

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101718\  
 Data File : BM017165.D  
 Acq On : 17 Oct 2018 12:49  
 Operator : MJ/SJ  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

Sohil  
 10/18/2018 1:58:30 PM

Quant Time: Oct 17 13:31:24 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 17 12:15:05 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 230971   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.45 | 136  | 1010300  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.32 | 164  | 593810   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.07 | 188  | 1345194  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.26 | 240  | 1532365  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.47 | 264  | 1540462  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.29  | 112 | 1670191 | 145.28 | ng | 0.00 |
| 7) Phenol-d6             | 6.86  | 99  | 2311202 | 141.21 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.83  | 82  | 2261299 | 133.32 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.82 | 330 | 1002344 | 119.89 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.93 | 172 | 5291137 | 115.34 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.70 | 244 | 8152277 | 120.60 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.26  | 88  | 392417  | 78.511 | ng | 88     |
| 3) Pyridine                    | 3.65  | 79  | 909164  | 80.548 | ng | # 84   |
| 4) n-Nitrosodimethylamine      | 3.56  | 42  | 373491  | 97.842 | ng | # 74   |
| 6) Aniline                     | 7.02  | 93  | 1457622 | 75.464 | ng | 97     |
| 8) 2-Chlorophenol              | 7.25  | 128 | 983639  | 64.824 | ng | 97     |
| 9) Benzaldehyde                | 6.83  | 77  | 593165  | 60.097 | ng | 94     |
| 10) Phenol                     | 6.88  | 94  | 1224158 | 71.279 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93  | 967407  | 69.243 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.56  | 146 | 1089665 | 59.793 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.71  | 146 | 1112556 | 59.544 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.02  | 146 | 1082181 | 58.756 | ng | 98     |
| 15) Benzyl Alcohol             | 7.92  | 79  | 891843  | 79.157 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.21  | 45  | 1296081 | 66.894 | ng | 99     |
| 17) 2-Methylphenol             | 8.12  | 107 | 811871  | 67.339 | ng | 98     |
| 18) Hexachloroethane           | 8.74  | 117 | 391244  | 55.695 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.49  | 70  | 795431  | 75.498 | ng | 97     |
| 20) 3+4-Methylphenols          | 8.45  | 107 | 1115658 | 67.435 | ng | 98     |
| 22) Acetophenone               | 8.50  | 105 | 1548640 | 64.287 | ng | # 99   |
| 24) Nitrobenzene               | 8.87  | 77  | 1161056 | 67.697 | ng | 94     |
| 25) Isophorone                 | 9.40  | 82  | 1845739 | 72.713 | ng | 98     |
| 26) 2-Nitrophenol              | 9.57  | 139 | 529857  | 70.146 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.64  | 122 | 799021  | 67.442 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.88  | 93  | 1233464 | 67.839 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.10 | 162 | 947525  | 66.234 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.32 | 180 | 1058078 | 58.737 | ng | 100    |
| 31) Naphthalene                | 10.50 | 128 | 2976428 | 59.850 | ng | 99     |
| 32) Benzoic acid               | 9.80  | 122 | 605261m | 73.278 | ng |        |
| 33) 4-Chloroaniline            | 10.62 | 127 | 1362898 | 68.483 | ng | 98     |
| 34) Hexachlorobutadiene        | 10.78 | 225 | 653767  | 56.371 | ng | 99     |
| 35) Caprolactam                | 11.42 | 113 | 348779m | 77.181 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.75 | 107 | 1067600 | 70.874 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.12 | 142 | 2108760 | 63.703 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.34 | 142 | 2039392 | 63.035 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216 | 1242486 | 55.924 | ng | 99     |

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 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC060

Manual Integrations  
 APPROVED

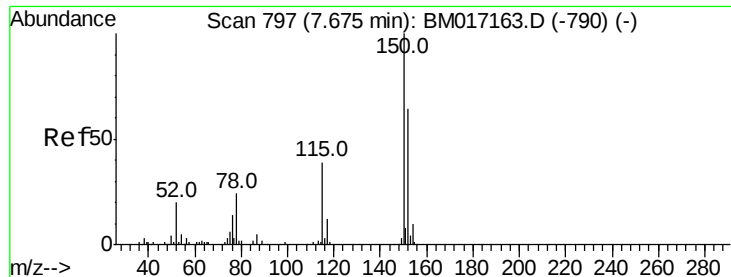
Sohil  
 10/18/2018 1:58:30 PM

Quant Time: Oct 17 13:31:24 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
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 QLast Update : Wed Oct 17 12:15:05 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.47 | 237  | 672171   | 61.812  | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.74 | 196  | 792111   | 65.489  | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.81 | 196  | 838505   | 63.778  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.15 | 154  | 3204795  | 59.111  | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.19 | 162  | 2387355  | 59.097  | ng    | 99       |
| 48) 2-Nitroaniline             | 13.40 | 65   | 688517   | 87.281  | ng    | 99       |
| 49) Acenaphthylene             | 14.04 | 152  | 3564984  | 61.480  | ng    | 100      |
| 50) Dimethylphthalate          | 13.79 | 163  | 2827448  | 62.441  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.90 | 165  | 642024   | 64.071  | ng    | 98       |
| 52) Acenaphthene               | 14.38 | 154  | 2162980  | 59.469  | ng    | 98       |
| 53) 3-Nitroaniline             | 14.23 | 138  | 706168   | 68.990  | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.44 | 184  | 337366   | 73.569  | ng    | 98       |
| 55) Dibenzofuran               | 14.72 | 168  | 3528006  | 57.653  | ng    | 100      |
| 56) 4-Nitrophenol              | 14.55 | 139  | 583850   | 67.953  | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 883021   | 64.871  | ng    | 98       |
| 58) Fluorene                   | 15.37 | 166  | 2653555  | 58.684  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 768476   | 62.043  | ng    | 99       |
| 60) Diethylphthalate           | 15.16 | 149  | 2874202  | 62.112  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 1494684  | 56.987  | ng    | 97       |
| 62) 4-Nitroaniline             | 15.40 | 138  | 748044   | 72.337  | ng    | 97       |
| 63) Azobenzene                 | 15.66 | 77   | 2792267  | 64.143  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.46 | 198  | 532204   | 69.373  | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.59 | 169  | 2567951  | 64.037  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.26 | 248  | 939115   | 62.043  | ng    | 95       |
| 68) Hexachlorobenzene          | 16.37 | 284  | 1040150  | 57.072  | ng    | 99       |
| 69) Atrazine                   | 16.54 | 200  | 916873   | 70.976  | ng    | 99       |
| 70) Pentachlorophenol          | 16.72 | 266  | 757094   | 62.407  | ng    | 99       |
| 71) Phenanthrene               | 17.11 | 178  | 4345413  | 58.884  | ng    | 100      |
| 72) Anthracene                 | 17.20 | 178  | 4360235  | 63.415  | ng    | 99       |
| 73) Carbazole                  | 17.47 | 167  | 4455189  | 63.582  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.04 | 149  | 4828110  | 69.096  | ng    | 100      |
| 75) Fluoranthene               | 19.13 | 202  | 5097418  | 61.580  | ng    | 98       |
| 77) Benzidine                  | 19.32 | 184  | 2342393  | 109.551 | ng    | 99       |
| 78) Pyrene                     | 19.49 | 202  | 5374582  | 66.718  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.41 | 149  | 2036451  | 88.025  | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.24 | 228  | 5196404  | 60.119  | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 1998621  | 72.663  | ng    | 99       |
| 83) Chrysene                   | 21.30 | 228  | 5101557  | 59.739  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 3077870  | 77.414  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.06 | 149  | 5188812  | 76.096  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.70 | 276  | 5724053  | 55.665  | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.82 | 252  | 5211550  | 61.370  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.86 | 252  | 5079458  | 59.467  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.39 | 252  | 4924637  | 60.548  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.71 | 278  | 4820127  | 57.282  | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.38 | 276  | 4799007  | 57.802  | ng    | 99       |

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





#1

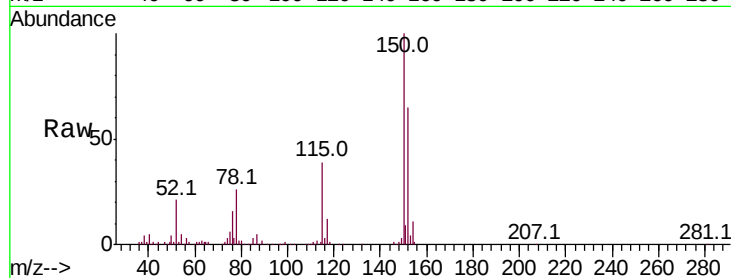
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.67 min Scan# 797  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.5 | 124.3 | 186.5 |
| 115     | 60.1  | 48.1  | 72.1  |

Manual Integrations  
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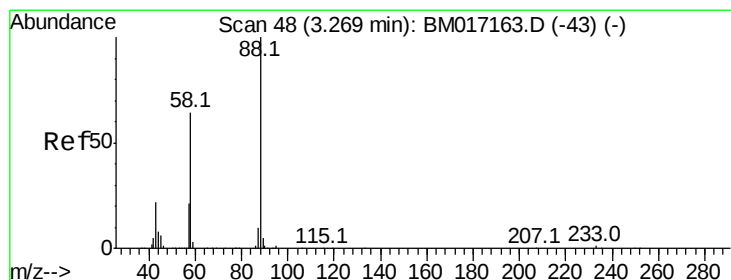
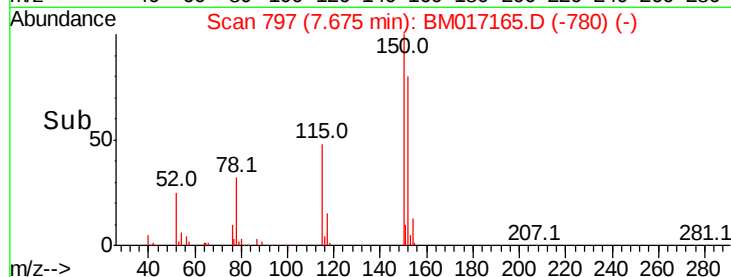
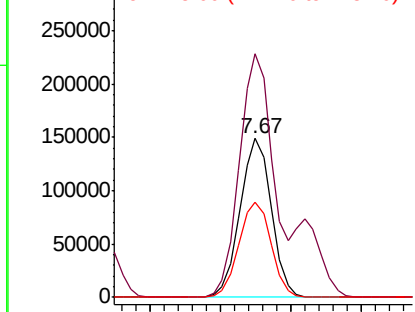


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

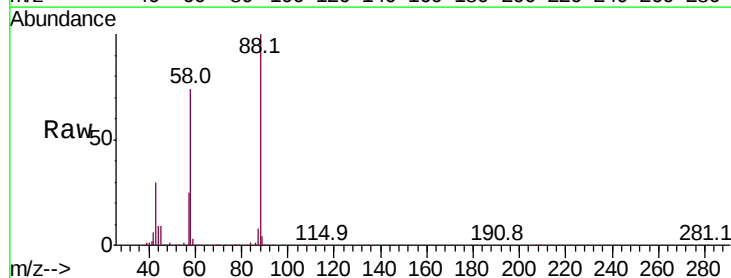
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 78.511 ng  
RT: 3.26 min Scan# 47  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 73.4  | 50.2  | 75.4  |
| 43      | 28.6  | 19.3  | 28.9  |

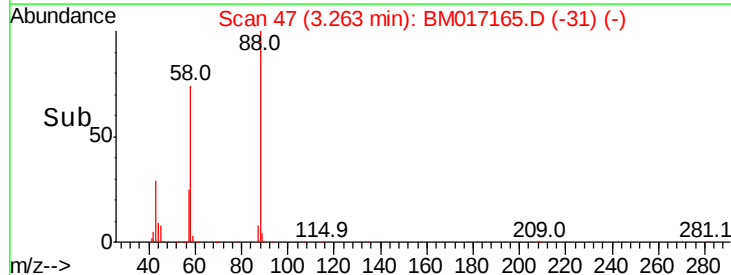
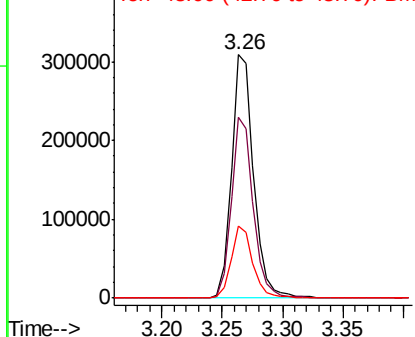


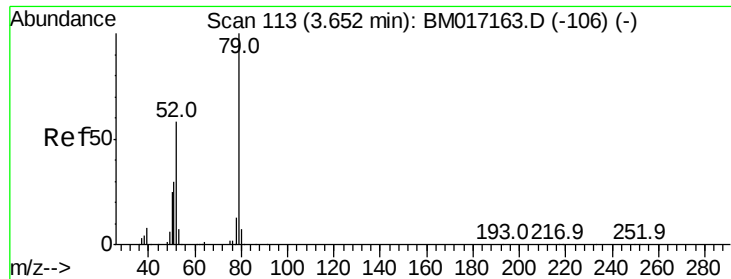
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 80.548 ng

RT: 3.65 min Scan# 113

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

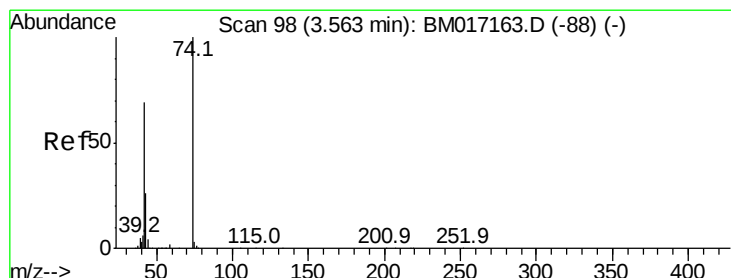
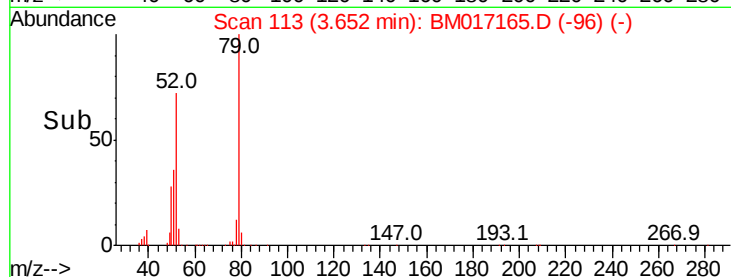
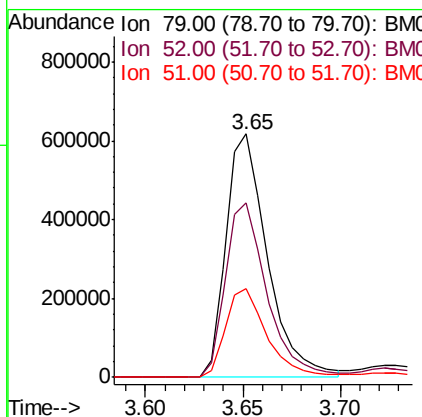
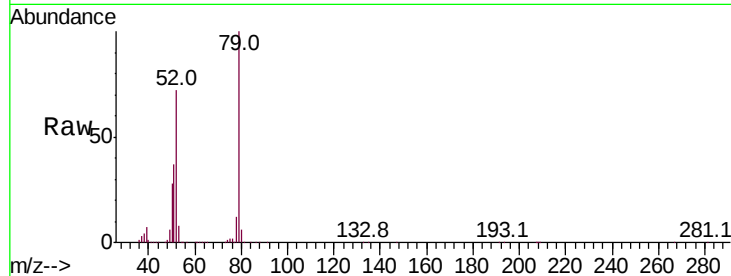
ClientSampleId :

SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 909164 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 71.8  | 46.5  | 69.7#  |
| 51        | 36.6  | 24.6  | 37.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 97.842 ng

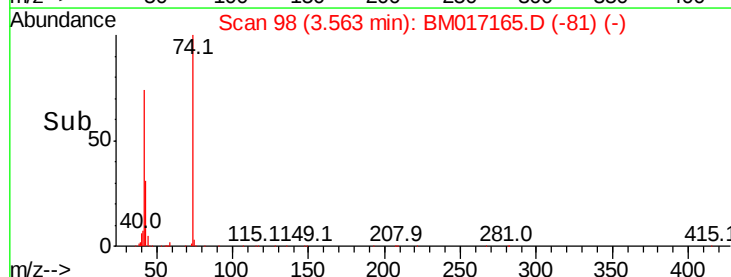
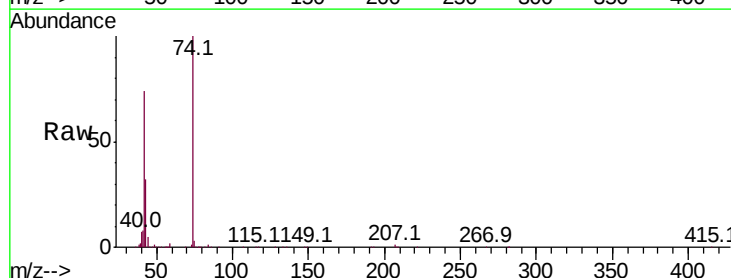
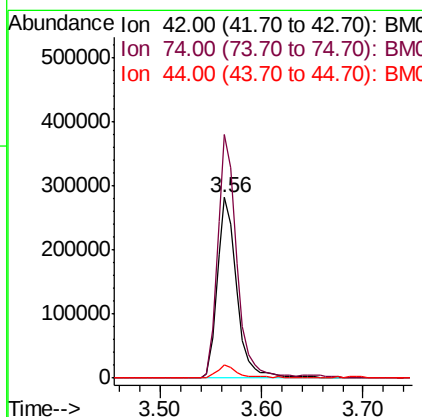
RT: 3.56 min Scan# 98

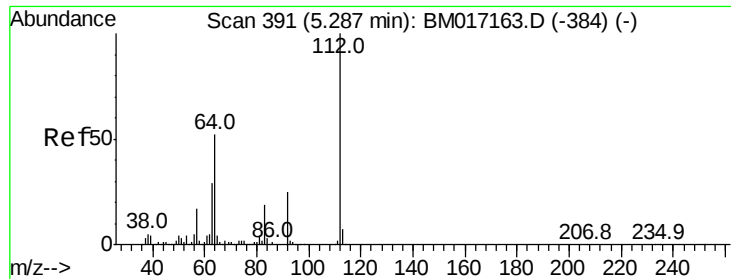
Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 373491 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 134.9 | 114.4 | 171.6  |
| 44        | 7.1   | 48.6  | 73.0#  |





#5

2-Fluorophenol

Concen: 145.280 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

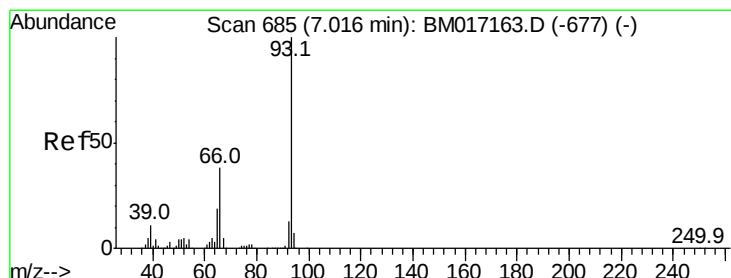
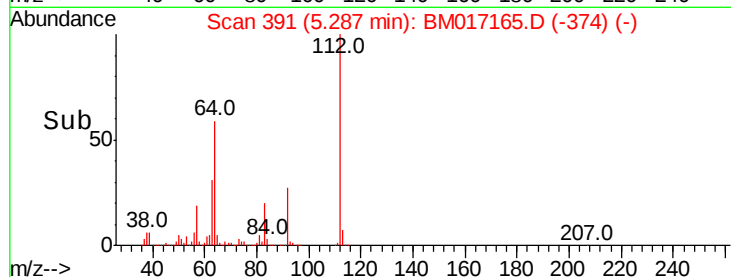
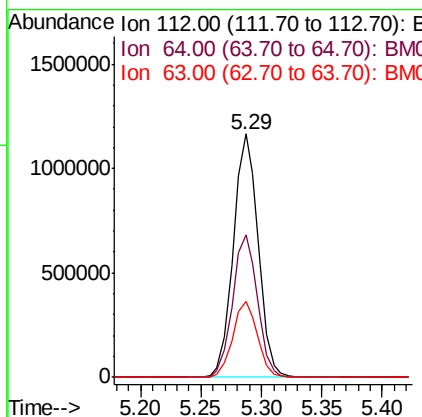
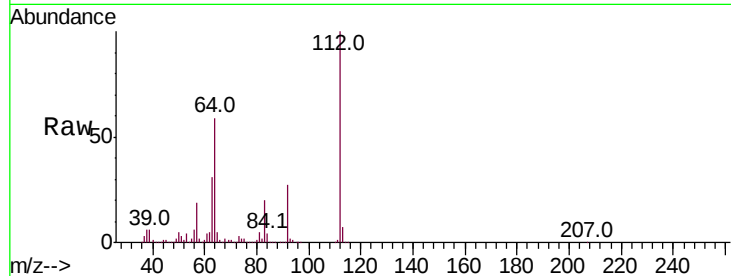
ClientSampleId :

SSTDIC060

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1670191 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 58.8  | 41.7  | 62.5    |
| 63       | 31.0  | 23.0  | 34.4    |

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#6

Aniline

Concen: 75.464 ng

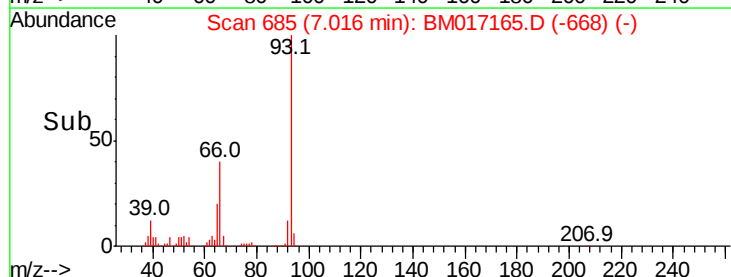
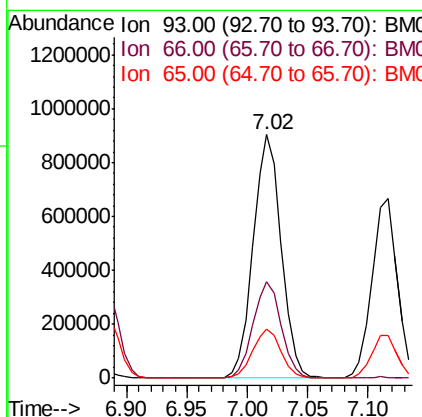
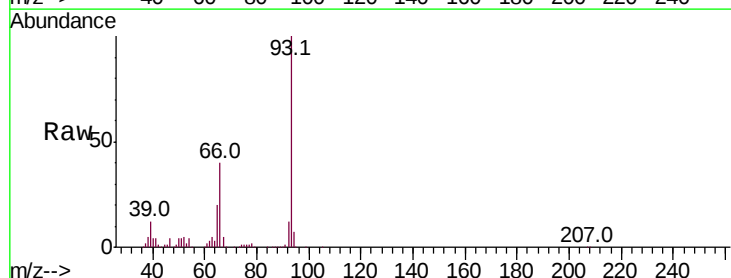
RT: 7.02 min Scan# 685

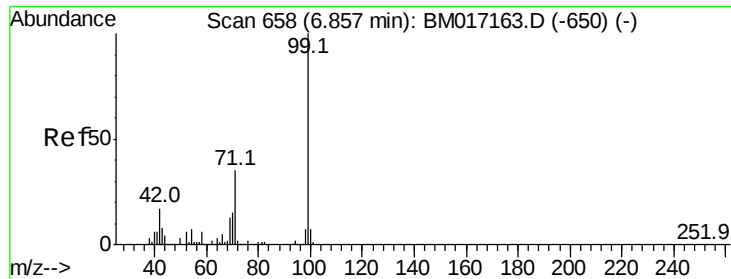
Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 93    | Resp: | 1457622 |
| Ion      | Ratio | Lower | Upper   |
| 93       | 100   |       |         |
| 66       | 39.7  | 30.4  | 45.6    |
| 65       | 20.2  | 15.3  | 22.9    |





#7

Phenol-d6

Concen: 141.209 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

ClientSampleId :

SSTDIC060

Tot Ion: 99 Resp: 2311202

Ion Ratio Lower Upper

99 100

42 17.6 13.3 19.9

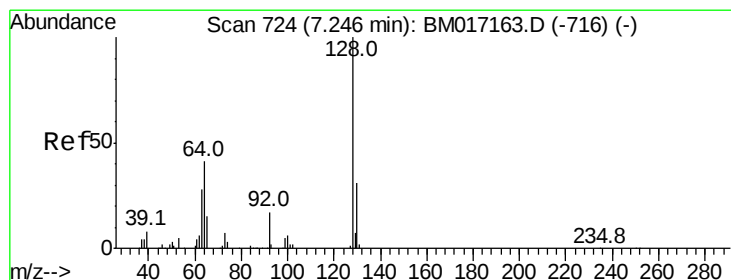
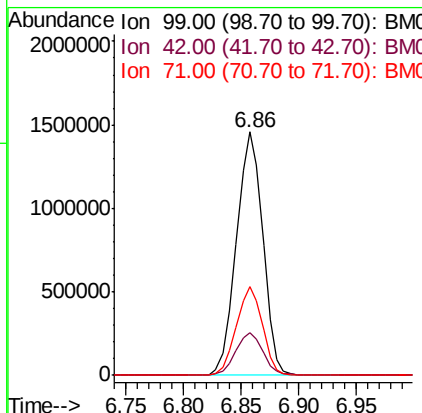
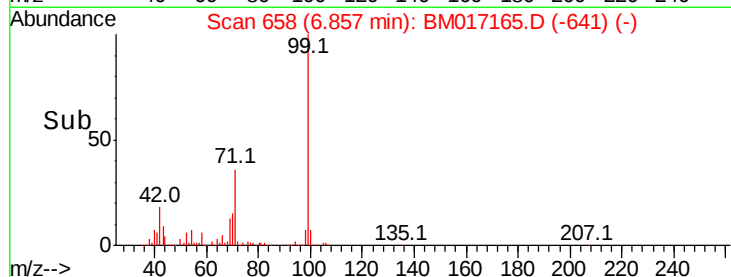
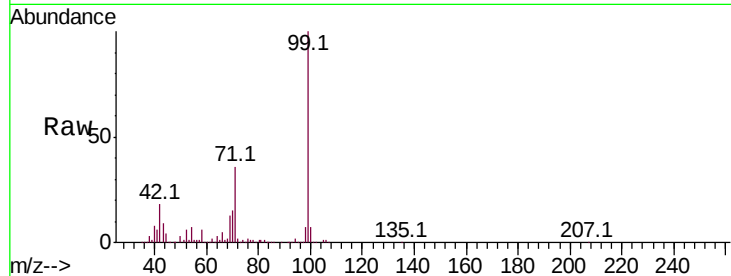
71 36.2 28.0 42.0

Manual Integrations

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10/18/2018 1:58:30 PM



#8

2-Chlorophenol

Concen: 64.824 ng

RT: 7.25 min Scan# 724

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

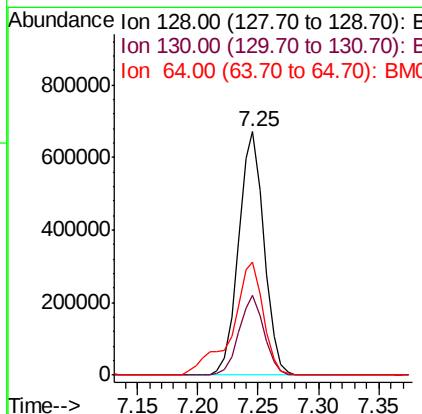
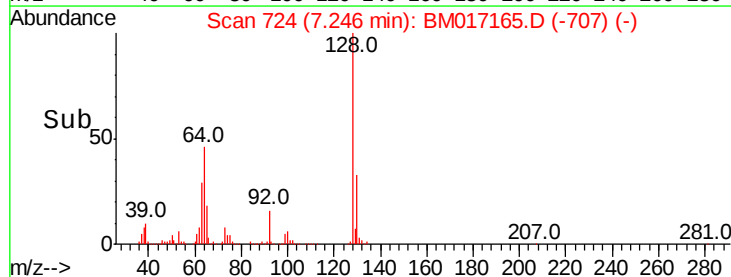
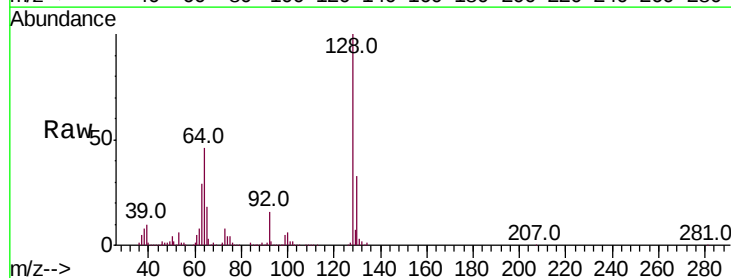
Tgt Ion:128 Resp: 983639

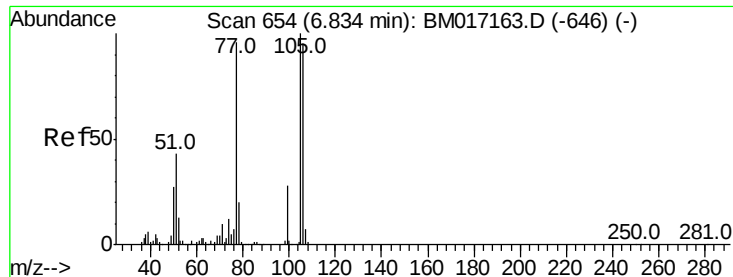
Ion Ratio Lower Upper

128 100

130 32.5 11.0 51.0

64 46.3 24.1 64.1





#9

Benzaldehyde

Concen: 60.097 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

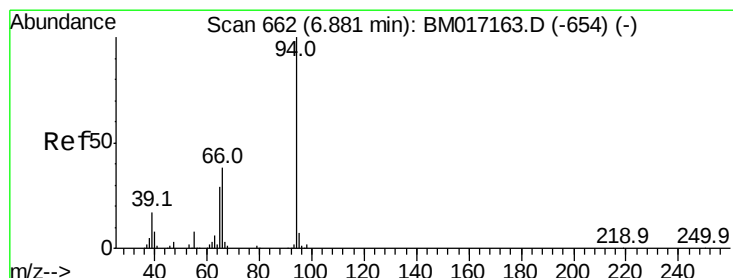
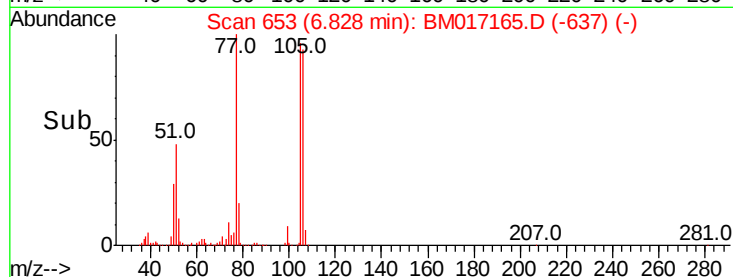
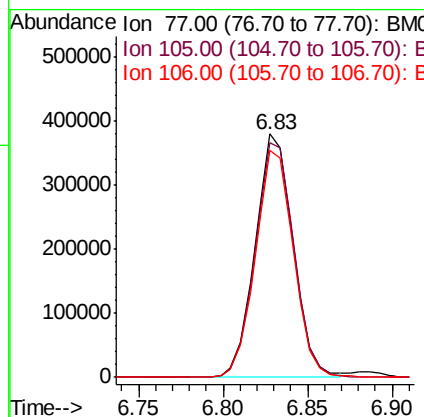
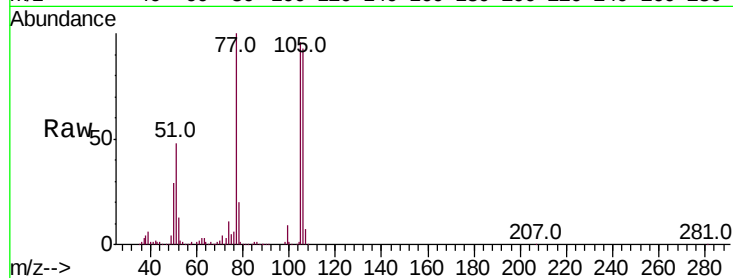
ClientSampleID :

SSTDICC060

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 593165 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 96.3  | 83.9  | 123.9  |
| 106      | 93.2  | 78.2  | 118.2  |

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#10

Phenol

Concen: 71.279 ng

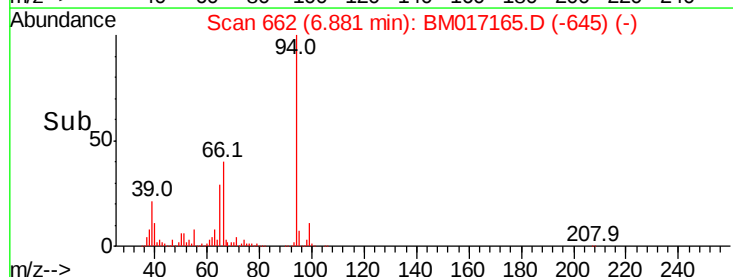
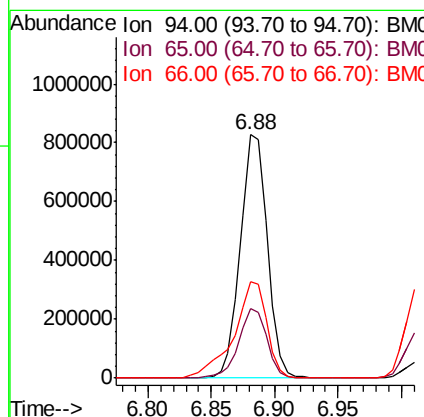
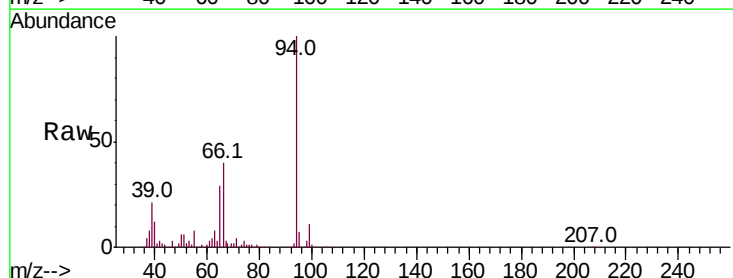
RT: 6.88 min Scan# 662

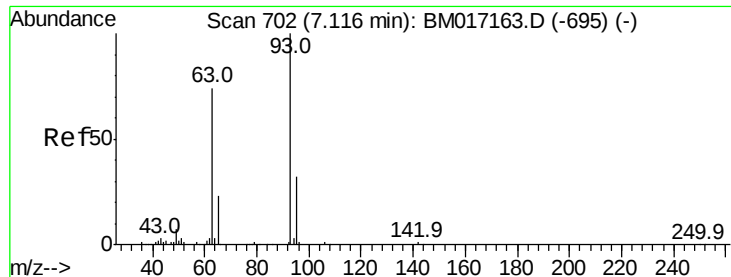
Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 94    | Resp: | 1224158 |
| Ion      | Ratio | Lower | Upper   |
| 94       | 100   |       |         |
| 65       | 28.7  | 9.4   | 49.4    |
| 66       | 39.7  | 19.0  | 59.0    |





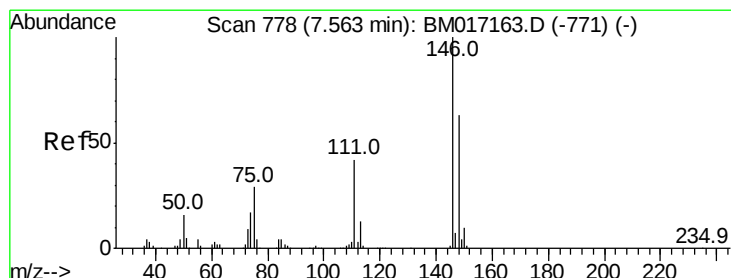
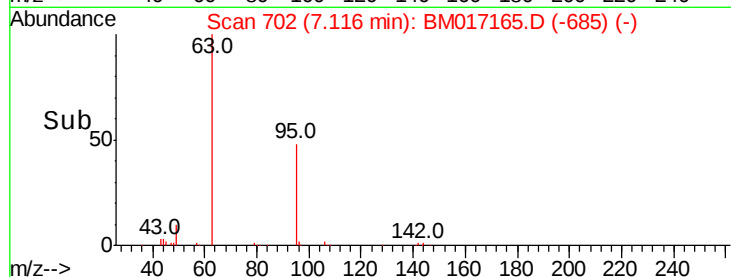
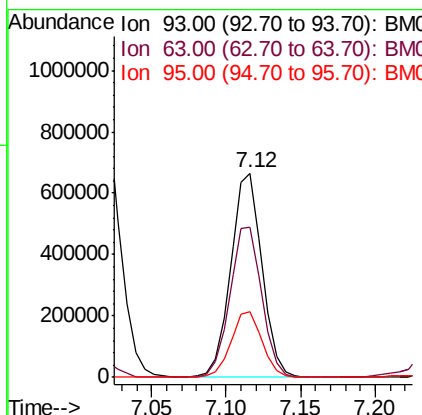
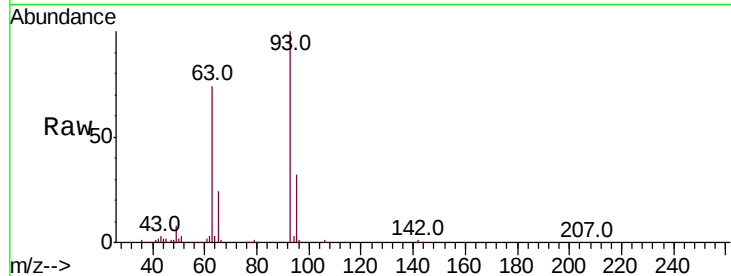
#11  
bis(2-Chloroethyl)ether  
Concen: 69.243 ng  
RT: 7.12 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 73.7  | 54.0  | 94.0  |
| 95      | 32.4  | 11.8  | 51.8  |

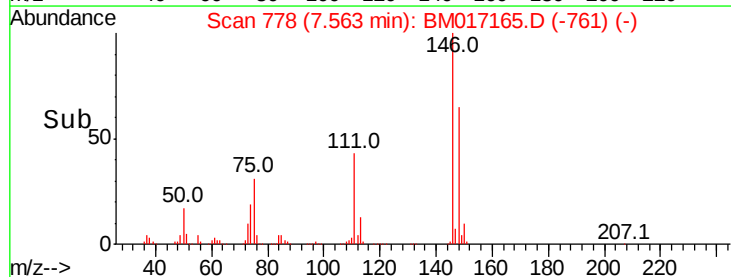
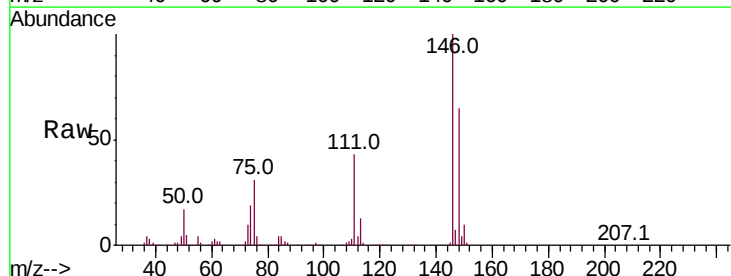
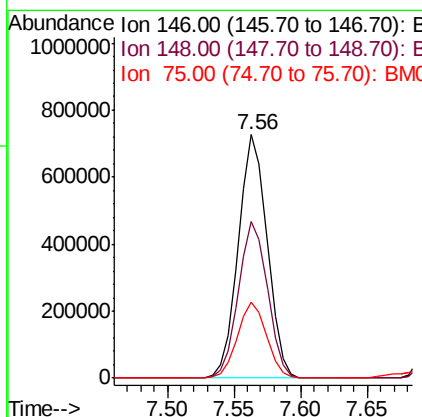
Manual Integrations  
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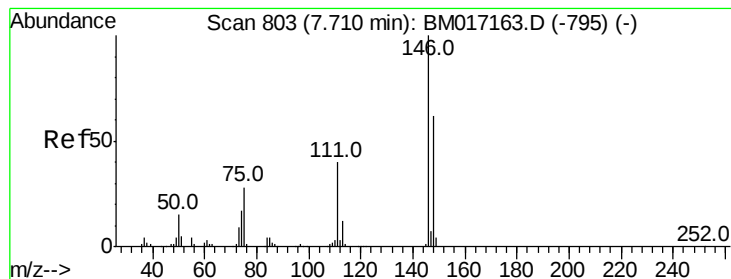
Sohil  
10/18/2018 1:58:30 PM



#12  
1,3-Dichlorobenzene  
Concen: 59.793 ng  
RT: 7.56 min Scan# 778  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 50.2  | 75.4  |
| 75      | 31.1  | 23.3  | 34.9  |





#13

1,4-Dichlorobenzene

Concen: 59.544 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

ClientSampleID :

SSTDIC060

Tot Ion:146 Resp: 1112556

Ion Ratio Lower Upper

146 100

148 64.6 49.8 74.6

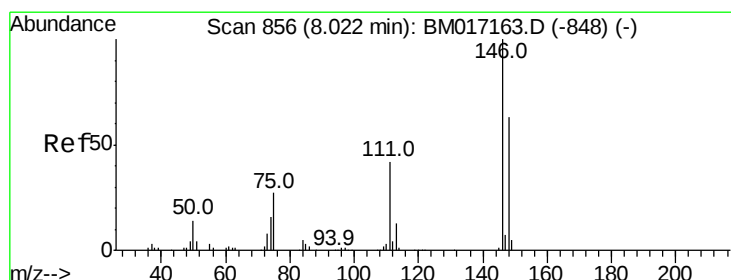
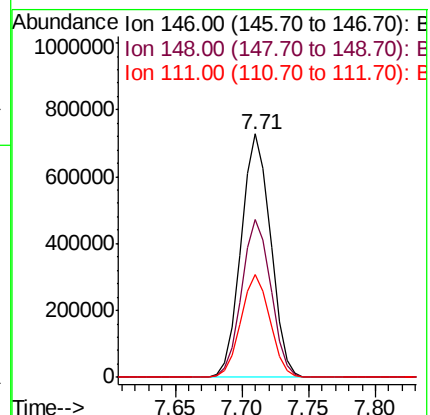
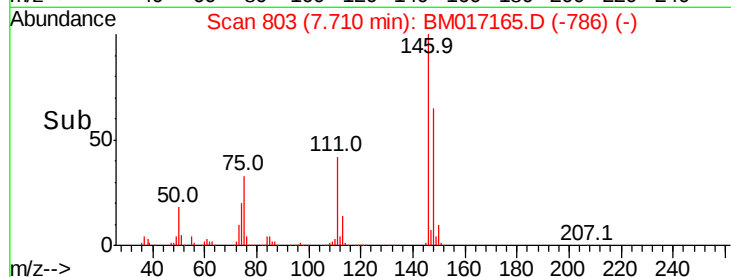
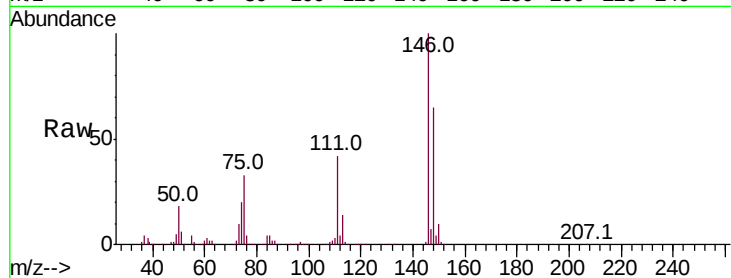
111 42.1 32.1 48.1

Manual Integrations

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#14

1,2-Dichlorobenzene

Concen: 58.756 ng

RT: 8.02 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

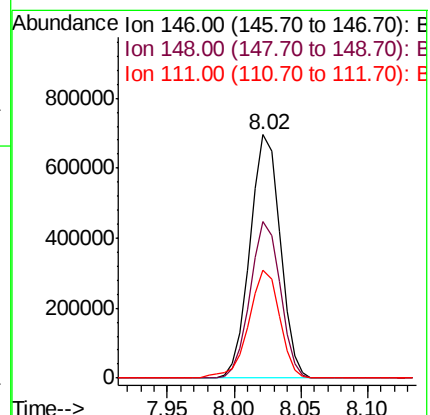
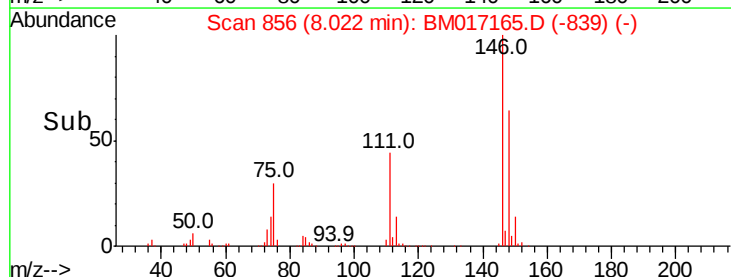
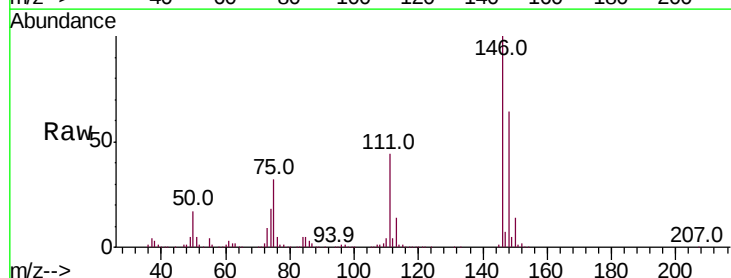
Tgt Ion:146 Resp: 1082181

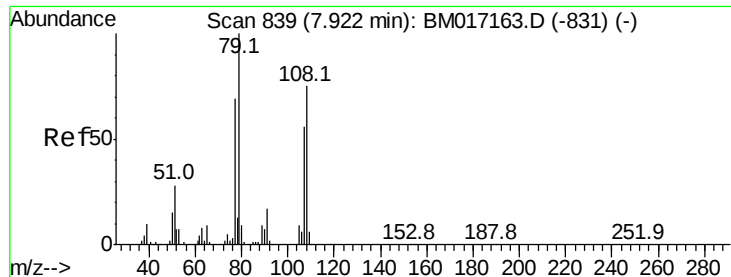
Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

111 44.1 33.8 50.6





#15

Benzyl Alcohol

Concen: 79.157 ng

RT: 7.92 min Scan# 839

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

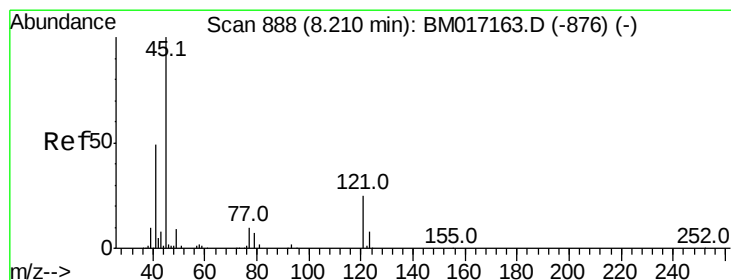
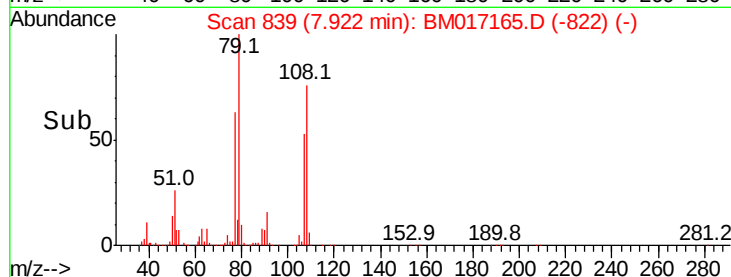
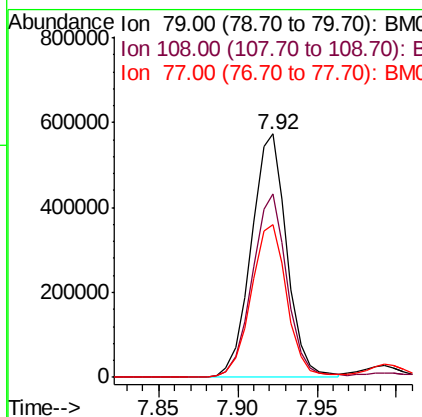
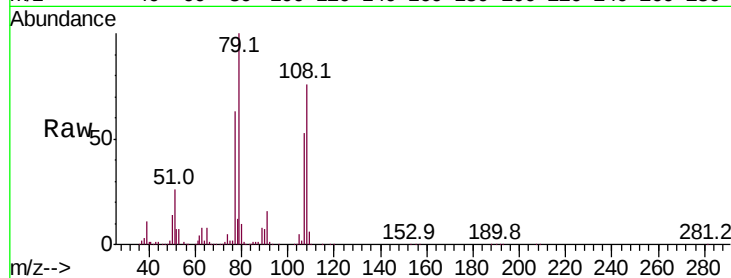
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 891843 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 75.6  | 60.3  | 90.5   |
| 77        | 63.0  | 54.8  | 82.2   |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 66.894 ng

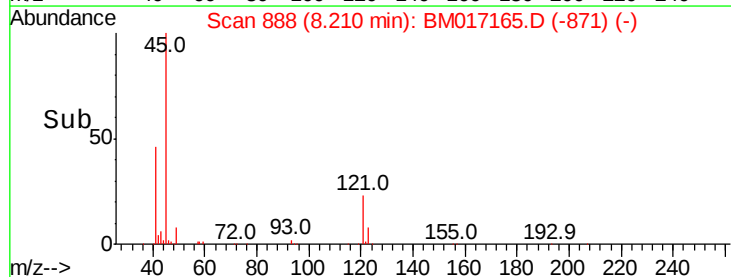
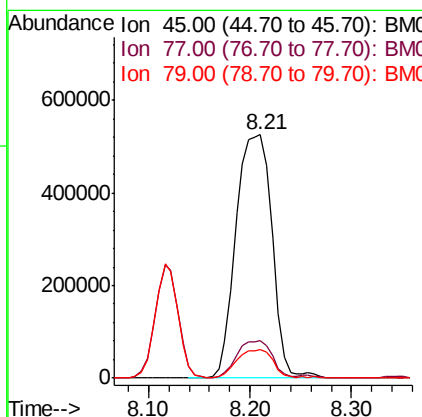
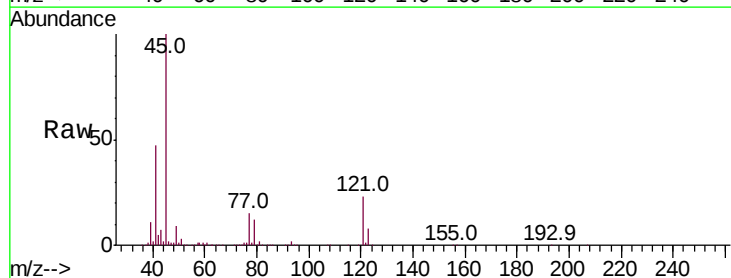
RT: 8.21 min Scan# 888

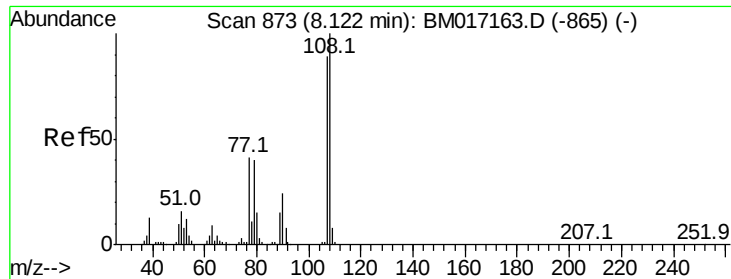
Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1296081 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 77        | 15.2  | 0.0   | 35.5    |
| 79        | 11.9  | 0.0   | 32.1    |





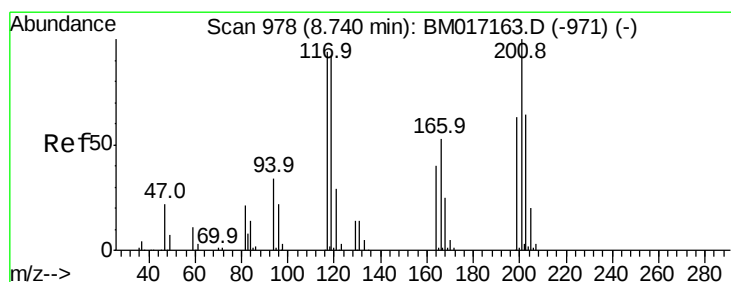
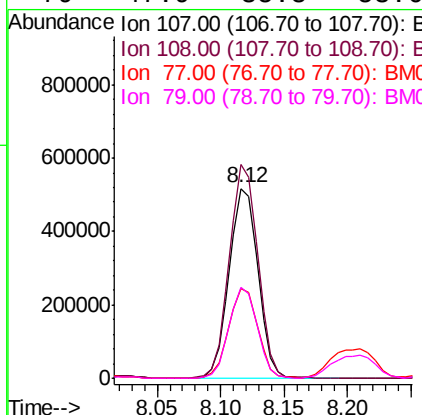
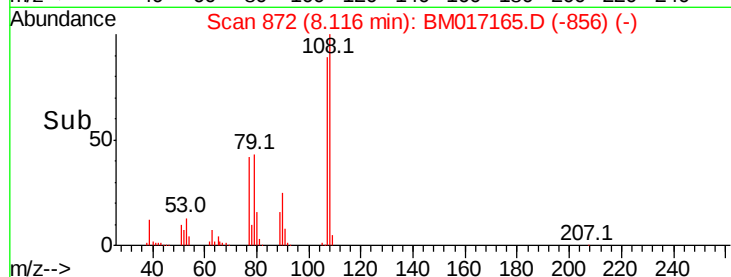
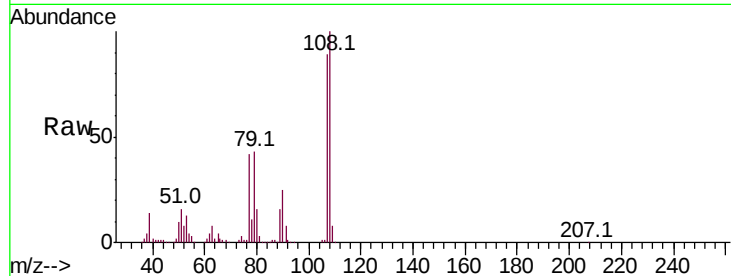
#17  
2-Methylphenol  
Concen: 67.339 ng  
RT: 8.12 min Scan# 872  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.4 | 90.3 | 135.5 |       |
| 77      | 47.4  | 37.0 | 55.4  |       |
| 79      | 47.9  | 35.8 | 53.6  |       |

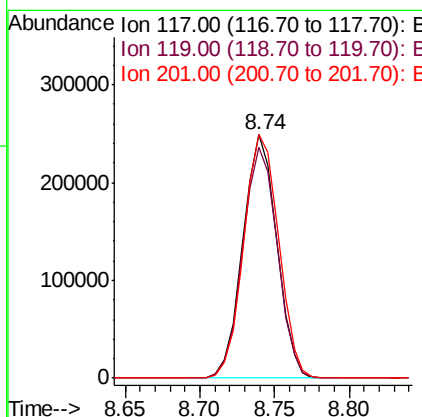
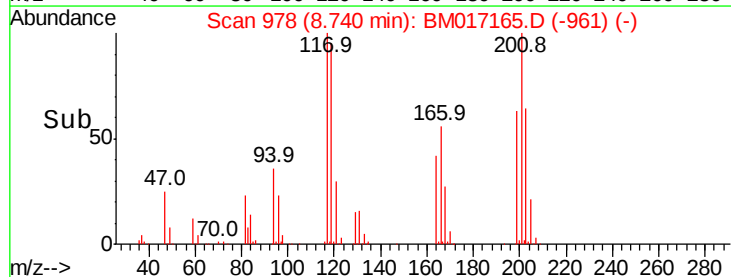
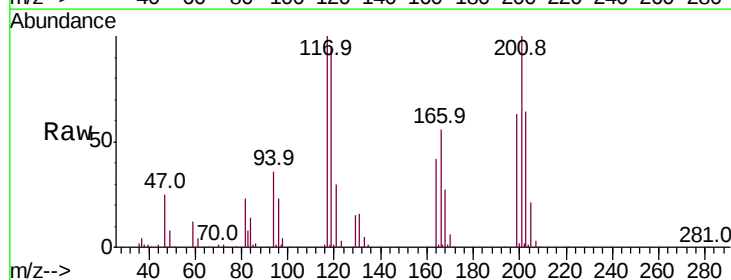
Manual Integrations  
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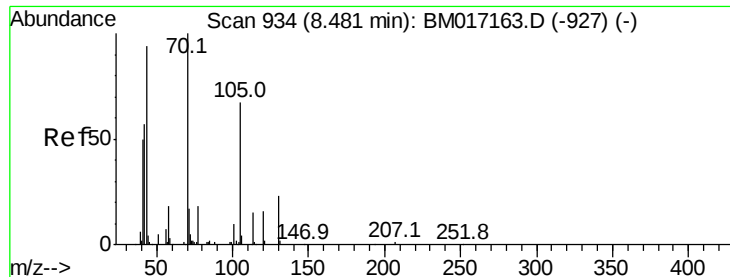
Sohil  
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#18  
Hexachloroethane  
Concen: 55.695 ng  
RT: 8.74 min Scan# 978  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.1  | 78.2 | 117.2 |       |
| 201     | 100.1 | 85.3 | 127.9 |       |





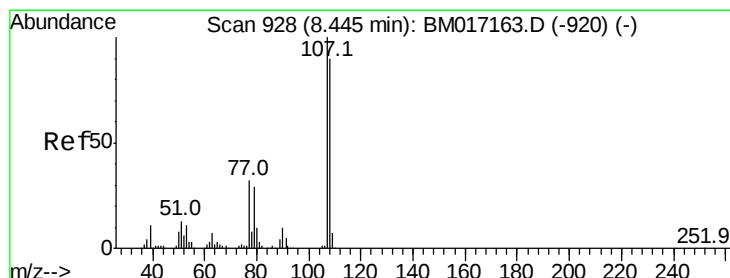
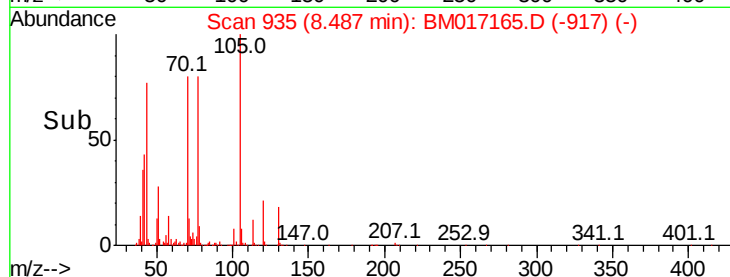
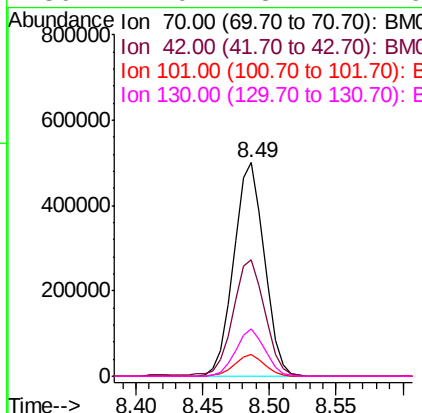
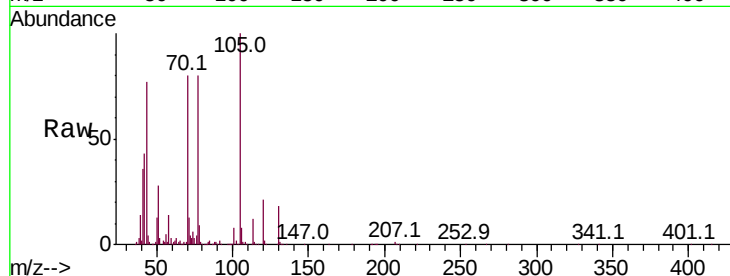
#19  
n-Nitroso-di-n-propylamine  
Concen: 75.498 ng  
RT: 8.49 min Scan# 935  
Delta R.T. 0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 54.4  | 46.1  | 69.1  |
| 101     | 10.0  | 8.2   | 12.4  |
| 130     | 22.0  | 18.4  | 27.6  |

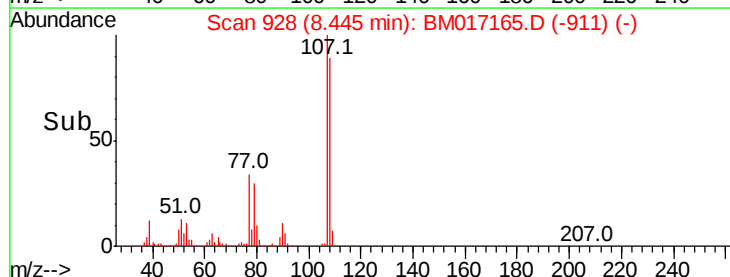
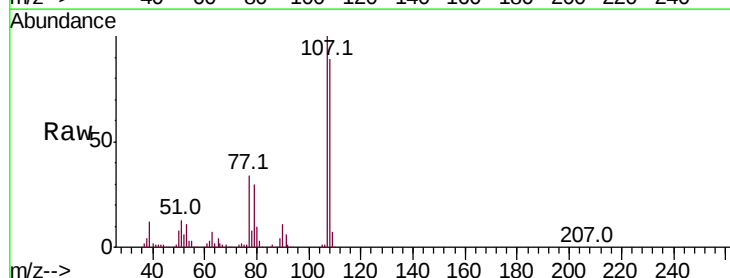
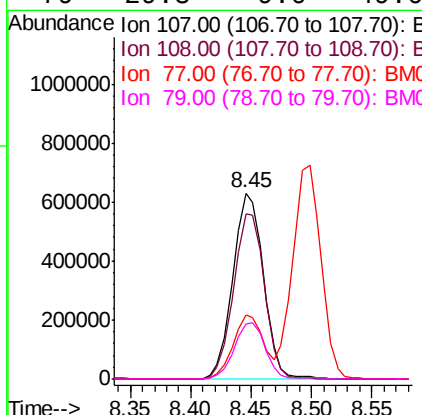
Manual Integrations  
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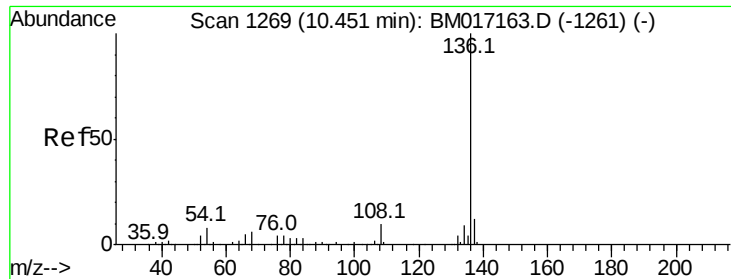
Sohil  
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#20  
3+4-Methylphenols  
Concen: 67.435 ng  
RT: 8.45 min Scan# 928  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.8  | 69.9  | 109.9 |
| 77      | 34.5  | 12.2  | 52.2  |
| 79      | 29.8  | 9.0   | 49.0  |





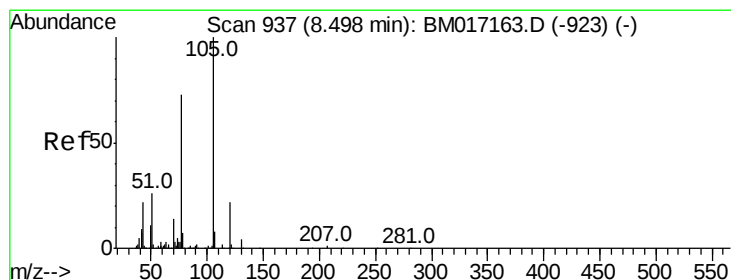
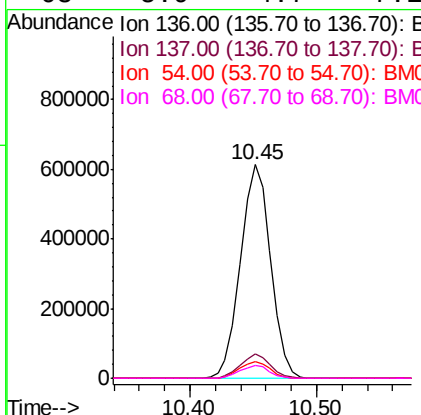
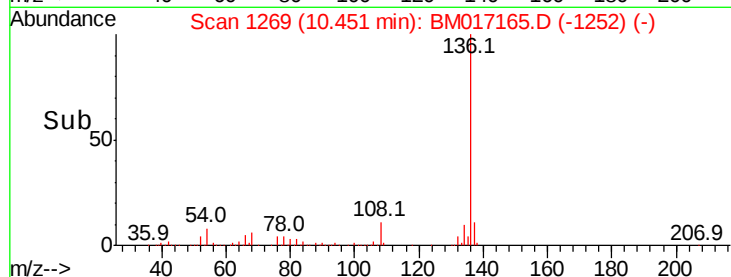
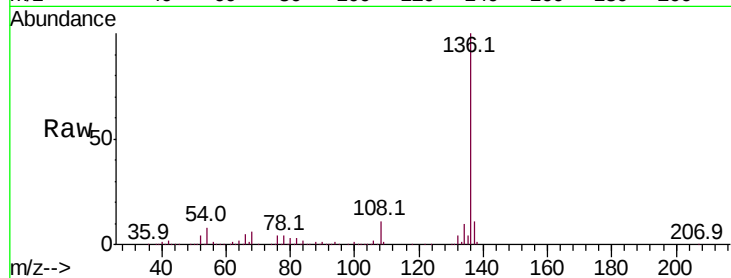
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.45 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | 136   | Resp  | 1010300 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 136     | 100   |       |         |
| 137     | 11.2  | 9.2   | 13.8    |
| 54      | 8.0   | 6.7   | 10.1    |
| 68      | 5.9   | 4.7   | 7.1     |

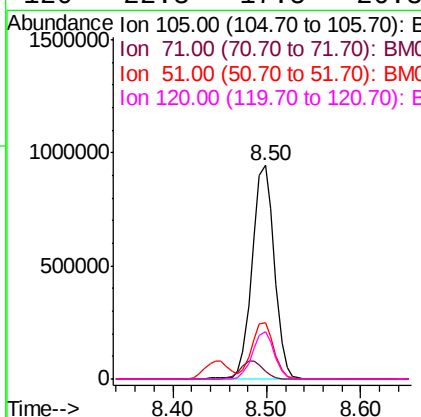
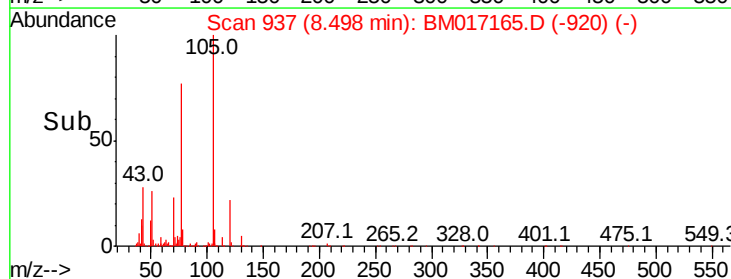
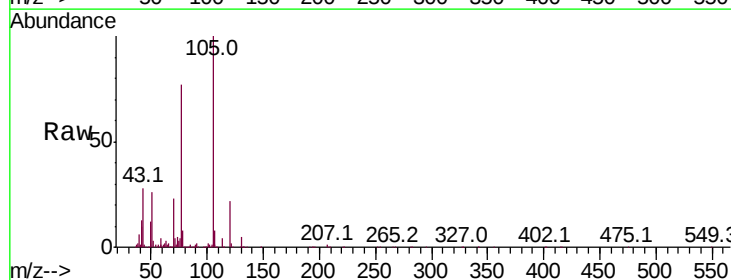
Manual Integrations  
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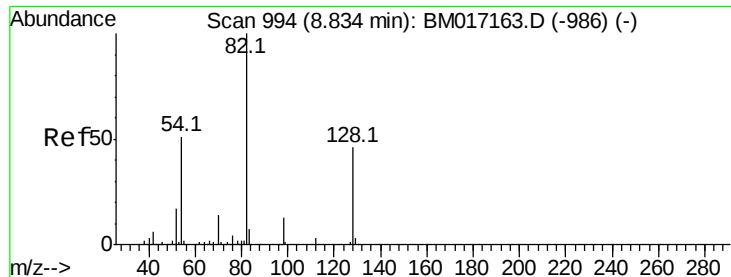
Sohil  
10/18/2018 1:58:30 PM



#22  
Acetophenone  
Concen: 64.287 ng  
RT: 8.50 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | 105   | Resp  | 1548640 |
|---------|-------|-------|---------|
| Ion     | Ratio | Lower | Upper   |
| 105     | 100   |       |         |
| 71      | 3.7   | 2.0   | 3.0#    |
| 51      | 26.2  | 20.6  | 31.0    |
| 120     | 22.3  | 17.5  | 26.3    |





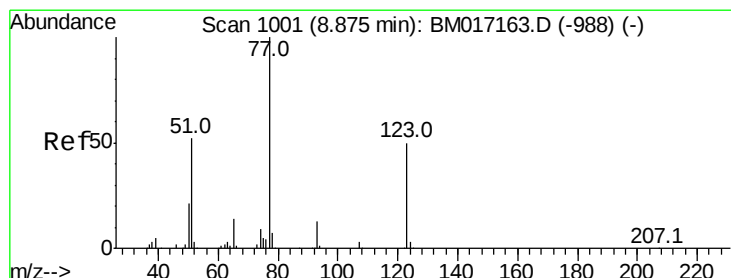
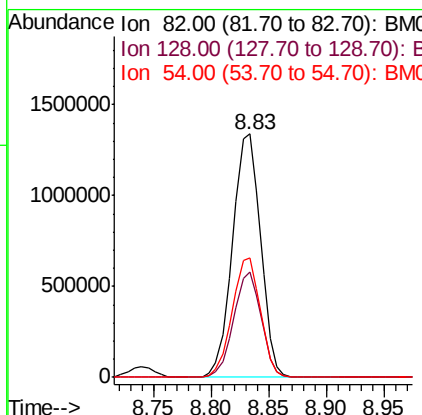
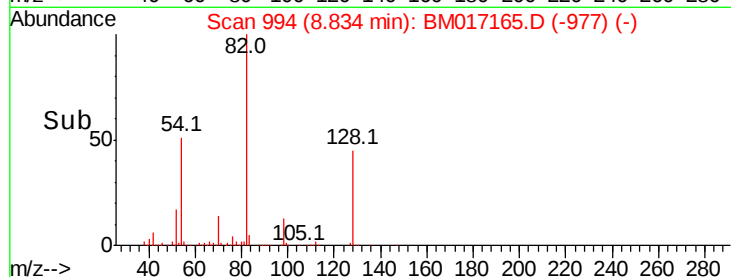
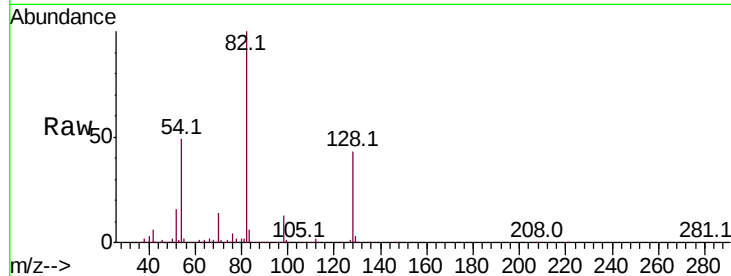
#23  
Nitrobenzene-d5  
Concen: 133.316 ng  
RT: 8.83 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

Tot Ion: 82 Resp: 2261299  
Ion Ratio Lower Upper  
82 100  
128 43.3 37.0 55.6  
54 49.0 40.7 61.1

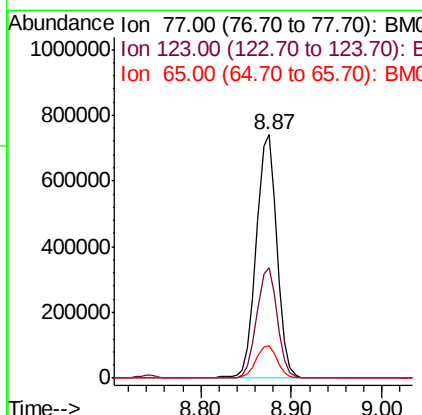
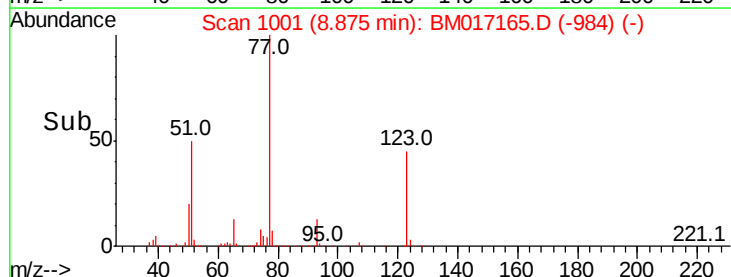
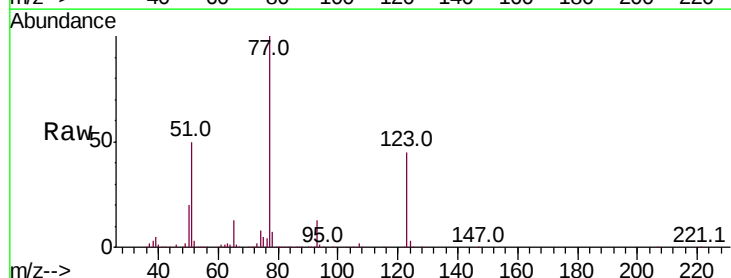
Manual Integrations  
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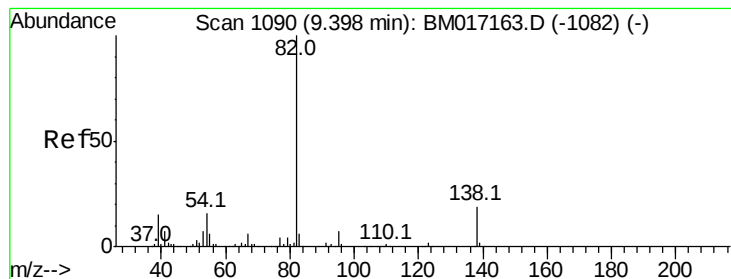
Sohil  
10/18/2018 1:58:30 PM



#24  
Nitrobenzene  
Concen: 67.697 ng  
RT: 8.87 min Scan# 1001  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Tgt Ion: 77 Resp: 1161056  
Ion Ratio Lower Upper  
77 100  
123 45.2 40.2 60.4  
65 13.4 11.4 17.0





#25

Isophorone

Concen: 72.713 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC060

Tot Ion: 82 Resp: 1845739

Ion Ratio Lower Upper

82 100

95 7.4 6.0 9.0

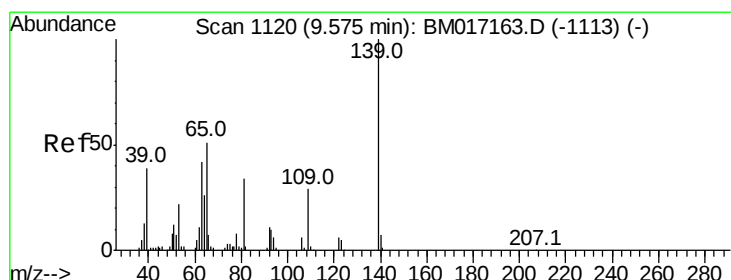
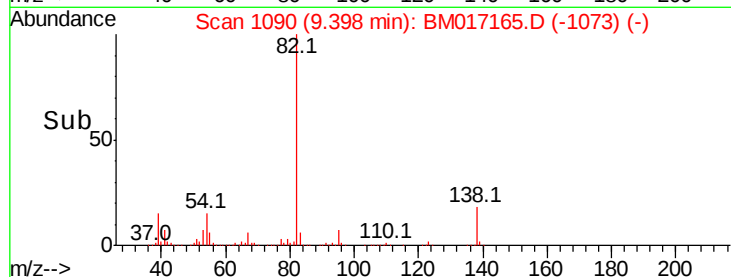
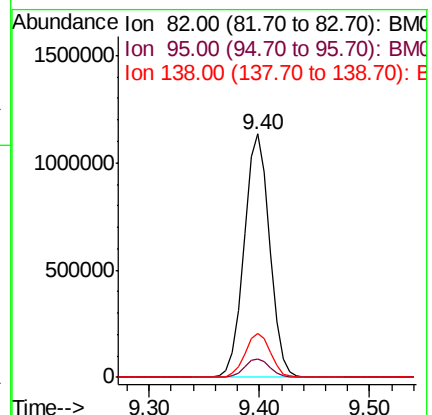
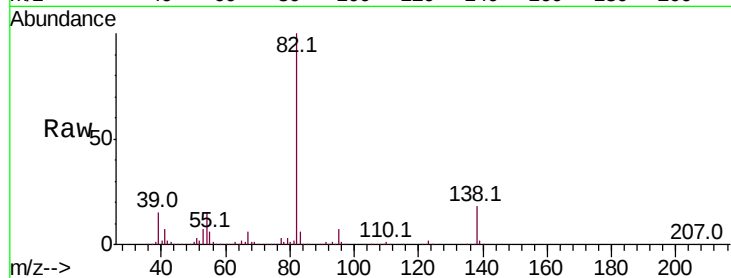
138 18.0 15.4 23.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 70.146 ng

RT: 9.57 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

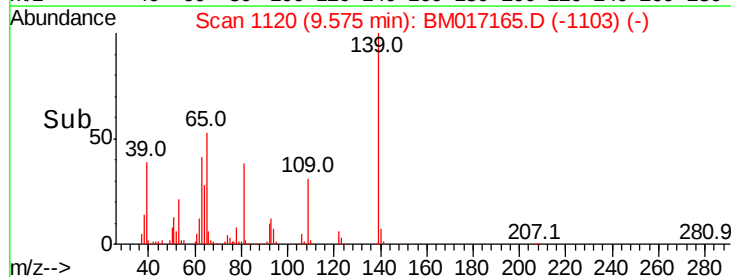
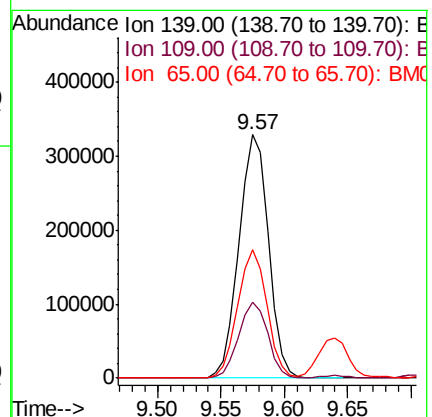
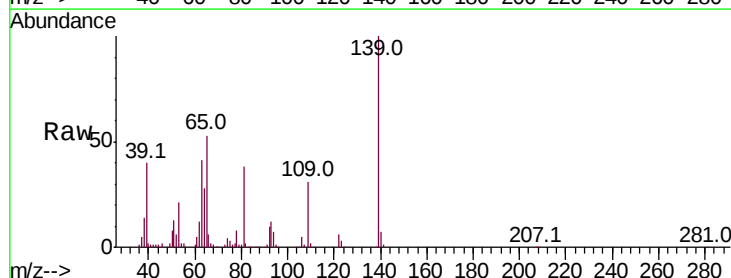
Tgt Ion: 139 Resp: 529857

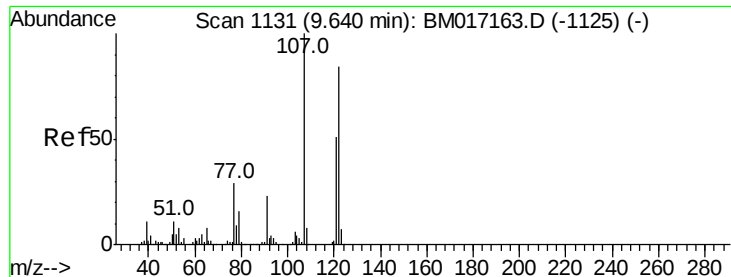
Ion Ratio Lower Upper

139 100

109 31.2 23.2 34.8

65 52.6 40.6 61.0





#27

2,4-Dimethylphenol

Concen: 67.442 ng

RT: 9.64 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

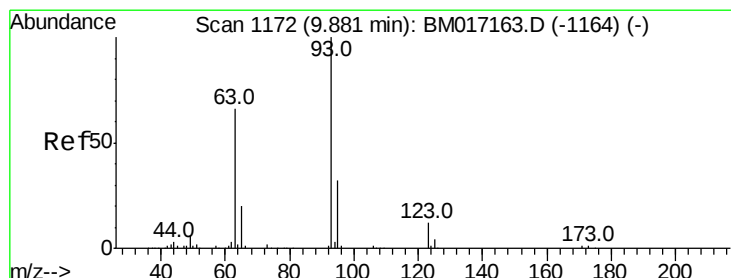
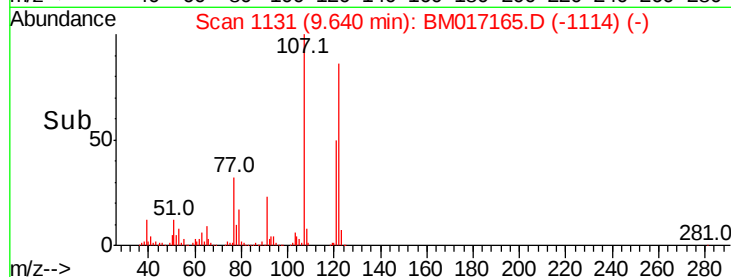
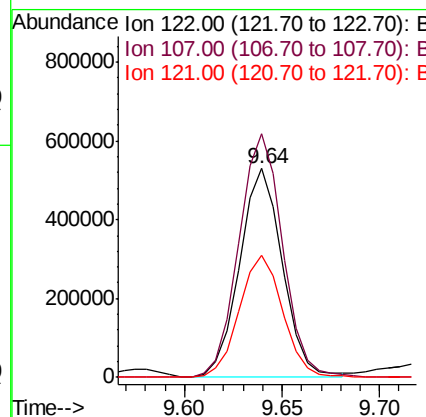
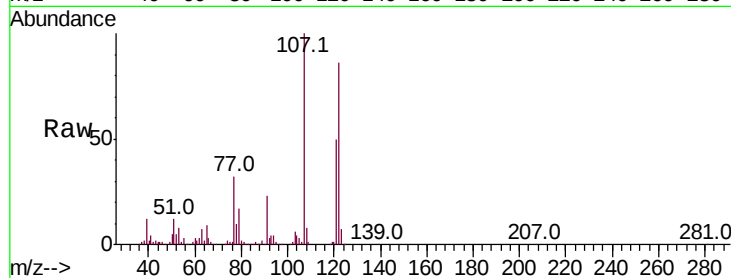
ClientSampleId :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 799021 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 116.7 | 95.0  | 142.6  |
| 121       | 58.7  | 48.2  | 72.4   |

Manual Integrations  
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#28

bis(2-Chloroethoxy)methane

Concen: 67.839 ng

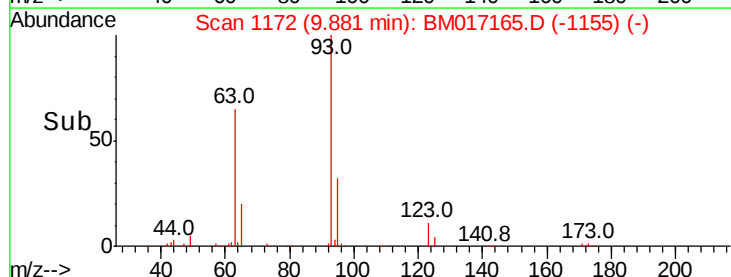
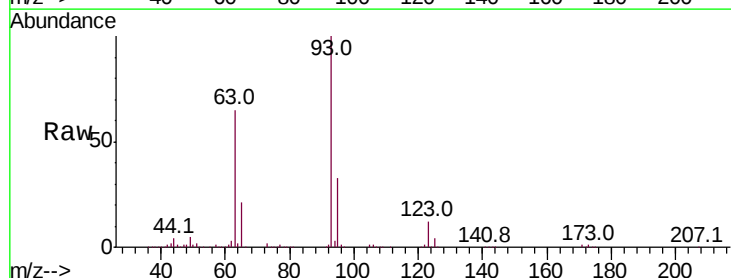
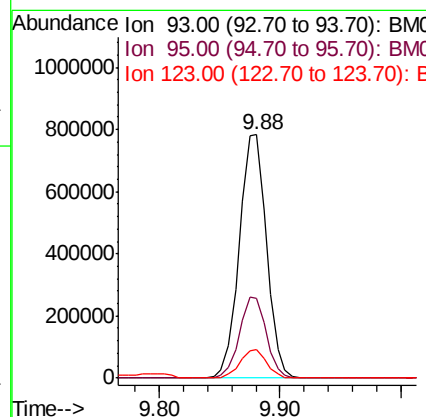
RT: 9.88 min Scan# 1172

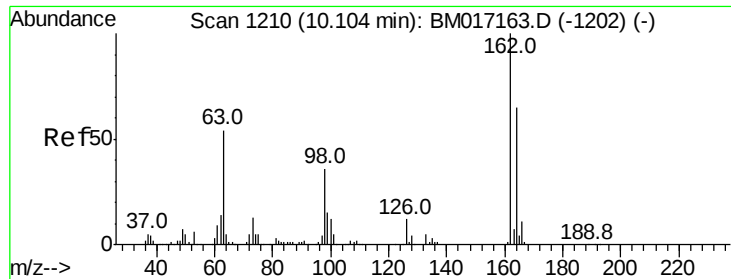
Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 93    | Resp: | 1233464 |
| Ion Ratio | Lower | Upper |         |
| 93        | 100   |       |         |
| 95        | 32.5  | 25.7  | 38.5    |
| 123       | 11.9  | 9.4   | 14.0    |





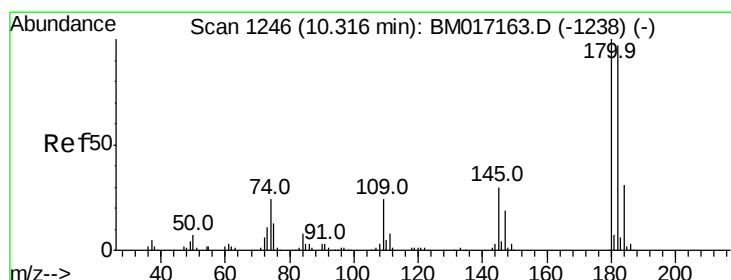
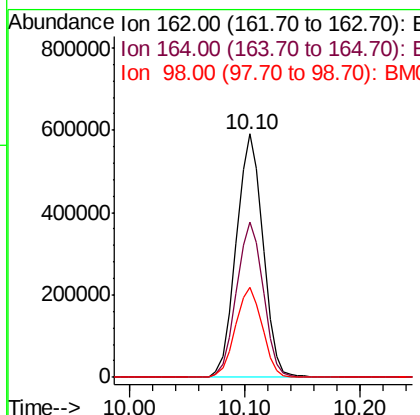
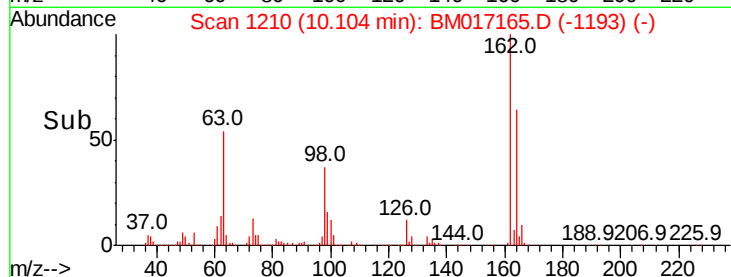
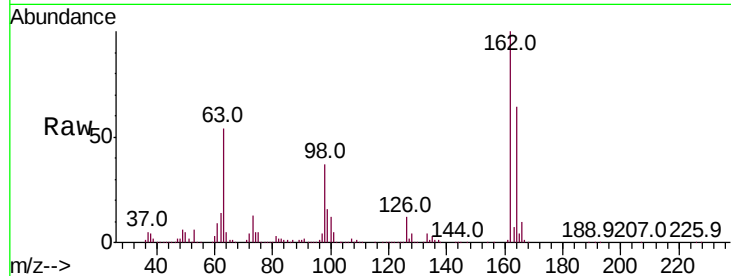
#29  
2,4-Dichlorophenol  
Concen: 66.234 ng  
RT: 10.10 min Scan# 1210  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 162     | 100  |       | 947525 |       |       |
| 164     | 63.9 | 44.9  | 84.9   |       |       |
| 98      | 36.8 | 15.8  | 55.8   |       |       |

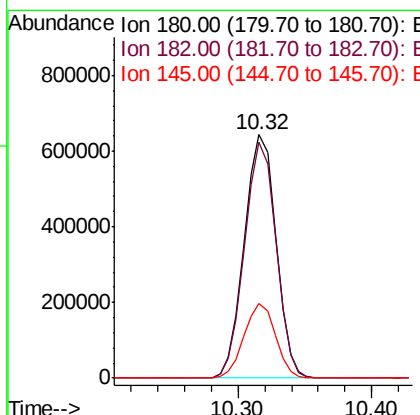
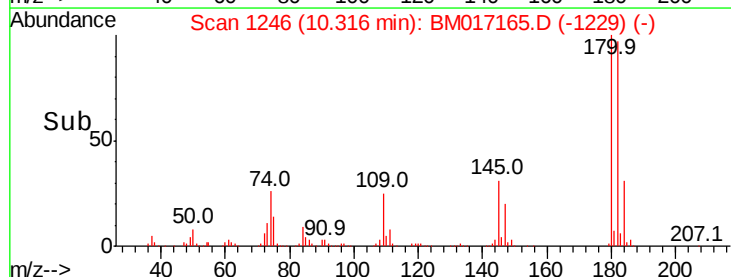
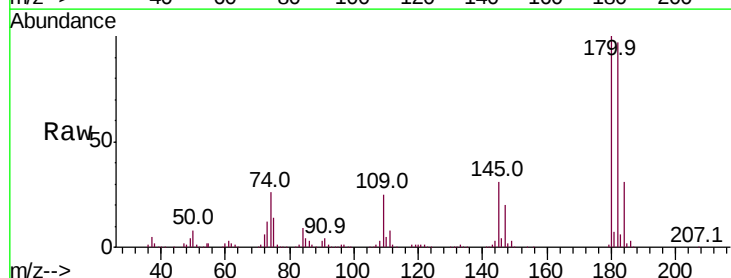
Manual Integrations  
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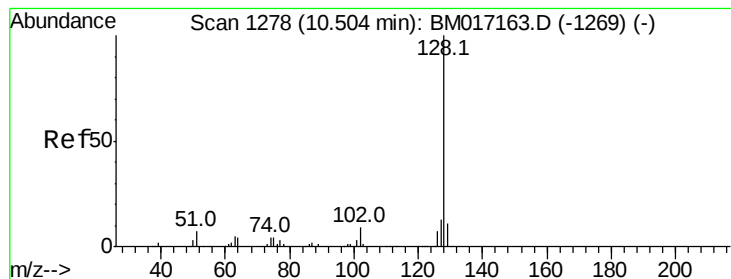
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#30  
1,2,4-Trichlorobenzene  
Concen: 58.737 ng  
RT: 10.32 min Scan# 1246  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 180     | 100  |       | 1058078 |       |       |
| 182     | 96.8 | 77.5  | 116.3   |       |       |
| 145     | 30.7 | 24.0  | 36.0    |       |       |





#31

Naphthalene

Concen: 59.850 ng

RT: 10.50 min Scan# 1278

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC060

Tot Ion:128 Resp: 2976428

Ion Ratio Lower Upper

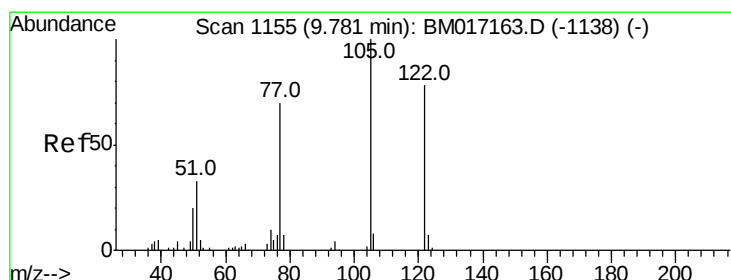
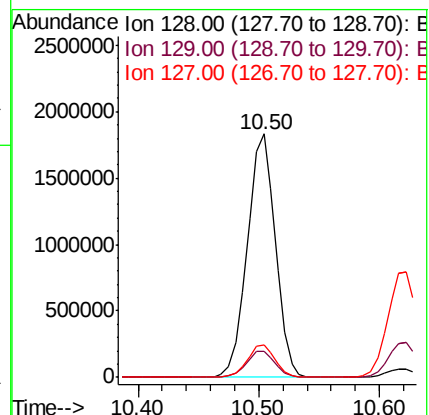
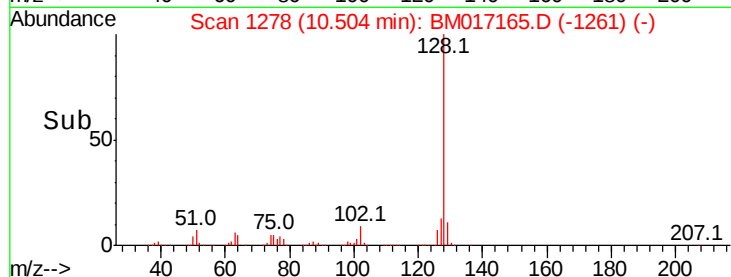
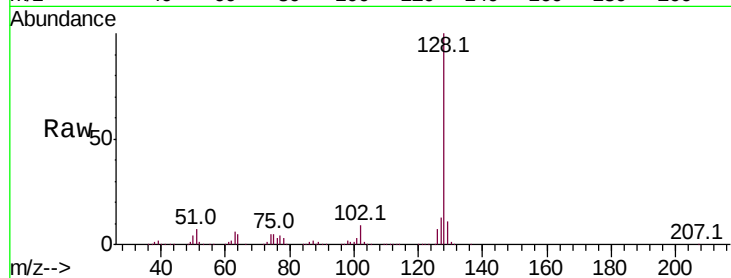
128 100

129 10.8 8.5 12.7

127 13.1 10.3 15.5

Manual Integrations  
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#32

Benzoic acid

Concen: 73.278 ng m

RT: 9.80 min Scan# 1158

Delta R.T. 0.02 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

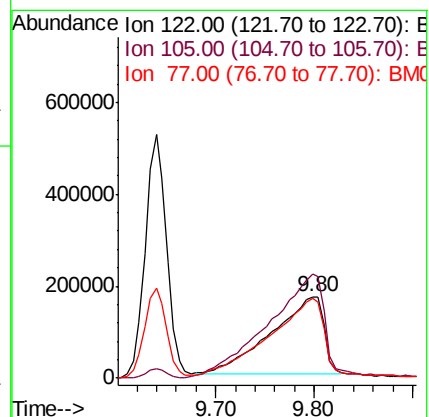
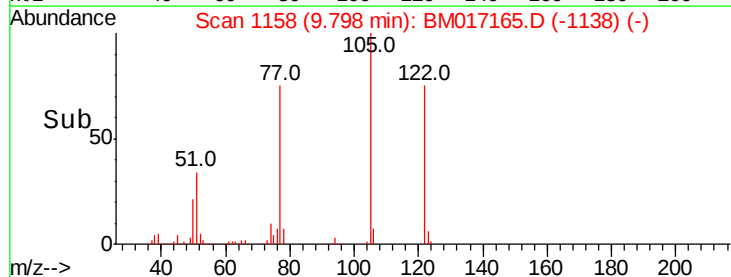
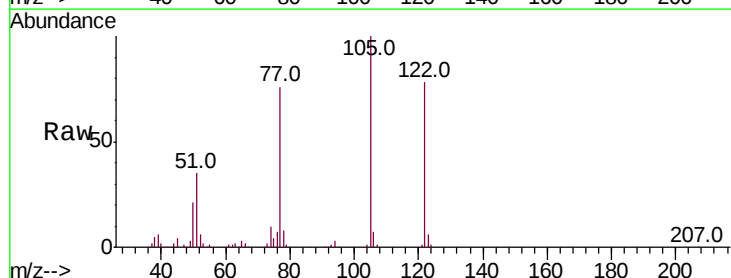
Tgt Ion:122 Resp: 605261

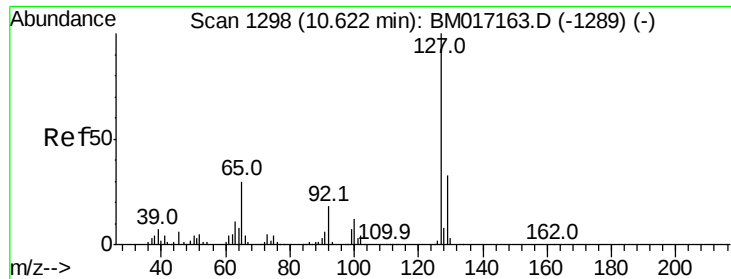
Ion Ratio Lower Upper

122 100

105 128.0 102.0 142.0

77 97.7 67.7 107.7





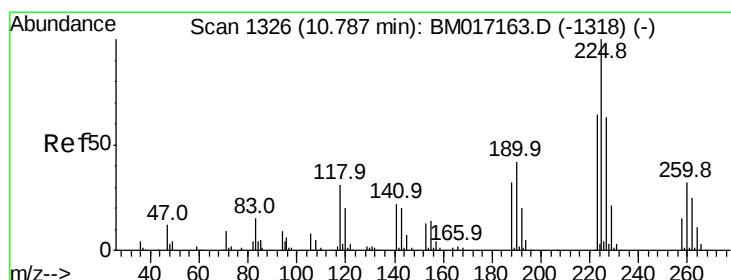
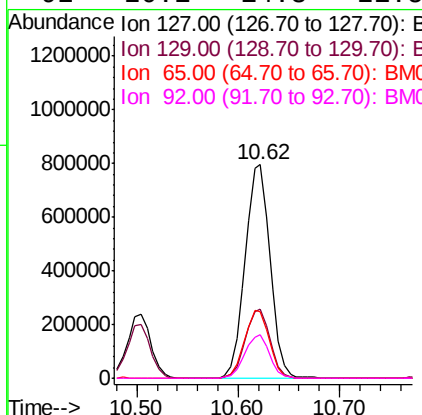
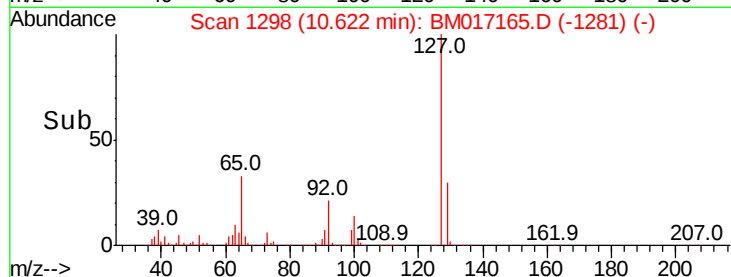
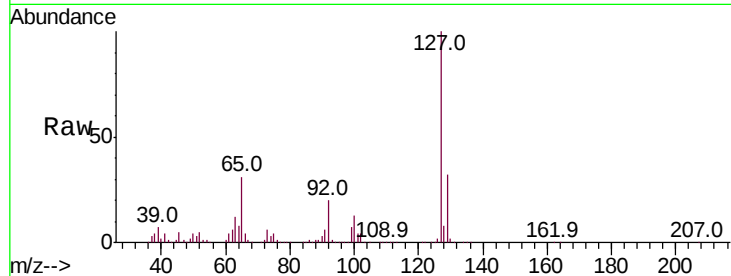
#33  
4-Chloroaniline  
Concen: 68.483 ng  
RT: 10.62 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.5  | 26.2  | 39.4  |
| 65      | 31.2  | 23.7  | 35.5  |
| 92      | 20.1  | 14.3  | 21.5  |

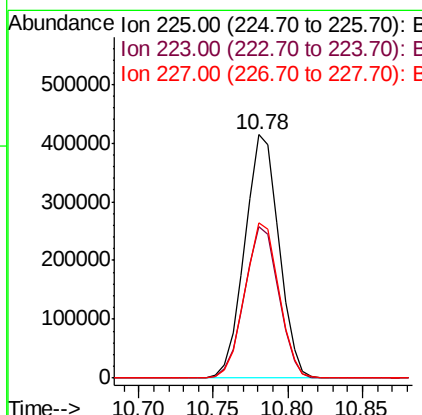
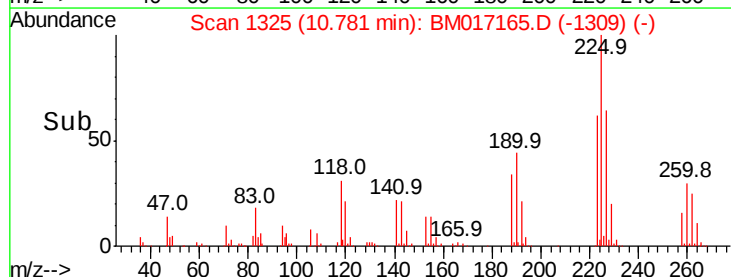
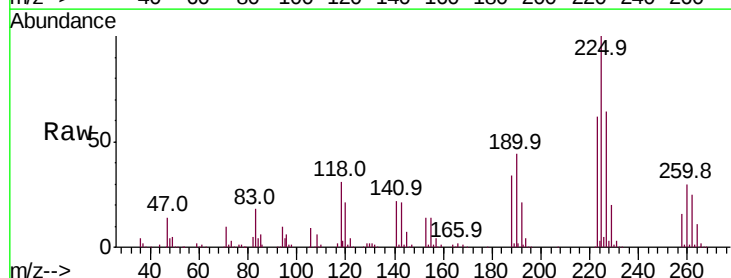
Manual Integrations  
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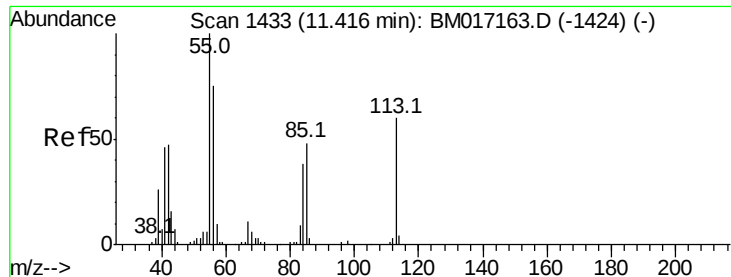
Sohil  
10/18/2018 1:58:30 PM



#34  
Hexachlorobutadiene  
Concen: 56.371 ng  
RT: 10.78 min Scan# 1325  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 51.0  | 76.6  |
| 227     | 63.6  | 50.8  | 76.2  |





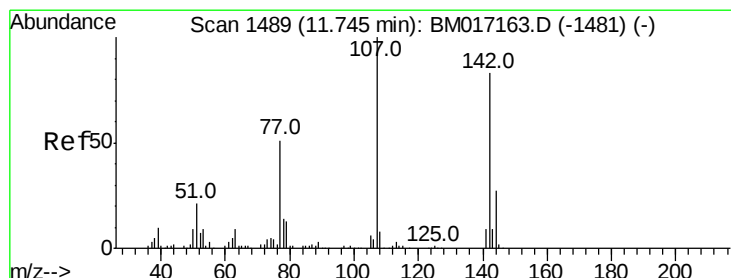
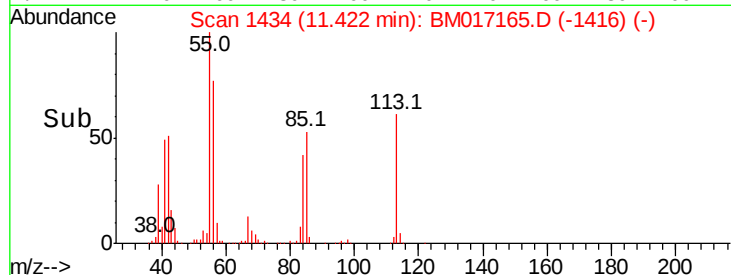
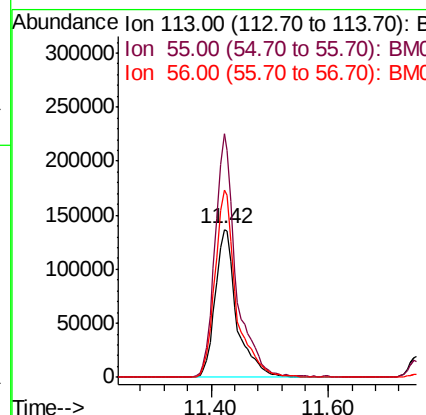
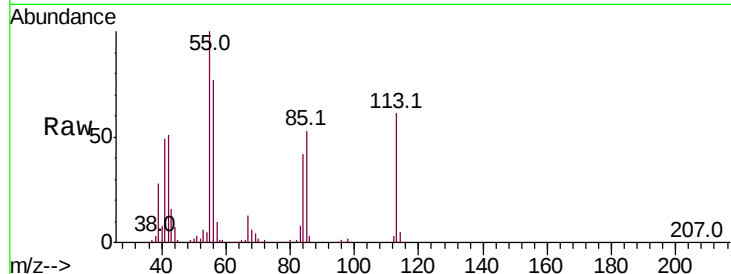
#35  
 Caprolactam  
 Concen: 77.181 ng/ml  
 RT: 11.42 min Scan# 1434  
 Delta R.T. 0.01 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

Instrument :  
 BNA\_M  
 ClientSampleID :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 164.3 | 147.0 | 187.0 |
| 56      | 126.2 | 104.5 | 144.5 |

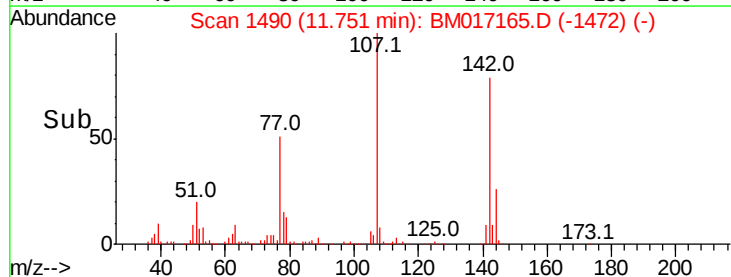
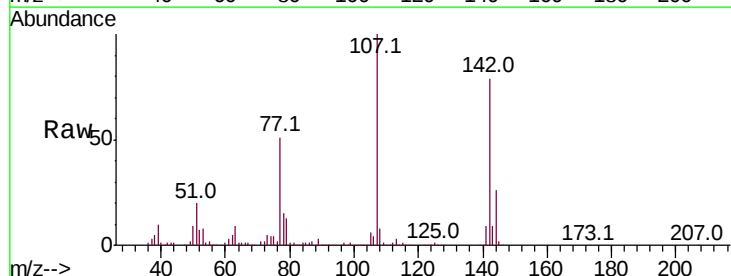
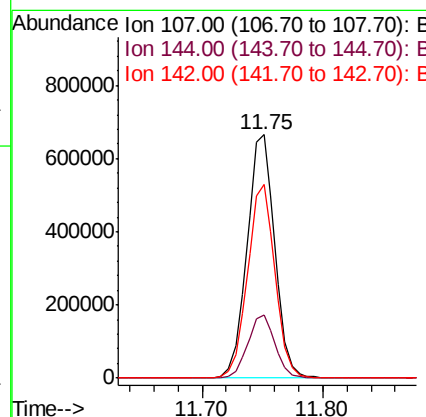
Manual Integrations  
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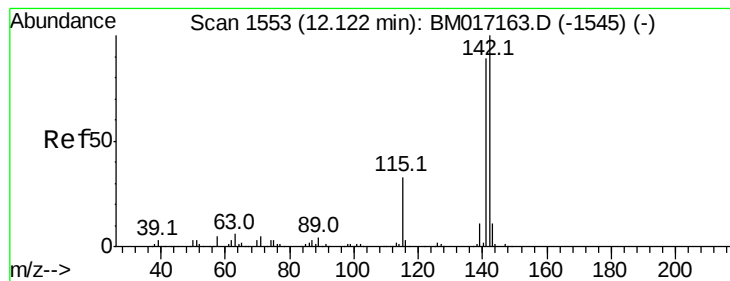
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#36  
 4-Chloro-3-methylphenol  
 Concen: 70.874 ng/ml  
 RT: 11.75 min Scan# 1490  
 Delta R.T. 0.01 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 26.0  | 21.6  | 32.4  |
| 142     | 79.5  | 66.0  | 99.0  |





#37  
 2-Methylnaphthalene  
 Concen: 63.703 ng  
 RT: 12.12 min Scan# 1553  
 Delta R.T. -0.00 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

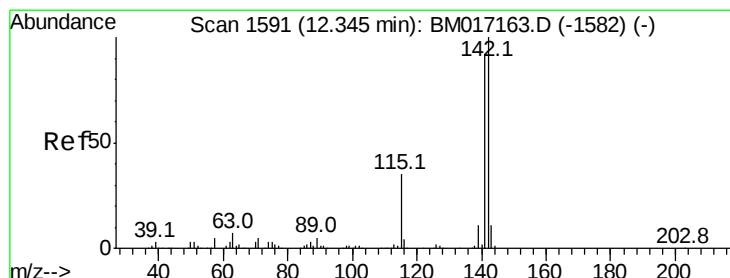
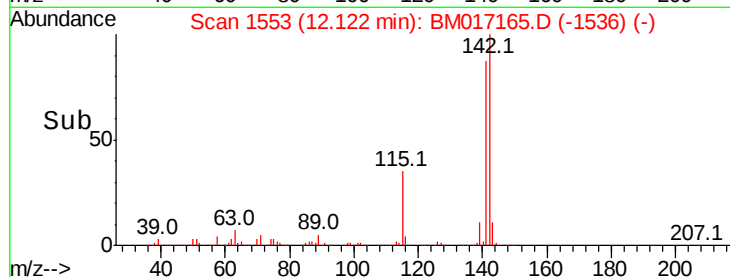
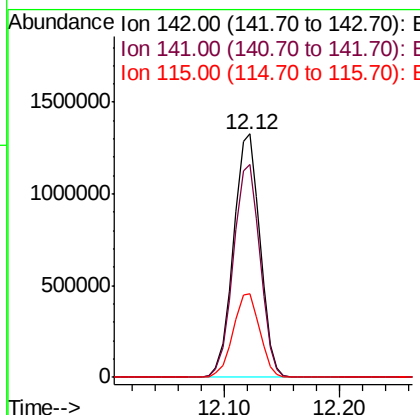
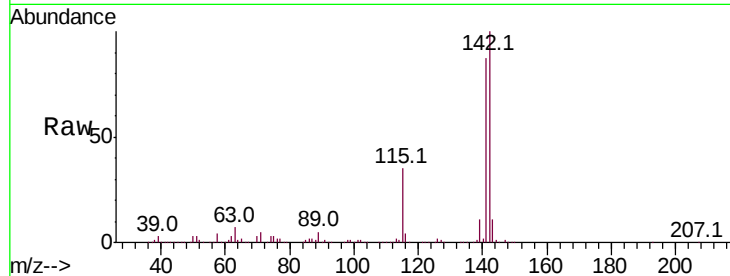
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC060

Tot Ion:142 Resp: 2108760  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 87.4  | 70.9  | 106.3 |
| 115 | 34.6  | 26.4  | 39.6  |

Manual Integrations  
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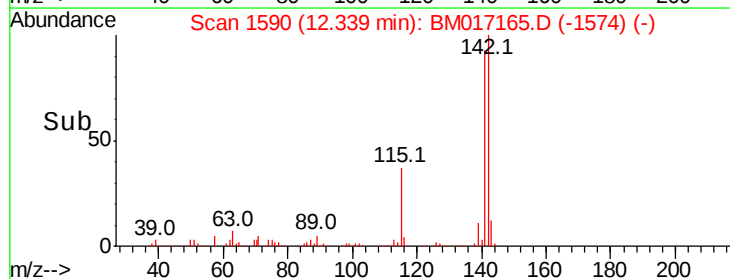
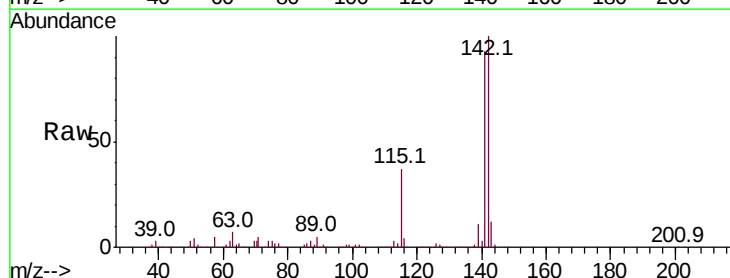
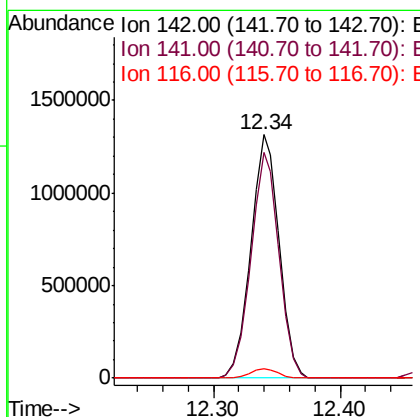
Sohil  
 10/18/2018 1:58:30 PM

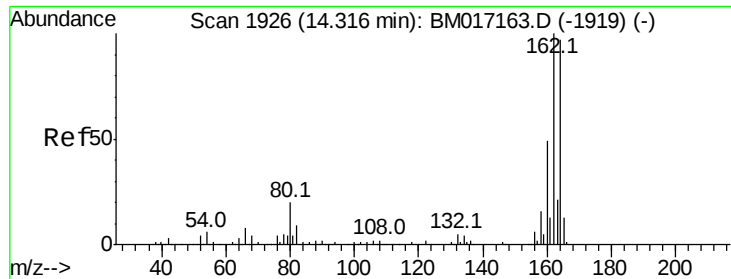


#38  
 1-Methylnaphthalene  
 Concen: 63.035 ng  
 RT: 12.34 min Scan# 1590  
 Delta R.T. -0.01 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

Tgt Ion:142 Resp: 2039392  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 92.6  | 73.8  | 110.6 |
| 116 | 3.9   | 2.9   | 4.3   |





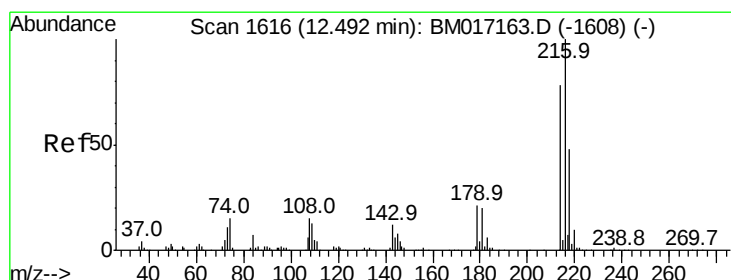
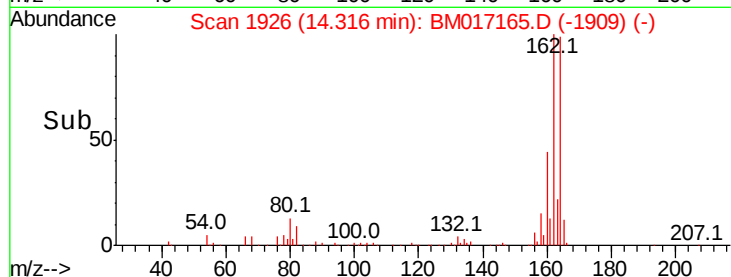
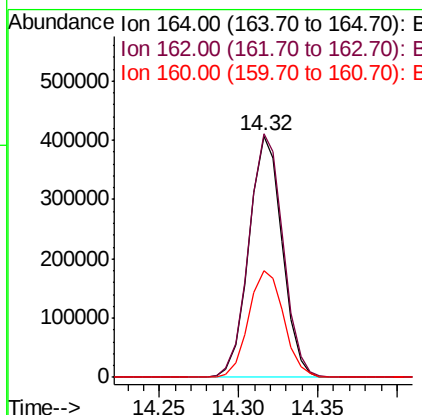
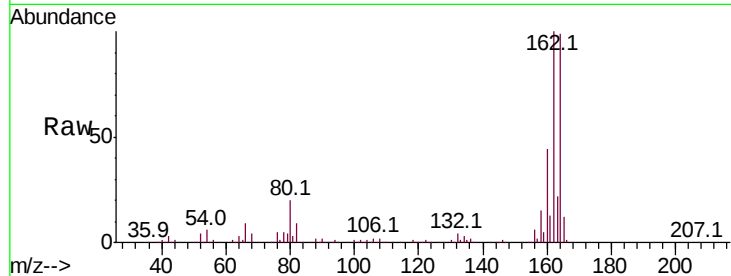
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.32 min Scan# 1926  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.8 | 82.1  | 123.1 |
| 160     | 44.2  | 40.2  | 60.2  |

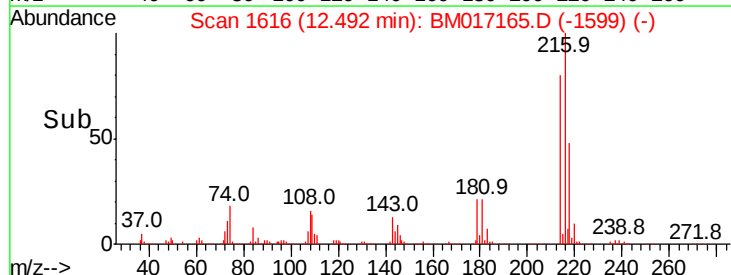
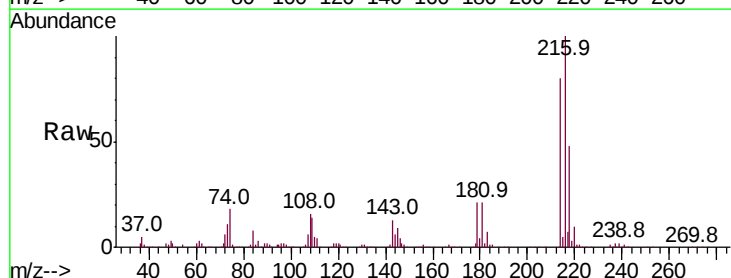
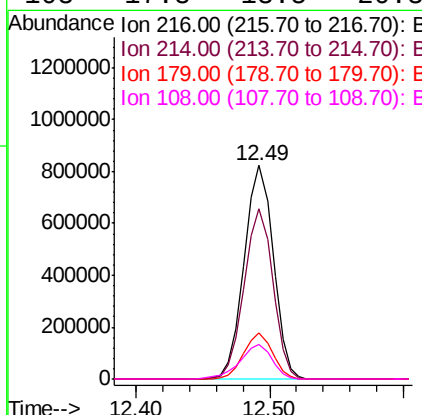
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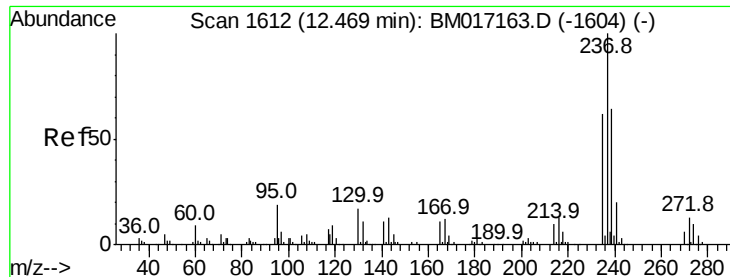
Sohil  
10/18/2018 1:58:30 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 55.924 ng  
RT: 12.49 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.6  | 62.6  | 93.8  |
| 179     | 21.1  | 16.6  | 24.8  |
| 108     | 17.8  | 13.5  | 20.3  |





#41

Hexachlorocyclopentadiene

Concen: 61.812 ng

RT: 12.47 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

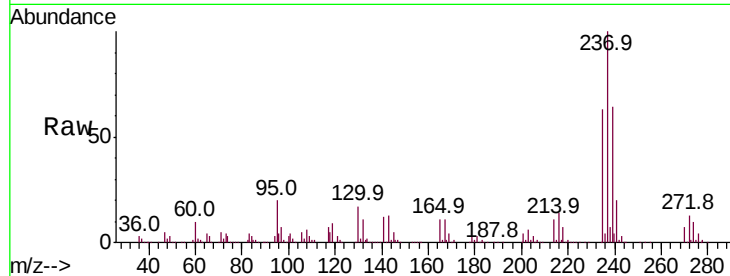
ClientSampleId :

SSTDIC060

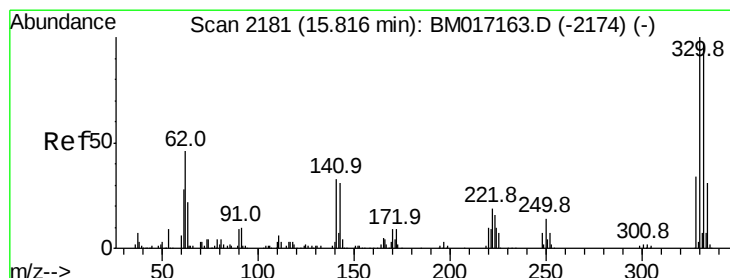
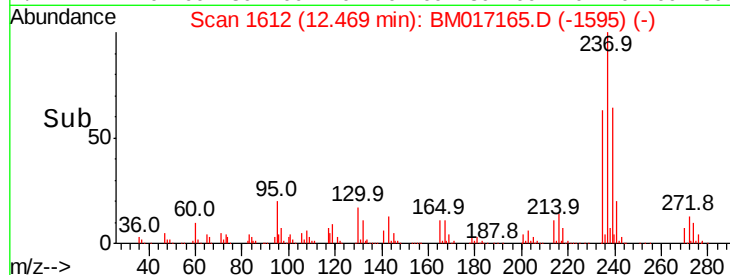
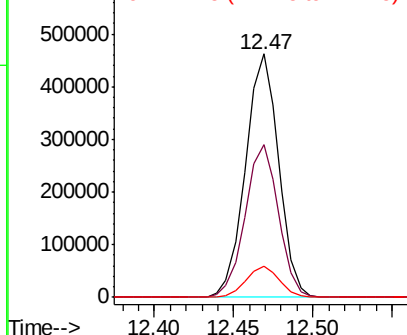
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 672171 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.6  | 42.4  | 82.4   |
| 272       | 12.9  | 0.0   | 33.0   |

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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: 119.894 ng

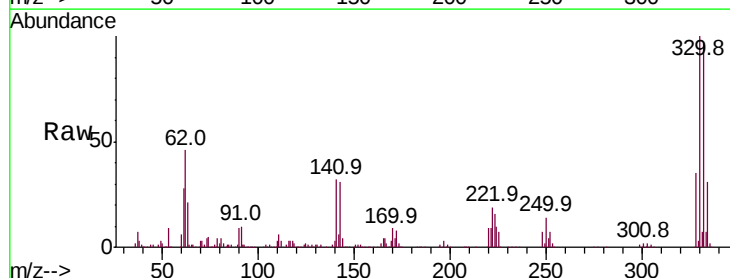
RT: 15.82 min Scan# 2181

Delta R.T. -0.00 min

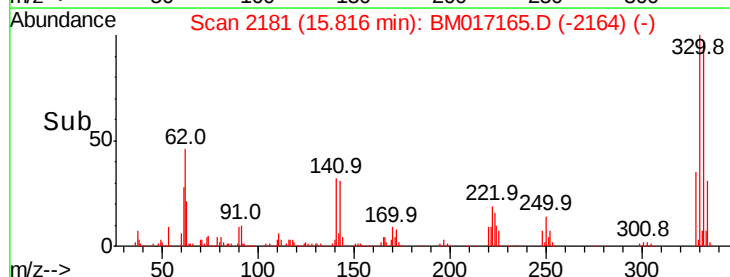
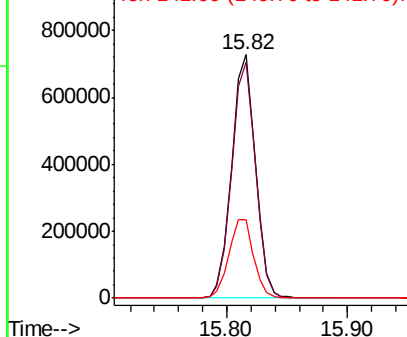
Lab File: BM017165.D

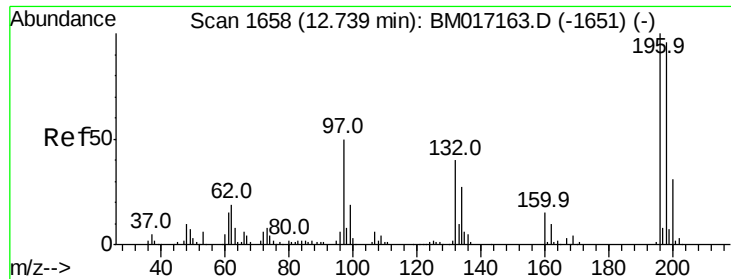
Acq: 17 Oct 2018 12:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 330   | Resp: | 1002344 |
| Ion Ratio | Lower | Upper |         |
| 330       | 100   |       |         |
| 332       | 97.2  | 77.3  | 115.9   |
| 141       | 33.8  | 27.4  | 41.0    |



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: 65.489 ng

RT: 12.74 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

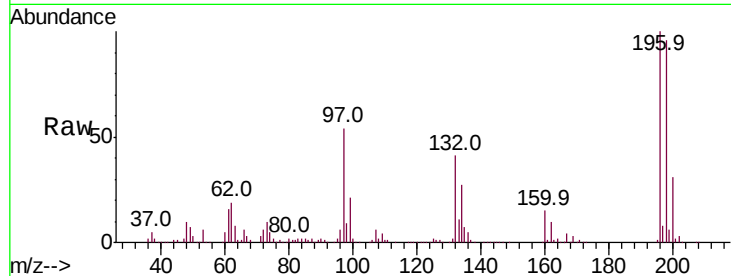
ClientSampled :

SSTDIC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 792111 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.8  | 77.1  | 115.7  |
| 200       | 30.6  | 25.0  | 37.4   |

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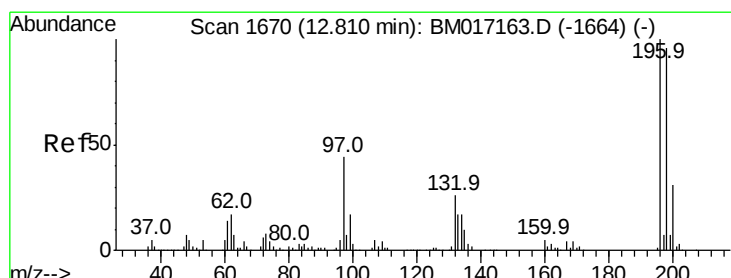
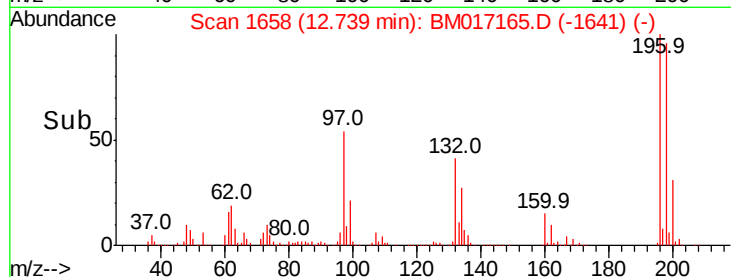
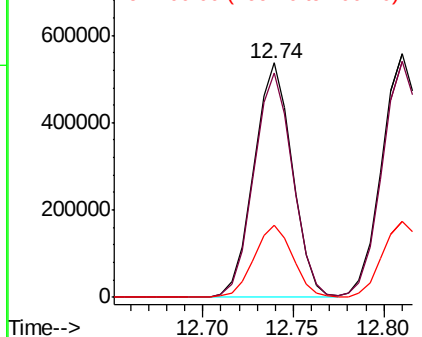


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 63.778 ng

RT: 12.81 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 838505 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 96.7  | 76.6  | 115.0  |
| 97        | 48.5  | 35.5  | 53.3   |
| 132       | 26.8  | 20.7  | 31.1   |

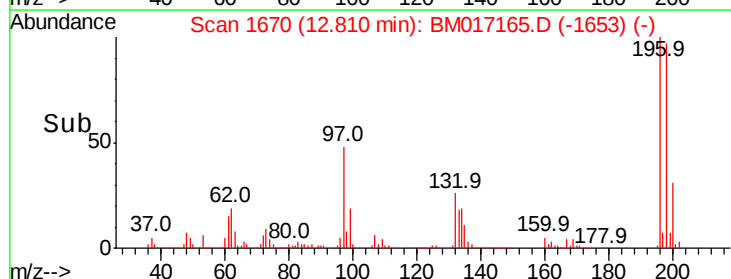
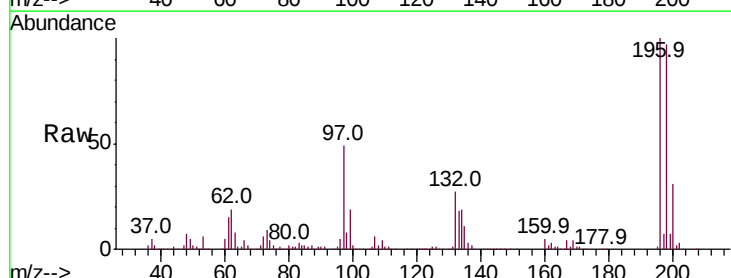
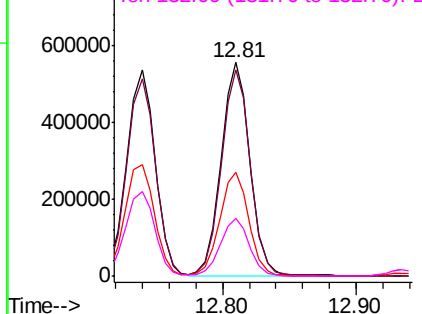
Abundance

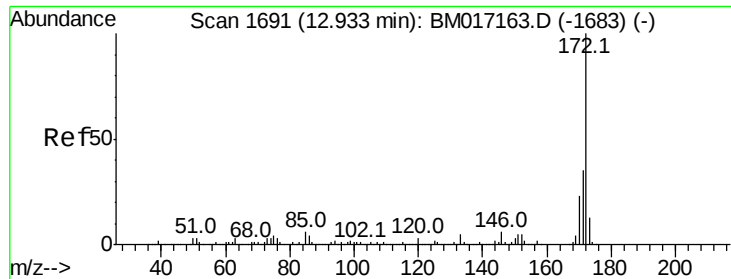
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E





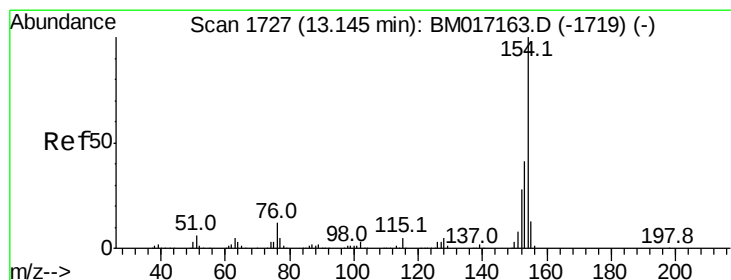
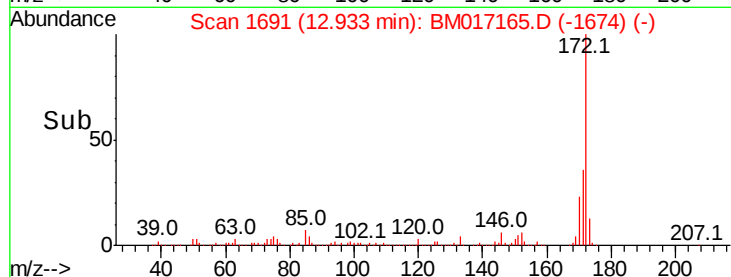
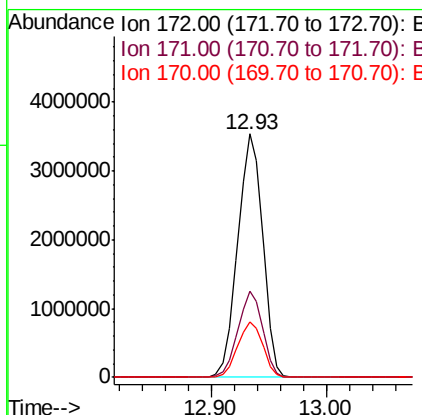
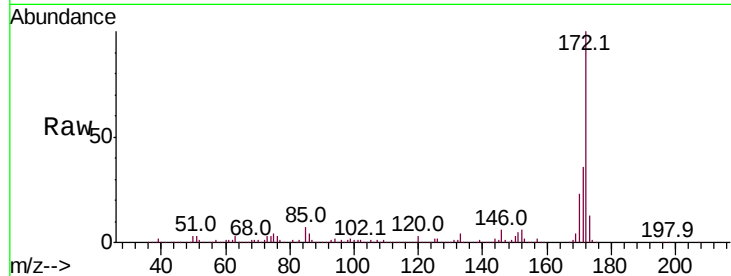
#45  
2-Fluorobiphenyl  
Concen: 115.345 ng  
RT: 12.93 min Scan# 1691  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

Tot Ion:172 Resp: 5291137  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.3 42.5  
170 22.9 18.3 27.5

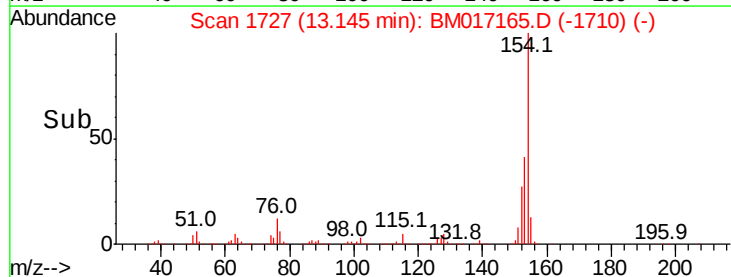
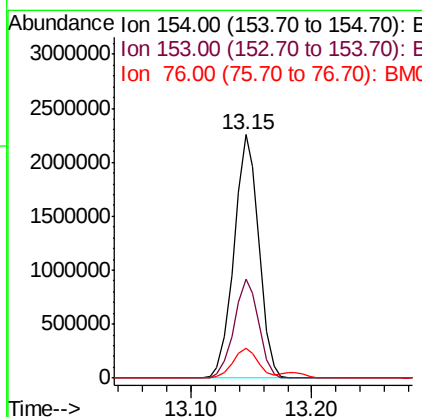
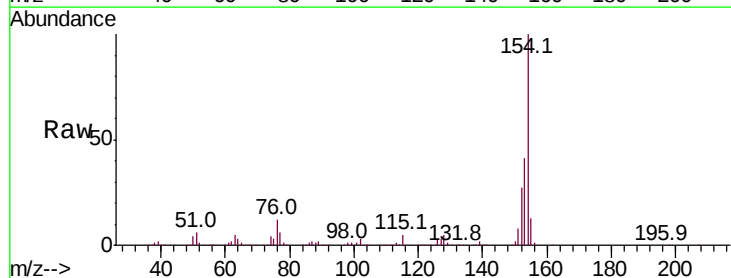
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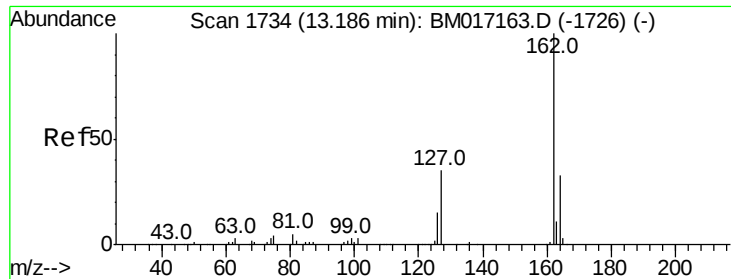
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#46  
1,1'-Biphenyl  
Concen: 59.111 ng  
RT: 13.15 min Scan# 1727  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Tgt Ion:154 Resp: 3204795  
Ion Ratio Lower Upper  
154 100  
153 40.6 20.5 60.5  
76 12.4 0.0 31.8





#47

2-Chloronaphthalene

Concen: 59.097 ng

RT: 13.19 min Scan# 1734

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

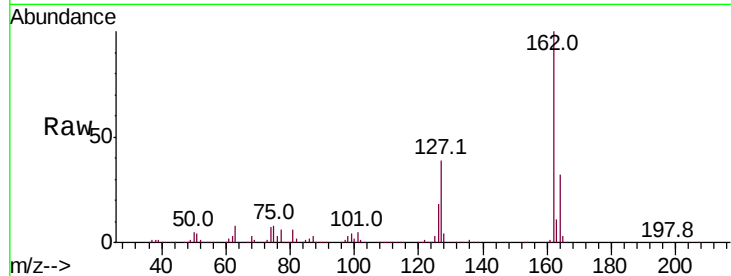
ClientSampleId :

SSTDICC060

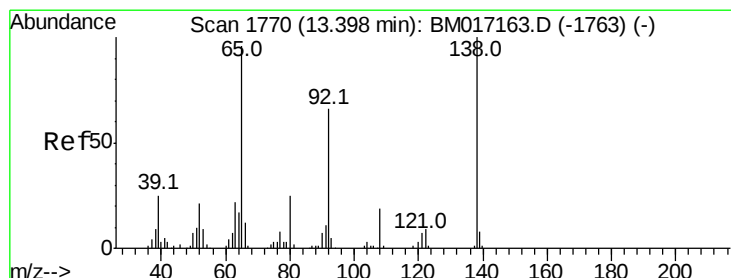
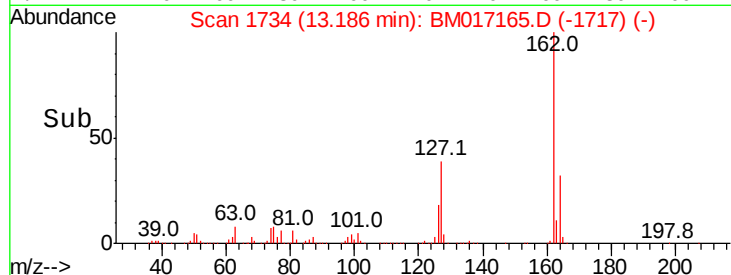
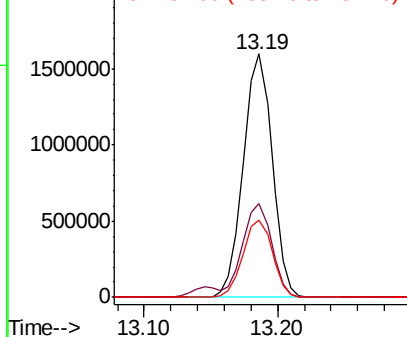
|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 162   | Resp: | 2387355 |
| Ion      | Ratio | Lower | Upper   |
| 162      | 100   |       |         |
| 127      | 38.7  | 31.0  | 46.4    |
| 164      | 31.9  | 26.6  | 39.8    |

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



#48

2-Nitroaniline

Concen: 87.281 ng

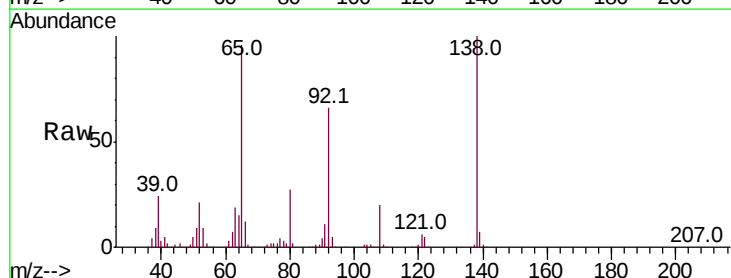
RT: 13.40 min Scan# 1770

Delta R.T. 0.00 min

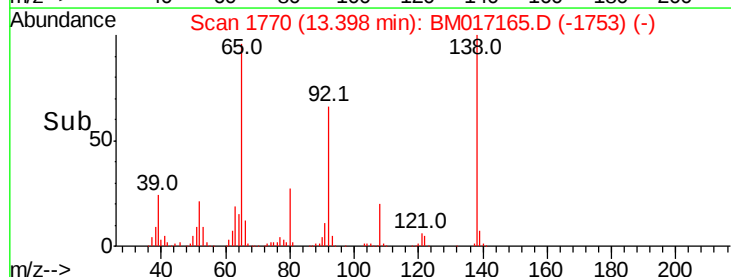
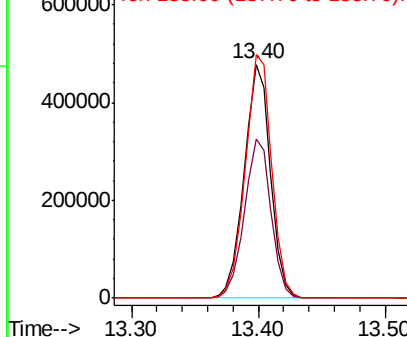
Lab File: BM017165.D

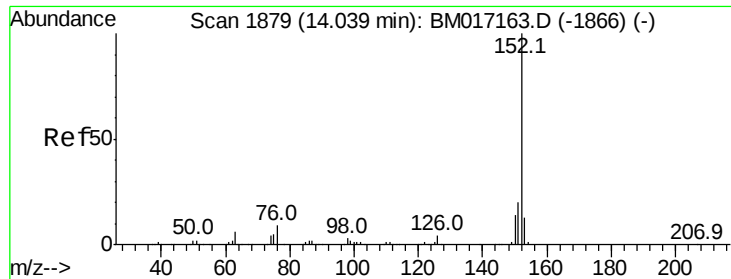
Acq: 17 Oct 2018 12:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 688517 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 68.2  | 54.9  | 82.3   |
| 138      | 104.1 | 83.7  | 125.5  |



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





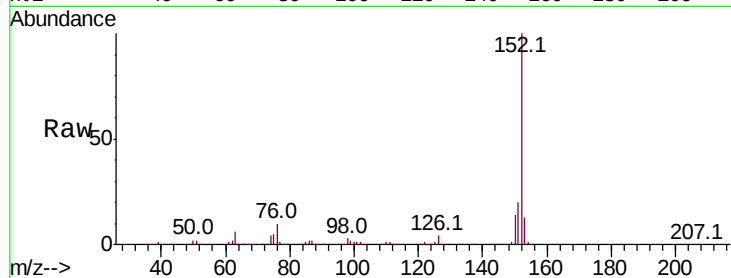
#49  
Acenaphthylene  
Concen: 61.480 ng  
RT: 14.04 min Scan# 1879  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.7  | 16.0  | 24.0  |
| 153     | 12.9  | 10.4  | 15.6  |

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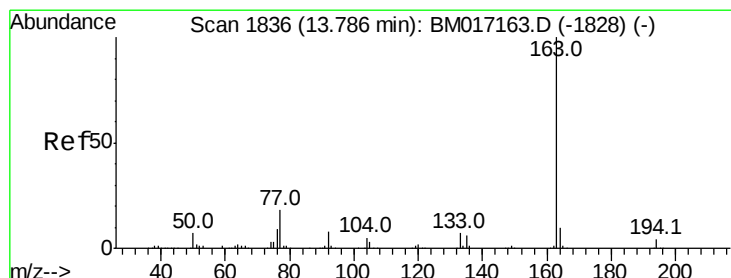
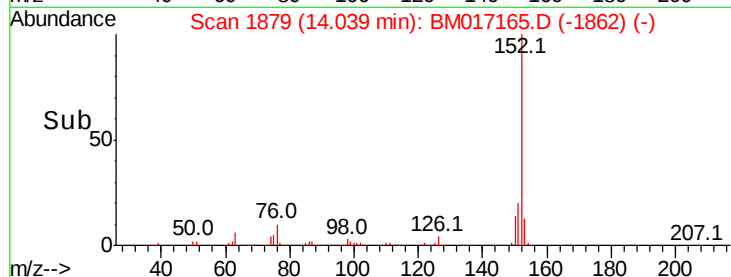
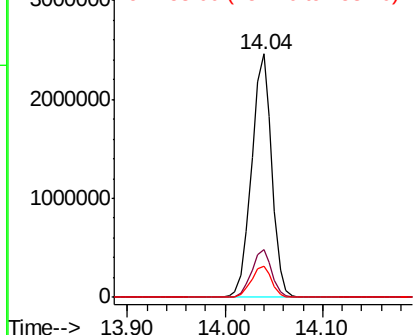


Abundance

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: 62.441 ng  
RT: 13.79 min Scan# 1836  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

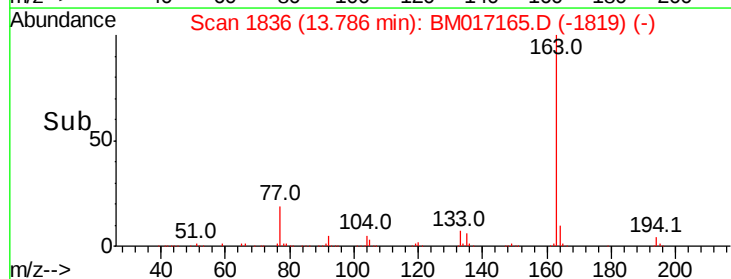
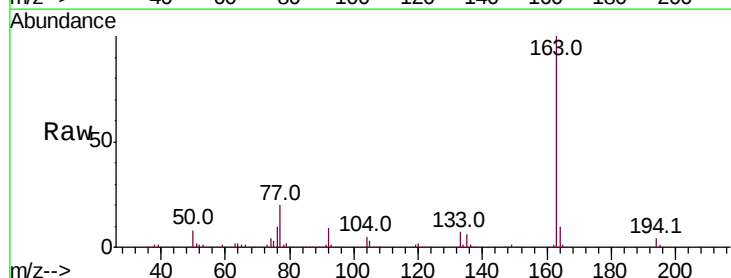
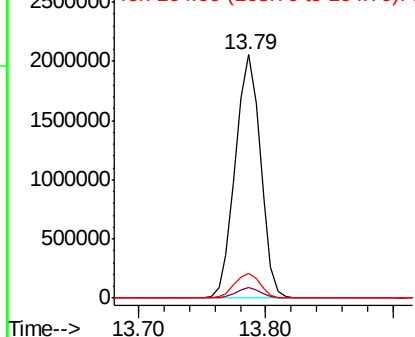
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.2   | 3.3   | 4.9   |
| 164     | 10.1  | 7.8   | 11.8  |

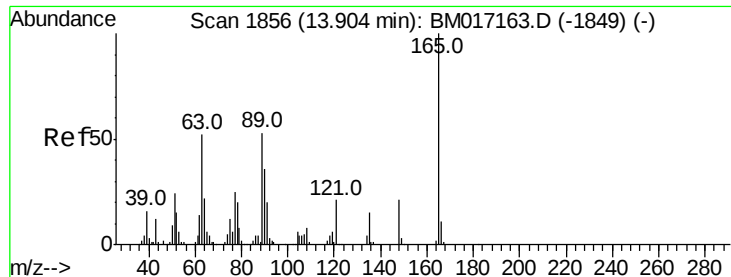
Abundance

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





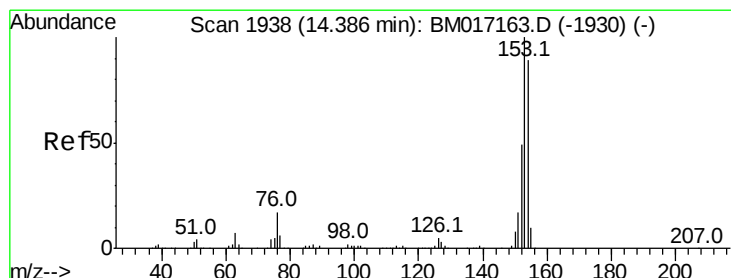
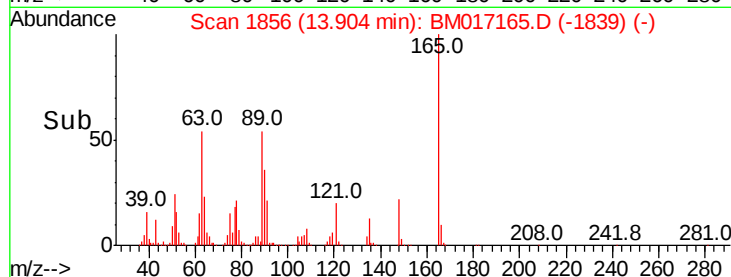
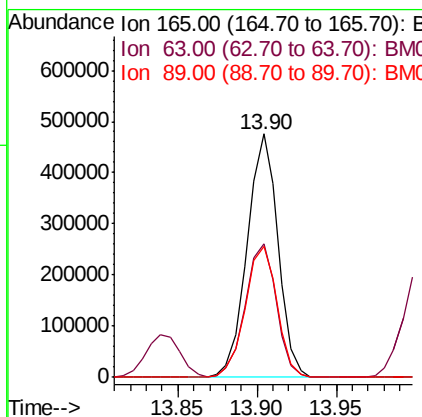
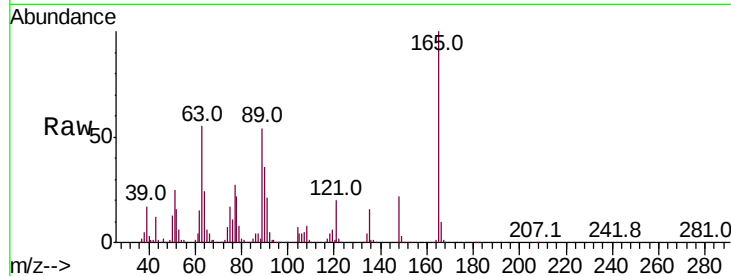
#51  
2,6-Dinitrotoluene  
Concen: 64.071 ng  
RT: 13.90 min Scan# 1856  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 54.7  | 42.7  | 64.1  |
| 89      | 54.0  | 42.1  | 63.1  |

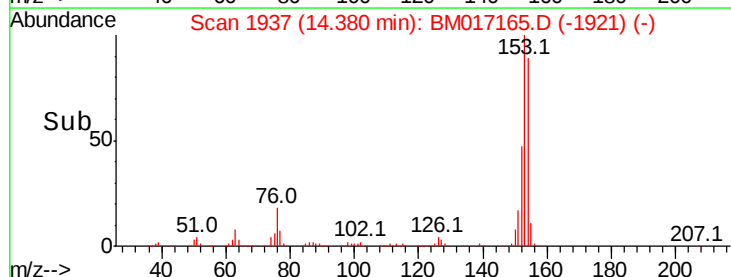
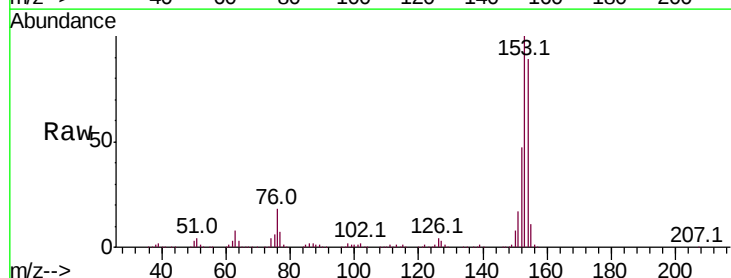
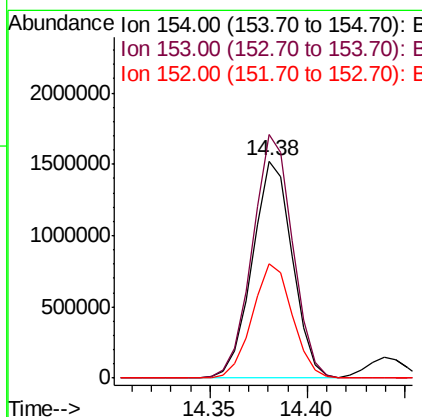
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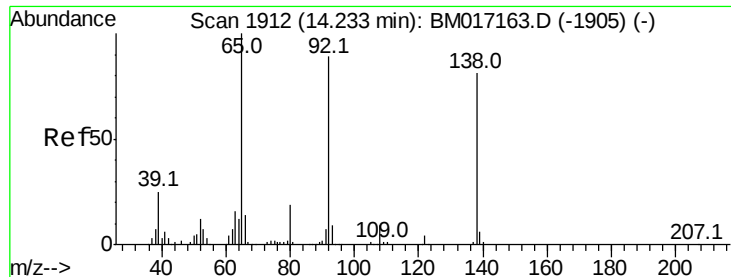
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#52  
Acenaphthene  
Concen: 59.469 ng  
RT: 14.38 min Scan# 1937  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.1 | 90.2  | 135.2 |
| 152     | 52.4  | 44.2  | 66.4  |





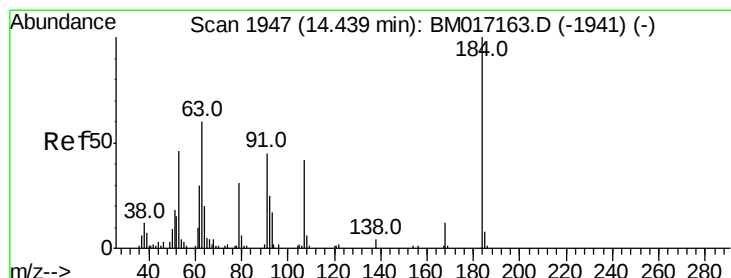
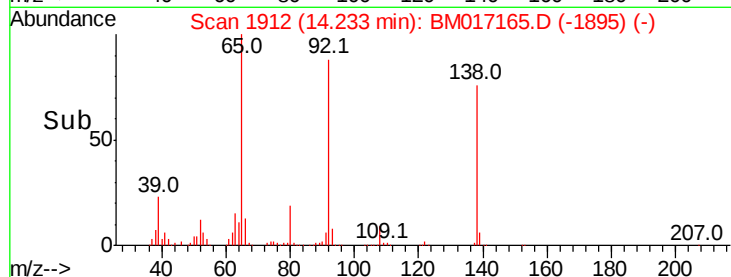
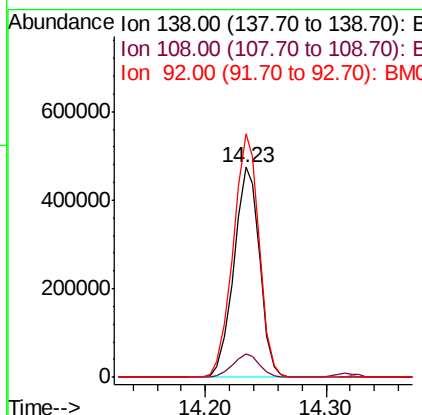
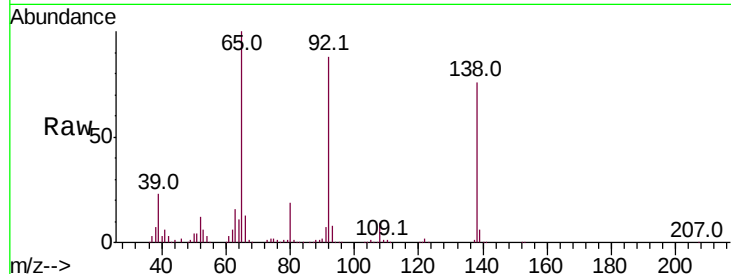
#53  
3-Nitroaniline  
Concen: 68.990 ng  
RT: 14.23 min Scan# 1912  
Delta R.T. 0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.2  | 8.7   | 13.1  |
| 92      | 116.0 | 87.9  | 131.9 |

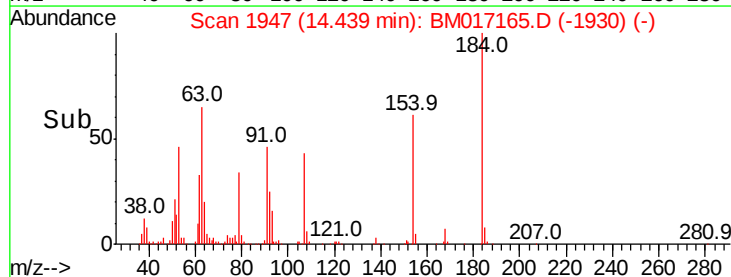
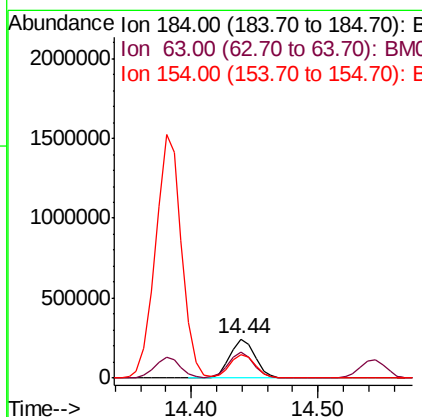
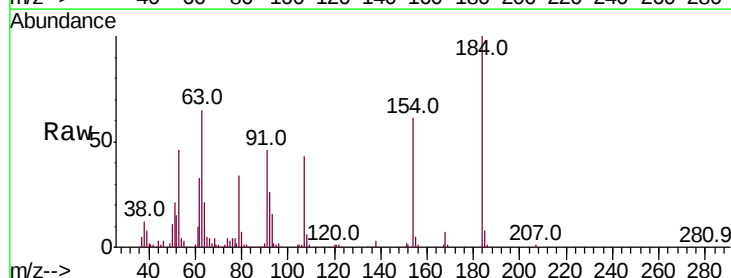
Manual Integrations  
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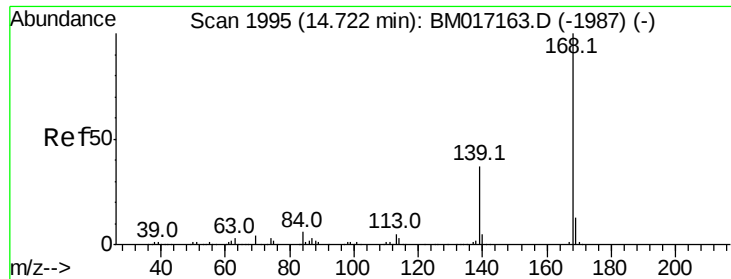
Sohil  
10/18/2018 1:58:30 PM



#54  
2,4-Dinitrophenol  
Concen: 73.569 ng  
RT: 14.44 min Scan# 1947  
Delta R.T. 0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 65.2  | 51.2  | 76.8  |
| 154     | 61.4  | 47.8  | 71.8  |





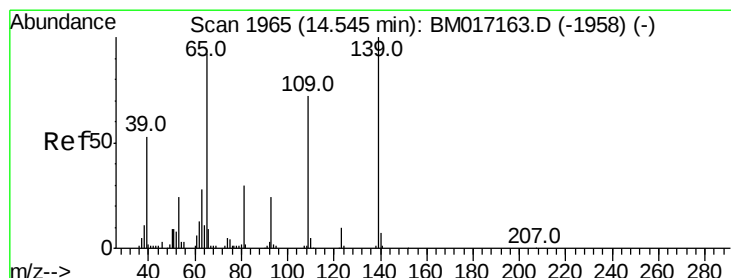
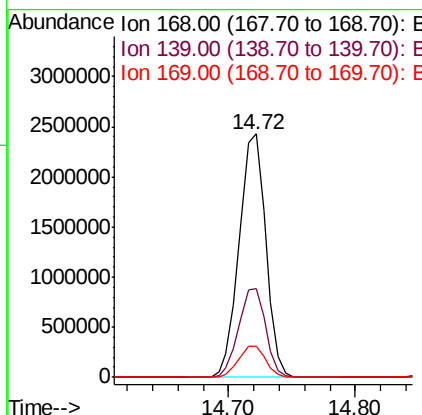
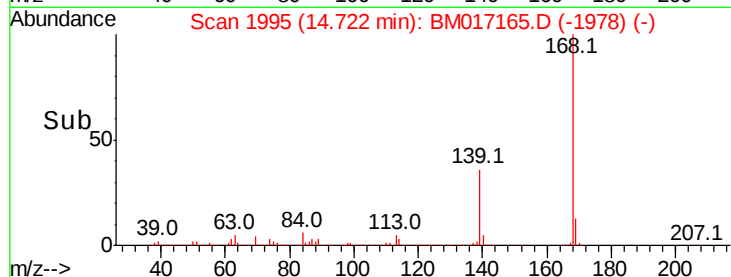
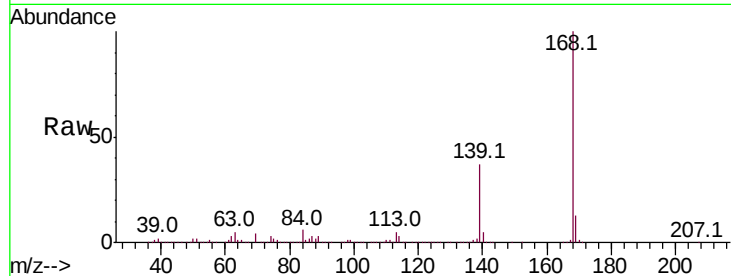
#55  
Dibenzofuran  
Concen: 57.653 ng  
RT: 14.72 min Scan# 1995  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

Tot Ion:168 Resp: 3528006  
Ion Ratio Lower Upper  
168 100  
139 36.5 29.3 43.9  
169 13.0 10.6 15.8

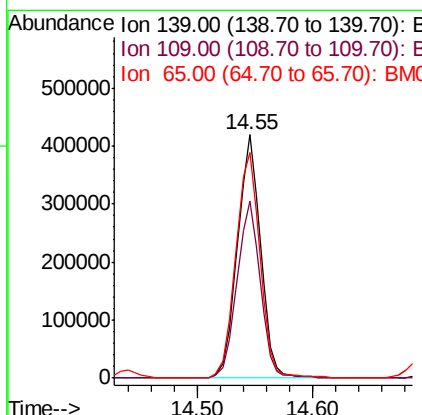
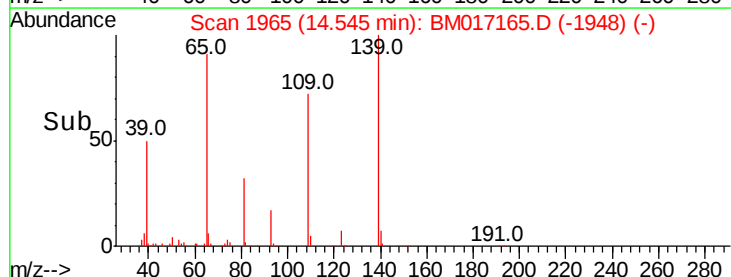
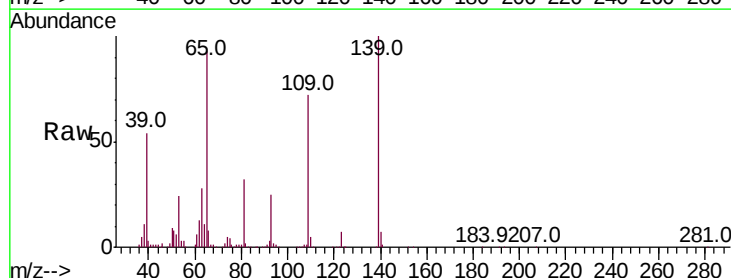
Manual Integrations  
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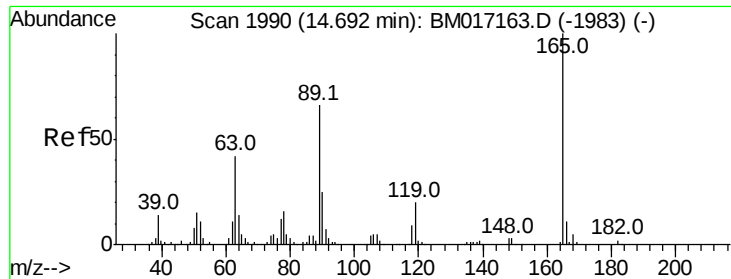
Sohil  
10/18/2018 1:58:30 PM



#56  
4-Nitrophenol  
Concen: 67.953 ng  
RT: 14.55 min Scan# 1965  
Delta R.T. 0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Tgt Ion:139 Resp: 583850  
Ion Ratio Lower Upper  
139 100  
109 72.5 51.8 91.8  
65 92.9 72.1 112.1





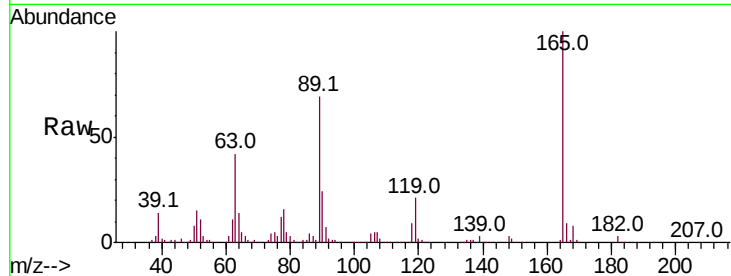
#57  
2,4-Dinitrotoluene  
Concen: 64.871 ng  
RT: 14.69 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampled :  
SSTDIC060

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 883021 |       |       |
| 63      | 41.9  |        | 33.8  | 50.8  |
| 89      | 68.5  |        | 53.1  | 79.7  |
| 182     | 2.9   |        | 2.0   | 3.0   |

Manual Integrations  
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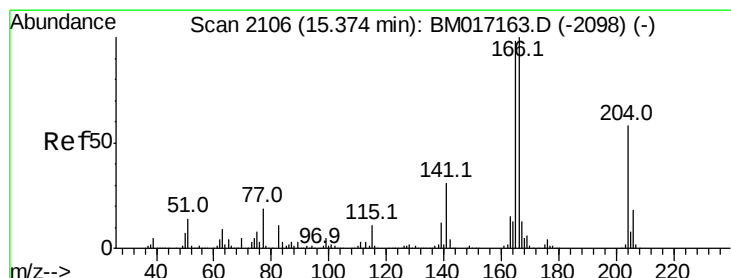
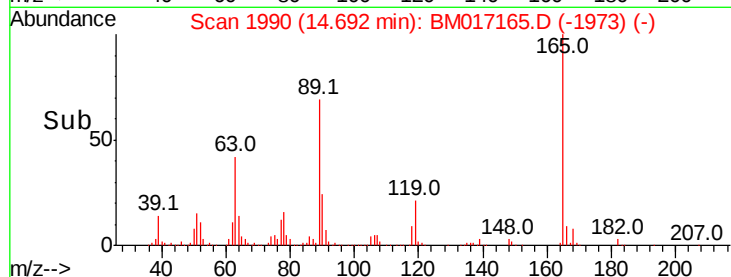
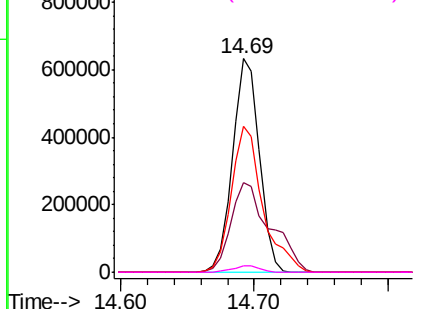
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

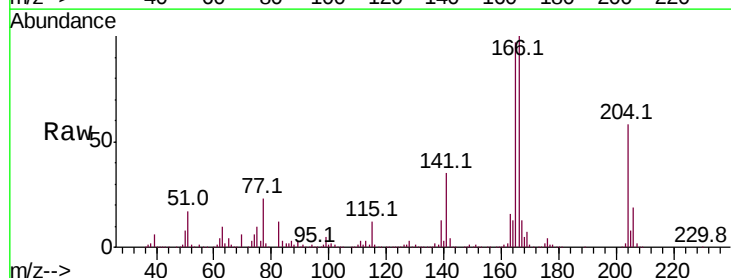
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 58.684 ng  
RT: 15.37 min Scan# 2105  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 2653555 |       |       |
| 165     | 96.8  |         | 78.1  | 117.1 |
| 167     | 13.5  |         | 10.6  | 16.0  |

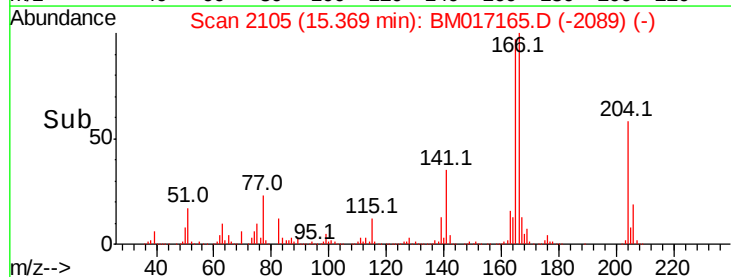
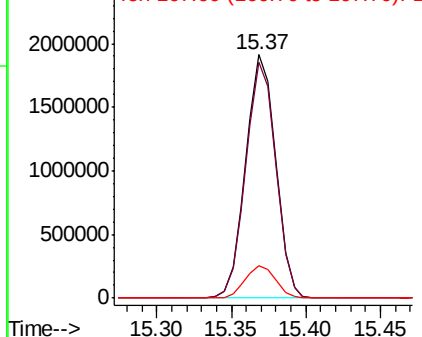


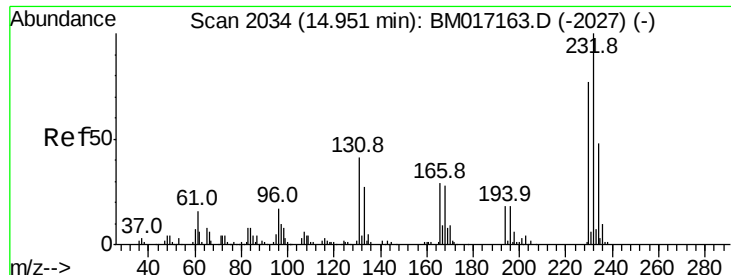
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





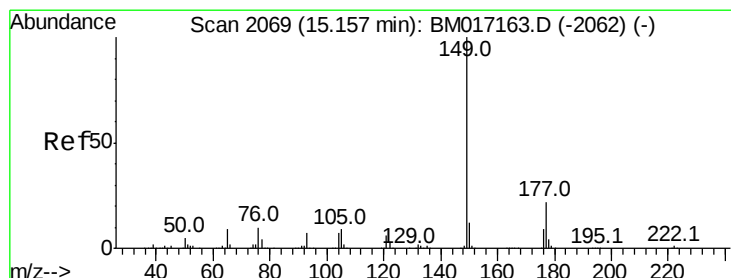
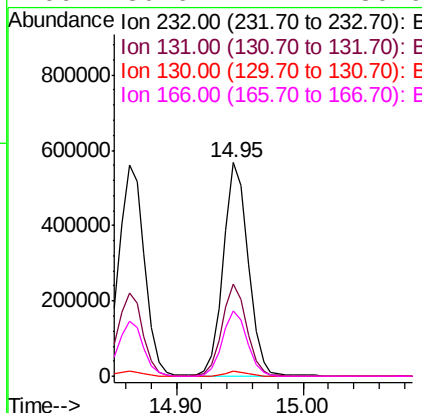
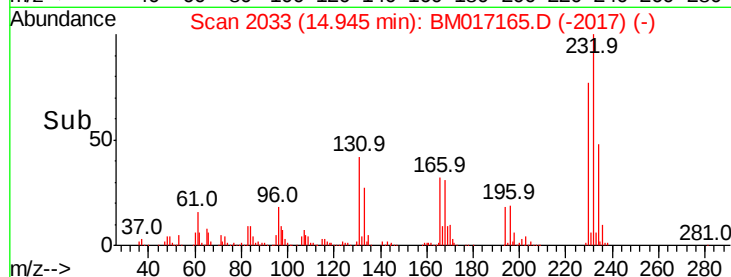
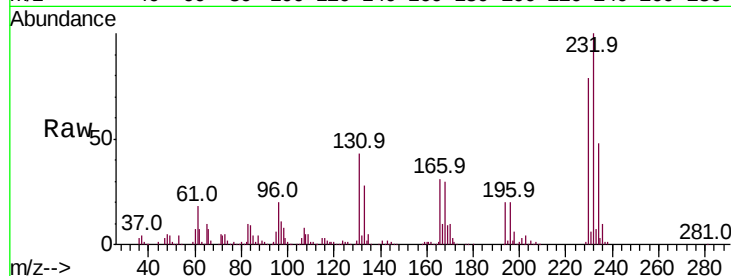
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 62.043 ng  
RT: 14.95 min Scan# 2033  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 42.8  | 33.1  | 49.7  |
| 130     | 2.2   | 1.7   | 2.5   |
| 166     | 30.6  | 24.4  | 36.6  |

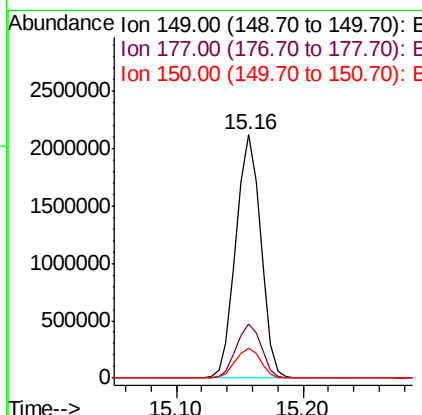
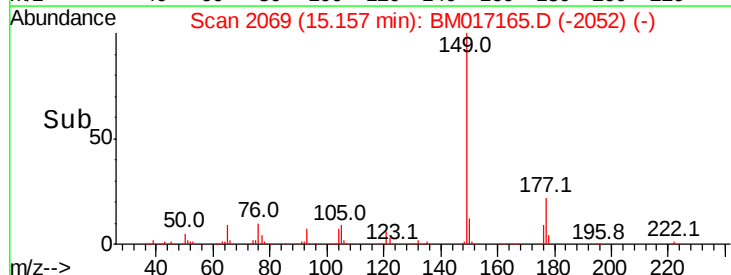
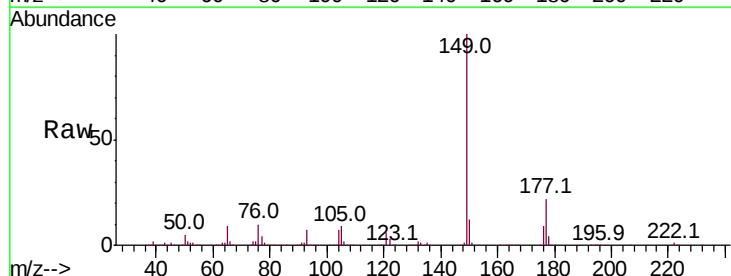
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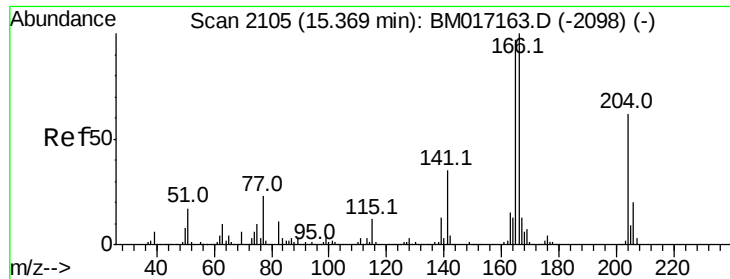
Sohil  
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#60  
Diethylphthalate  
Concen: 62.112 ng  
RT: 15.16 min Scan# 2069  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.4  | 17.7  | 26.5  |
| 150     | 12.4  | 10.0  | 15.0  |





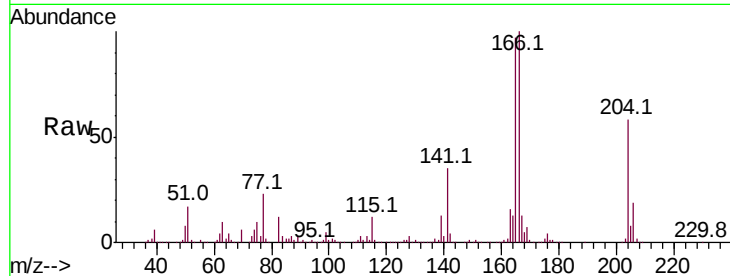
#61  
4-Chlorophenyl-phenylether  
Concen: 56.987 ng  
RT: 15.37 min Scan# 2105  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.4  | 26.1  | 39.1  |
| 141     | 60.0  | 45.4  | 68.2  |

Manual Integrations  
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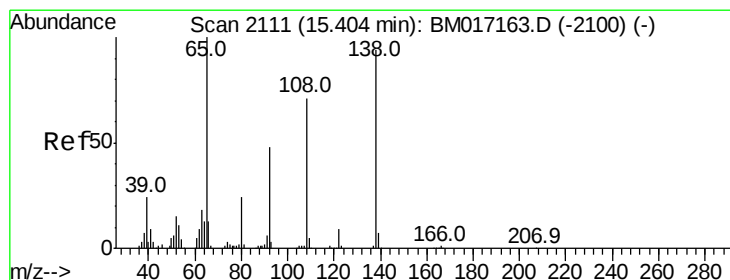
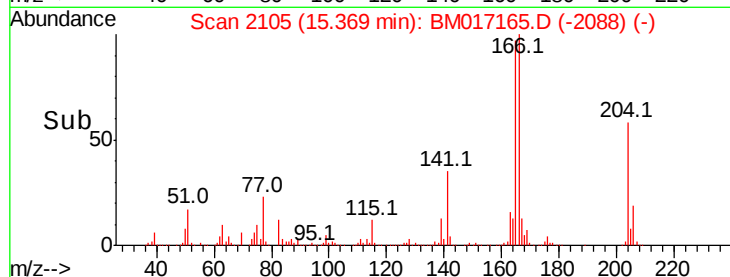
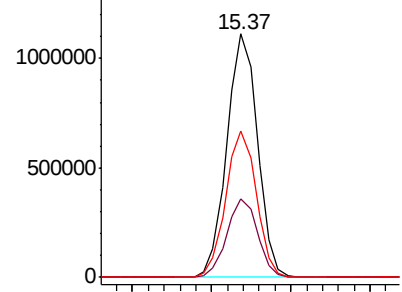


Abundance

Ion 204.00 (203.70 to 204.70): E

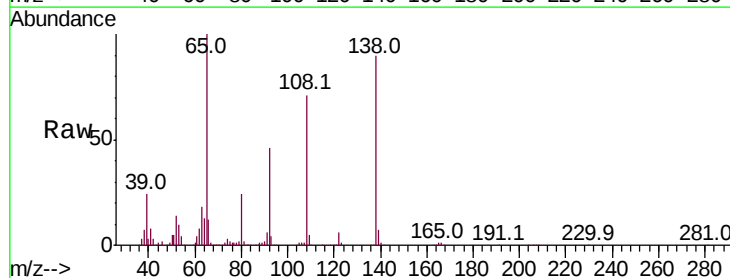
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 72.337 ng  
RT: 15.40 min Scan# 2111  
Delta R.T. 0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 51.5  | 31.2  | 71.2  |
| 108     | 79.1  | 55.5  | 95.5  |

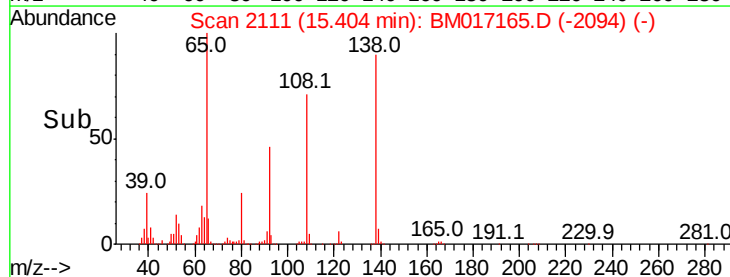
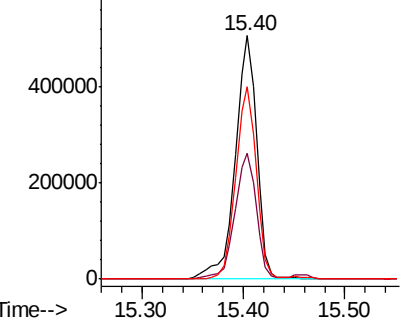


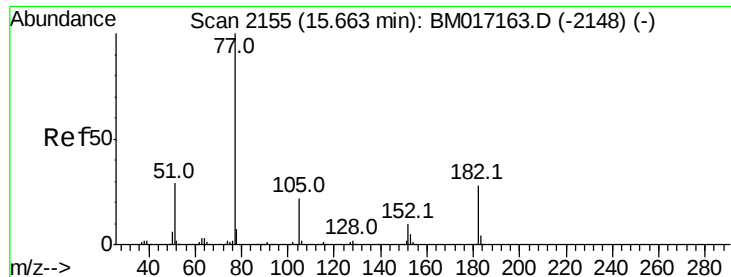
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E





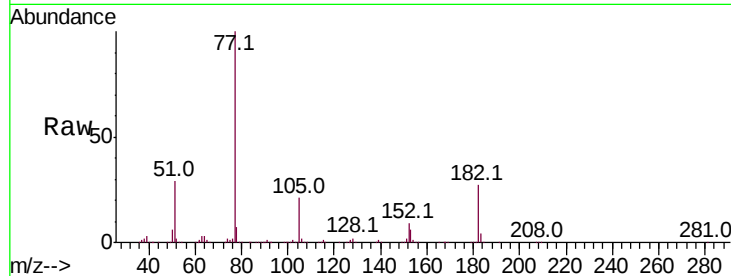
#63  
Azobenzene  
Concen: 64.143 ng  
RT: 15.66 min Scan# 2155  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.1  | 8.3   | 48.3  |
| 105     | 21.1  | 1.5   | 41.5  |
| 51      | 29.2  | 8.8   | 48.8  |

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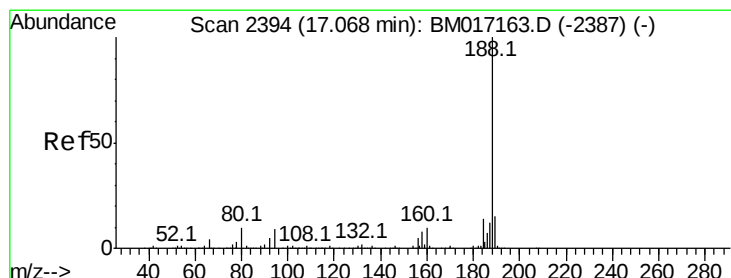
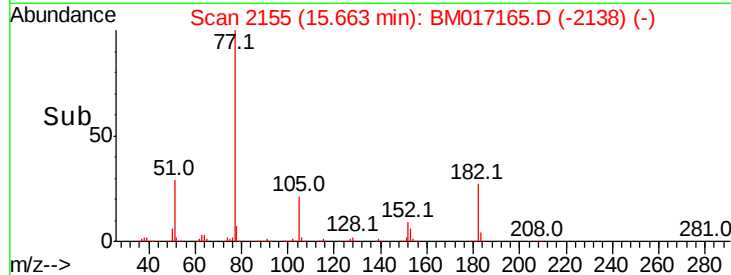
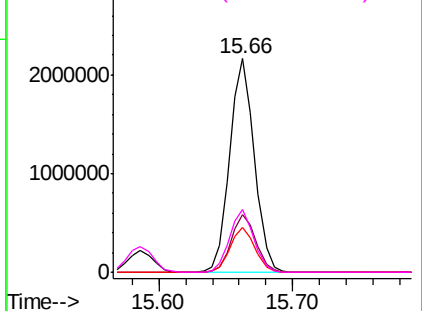
Abundance

Ion 77.00 (76.70 to 77.70): BM017165.D (-2148) (-)

Ion 182.00 (181.70 to 182.70): BM017165.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): BM017165.D (-2148) (-)

Ion 51.00 (50.70 to 51.70): BM017165.D (-2148) (-)



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.07 min Scan# 2394  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

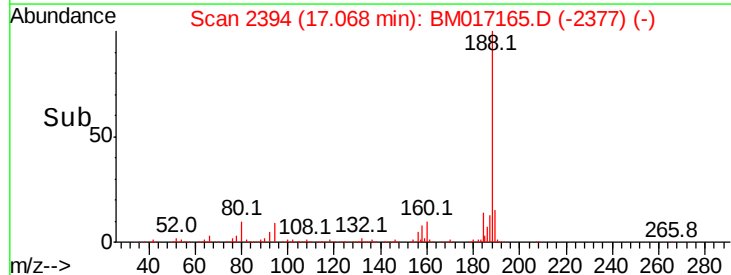
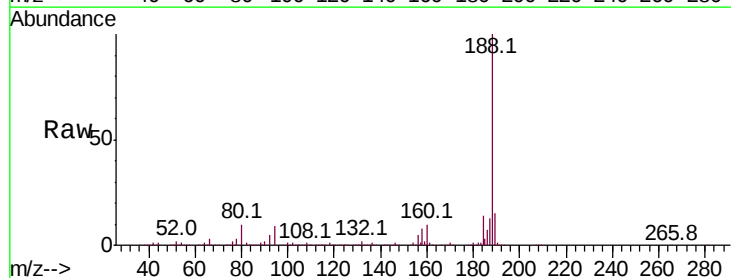
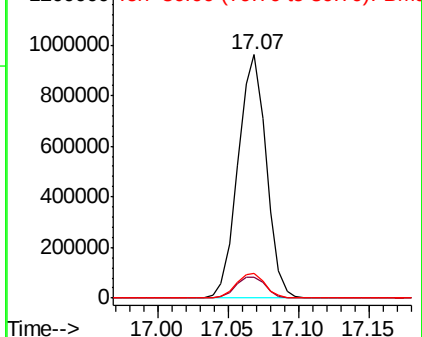
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.8   | 7.0   | 10.4  |
| 80      | 10.2  | 7.7   | 11.5  |

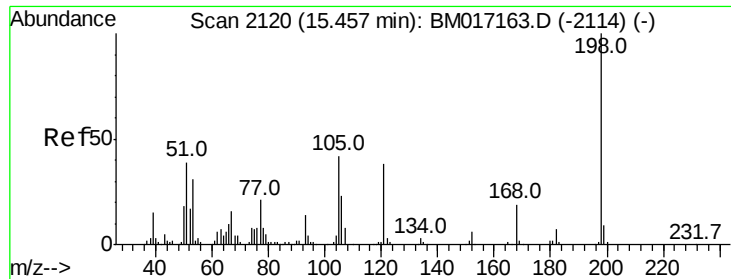
Abundance

Ion 188.00 (187.70 to 188.70): BM017165.D (-2387) (-)

Ion 94.00 (93.70 to 94.70): BM017165.D (-2387) (-)

Ion 80.00 (79.70 to 80.70): BM017165.D (-2387) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 69.373 ng

RT: 15.46 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

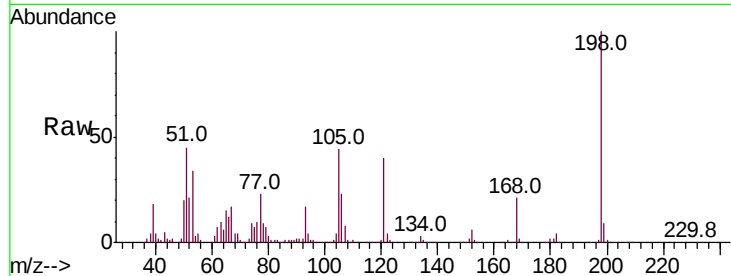
ClientSampleId :

SSTDIC060

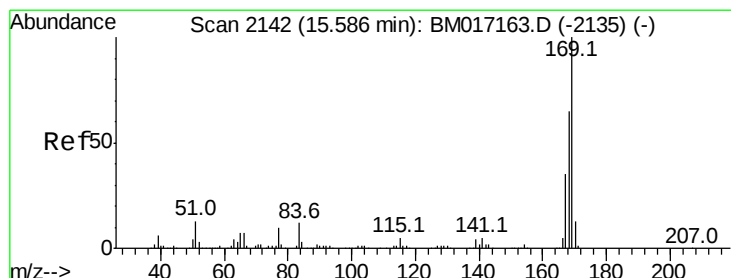
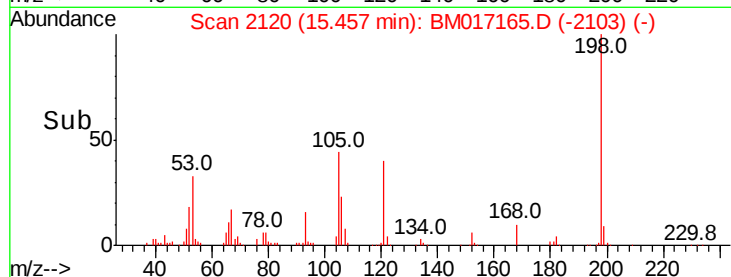
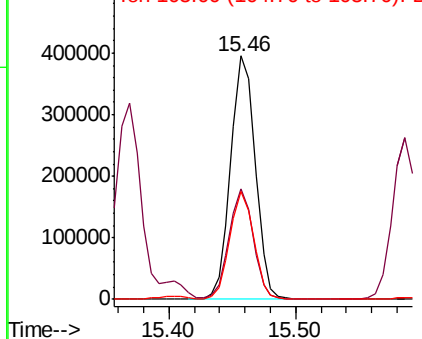
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 198   | Resp: | 532204 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 45.5  | 20.3  | 60.3   |
| 105       | 44.2  | 21.9  | 61.9   |

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



#66

n-Nitrosodiphenylamine

Concen: 64.037 ng

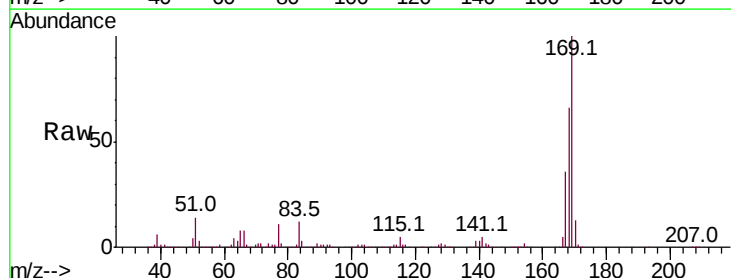
RT: 15.59 min Scan# 2142

Delta R.T. -0.00 min

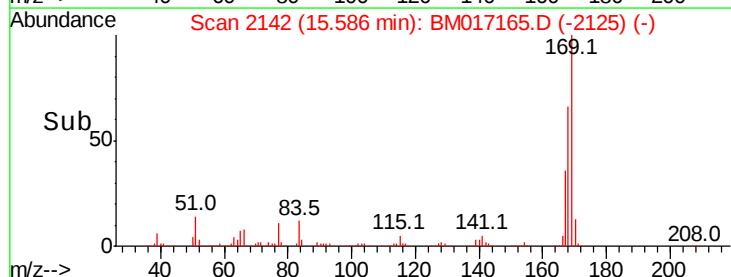
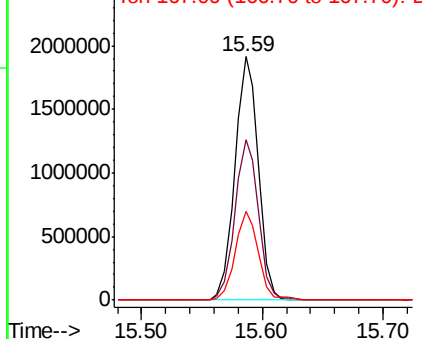
Lab File: BM017165.D

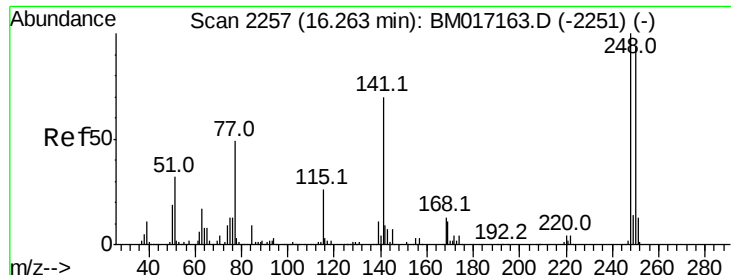
Acq: 17 Oct 2018 12:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 169   | Resp: | 2567951 |
| Ion Ratio | Lower | Upper |         |
| 169       | 100   |       |         |
| 168       | 66.1  | 52.2  | 78.4    |
| 167       | 36.2  | 28.4  | 42.6    |



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





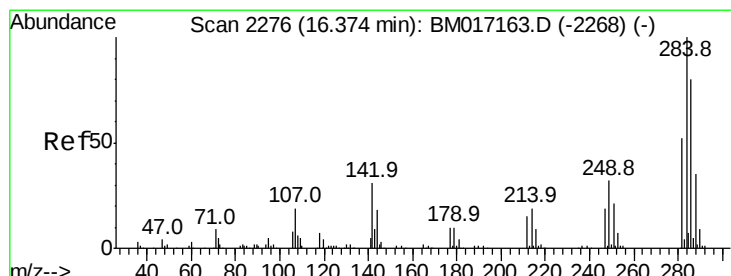
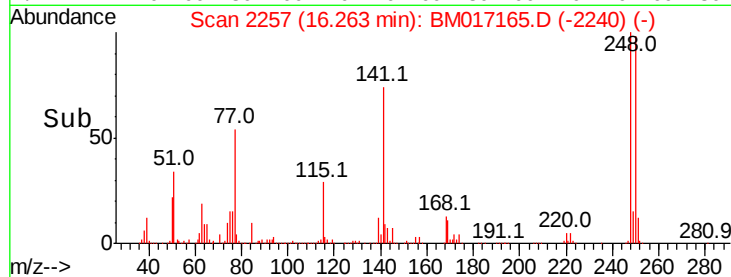
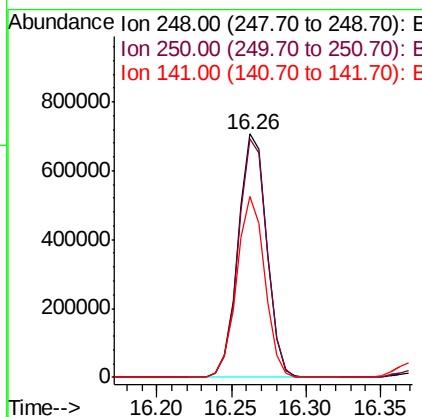
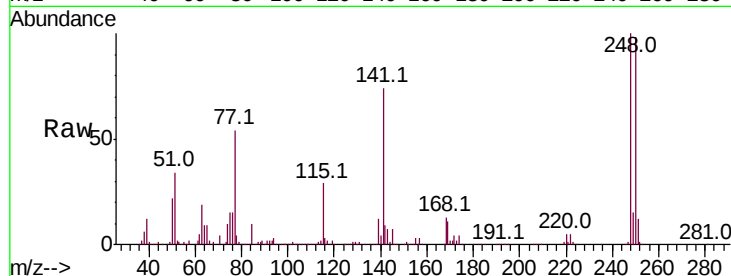
#67  
 4-Bromophenyl-phenylether  
 Concen: 62.043 ng  
 RT: 16.26 min Scan# 2257  
 Delta R.T. -0.00 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC060

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 248   | Resp: | 939115 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.7  | 75.1  | 112.7  |
| 141       | 74.5  | 55.6  | 83.4   |

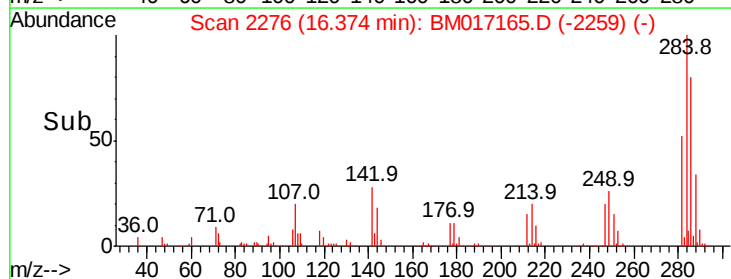
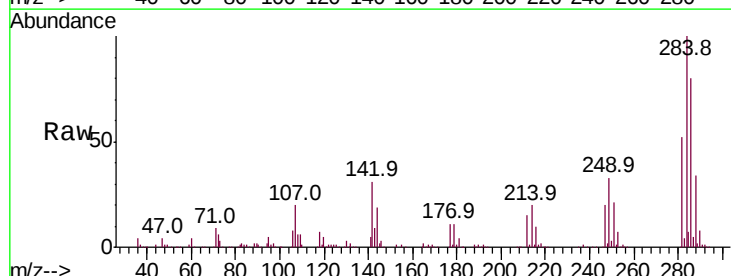
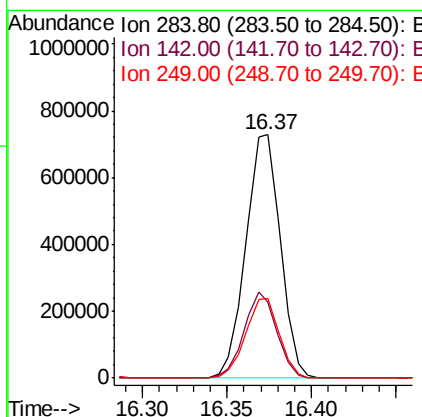
Manual Integrations  
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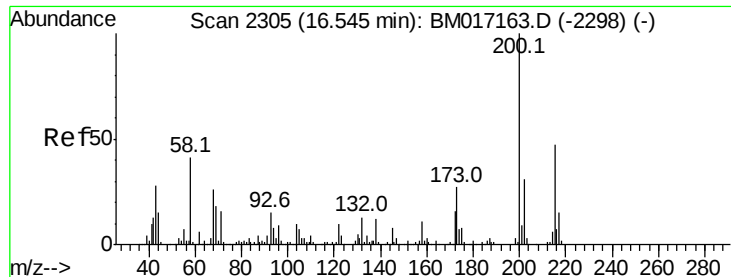
Sohil  
 10/18/2018 1:58:30 PM



#68  
 Hexachlorobenzene  
 Concen: 57.072 ng  
 RT: 16.37 min Scan# 2276  
 Delta R.T. -0.00 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 284   | Resp: | 1040150 |
| Ion Ratio | Lower | Upper |         |
| 284       | 100   |       |         |
| 142       | 31.2  | 25.0  | 37.6    |
| 249       | 32.6  | 25.5  | 38.3    |





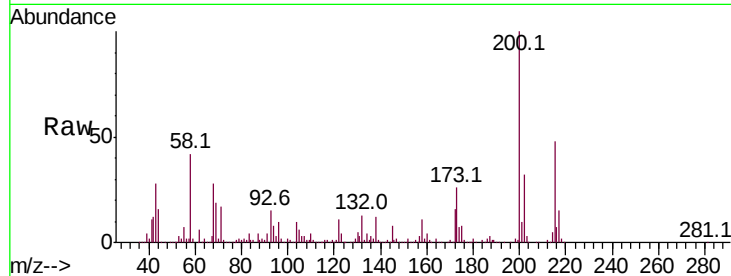
#69  
Atrazine  
Concen: 70.976 ng  
RT: 16.54 min Scan# 2305  
Delta R.T. 0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.0  | 7.0   | 47.0  |
| 215     | 47.9  | 27.3  | 67.3  |

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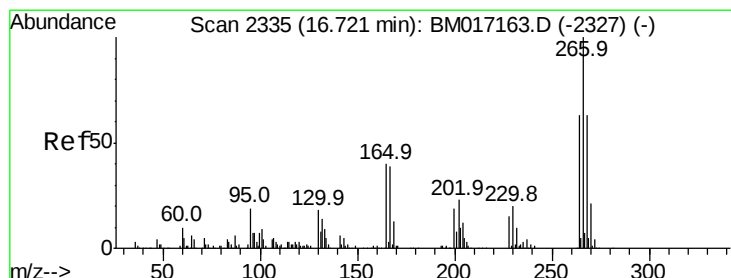
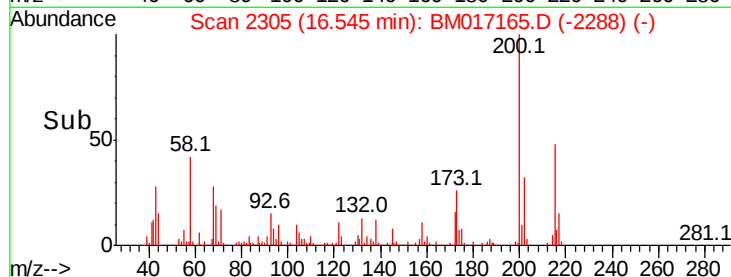
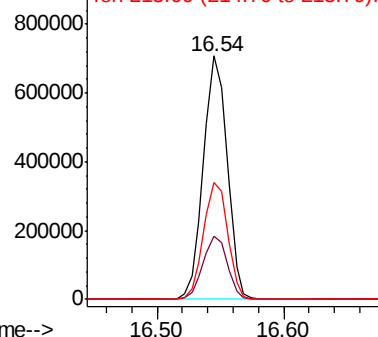


Abundance

Ion 200.00 (199.70 to 200.70): E

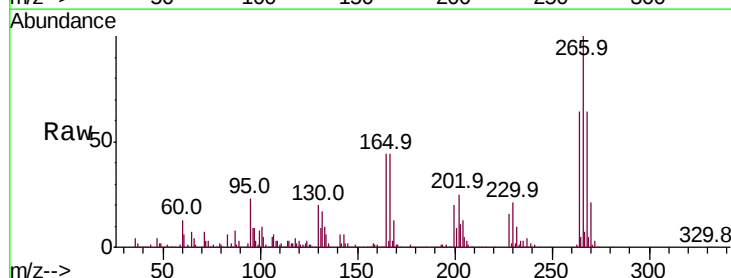
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 62.407 ng  
RT: 16.72 min Scan# 2334  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.6  | 50.7  | 76.1  |
| 264     | 64.5  | 50.4  | 75.6  |

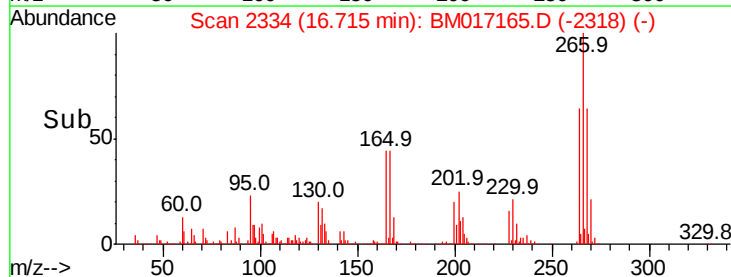
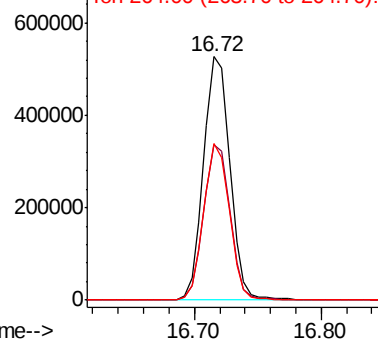


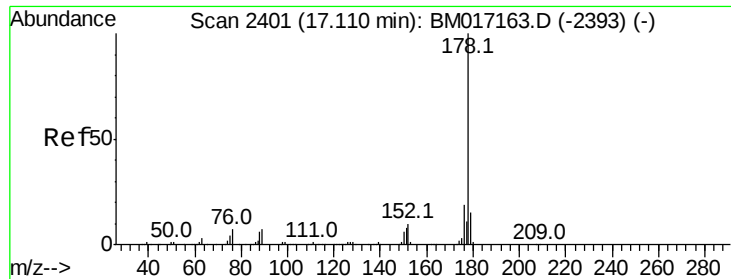
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





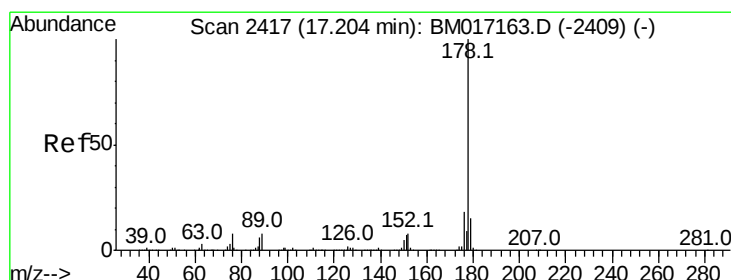
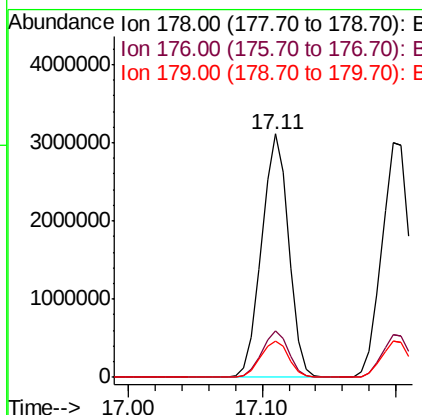
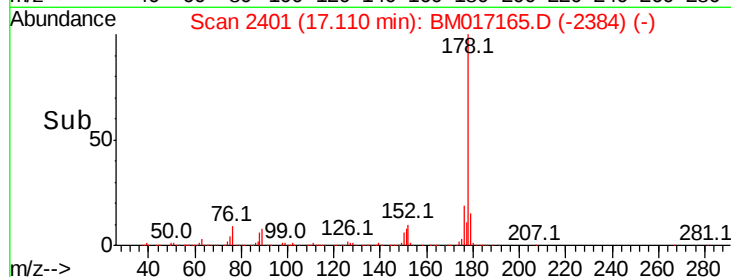
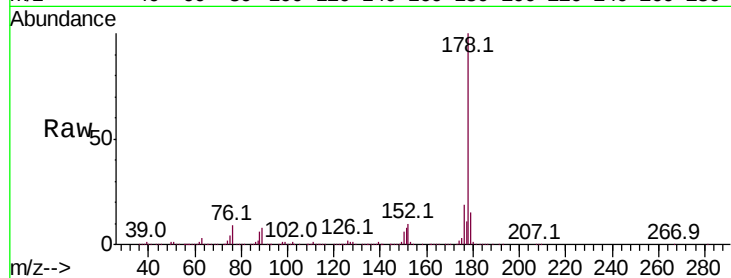
#71  
Phenanthrene  
Concen: 58.884 ng  
RT: 17.11 min Scan# 2401  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

Tot Ion:178 Resp: 4345413  
Ion Ratio Lower Upper  
178 100  
176 18.8 15.0 22.6  
179 15.1 12.3 18.5

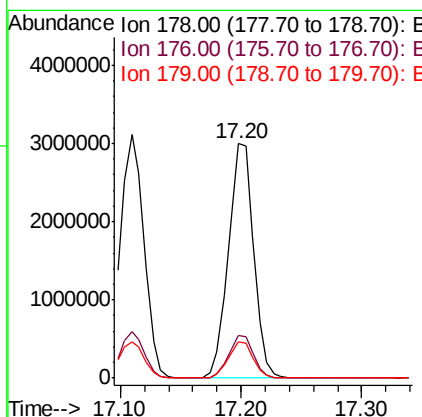
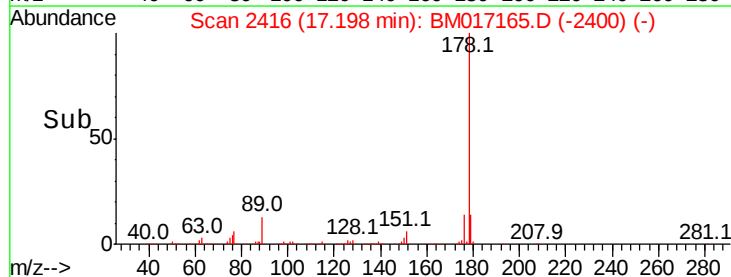
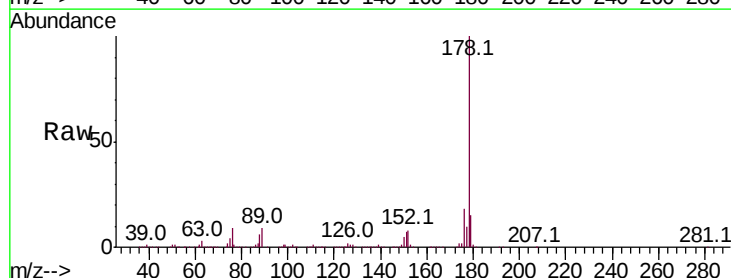
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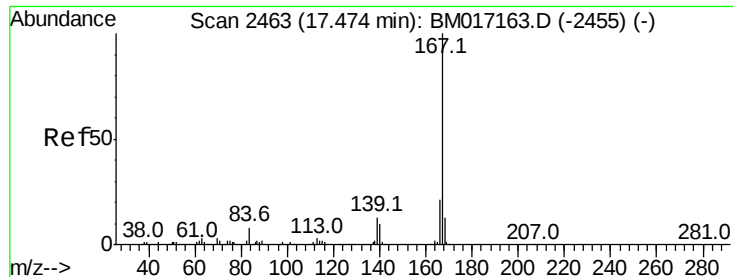
Sohil  
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#72  
Anthracene  
Concen: 63.415 ng  
RT: 17.20 min Scan# 2416  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Tgt Ion:178 Resp: 4360235  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.5 21.7  
179 15.5 12.2 18.2





#73

Carbazole

Concen: 63.582 ng

RT: 17.47 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

ClientSampleId :

SSTDICC060

Tot Ion:167 Resp: 4455189

Ion Ratio Lower Upper

167 100

166 21.2 17.1 25.7

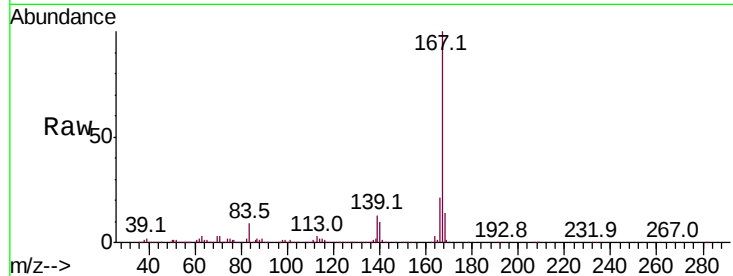
139 12.9 10.1 15.1

Manual Integrations

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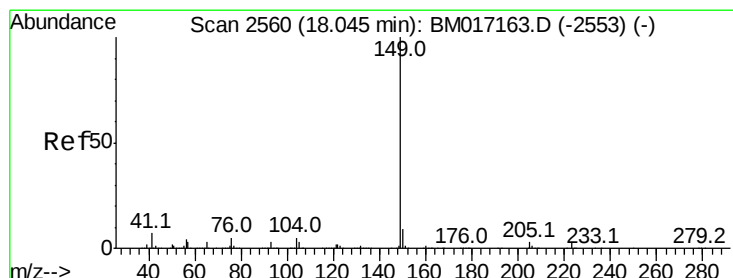
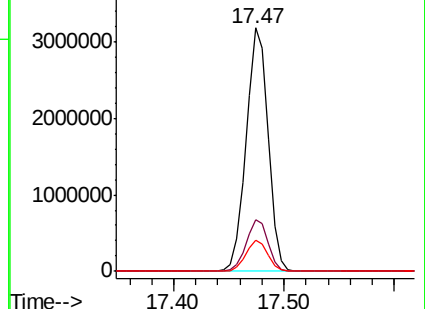
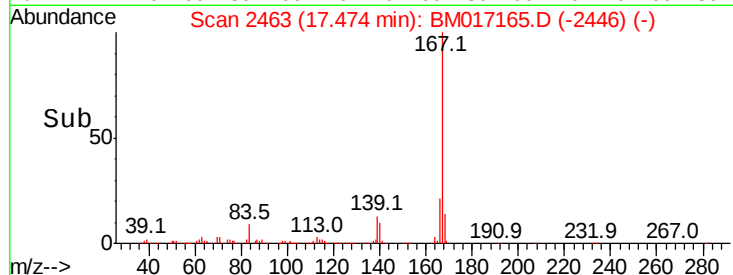
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 69.096 ng

RT: 18.04 min Scan# 2560

Delta R.T. 0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

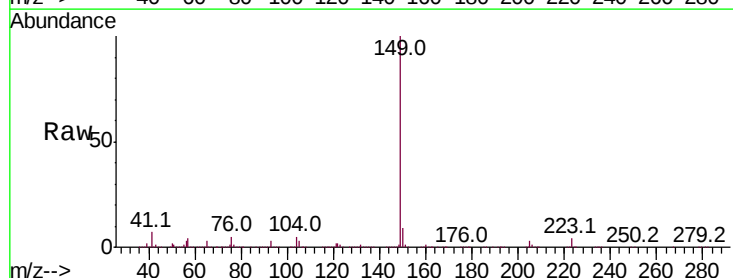
Tgt Ion:149 Resp: 4828110

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

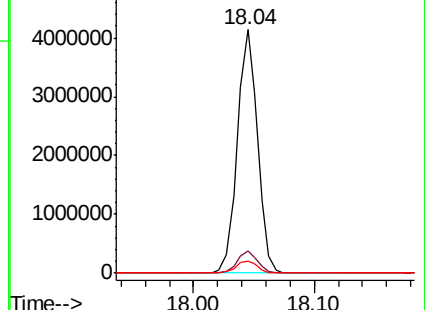
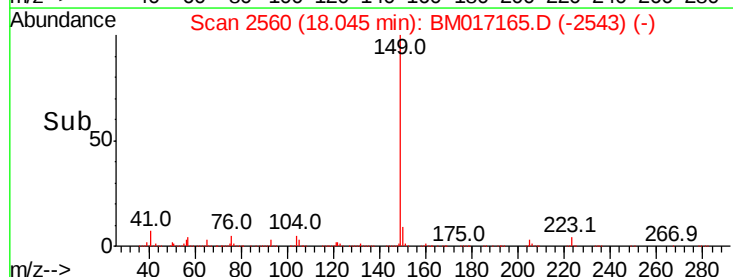
104 5.1 4.3 6.5

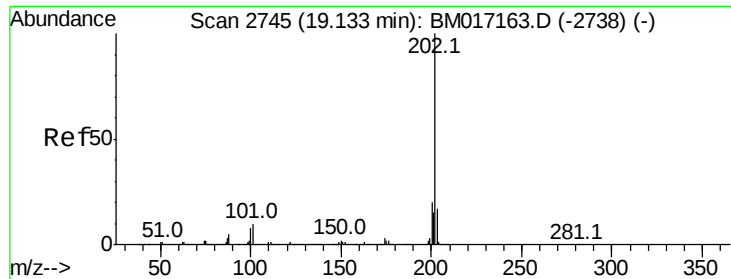


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





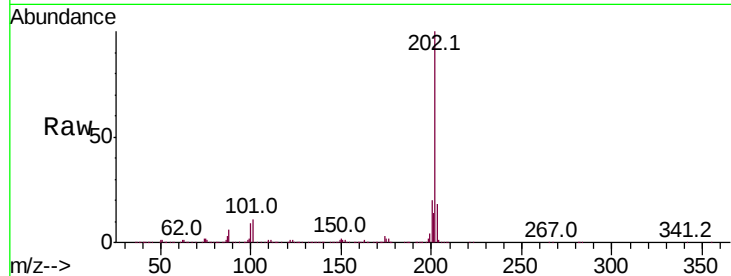
#75  
 Fluoranthene  
 Concen: 61.580 ng  
 RT: 19.13 min Scan# 2744  
 Delta R.T. -0.01 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.4  | 0.0   | 30.0  |
| 203     | 17.7  | 0.0   | 37.2  |

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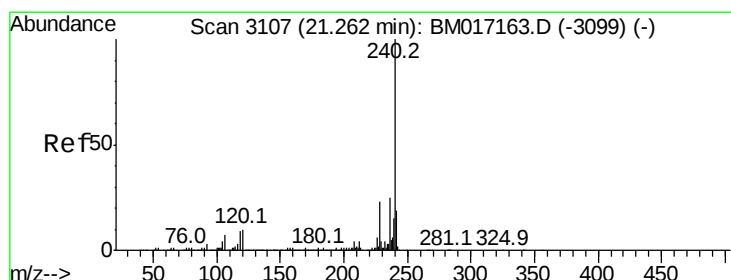
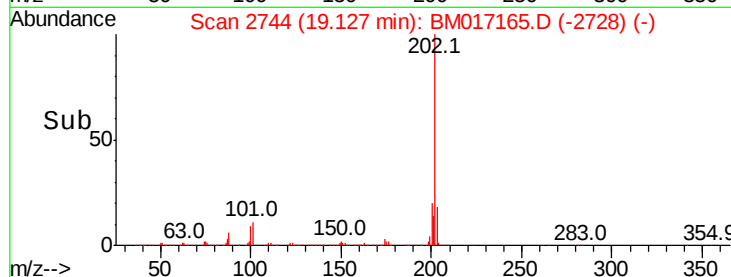
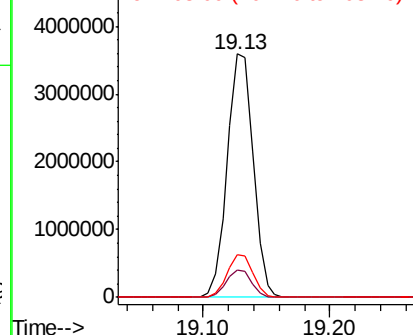


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.26 min Scan# 3107  
 Delta R.T. -0.00 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

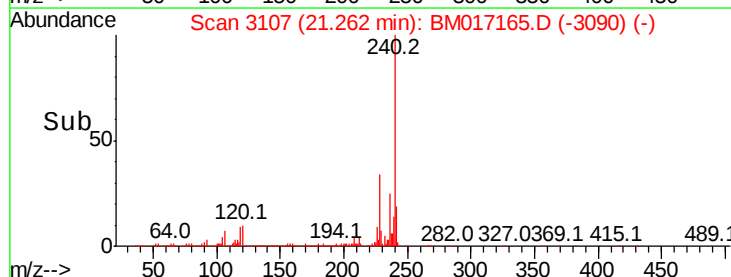
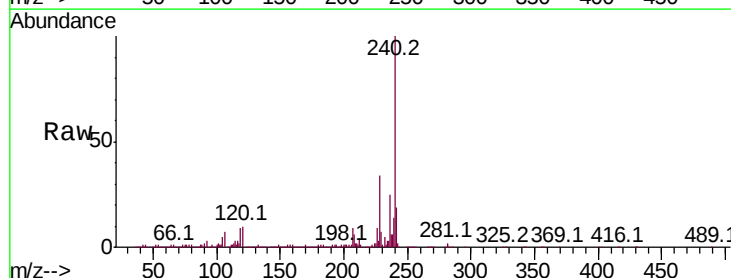
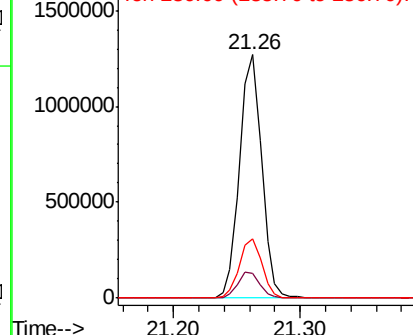
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 10.4  | 8.1   | 12.1  |
| 236     | 24.5  | 19.9  | 29.9  |

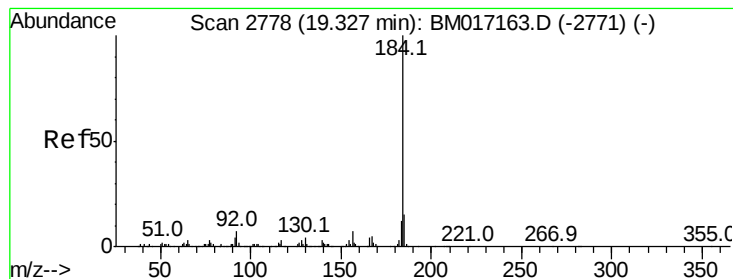
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





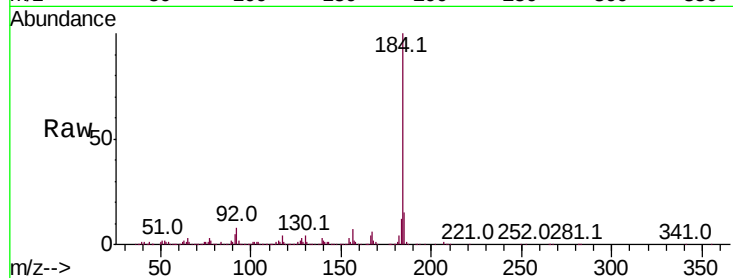
#77  
Benzidine  
Concen: 109.551 ng  
RT: 19.32 min Scan# 2777  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.6  | 11.8  | 17.8  |
| 183     | 11.8  | 9.7   | 14.5  |

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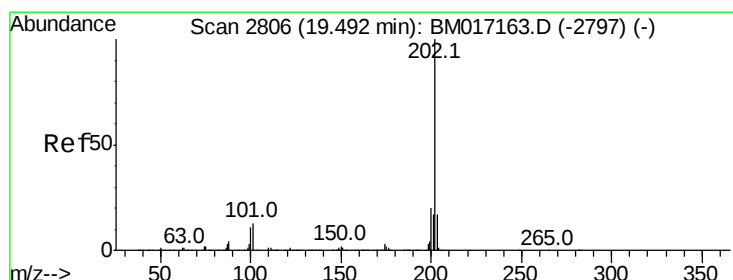
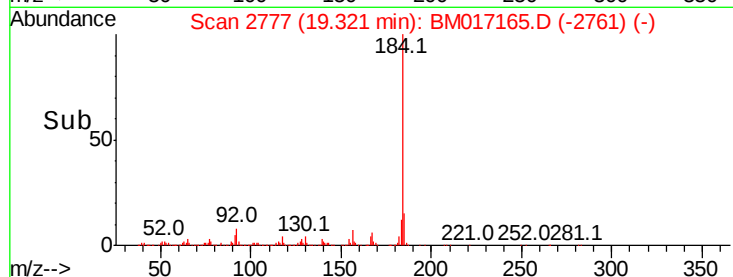
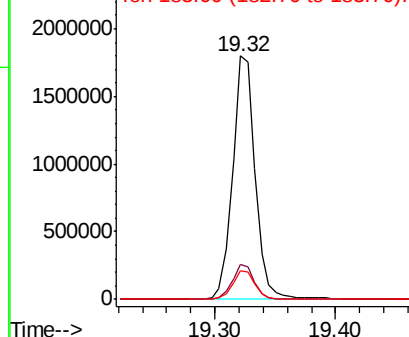


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78  
Pyrene  
Concen: 66.718 ng  
RT: 19.49 min Scan# 2806  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

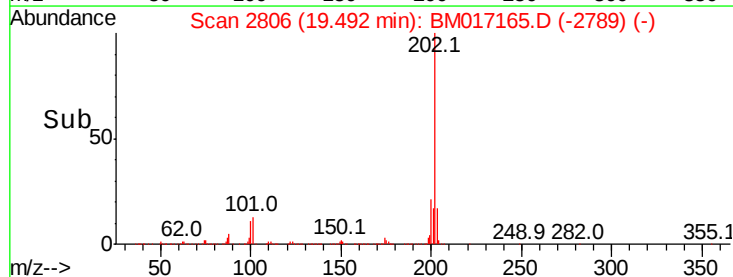
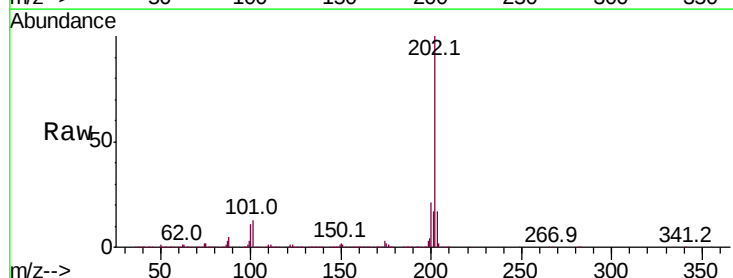
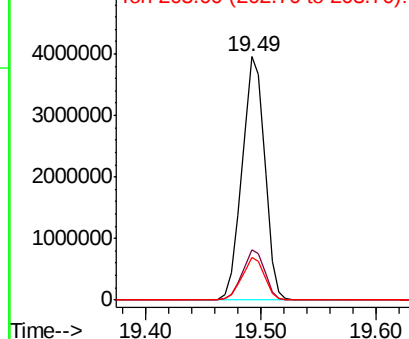
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.7  | 16.3  | 24.5  |
| 203     | 17.5  | 13.9  | 20.9  |

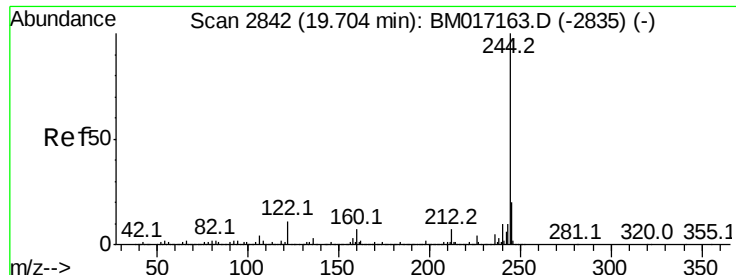
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





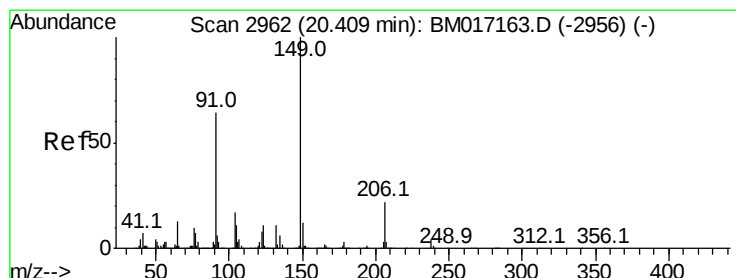
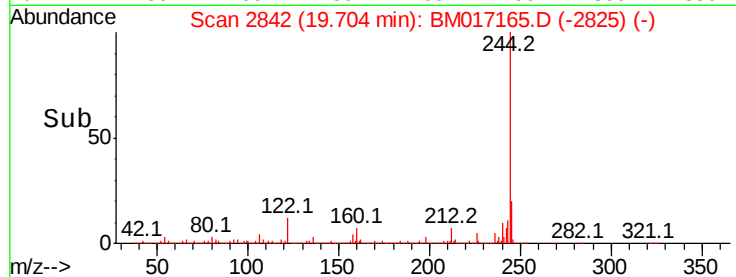
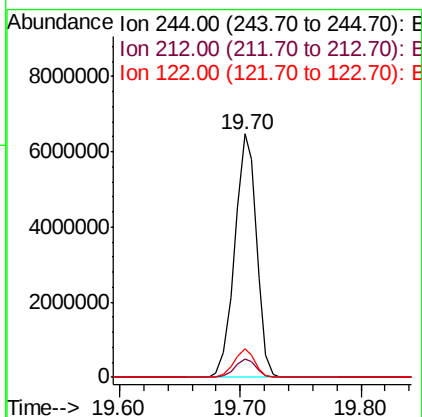
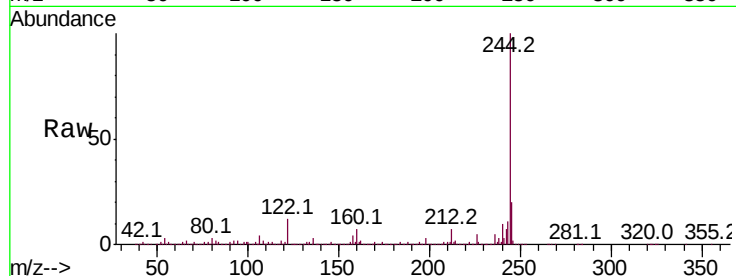
#79  
 Terphenyl-d14  
 Concen: 120.602 ng  
 RT: 19.70 min Scan# 2842  
 Delta R.T. -0.00 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 5.5   | 8.3   |
| 122     | 11.6  | 8.4   | 12.6  |

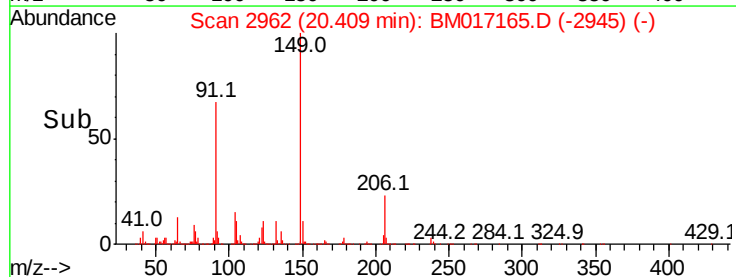
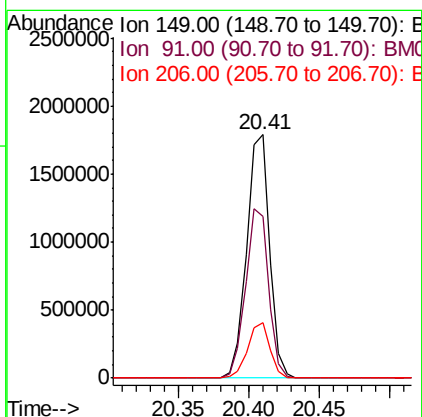
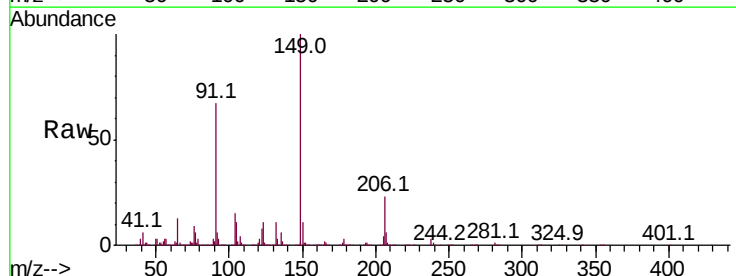
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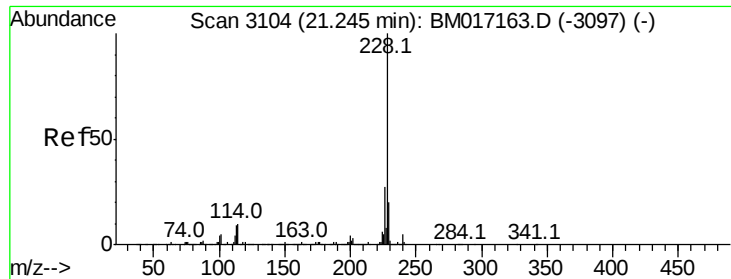
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#80  
 Butylbenzylphthalate  
 Concen: 88.025 ng  
 RT: 20.41 min Scan# 2962  
 Delta R.T. 0.00 min  
 Lab File: BM017165.D  
 Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 66.6  | 51.3  | 76.9  |
| 206     | 22.9  | 18.0  | 27.0  |





#81

Benzo(a)anthracene

Concen: 60.119 ng

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Instrument :

BNA\_M

ClientSampleId :

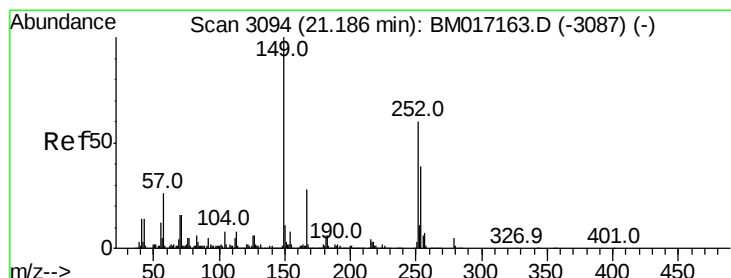
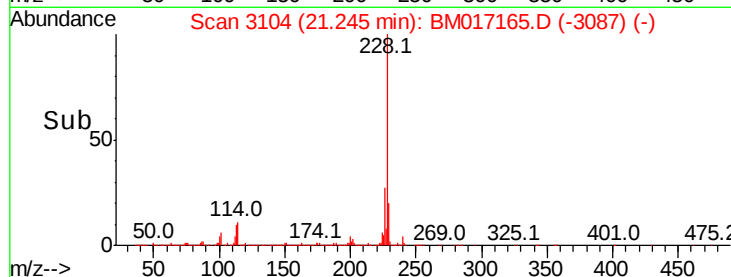
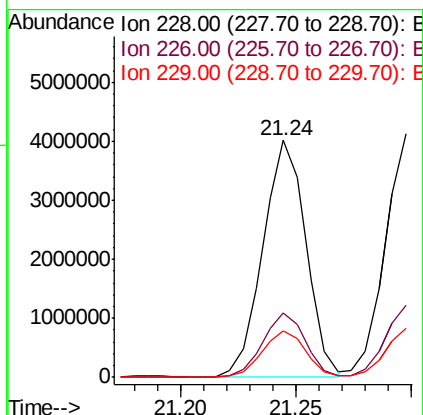
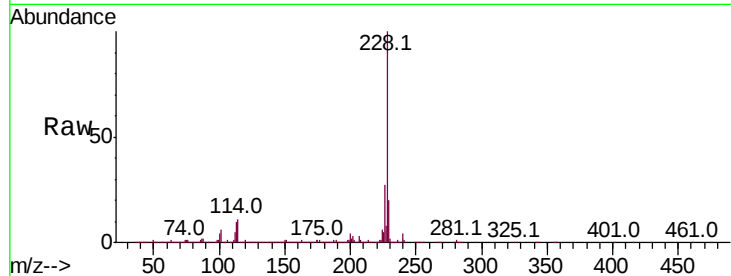
SSTDICC060

Tot Ion:228 Resp: 5196404

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.1  | 21.4  | 32.0  |
| 229 | 19.8  | 15.9  | 23.9  |

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#82

3,3'-Dichlorobenzidine

Concen: 72.663 ng

RT: 21.19 min Scan# 3094

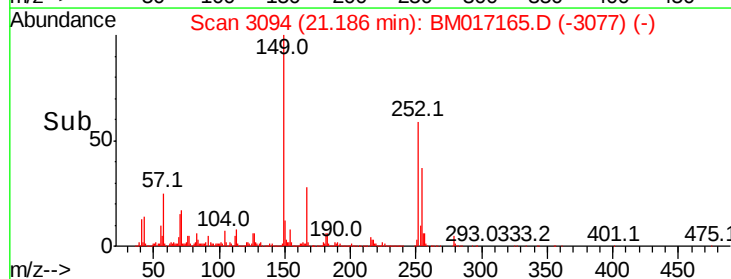
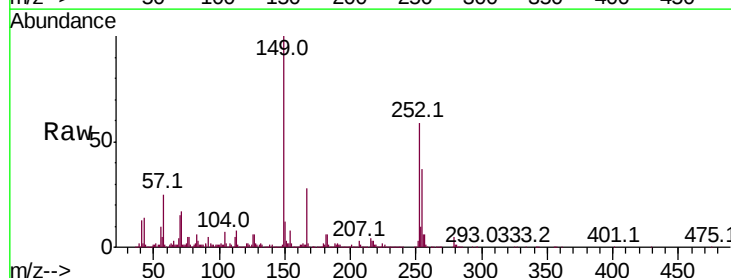
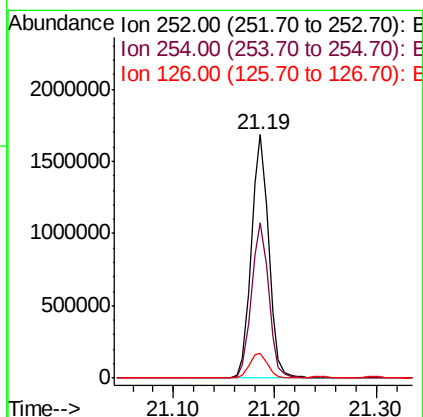
Delta R.T. -0.00 min

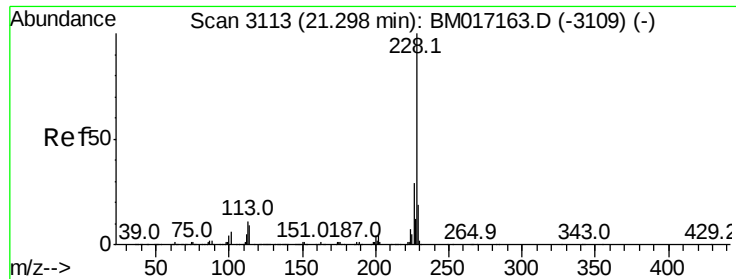
Lab File: BM017165.D

Acq: 17 Oct 2018 12:49

Tgt Ion:252 Resp: 1998621

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.0  | 52.1  | 78.1  |
| 126 | 10.3  | 8.6   | 12.8  |





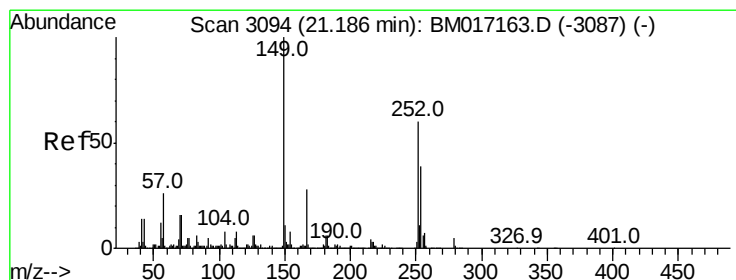
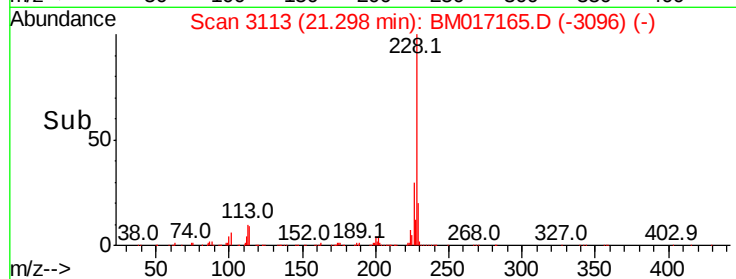
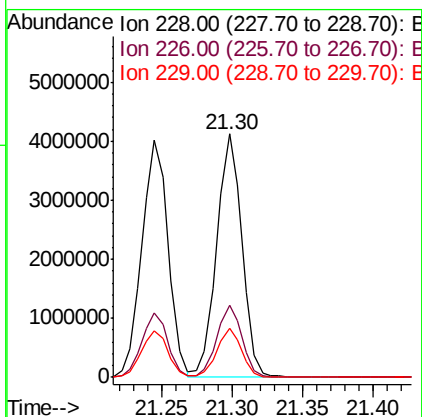
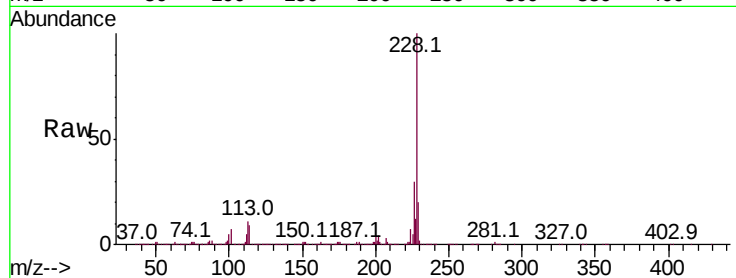
#83  
Chrysene  
Concen: 59.739 ng  
RT: 21.30 min Scan# 3113  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.7  | 23.3  | 34.9  |
| 229     | 19.9  | 15.6  | 23.4  |

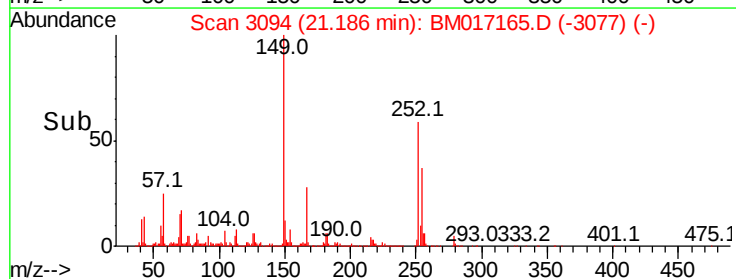
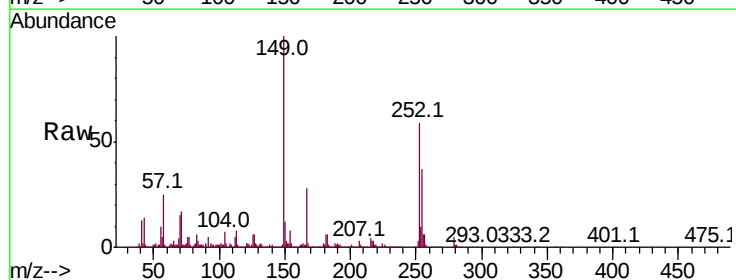
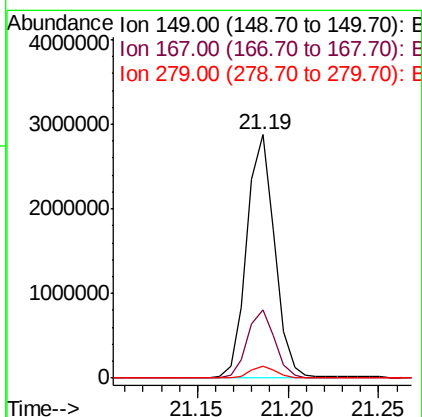
Manual Integrations  
APPROVED

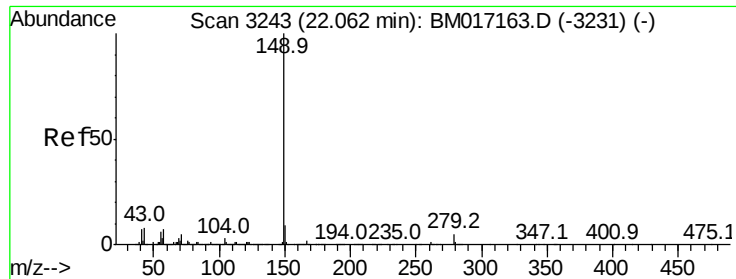
Sohil  
10/18/2018 1:58:30 PM



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 77.414 ng  
RT: 21.19 min Scan# 3094  
Delta R.T. 0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.1  | 22.2  | 33.4  |
| 279     | 4.8   | 3.6   | 5.4   |





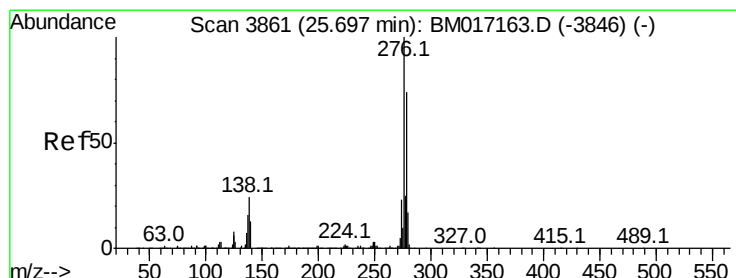
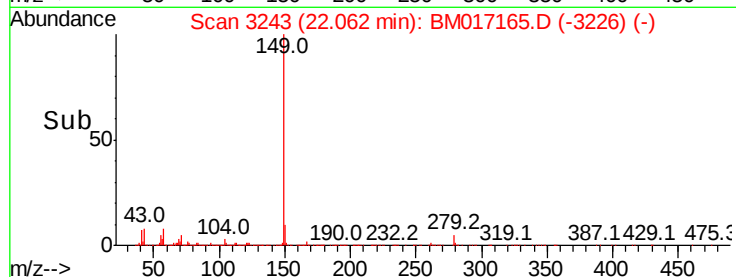
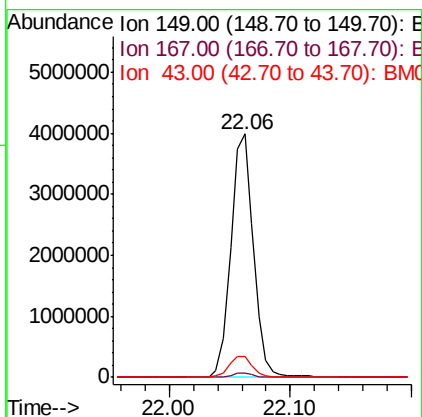
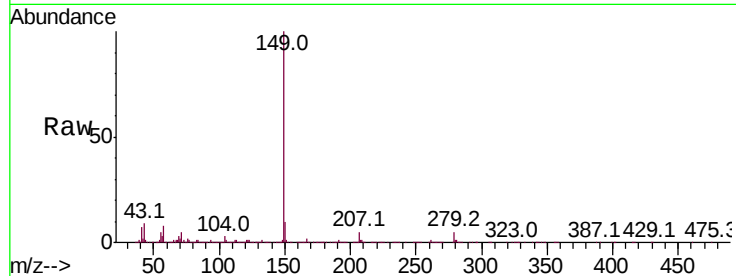
#85  
Di-n-octyl phthalate  
Concen: 76.096 ng  
RT: 22.06 min Scan# 3243  
Delta R.T. 0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDIC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.4   | 2.0   |
| 43      | 9.0   | 7.2   | 10.8  |

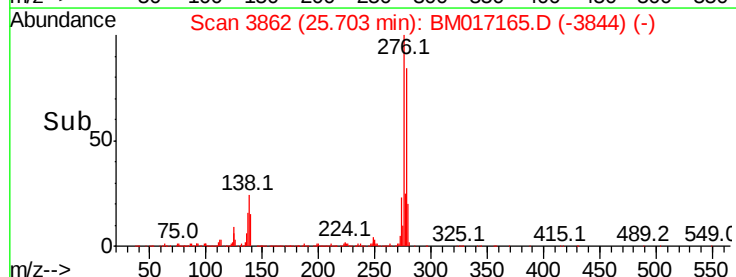
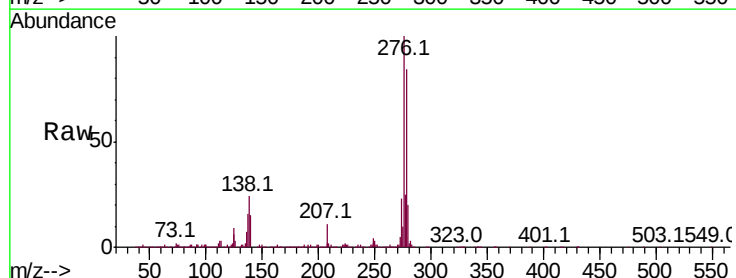
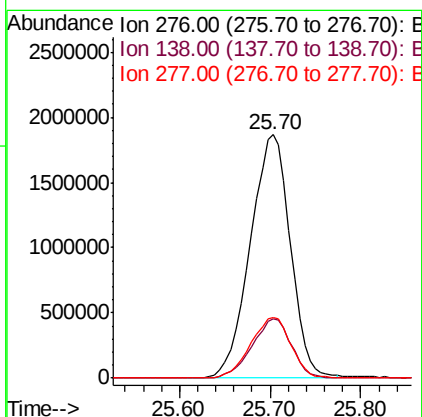
Manual Integrations  
APPROVED

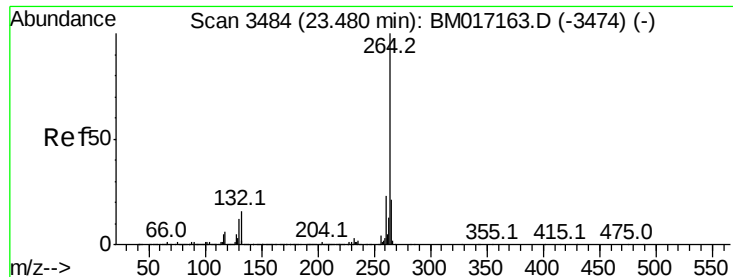
Sohil  
10/18/2018 1:58:30 PM



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 55.665 ng  
RT: 25.70 min Scan# 3862  
Delta R.T. 0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.1  | 19.5  | 29.3  |
| 277     | 25.2  | 20.1  | 30.1  |





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.47 min Scan# 3483  
Delta R.T. -0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

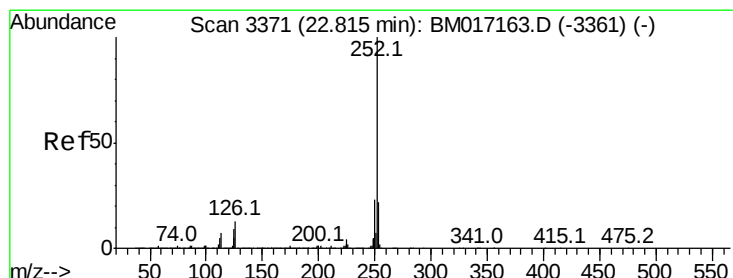
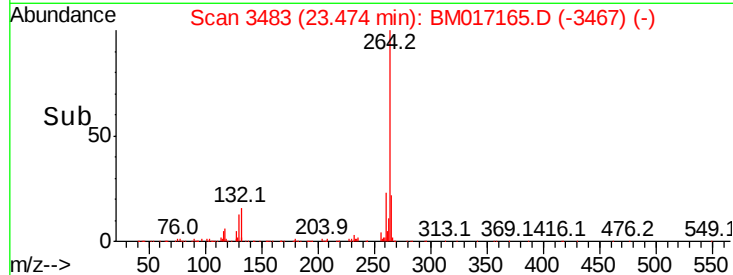
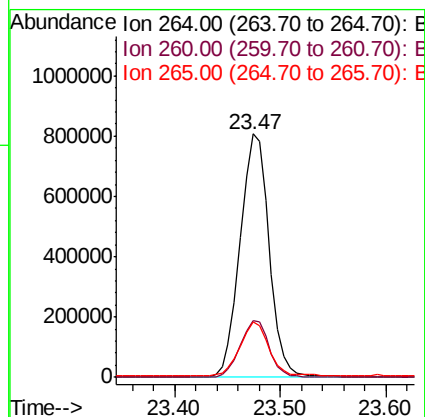
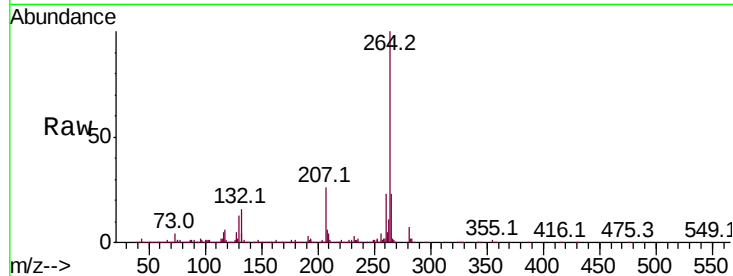
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

Tot Ion:264 Resp: 1540462  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 18.6  | 27.8  |
| 265 | 22.7  | 17.8  | 26.8  |

Manual Integrations  
APPROVED

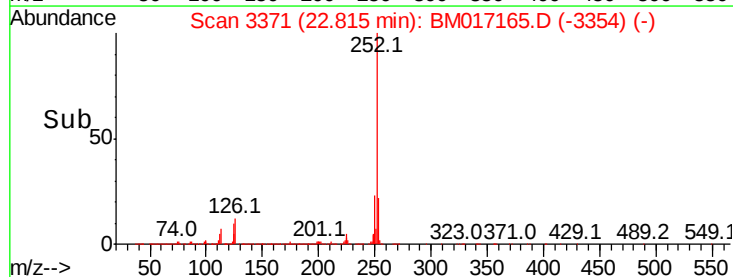
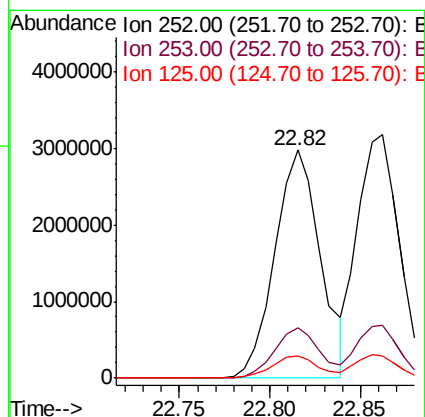
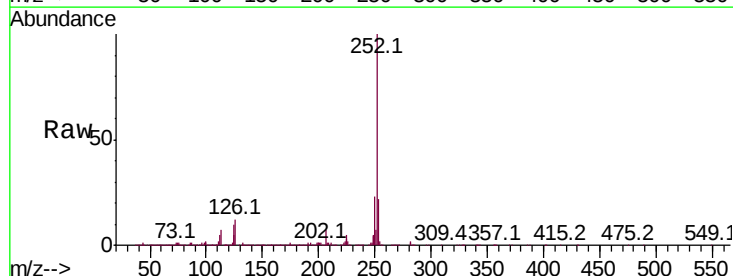
Sohil  
10/18/2018 1:58:30 PM

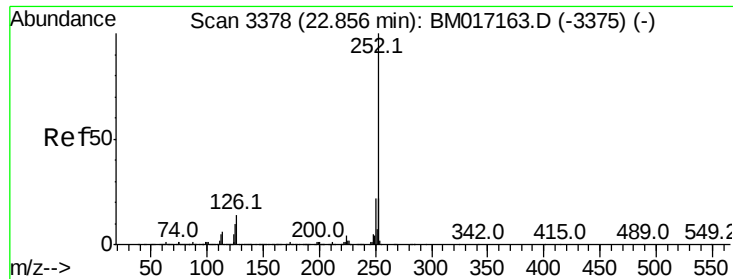


#88  
Benzo(b)fluoranthene  
Concen: 61.370 ng  
RT: 22.82 min Scan# 3371  
Delta R.T. -0.00 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Tgt Ion:252 Resp: 5211550  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 17.4  | 26.2  |
| 125 | 9.7   | 7.5   | 11.3  |





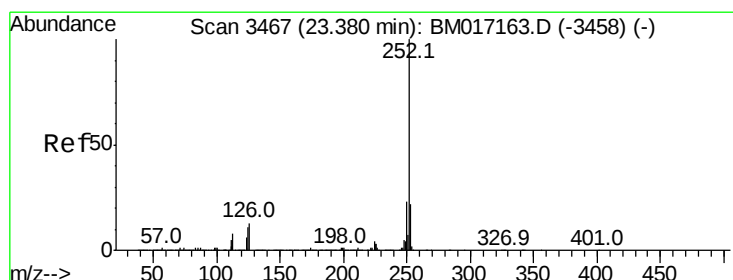
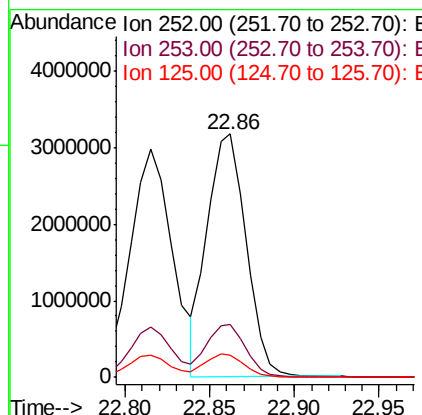
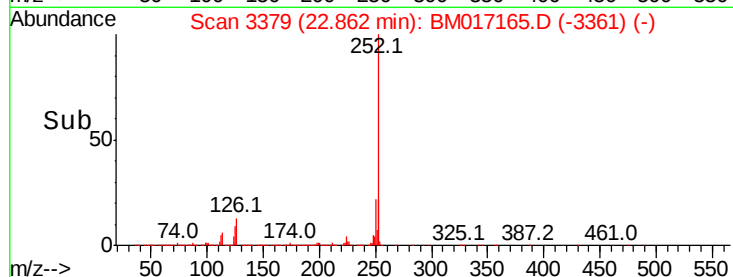
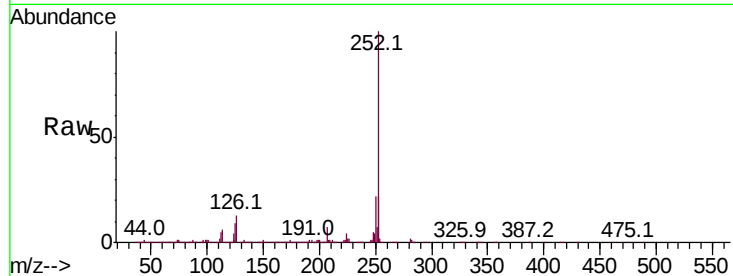
#89  
Benzo(k)fluoranthene  
Concen: 59.467 ng  
RT: 22.86 min Scan# 3379  
Delta R.T. 0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.5  | 26.3  |
| 125     | 9.0   | 8.2   | 12.2  |

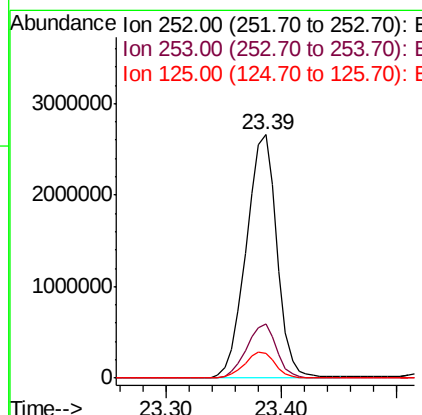
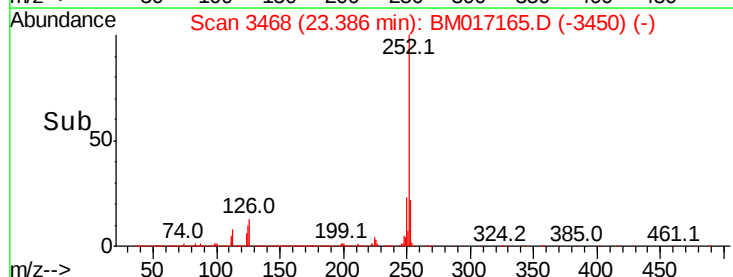
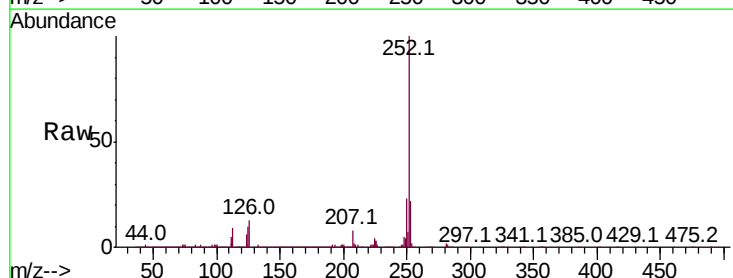
Manual Integrations  
APPROVED

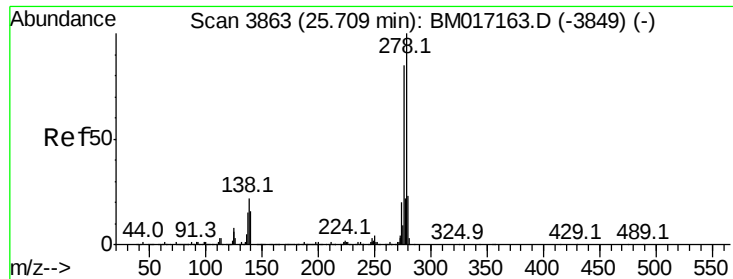
Sohil  
10/18/2018 1:58:30 PM



#90  
Benzo(a)pyrene  
Concen: 60.548 ng  
RT: 23.39 min Scan# 3468  
Delta R.T. 0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.0  |
| 125     | 10.3  | 8.6   | 13.0  |





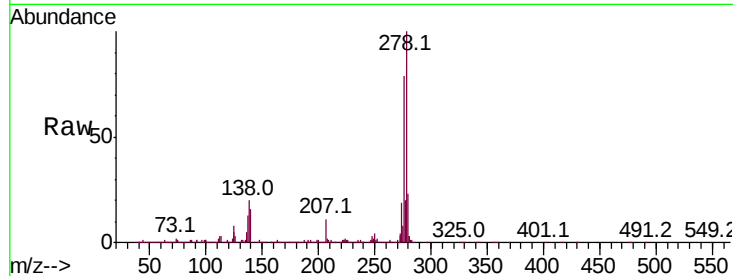
#91  
Dibenzo(a,h)anthracene  
Concen: 57.282 ng  
RT: 25.71 min Scan# 3864  
Delta R.T. 0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC060

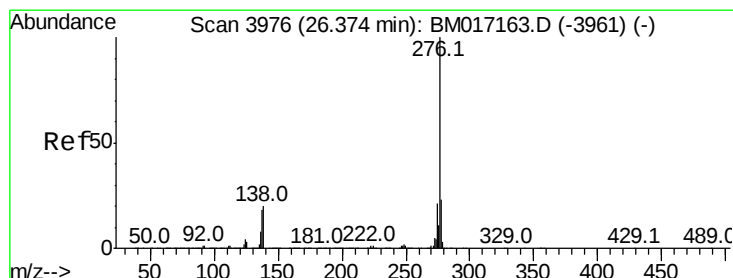
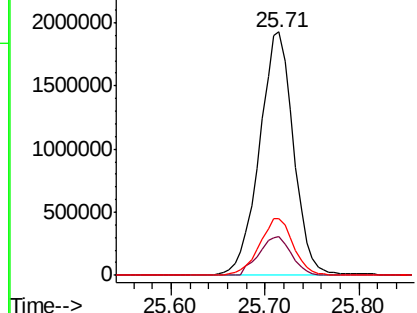
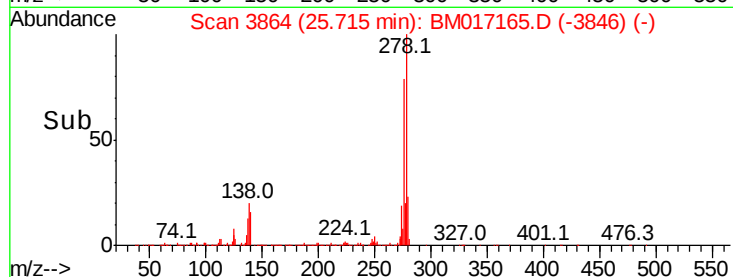
Tot Ion:278 Resp: 4820127  
Ion Ratio Lower Upper  
278 100  
139 15.8 12.7 19.1  
279 23.2 18.7 28.1

Manual Integrations  
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Sohil  
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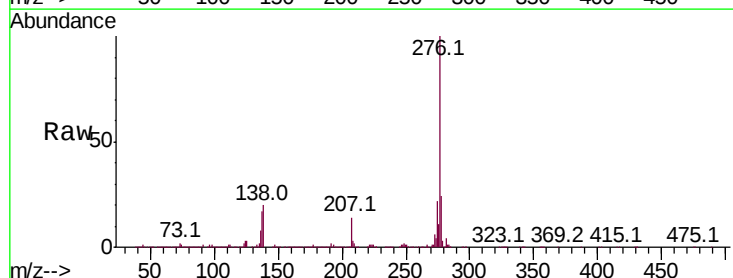


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 57.802 ng  
RT: 26.38 min Scan# 3977  
Delta R.T. 0.01 min  
Lab File: BM017165.D  
Acq: 17 Oct 2018 12:49

Tgt Ion:276 Resp: 4799007  
Ion Ratio Lower Upper  
276 100  
277 23.9 18.6 28.0  
138 20.3 16.4 24.6



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

