

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121518\  
 Data File : BM018204.D  
 Acq On : 15 Dec 2018 14:39  
 Operator : JU/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

Sohil  
 12/17/2018 4:19:44 PM

Quant Time: Dec 15 21:20:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 15 21:04:14 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.50  | 152  | 116615   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.27 | 136  | 508416   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.16 | 164  | 301014   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.92 | 188  | 670763   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.14 | 240  | 746965   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.30 | 264  | 763866   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.13  | 112 | 550168  | 79.81 | ng | 0.00 |
| 7) Phenol-d6             | 6.70  | 99  | 785349  | 81.48 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.66  | 82  | 809721  | 82.25 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.67 | 330 | 347368  | 80.63 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.77 | 172 | 1784721 | 77.39 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.57 | 244 | 2513473 | 76.84 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.13  | 88  | 106812  | 37.370 | ng | 100    |
| 3) Pyridine                    | 3.51  | 79  | 325313  | 38.829 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.43  | 42  | 111351  | 31.171 | ng | 100    |
| 6) Aniline                     | 6.85  | 93  | 492519  | 41.164 | ng | 100    |
| 8) 2-Chlorophenol              | 7.07  | 128 | 327457  | 39.721 | ng | 100    |
| 9) Benzaldehyde                | 6.67  | 77  | 224905  | 33.038 | ng | 100    |
| 10) Phenol                     | 6.73  | 94  | 417927  | 41.179 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 6.95  | 93  | 323878  | 40.546 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.39  | 146 | 362748  | 39.193 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.53  | 146 | 370113  | 39.099 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 7.85  | 146 | 358978  | 39.121 | ng | 100    |
| 15) Benzyl Alcohol             | 7.76  | 79  | 316543  | 41.273 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.03  | 45  | 288821  | 25.249 | ng | 100    |
| 17) 2-Methylphenol             | 7.96  | 107 | 274726  | 40.392 | ng | 100    |
| 18) Hexachloroethane           | 8.55  | 117 | 137027  | 40.944 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.32  | 70  | 300852  | 43.164 | ng | 100    |
| 20) 3+4-Methylphenols          | 8.29  | 107 | 394215  | 41.600 | ng | 100    |
| 22) Acetophenone               | 8.33  | 105 | 533472  | 41.896 | ng | 100    |
| 24) Nitrobenzene               | 8.70  | 77  | 393807  | 39.522 | ng | 100    |
| 25) Isophorone                 | 9.22  | 82  | 656070  | 42.874 | ng | 100    |
| 26) 2-Nitrophenol              | 9.40  | 139 | 190072  | 41.369 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.47  | 122 | 272045  | 41.053 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.70  | 93  | 415087  | 40.434 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 9.93  | 162 | 309607  | 40.469 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.13 | 180 | 344082  | 38.712 | ng | 100    |
| 31) Naphthalene                | 10.32 | 128 | 960332  | 38.712 | ng | 100    |
| 32) Benzoic acid               | 9.66  | 122 | 255278m | 42.190 | ng |        |
| 33) 4-Chloroaniline            | 10.45 | 127 | 434471  | 40.014 | ng | 100    |
| 34) Hexachlorobutadiene        | 10.59 | 225 | 215874  | 39.026 | ng | 100    |
| 35) Caprolactam                | 11.26 | 113 | 118217  | 41.465 | ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 11.59 | 107 | 363703  | 40.994 | ng | 100    |
| 37) 2-Methylnaphthalene        | 11.94 | 142 | 684671  | 39.061 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.16 | 142 | 662113  | 38.567 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.32 | 216 | 393836  | 37.530 | ng | 100    |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICCC040

Manual Integrations  
 APPROVED

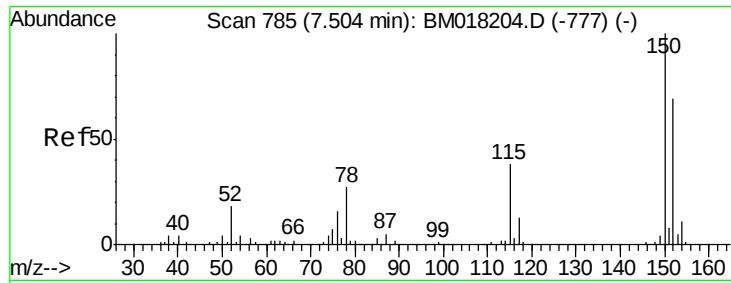
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 12/17/2018 4:19:44 PM

Quant Time: Dec 15 21:20:37 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Dec 15 21:04:14 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.29 | 237  | 143284   | 27.799 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.58 | 196  | 257243   | 39.069 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.66 | 196  | 269662   | 38.779 | ng    | 100      |
| 46) 1,1'-Biphenyl              | 12.98 | 154  | 1040190  | 38.695 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.02 | 162  | 763374   | 38.353 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.25 | 65   | 238543   | 38.970 | ng    | 100      |
| 49) Acenaphthylene             | 13.88 | 152  | 1166019  | 38.929 | ng    | 100      |
| 50) Dimethylphthalate          | 13.64 | 163  | 952417   | 39.075 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.76 | 165  | 214522   | 39.572 | ng    | 100      |
| 52) Acenaphthene               | 14.23 | 154  | 696449   | 37.980 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.10 | 138  | 231957   | 39.256 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.32 | 184  | 118976   | 42.377 | ng    | 100      |
| 55) Dibenzofuran               | 14.56 | 168  | 1135457  | 37.871 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.43 | 139  | 171543   | 39.066 | ng    | 100      |
| 57) 2,4-Dinitrotoluene         | 14.57 | 165  | 301294   | 41.195 | ng    | 100      |
| 58) Fluorene                   | 15.22 | 166  | 878888   | 38.287 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.80 | 232  | 246137   | 38.554 | ng    | 100      |
| 60) Diethylphthalate           | 15.01 | 149  | 1020109  | 38.629 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.22 | 204  | 492903   | 37.857 | ng    | 100      |
| 62) 4-Nitroaniline             | 15.27 | 138  | 222249   | 39.909 | ng    | 100      |
| 63) Azobenzene                 | 15.52 | 77   | 987757   | 40.458 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.33 | 198  | 188498   | 40.739 | ng    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.45 | 169  | 865630   | 40.276 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.12 | 248  | 310239   | 39.386 | ng    | 100      |
| 68) Hexachlorobenzene          | 16.23 | 284  | 340320   | 38.356 | ng    | 100      |
| 69) Atrazine                   | 16.41 | 200  | 300024   | 38.395 | ng    | 100      |
| 70) Pentachlorophenol          | 16.58 | 266  | 232293   | 37.687 | ng    | 100      |
| 71) Phenanthrene               | 16.96 | 178  | 1398729  | 38.714 | ng    | 100      |
| 72) Anthracene                 | 17.06 | 178  | 1399499  | 39.763 | ng    | 100      |
| 73) Carbazole                  | 17.34 | 167  | 1437095  | 40.360 | ng    | 100      |
| 74) Di-n-butylphthalate        | 17.90 | 149  | 1767141  | 44.019 | ng    | 100      |
| 75) Fluoranthene               | 19.00 | 202  | 1628389  | 39.772 | ng    | 100      |
| 77) Benzidine                  | 19.20 | 184  | 783786   | 33.650 | ng    | 100      |
| 78) Pyrene                     | 19.36 | 202  | 1710532  | 37.540 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.29 | 149  | 832400   | 44.179 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.13 | 228  | 1690472  | 39.503 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.07 | 252  | 701973   | 42.338 | ng    | 100      |
| 83) Chrysene                   | 21.18 | 228  | 1608895  | 38.758 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.07 | 149  | 1239281  | 44.107 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 21.93 | 149  | 2076868  | 45.809 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.45 | 276  | 1732812  | 50.026 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.66 | 252  | 1651471  | 37.389 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.71 | 252  | 1629542  | 36.754 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.22 | 252  | 1567511  | 38.791 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.46 | 278  | 1489011  | 42.976 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.10 | 276  | 1385797  | 42.591 | ng    | 100      |

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





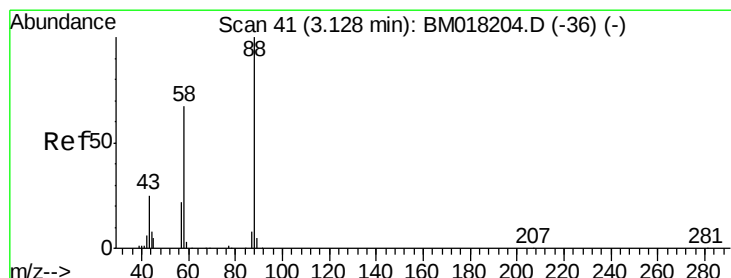
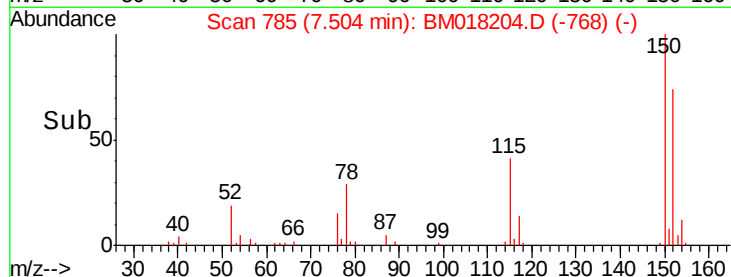
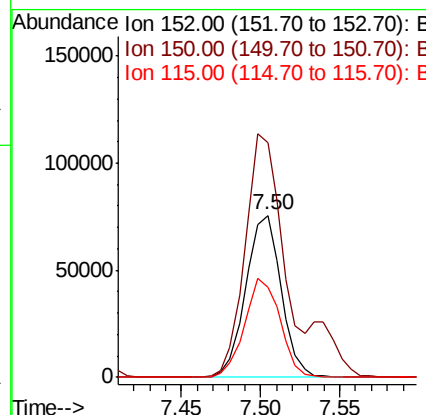
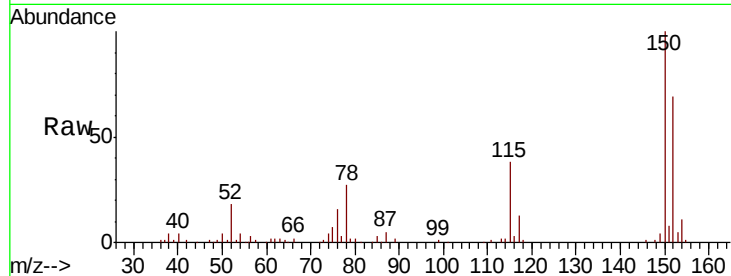
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 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.50 min Scan# 785  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 145.1 | 116.1 | 174.1 |
| 115     | 55.8  | 44.6  | 67.0  |

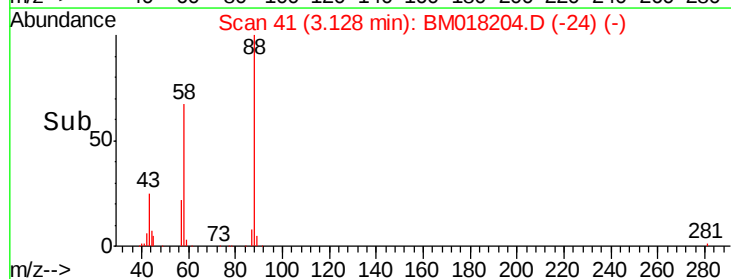
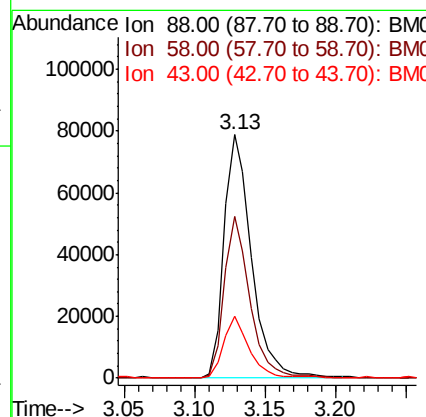
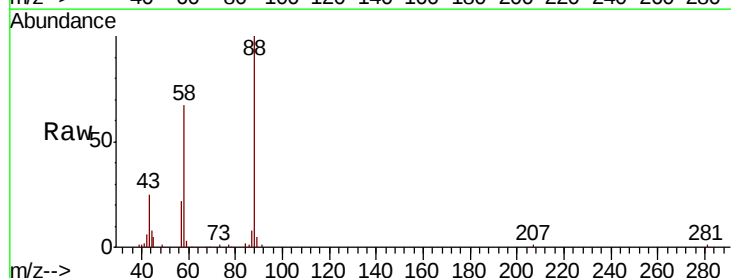
Manual Integrations  
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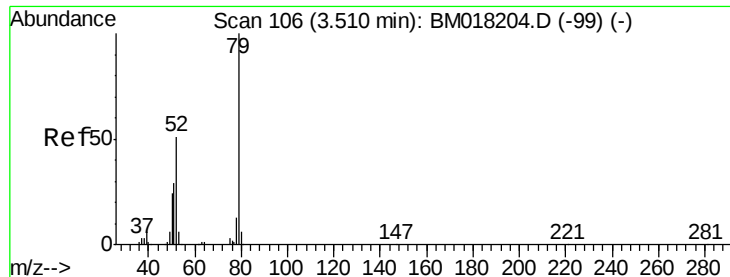
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#2  
 1,4-Dioxane  
 Concen: 37.370 ng  
 RT: 3.13 min Scan# 41  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 62.2  | 49.8  | 74.6  |
| 43      | 23.9  | 19.1  | 28.7  |





#3

Pvridine

Concen: 38.829 ng

RT: 3.51 min Scan# 106

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

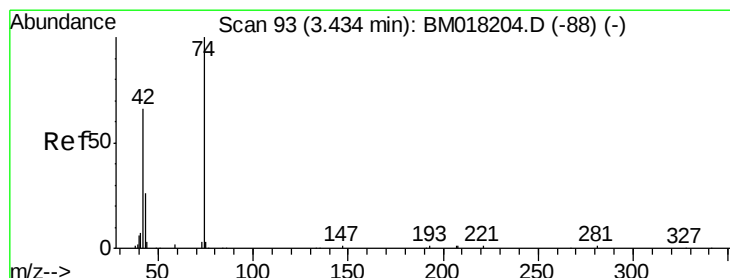
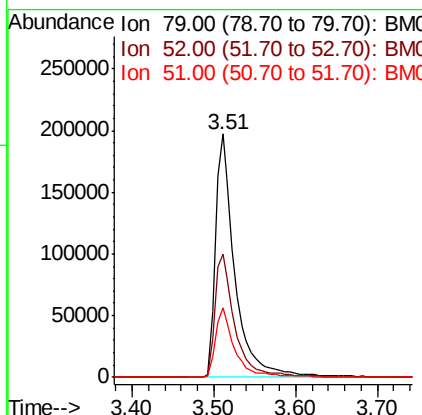
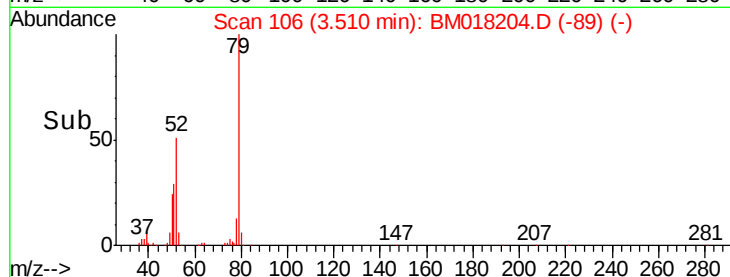
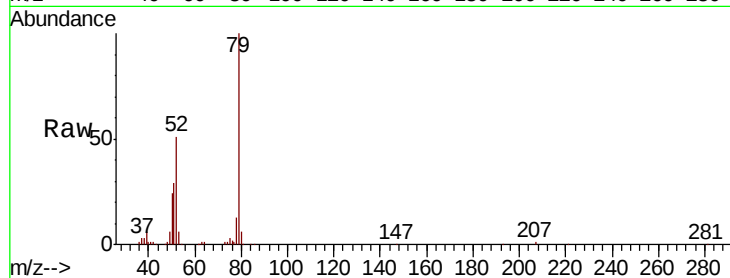
ClientSampled :

SSTDICCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 325313 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 50.9  | 40.7  | 61.1   |
| 51       | 28.8  | 23.0  | 34.6   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 31.171 ng

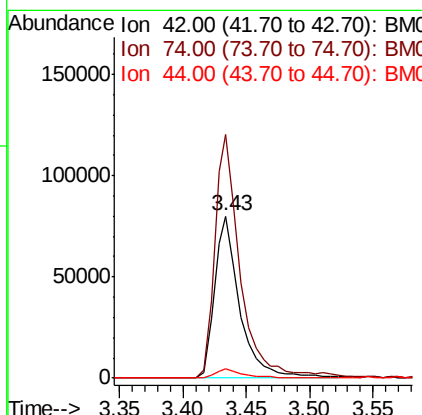
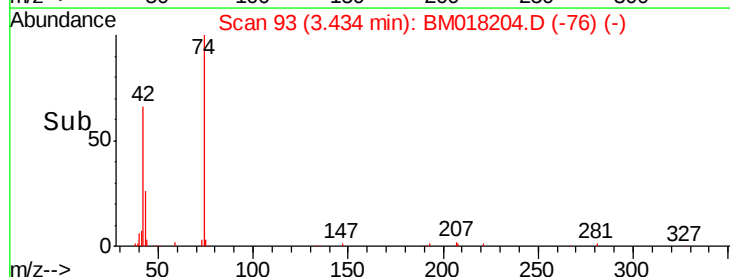
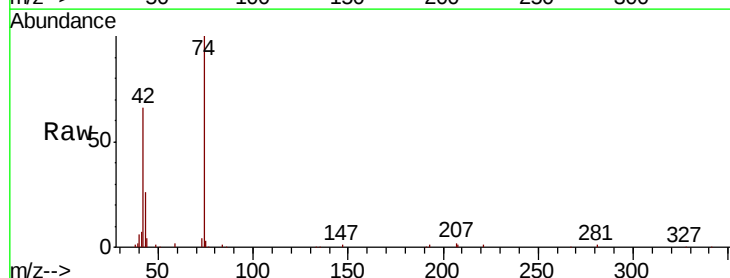
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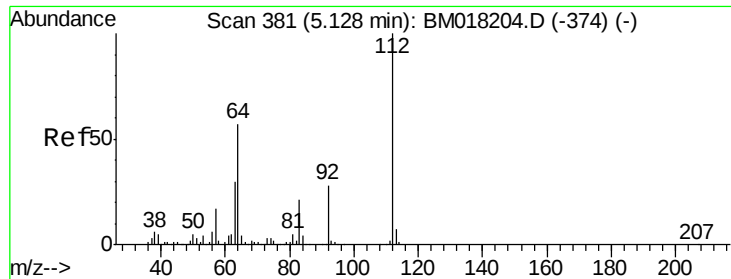
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 111351 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 150.5 | 120.4 | 180.6  |
| 44       | 5.8   | 4.6   | 7.0    |





#5

2-Fluorophenol

Concen: 79.813 ng

RT: 5.13 min Scan# 381

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

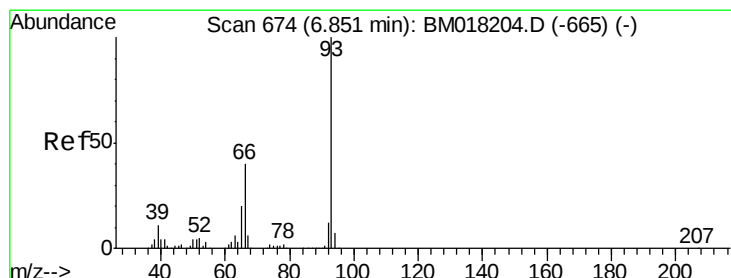
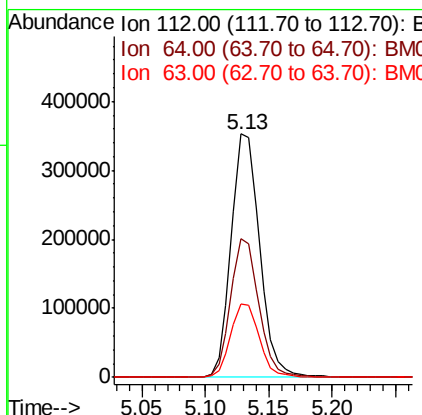
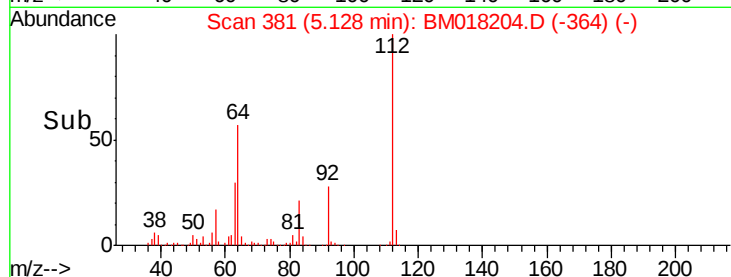
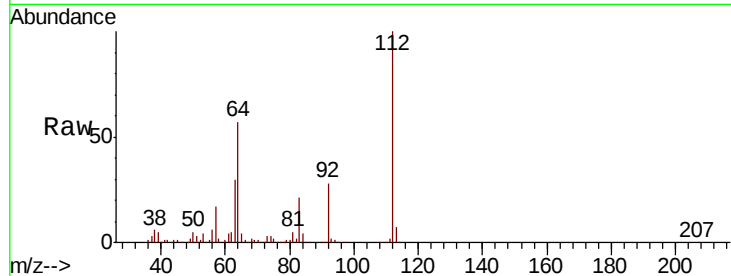
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 550168 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.8  | 45.4  | 68.2   |
| 63        | 30.0  | 24.0  | 36.0   |

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#6

Aniline

Concen: 41.164 ng

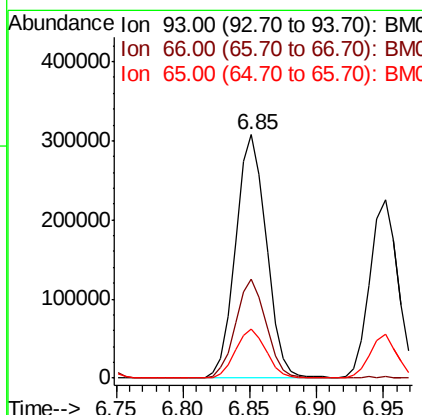
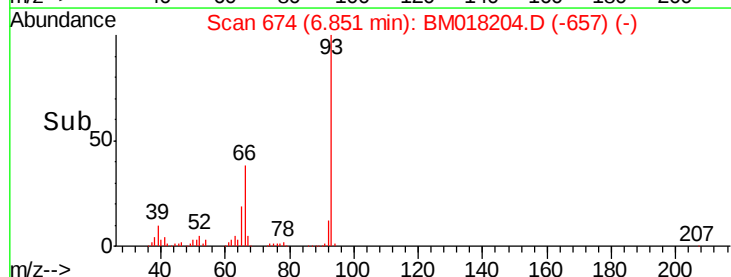
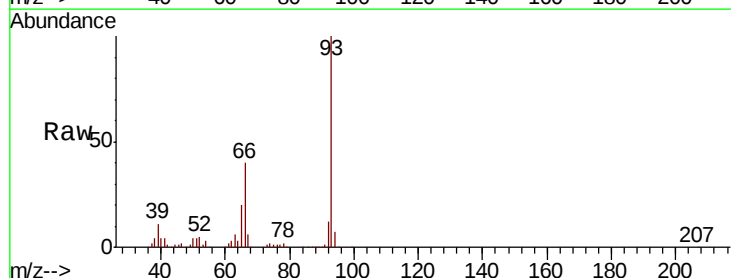
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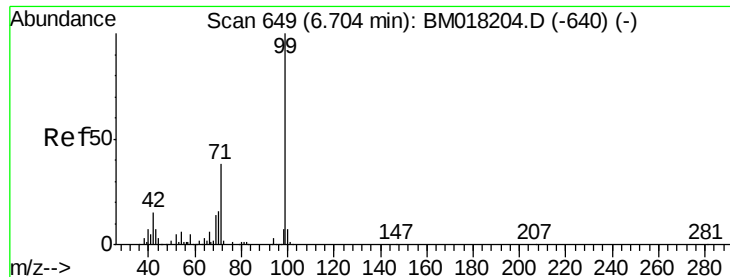
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 492519 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.4  | 32.3  | 48.5   |
| 65        | 20.3  | 16.2  | 24.4   |





#7

Phenol-d6

Concen: 81.483 ng

RT: 6.70 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

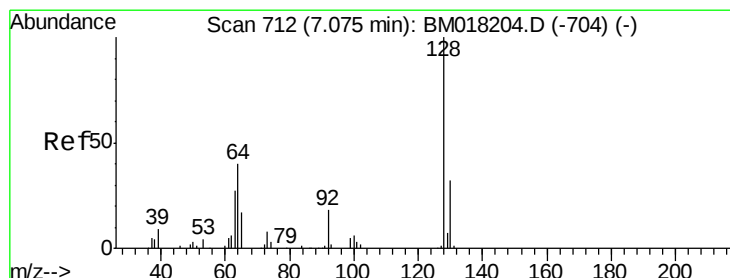
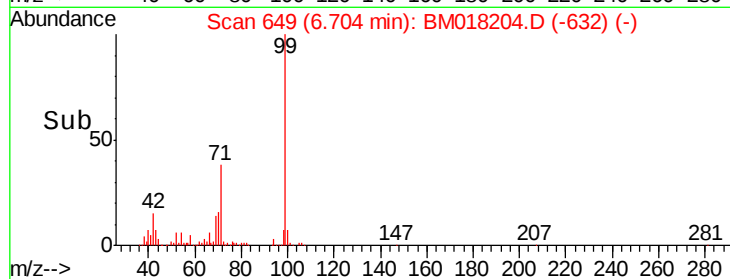
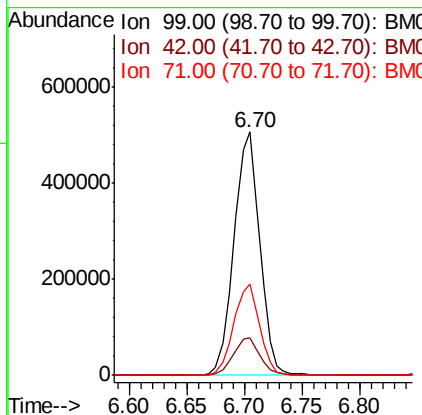
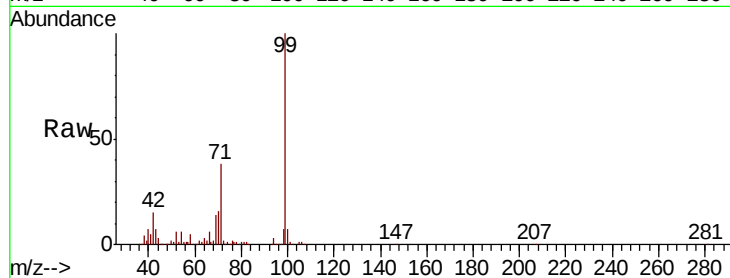
ClientSampleId :

SSTDICCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 785349 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 15.4  | 12.3  | 18.5   |
| 71       | 37.7  | 30.2  | 45.2   |

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#8

2-Chlorophenol

Concen: 39.721 ng

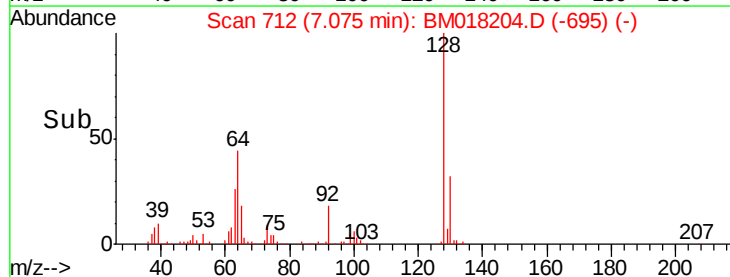
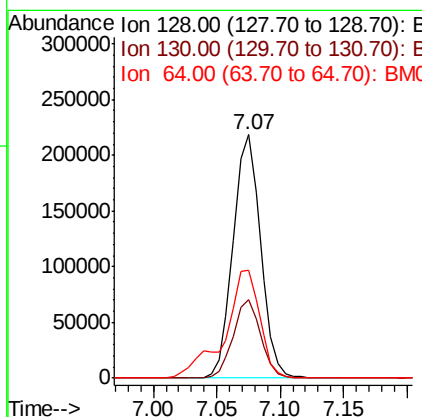
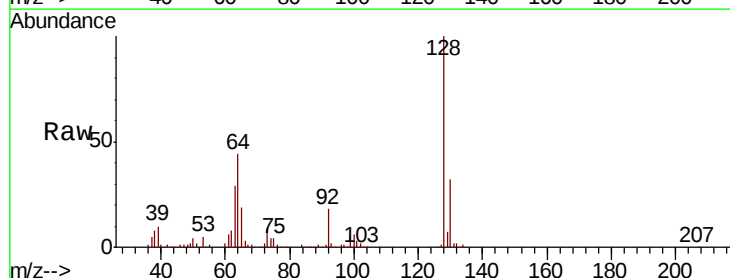
RT: 7.07 min Scan# 712

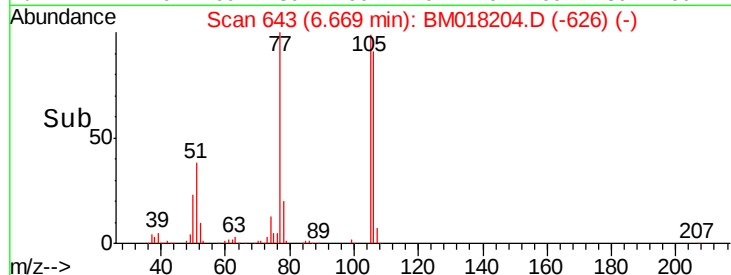
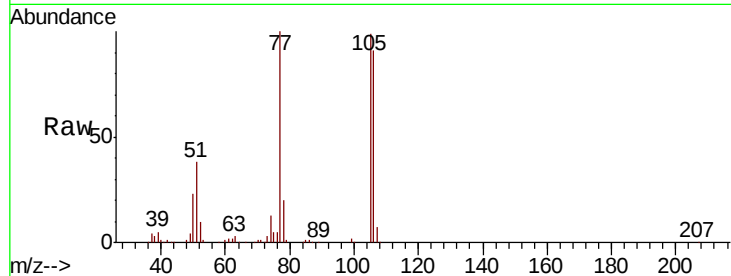
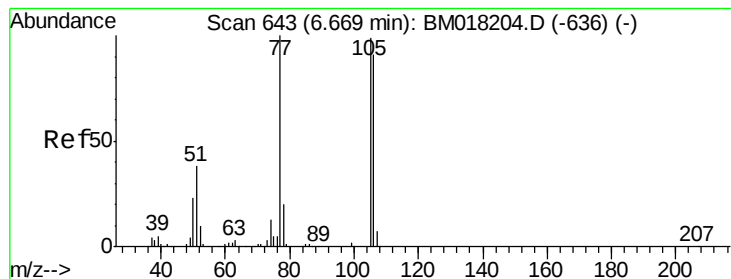
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 327457 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.3  | 12.3  | 52.3   |
| 64       | 44.1  | 24.1  | 64.1   |





#9

Benzaldehyde

Concen: 33.038 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 224905 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 98.8  | 78.8  | 118.8  |
| 106       | 90.7  | 70.7  | 110.7  |

Instrument :

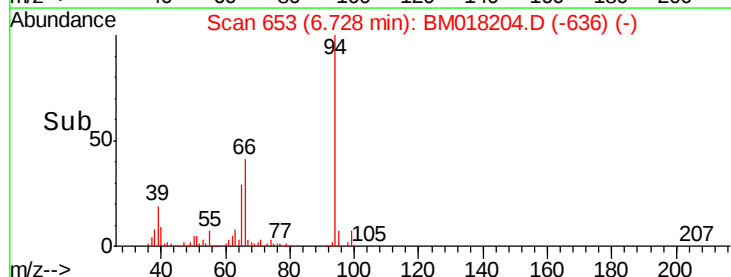
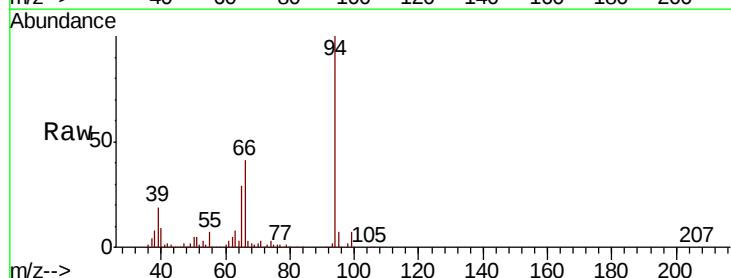
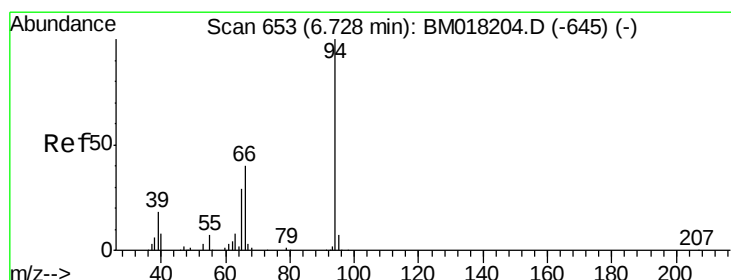
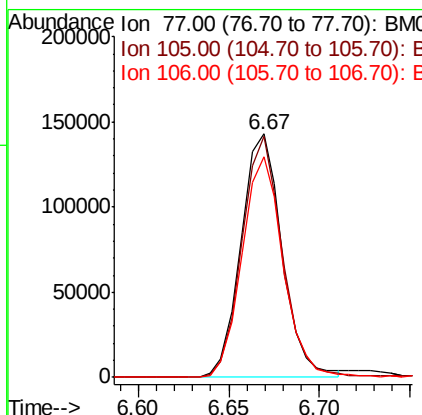
BNA\_M

ClientSampleId :

SSTDICCC040

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#10

Phenol

Concen: 41.179 ng

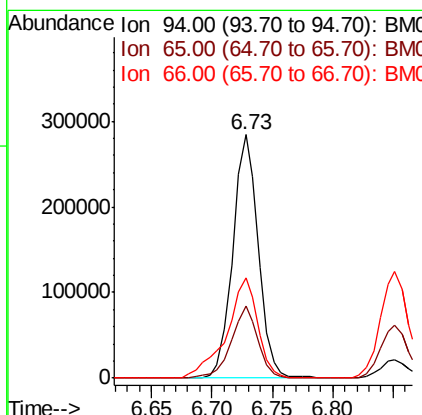
RT: 6.73 min Scan# 653

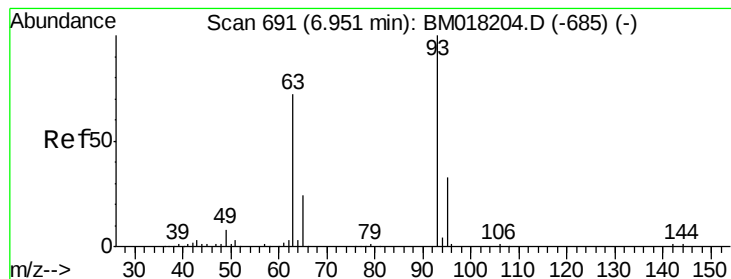
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 417927 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 29.5  | 9.5   | 49.5   |
| 66        | 41.3  | 21.3  | 61.3   |





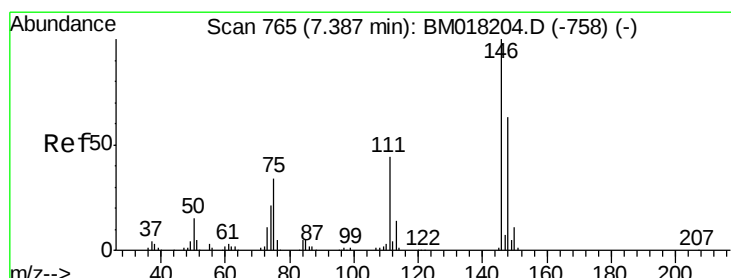
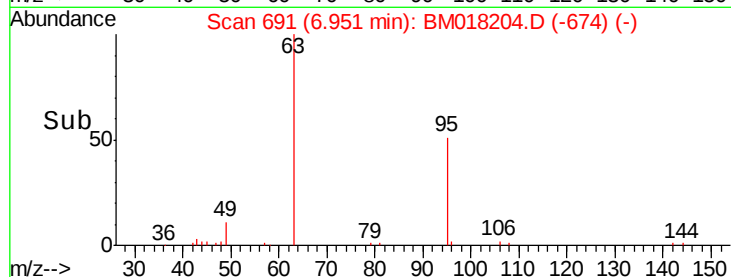
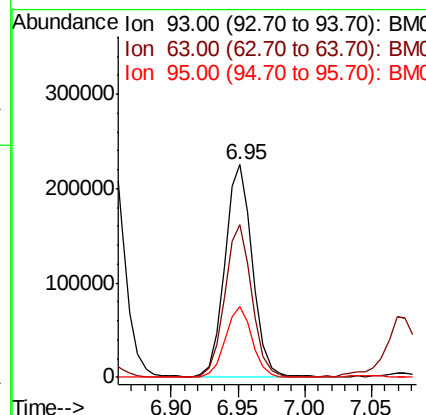
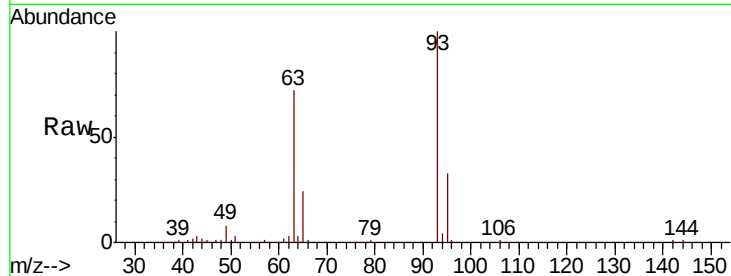
#11  
bis(2-Chloroethyl)ether  
Concen: 40.546 ng  
RT: 6.95 min Scan# 691  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 71.7  | 51.7  | 91.7  |
| 95      | 33.1  | 13.1  | 53.1  |

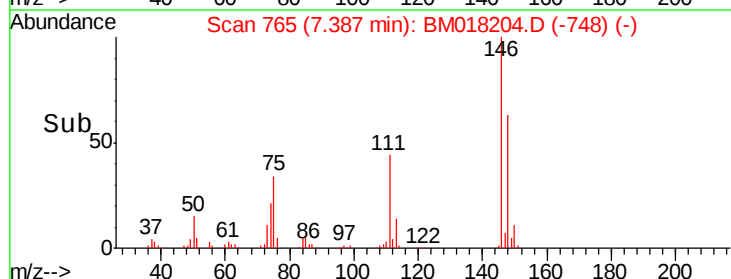
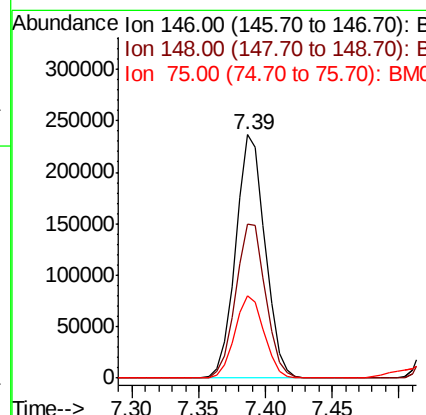
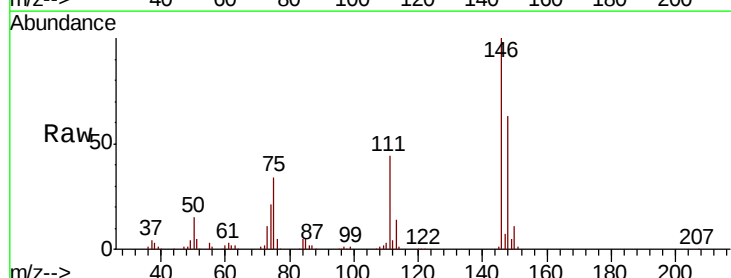
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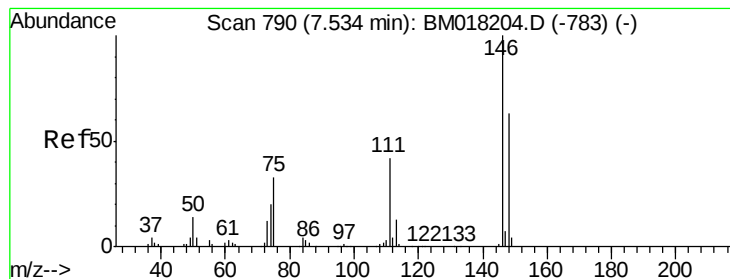
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#12  
1,3-Dichlorobenzene  
Concen: 39.193 ng  
RT: 7.39 min Scan# 765  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.3  | 50.6  | 76.0  |
| 75      | 33.7  | 27.0  | 40.4  |





#13

1,4-Dichlorobenzene

Concen: 39.099 ng

RT: 7.53 min Scan# 790

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

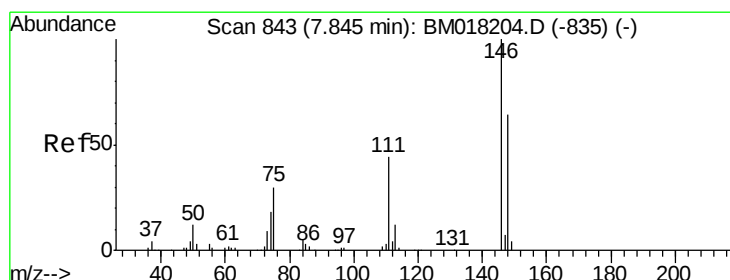
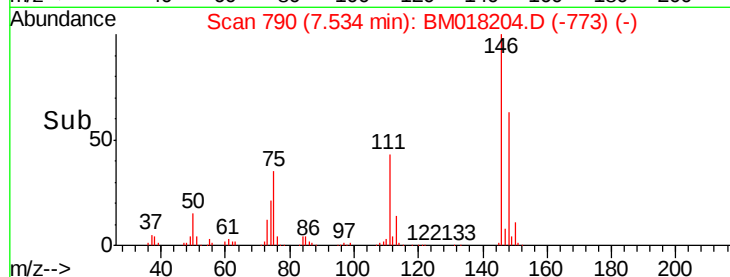
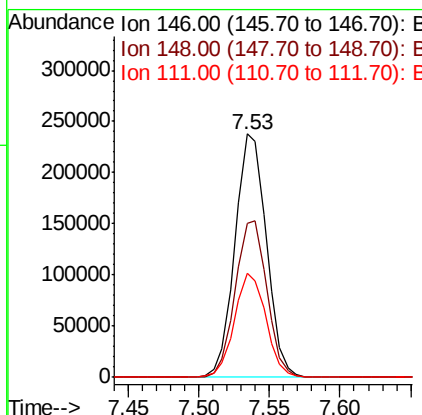
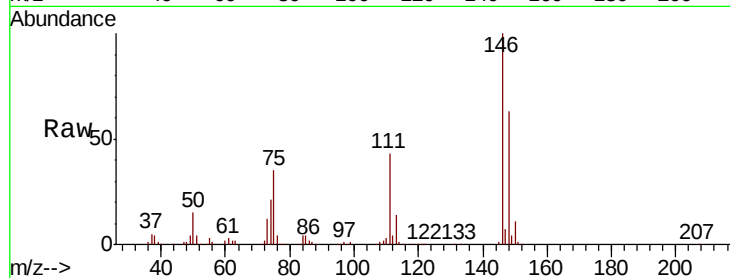
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 370113 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.4  | 50.7  | 76.1   |
| 111       | 42.7  | 34.2  | 51.2   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 39.121 ng

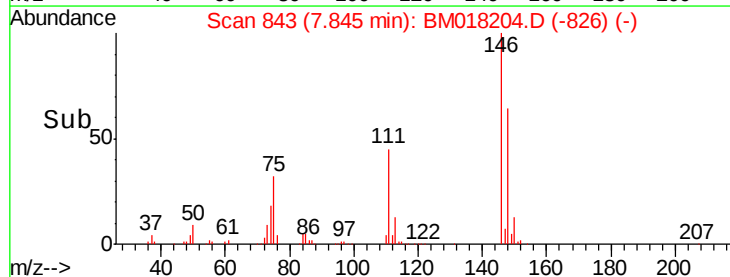
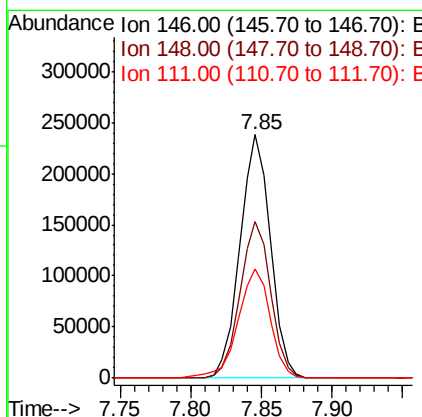
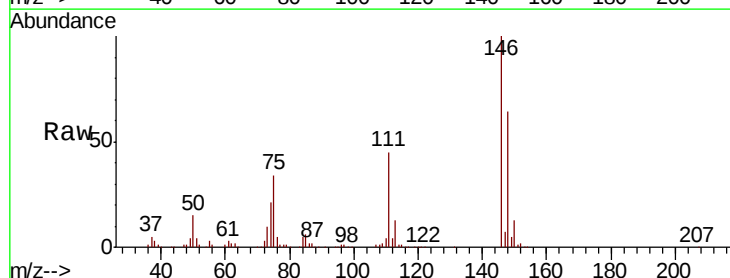
RT: 7.85 min Scan# 843

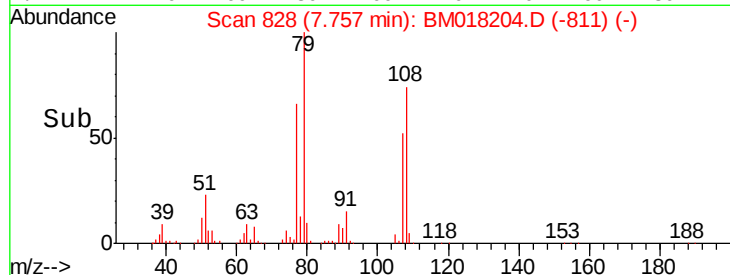
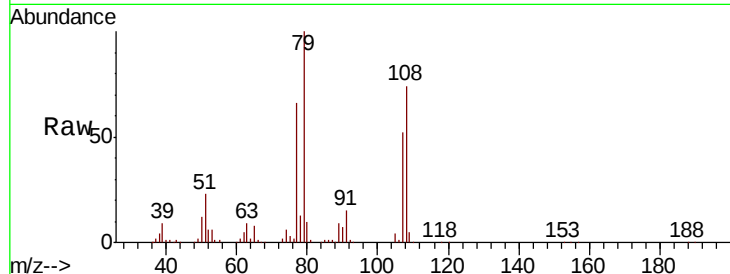
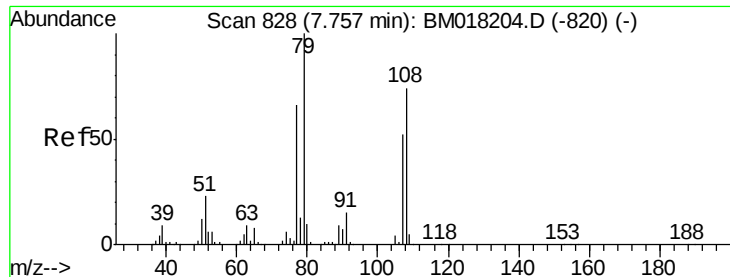
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 358978 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.1  | 51.3  | 76.9   |
| 111       | 44.8  | 35.8  | 53.8   |





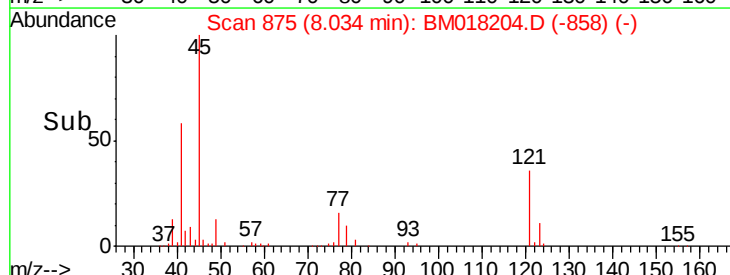
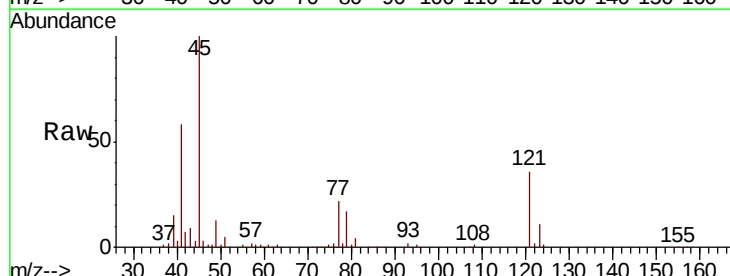
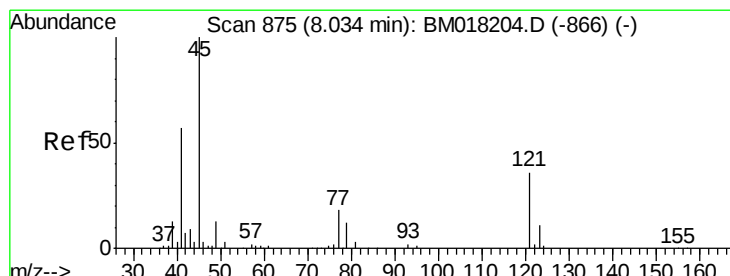
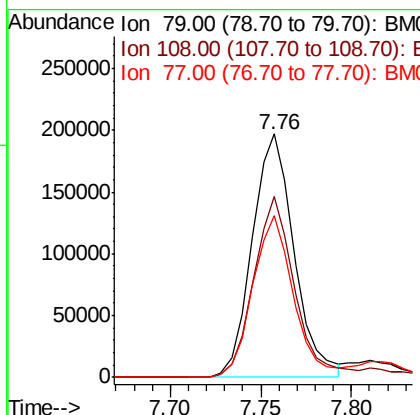
#15  
Benzyl Alcohol  
Concen: 41.273 ng  
RT: 7.76 min Scan# 828  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 74.1  | 59.3  | 88.9  |
| 77      | 66.2  | 53.0  | 79.4  |

Instrument :  
BNA\_M  
ClientSampled :  
SSTDICCC040

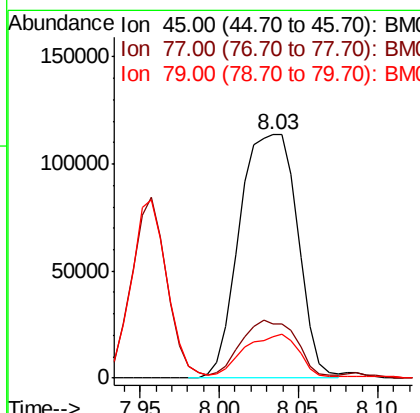
Manual Integrations  
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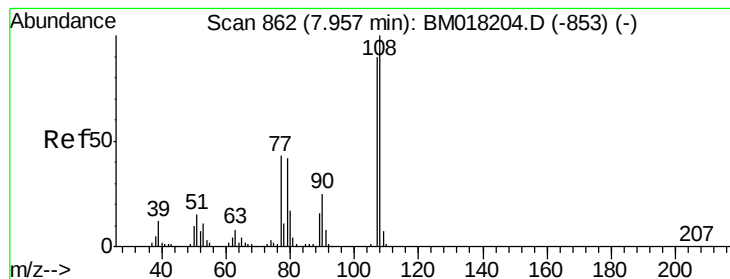
Sohil  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 25.249 ng  
RT: 8.03 min Scan# 875  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 22.5  | 2.5   | 42.5  |
| 79      | 17.2  | 0.0   | 37.2  |





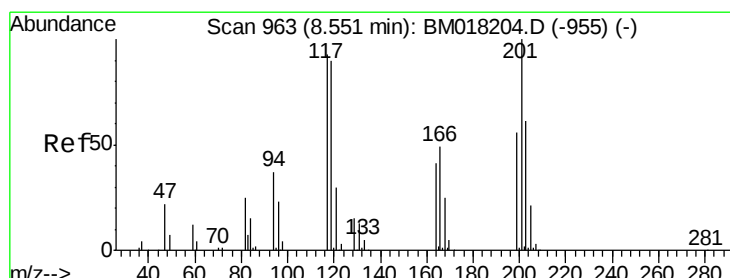
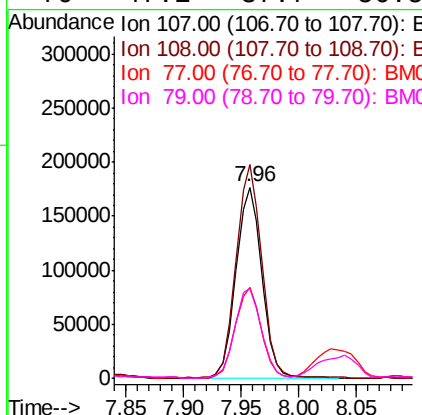
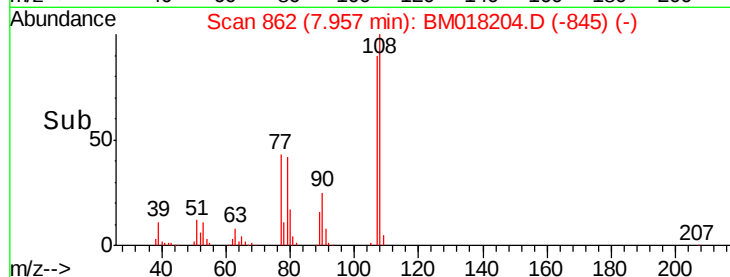
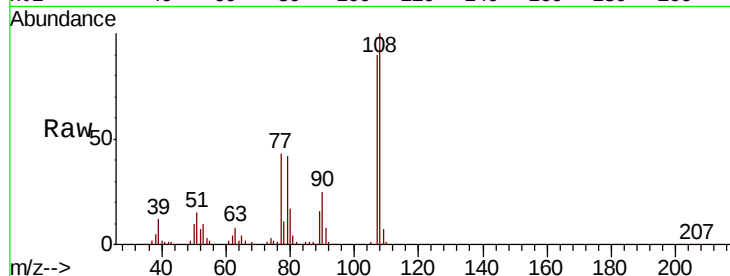
#17  
2-Methylphenol  
Concen: 40.392 ng  
RT: 7.96 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampled :  
SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 111.6 | 89.3 | 133.9 |       |
| 77      | 47.8  | 38.2 | 57.4  |       |
| 79      | 47.1  | 37.7 | 56.5  |       |

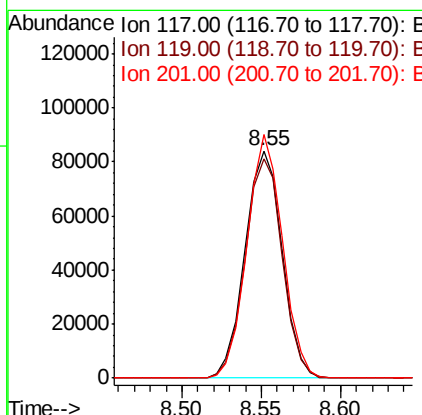
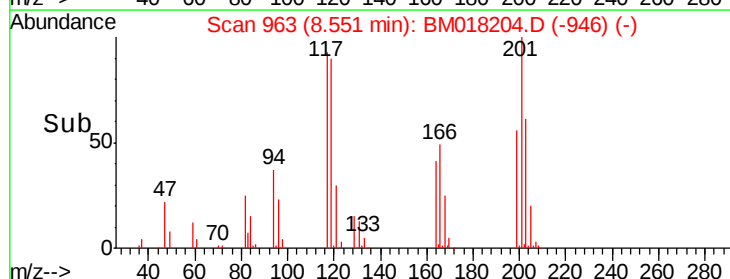
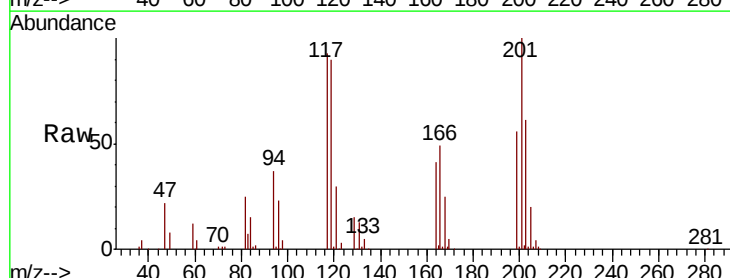
Manual Integrations  
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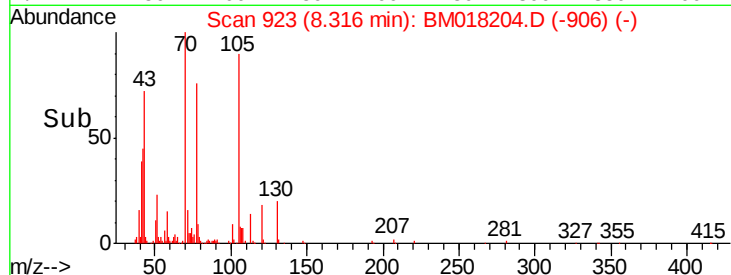
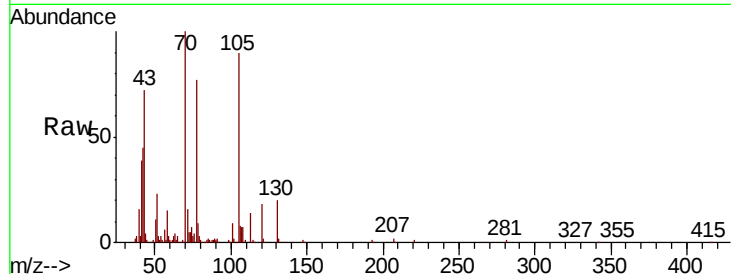
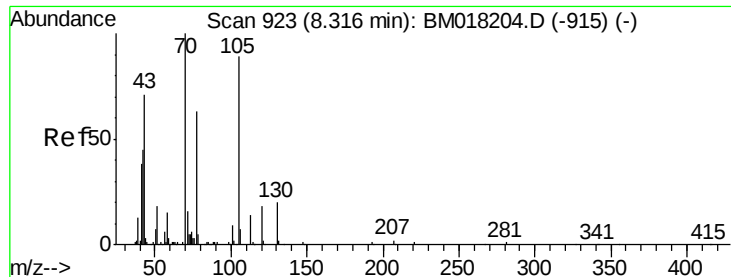
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#18  
Hexachloroethane  
Concen: 40.944 ng  
RT: 8.55 min Scan# 963  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 96.2  | 77.0 | 115.4 |       |
| 201     | 107.1 | 85.7 | 128.5 |       |





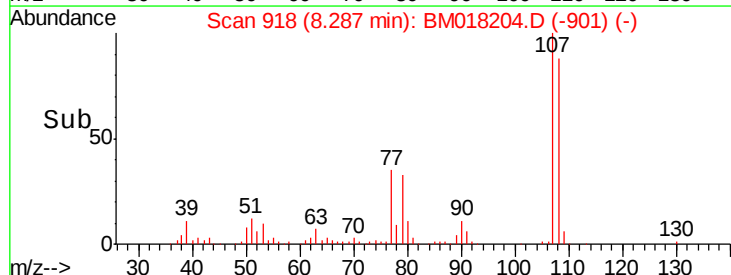
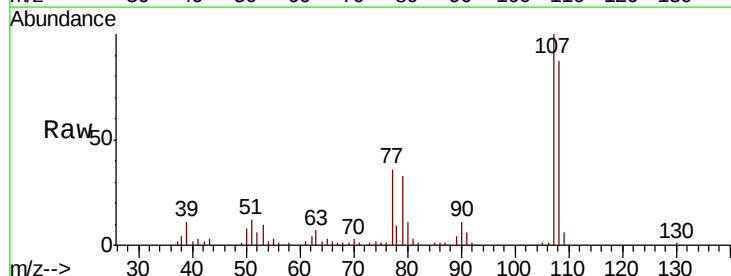
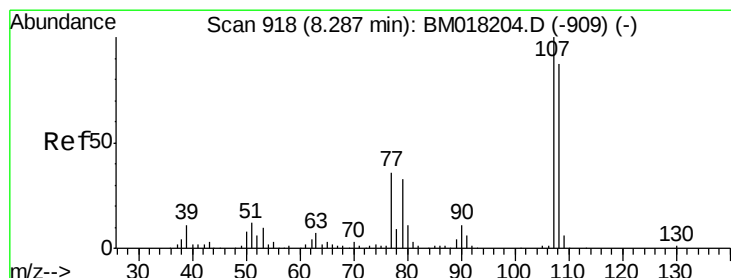
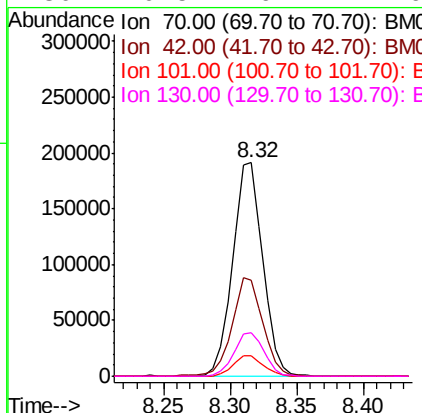
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.164 ng  
RT: 8.32 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 45.2  | 36.2  | 54.2  |
| 101     | 9.4   | 7.5   | 11.3  |
| 130     | 20.5  | 16.4  | 24.6  |

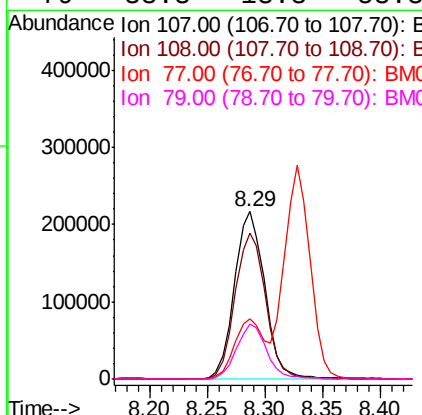
Manual Integrations  
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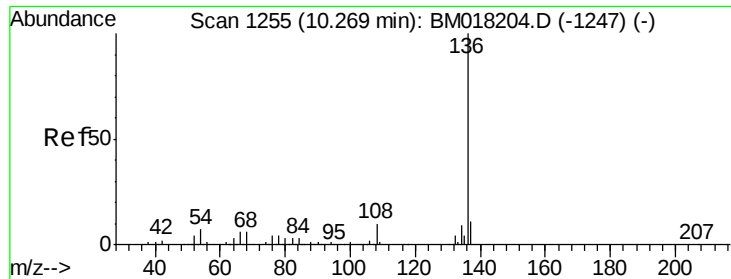
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12/17/2018 4:19:44 PM



#20  
3+4-Methylphenols  
Concen: 41.600 ng  
RT: 8.29 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.4  | 67.4  | 107.4 |
| 77      | 35.7  | 15.7  | 55.7  |
| 79      | 33.3  | 13.3  | 53.3  |





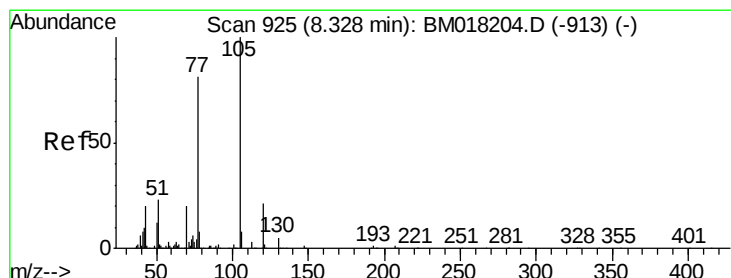
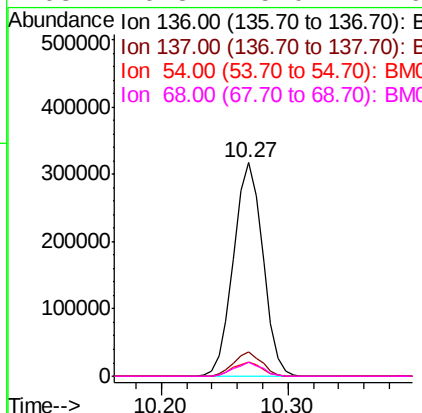
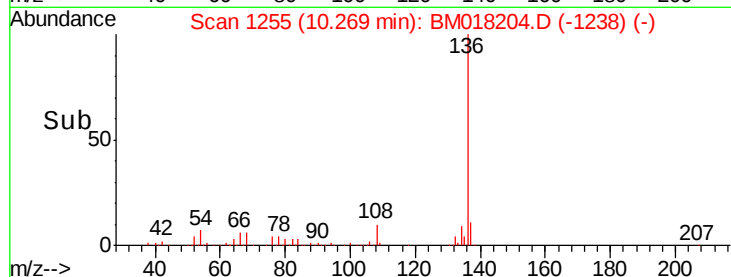
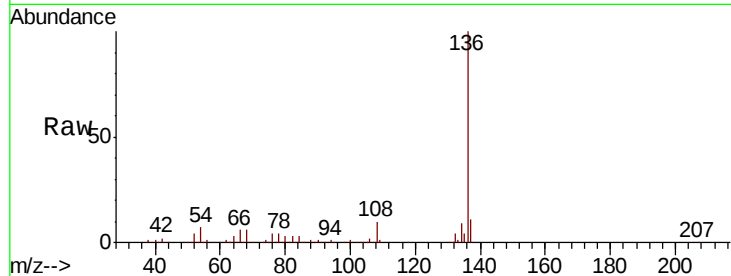
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.27 min Scan# 1255  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 508416 |       |       |
| 137     | 11.5 |       | 9.2    | 13.8  |       |
| 54      | 6.5  |       | 5.2    | 7.8   |       |
| 68      | 6.3  |       | 5.0    | 7.6   |       |

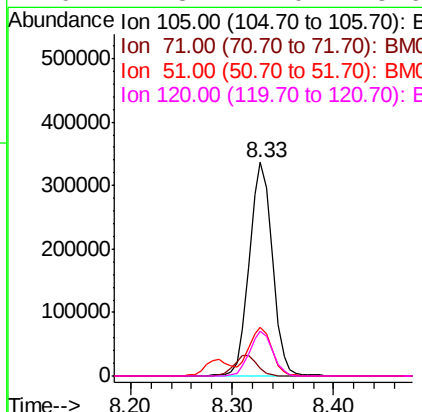
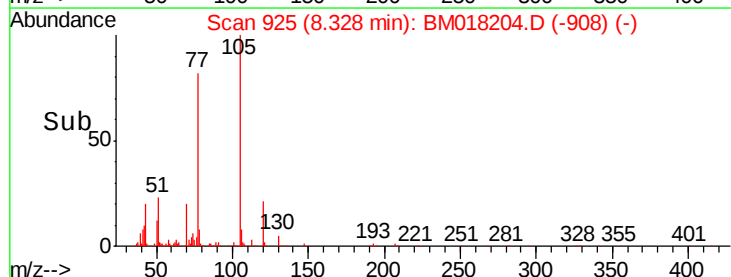
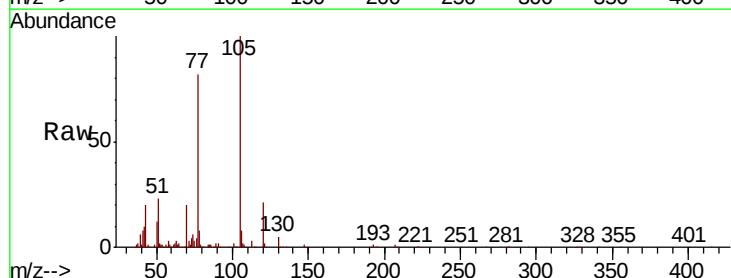
Manual Integrations  
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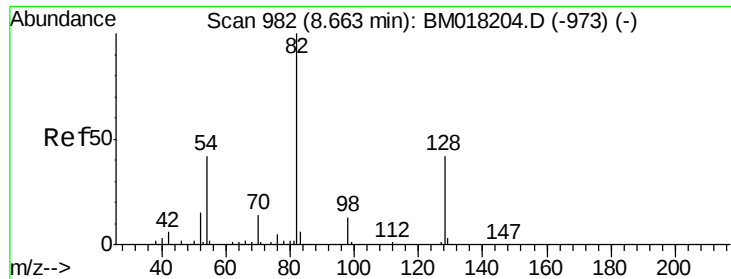
Sohil  
12/17/2018 4:19:44 PM



#22  
Acetophenone  
Concen: 41.896 ng  
RT: 8.33 min Scan# 925  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 533472 |       |       |
| 71      | 3.3  |       | 2.6    | 4.0   |       |
| 51      | 22.9 |       | 18.3   | 27.5  |       |
| 120     | 21.3 |       | 17.0   | 25.6  |       |





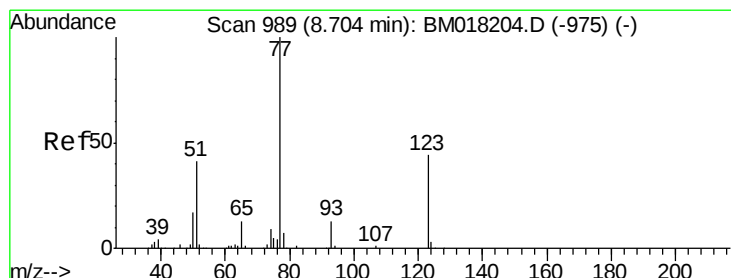
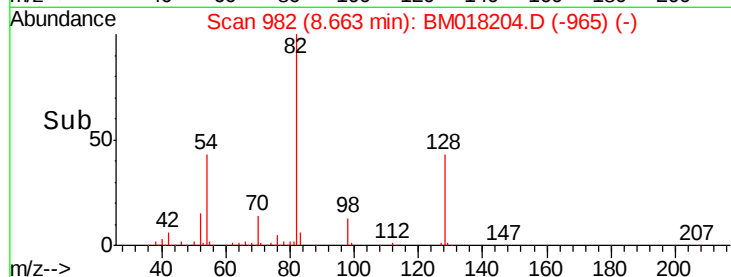
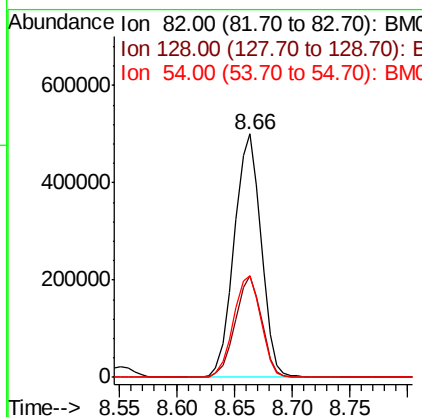
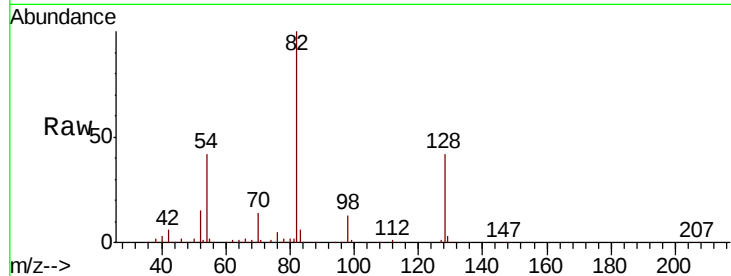
#23  
Nitrobenzene-d5  
Concen: 82.245 ng  
RT: 8.66 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.8  | 33.4  | 50.2  |
| 54      | 41.8  | 33.4  | 50.2  |

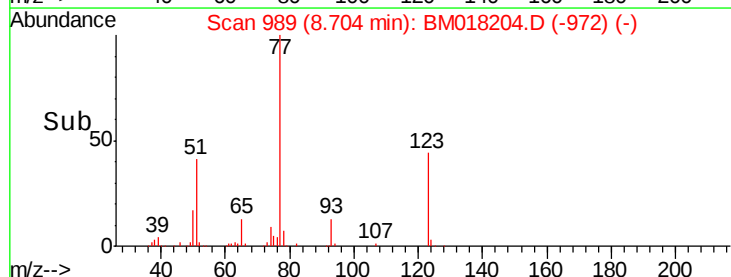
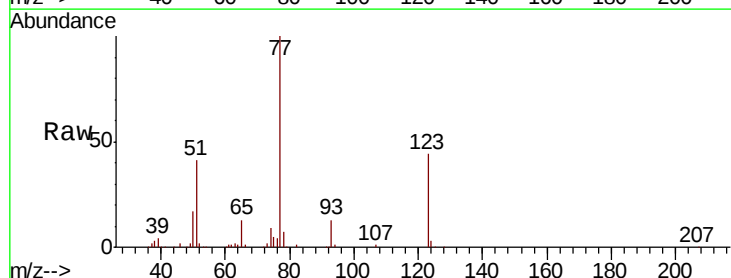
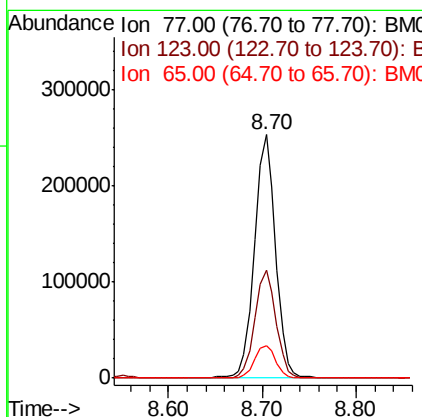
Manual Integrations  
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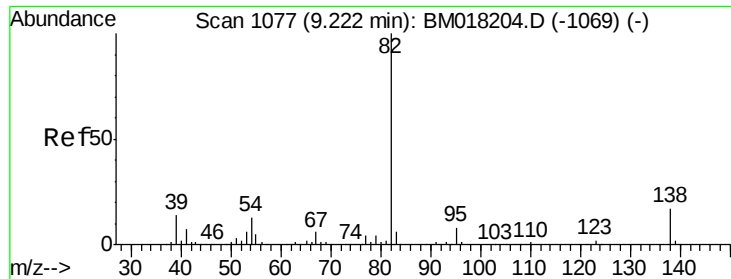
Sohil  
12/17/2018 4:19:44 PM



#24  
Nitrobenzene  
Concen: 39.522 ng  
RT: 8.70 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.3  | 35.4  | 53.2  |
| 65      | 13.2  | 10.6  | 15.8  |





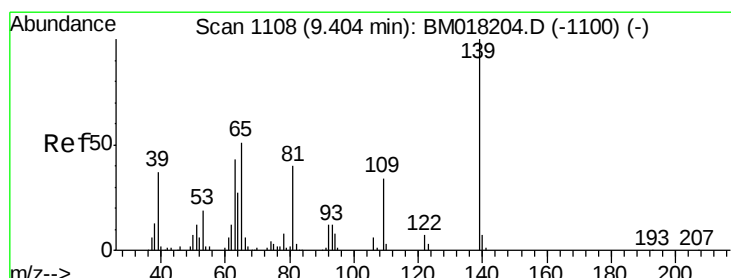
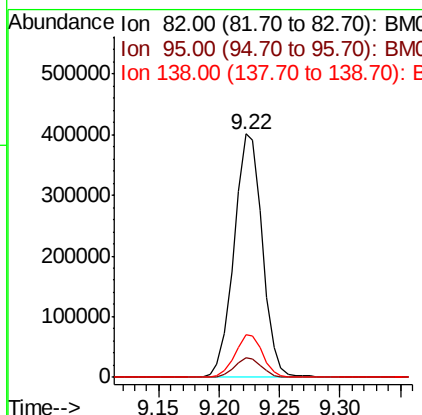
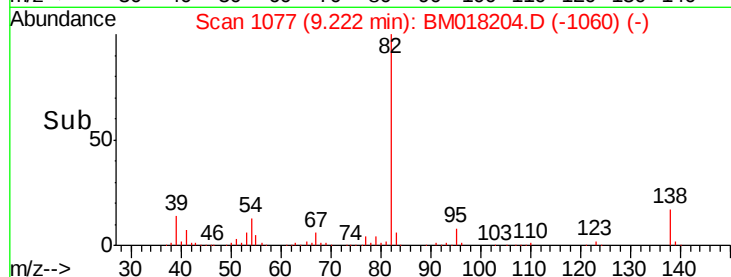
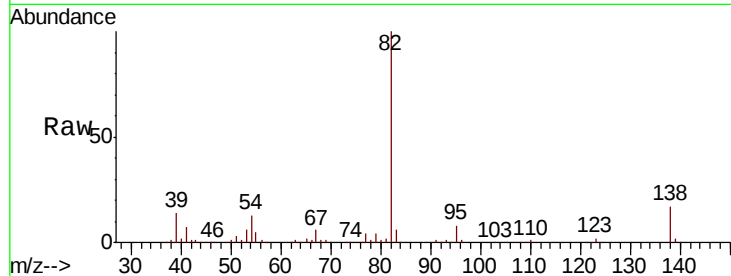
#25  
Isophorone  
Concen: 42.874 ng  
RT: 9.22 min Scan# 1077  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 656070 |       |       |
| 95      | 8.0   |        | 6.4   | 9.6   |
| 138     | 17.4  |        | 13.9  | 20.9  |

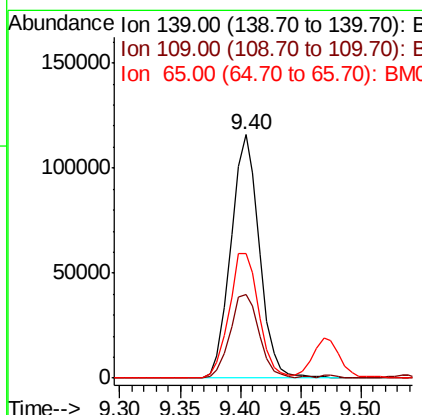
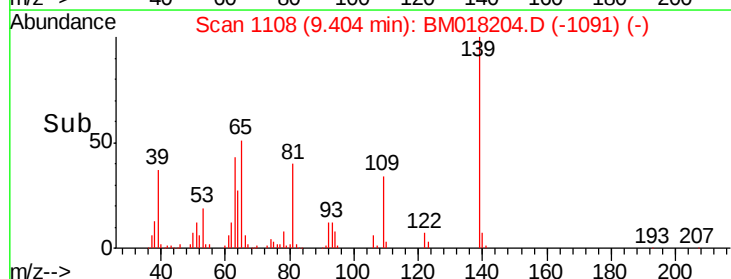
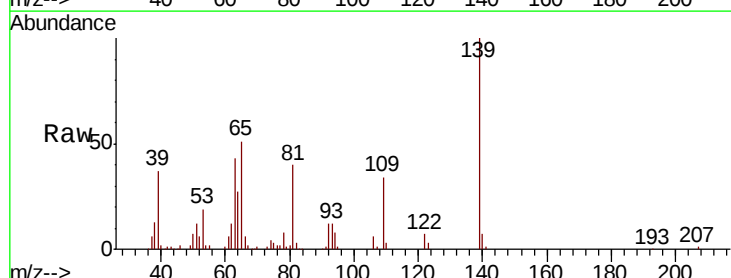
Manual Integrations  
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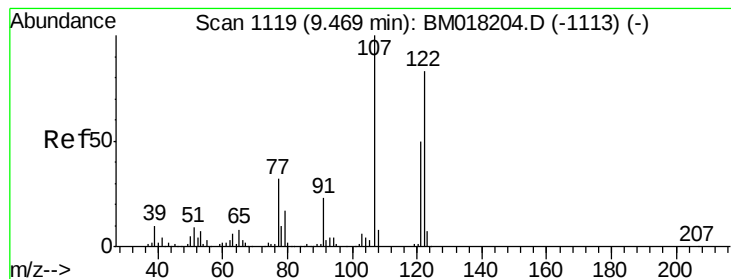
Sohil  
12/17/2018 4:19:44 PM



#26  
2-Nitrophenol  
Concen: 41.369 ng  
RT: 9.40 min Scan# 1108  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 190072 |       |       |
| 109     | 34.2  |        | 27.4  | 41.0  |
| 65      | 51.2  |        | 41.0  | 61.4  |





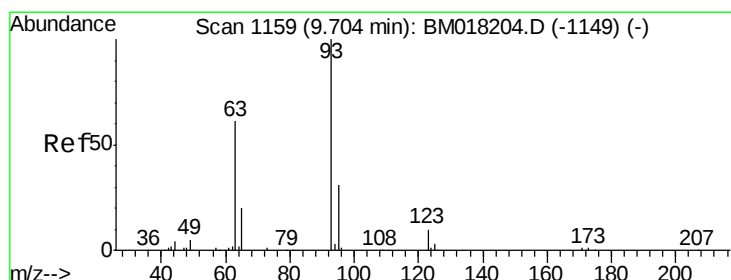
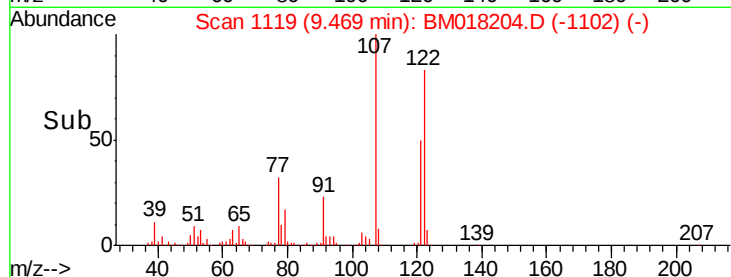
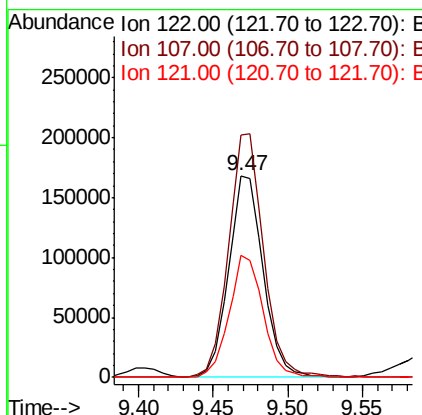
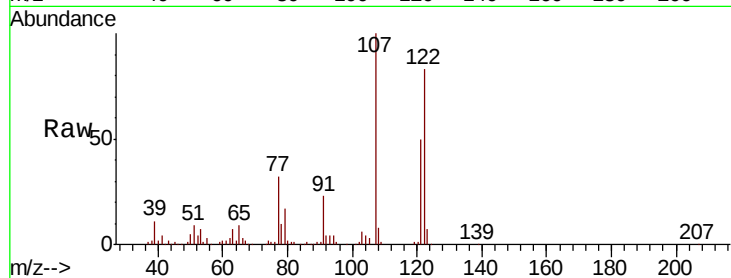
#27  
 2,4-Dimethylphenol  
 Concen: 41.053 ng  
 RT: 9.47 min Scan# 1119  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 120.6 | 96.5  | 144.7 |
| 121     | 60.3  | 48.2  | 72.4  |

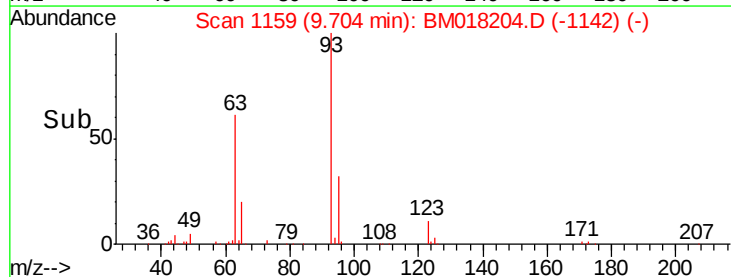
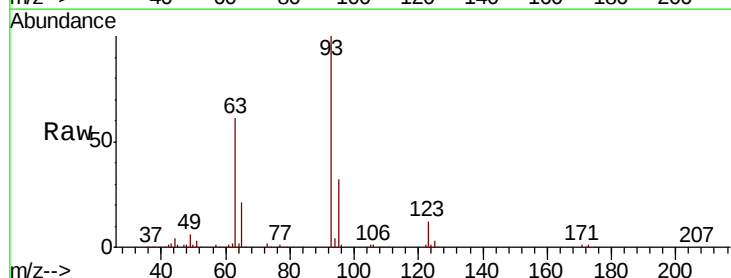
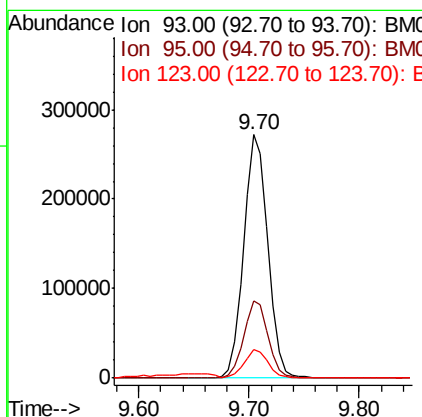
Manual Integrations  
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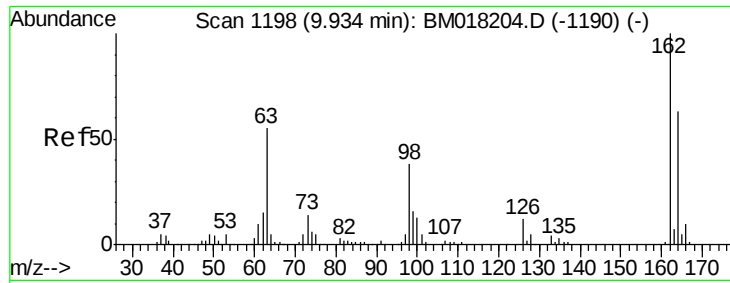
Sohil  
 12/17/2018 4:19:44 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.434 ng  
 RT: 9.70 min Scan# 1159  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.6  | 25.3  | 37.9  |
| 123     | 11.6  | 9.3   | 13.9  |





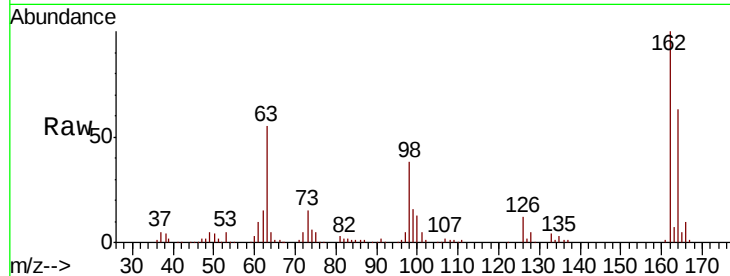
#29  
2,4-Dichlorophenol  
Concen: 40.469 ng  
RT: 9.93 min Scan# 1198  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 309607 |       |       |
| 164     | 63.0  | 43.0   | 83.0  |       |
| 98      | 38.3  | 18.3   | 58.3  |       |

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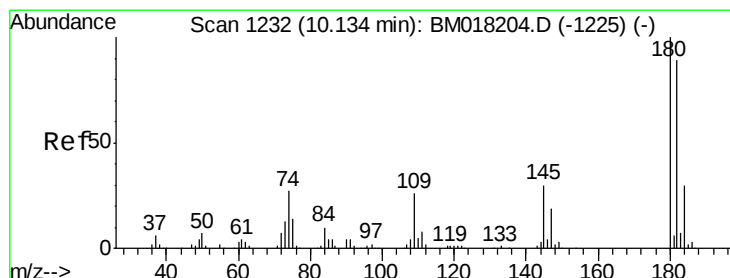
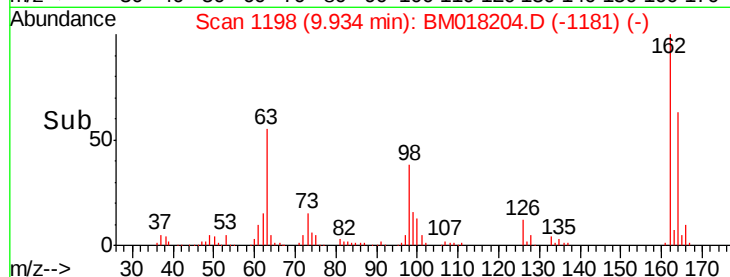
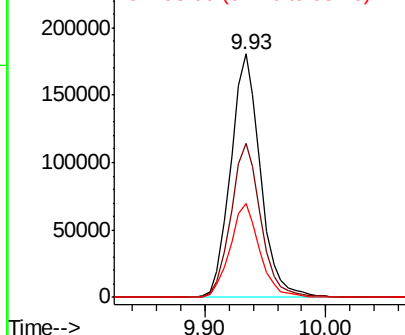


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30  
1,2,4-Trichlorobenzene  
Concen: 38.712 ng  
RT: 10.13 min Scan# 1232  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

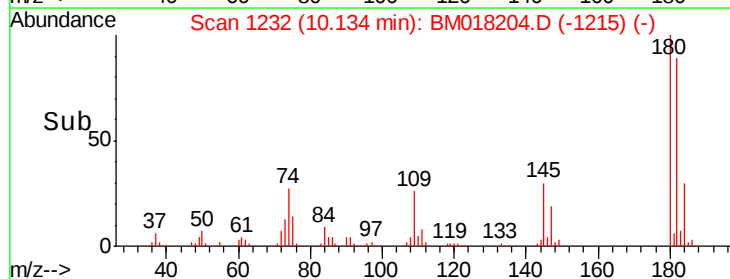
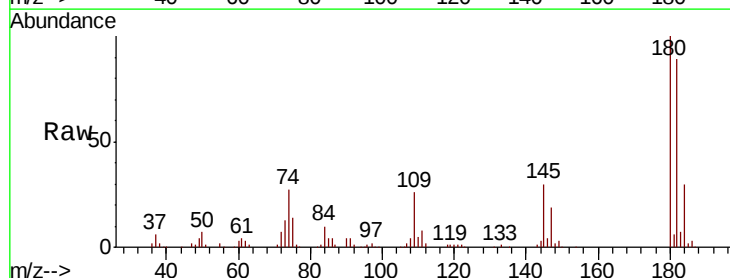
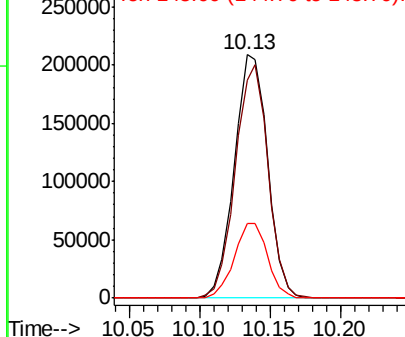
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 344082 |       |       |
| 182     | 89.3  | 71.4   | 107.2 |       |
| 145     | 30.5  | 24.4   | 36.6  |       |

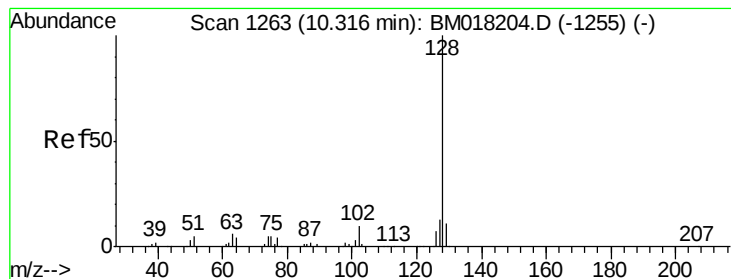
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.712 ng

RT: 10.32 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

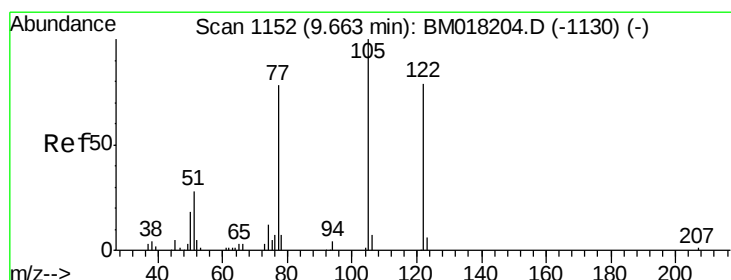
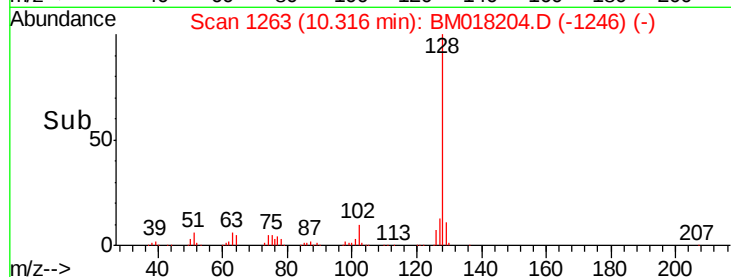
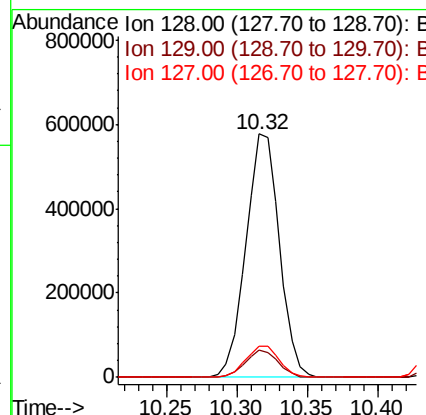
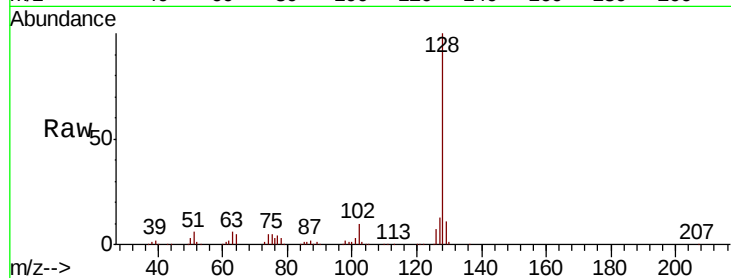
ClientSampleId :

SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 8.9   | 13.3  |
| 127     | 13.0  | 10.4  | 15.6  |

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#32

Benzoic acid

Concen: 42.190 ng m

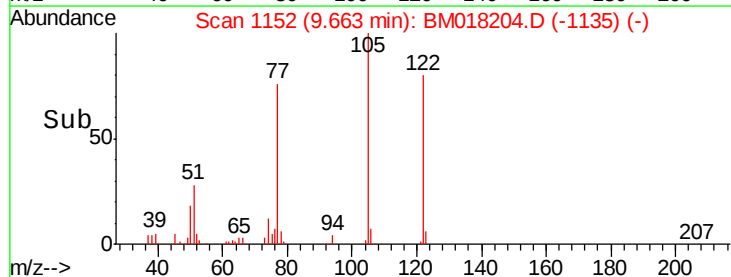
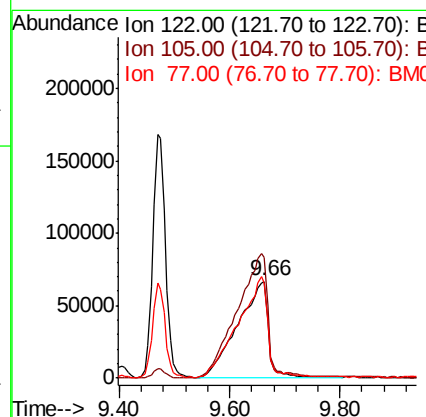
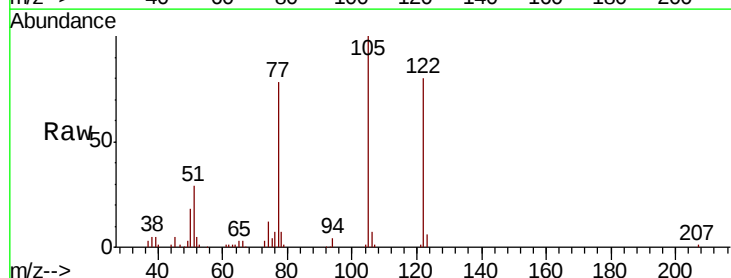
RT: 9.66 min Scan# 1152

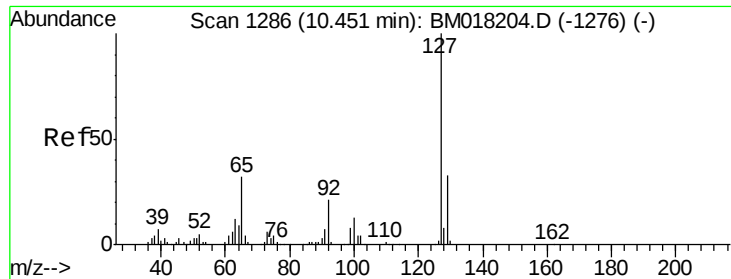
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 124.8 | 104.8 | 144.8 |
| 77      | 97.7  | 77.7  | 117.7 |





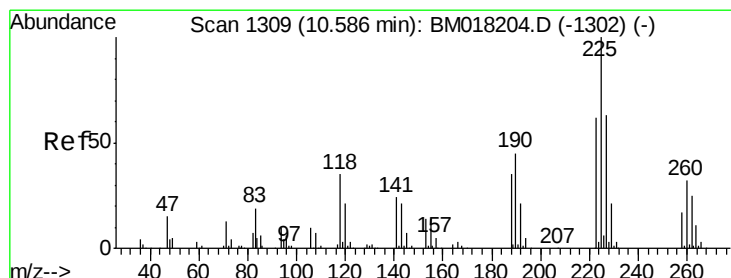
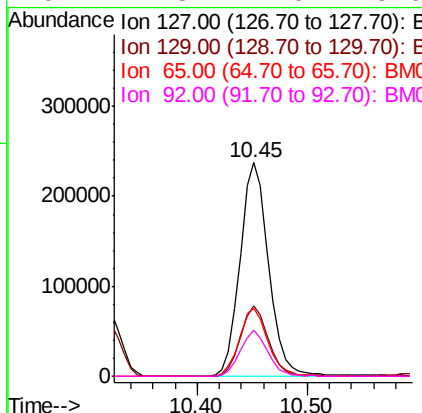
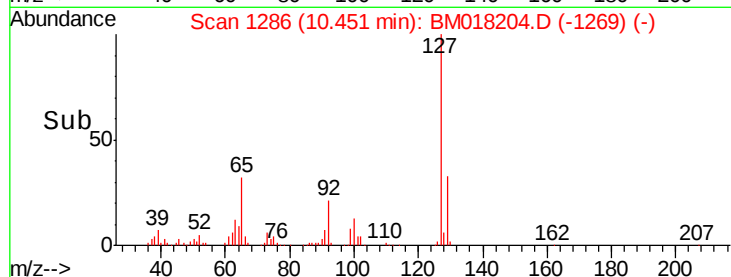
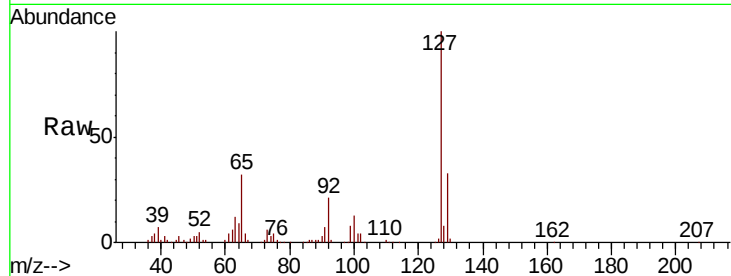
#33  
4-Chloroaniline  
Concen: 40.014 ng  
RT: 10.45 min Scan# 1286  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.0  | 26.4  | 39.6  |
| 65      | 32.0  | 25.6  | 38.4  |
| 92      | 21.3  | 17.0  | 25.6  |

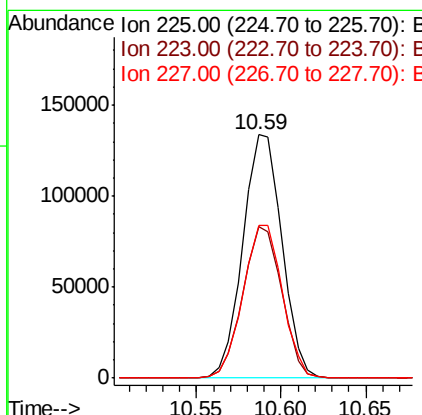
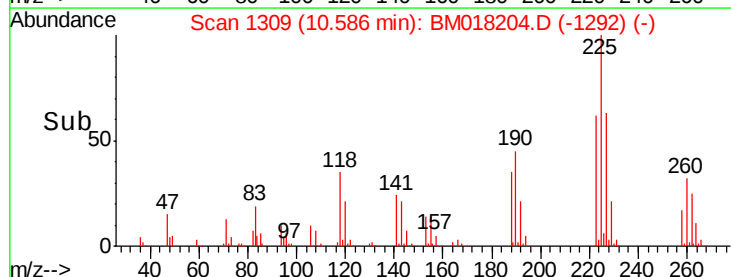
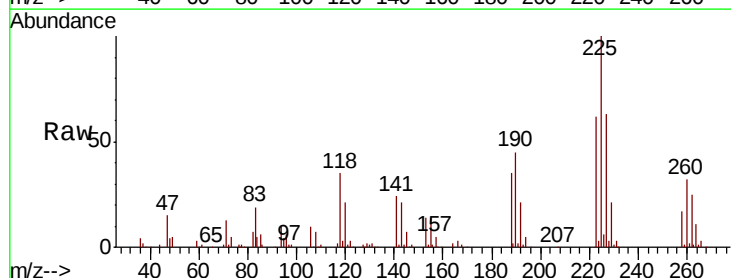
Manual Integrations  
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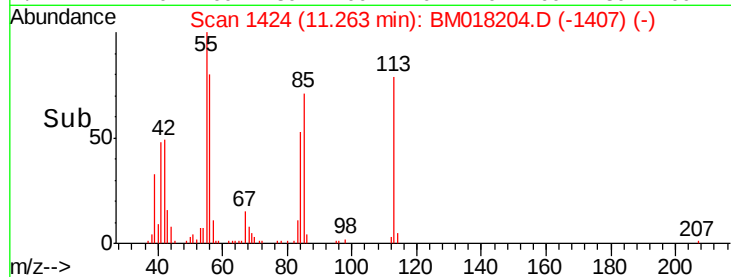
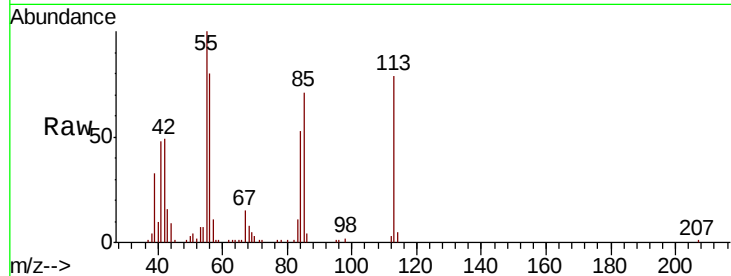
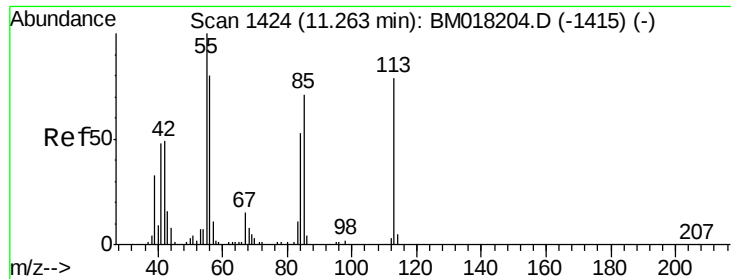
Sohil  
12/17/2018 4:19:44 PM



#34  
Hexachlorobutadiene  
Concen: 39.026 ng  
RT: 10.59 min Scan# 1309  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.2  | 49.8  | 74.6  |
| 227     | 62.8  | 50.2  | 75.4  |





#35

Caprolactam

Concen: 41.465 ng

RT: 11.26 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

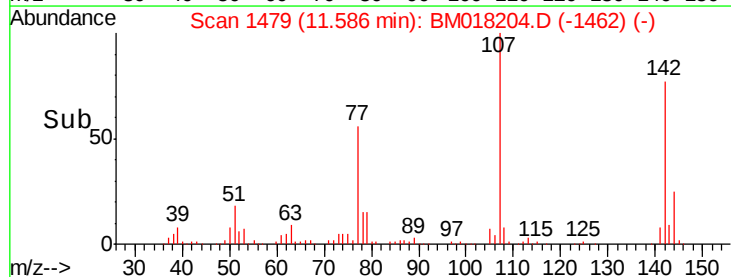
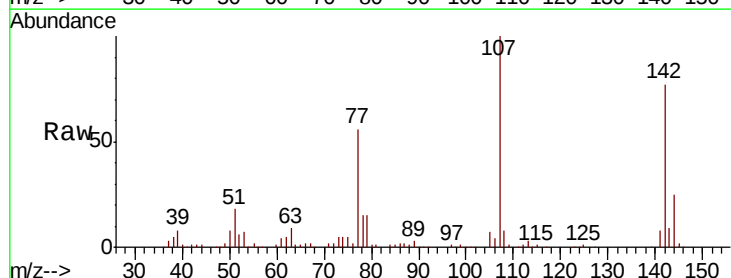
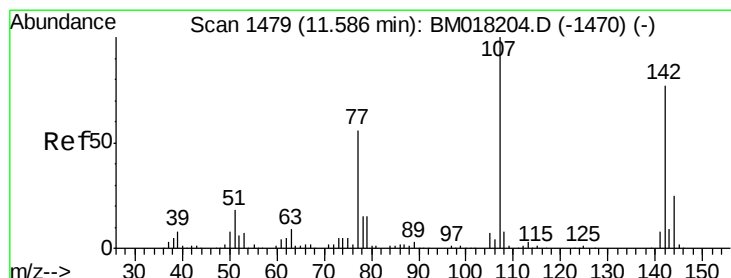
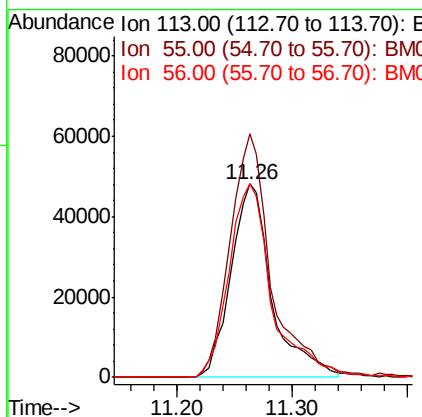
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 118217 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 125.9 | 105.9 | 145.9  |
| 56        | 100.1 | 80.1  | 120.1  |

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#36

4-Chloro-3-methylphenol

Concen: 40.994 ng

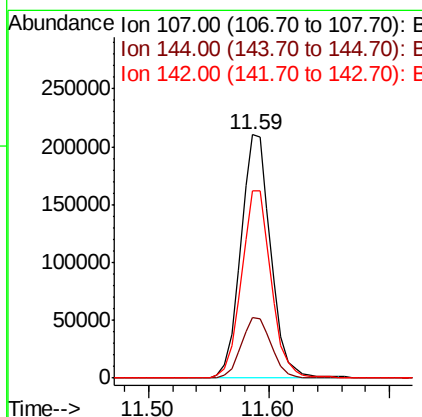
RT: 11.59 min Scan# 1479

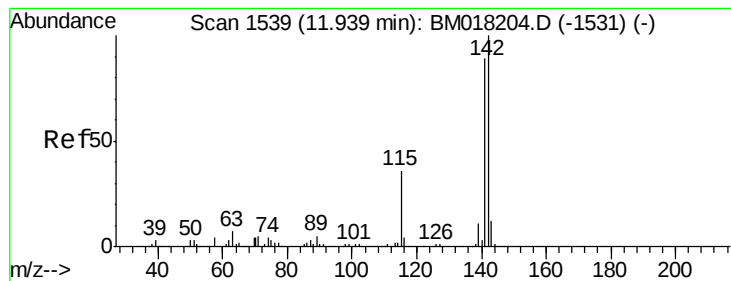
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 363703 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.1  | 20.1  | 30.1   |
| 142       | 77.1  | 61.7  | 92.5   |





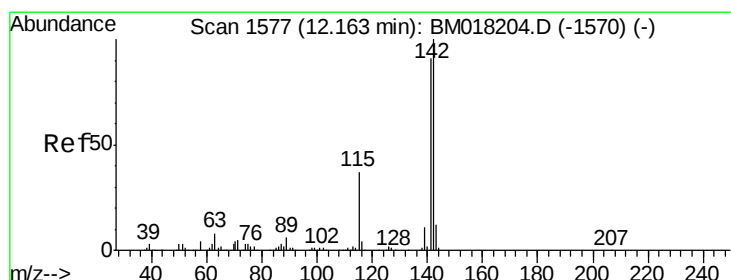
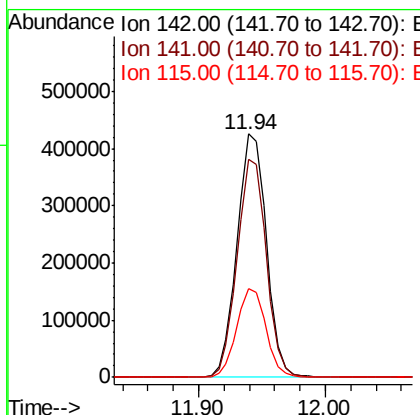
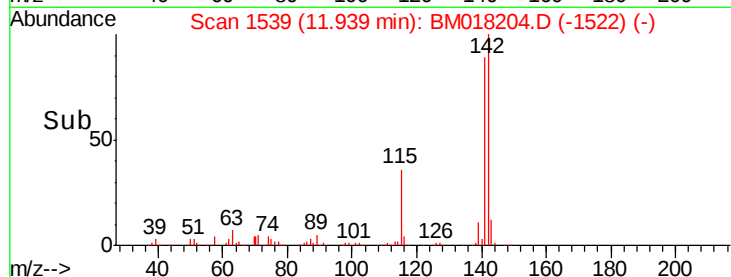
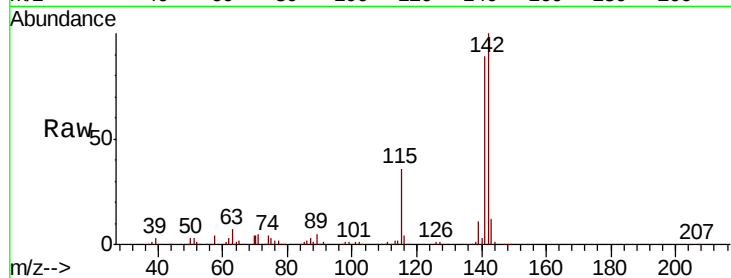
#37  
 2-Methylnaphthalene  
 Concen: 39.061 ng  
 RT: 11.94 min Scan# 1539  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.3  | 71.4  | 107.2 |
| 115     | 36.3  | 29.0  | 43.6  |

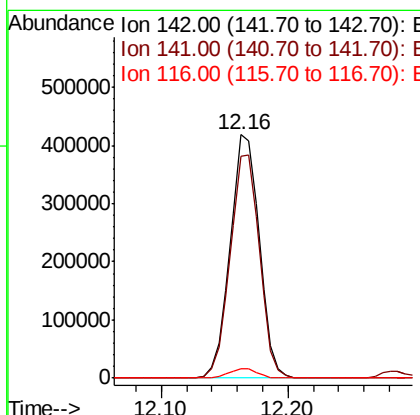
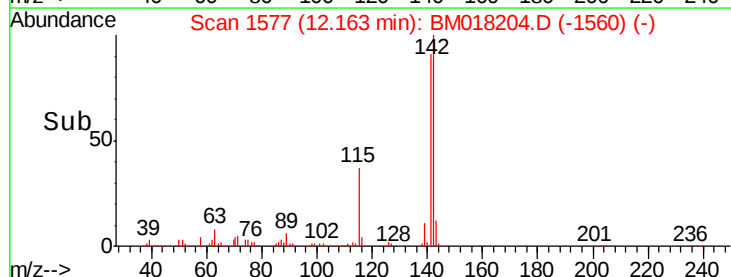
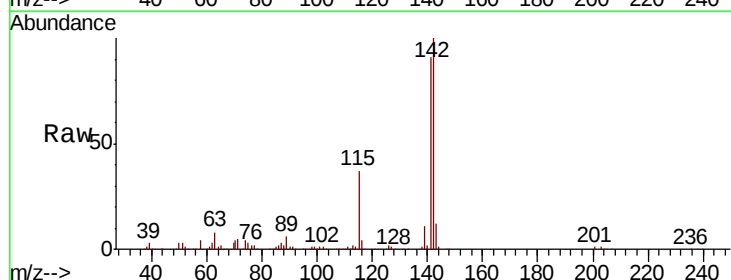
Manual Integrations  
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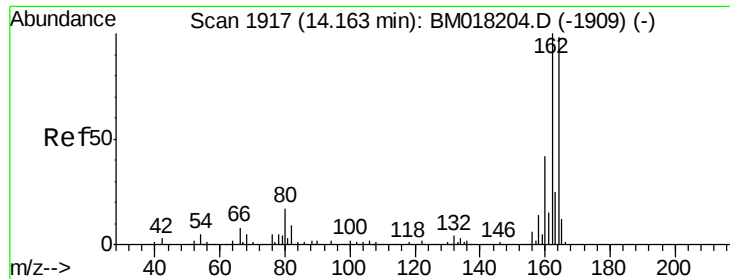
Sohil  
 12/17/2018 4:19:44 PM



#38  
 1-Methylnaphthalene  
 Concen: 38.567 ng  
 RT: 12.16 min Scan# 1577  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.2  | 73.0  | 109.4 |
| 116     | 3.8   | 3.0   | 4.6   |





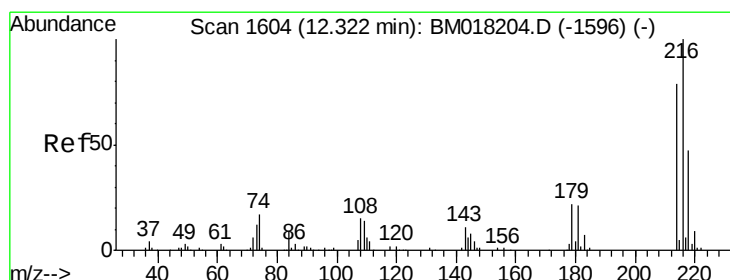
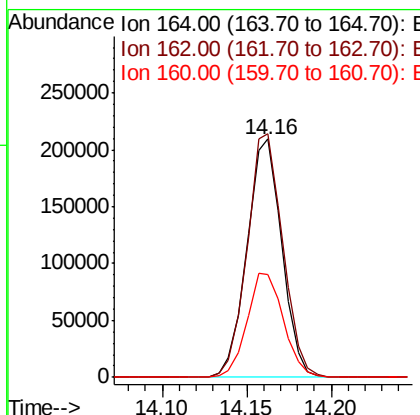
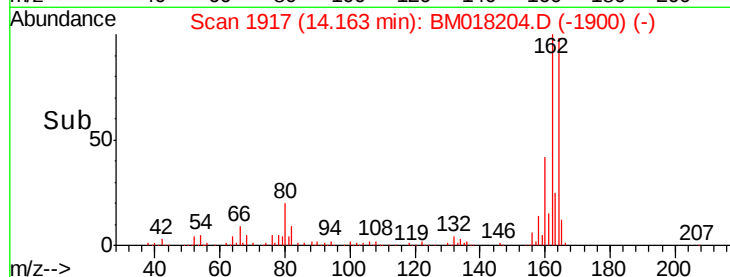
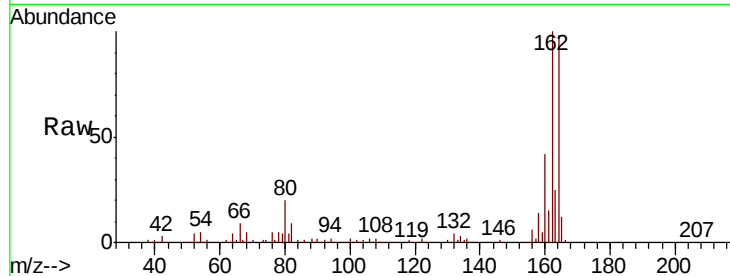
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.16 min Scan# 1917  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.2 | 81.8  | 122.6 |
| 160     | 43.2  | 34.6  | 51.8  |

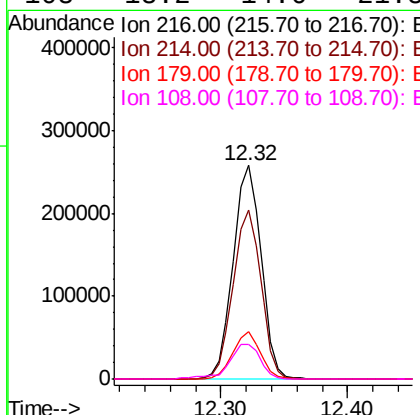
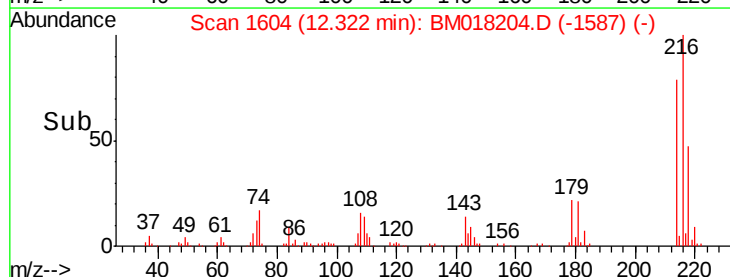
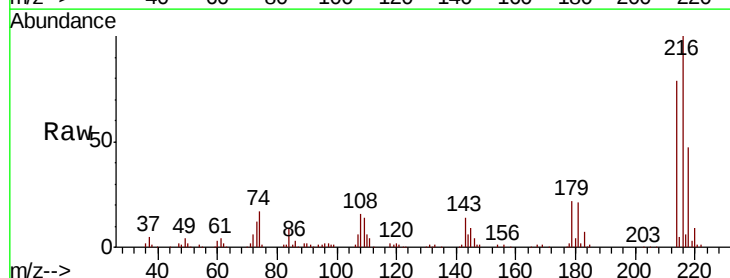
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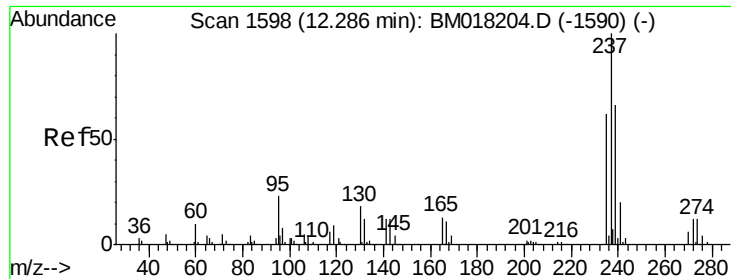
Sohil  
12/17/2018 4:19:44 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.530 ng  
RT: 12.32 min Scan# 1604  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 79.2  | 63.4  | 95.0  |
| 179     | 21.5  | 17.2  | 25.8  |
| 108     | 18.2  | 14.6  | 21.8  |





#41

Hexachlorocyclopentadiene

Concen: 27.799 ng

RT: 12.29 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

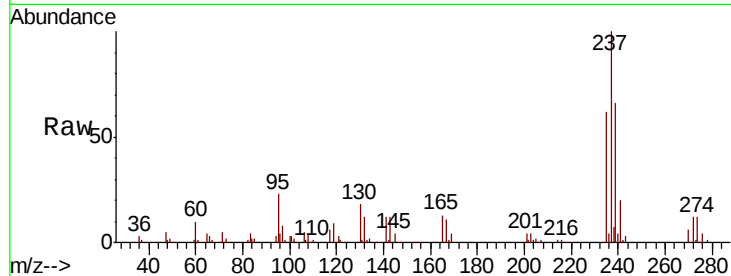
ClientSampleId :

SSTDICCC040

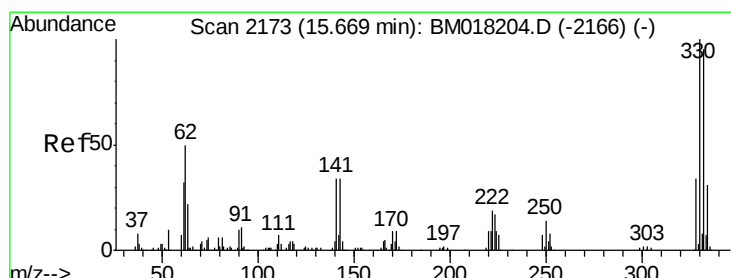
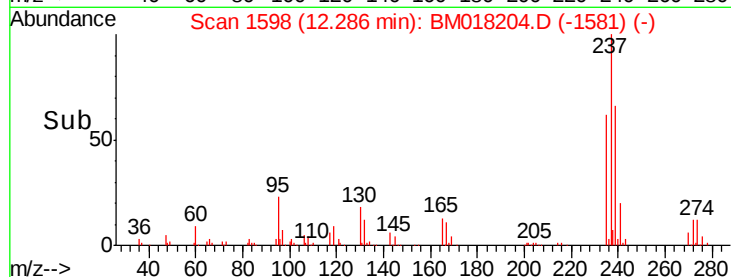
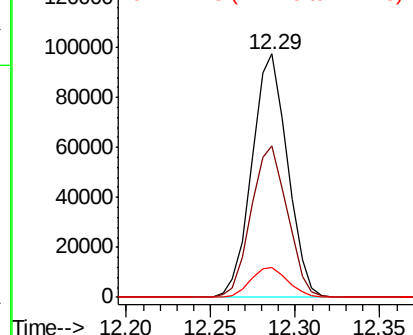
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 143284 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 62.1  | 42.1  | 82.1   |
| 272       | 12.1  | 0.0   | 32.1   |

Manual Integrations  
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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: 80.628 ng

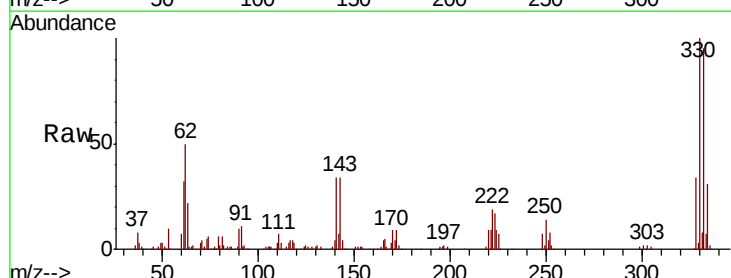
RT: 15.67 min Scan# 2173

Delta R.T. 0.00 min

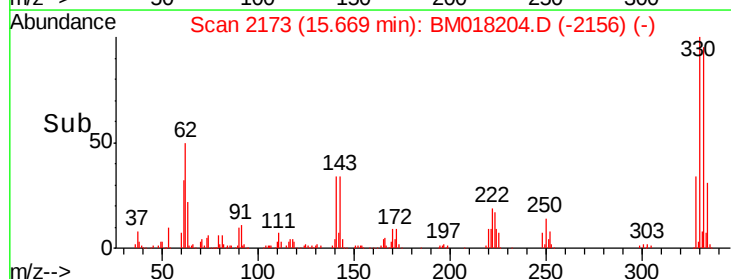
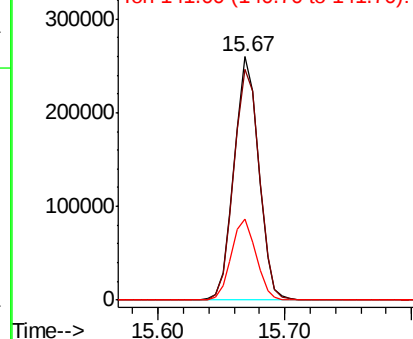
Lab File: BM018204.D

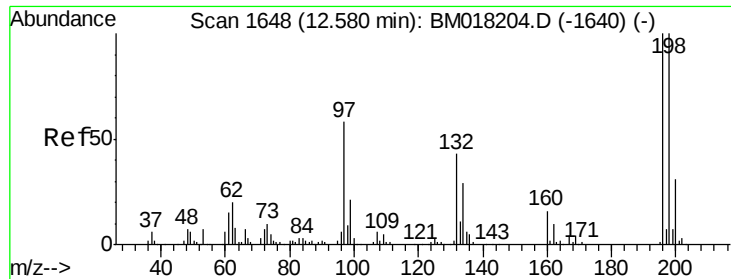
Acq: 15 Dec 2018 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 347368 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 98.3  | 78.6  | 118.0  |
| 141       | 33.9  | 27.1  | 40.7   |



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





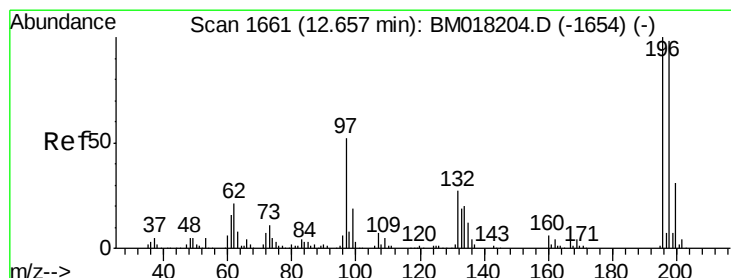
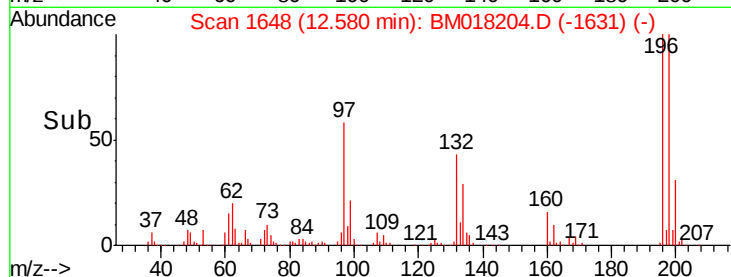
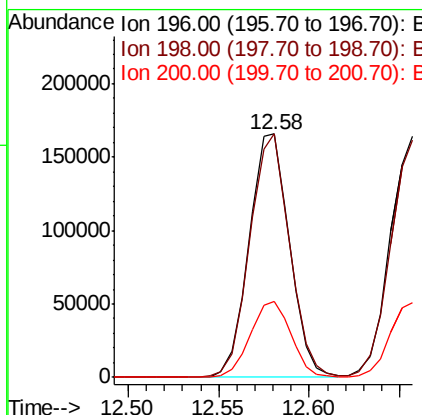
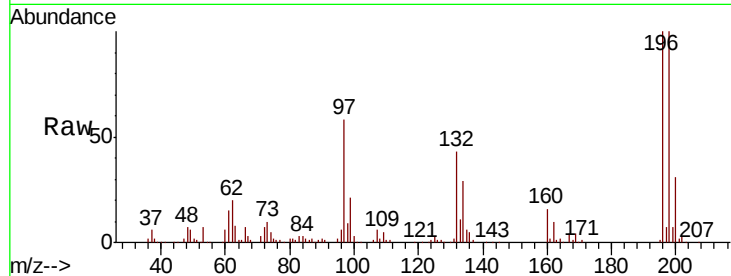
#43  
 2,4,6-Trichlorophenol  
 Concen: 39.069 ng  
 RT: 12.58 min Scan# 1648  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 257243 |       |       |
| 198     | 100.1 | 80.1   | 120.1 |       |
| 200     | 31.1  | 24.9   | 37.3  |       |

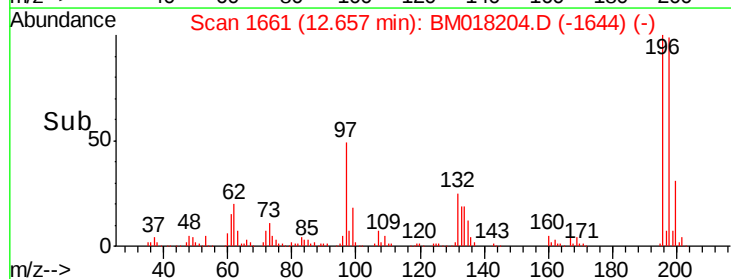
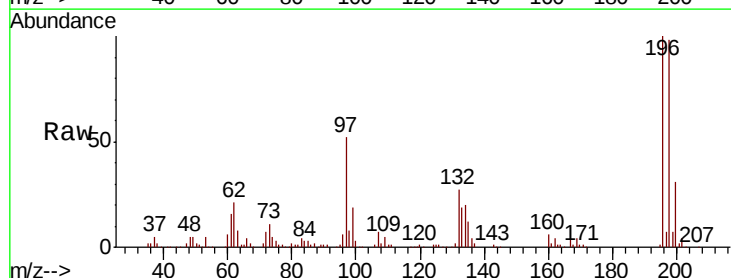
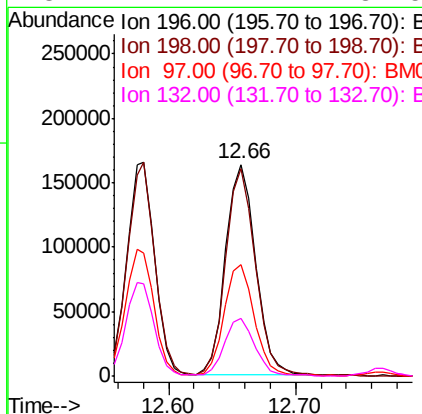
Manual Integrations  
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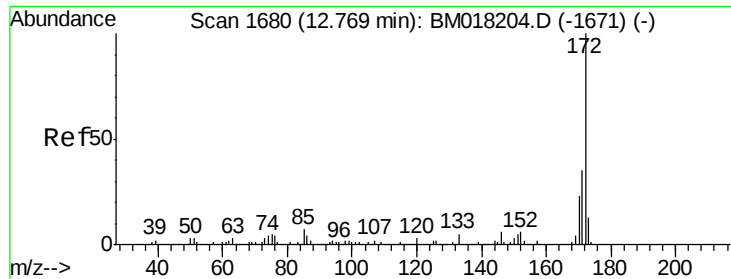
Sohil  
 12/17/2018 4:19:44 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.779 ng  
 RT: 12.66 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 269662 |       |       |
| 198     | 98.1  | 78.5   | 117.7 |       |
| 97      | 52.4  | 41.9   | 62.9  |       |
| 132     | 27.1  | 21.7   | 32.5  |       |





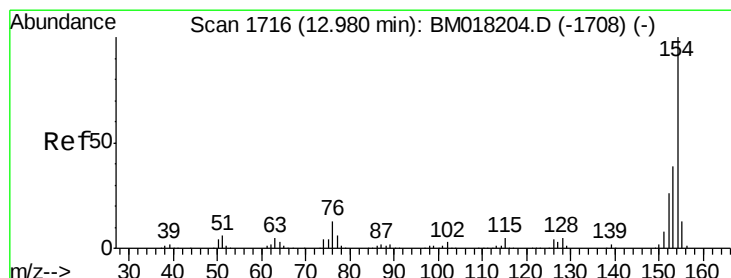
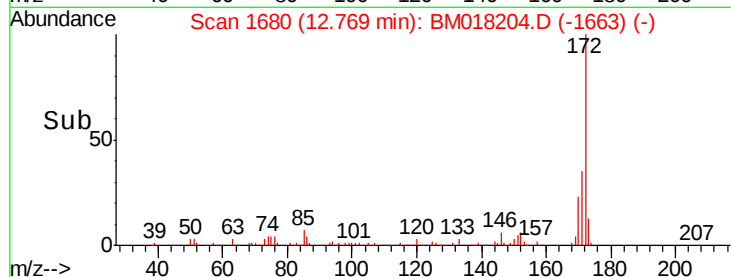
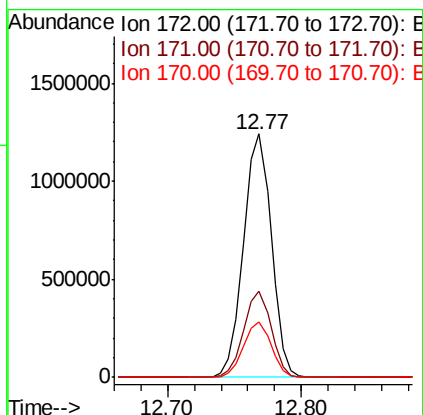
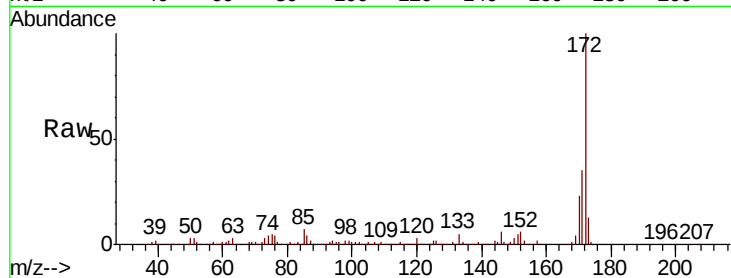
#45  
2-Fluorobiphenyl  
Concen: 77.392 ng  
RT: 12.77 min Scan# 1680  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.4  | 28.3  | 42.5  |
| 170     | 22.6  | 18.1  | 27.1  |

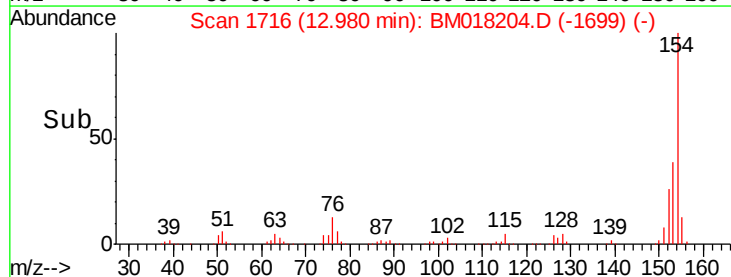
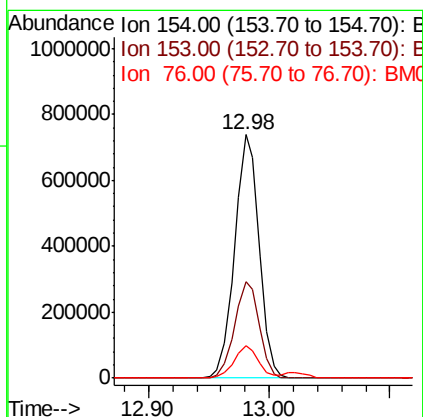
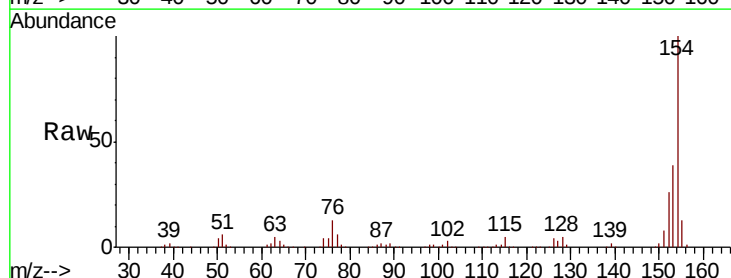
Manual Integrations  
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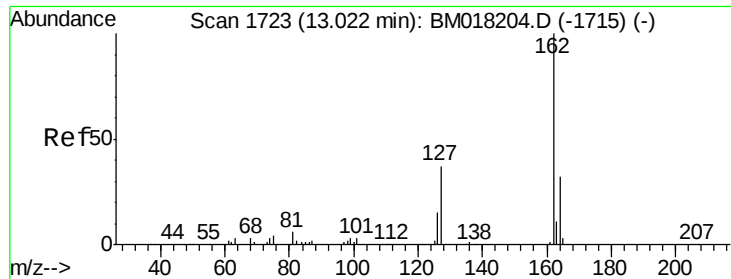
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#46  
1,1'-Biphenyl  
Concen: 38.695 ng  
RT: 12.98 min Scan# 1716  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 39.5  | 19.5  | 59.5  |
| 76      | 13.1  | 0.0   | 33.1  |





#47

2-Chloronaphthalene

Concen: 38.353 ng

RT: 13.02 min Scan# 1723

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

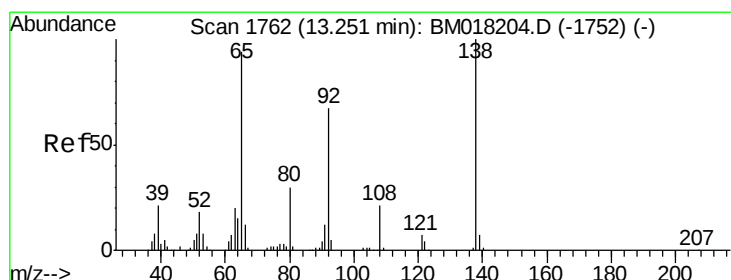
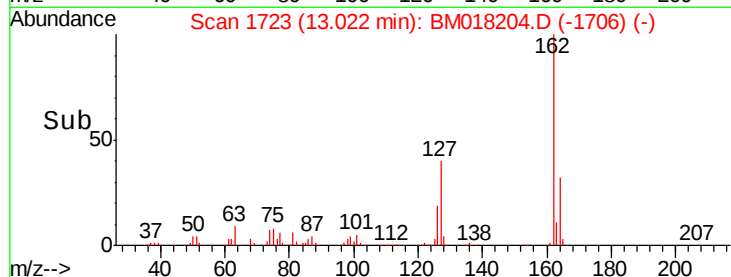
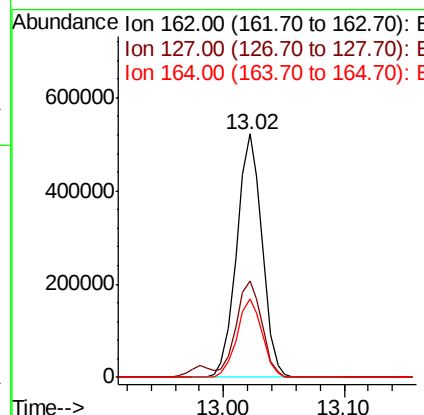
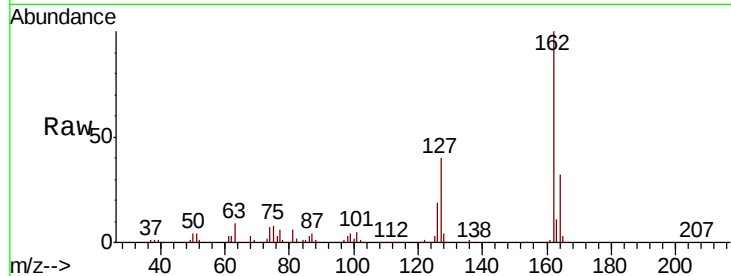
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 763374 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.8  | 31.8  | 47.8   |
| 164       | 32.4  | 25.9  | 38.9   |

Manual Integrations  
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#48

2-Nitroaniline

Concen: 38.970 ng

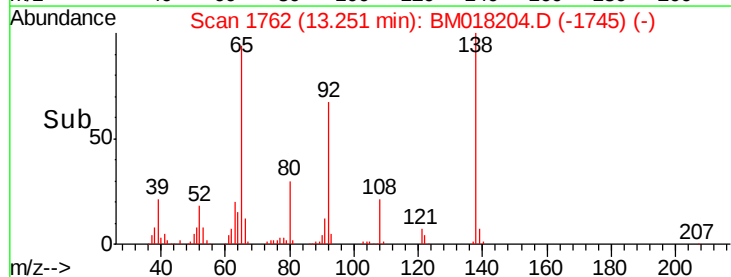
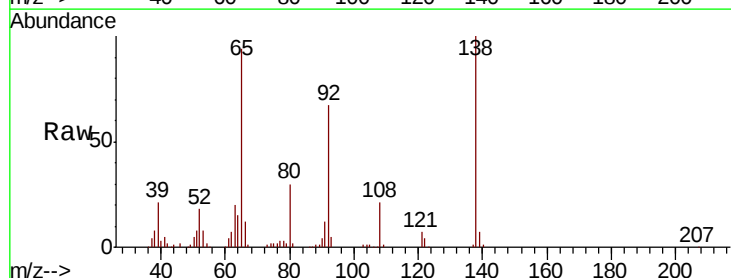
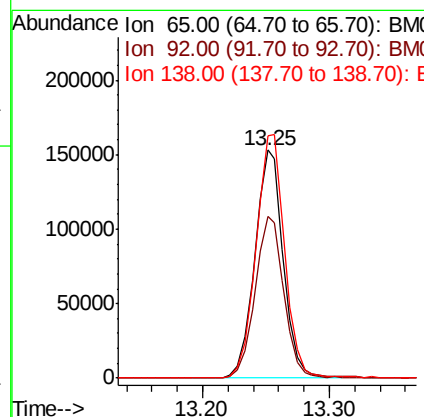
RT: 13.25 min Scan# 1762

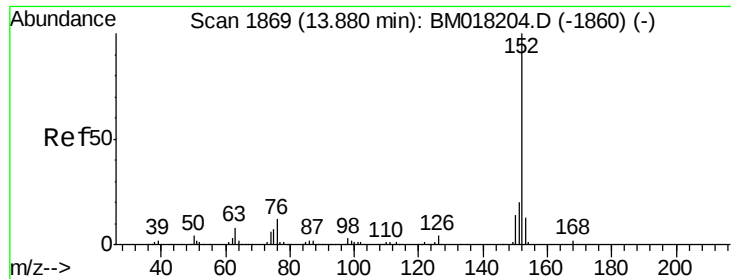
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 238543 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 71.0  | 56.8  | 85.2   |
| 138       | 106.4 | 85.1  | 127.7  |





#49

Acenaphthylene

Concen: 38.929 ng

RT: 13.88 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1166019

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

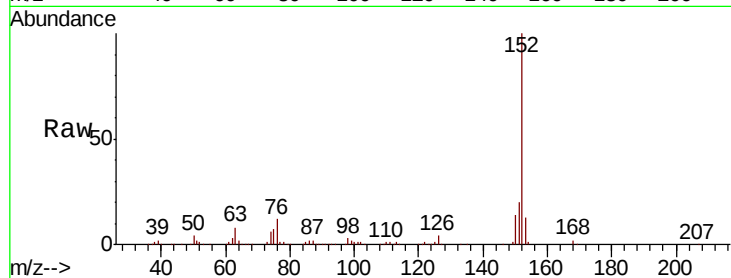
153 12.7 10.2 15.2

Manual Integrations

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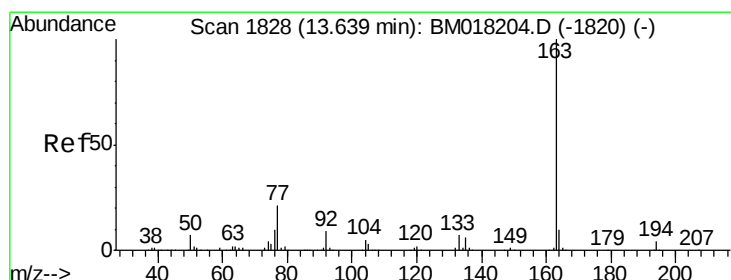
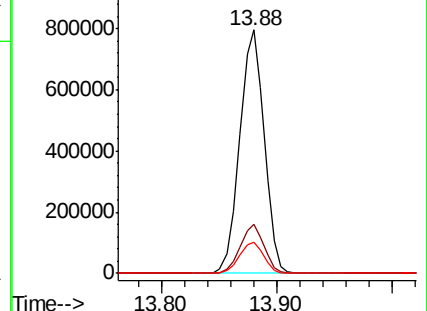
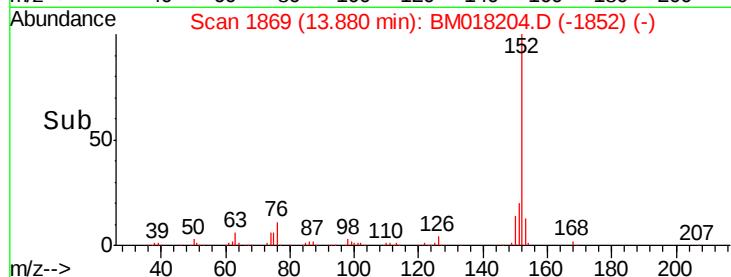
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.075 ng

RT: 13.64 min Scan# 1828

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

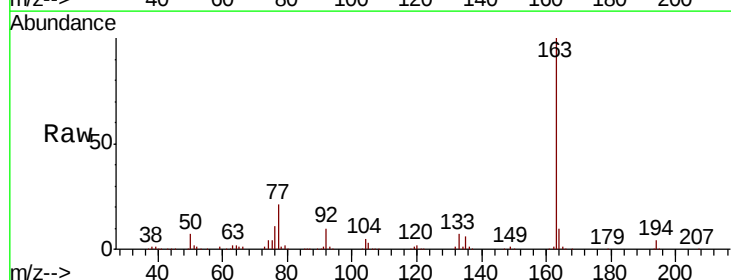
Tgt Ion:163 Resp: 952417

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

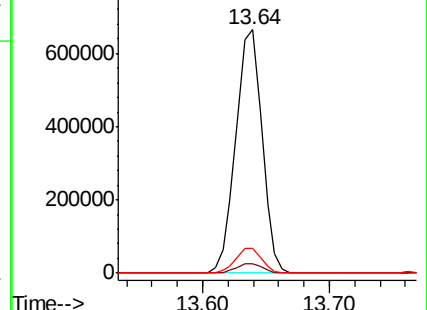
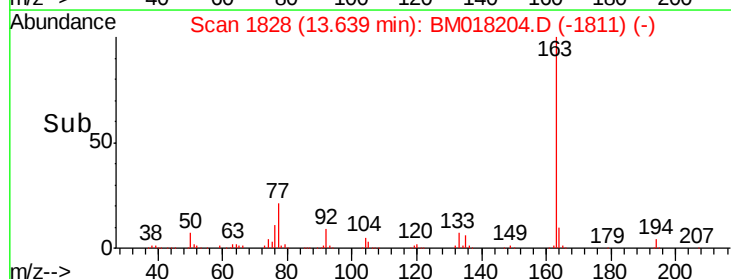
164 9.9 7.9 11.9

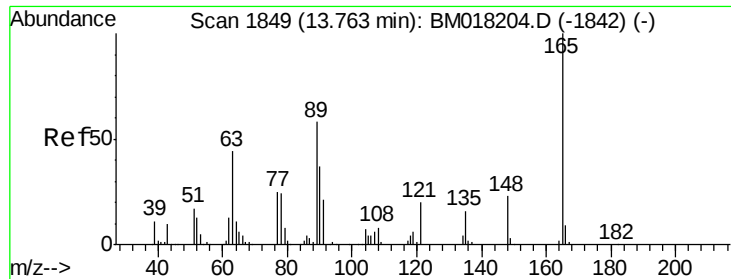


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





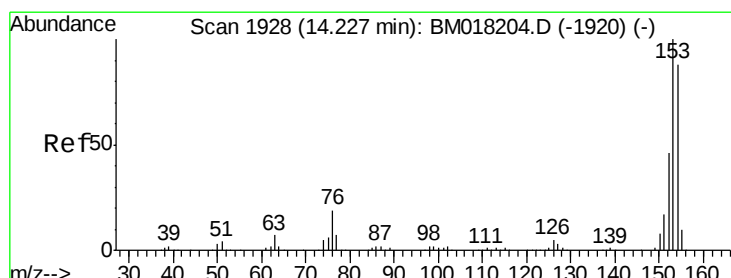
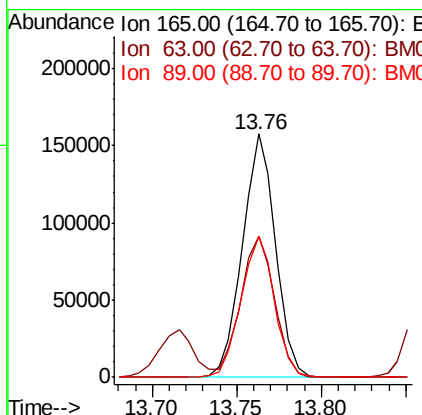
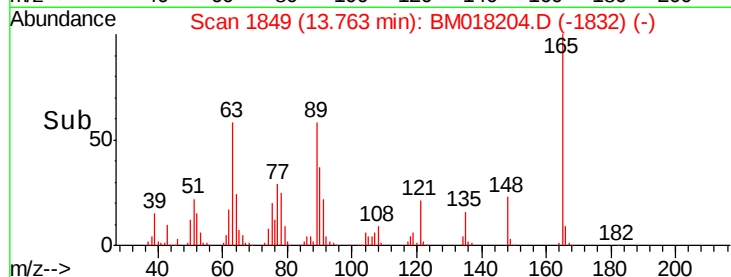
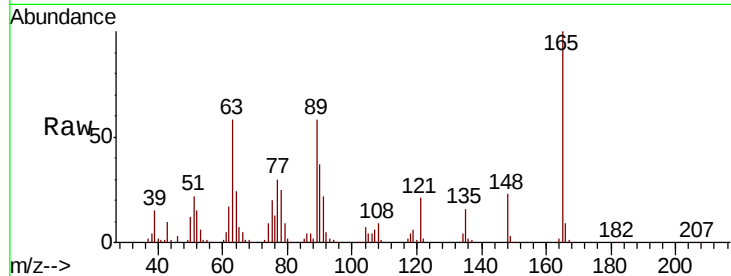
#51  
 2,6-Dinitrotoluene  
 Concen: 39.572 ng  
 RT: 13.76 min Scan# 1849  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 214522 |       |       |
| 63      | 58.2  | 46.6   | 69.8  |       |
| 89      | 57.9  | 46.3   | 69.5  |       |

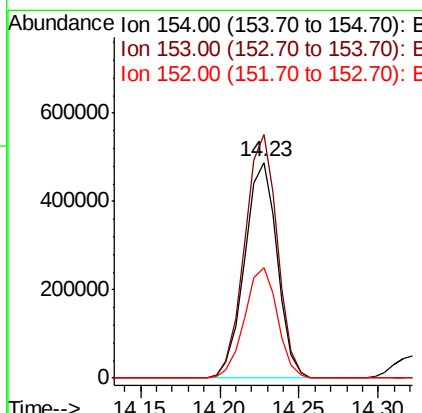
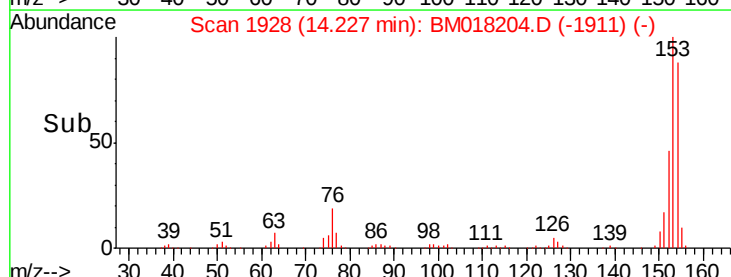
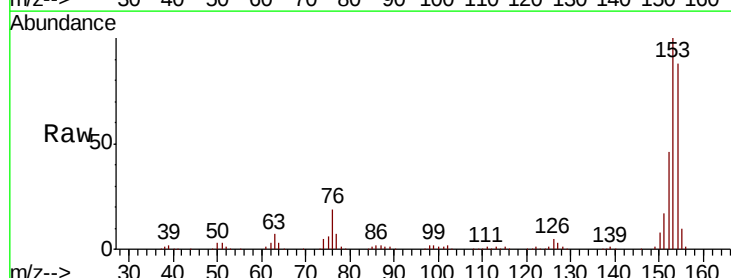
Manual Integrations  
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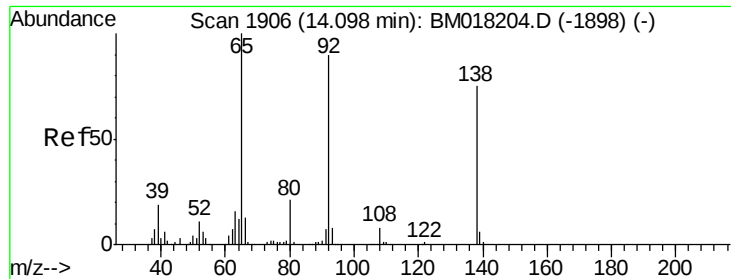
Sohil  
 12/17/2018 4:19:44 PM



#52  
 Acenaphthene  
 Concen: 37.980 ng  
 RT: 14.23 min Scan# 1928  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 696449 |       |       |
| 153     | 113.0 | 90.4   | 135.6 |       |
| 152     | 51.5  | 41.2   | 61.8  |       |





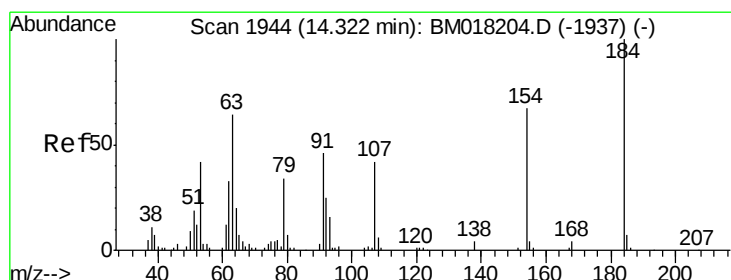
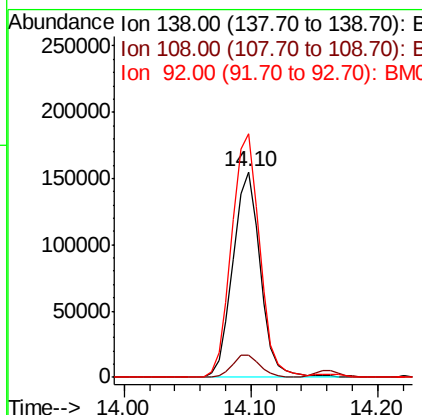
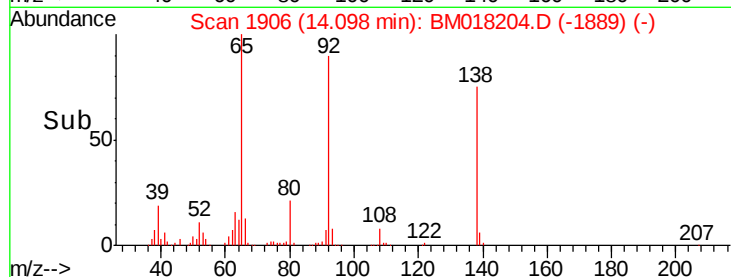
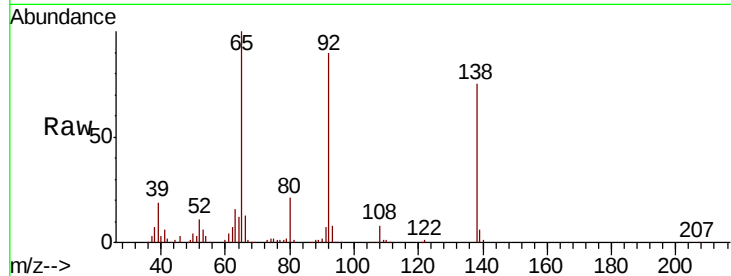
#53  
3-Nitroaniline  
Concen: 39.256 ng  
RT: 14.10 min Scan# 1906  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.5  | 8.4   | 12.6  |
| 92      | 118.6 | 94.9  | 142.3 |

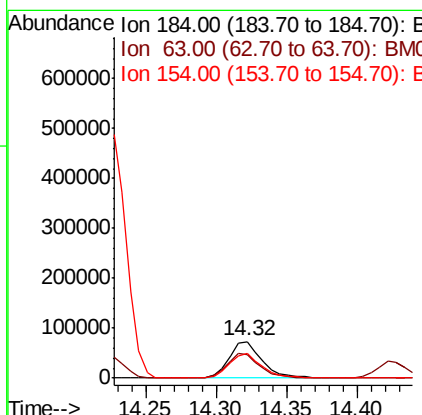
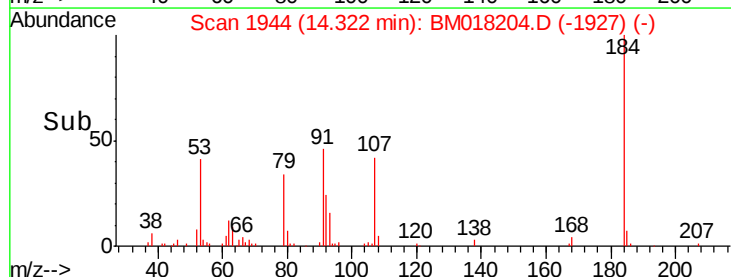
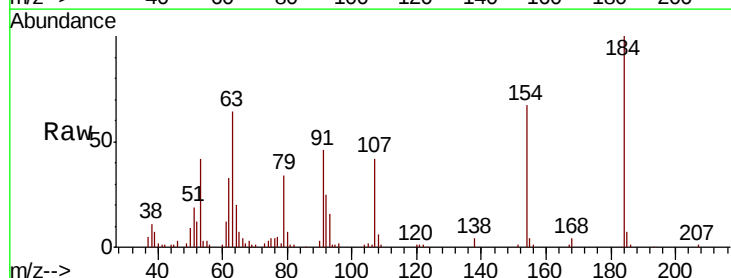
Manual Integrations  
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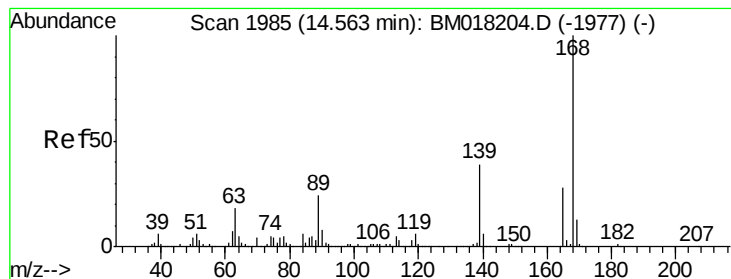
Sohil  
12/17/2018 4:19:44 PM



#54  
2,4-Dinitrophenol  
Concen: 42.377 ng  
RT: 14.32 min Scan# 1944  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 64.5  | 51.6  | 77.4  |
| 154     | 67.5  | 54.0  | 81.0  |





#55

Dibenzofuran

Concen: 37.871 ng

RT: 14.56 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tot Ion:168 Resp: 1135457

Ion Ratio Lower Upper

168 100

139 39.0 31.2 46.8

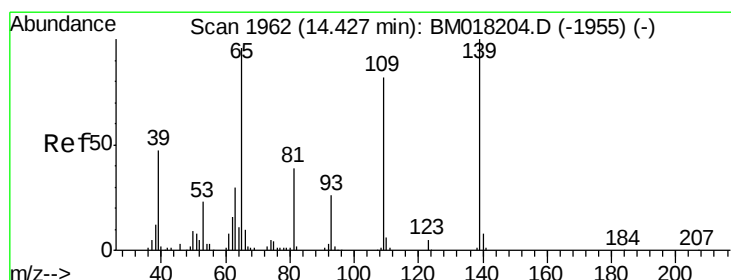
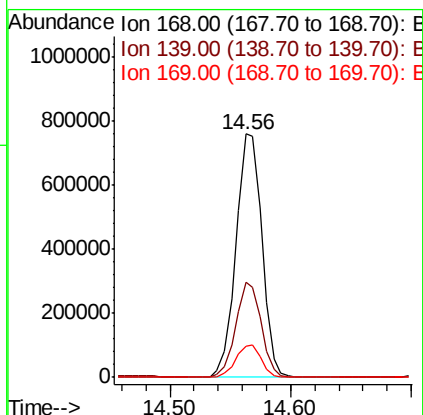
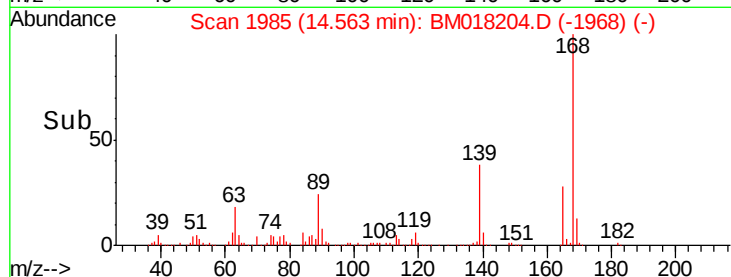
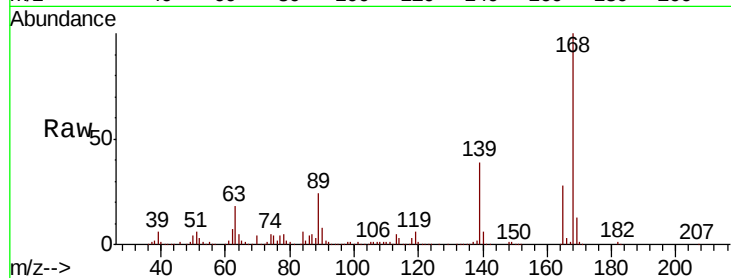
169 13.0 10.4 15.6

Manual Integrations

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#56

4-Nitrophenol

Concen: 39.066 ng

RT: 14.43 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

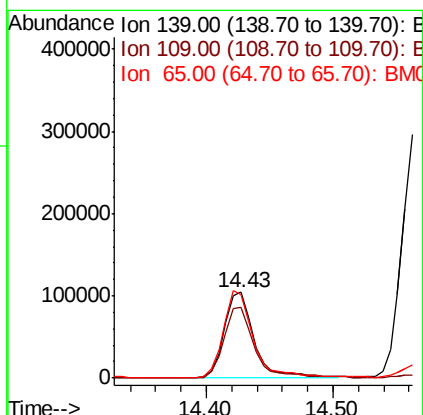
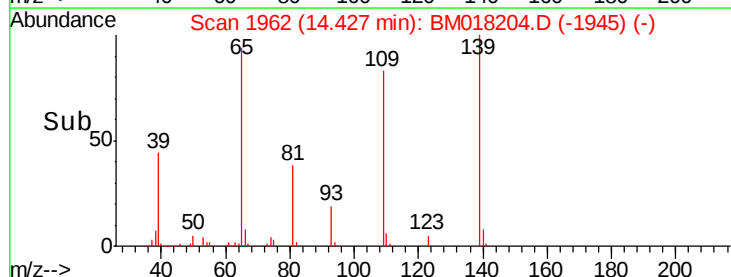
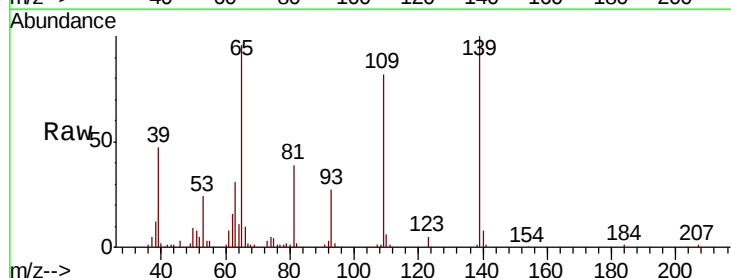
Tgt Ion:139 Resp: 171543

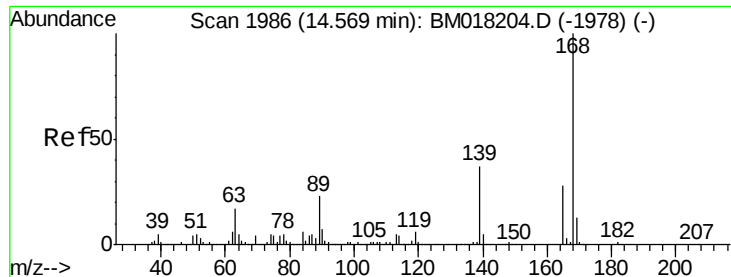
Ion Ratio Lower Upper

139 100

109 82.3 62.3 102.3

65 96.4 76.4 116.4





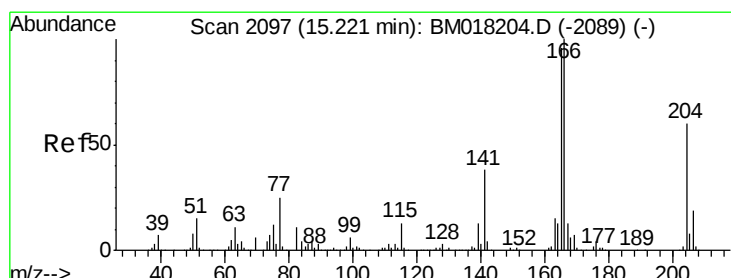
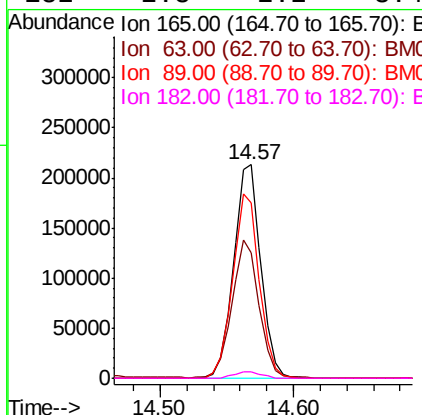
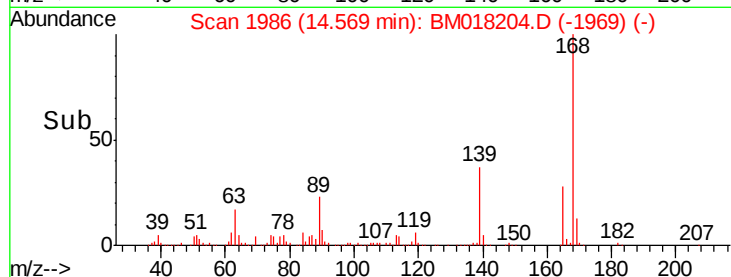
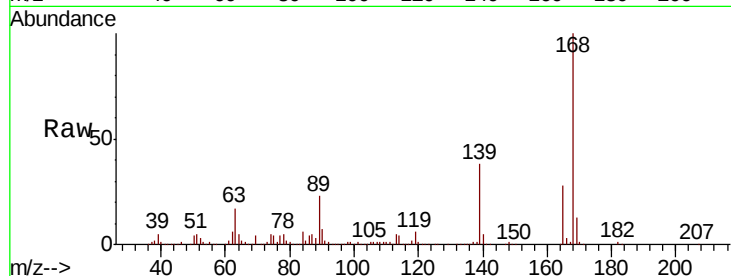
#57  
2,4-Dinitrotoluene  
Concen: 41.195 ng  
RT: 14.57 min Scan# 1986  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 59.0  | 47.2 | 70.8  |       |
| 89      | 82.3  | 65.8 | 98.8  |       |
| 182     | 2.8   | 2.2  | 3.4   |       |

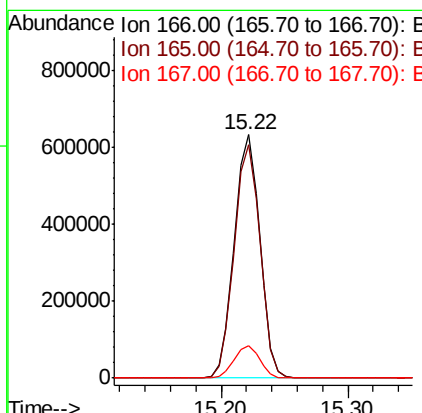
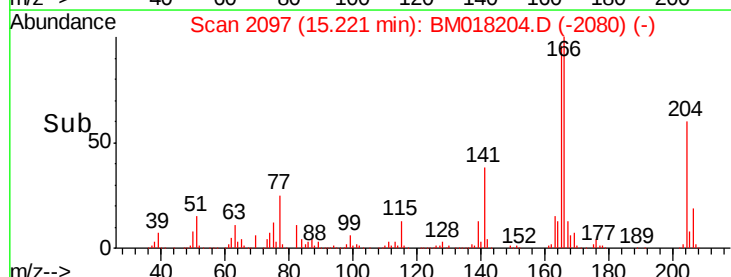
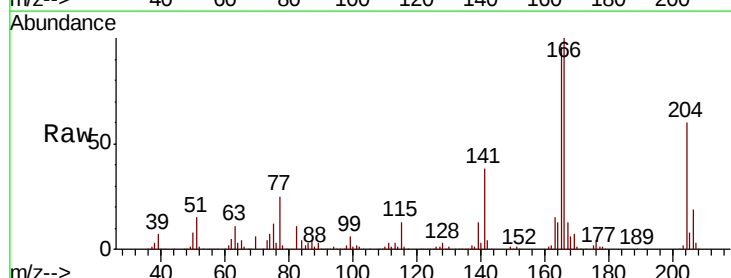
Manual Integrations  
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#58  
Fluorene  
Concen: 38.287 ng  
RT: 15.22 min Scan# 2097  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 96.1  | 76.9 | 115.3 |       |
| 167     | 13.1  | 10.5 | 15.7  |       |





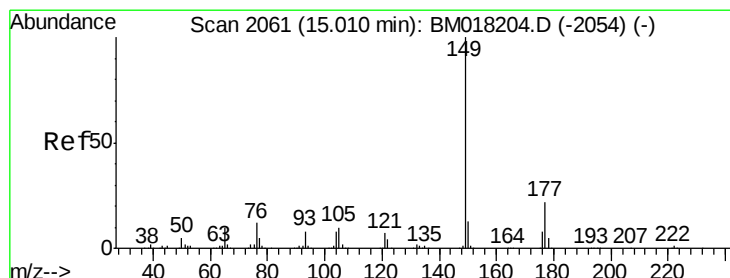
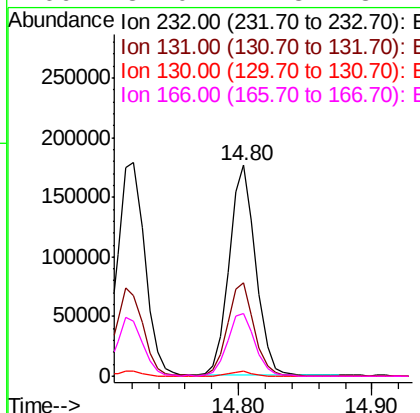
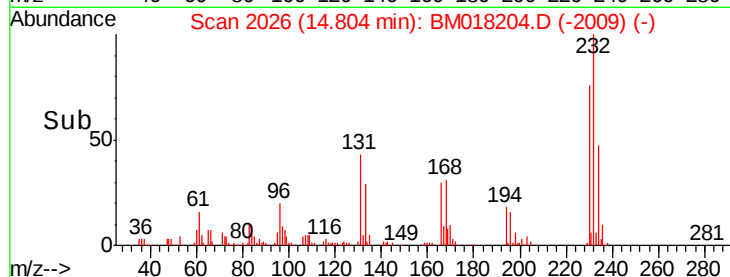
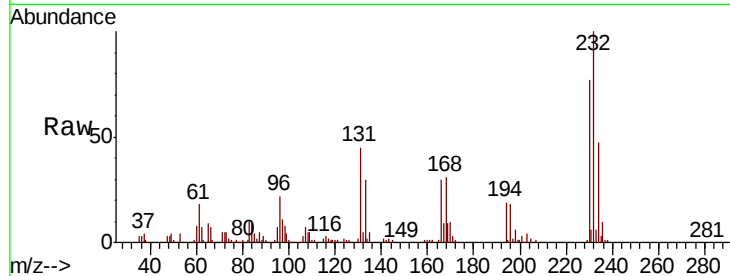
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.554 ng  
 RT: 14.80 min Scan# 2026  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.2  | 36.2  | 54.2  |
| 130     | 2.2   | 1.8   | 2.6   |
| 166     | 31.0  | 24.8  | 37.2  |

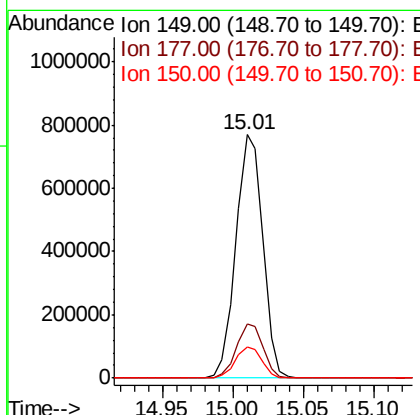
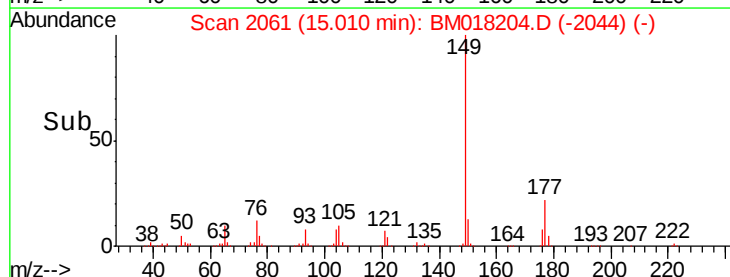
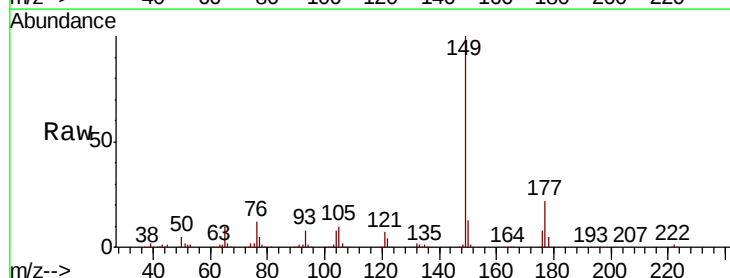
Manual Integrations  
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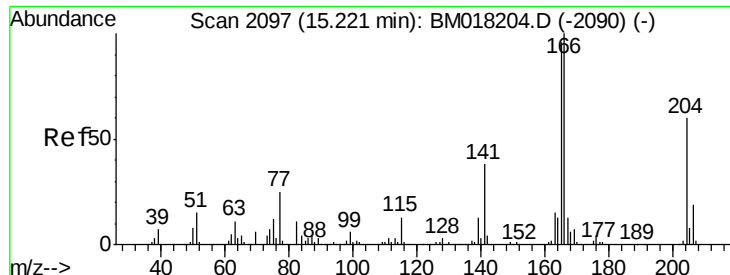
Sohil  
 12/17/2018 4:19:44 PM



#60  
 Diethylphthalate  
 Concen: 38.629 ng  
 RT: 15.01 min Scan# 2061  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.3  | 17.8  | 26.8  |
| 150     | 12.9  | 10.3  | 15.5  |





#61

4-Chlorophenyl-phenylether

Concen: 37.857 ng

RT: 15.22 min Scan# 2097

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tot Ion:204 Resp: 492903

Ion Ratio Lower Upper

204 100

206 32.2 25.8 38.6

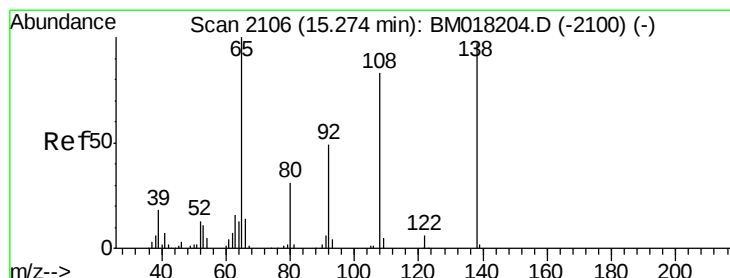
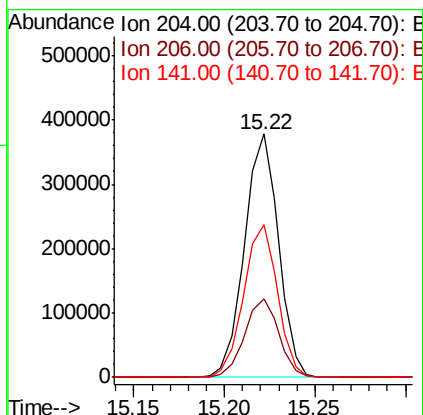
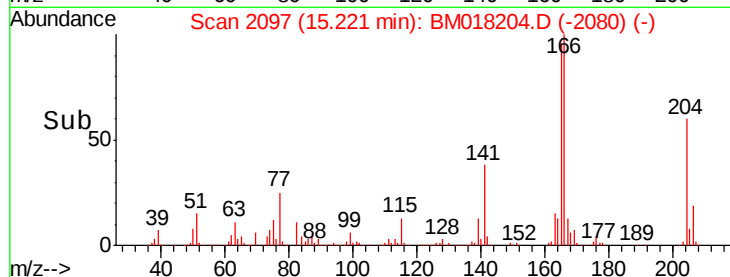
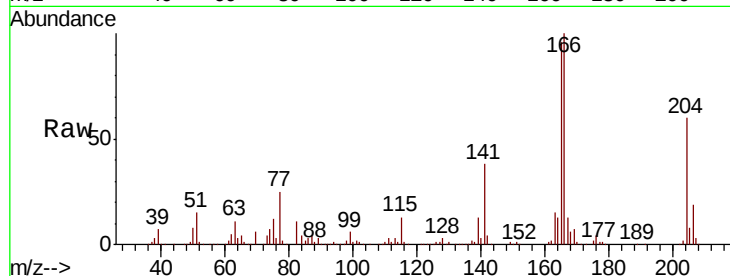
141 62.8 50.2 75.4

Manual Integrations

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#62

4-Nitroaniline

Concen: 39.909 ng

RT: 15.27 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

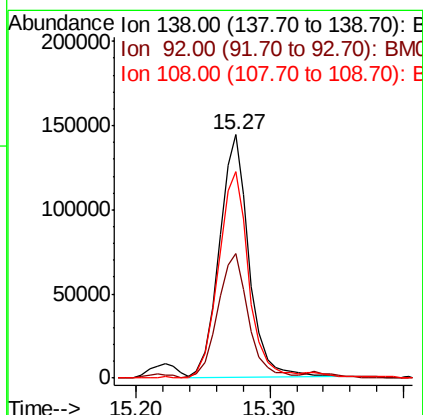
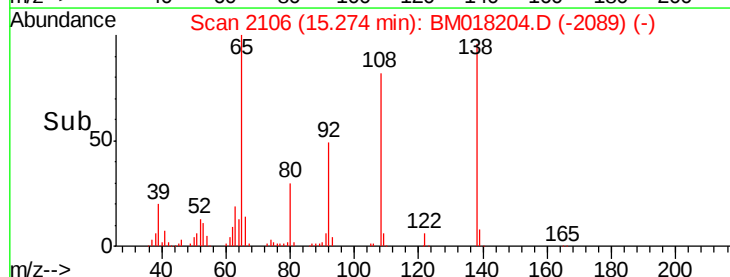
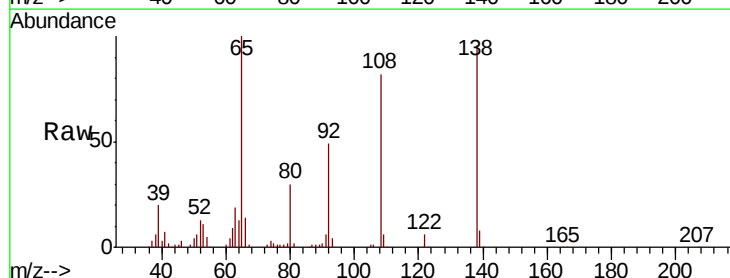
Tgt Ion:138 Resp: 222249

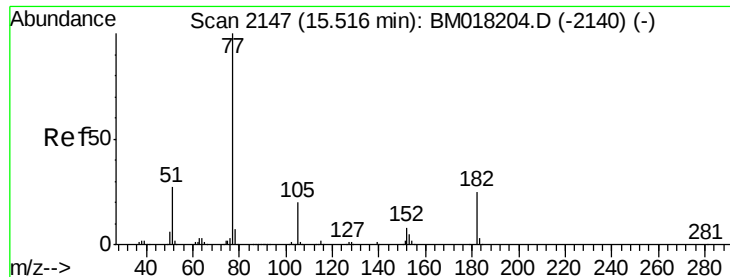
Ion Ratio Lower Upper

138 100

92 51.1 31.1 71.1

108 85.0 65.0 105.0





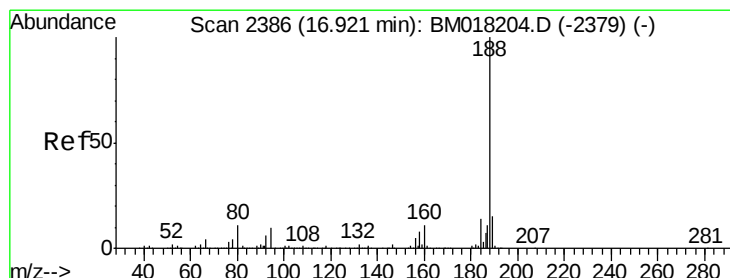
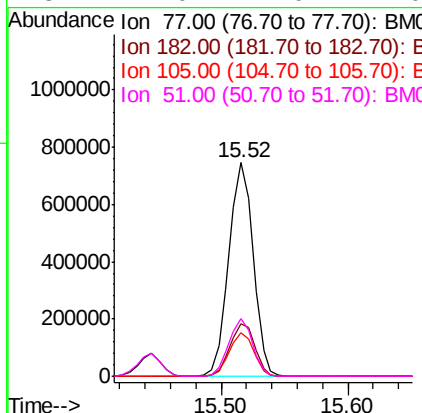
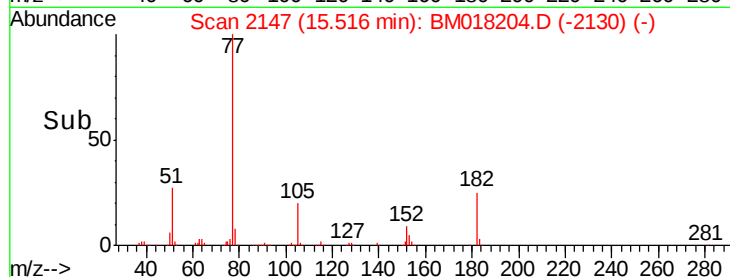
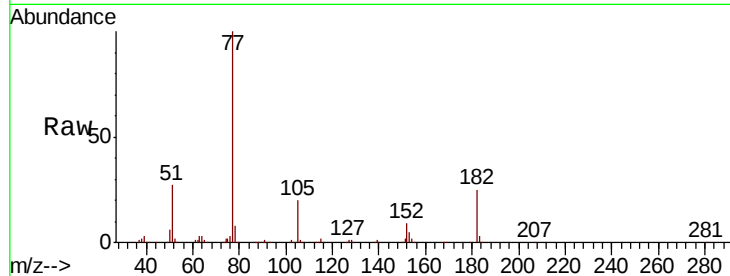
#63  
Azobenzene  
Concen: 40.458 ng  
RT: 15.52 min Scan# 2147  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.6  | 4.6   | 44.6  |
| 105     | 20.2  | 0.2   | 40.2  |
| 51      | 27.0  | 7.0   | 47.0  |

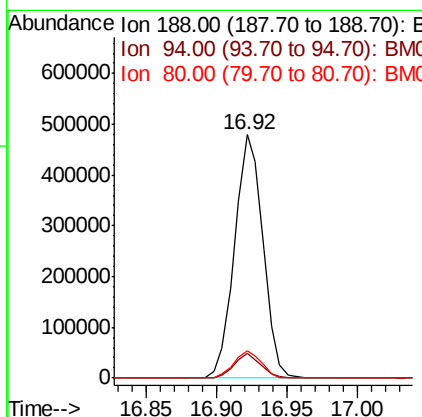
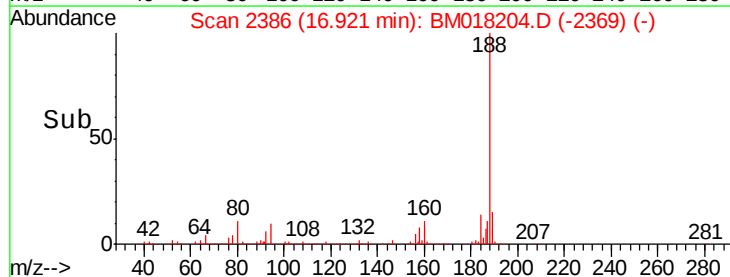
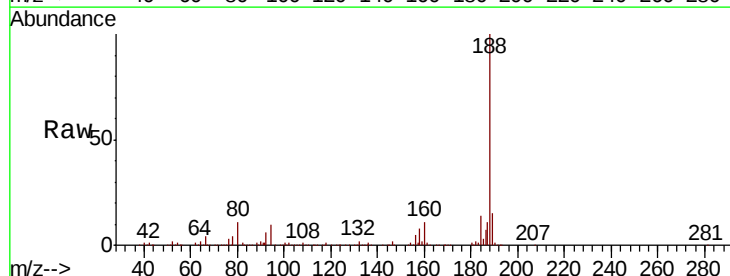
Manual Integrations  
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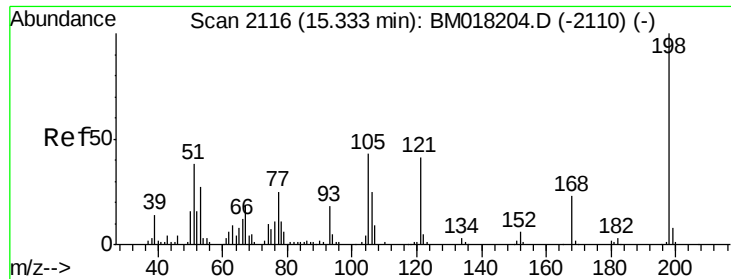
Sohil  
12/17/2018 4:19:44 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.92 min Scan# 2386  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 10.0  | 8.0   | 12.0  |
| 80      | 11.3  | 9.0   | 13.6  |





#65

4,6-Dinitro-2-methylphenol

Concen: 40.739 ng

RT: 15.33 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tot Ion:198 Resp: 188498

Ion Ratio Lower Upper

198 100

51 38.6 18.6 58.6

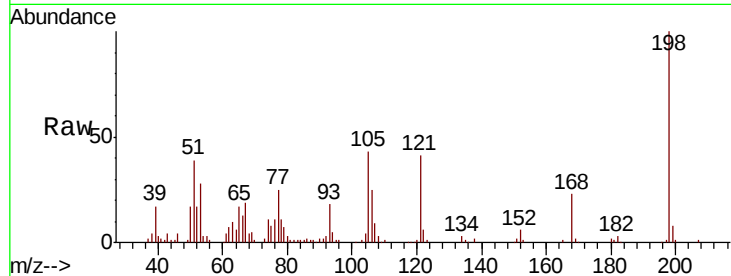
105 42.9 22.9 62.9

Manual Integrations

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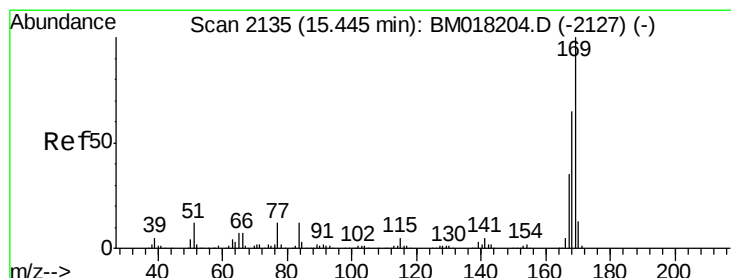
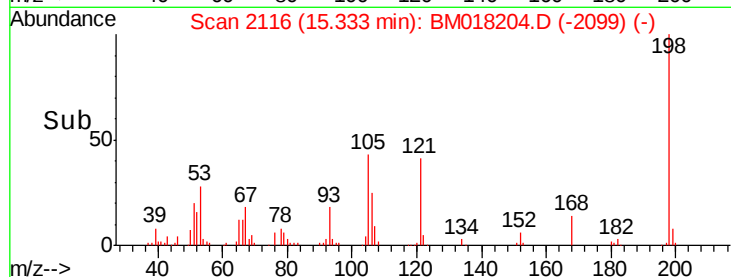
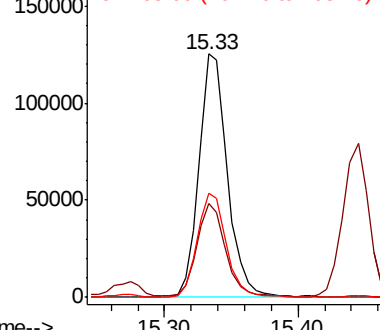
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.276 ng

RT: 15.45 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

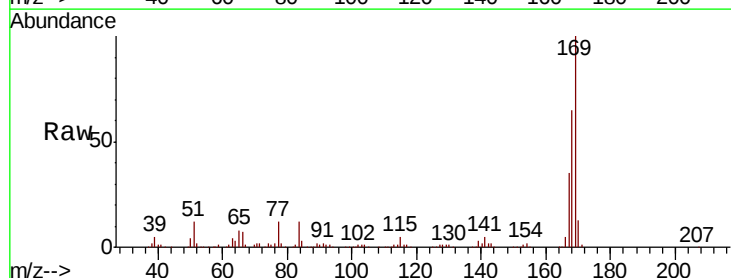
Tgt Ion:169 Resp: 865630

Ion Ratio Lower Upper

169 100

168 65.3 52.2 78.4

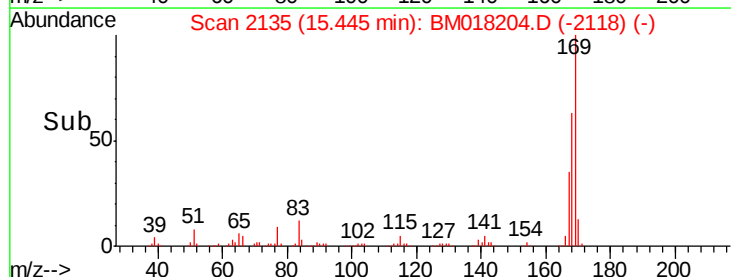
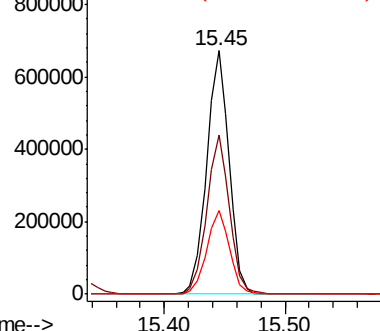
167 34.5 27.6 41.4



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





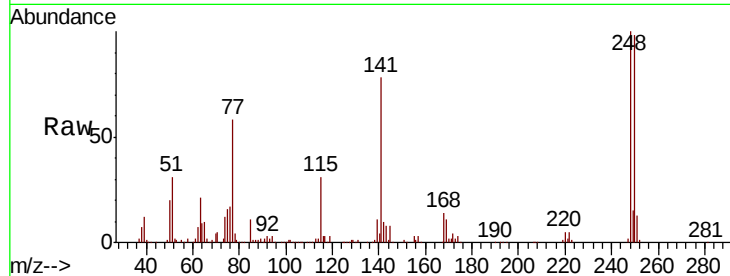
#67  
4-Bromophenyl-phenylether  
Concen: 39.386 ng  
RT: 16.12 min Scan# 2249  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 78.7  | 118.1 |
| 141     | 77.8  | 62.2  | 93.4  |

Manual Integrations  
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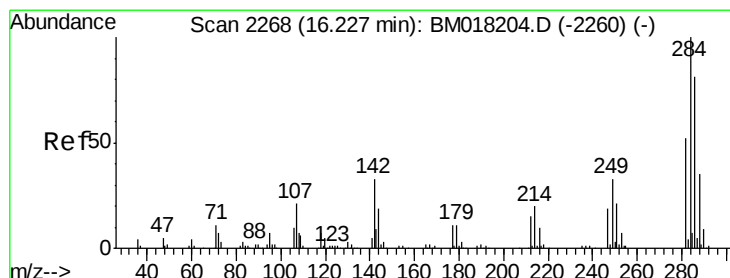
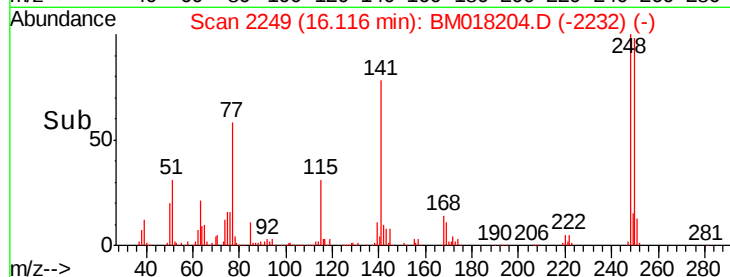
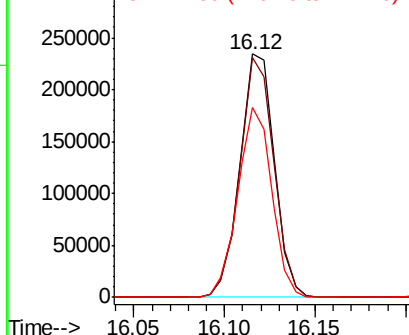


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 38.356 ng  
RT: 16.23 min Scan# 2268  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

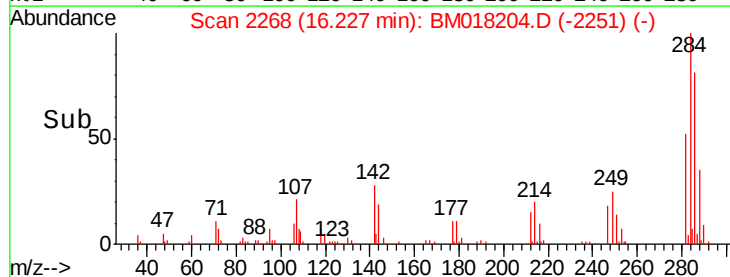
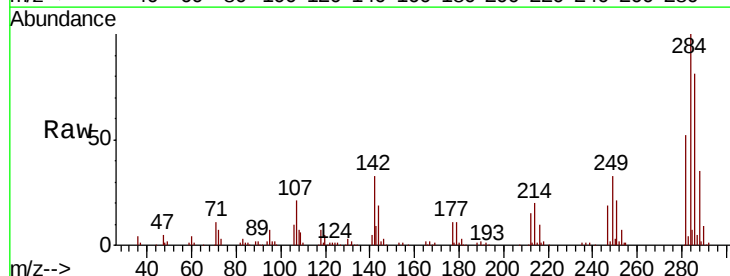
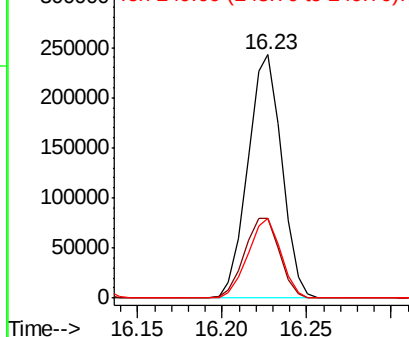
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.8  | 26.2  | 39.4  |
| 249     | 32.7  | 26.2  | 39.2  |

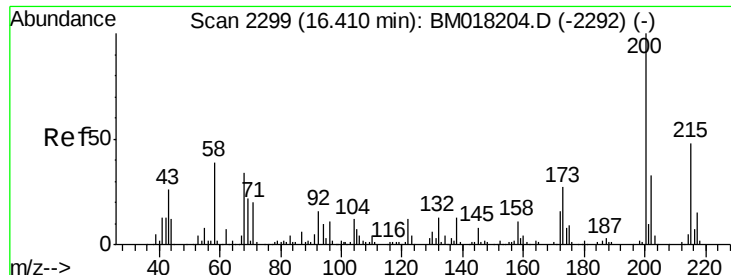
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





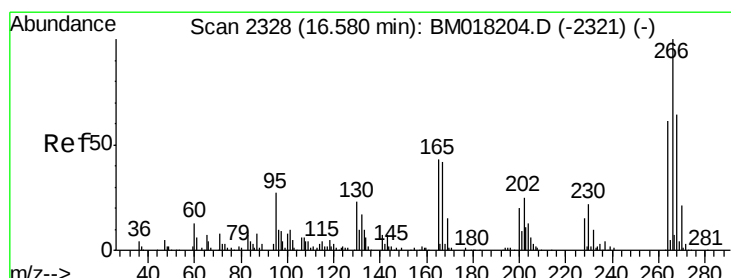
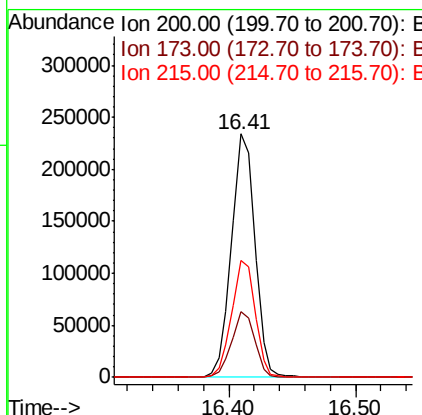
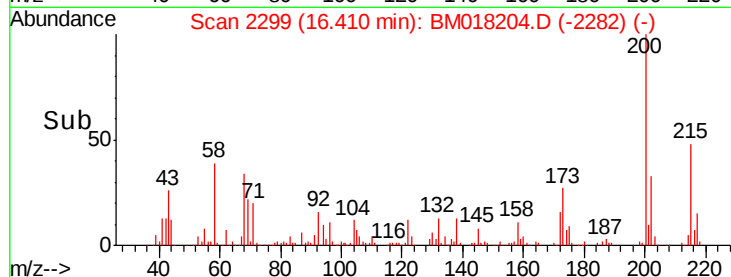
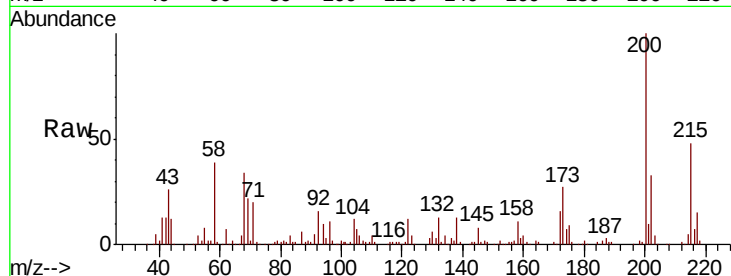
#69  
 Atrazine  
 Concen: 38.395 ng  
 RT: 16.41 min Scan# 2299  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.9  | 6.9   | 46.9  |
| 215     | 47.9  | 27.9  | 67.9  |

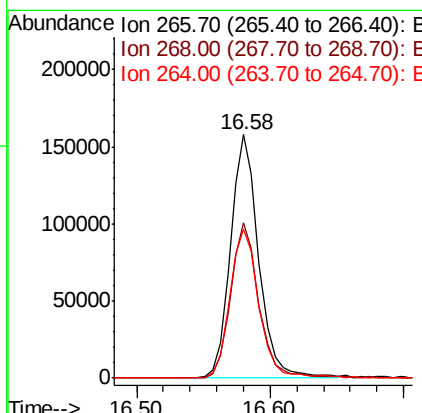
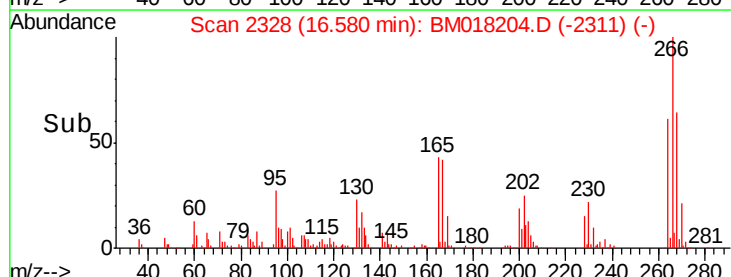
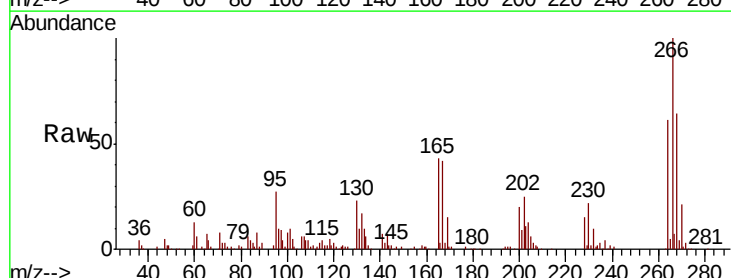
Manual Integrations  
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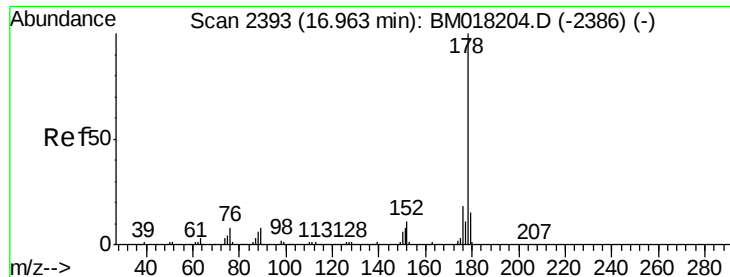
Sohil  
 12/17/2018 4:19:44 PM



#70  
 Pentachlorophenol  
 Concen: 37.687 ng  
 RT: 16.58 min Scan# 2328  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.9  | 51.1  | 76.7  |
| 264     | 61.2  | 49.0  | 73.4  |





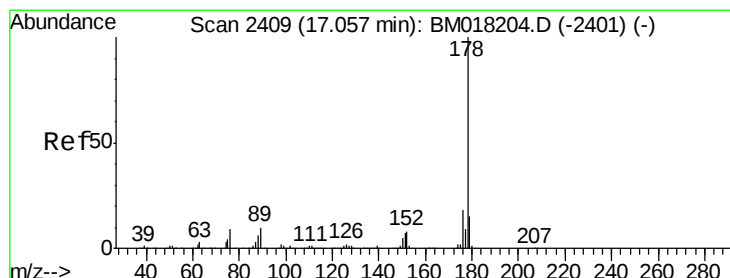
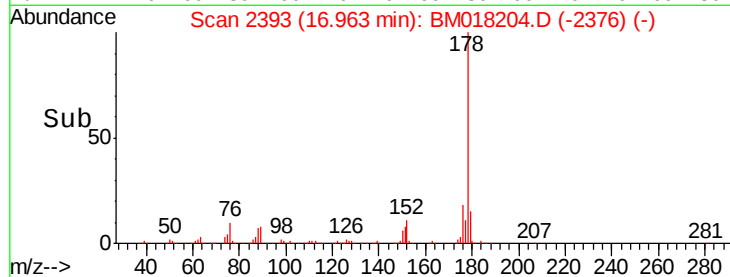
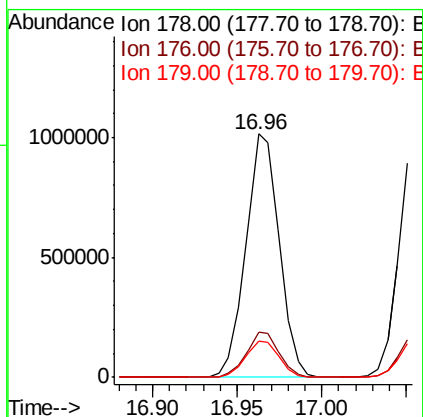
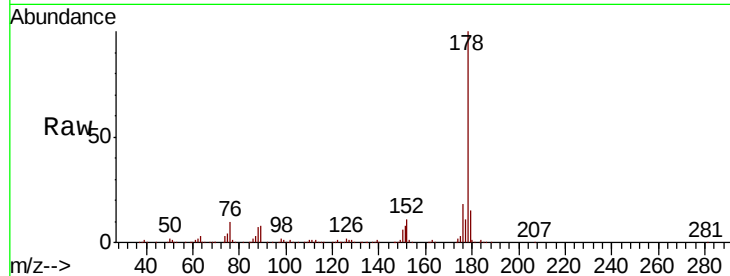
#71  
Phenanthrene  
Concen: 38.714 ng  
RT: 16.96 min Scan# 2393  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 14.7  | 22.1  |
| 179     | 15.0  | 12.0  | 18.0  |

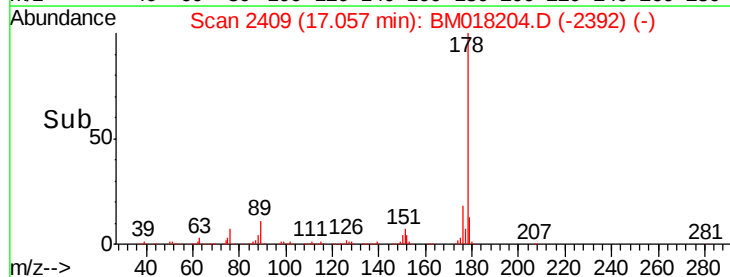
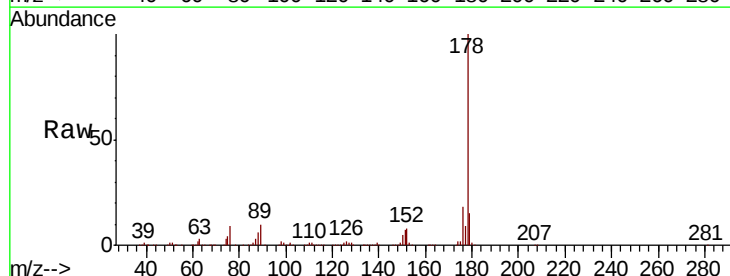
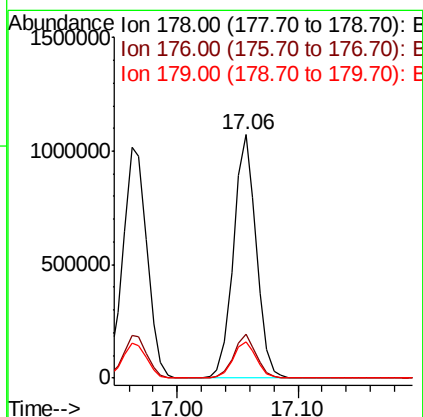
Manual Integrations  
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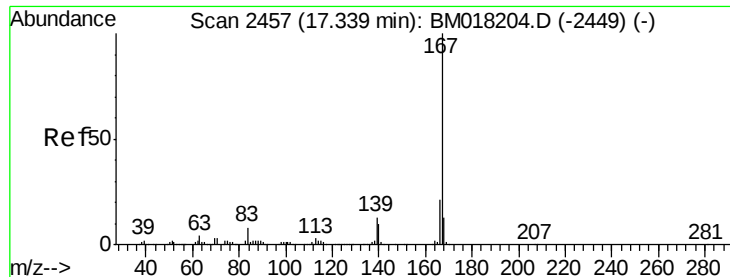
Sohil  
12/17/2018 4:19:44 PM



#72  
Anthracene  
Concen: 39.763 ng  
RT: 17.06 min Scan# 2409  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.9  | 14.3  | 21.5  |
| 179     | 15.0  | 12.0  | 18.0  |





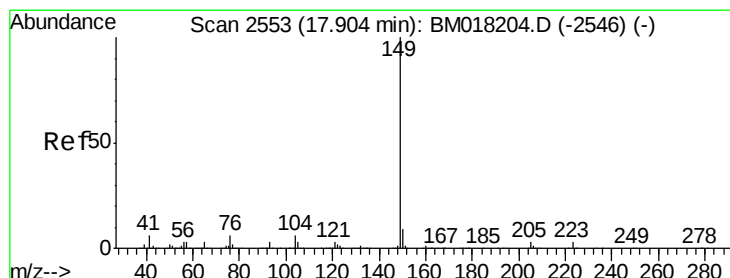
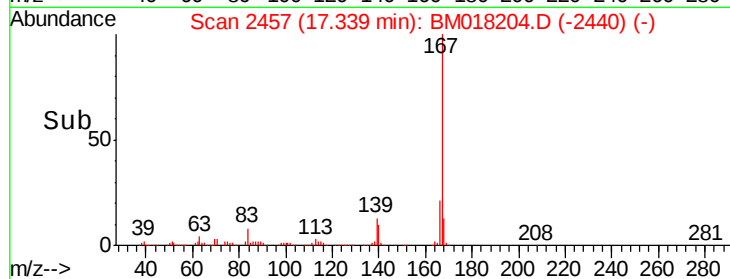
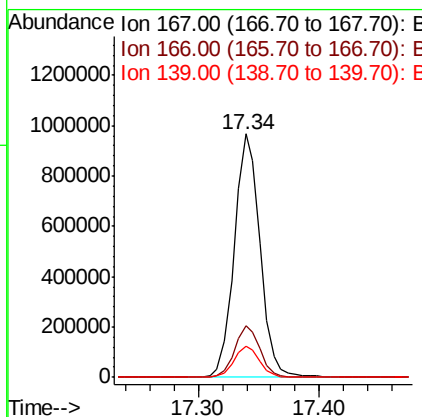
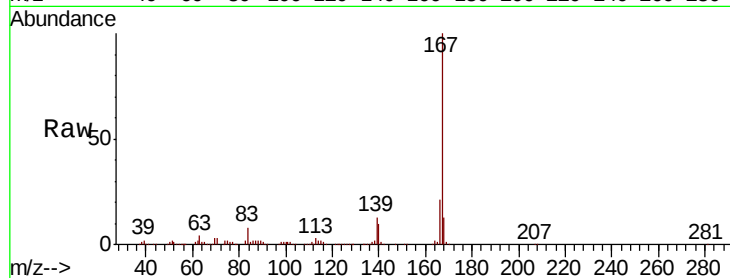
#73  
 Carbazole  
 Concen: 40.360 ng  
 RT: 17.34 min Scan# 2457  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.0  | 16.8  | 25.2  |
| 139     | 12.9  | 10.3  | 15.5  |

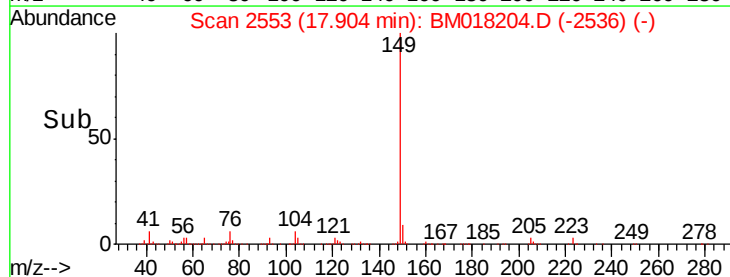
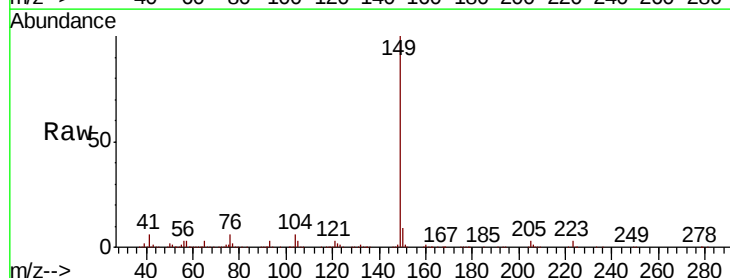
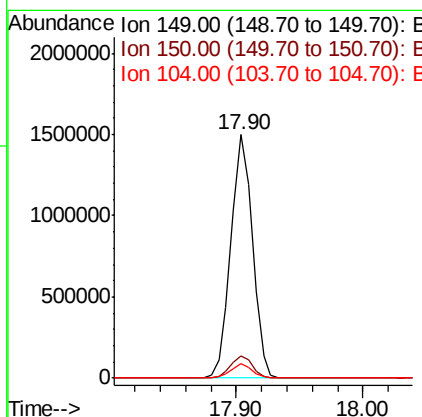
Manual Integrations  
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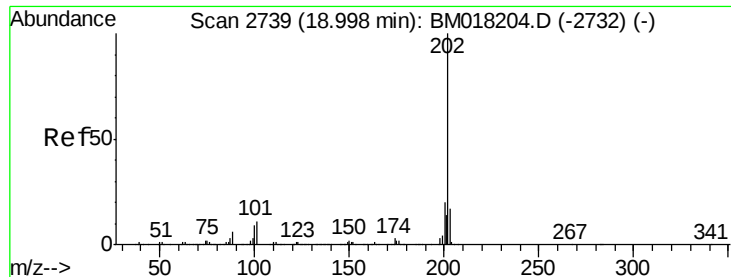
Sohil  
 12/17/2018 4:19:44 PM



#74  
 Di-n-butylphthalate  
 Concen: 44.019 ng  
 RT: 17.90 min Scan# 2553  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.3   | 10.9  |
| 104     | 6.0   | 4.8   | 7.2   |





#75

Fluoranthene

Concen: 39.772 ng

RT: 19.00 min Scan# 2739

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

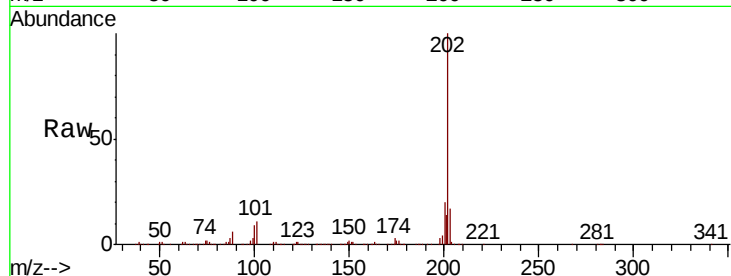
ClientSampleId :

SSTDICCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 202   | Resp: | 1628389 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.5  | 0.0   | 30.5    |
| 203      | 17.5  | 0.0   | 37.5    |

Manual Integrations  
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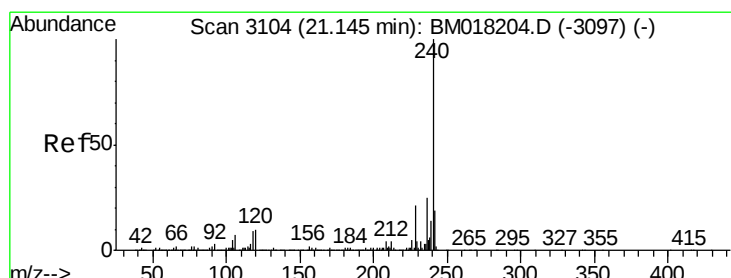
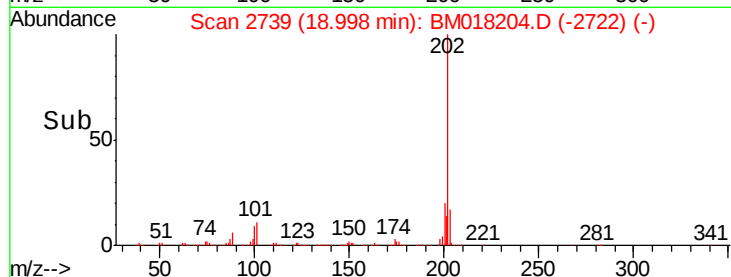
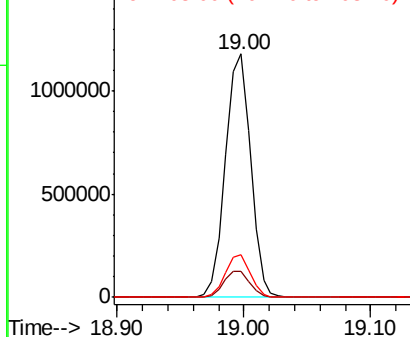


Abundance

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: 21.14 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

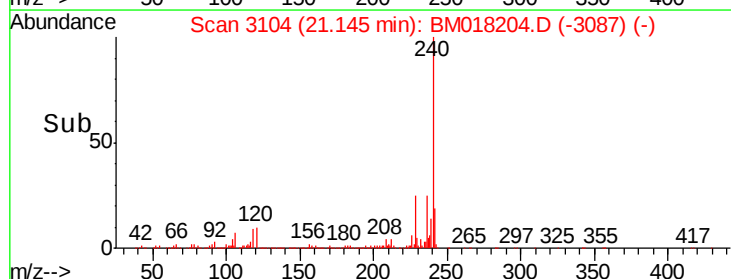
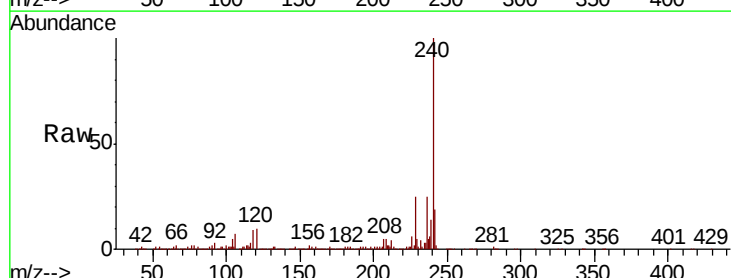
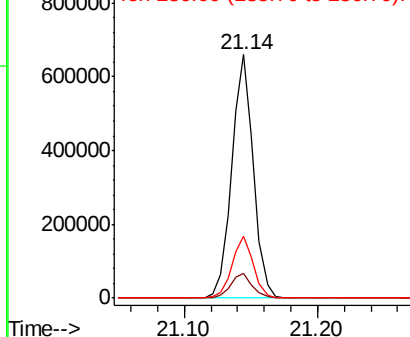
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 746965 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 10.2  | 8.2   | 12.2   |
| 236      | 25.4  | 20.3  | 30.5   |

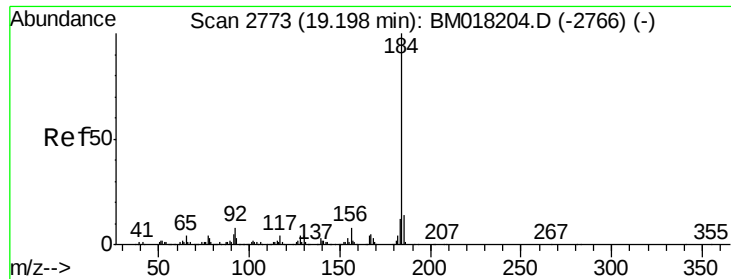
Abundance

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: 33.650 ng

RT: 19.20 min Scan# 2773

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

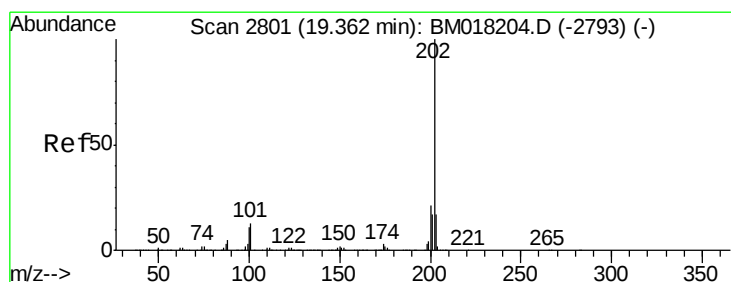
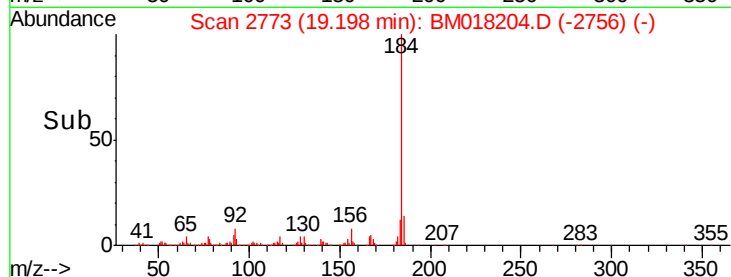
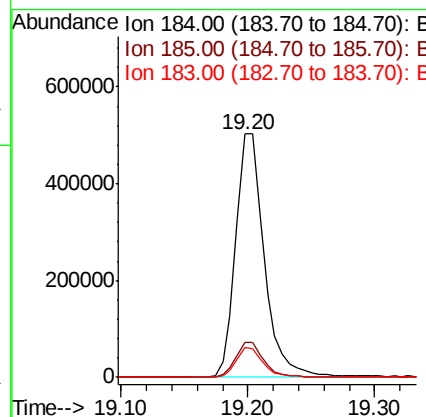
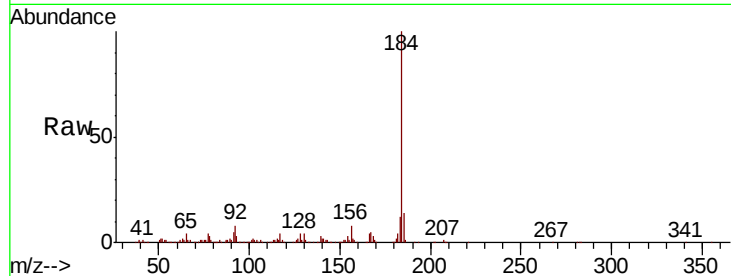
ClientSampleId :

SSTDICCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 783786 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.3  | 11.4  | 17.2   |
| 183       | 12.1  | 9.7   | 14.5   |

Manual Integrations  
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#78

Pyrene

Concen: 37.540 ng

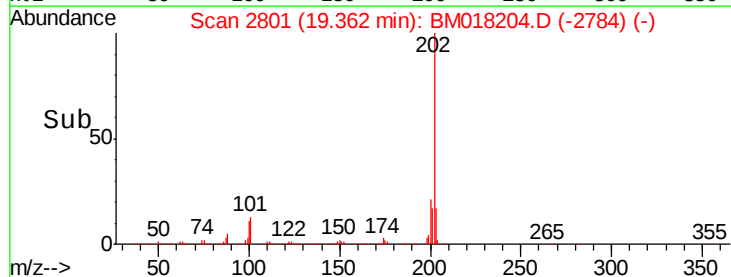
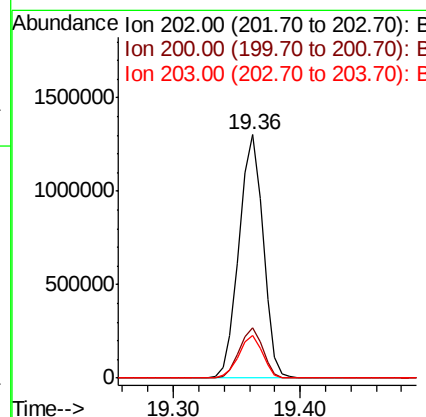
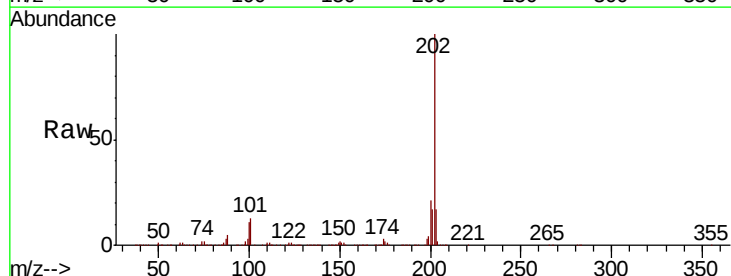
RT: 19.36 min Scan# 2801

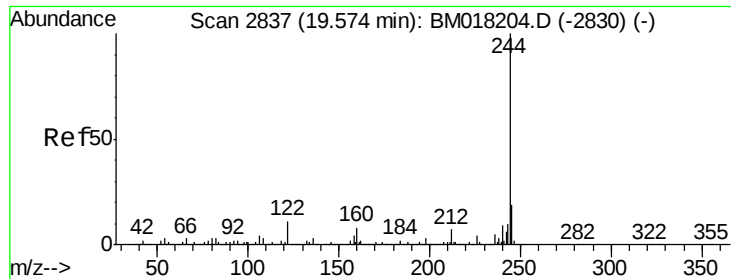
Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 202   | Resp: | 1710532 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 200       | 20.6  | 16.5  | 24.7    |
| 203       | 17.5  | 14.0  | 21.0    |





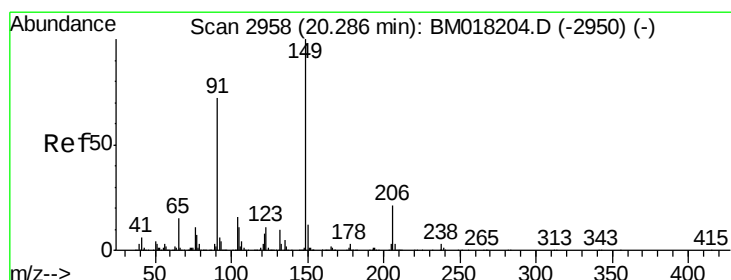
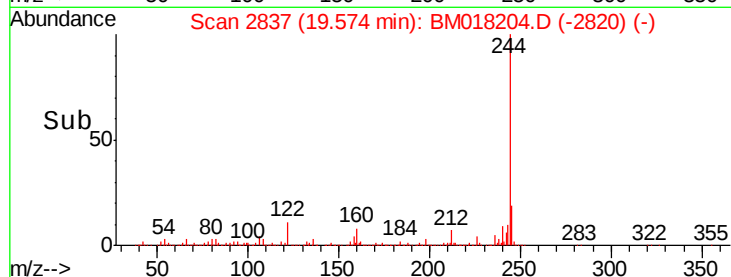
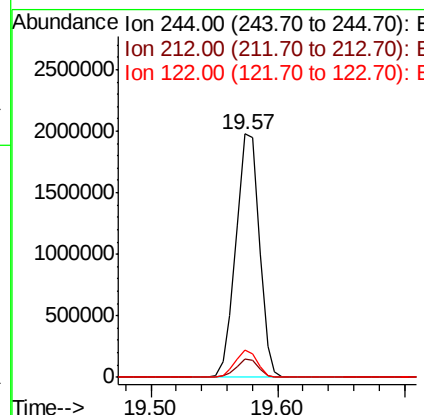
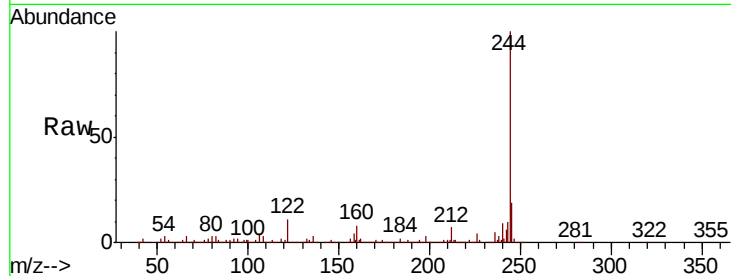
#79  
 Terphenyl-d14  
 Concen: 76.839 ng  
 RT: 19.57 min Scan# 2837  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.3   | 5.8   | 8.8   |
| 122     | 11.3  | 9.0   | 13.6  |

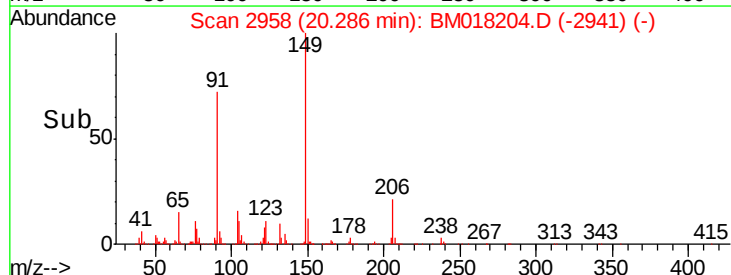
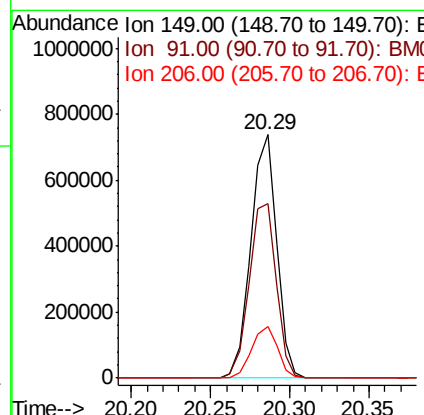
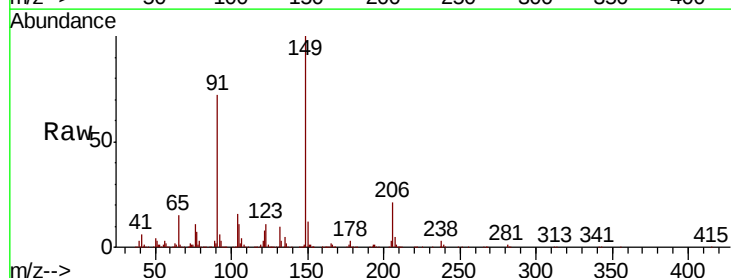
Manual Integrations  
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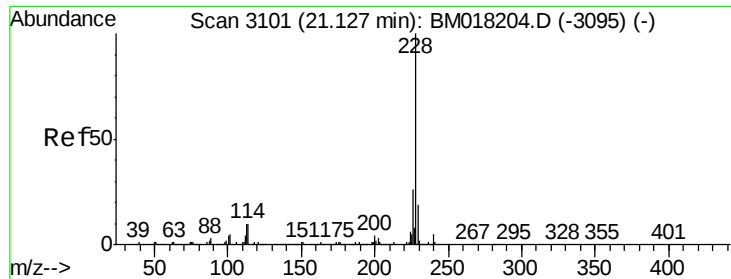
Sohil  
 12/17/2018 4:19:44 PM



#80  
 Butylbenzylphthalate  
 Concen: 44.179 ng  
 RT: 20.29 min Scan# 2958  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 71.8  | 57.4  | 86.2  |
| 206     | 21.2  | 17.0  | 25.4  |





#81

Benzo(a)anthracene

Concen: 39.503 ng

RT: 21.13 min Scan# 3101

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tot Ion:228 Resp: 1690472

Ion Ratio Lower Upper

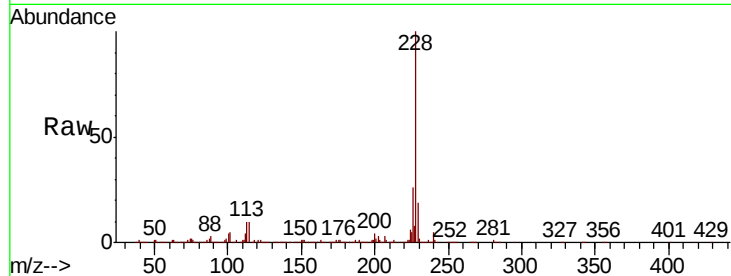
228 100

226 26.2 21.0 31.4

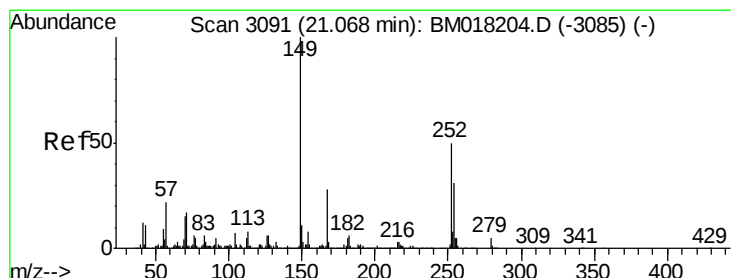
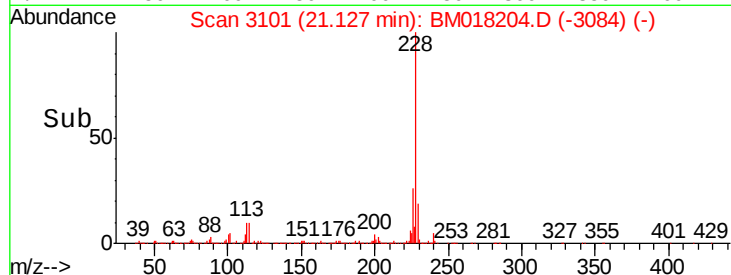
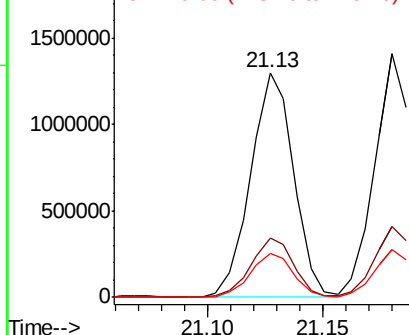
229 19.4 15.5 23.3

Manual Integrations  
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12/17/2018 4:19:44 PM



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 42.338 ng

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

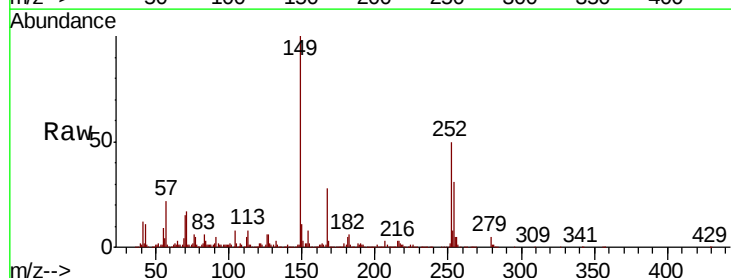
Tgt Ion:252 Resp: 701973

Ion Ratio Lower Upper

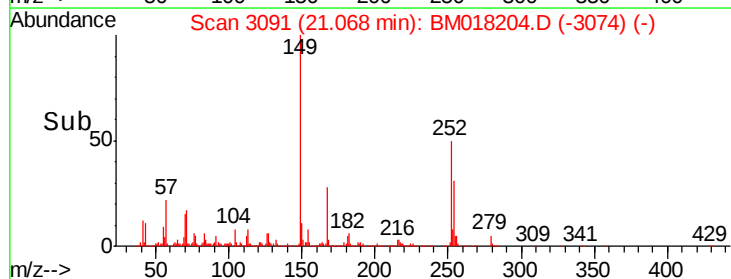
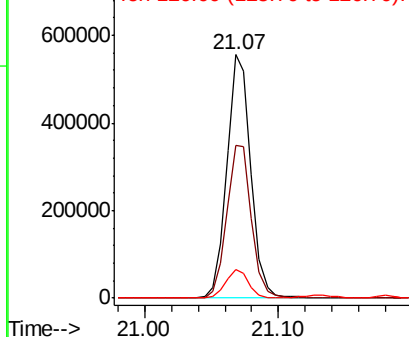
252 100

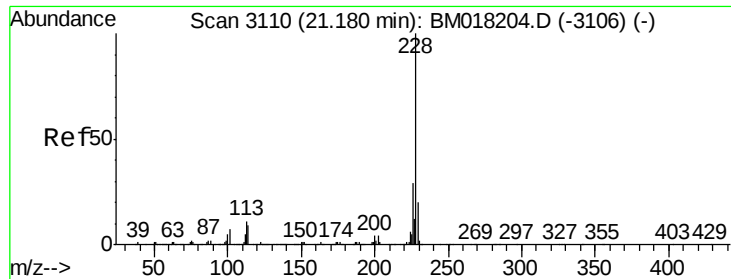
254 63.0 50.4 75.6

126 11.7 9.4 14.0



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





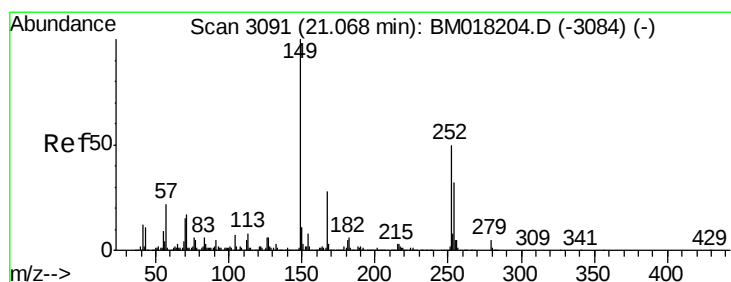
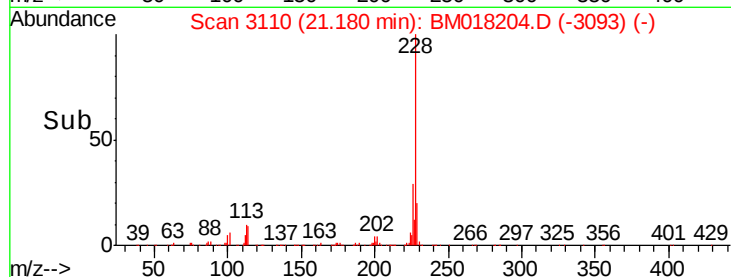
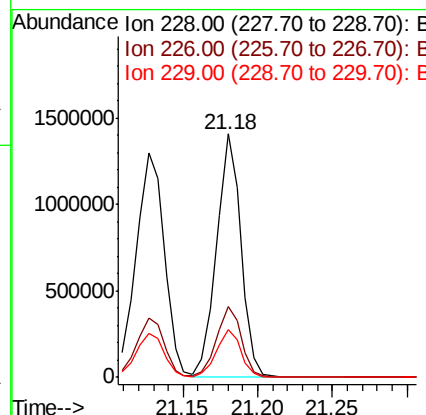
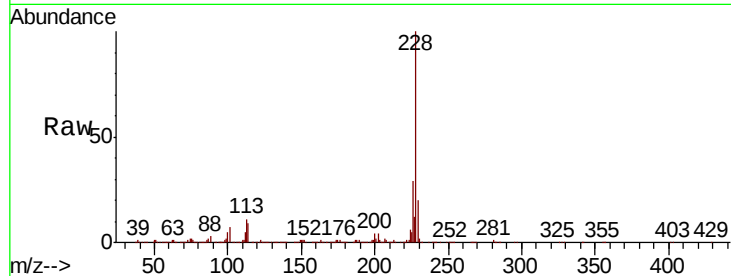
#83  
 Chrysene  
 Concen: 38.758 ng  
 RT: 21.18 min Scan# 3110  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.9  | 23.1  | 34.7  |
| 229     | 19.7  | 15.8  | 23.6  |

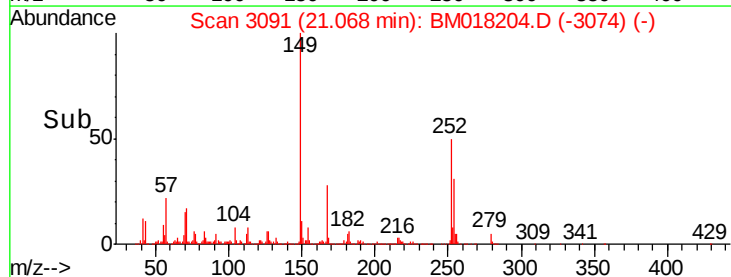
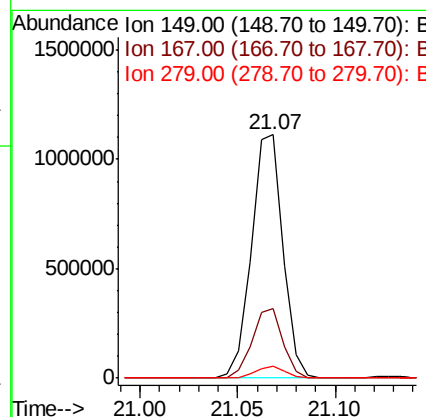
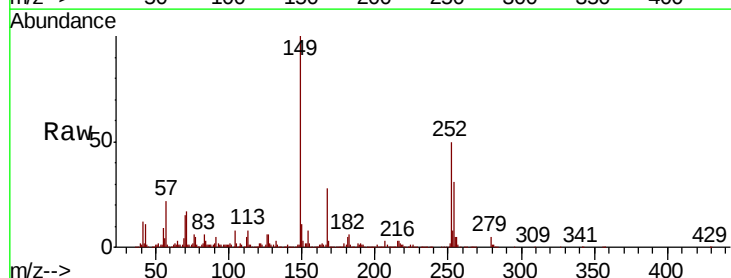
Manual Integrations  
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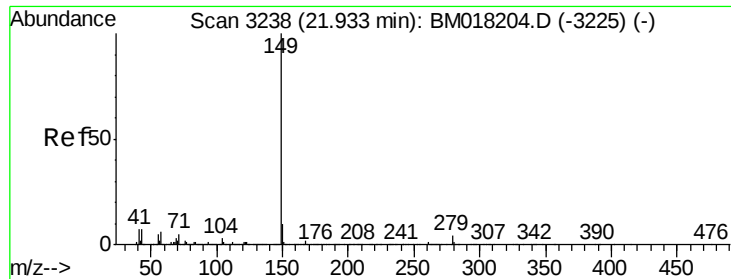
Sohil  
 12/17/2018 4:19:44 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.107 ng  
 RT: 21.07 min Scan# 3091  
 Delta R.T. 0.00 min  
 Lab File: BM018204.D  
 Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.4  | 22.7  | 34.1  |
| 279     | 4.9   | 3.9   | 5.9   |





#85

Di-n-octyl phthalate

Concen: 45.809 ng

RT: 21.93 min Scan# 3238

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 2076868

Ion Ratio Lower Upper

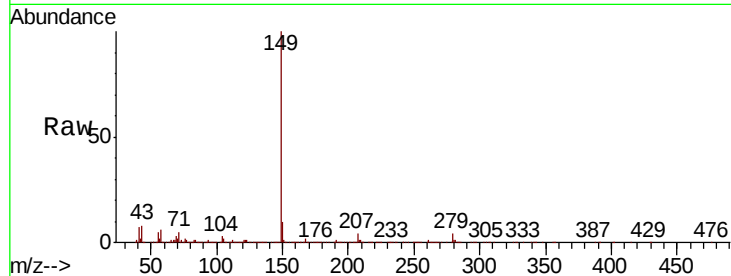
149 100

167 1.7 1.4 2.0

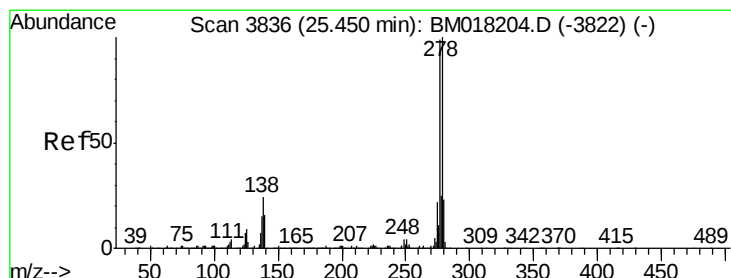
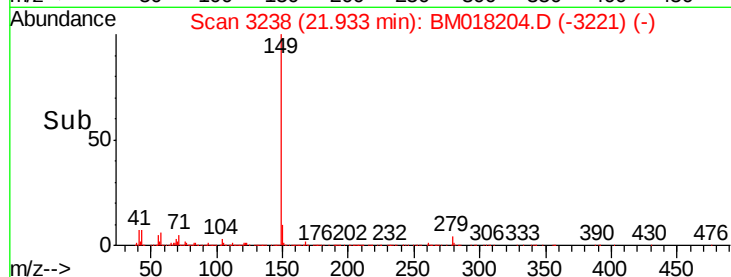
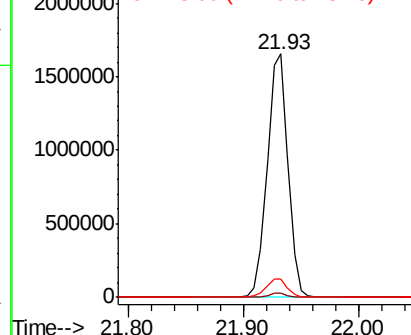
43 7.8 6.2 9.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.026 ng

RT: 25.45 min Scan# 3836

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

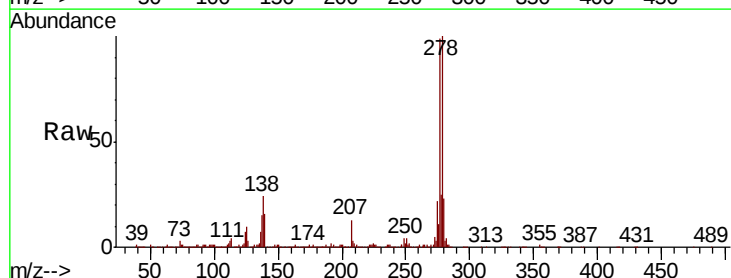
Tgt Ion:276 Resp: 1732812

Ion Ratio Lower Upper

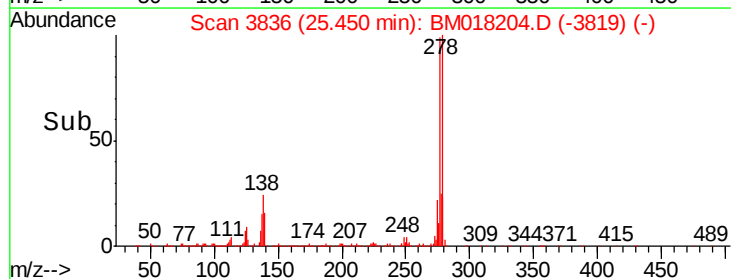
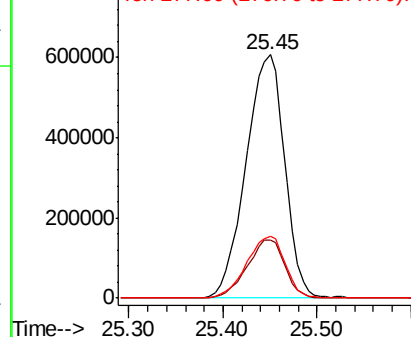
276 100

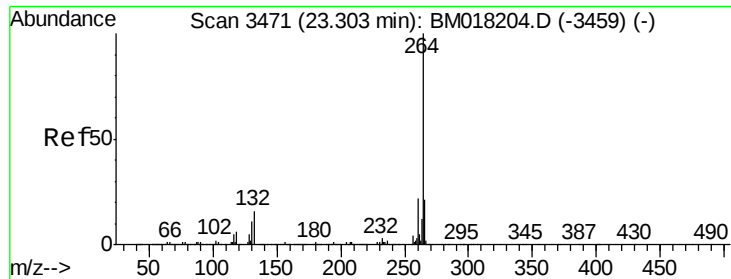
138 23.3 18.6 28.0

277 25.4 20.3 30.5



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





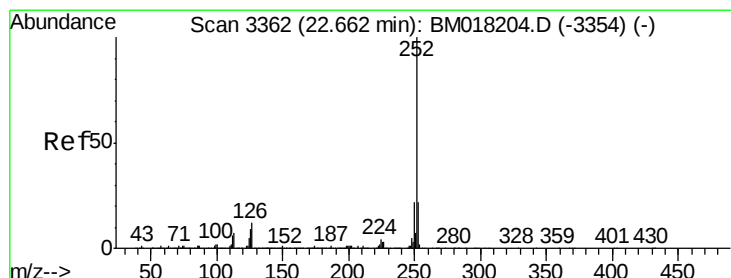
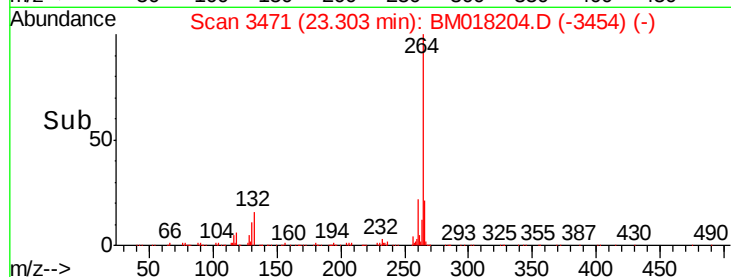
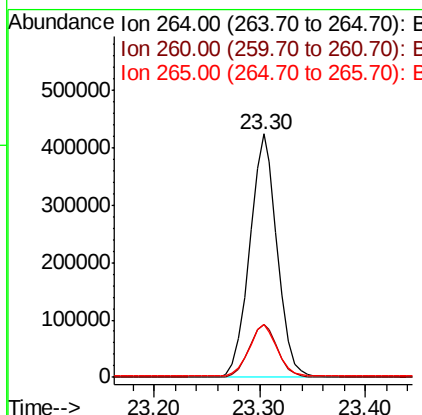
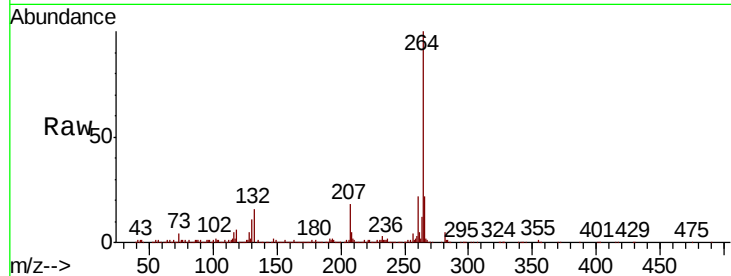
#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.30 min Scan# 3471  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.9  | 17.5  | 26.3  |
| 265     | 21.6  | 17.3  | 25.9  |

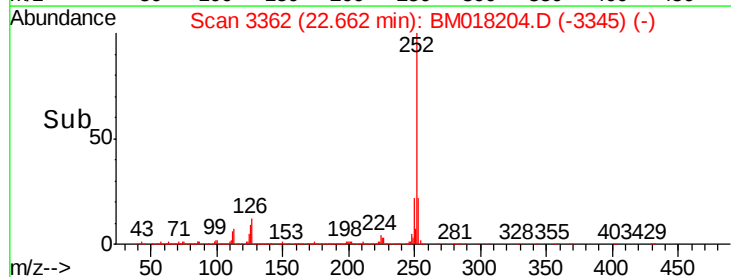
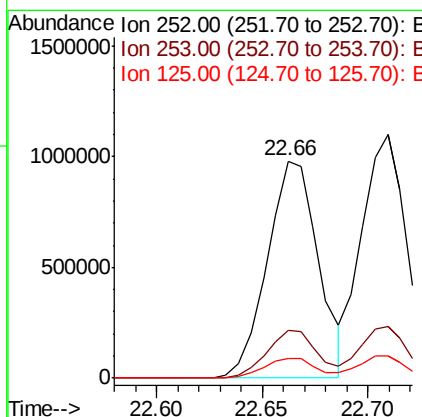
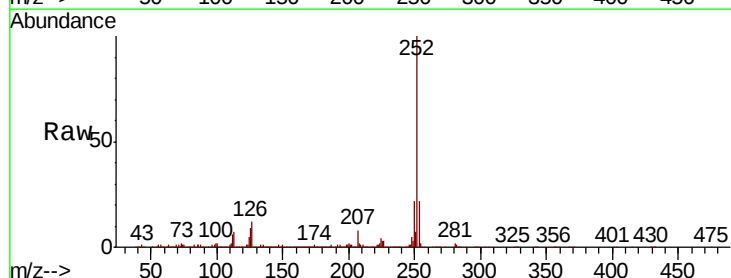
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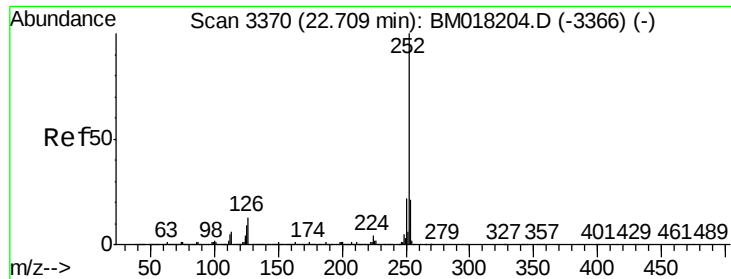
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#88  
Benzo(b)fluoranthene  
Concen: 37.389 ng  
RT: 22.66 min Scan# 3362  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.6  | 26.4  |
| 125     | 9.2   | 7.4   | 11.0  |





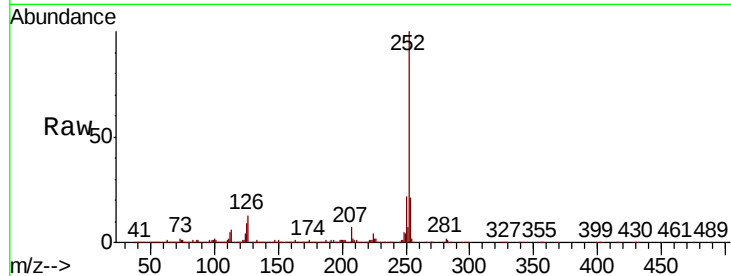
#89  
Benzo(k)fluoranthene  
Concen: 36.754 ng  
RT: 22.71 min Scan# 3370  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.1  | 16.9  | 25.3  |
| 125     | 9.4   | 7.5   | 11.3  |

Manual Integrations  
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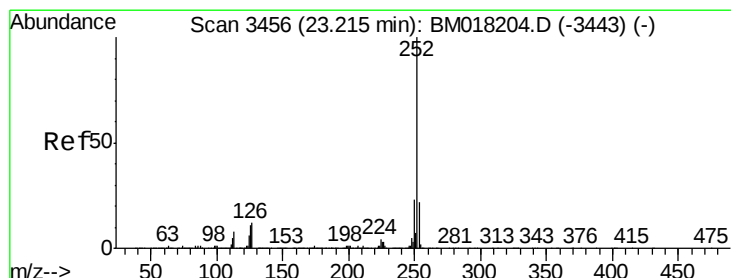
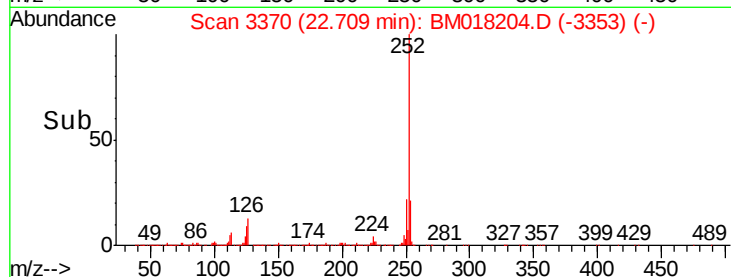
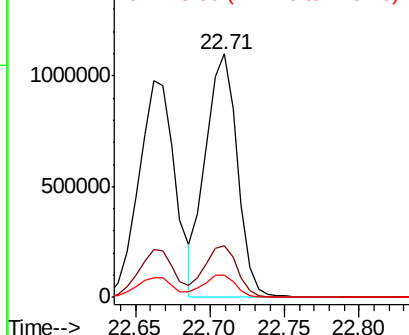


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90  
Benzo(a)pyrene  
Concen: 38.791 ng  
RT: 23.22 min Scan# 3456  
Delta R.T. 0.00 min  
Lab File: BM018204.D  
Acq: 15 Dec 2018 14:39

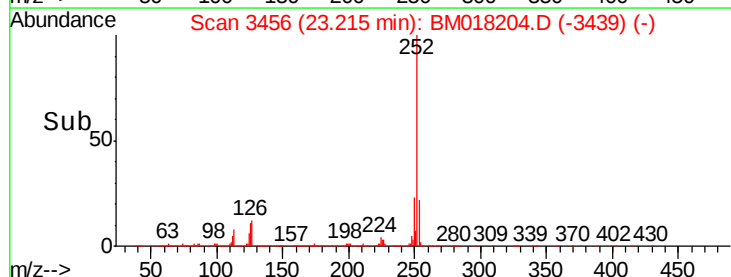
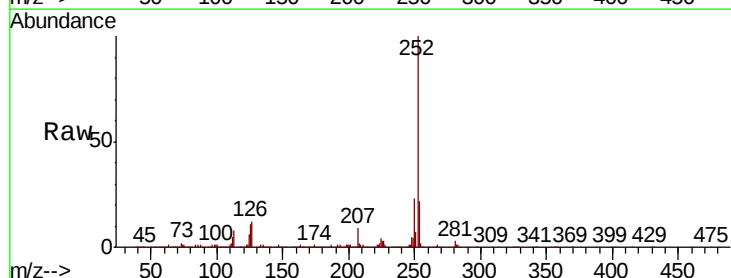
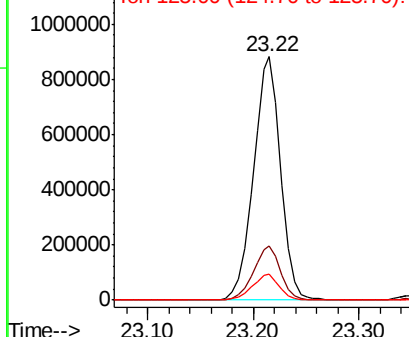
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.6  | 26.4  |
| 125     | 10.7  | 8.6   | 12.8  |

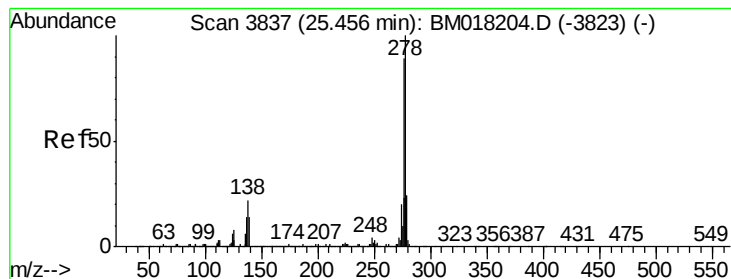
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 42.976 ng

RT: 25.46 min Scan# 3837

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

Instrument :

BNA\_M

ClientSampleId :

SSTDICCC040

Tot Ion:278 Resp: 1489011

Ion Ratio Lower Upper

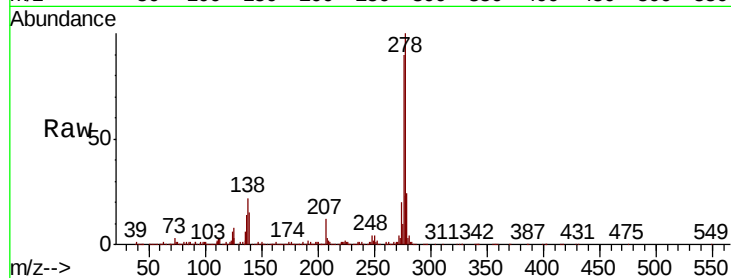
278 100

139 14.5 11.6 17.4

279 24.0 19.2 28.8

Manual Integrations  
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12/17/2018 4:19:44 PM

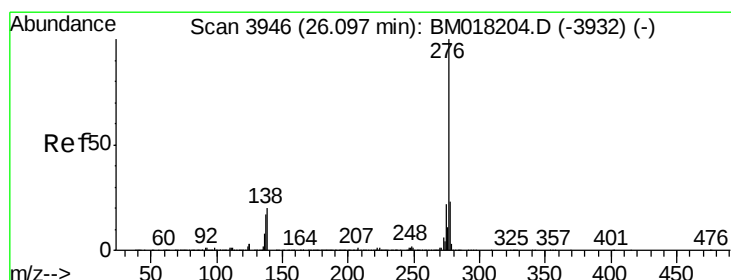
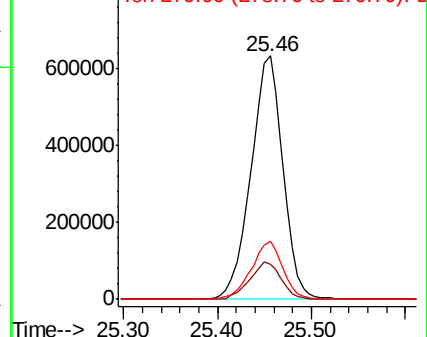
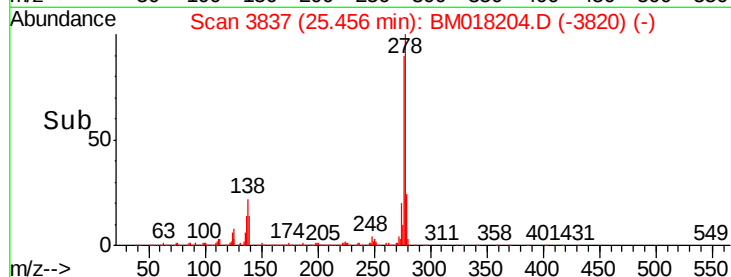


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.591 ng

RT: 26.10 min Scan# 3946

Delta R.T. 0.00 min

Lab File: BM018204.D

Acq: 15 Dec 2018 14:39

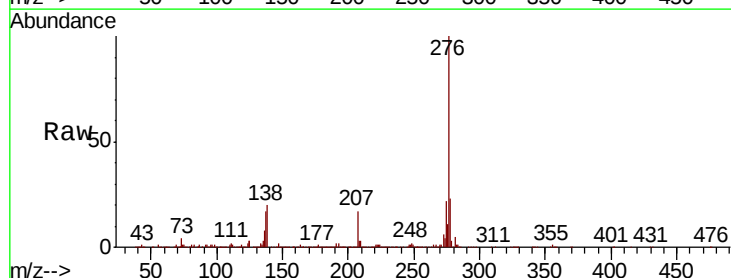
Tgt Ion:276 Resp: 1385797

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 19.8 15.8 23.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

