

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102918\  
 Data File : BM017412.D  
 Acq On : 29 Oct 2018 18:16  
 Operator : MJ/SJ  
 Sample : PB114250BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

Manual Integrations  
 APPROVED

Sohil  
 10/30/2018 4:43:07 PM

Quant Time: Oct 30 03:10:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 15:08:36 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 270787   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.42 | 136  | 1221363  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.29 | 164  | 779874   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.04 | 188  | 1878199  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.24 | 240  | 1969602  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.44 | 264  | 1883849  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.27  | 112 | 1202367 | 75.10 | ng | 0.00 |
| 7) Phenol-d6             | 6.83  | 99  | 1698408 | 77.89 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.80  | 82  | 1504341 | 72.04 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.79 | 330 | 792205  | 75.11 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.90 | 172 | 3567059 | 60.86 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.68 | 244 | 5828253 | 66.70 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 152147  | 18.610 | ng | # 84   |
| 3) Pyridine                    | 3.63  | 79  | 482724  | 25.662 | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 3.55  | 42  | 246620  | 32.658 | ng | # 67   |
| 6) Aniline                     | 6.99  | 93  | 635461  | 23.299 | ng | 98     |
| 8) 2-Chlorophenol              | 7.22  | 128 | 668089  | 36.070 | ng | 98     |
| 9) Benzaldehyde                | 6.80  | 77  | 265419  | 19.090 | ng | 93     |
| 10) Phenol                     | 6.86  | 94  | 848287  | 36.147 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.09  | 93  | 564558  | 30.178 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.53  | 146 | 617375  | 28.593 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.68  | 146 | 627140  | 28.429 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.99  | 146 | 603212  | 28.381 | ng | 99     |
| 15) Benzyl Alcohol             | 7.89  | 79  | 596420  | 37.420 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.17  | 45  | 779779  | 29.835 | ng | 99     |
| 17) 2-Methylphenol             | 8.09  | 107 | 571269  | 37.926 | ng | 98     |
| 18) Hexachloroethane           | 8.70  | 117 | 225220  | 29.833 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.45  | 70  | 486006  | 33.850 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.42  | 107 | 795705  | 38.623 | ng | 97     |
| 22) Acetophenone               | 8.47  | 105 | 944117  | 30.495 | ng | 99     |
| 24) Nitrobenzene               | 8.85  | 77  | 730743  | 33.081 | ng | 95     |
| 25) Isophorone                 | 9.36  | 82  | 1352592 | 39.224 | ng | 97     |
| 26) 2-Nitrophenol              | 9.55  | 139 | 362473  | 36.599 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.61  | 122 | 663377  | 43.505 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.85  | 93  | 882371  | 36.354 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.07 | 162 | 688627  | 38.896 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.29 | 180 | 640408  | 30.154 | ng | 97     |
| 31) Naphthalene                | 10.47 | 128 | 1958660 | 32.724 | ng | 99     |
| 32) Benzoic acid               | 9.77  | 122 | 456179  | 40.096 | ng | 91     |
| 33) 4-Chloroaniline            | 10.59 | 127 | 404797  | 15.659 | ng | 97     |
| 34) Hexachlorobutadiene        | 10.75 | 225 | 365433  | 27.156 | ng | 98     |
| 35) Caprolactam                | 11.39 | 113 | 213860m | 33.146 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.72 | 107 | 722179  | 36.188 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.09 | 142 | 1478824 | 36.106 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.31 | 142 | 1398327 | 35.077 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.46 | 216 | 747313  | 27.210 | ng | 99     |

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 Operator : MJ/SJ  
 Sample : PB114250BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

Manual Integrations  
 APPROVED

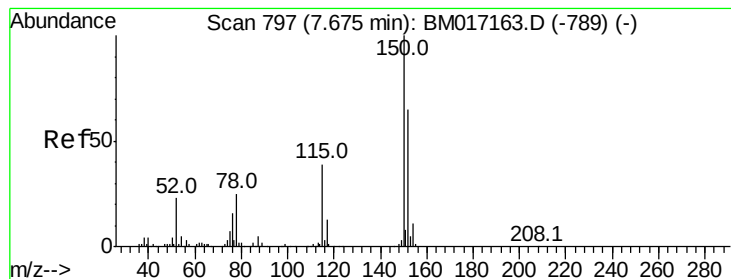
Sohil  
 10/30/2018 4:43:07 PM

Quant Time: Oct 30 03:10:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 29 15:08:36 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.43 | 237  | 912390   | 68.718 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.71 | 196  | 543997   | 34.121 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.78 | 196  | 584793   | 34.206 | nq    | 98       |
| 46) 1,1'-Biphenyl              | 13.12 | 154  | 1906266  | 27.162 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.16 | 162  | 1478940  | 28.645 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.37 | 65   | 462369   | 33.630 | nq    | 94       |
| 49) Acenaphthylene             | 14.01 | 152  | 2633573  | 35.191 | nq    | 99       |
| 50) Dimethylphthalate          | 13.76 | 163  | 2013760  | 33.469 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.88 | 165  | 467725   | 35.320 | nq    | 99       |
| 52) Acenaphthene               | 14.36 | 154  | 1545478  | 32.891 | nq    | 97       |
| 53) 3-Nitroaniline             | 14.21 | 138  | 341420   | 23.805 | nq    | 97       |
| 54) 2,4-Dinitrophenol          | 14.42 | 184  | 536929   | 70.233 | nq    | 96       |
| 55) Dibenzofuran               | 14.69 | 168  | 2549604  | 32.629 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.53 | 139  | 1196091  | 90.825 | nq    | 95       |
| 57) 2,4-Dinitrotoluene         | 14.67 | 165  | 679626   | 38.184 | nq    | # 95     |
| 58) Fluorene                   | 15.35 | 166  | 2058634  | 35.593 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 600481   | 38.532 | nq    | 97       |
| 60) Diethylphthalate           | 15.13 | 149  | 2096359  | 35.133 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.35 | 204  | 1028451  | 31.191 | nq    | 98       |
| 62) 4-Nitroaniline             | 15.38 | 138  | 522774   | 34.180 | nq    | 98       |
| 63) Azobenzene                 | 15.63 | 77   | 2125041  | 36.640 | nq    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 387885   | 34.471 | nq    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.56 | 169  | 1851106  | 32.576 | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.24 | 248  | 668611   | 32.421 | nq    | 97       |
| 68) Hexachlorobenzene          | 16.35 | 284  | 756145   | 31.565 | nq    | 98       |
| 69) Atrazine                   | 16.52 | 200  | 687700   | 33.814 | nq    | 98       |
| 70) Pentachlorophenol          | 16.70 | 266  | 926523   | 56.460 | nq    | 99       |
| 71) Phenanthrene               | 17.09 | 178  | 3369397  | 33.250 | nq    | 100      |
| 72) Anthracene                 | 17.17 | 178  | 3495985  | 36.308 | nq    | 99       |
| 73) Carbazole                  | 17.45 | 167  | 3231721  | 32.857 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.02 | 149  | 3743478  | 36.086 | nq    | 99       |
| 75) Fluoranthene               | 19.11 | 202  | 3860637  | 33.857 | nq    | 99       |
| 77) Benzidine                  | 19.30 | 184  | 1654889  | 33.136 | nq    | 98       |
| 78) Pyrene                     | 19.47 | 202  | 3849570  | 34.970 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.39 | 149  | 1620046  | 40.068 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.23 | 228  | 3904426  | 35.227 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 1008336  | 24.409 | nq    | 99       |
| 83) Chrysene                   | 21.28 | 228  | 3679460  | 33.539 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 2343571  | 37.830 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.03 | 149  | 4190414  | 39.685 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.65 | 276  | 3514555  | 28.642 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 22.79 | 252  | 3817923  | 37.068 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 22.83 | 252  | 3658322  | 35.397 | nq    | 99       |
| 90) Benzo(a)pyrene             | 23.35 | 252  | 3508472  | 35.877 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.66 | 278  | 3004083  | 30.937 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.33 | 276  | 2760215  | 28.680 | nq    | 99       |

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





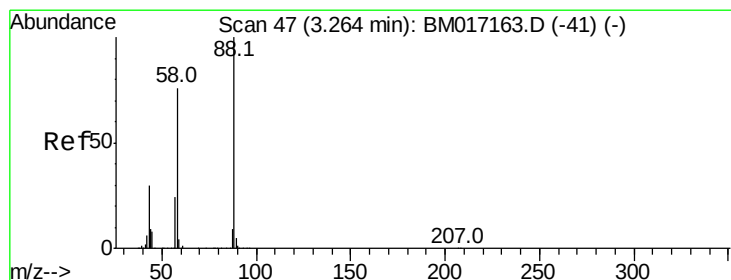
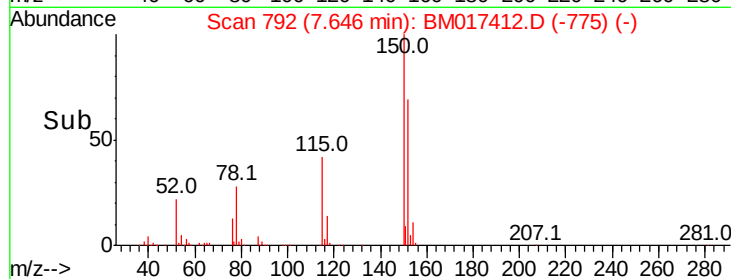
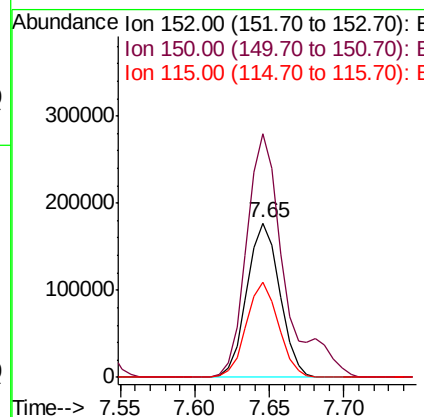
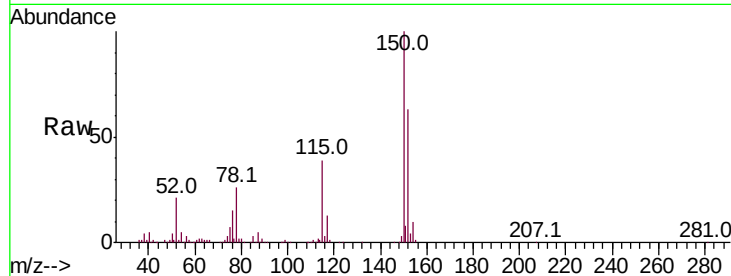
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 Concen: 20.000 ng  
 RT: 7.65 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.0 | 124.3 | 186.5 |
| 115     | 61.6  | 48.1  | 72.1  |

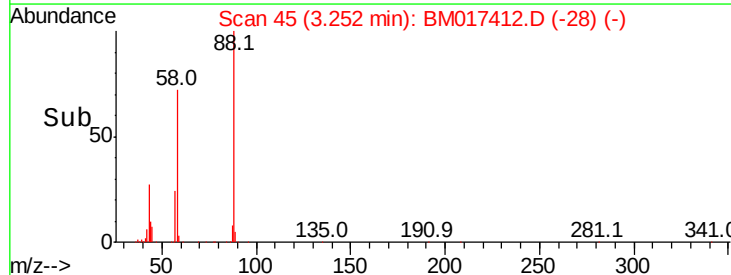
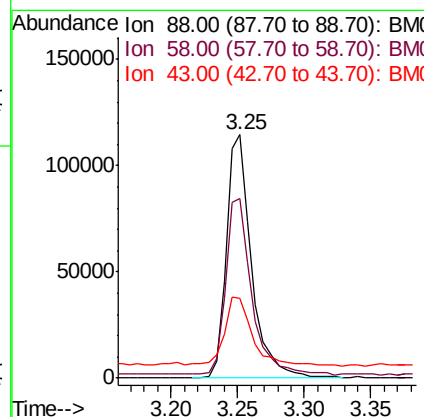
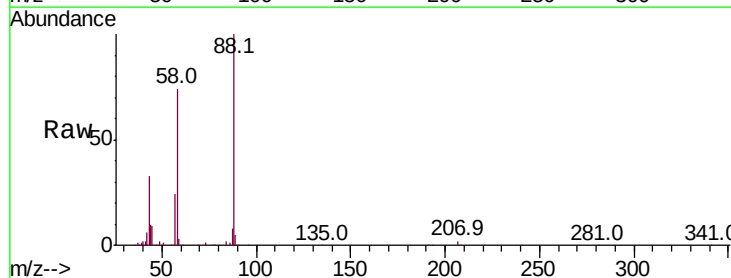
Manual Integrations  
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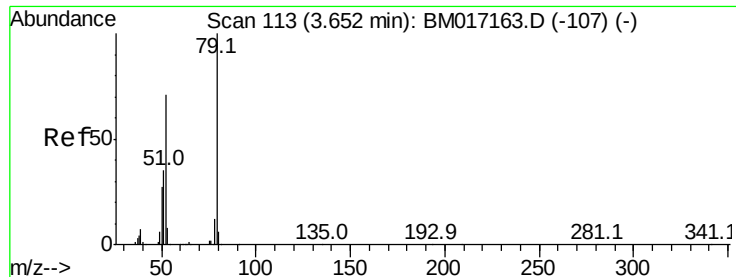
Sohil  
 10/30/2018 4:43:07 PM



#2  
 1,4-Dioxane  
 Concen: 18.610 ng  
 RT: 3.25 min Scan# 45  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.0  | 50.2  | 75.4  |
| 43      | 31.7  | 19.3  | 28.9  |





#3

Pvridine

Concen: 25.662 ng

RT: 3.63 min Scan# 109

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

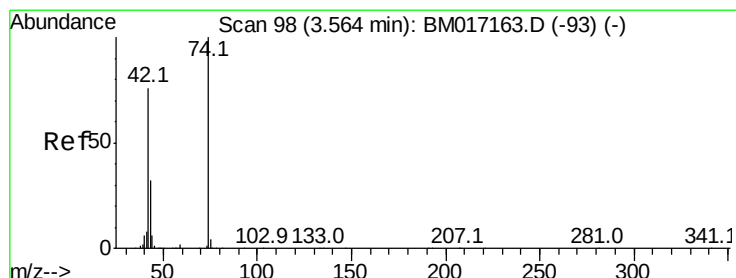
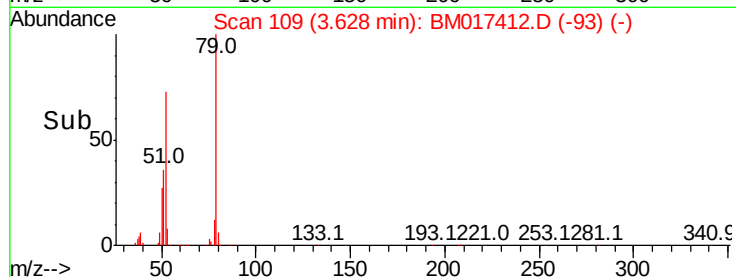
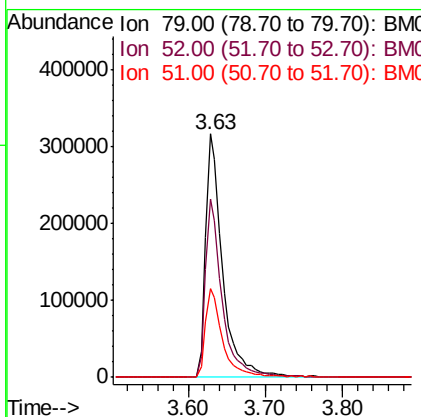
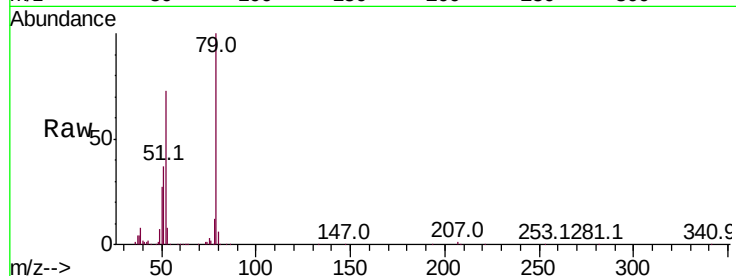
ClientSampleId :

PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 73.1  | 46.5  | 69.7# |
| 51      | 36.6  | 24.6  | 37.0  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 32.658 ng

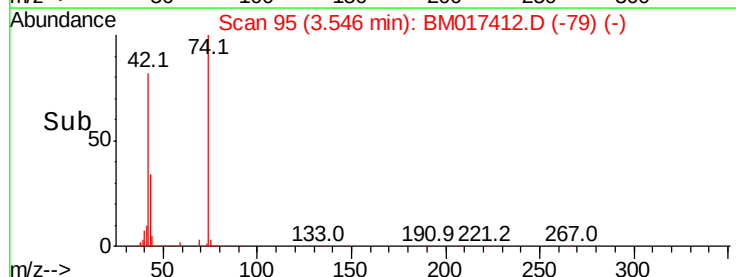
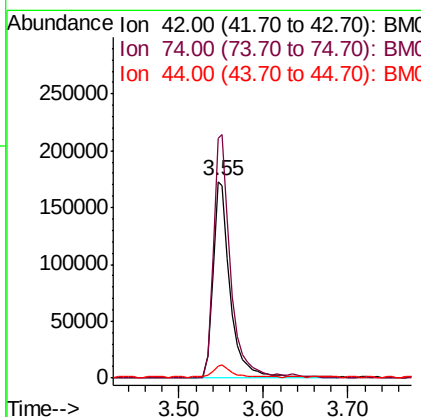
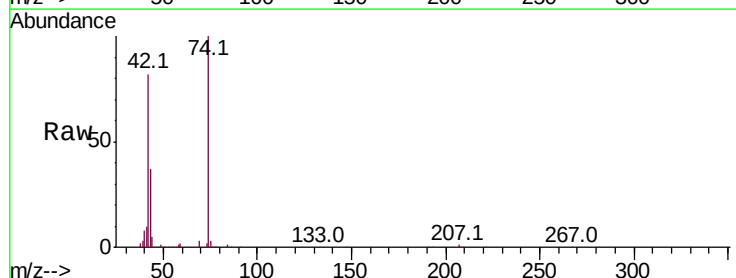
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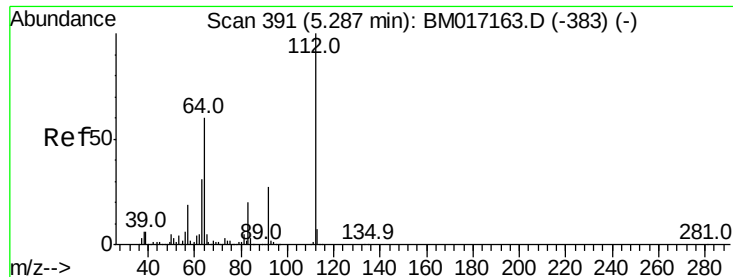
Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 122.1 | 114.4 | 171.6 |
| 44      | 6.3   | 48.6  | 73.0# |





#5

2-Fluorophenol

Concen: 75.100 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

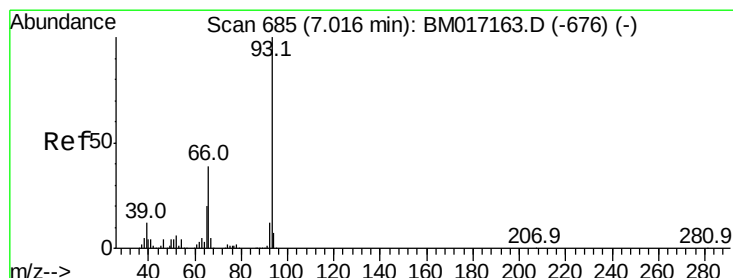
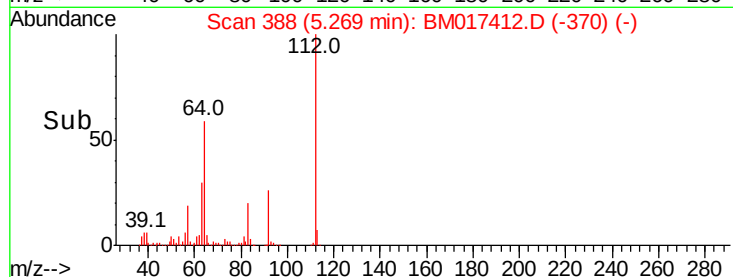
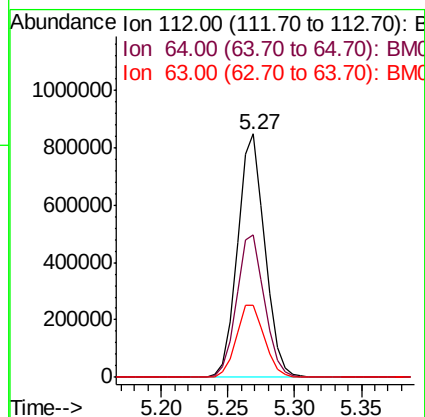
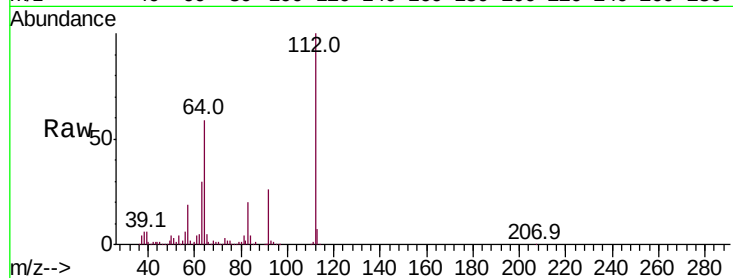
ClientSampled :

PB114250BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 112   | Resp: | 1202367 |
| Ion      | Ratio | Lower | Upper   |
| 112      | 100   |       |         |
| 64       | 58.7  | 41.7  | 62.5    |
| 63       | 29.8  | 23.0  | 34.4    |

Manual Integrations  
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#6

Aniline

Concen: 23.299 ng

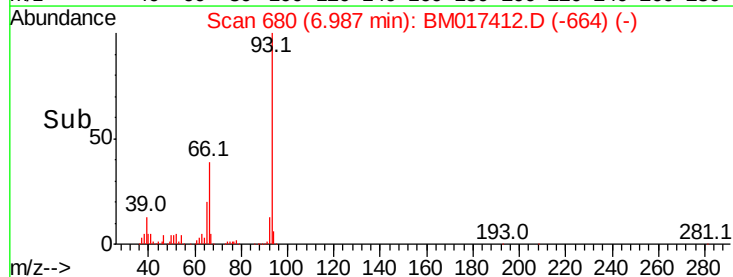
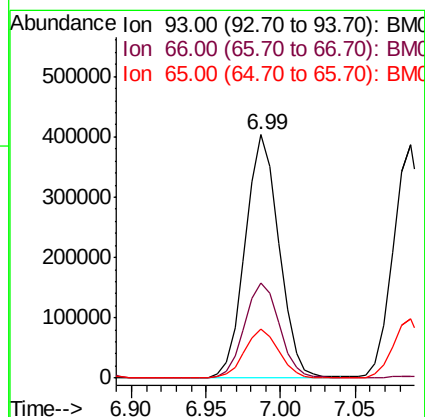
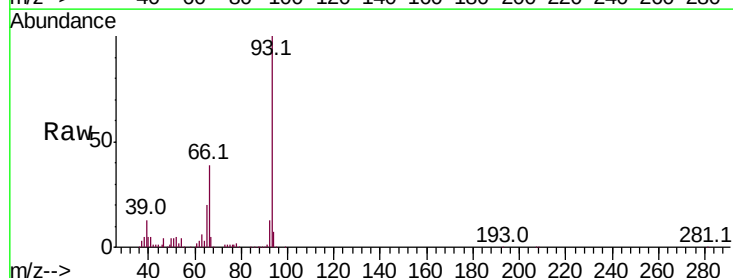
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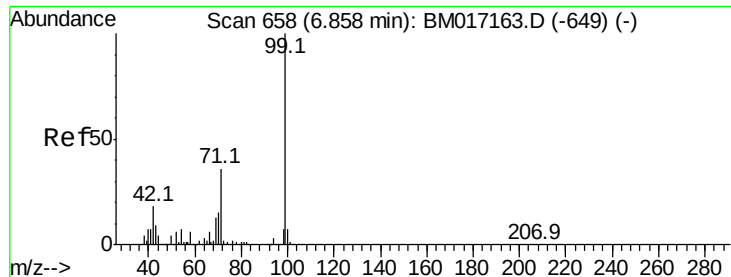
Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 635461 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 39.3  | 30.4  | 45.6   |
| 65       | 20.1  | 15.3  | 22.9   |





#7

Phenol-d6

Concen: 77.891 ng

RT: 6.83 min Scan# 654

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampled :

PB114250BS

Tot Ion: 99 Resp: 1698408

Ion Ratio Lower Upper

99 100

42 18.8 13.3 19.9

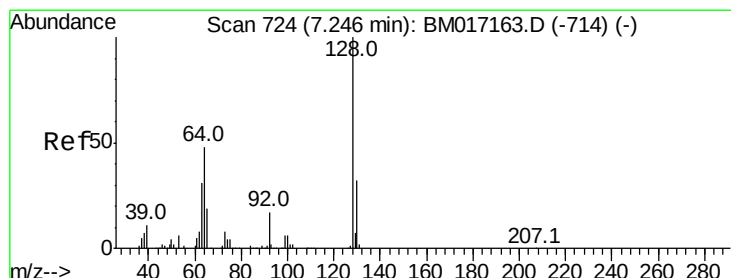
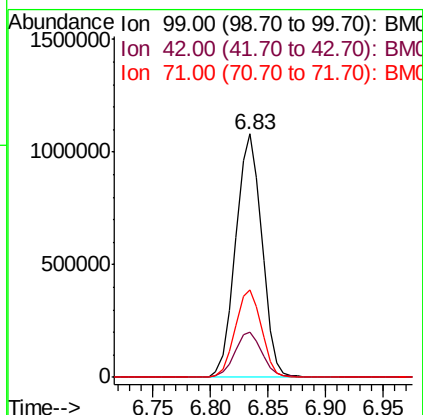
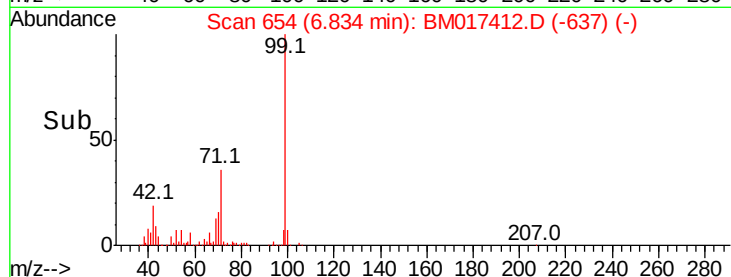
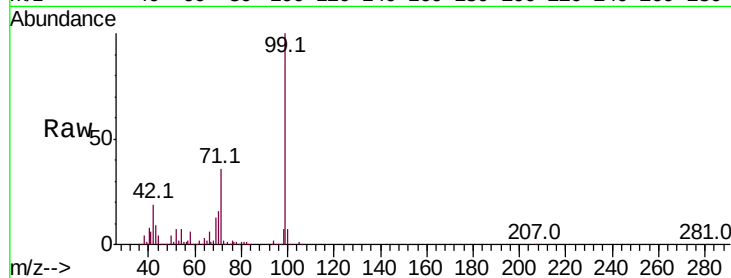
71 35.8 28.0 42.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.070 ng

RT: 7.22 min Scan# 719

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

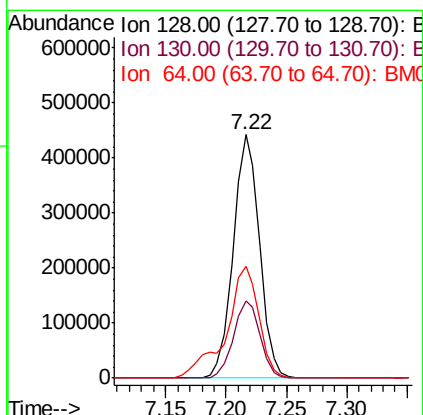
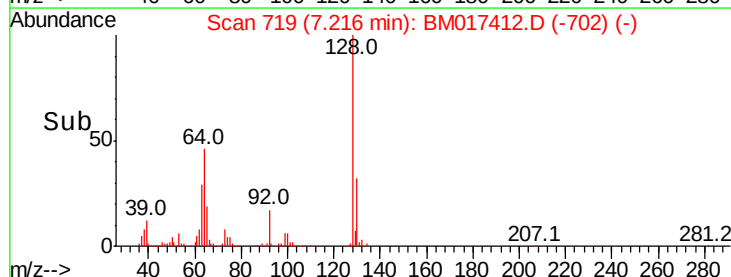
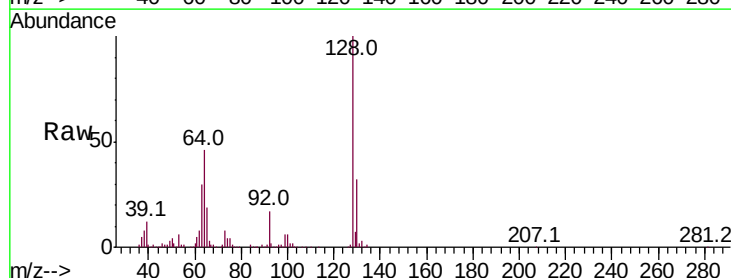
Tgt Ion: 128 Resp: 668089

Ion Ratio Lower Upper

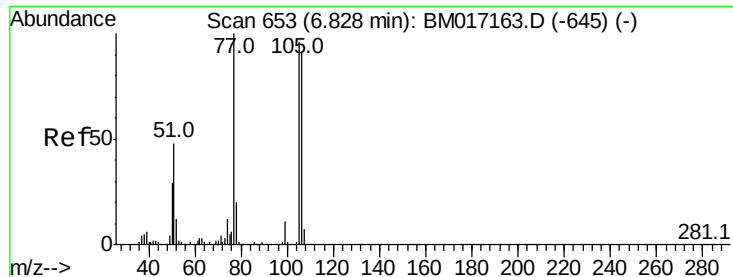
128 100

130 32.0 11.0 51.0

64 45.9 24.1 64.1







#9

Benzaldehyde

Concen: 19.090 ng

RT: 6.80 min Scan# 649

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleId :

PB114250BS

Tot Ion: 77 Resp: 265419

Ion Ratio Lower Upper

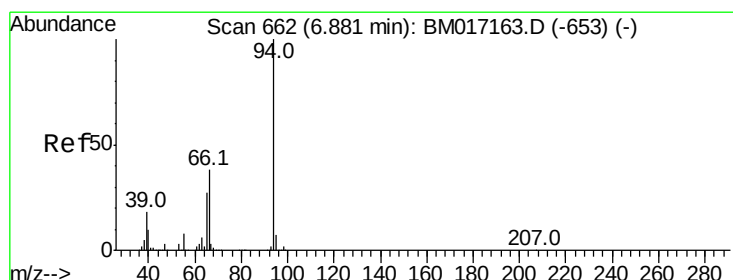
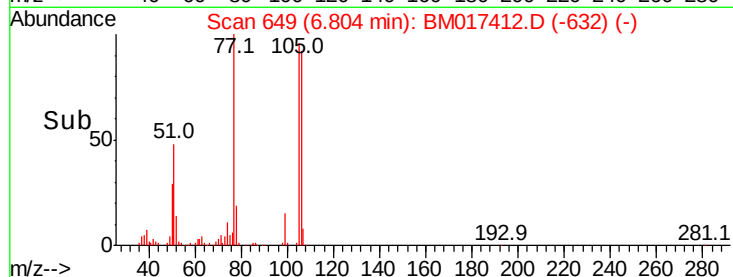
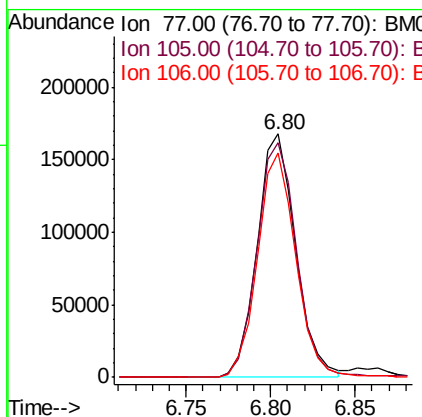
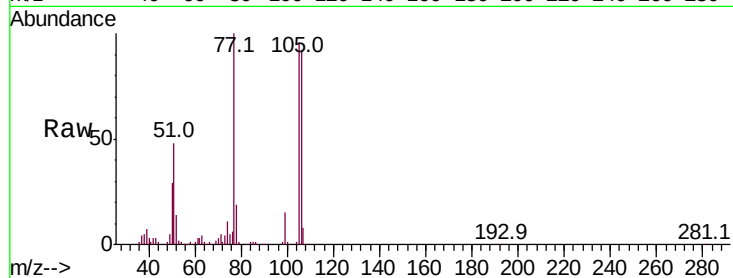
77 100

105 96.3 83.9 123.9

106 92.4 78.2 118.2

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#10

Phenol

Concen: 36.147 ng

RT: 6.86 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

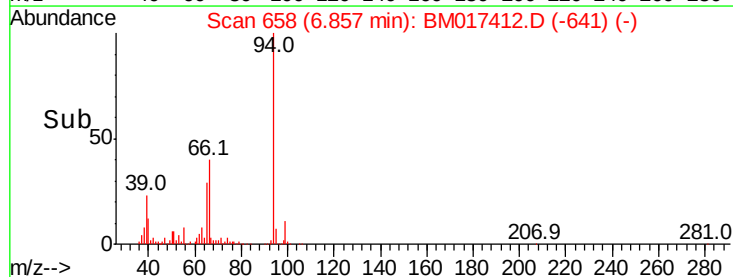
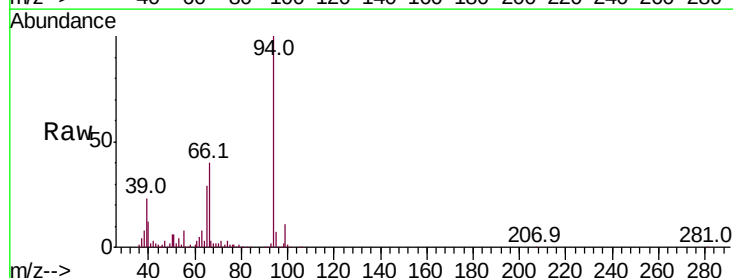
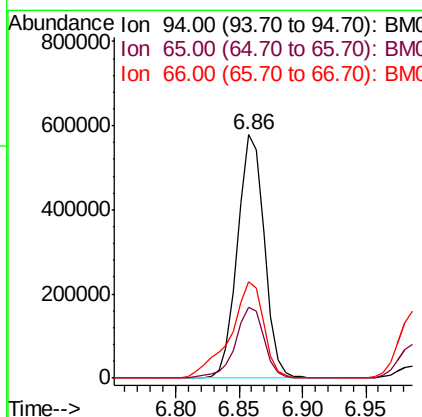
Tgt Ion: 94 Resp: 848287

Ion Ratio Lower Upper

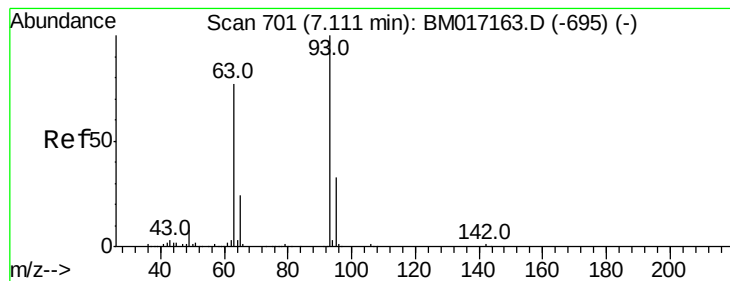
94 100

65 29.2 9.4 49.4

66 39.6 19.0 59.0







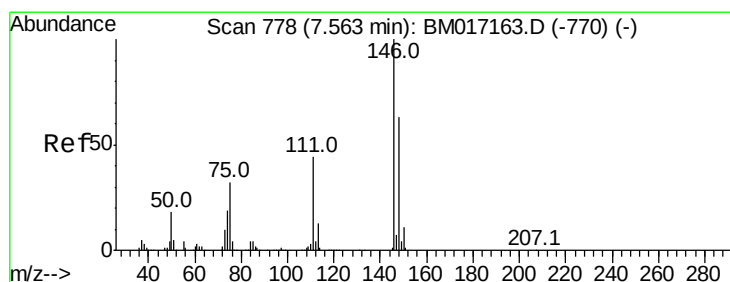
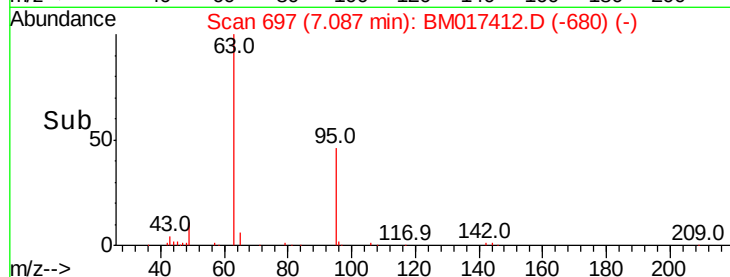
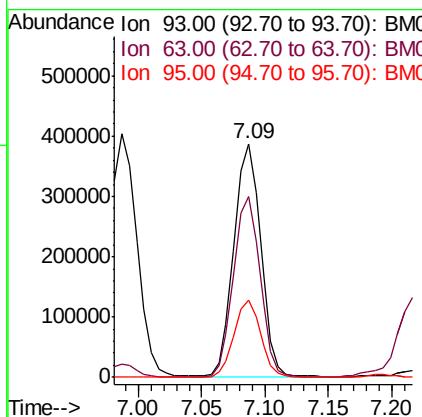
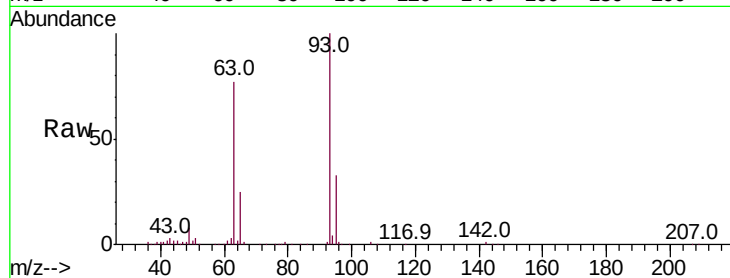
#11  
bis(2-Chloroethyl)ether  
Concen: 30.178 ng  
RT: 7.09 min Scan# 697  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 77.4  | 54.0 | 94.0  |       |
| 95      | 32.9  | 11.8 | 51.8  |       |

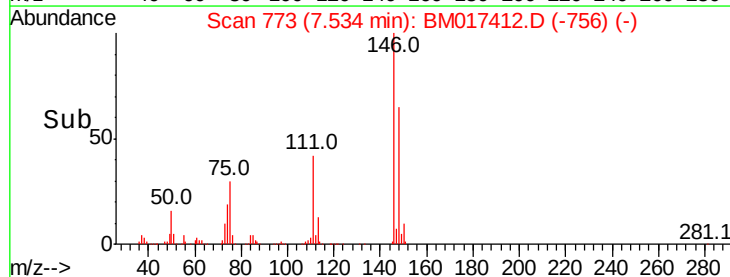
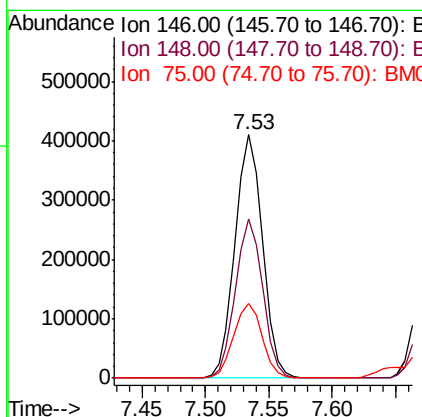
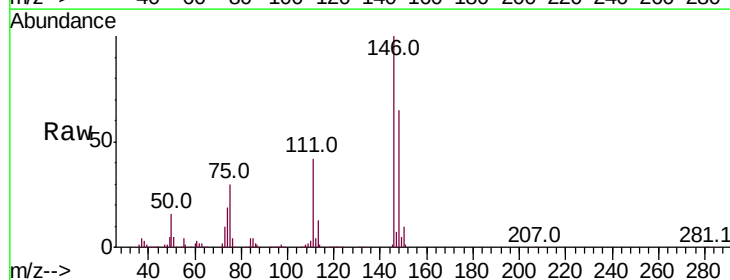
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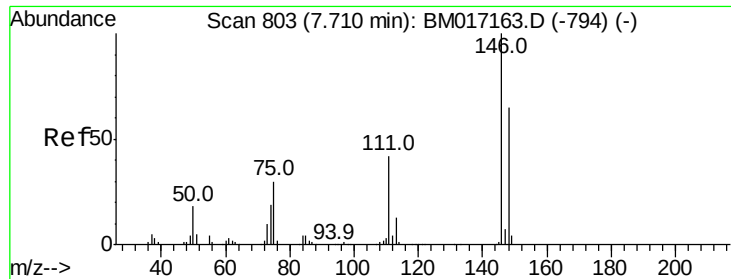
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#12  
1,3-Dichlorobenzene  
Concen: 28.593 ng  
RT: 7.53 min Scan# 773  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 65.4  | 50.2 | 75.4  |       |
| 75      | 30.5  | 23.3 | 34.9  |       |





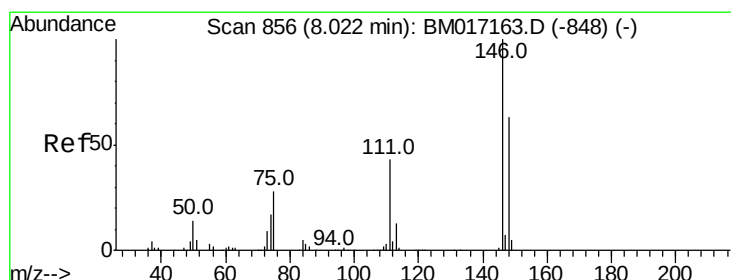
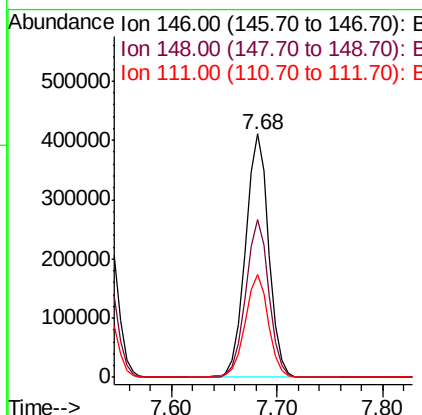
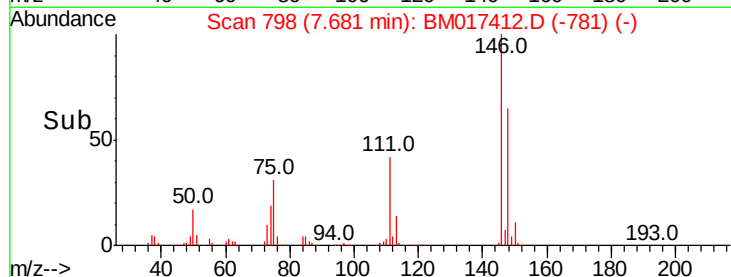
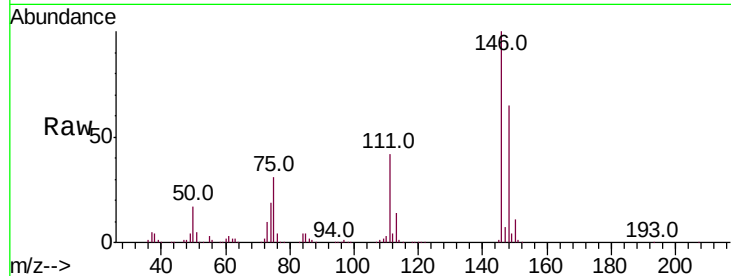
#13  
1,4-Dichlorobenzene  
Concen: 28.429 ng  
RT: 7.68 min Scan# 798  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampled :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 49.8  | 74.6  |
| 111     | 42.1  | 32.1  | 48.1  |

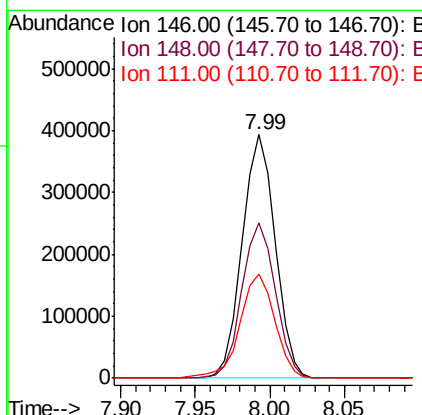
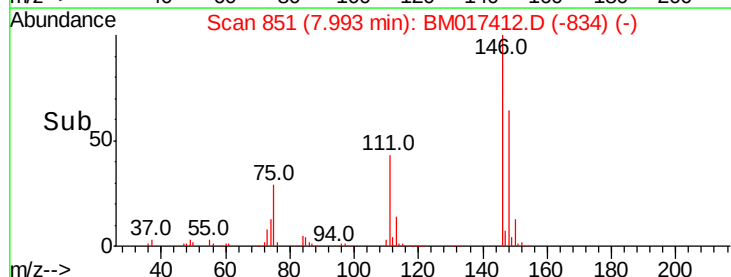
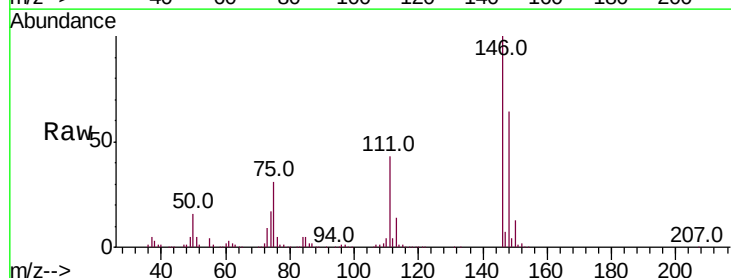
Manual Integrations  
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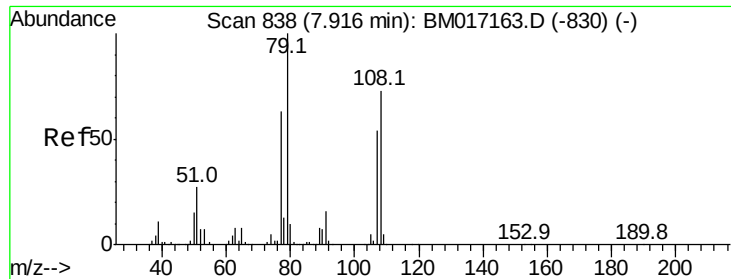
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#14  
1,2-Dichlorobenzene  
Concen: 28.381 ng  
RT: 7.99 min Scan# 851  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 50.8  | 76.2  |
| 111     | 43.0  | 33.8  | 50.6  |





#15

Benzyl Alcohol

Concen: 37.420 ng

RT: 7.89 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

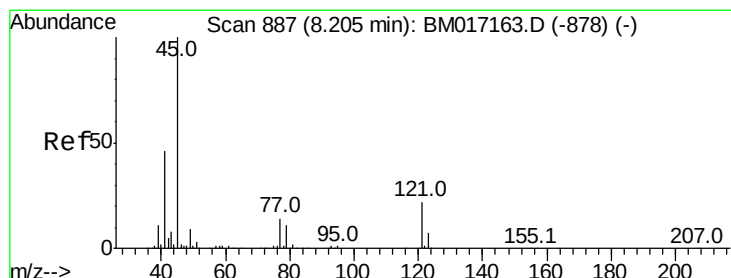
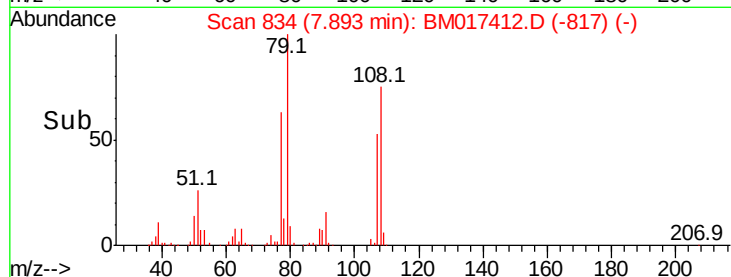
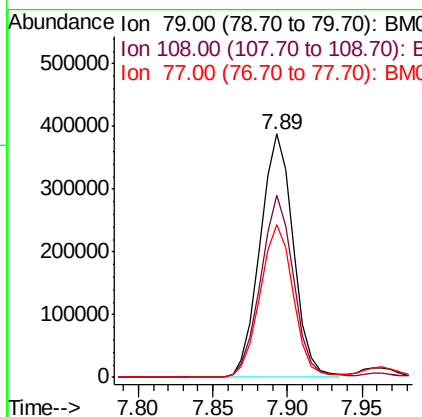
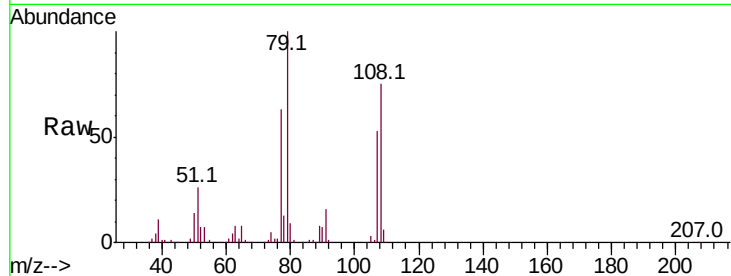
ClientSampled :

PB114250BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 596420 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 74.8  | 60.3  | 90.5   |
| 77        | 62.8  | 54.8  | 82.2   |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 29.835 ng

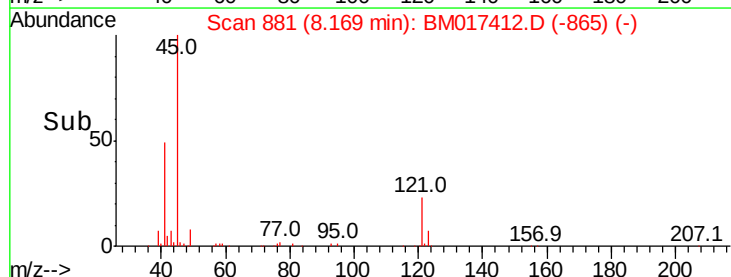
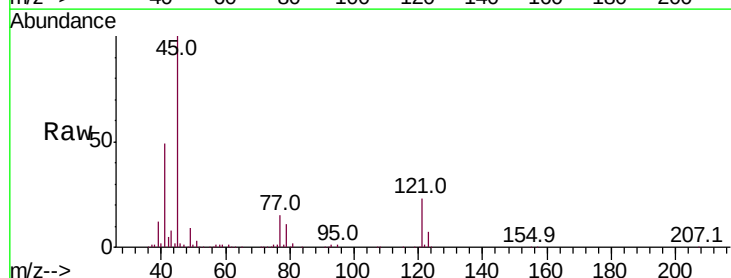
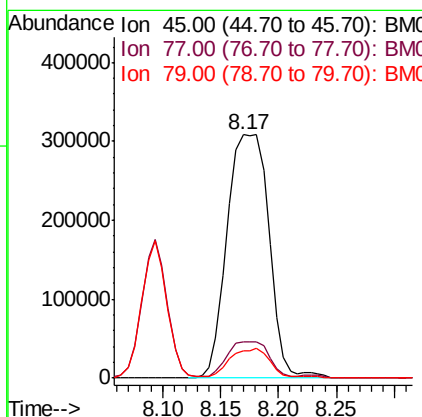
RT: 8.17 min Scan# 881

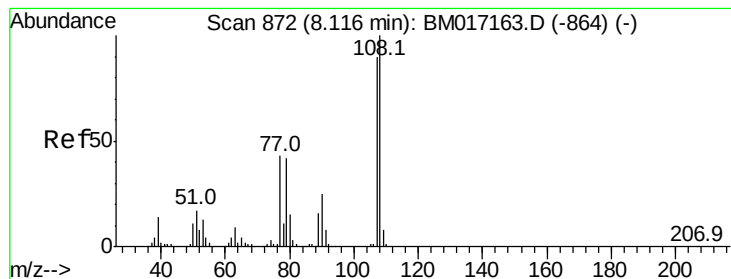
Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 779779 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.1  | 0.0   | 35.5   |
| 79        | 11.4  | 0.0   | 32.1   |





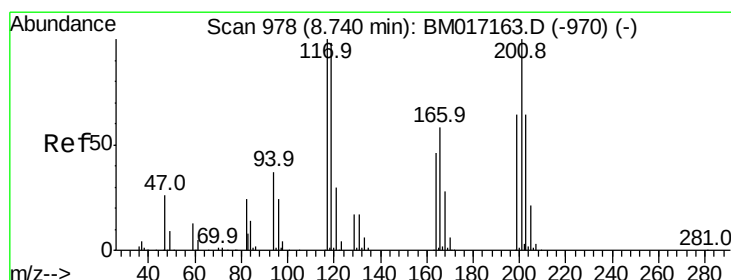
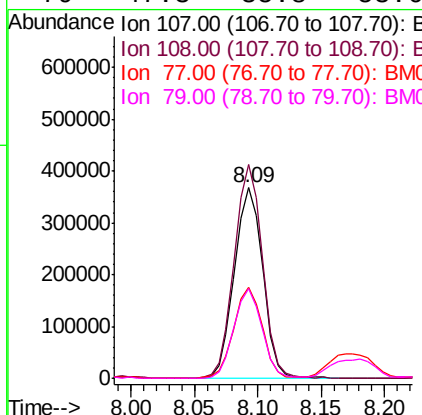
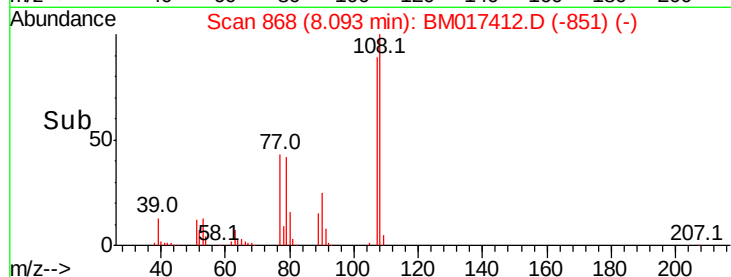
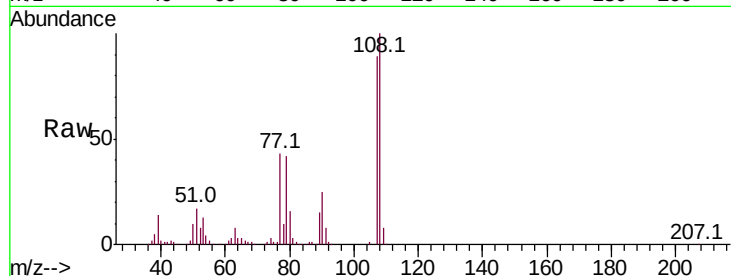
#17  
2-Methylphenol  
Concen: 37.926 ng  
RT: 8.09 min Scan# 868  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.1 | 90.3 | 135.5 |       |
| 77      | 47.8  | 37.0 | 55.4  |       |
| 79      | 47.3  | 35.8 | 53.6  |       |

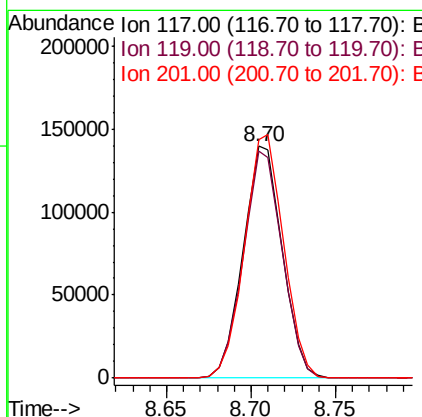
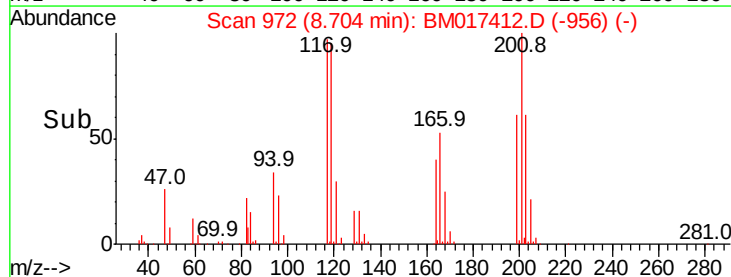
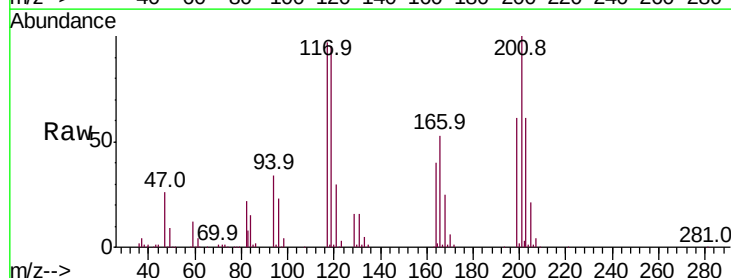
Manual Integrations  
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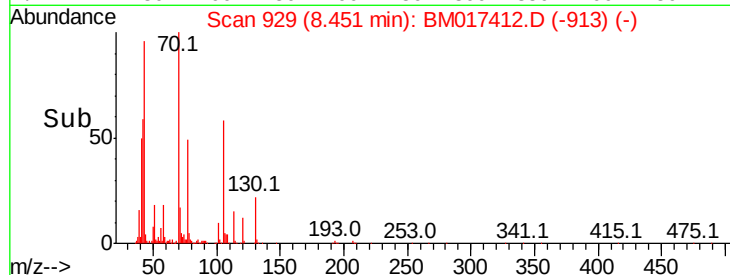
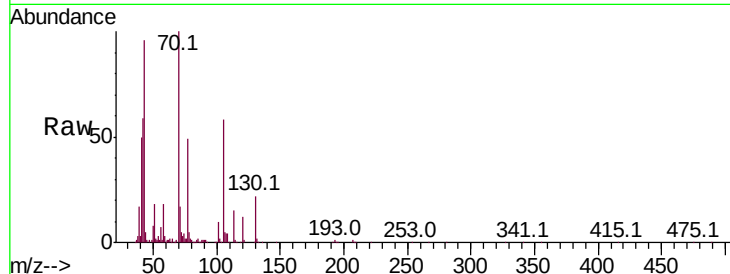
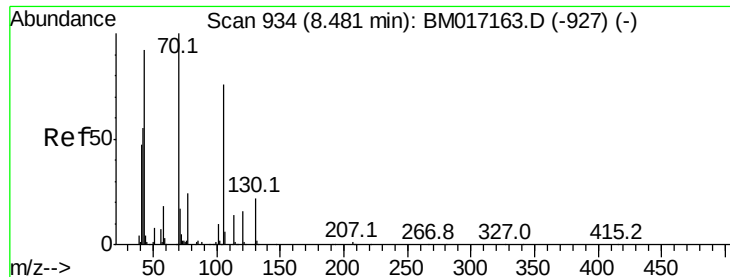
Sohil  
10/30/2018 4:43:07 PM



#18  
Hexachloroethane  
Concen: 29.833 ng  
RT: 8.70 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 97.6  | 78.2 | 117.2 |       |
| 201     | 103.1 | 85.3 | 127.9 |       |





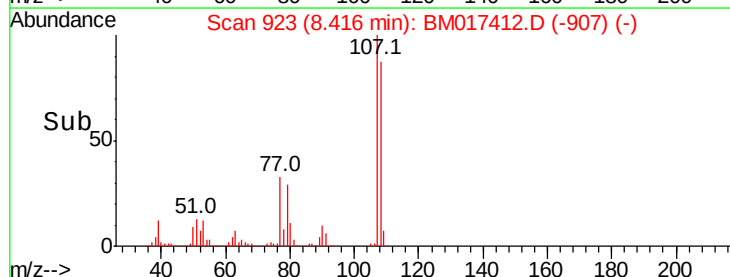
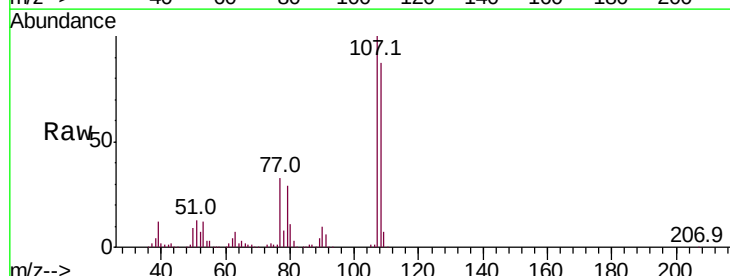
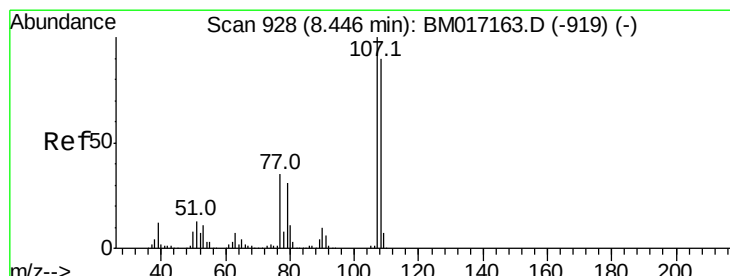
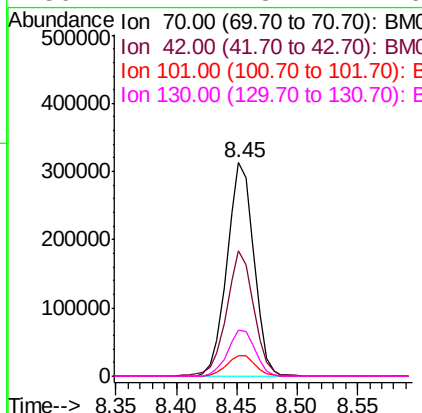
#19  
n-Nitroso-di-n-propylamine  
Concen: 33.850 ng  
RT: 8.45 min Scan# 929  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 58.9  | 46.1  | 69.1  |
| 101     | 9.7   | 8.2   | 12.4  |
| 130     | 21.7  | 18.4  | 27.6  |

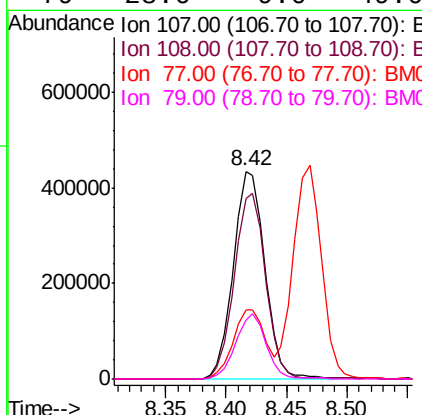
Manual Integrations  
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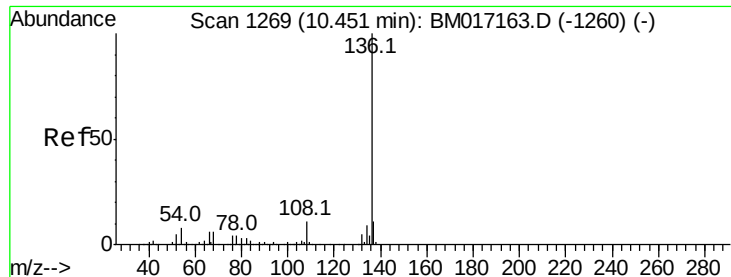
Sohil  
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#20  
3+4-Methylphenols  
Concen: 38.623 ng  
RT: 8.42 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.5  | 69.9  | 109.9 |
| 77      | 33.0  | 12.2  | 52.2  |
| 79      | 28.6  | 9.0   | 49.0  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.42 min Scan# 1264

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleId :

PB114250BS

Tot Ion:136 Resp: 1221363

Ion Ratio Lower Upper

136 100

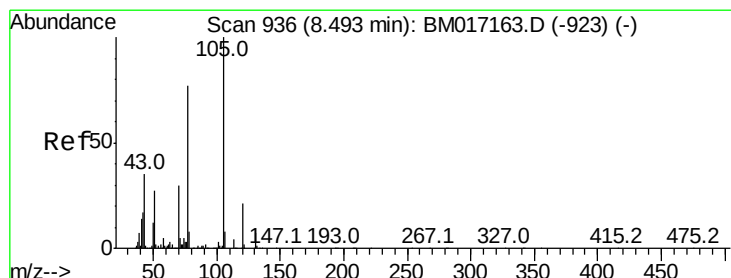
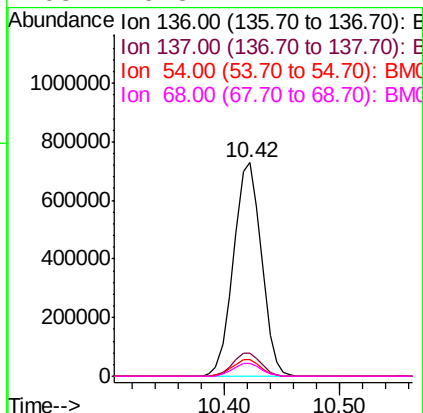
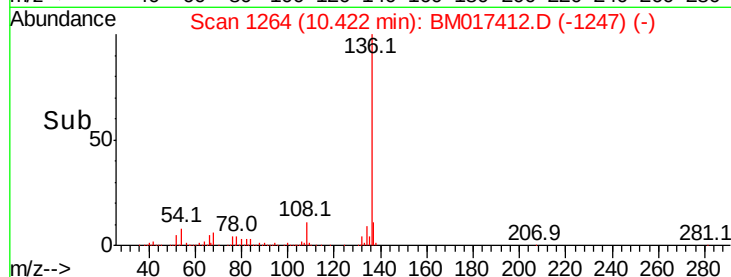
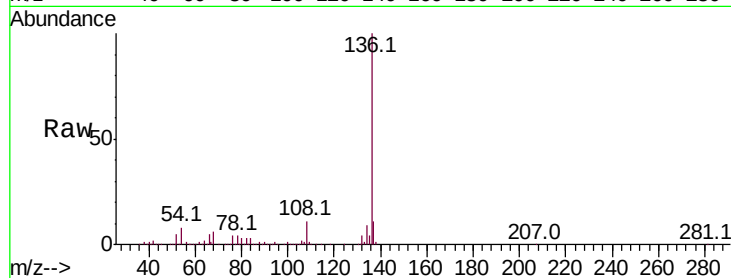
137 10.6 9.2 13.8

54 8.0 6.7 10.1

68 5.8 4.7 7.1

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#22

Acetophenone

Concen: 30.495 ng

RT: 8.47 min Scan# 932

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Tgt Ion:105 Resp: 944117

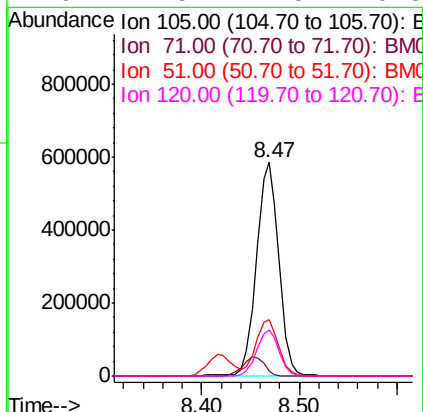
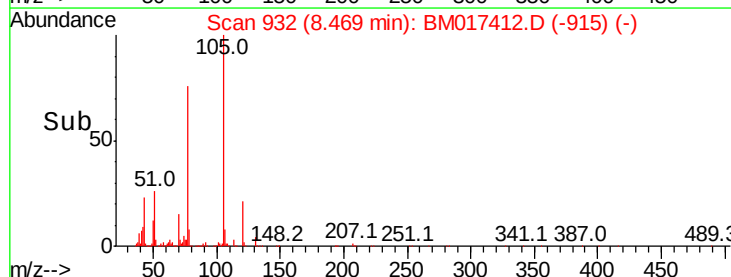
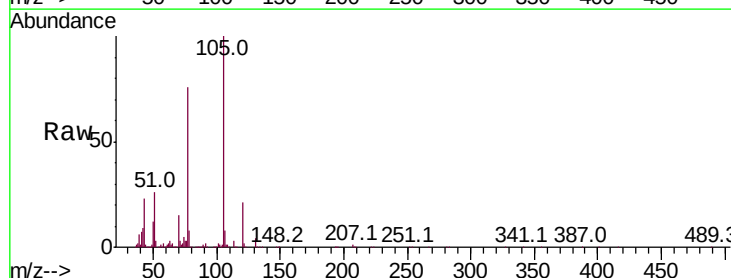
Ion Ratio Lower Upper

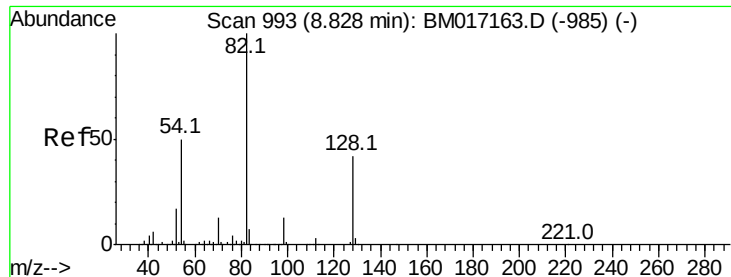
105 100

71 2.6 2.0 3.0

51 26.3 20.6 31.0

120 21.5 17.5 26.3





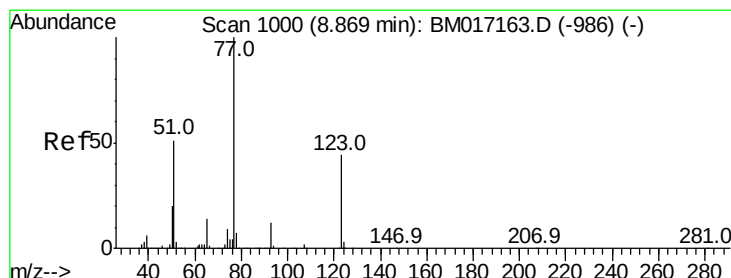
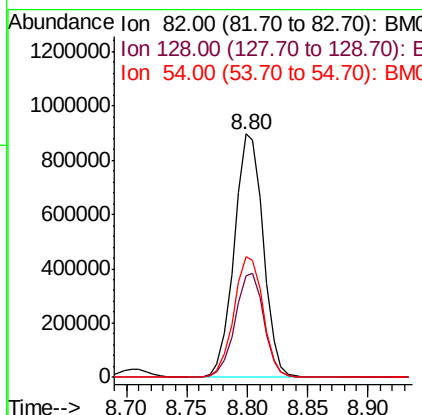
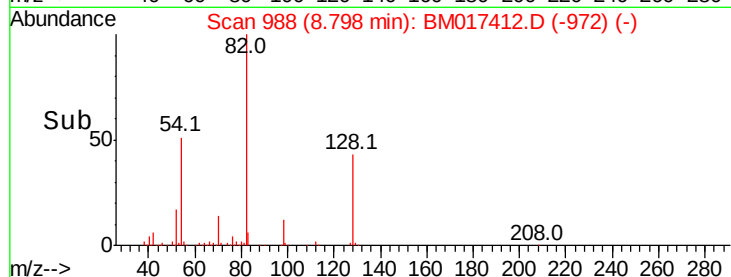
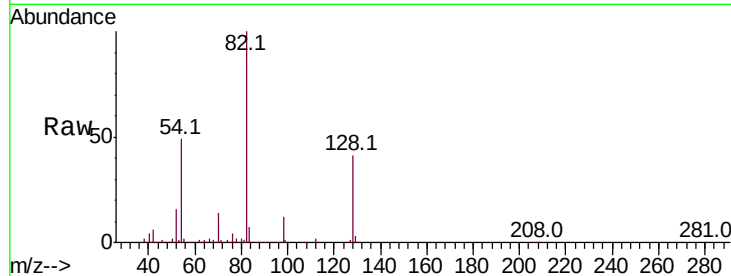
#23  
 Nitrobenzene-d5  
 Concen: 72.036 ng  
 RT: 8.80 min Scan# 988  
 Delta R.T. -0.01 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.5  | 37.0  | 55.6  |
| 54      | 49.5  | 40.7  | 61.1  |

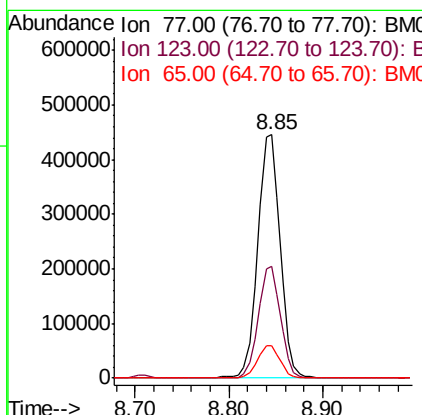
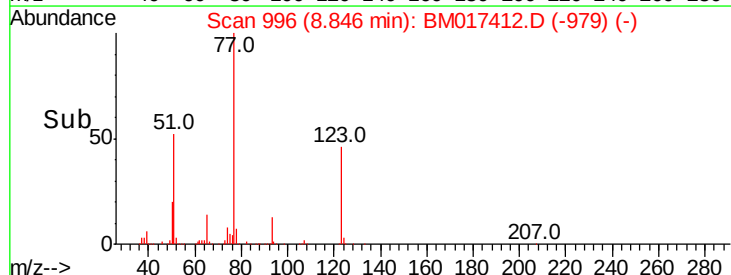
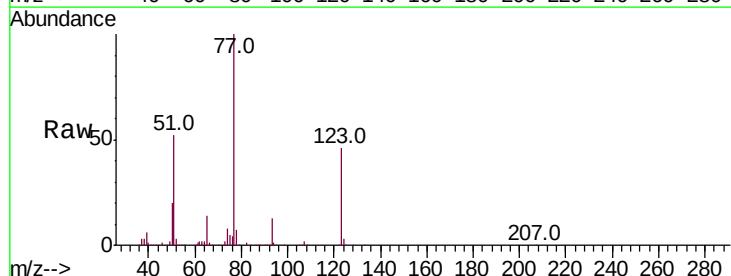
Manual Integrations  
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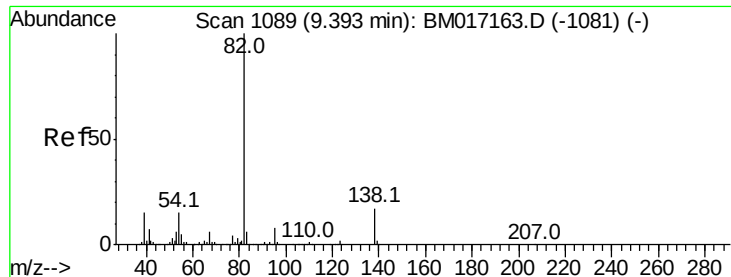


#24  
 Nitrobenzene  
 Concen: 33.081 ng  
 RT: 8.85 min Scan# 996  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 45.7  | 40.2  | 60.4  |
| 65      | 13.6  | 11.4  | 17.0  |







#25

Isophorone

Concen: 39.224 ng

RT: 9.36 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleId :

PB114250BS

Tot Ion: 82 Resp: 1352592

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

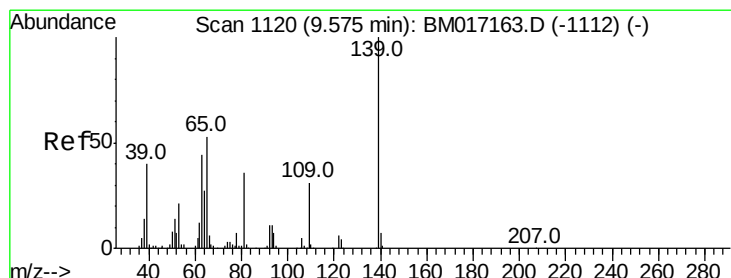
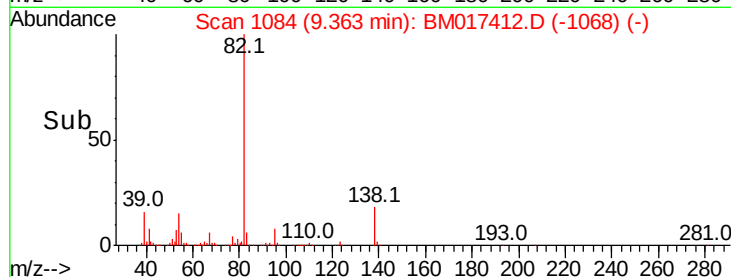
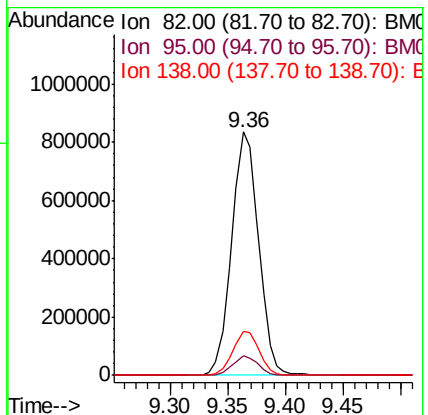
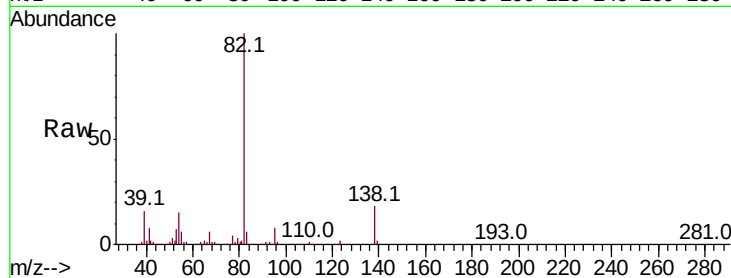
138 17.9 15.4 23.2

Manual Integrations

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#26

2-Nitrophenol

Concen: 36.599 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

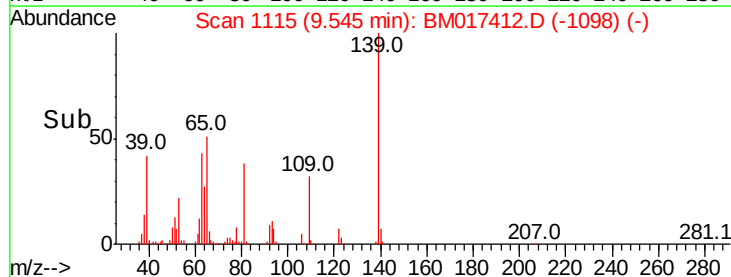
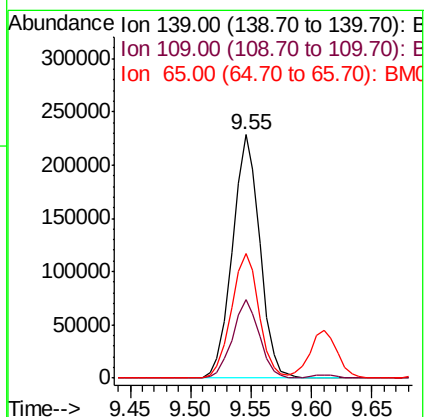
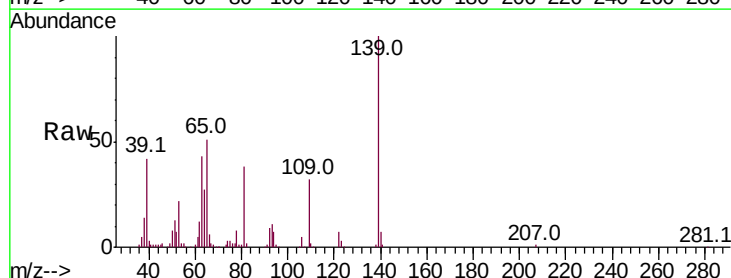
Tgt Ion: 139 Resp: 362473

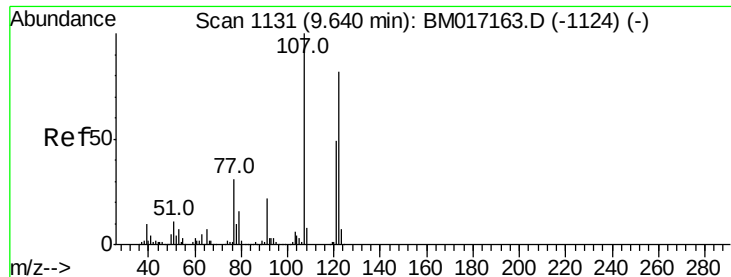
Ion Ratio Lower Upper

139 100

109 32.3 23.2 34.8

65 51.3 40.6 61.0





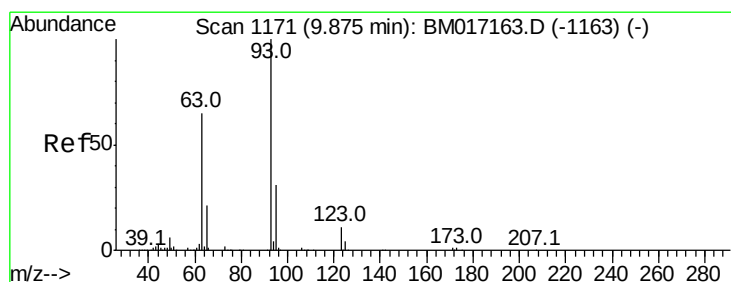
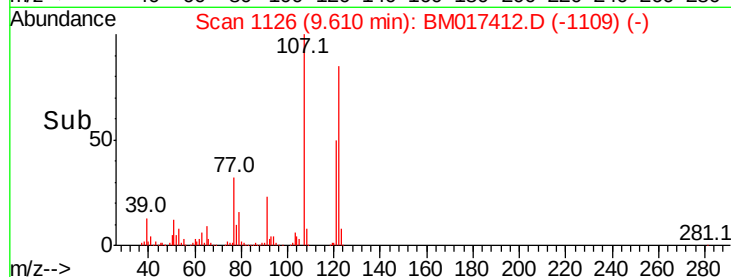
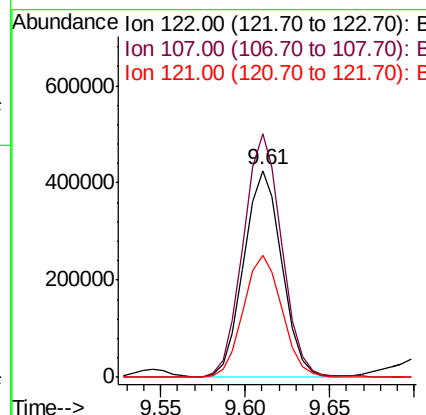
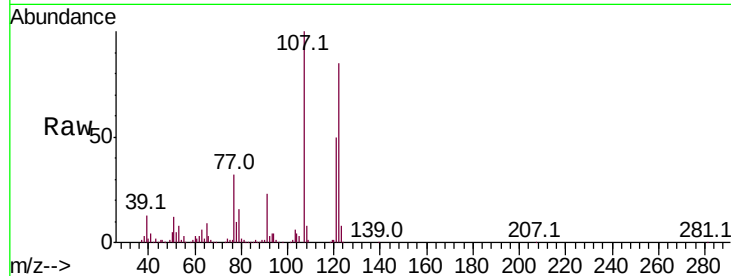
#27  
2,4-Dimethylphenol  
Concen: 43.505 ng  
RT: 9.61 min Scan# 1126  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 663377 |       |       |
| 107     | 117.7 | 95.0   | 142.6 |       |
| 121     | 59.2  | 48.2   | 72.4  |       |

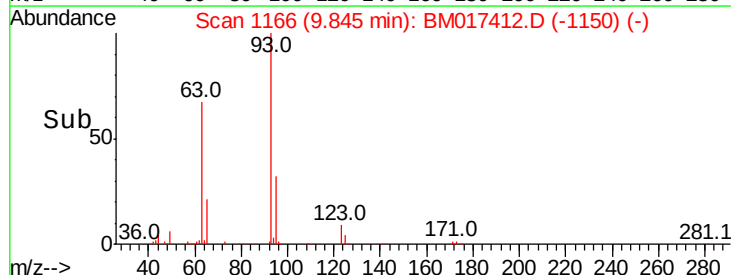
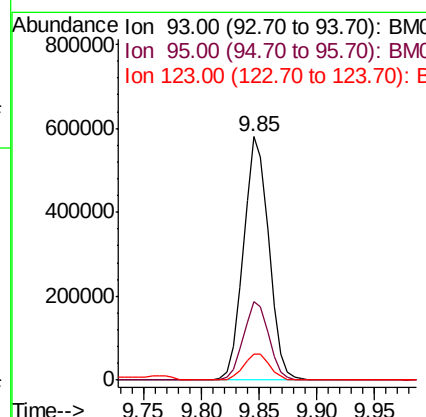
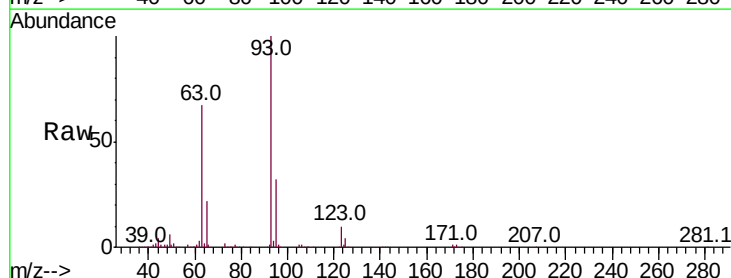
Manual Integrations  
APPROVED

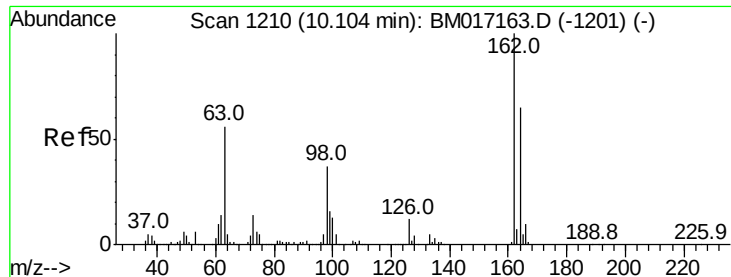
Sohil  
10/30/2018 4:43:07 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.354 ng  
RT: 9.85 min Scan# 1166  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 882371 |       |       |
| 95      | 32.5  | 25.7   | 38.5  |       |
| 123     | 10.4  | 9.4    | 14.0  |       |





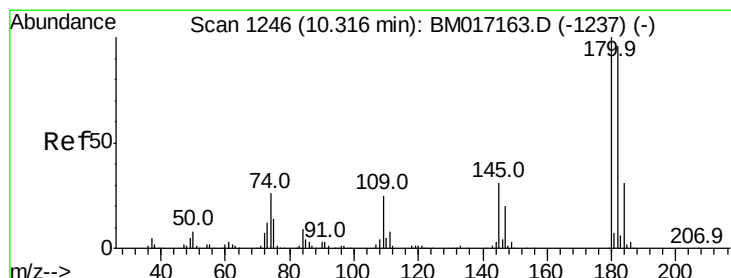
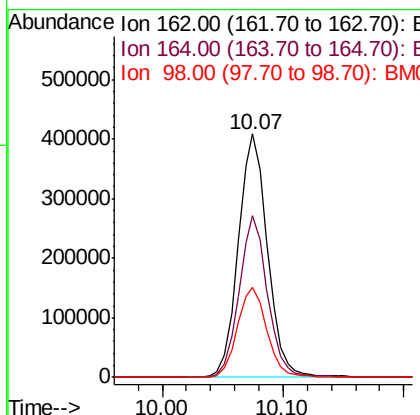
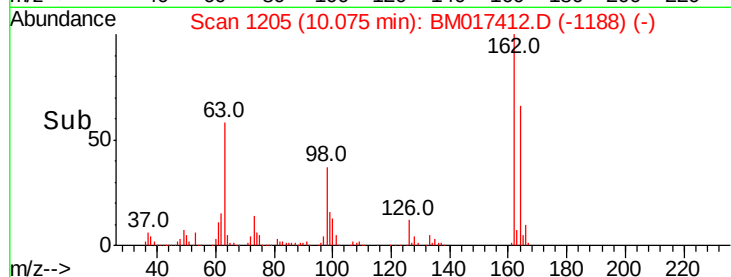
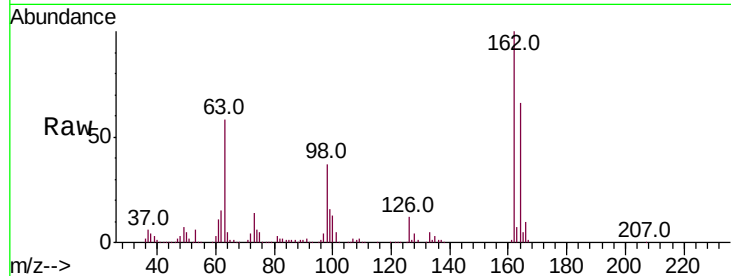
#29  
2,4-Dichlorophenol  
Concen: 38.896 ng  
RT: 10.07 min Scan# 1205  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampled :  
PB114250BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 688627 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 66.2  | 44.9  | 84.9   |
| 98        | 37.2  | 15.8  | 55.8   |

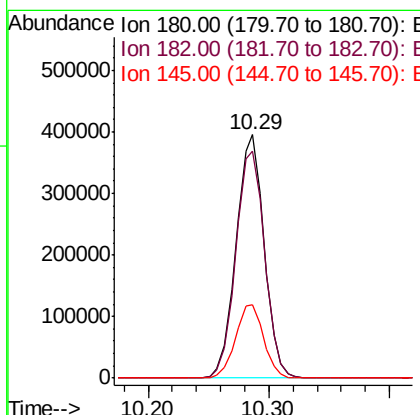
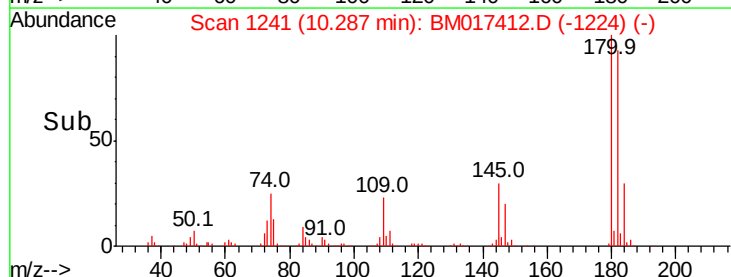
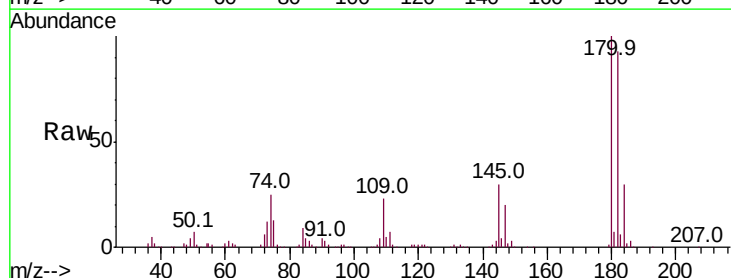
Manual Integrations  
APPROVED

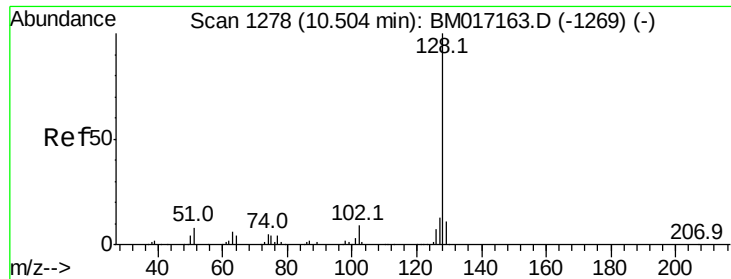
Sohil  
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#30  
1,2,4-Trichlorobenzene  
Concen: 30.154 ng  
RT: 10.29 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 640408 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.2  | 77.5  | 116.3  |
| 145       | 30.0  | 24.0  | 36.0   |





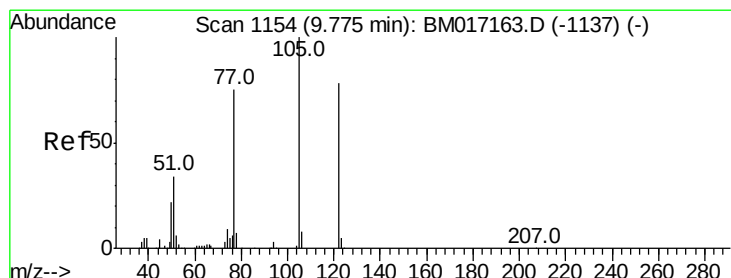
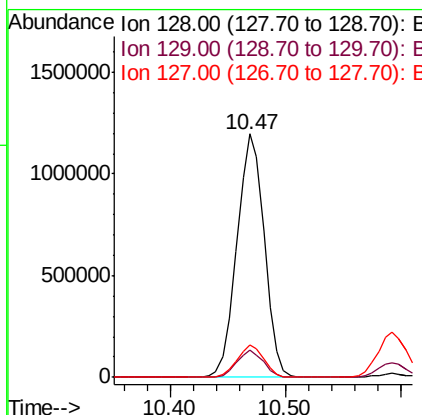
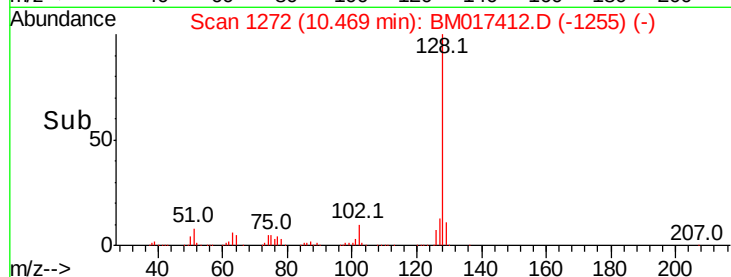
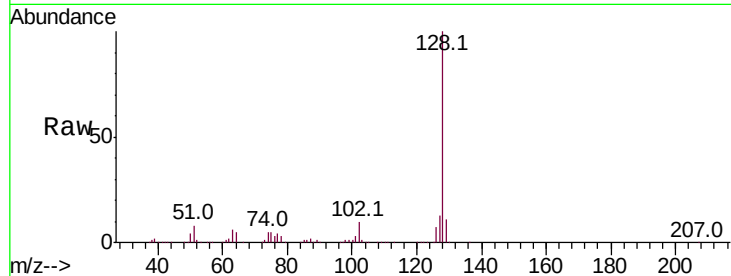
#31  
Naphthalene  
Concen: 32.724 ng  
RT: 10.47 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

Tot Ion:128 Resp: 1958660  
Ion Ratio Lower Upper  
128 100  
129 11.2 8.5 12.7  
127 13.1 10.3 15.5

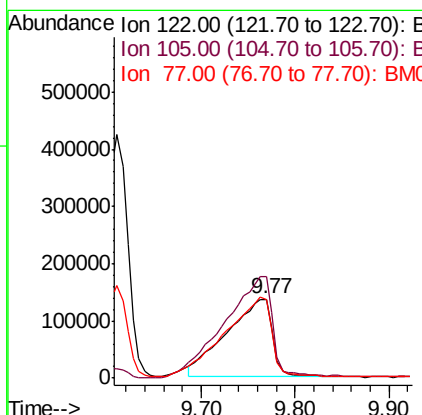
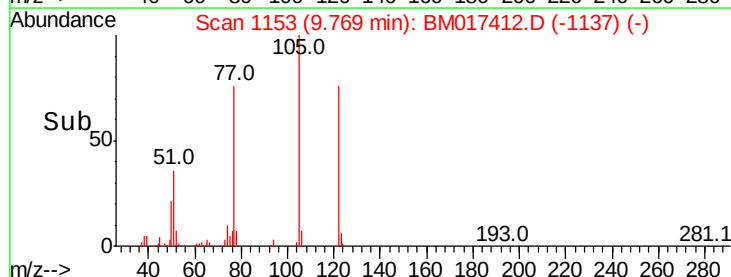
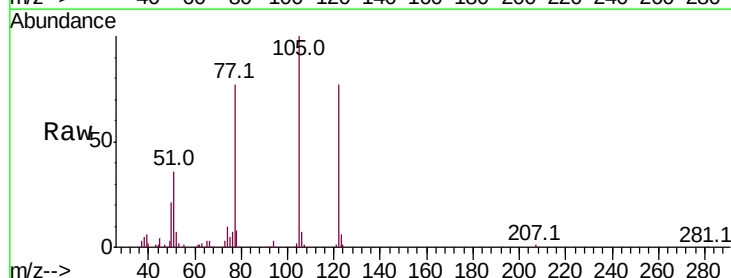
Manual Integrations  
APPROVED

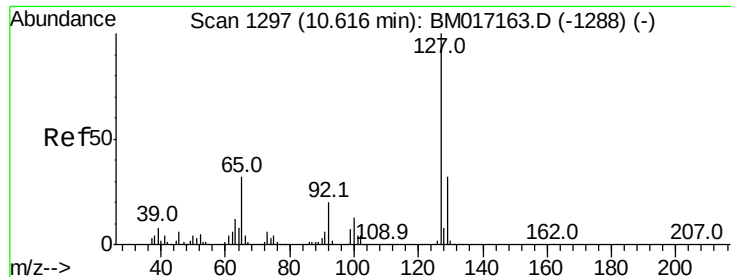
Sohil  
10/30/2018 4:43:07 PM



#32  
Benzoic acid  
Concen: 40.096 ng  
RT: 9.77 min Scan# 1153  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Tgt Ion:122 Resp: 456179  
Ion Ratio Lower Upper  
122 100  
105 129.3 102.0 142.0  
77 99.1 67.7 107.7





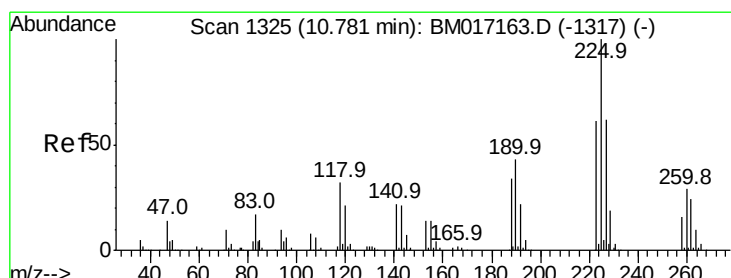
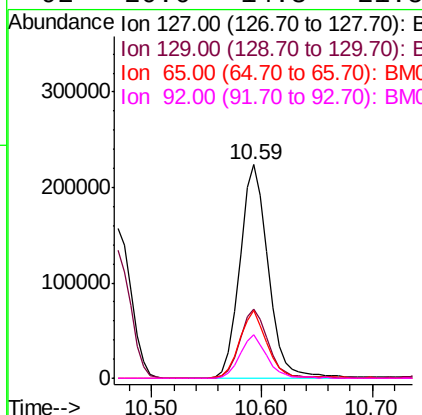
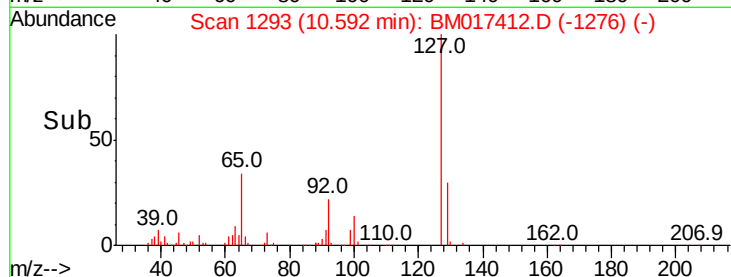
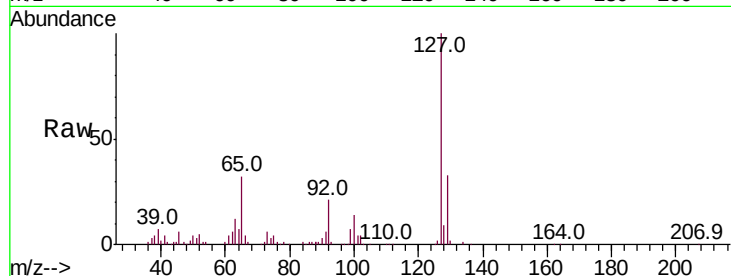
#33  
4-Chloroaniline  
Concen: 15.659 ng  
RT: 10.59 min Scan# 1293  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.6  | 26.2  | 39.4  |
| 65      | 31.5  | 23.7  | 35.5  |
| 92      | 20.6  | 14.3  | 21.5  |

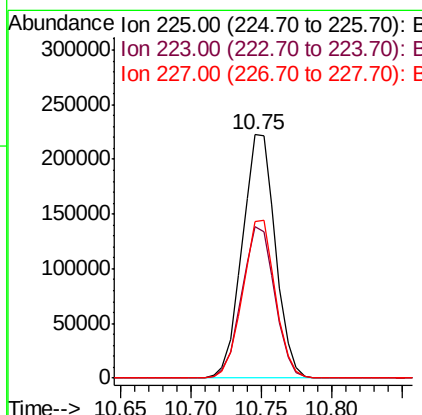
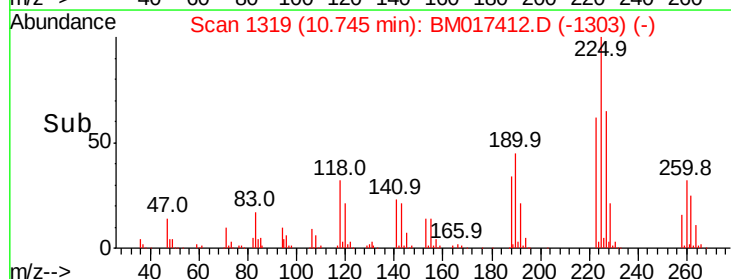
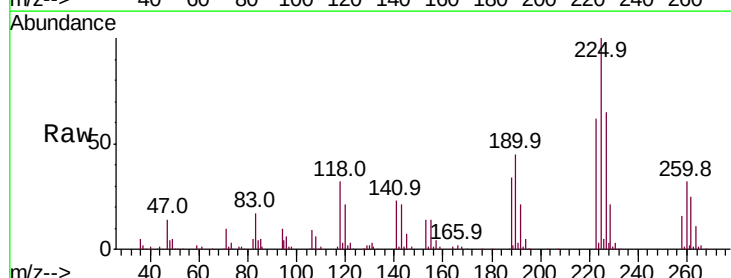
Manual Integrations  
APPROVED

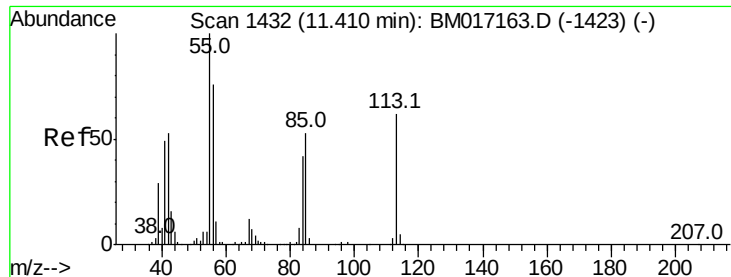
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 27.156 ng  
RT: 10.75 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.4  | 51.0  | 76.6  |
| 227     | 64.5  | 50.8  | 76.2  |





#35

Caprolactam

Concen: 33.146 ng/ml

RT: 11.39 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleID :

PB114250BS

Tot Ion:113 Resp: 213860

Ion Ratio Lower Upper

113 100

55 156.1 147.0 187.0

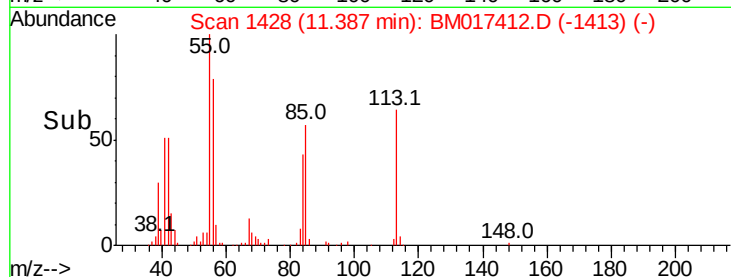
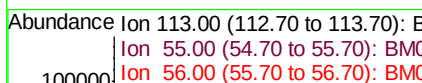
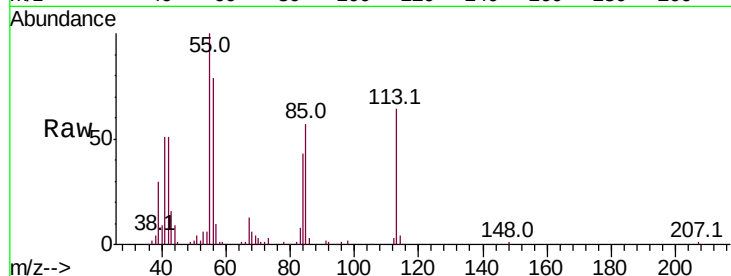
56 122.9 104.5 144.5

Manual Integrations

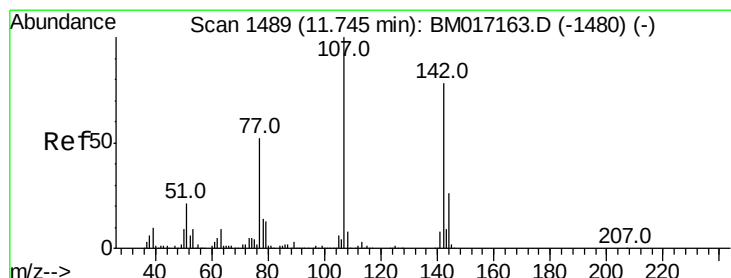
APPROVED

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Time-->



#36

4-Chloro-3-methylphenol

Concen: 36.188 ng/ml

RT: 11.72 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

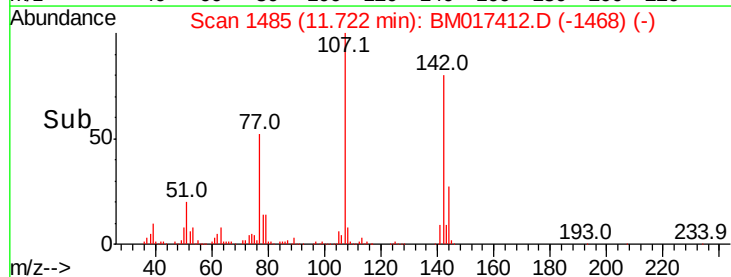
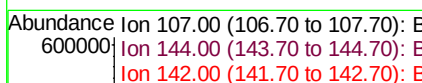
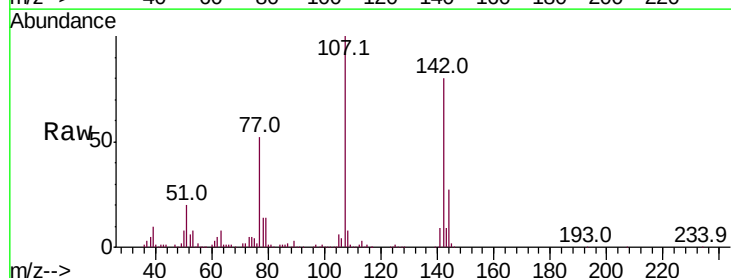
Tgt Ion:107 Resp: 722179

Ion Ratio Lower Upper

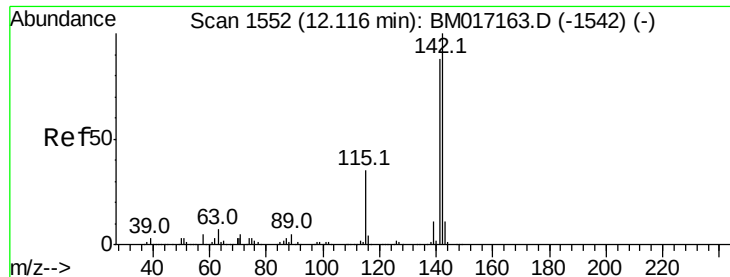
107 100

144 26.8 21.6 32.4

142 80.0 66.0 99.0



Time-->



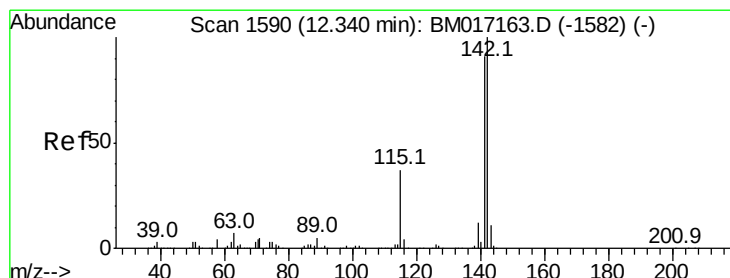
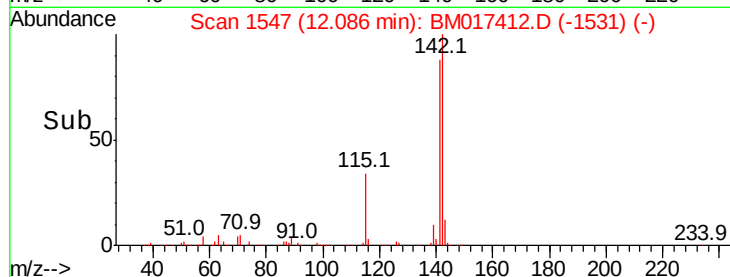
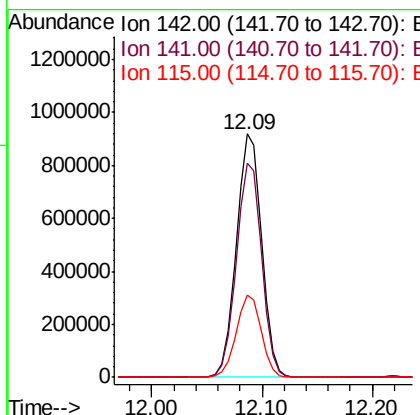
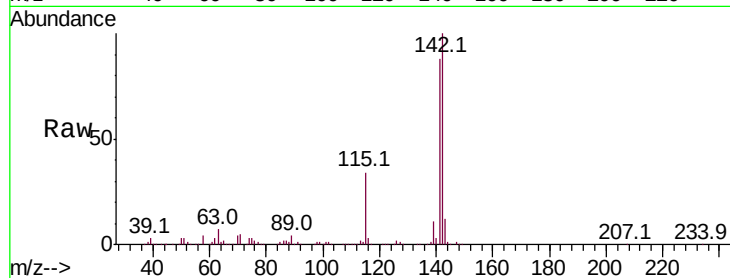
#37  
2-Methylnaphthalene  
Concen: 36.106 ng  
RT: 12.09 min Scan# 1547  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 70.9  | 106.3 |
| 115     | 33.7  | 26.4  | 39.6  |

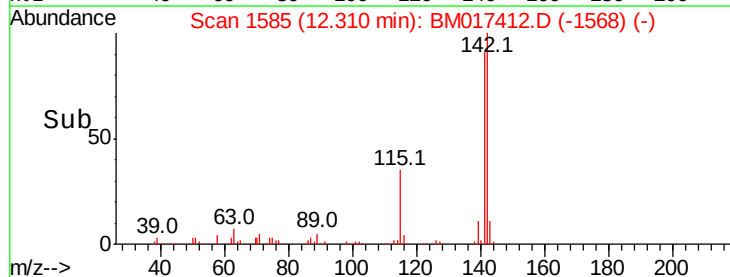
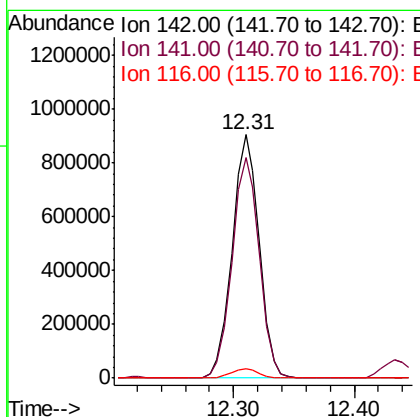
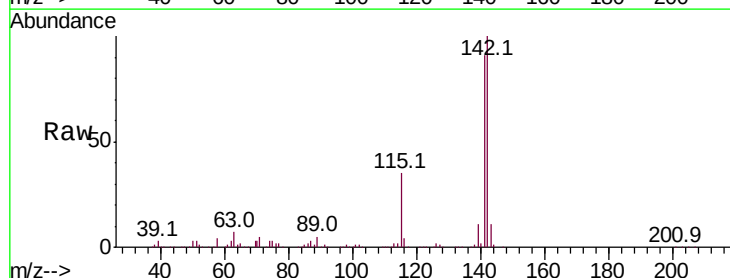
Manual Integrations  
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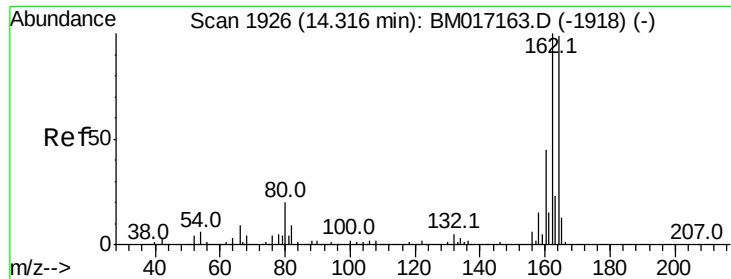
Sohil  
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#38  
1-Methylnaphthalene  
Concen: 35.077 ng  
RT: 12.31 min Scan# 1585  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 73.8  | 110.6 |
| 116     | 3.8   | 2.9   | 4.3   |





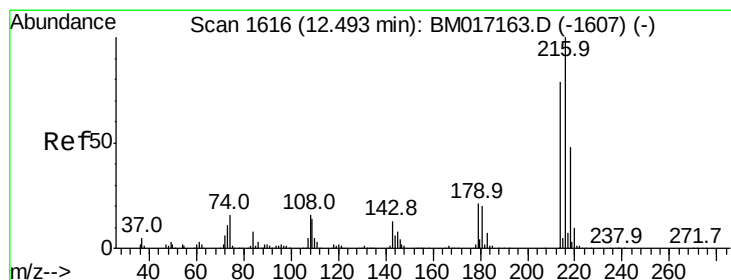
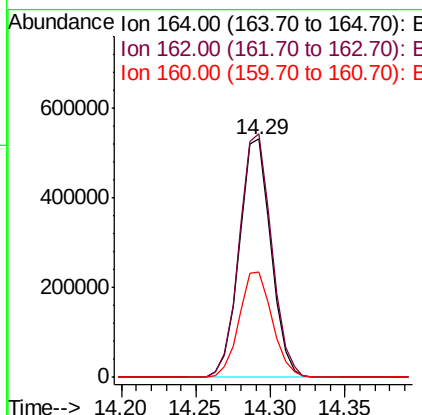
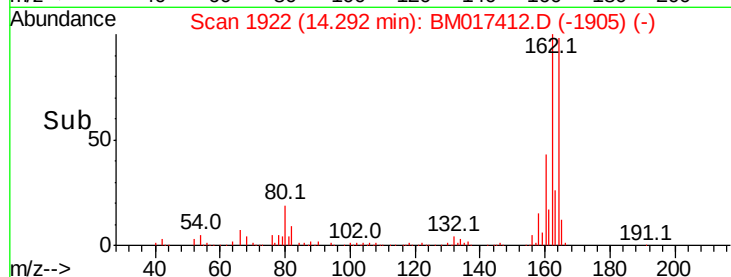
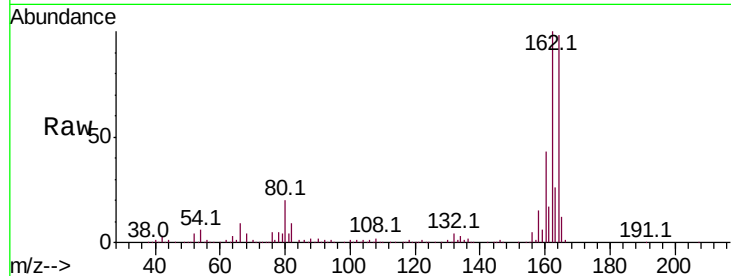
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.29 min Scan# 1922  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.3 | 82.1  | 123.1 |
| 160     | 44.1  | 40.2  | 60.2  |

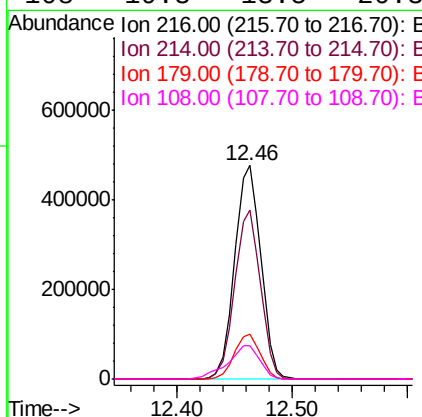
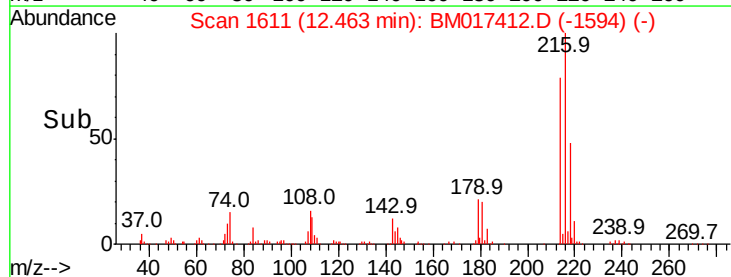
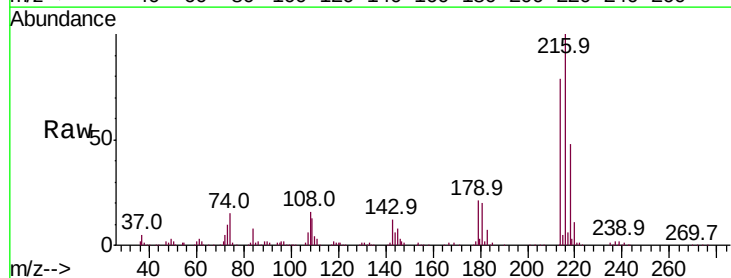
Manual Integrations  
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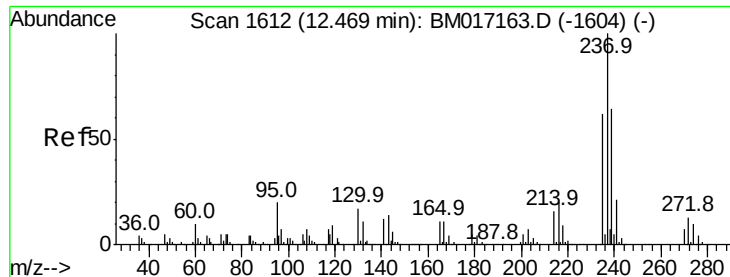


#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 27.210 ng  
RT: 12.46 min Scan# 1611  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.8  | 62.6  | 93.8  |
| 179     | 20.9  | 16.6  | 24.8  |
| 108     | 19.3  | 13.5  | 20.3  |







#41

Hexachlorocyclopentadiene

Concen: 68.718 ng

RT: 12.43 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

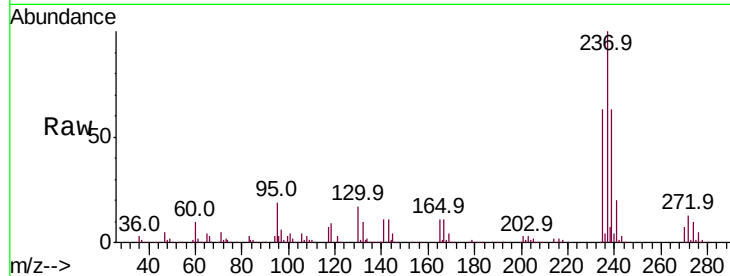
ClientSampleId :

PB114250BS

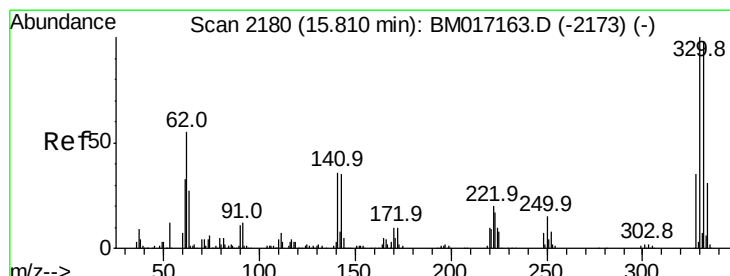
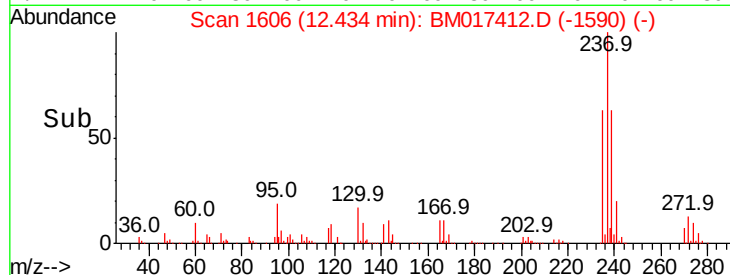
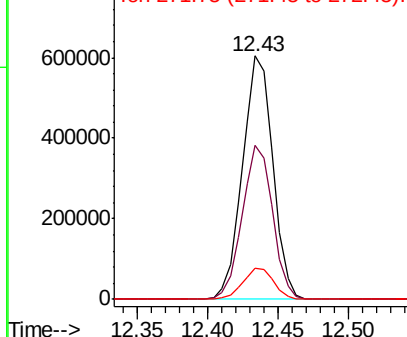
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 912390 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.3  | 42.4  | 82.4   |
| 272       | 12.9  | 0.0   | 33.0   |

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



#42

2,4,6-Tribromophenol

Concen: 75.114 ng

RT: 15.79 min Scan# 2176

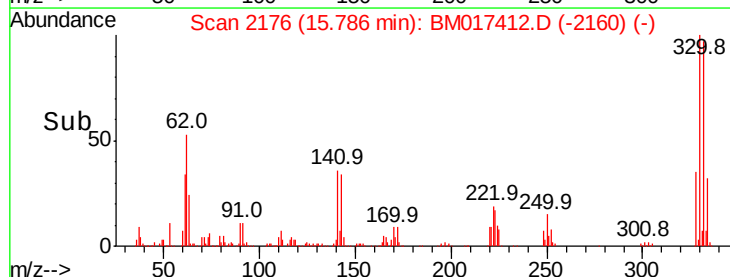
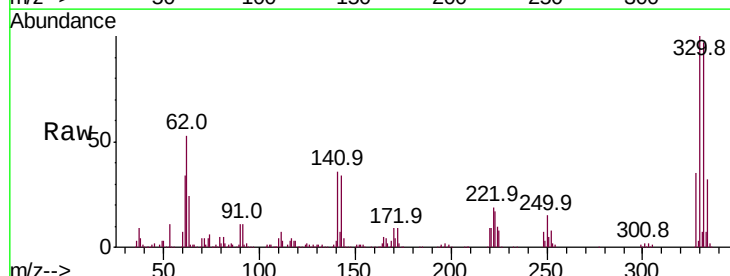
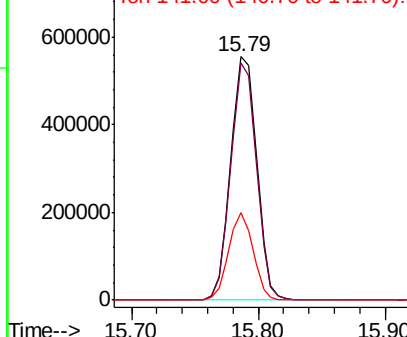
Delta R.T. -0.01 min

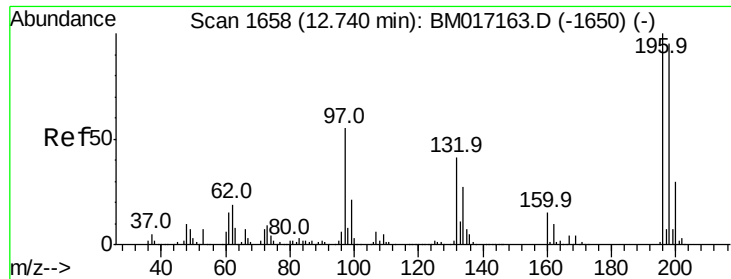
Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 792205 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.7  | 77.3  | 115.9  |
| 141       | 33.9  | 27.4  | 41.0   |

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





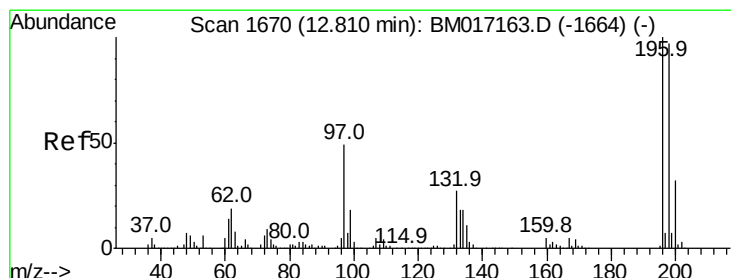
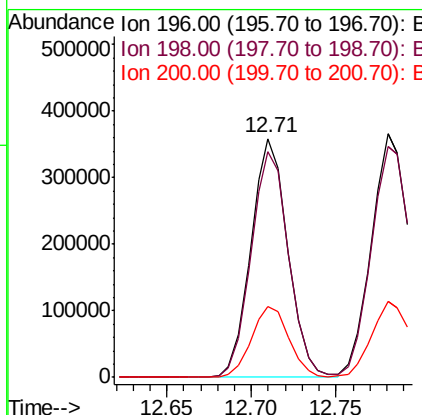
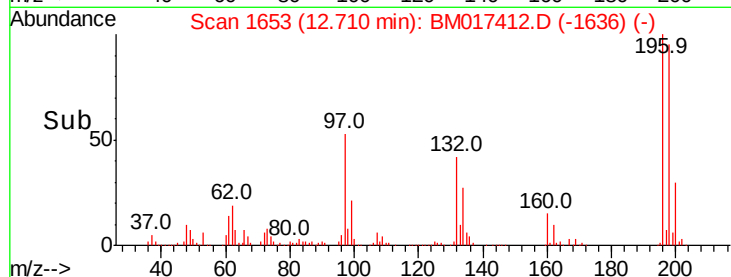
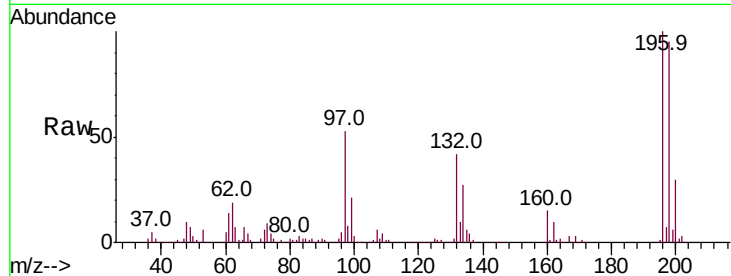
#43  
 2,4,6-Trichlorophenol  
 Concen: 34.121 ng  
 RT: 12.71 min Scan# 1653  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 543997 |       |       |
| 198     | 94.6  | 77.1   | 115.7 |       |
| 200     | 29.9  | 25.0   | 37.4  |       |

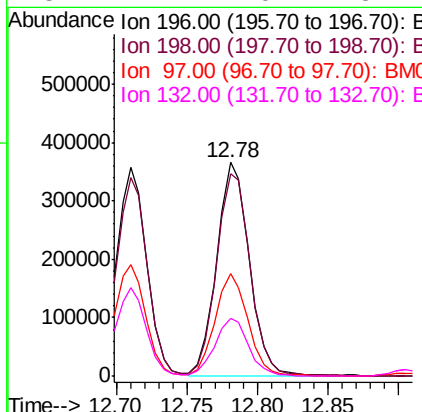
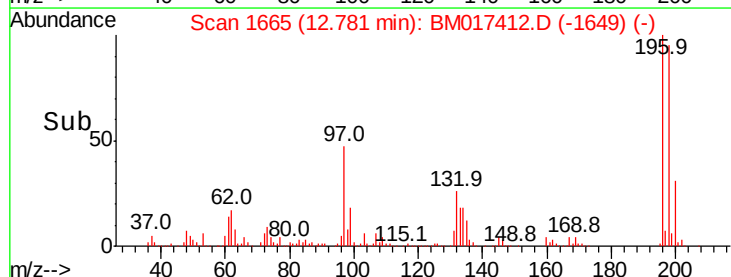
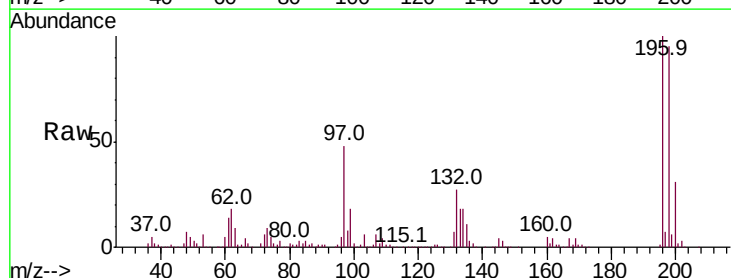
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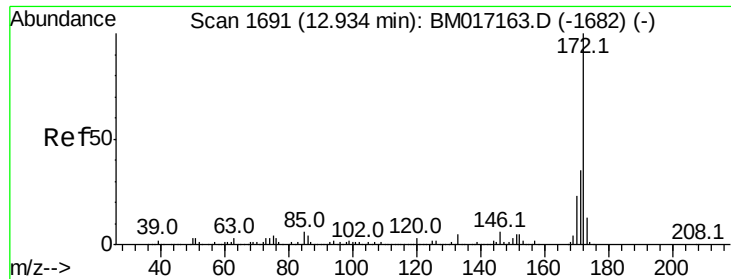
Sohil  
 10/30/2018 4:43:07 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 34.206 ng  
 RT: 12.78 min Scan# 1665  
 Delta R.T. -0.01 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 584793 |       |       |
| 198     | 94.7  | 76.6   | 115.0 |       |
| 97      | 47.7  | 35.5   | 53.3  |       |
| 132     | 27.2  | 20.7   | 31.1  |       |





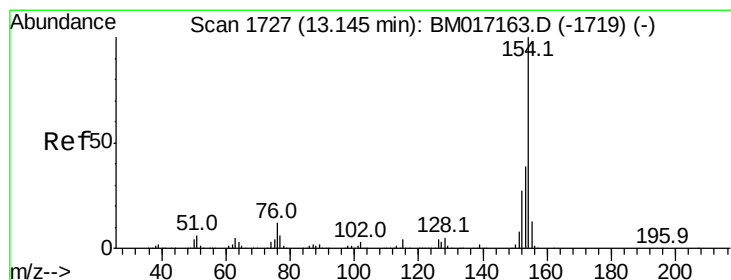
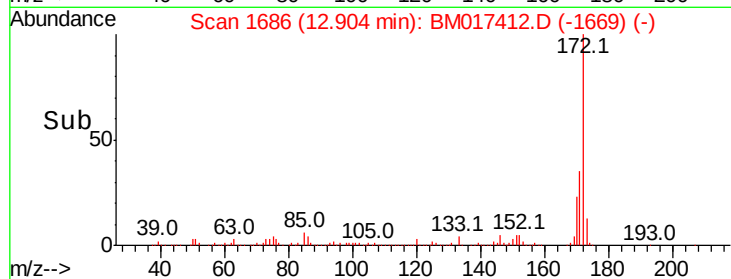
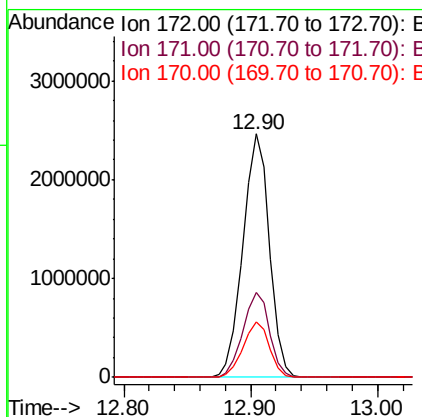
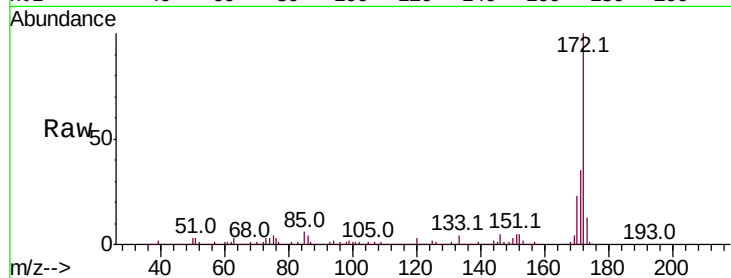
#45  
2-Fluorobiphenyl  
Concen: 60.858 ng  
RT: 12.90 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.0  | 28.3  | 42.5  |
| 170     | 22.6  | 18.3  | 27.5  |

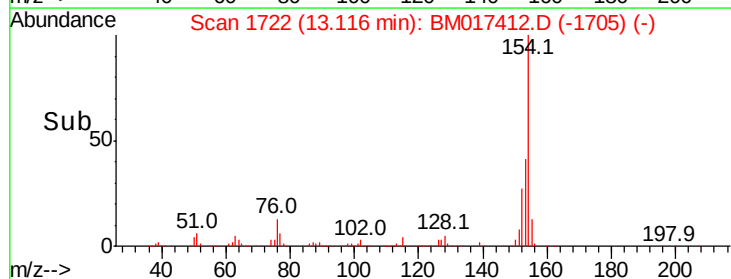
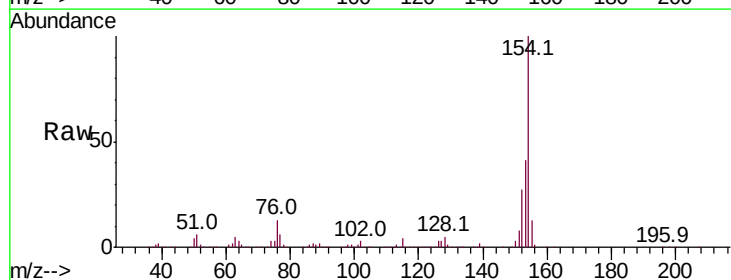
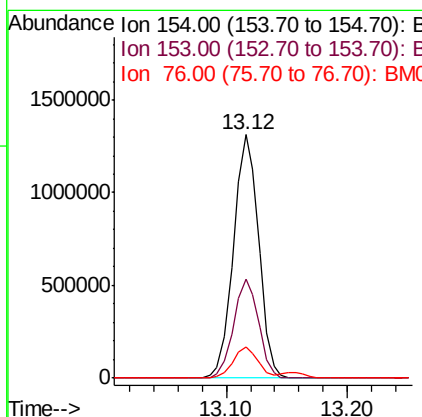
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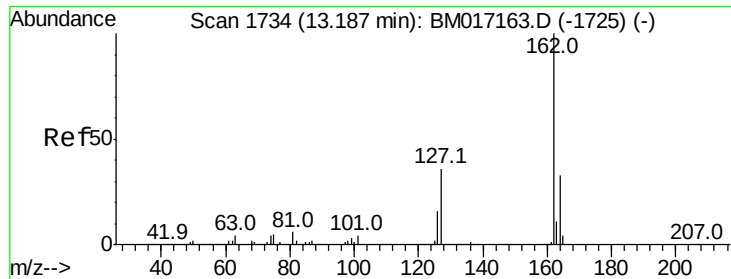
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#46  
1,1'-Biphenyl  
Concen: 27.162 ng  
RT: 13.12 min Scan# 1722  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.6  | 20.5  | 60.5  |
| 76      | 12.9  | 0.0   | 31.8  |





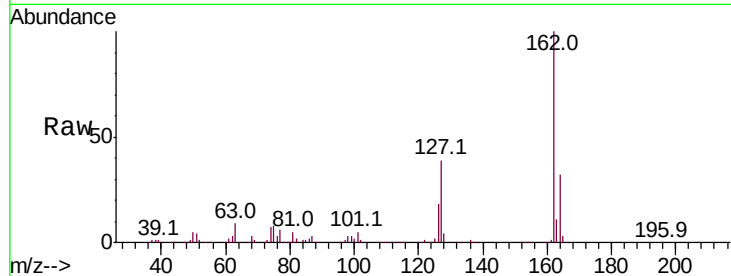
#47  
 2-Chloronaphthalene  
 Concen: 28.645 ng  
 RT: 13.16 min Scan# 1729  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.2  | 31.0  | 46.4  |
| 164     | 32.2  | 26.6  | 39.8  |

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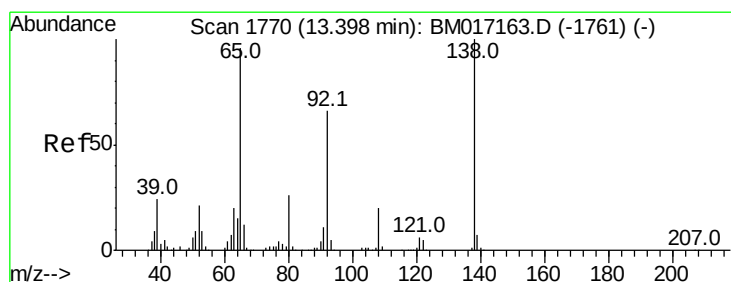
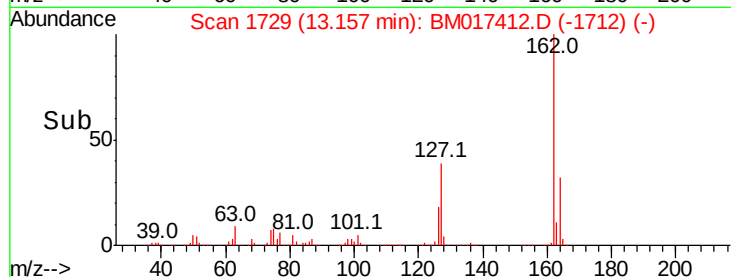
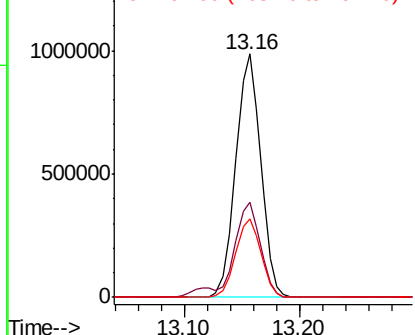


Abundance

Ion 162.00 (161.70 to 162.70): E

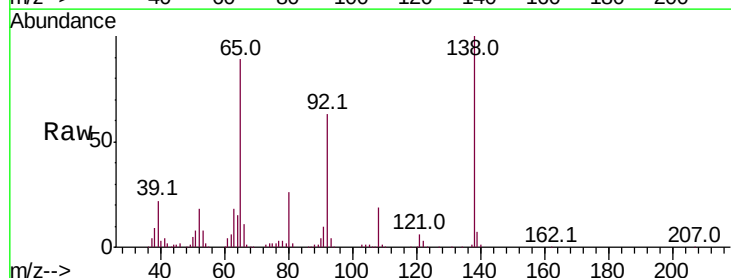
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48  
 2-Nitroaniline  
 Concen: 33.630 ng  
 RT: 13.37 min Scan# 1766  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.1  | 54.9  | 82.3  |
| 138     | 112.8 | 83.7  | 125.5 |

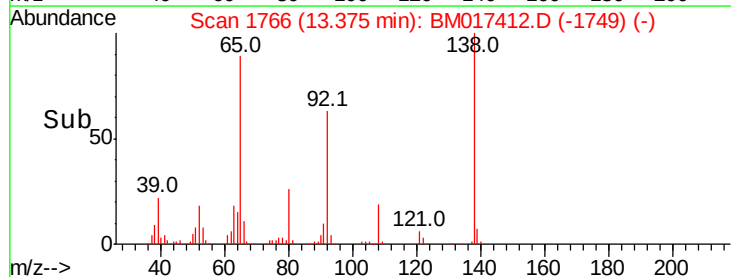
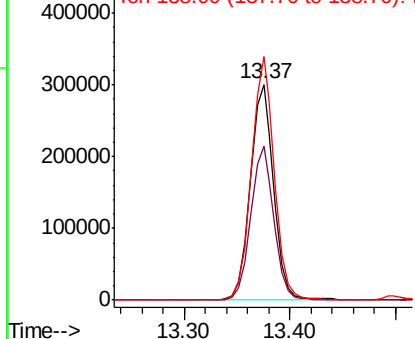


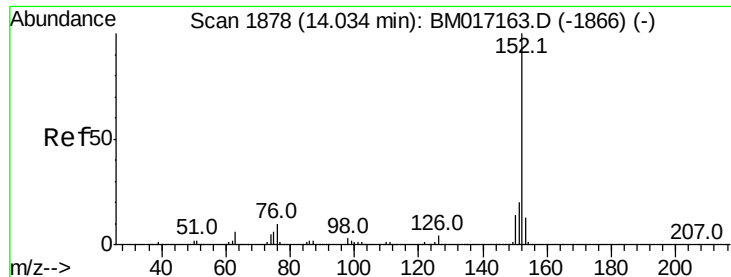
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.191 ng

RT: 14.01 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleId :

PB114250BS

Tot Ion:152 Resp: 2633573

Ion Ratio Lower Upper

152 100

151 19.5 16.0 24.0

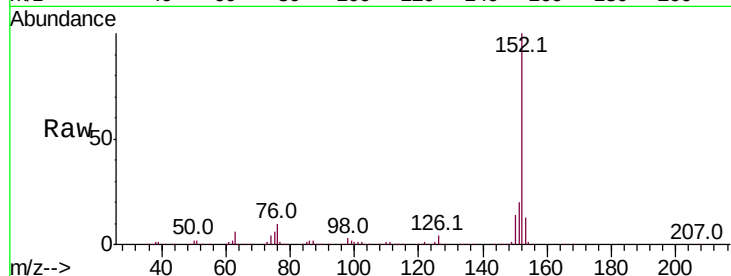
153 13.2 10.4 15.6

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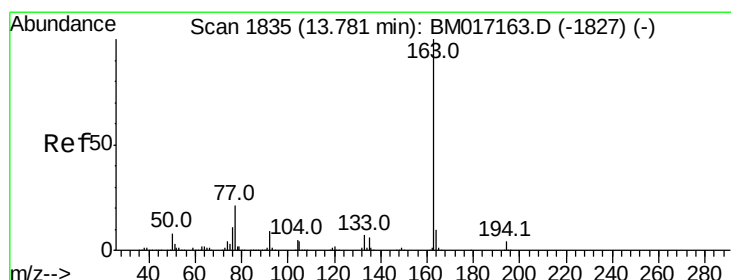
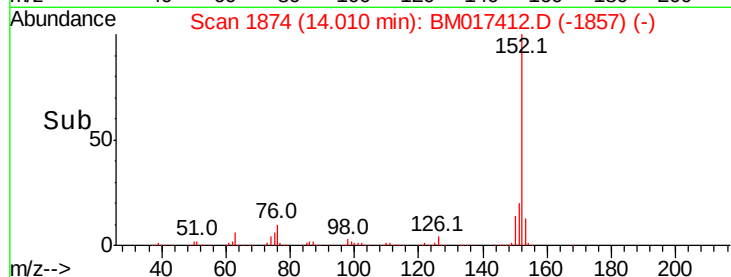
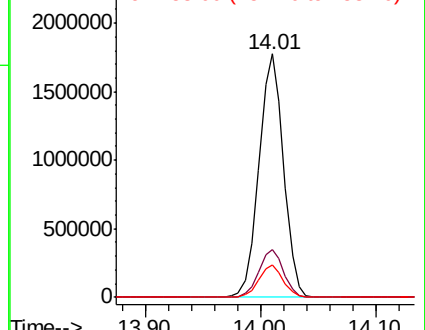
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 33.469 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

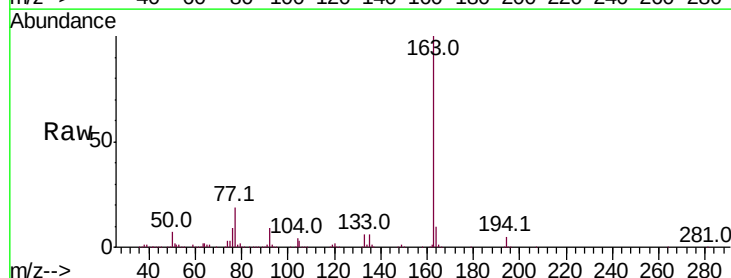
Tgt Ion:163 Resp: 2013760

Ion Ratio Lower Upper

163 100

194 4.5 3.3 4.9

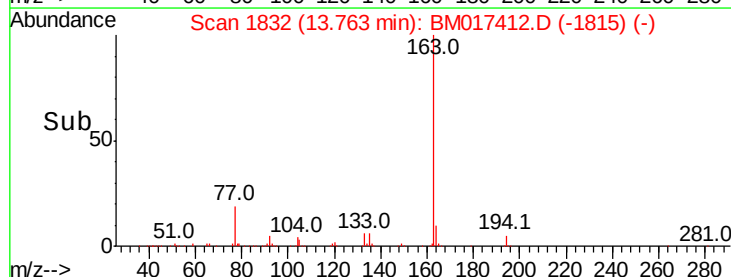
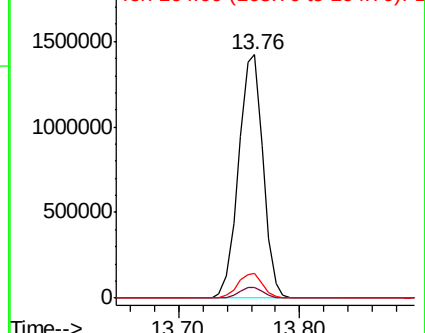
164 10.0 7.8 11.8

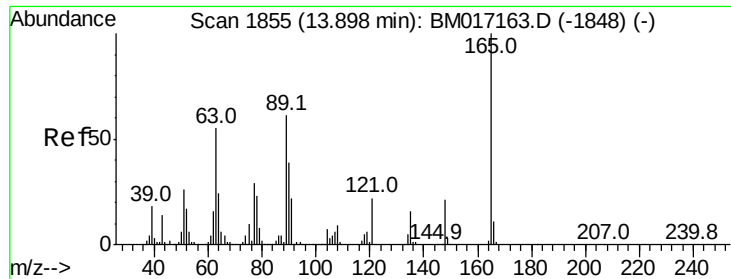


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





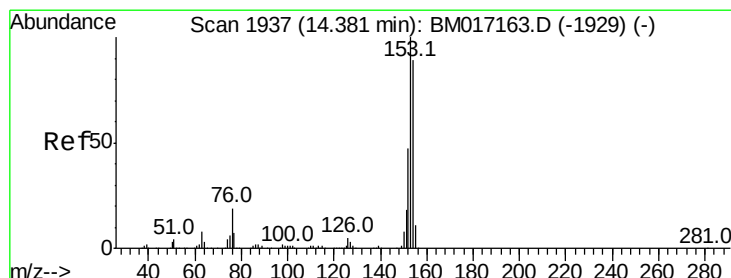
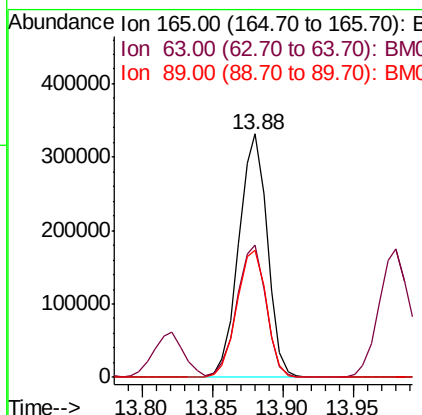
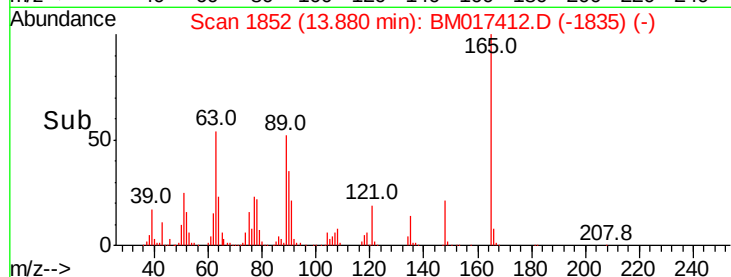
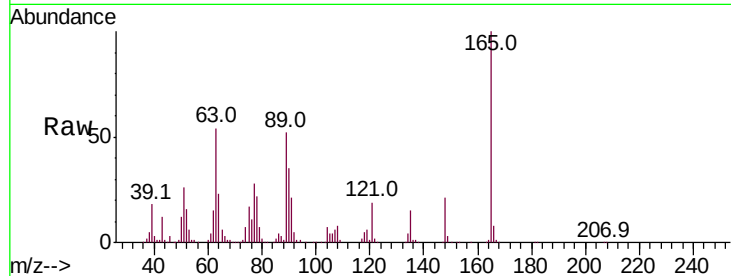
#51  
2,6-Dinitrotoluene  
Concen: 35.320 ng  
RT: 13.88 min Scan# 1852  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 467725 |       |       |
| 63      | 54.5  | 42.7   | 64.1  |       |
| 89      | 52.3  | 42.1   | 63.1  |       |

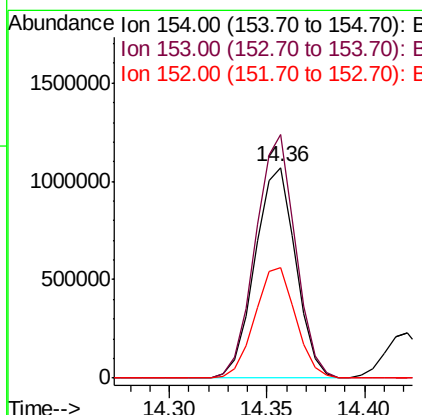
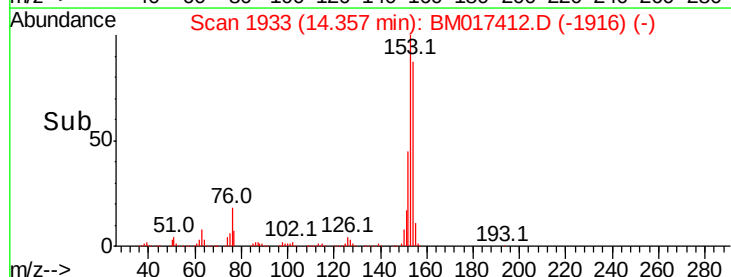
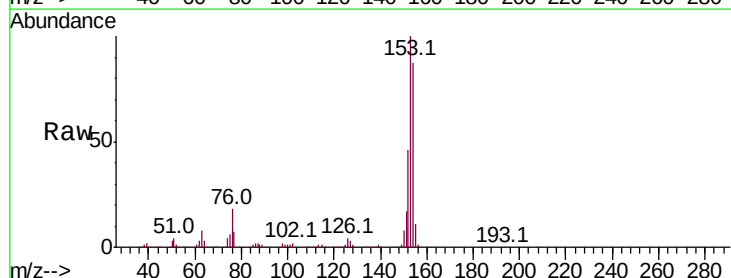
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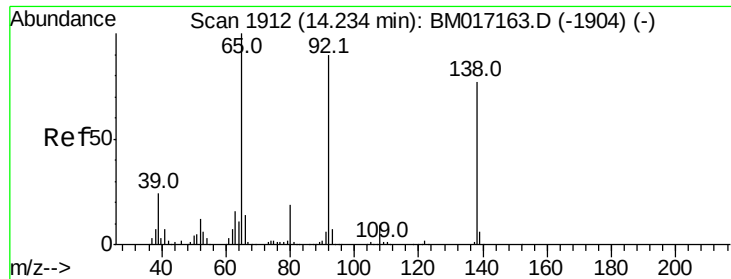
Sohil  
10/30/2018 4:43:07 PM



#52  
Acenaphthene  
Concen: 32.891 ng  
RT: 14.36 min Scan# 1933  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 154     | 100   | 1545478 |       |       |
| 153     | 115.5 | 90.2    | 135.2 |       |
| 152     | 52.6  | 44.2    | 66.4  |       |





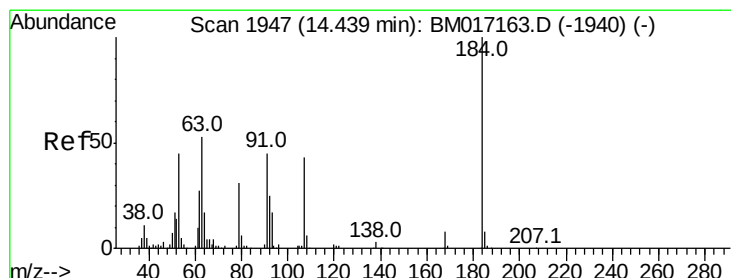
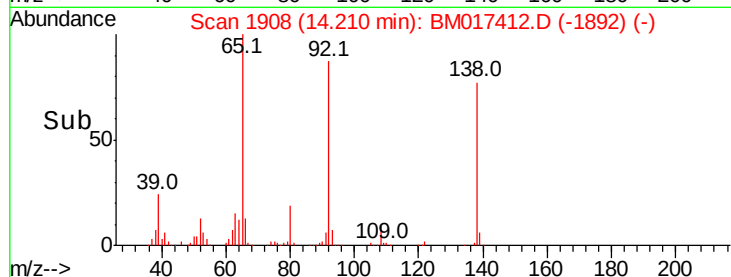
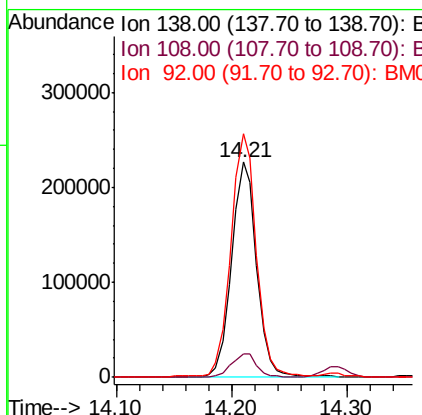
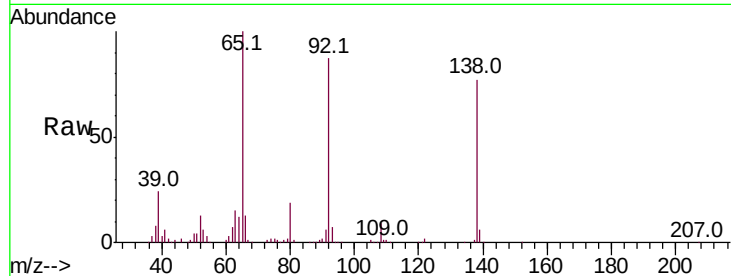
#53  
3-Nitroaniline  
Concen: 23.805 ng  
RT: 14.21 min Scan# 1908  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.2  | 8.7   | 13.1  |
| 92      | 113.2 | 87.9  | 131.9 |

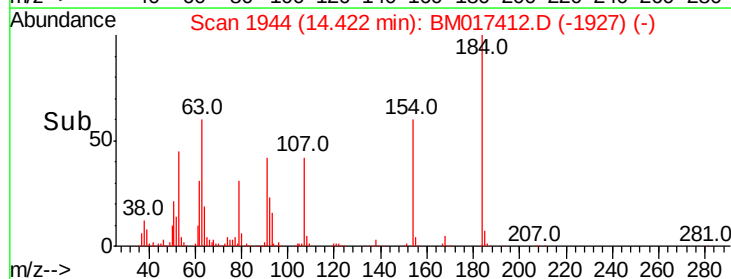
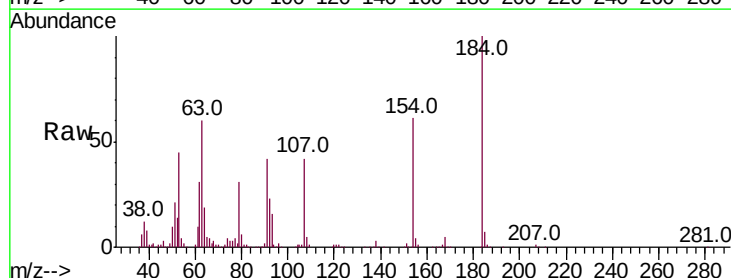
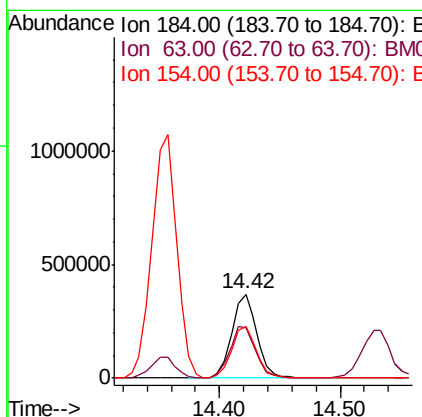
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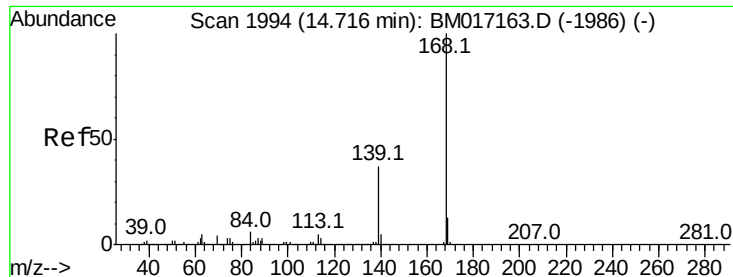
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#54  
2,4-Dinitrophenol  
Concen: 70.233 ng  
RT: 14.42 min Scan# 1944  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 60.0  | 51.2  | 76.8  |
| 154     | 61.4  | 47.8  | 71.8  |





#55

Dibenzofuran

Concen: 32.629 ng

RT: 14.69 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleId :

PB114250BS

Tot Ion:168 Resp: 2549604

Ion Ratio Lower Upper

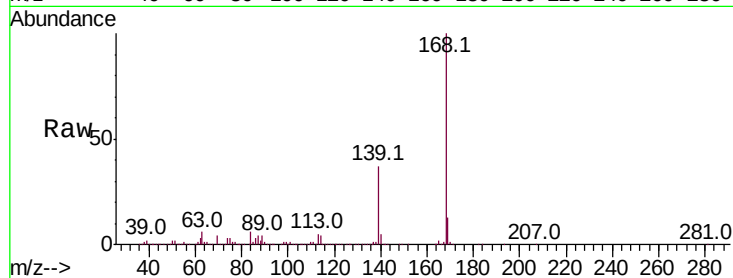
168 100

139 37.2 29.3 43.9

169 13.2 10.6 15.8

Manual Integrations  
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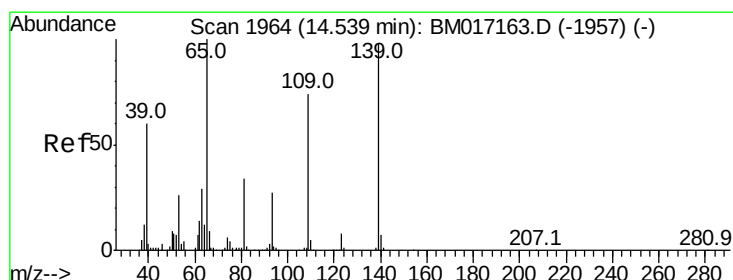
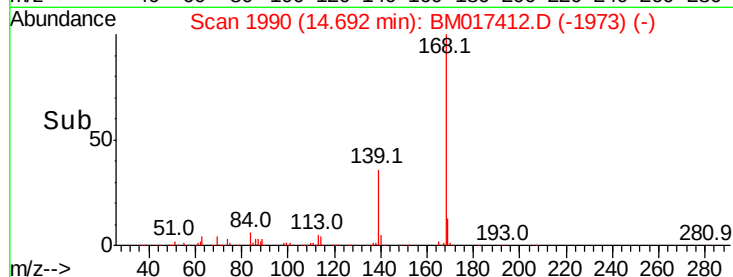
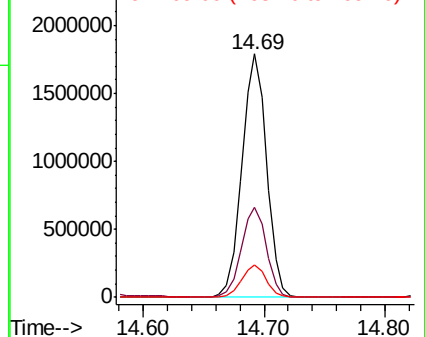


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 90.825 ng

RT: 14.53 min Scan# 1963

Delta R.T. 0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

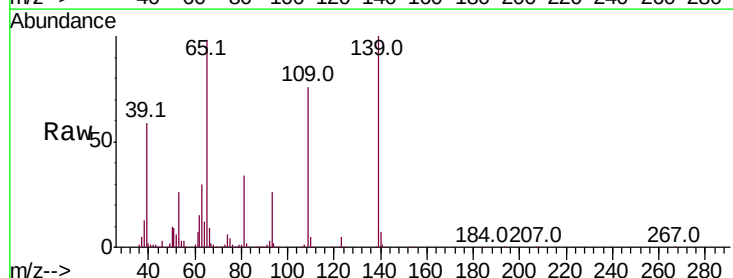
Tgt Ion:139 Resp: 1196091

Ion Ratio Lower Upper

139 100

109 75.6 51.8 91.8

65 97.8 72.1 112.1

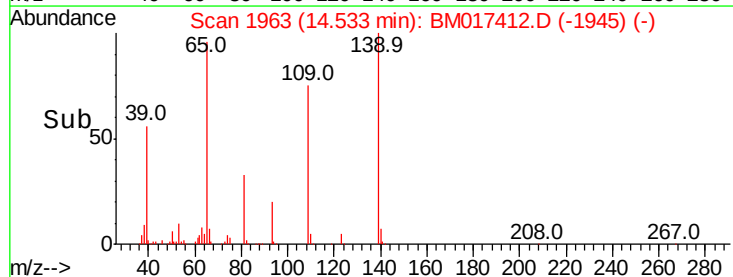
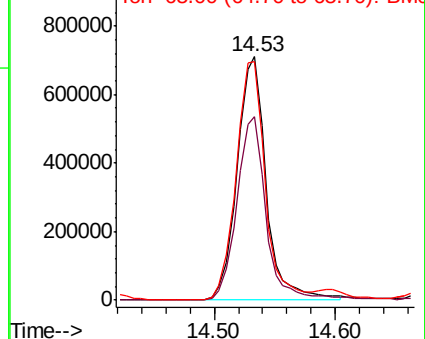


Abundance

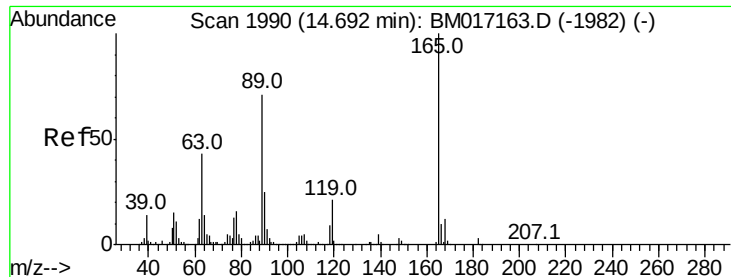
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E







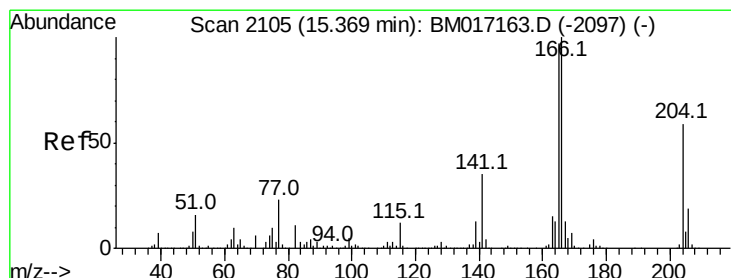
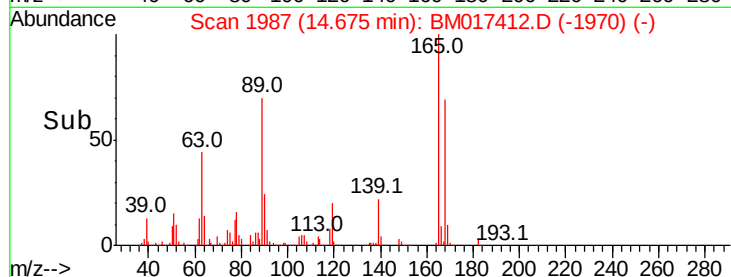
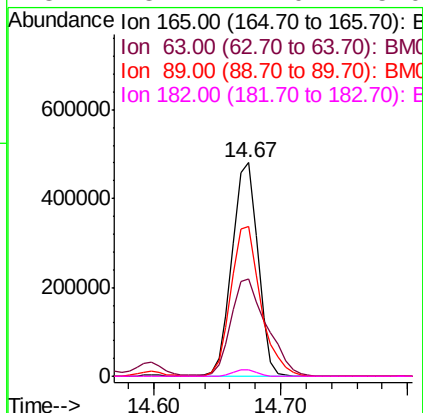
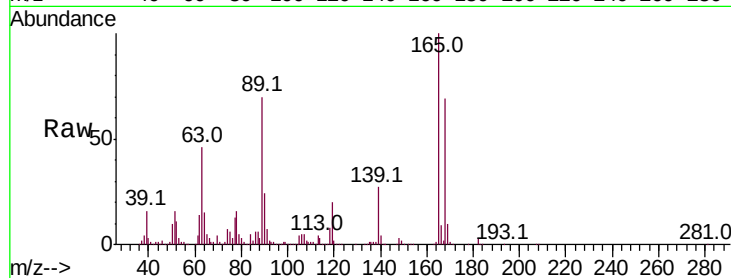
#57  
 2,4-Dinitrotoluene  
 Concen: 38.184 ng  
 RT: 14.67 min Scan# 1987  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 679626 |       |       |
| 63      | 45.8  |        | 33.8  | 50.8  |
| 89      | 70.0  |        | 53.1  | 79.7  |
| 182     | 3.1   |        | 2.0   | 3.0#  |

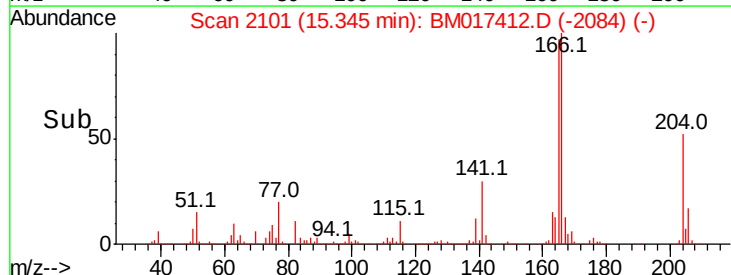
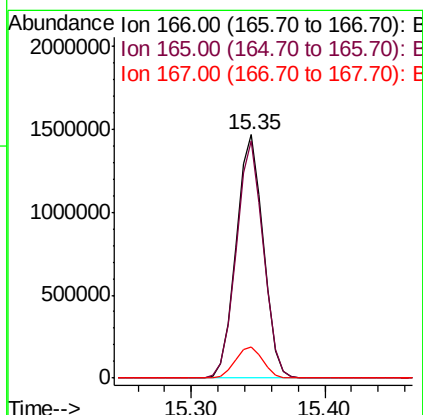
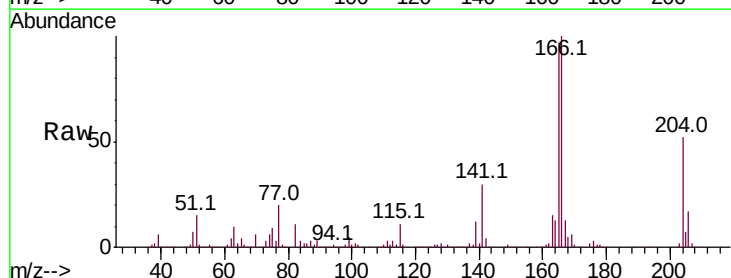
Manual Integrations  
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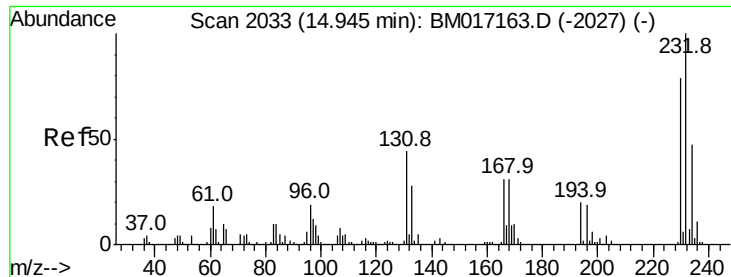
Sohil  
 10/30/2018 4:43:07 PM



#58  
 Fluorene  
 Concen: 35.593 ng  
 RT: 15.35 min Scan# 2101  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 166     | 100   | 2058634 |       |       |
| 165     | 97.5  |         | 78.1  | 117.1 |
| 167     | 13.0  |         | 10.6  | 16.0  |





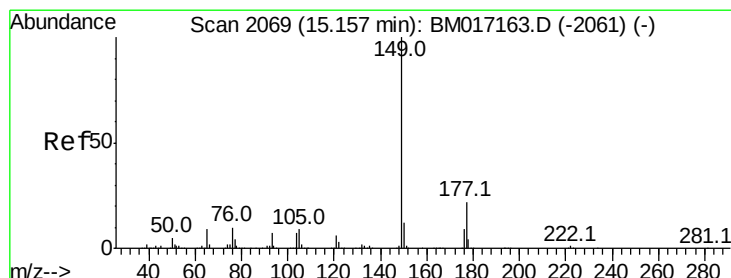
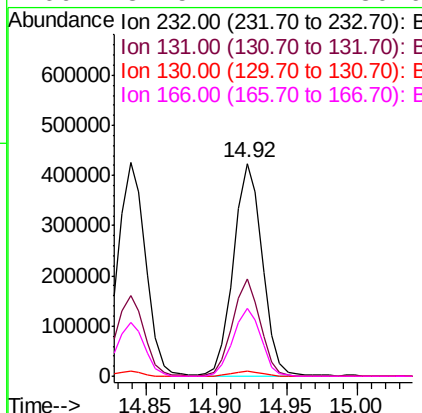
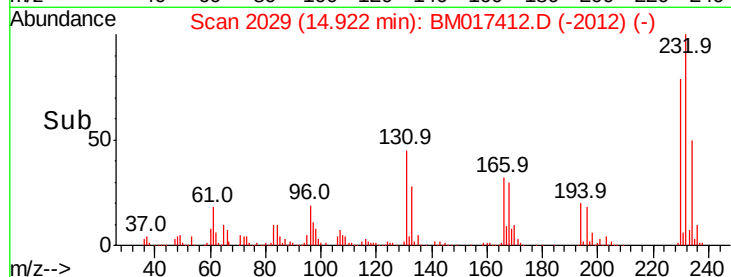
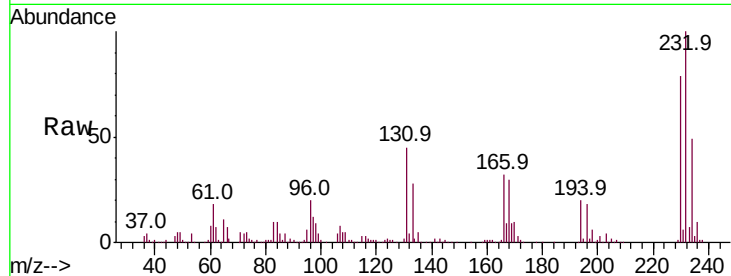
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.532 ng  
 RT: 14.92 min Scan# 2029  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 600481 |       |       |
| 131     | 43.7  |        | 33.1  | 49.7  |
| 130     | 2.4   |        | 1.7   | 2.5   |
| 166     | 31.5  |        | 24.4  | 36.6  |

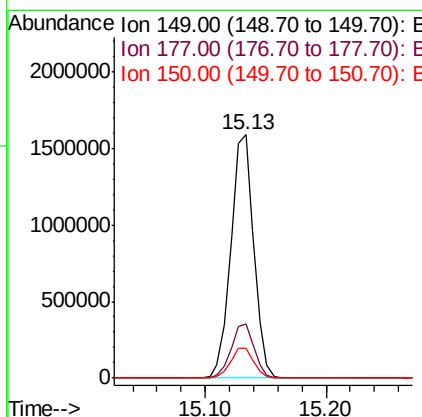
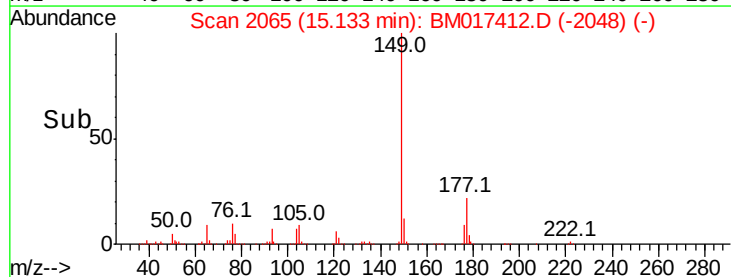
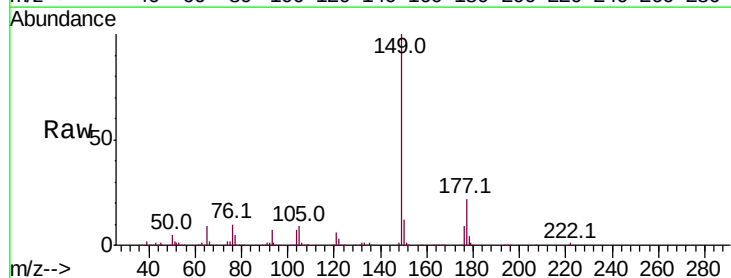
Manual Integrations  
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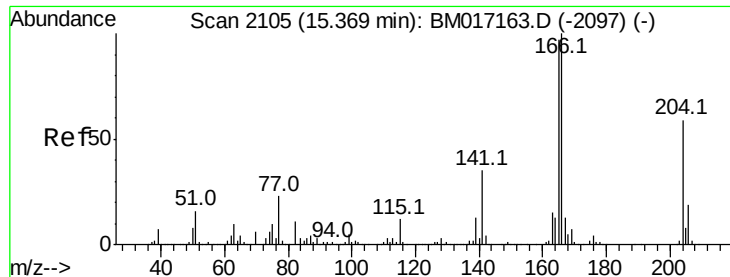
Sohil  
 10/30/2018 4:43:07 PM



#60  
 Diethylphthalate  
 Concen: 35.133 ng  
 RT: 15.13 min Scan# 2065  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 2096359 |       |       |
| 177     | 22.1  |         | 17.7  | 26.5  |
| 150     | 12.3  |         | 10.0  | 15.0  |





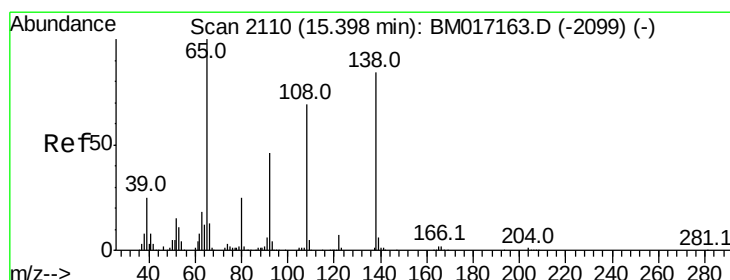
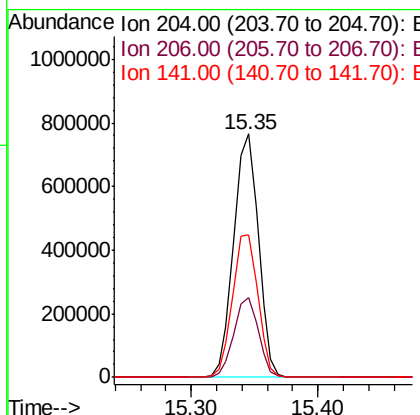
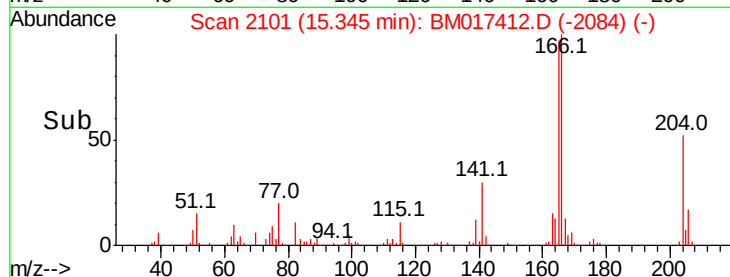
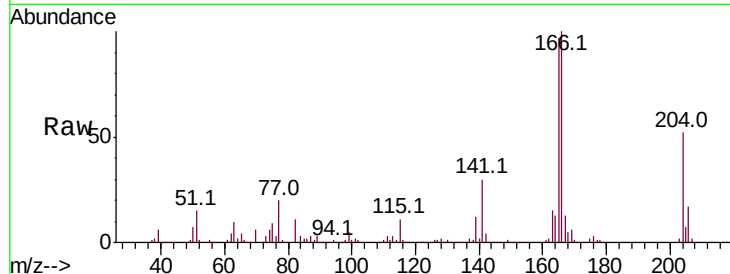
#61  
 4-Chlorophenyl-phenylether  
 Concen: 31.191 ng  
 RT: 15.35 min Scan# 2101  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 26.1  | 39.1  |
| 141     | 58.5  | 45.4  | 68.2  |

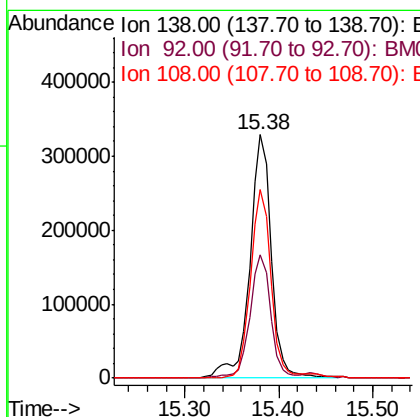
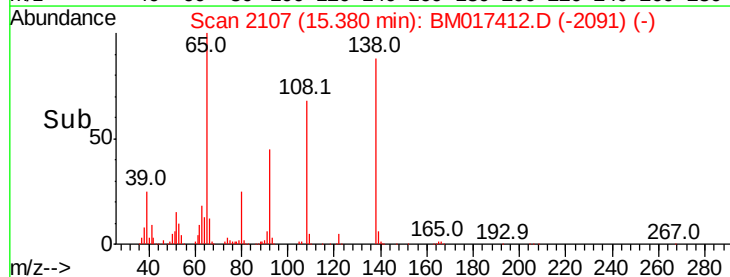
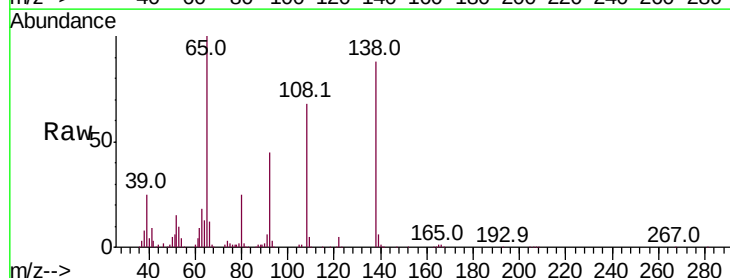
Manual Integrations  
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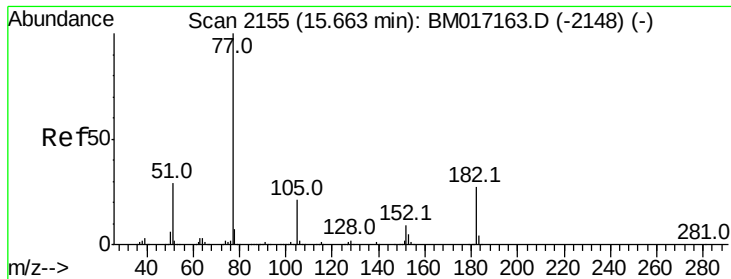
Sohil  
 10/30/2018 4:43:07 PM



#62  
 4-Nitroaniline  
 Concen: 34.180 ng  
 RT: 15.38 min Scan# 2107  
 Delta R.T. -0.01 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.6  | 31.2  | 71.2  |
| 108     | 77.2  | 55.5  | 95.5  |





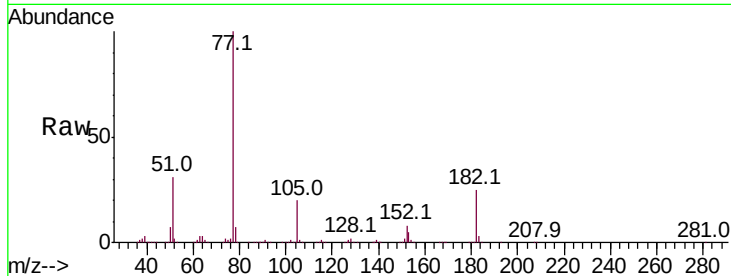
#63  
Azobenzene  
Concen: 36.640 ng  
RT: 15.63 min Scan# 2150  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.9  | 8.3   | 48.3  |
| 105     | 20.0  | 1.5   | 41.5  |
| 51      | 30.5  | 8.8   | 48.8  |

Manual Integrations  
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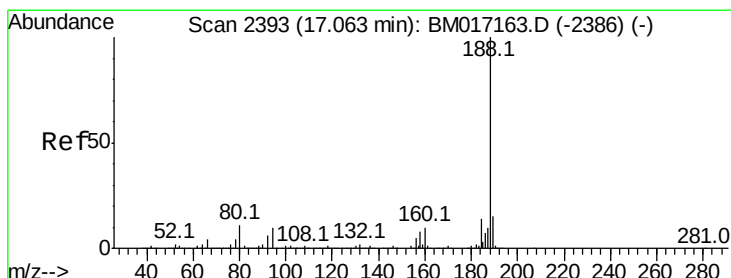
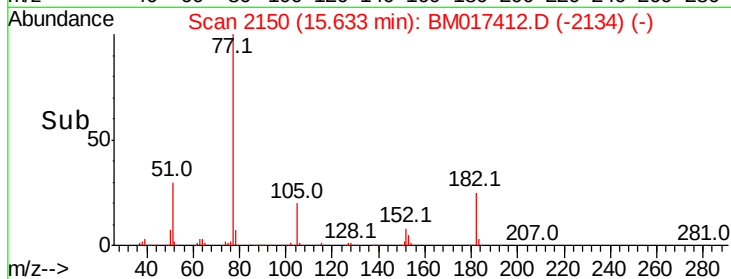
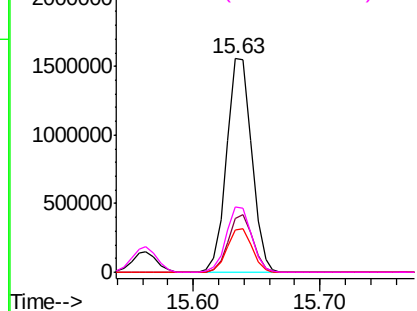


Abundance Ion 77.00 (76.70 to 77.70): BM017412.D (-2150) (-)

Ion 182.00 (181.70 to 182.70): BM017412.D (-2150) (-)

Ion 105.00 (104.70 to 105.70): BM017412.D (-2150) (-)

Ion 51.00 (50.70 to 51.70): BM017412.D (-2150) (-)



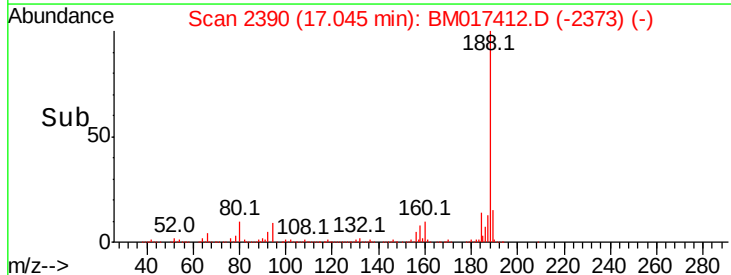
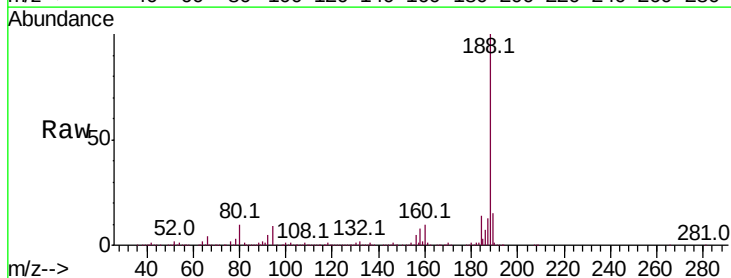
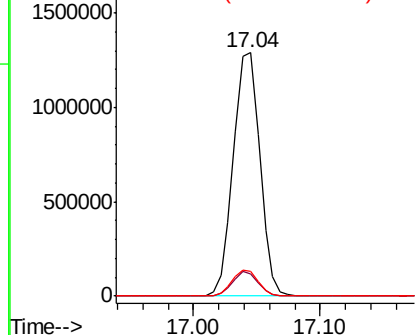
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.04 min Scan# 2390  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

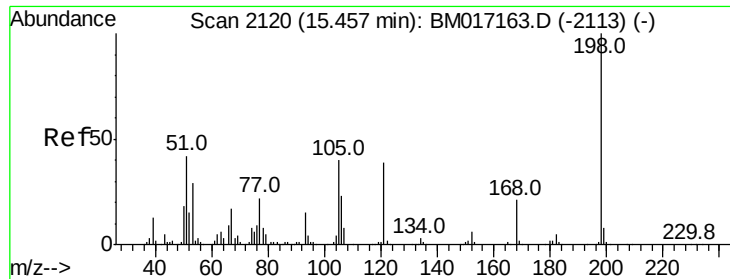
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.0   | 7.0   | 10.4  |
| 80      | 10.1  | 7.7   | 11.5  |

Abundance Ion 188.00 (187.70 to 188.70): BM017412.D (-2393) (-)

Ion 94.00 (93.70 to 94.70): BM017412.D (-2393) (-)

Ion 80.00 (79.70 to 80.70): BM017412.D (-2393) (-)





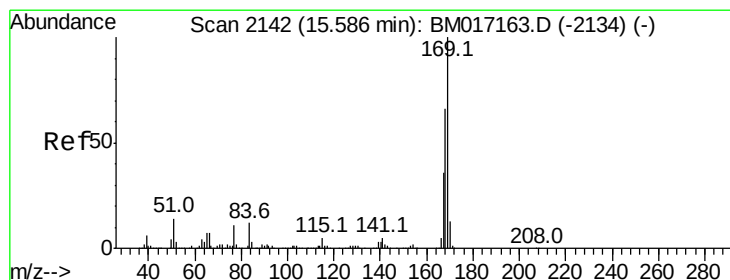
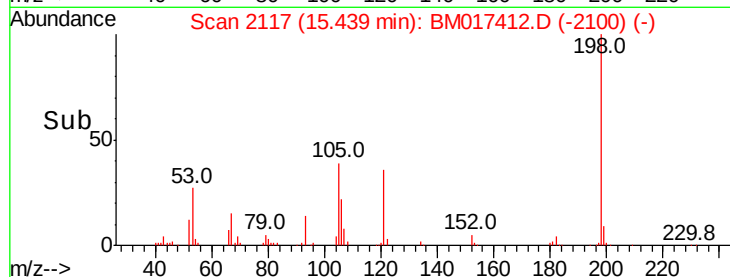
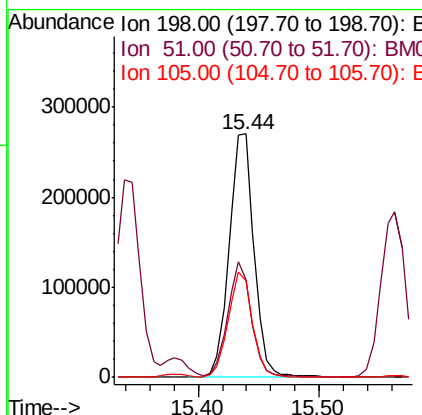
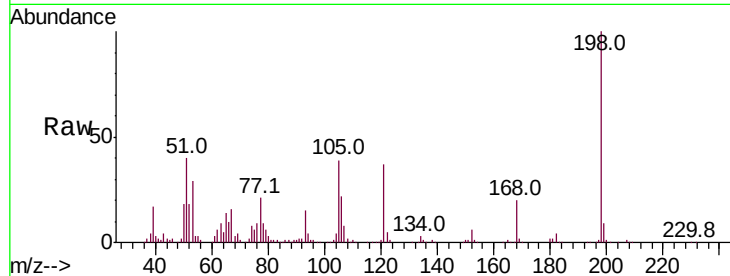
#65  
4,6-Dinitro-2-methylphenol  
Concen: 34.471 ng  
RT: 15.44 min Scan# 2117  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 387885 |       |       |
| 51      | 39.9  | 20.3   | 60.3  |       |
| 105     | 39.4  | 21.9   | 61.9  |       |

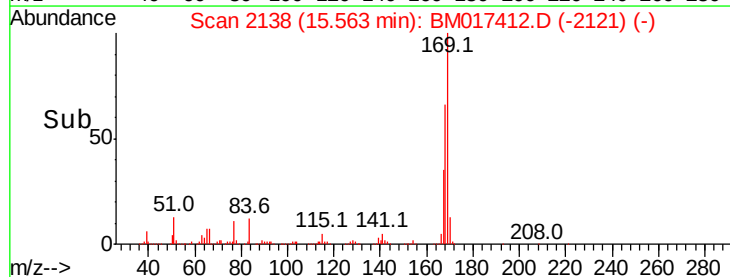
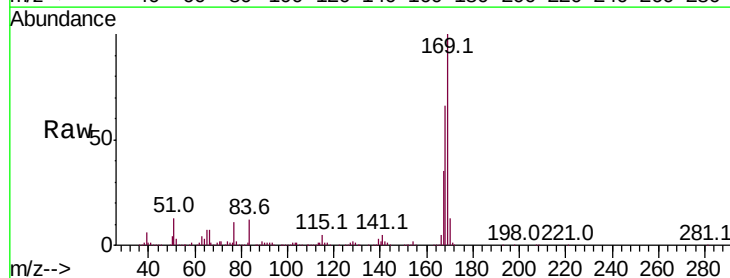
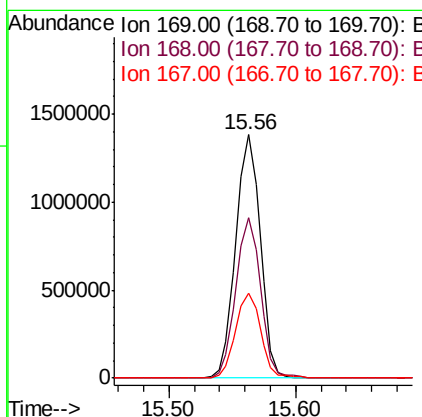
Manual Integrations  
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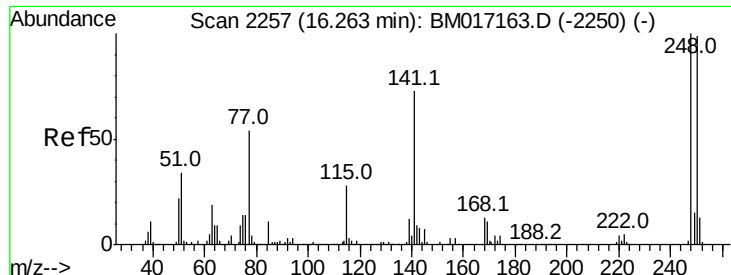
Sohil  
10/30/2018 4:43:07 PM



#66  
n-Nitrosodiphenylamine  
Concen: 32.576 ng  
RT: 15.56 min Scan# 2138  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 169     | 100   | 1851106 |       |       |
| 168     | 65.8  | 52.2    | 78.4  |       |
| 167     | 34.7  | 28.4    | 42.6  |       |





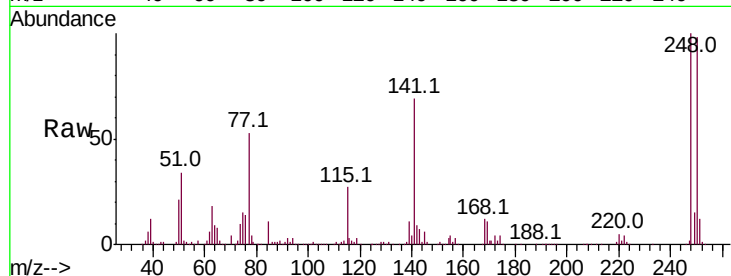
#67  
 4-Bromophenyl-phenylether  
 Concen: 32.421 ng  
 RT: 16.24 min Scan# 2253  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 75.1  | 112.7 |
| 141     | 69.4  | 55.6  | 83.4  |

Manual Integrations  
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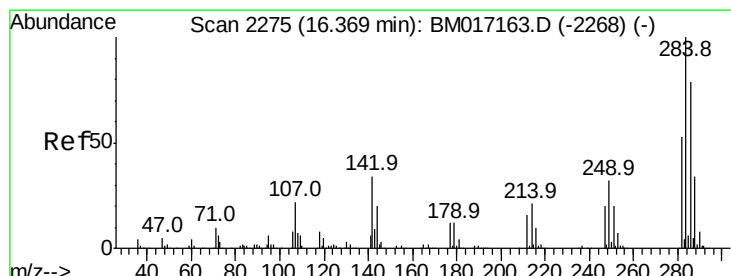
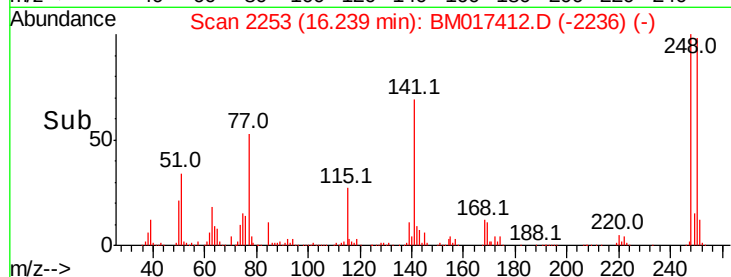
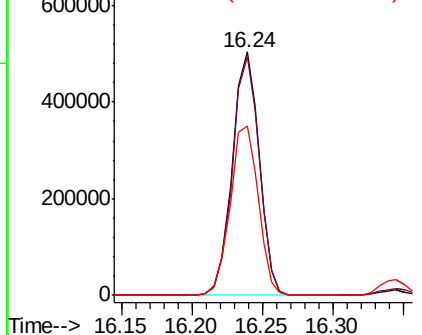


Abundance

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: 31.565 ng  
 RT: 16.35 min Scan# 2271  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

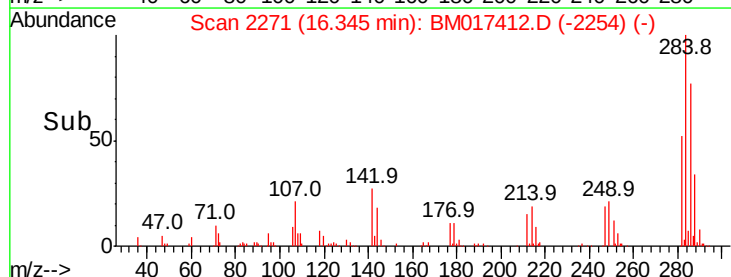
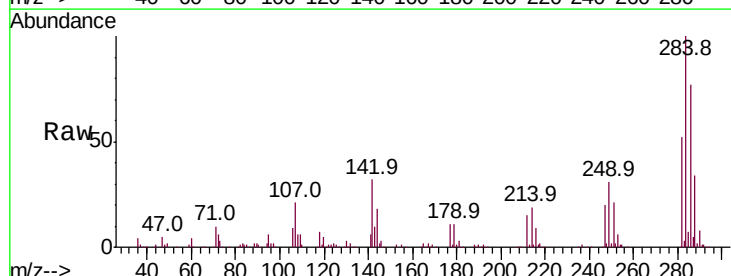
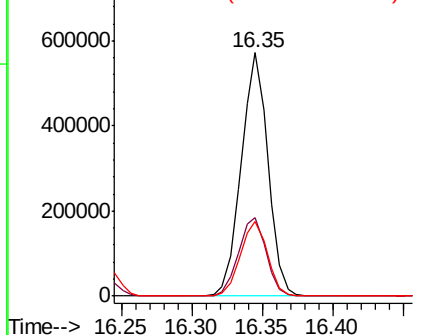
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 32.0  | 25.0  | 37.6  |
| 249     | 30.9  | 25.5  | 38.3  |

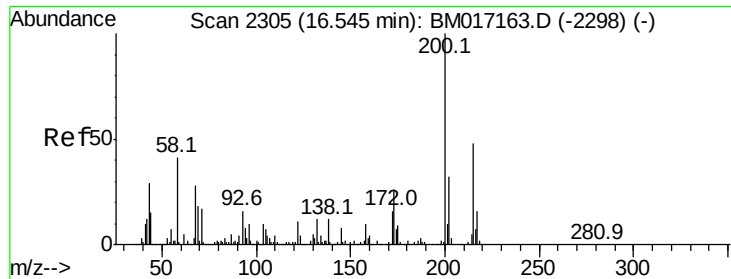
Abundance

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





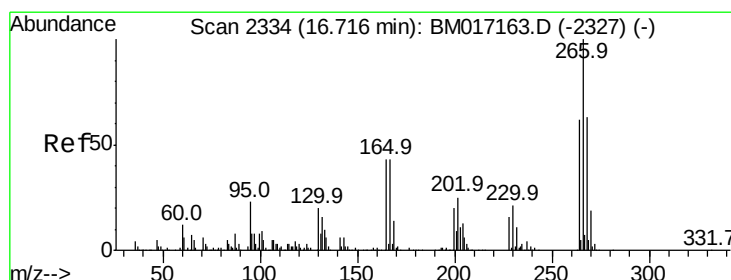
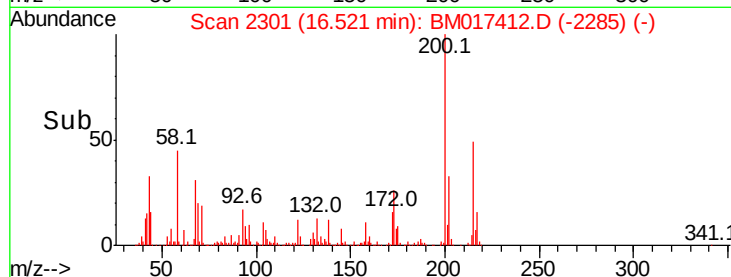
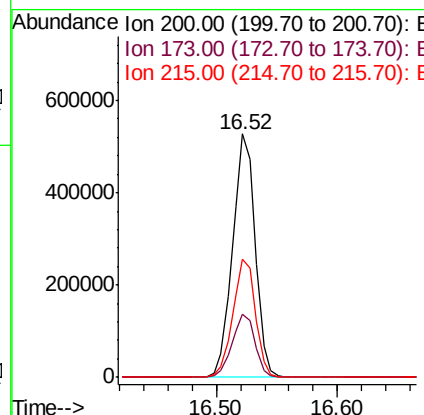
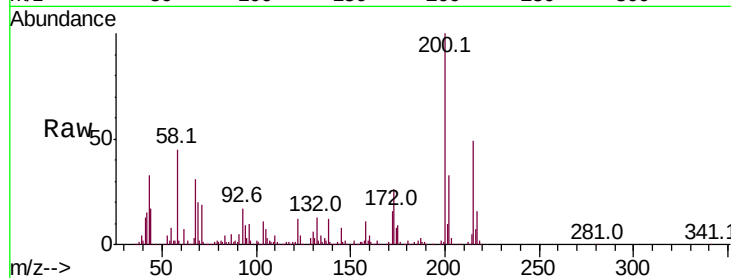
#69  
 Atrazine  
 Concen: 33.814 ng  
 RT: 16.52 min Scan# 2301  
 Delta R.T. -0.01 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 687700 |       |       |
| 173     | 26.0  | 7.0    | 47.0  |       |
| 215     | 48.8  | 27.3   | 67.3  |       |

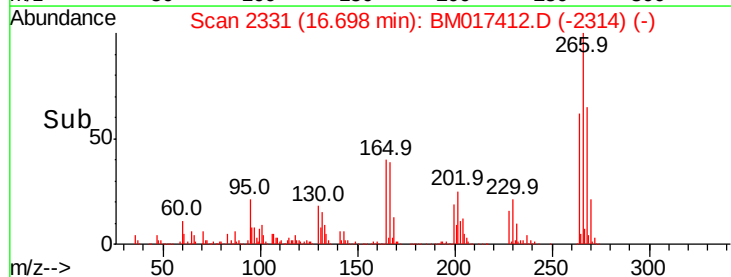
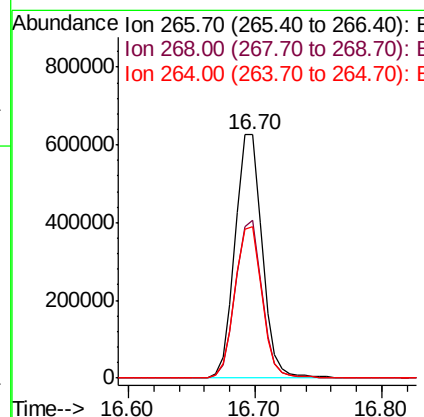
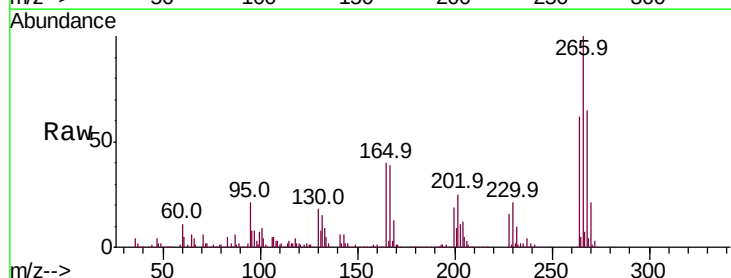
Manual Integrations  
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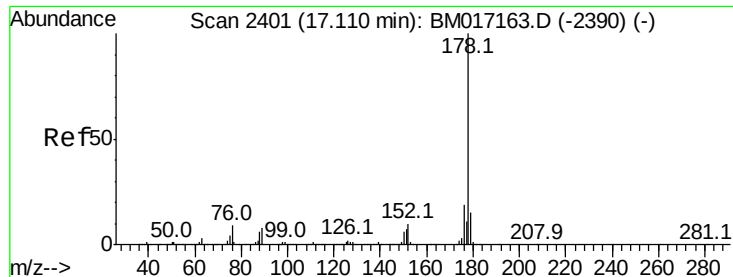
Sohil  
 10/30/2018 4:43:07 PM



#70  
 Pentachlorophenol  
 Concen: 56.460 ng  
 RT: 16.70 min Scan# 2331  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 926523 |       |       |
| 268     | 64.8  | 50.7   | 76.1  |       |
| 264     | 62.3  | 50.4   | 75.6  |       |





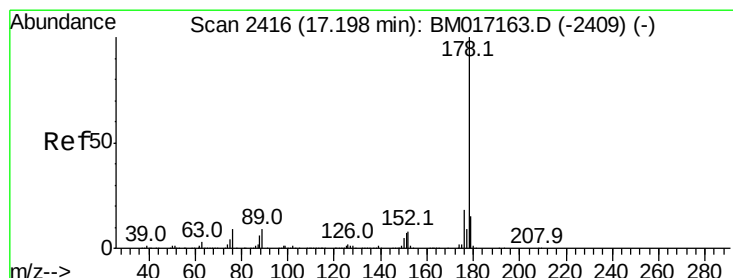
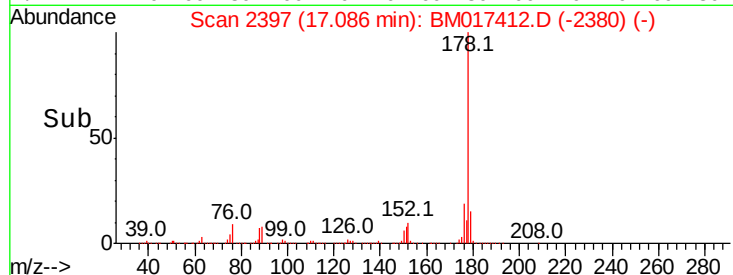
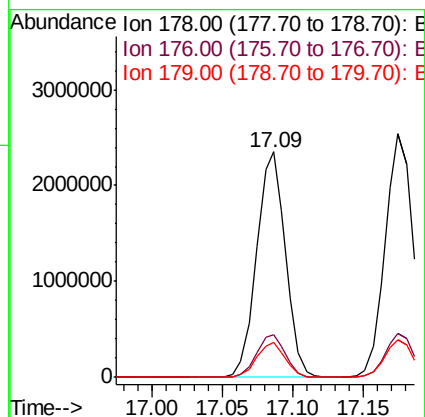
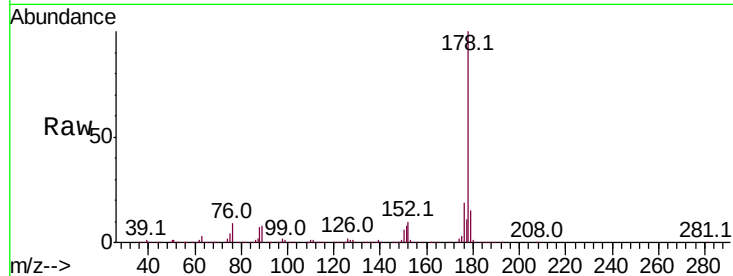
#71  
Phenanthrene  
Concen: 33.250 ng  
RT: 17.09 min Scan# 2397  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

Tot Ion:178 Resp: 3369397  
Ion Ratio Lower Upper  
178 100  
176 18.7 15.0 22.6  
179 15.4 12.3 18.5

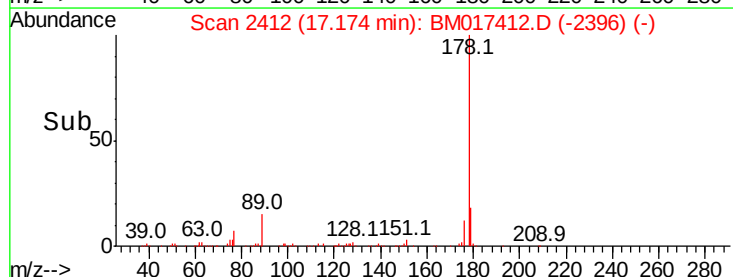
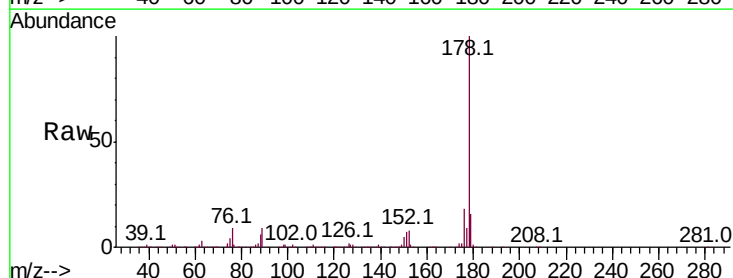
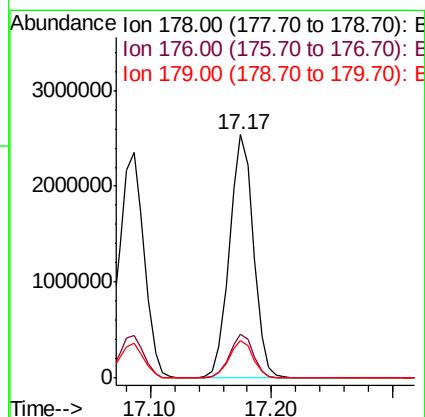
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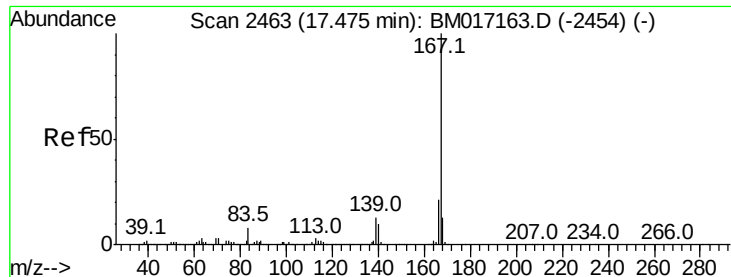


#72  
Anthracene  
Concen: 36.308 ng  
RT: 17.17 min Scan# 2412  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Tgt Ion:178 Resp: 3495985  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.5 21.7  
179 15.6 12.2 18.2







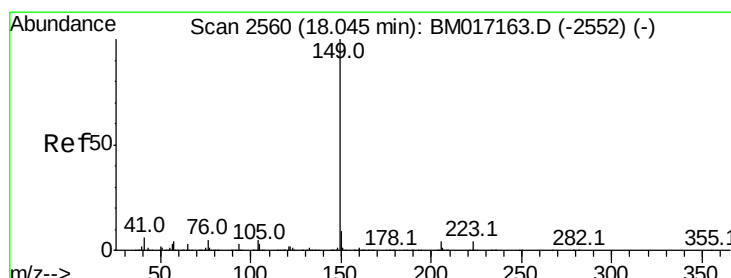
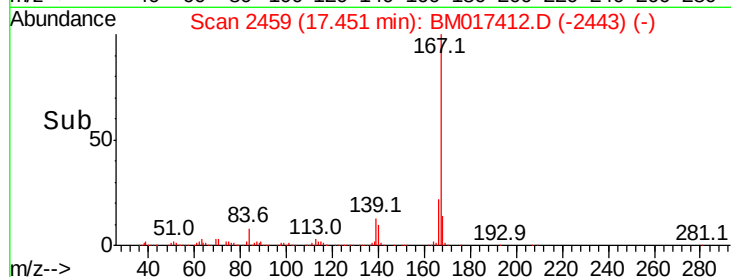
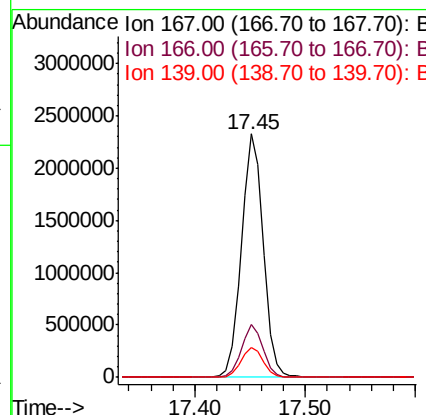
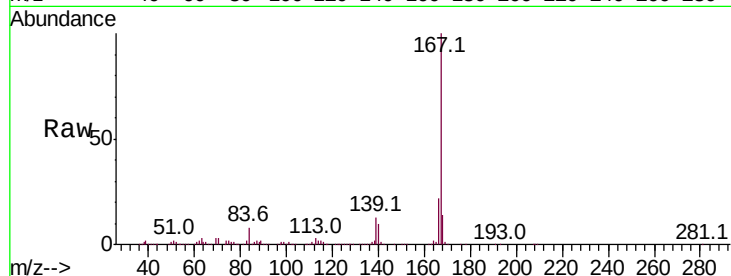
#73  
 Carbazole  
 Concen: 32.857 ng  
 RT: 17.45 min Scan# 2459  
 Delta R.T. -0.01 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.6  | 17.1  | 25.7  |
| 139     | 12.5  | 10.1  | 15.1  |

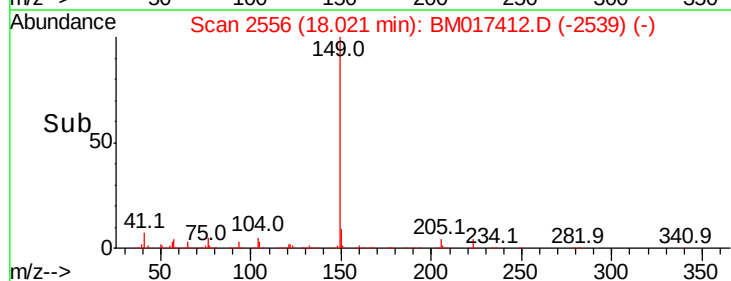
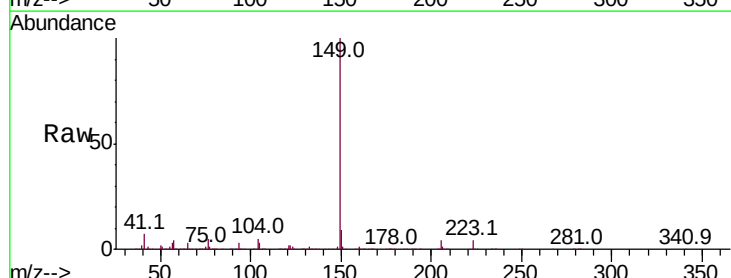
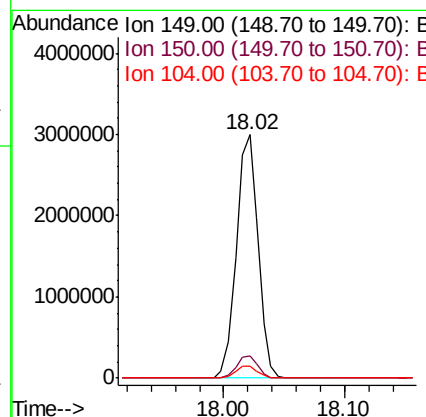
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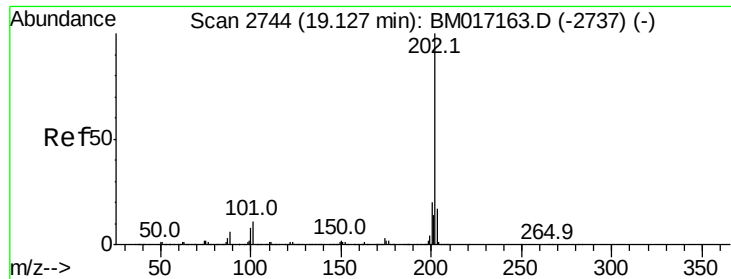
Sohil  
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#74  
 Di-n-butylphthalate  
 Concen: 36.086 ng  
 RT: 18.02 min Scan# 2556  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.1   | 7.4   | 11.0  |
| 104     | 5.1   | 4.3   | 6.5   |





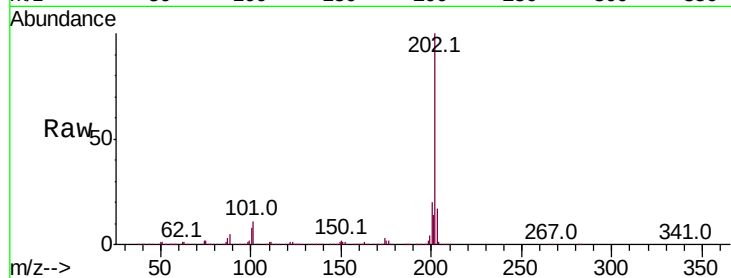
#75  
Fluoranthene  
Concen: 33.857 ng  
RT: 19.11 min Scan# 2741  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

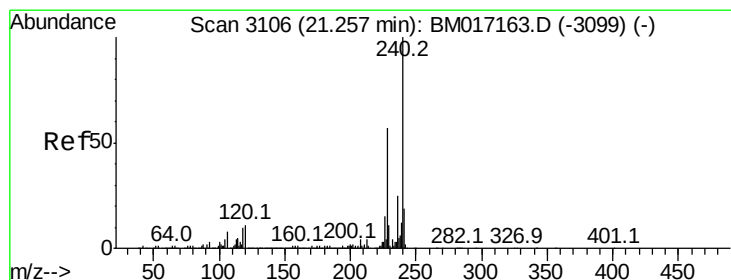
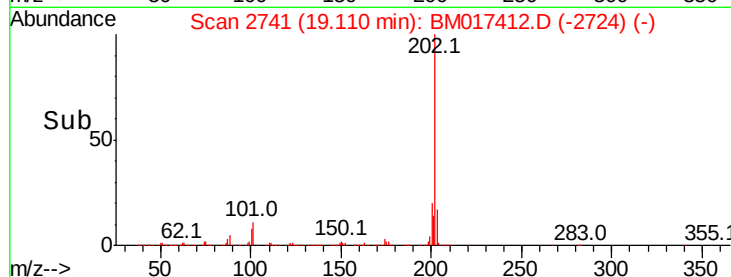
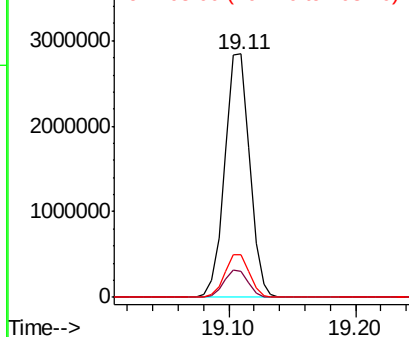
Tot Ion:202 Resp: 3860637  
Ion Ratio Lower Upper  
202 100  
101 10.5 0.0 30.0  
203 17.4 0.0 37.2

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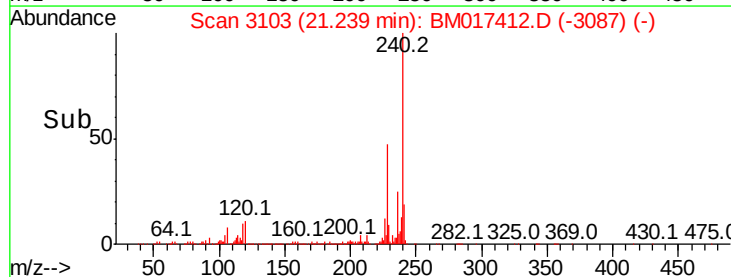
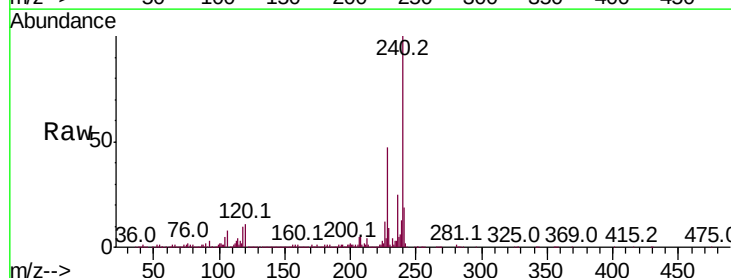
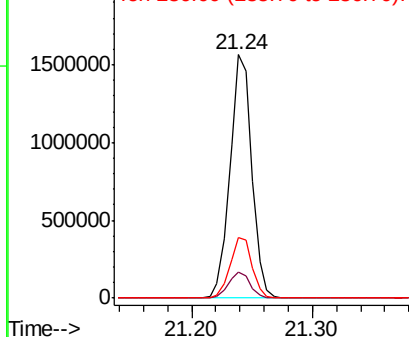
Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

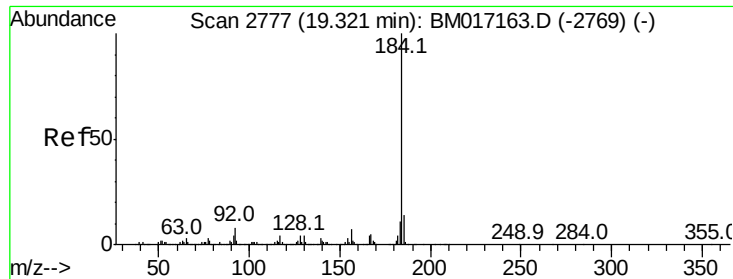


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.24 min Scan# 3103  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Tgt Ion:240 Resp: 1969602  
Ion Ratio Lower Upper  
240 100  
120 10.6 8.1 12.1  
236 25.0 19.9 29.9

Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.136 ng

RT: 19.30 min Scan# 2774

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleId :

PB114250BS

Tot Ion:184 Resp: 1654889

Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.8

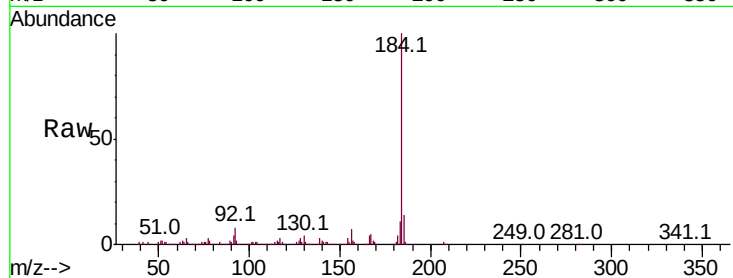
183 11.5 9.7 14.5

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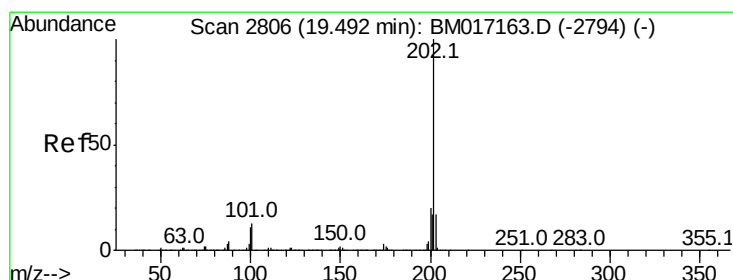
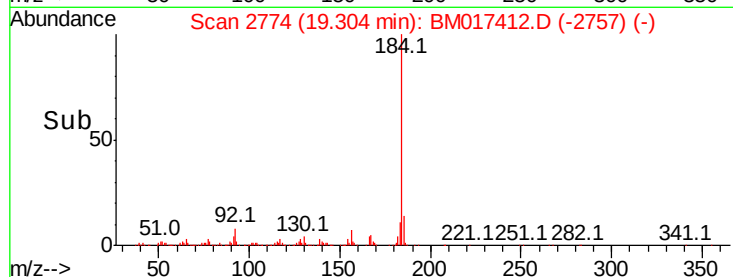
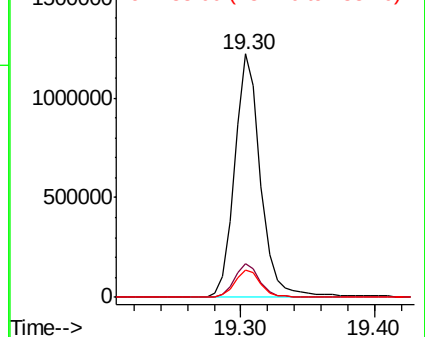
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Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 34.970 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

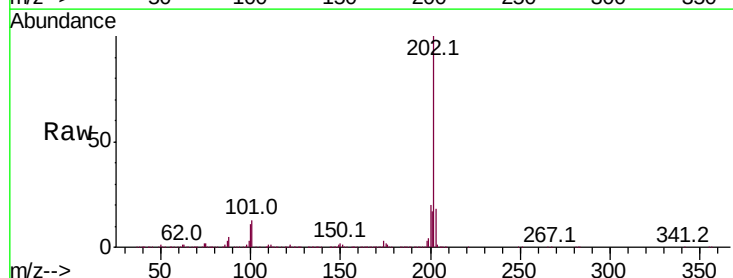
Tgt Ion:202 Resp: 3849570

Ion Ratio Lower Upper

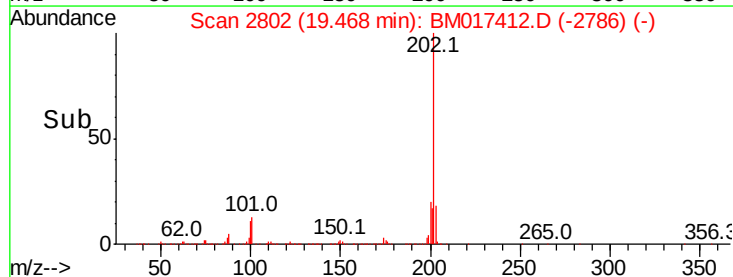
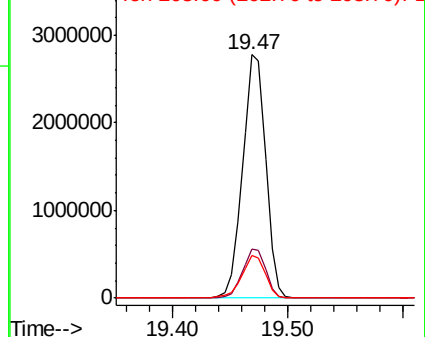
202 100

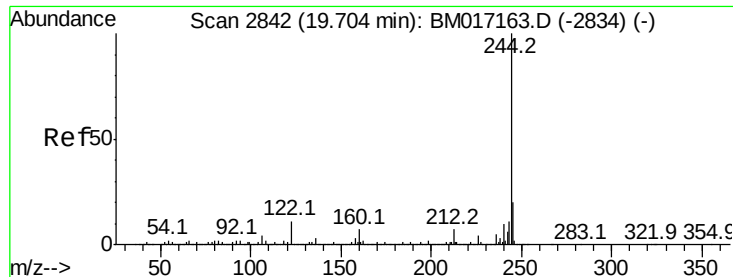
200 20.4 16.3 24.5

203 17.7 13.9 20.9



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





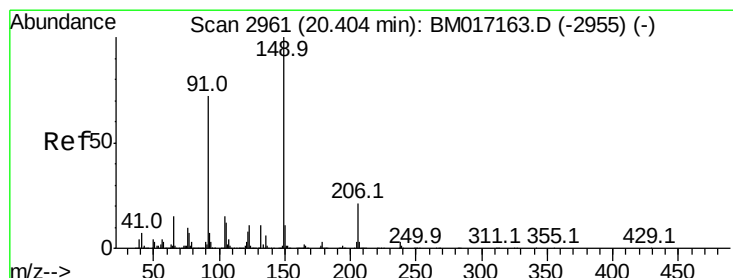
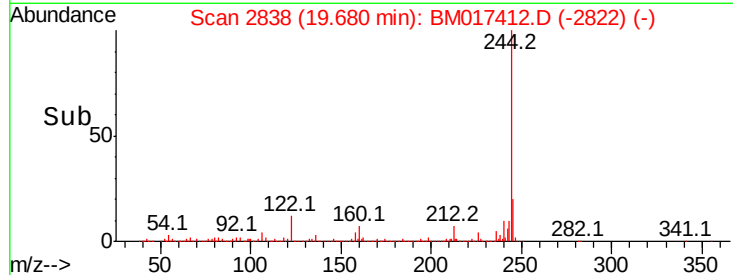
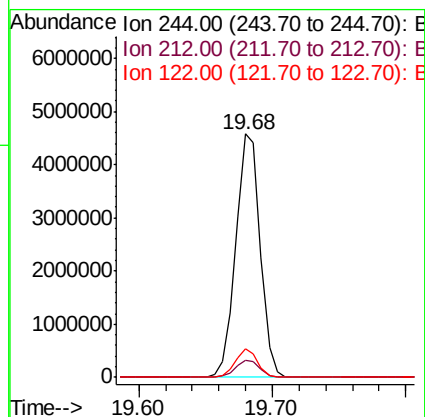
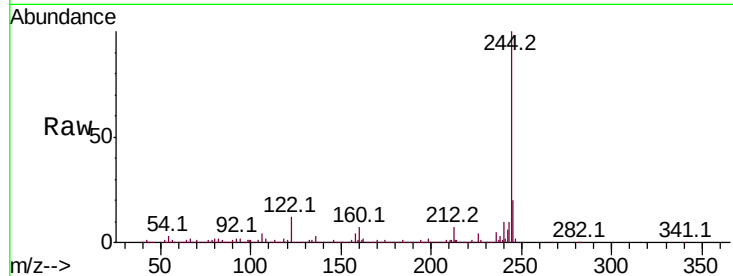
#79  
 Terphenyl-d14  
 Concen: 66.698 ng  
 RT: 19.68 min Scan# 2838  
 Delta R.T. -0.01 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.5   | 8.3   |
| 122     | 11.6  | 8.4   | 12.6  |

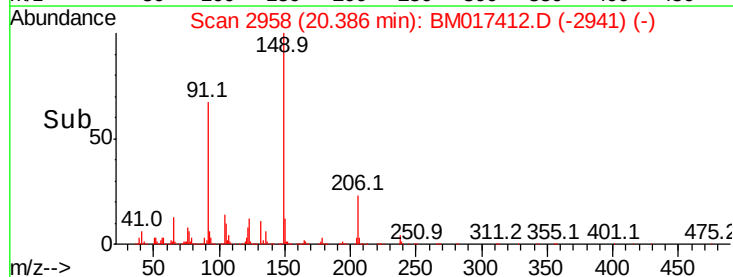
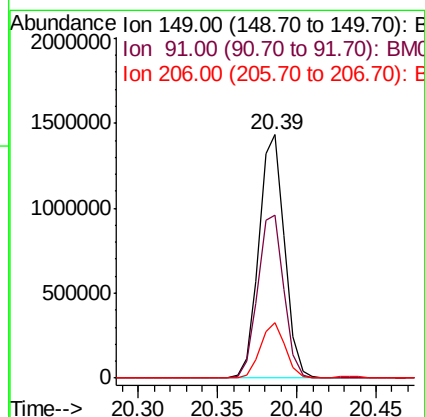
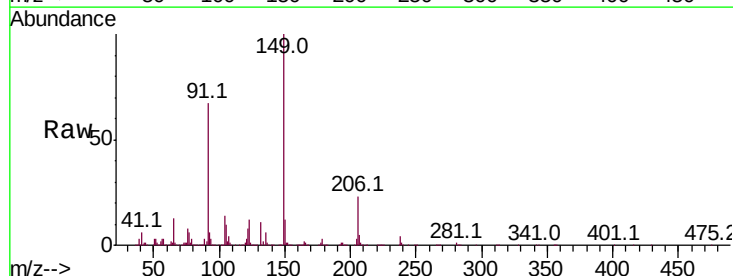
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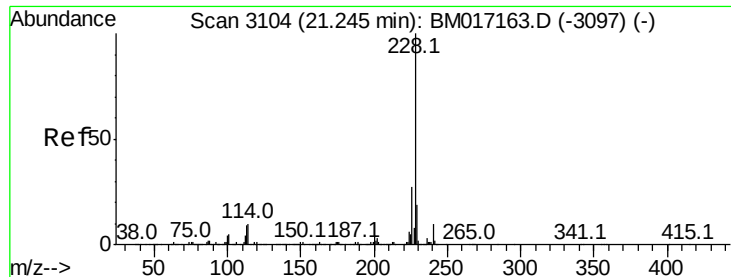
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#80  
 Butylbenzylphthalate  
 Concen: 40.068 ng  
 RT: 20.39 min Scan# 2958  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 67.0  | 51.3  | 76.9  |
| 206     | 22.8  | 18.0  | 27.0  |





#81

Benzo(a)anthracene

Concen: 35.227 ng

RT: 21.23 min Scan# 3101

Delta R.T. -0.00 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

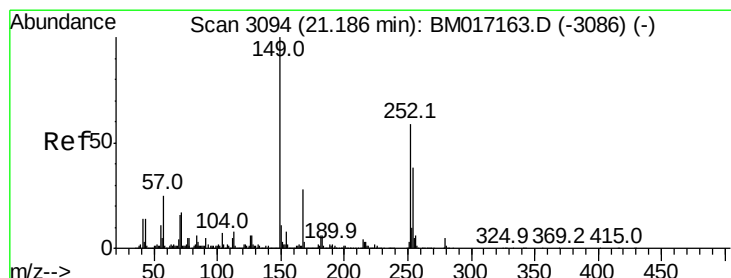
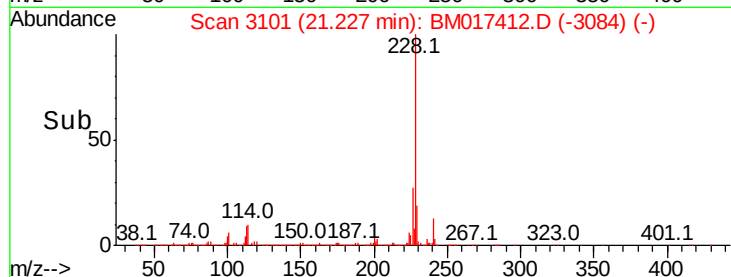
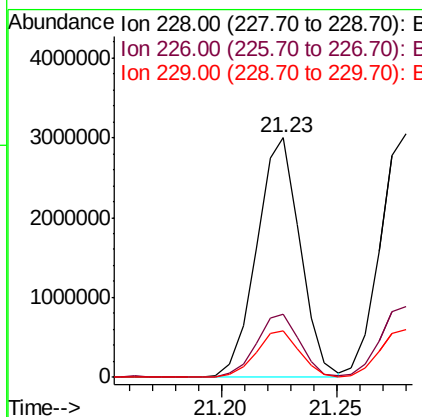
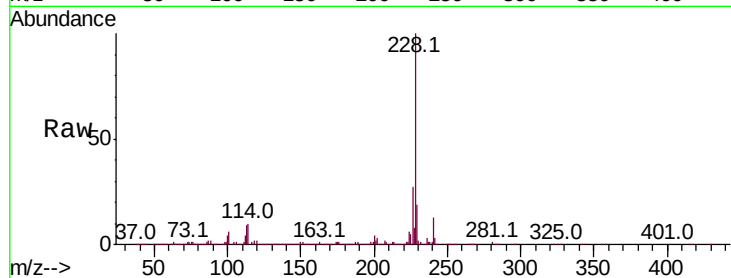
ClientSampleId :

PB114250BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 3904426 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 26.5  | 21.4  | 32.0    |
| 229      | 19.5  | 15.9  | 23.9    |

Manual Integrations  
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#82

3,3'-Dichlorobenzidine

Concen: 24.409 ng

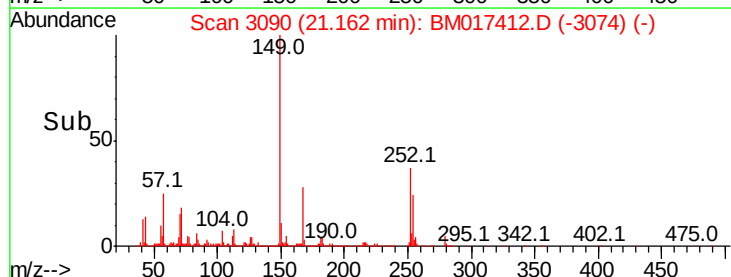
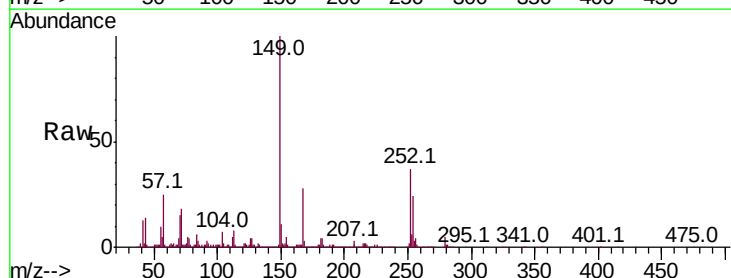
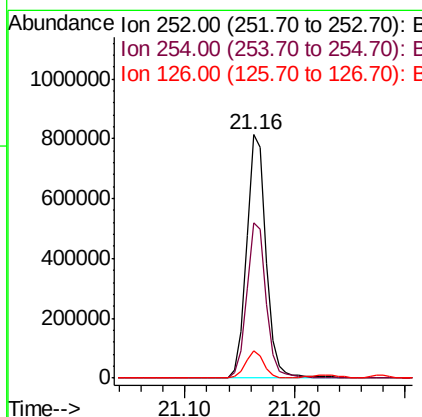
RT: 21.16 min Scan# 3090

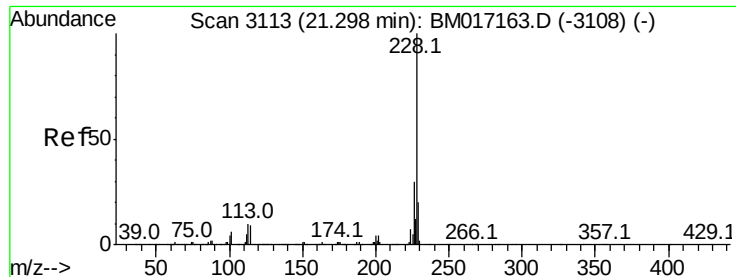
Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1008336 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 254      | 64.0  | 52.1  | 78.1    |
| 126      | 11.2  | 8.6   | 12.8    |





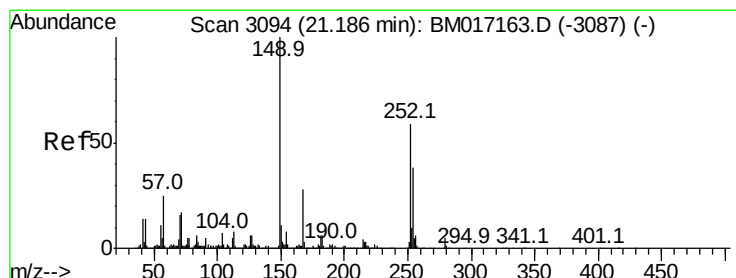
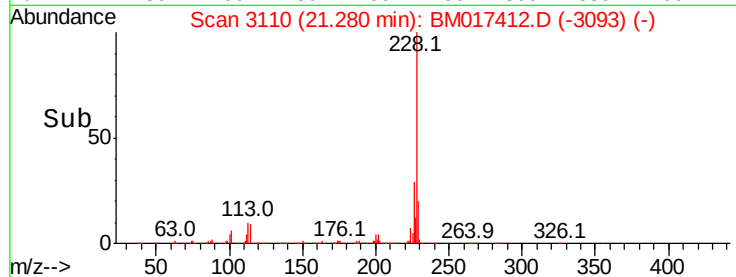
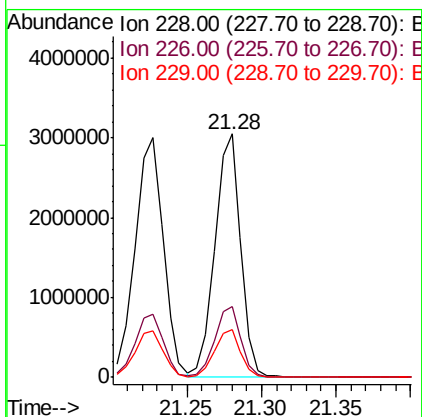
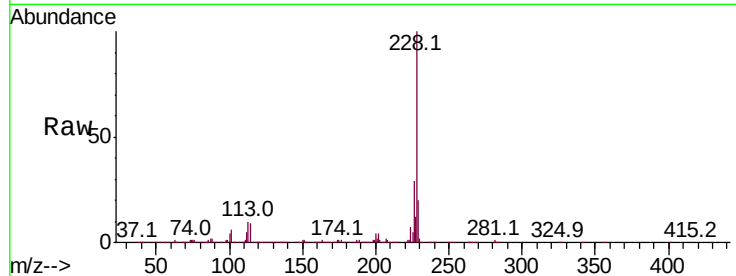
#83  
 Chrysene  
 Concen: 33.539 ng  
 RT: 21.28 min Scan# 3110  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.2  | 23.3  | 34.9  |
| 229     | 19.6  | 15.6  | 23.4  |

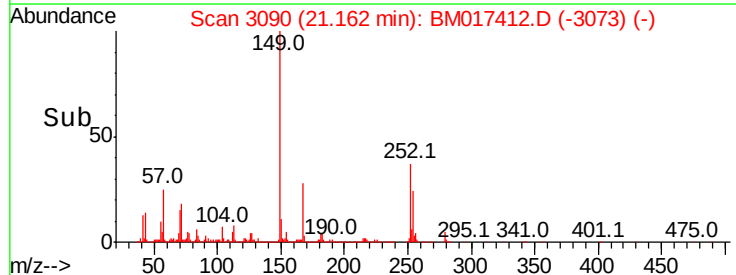
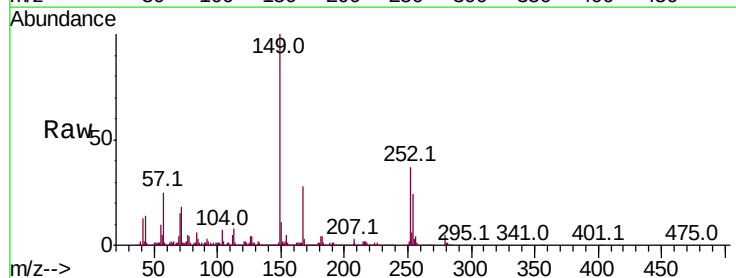
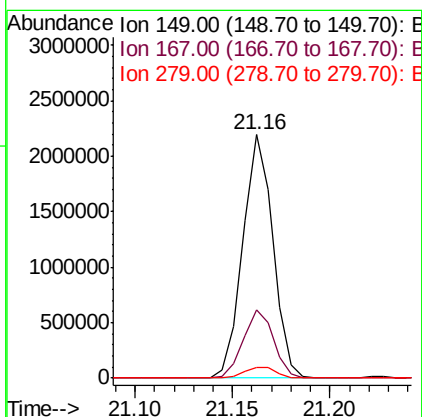
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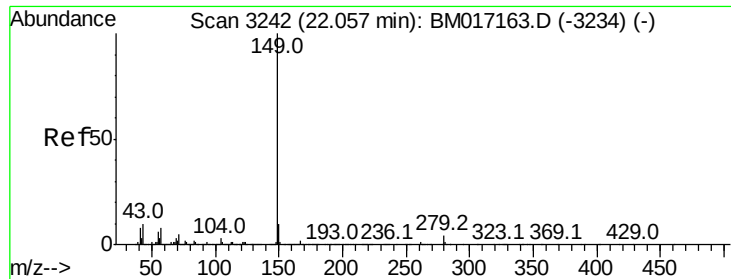
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.830 ng  
 RT: 21.16 min Scan# 3090  
 Delta R.T. -0.00 min  
 Lab File: BM017412.D  
 Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.0  | 22.2  | 33.4  |
| 279     | 4.6   | 3.6   | 5.4   |





#85

Di-n-octyl phthalate

Concen: 39.685 ng

RT: 22.03 min Scan# 3238

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleId :

PB114250BS

Tot Ion:149 Resp: 4190414

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

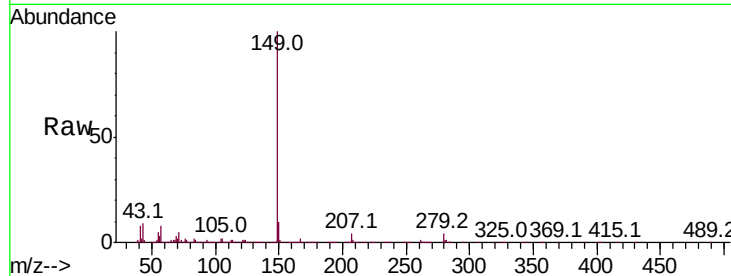
43 8.8 7.2 10.8

Manual Integrations

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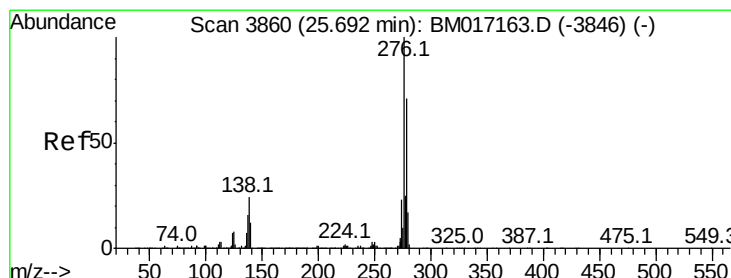
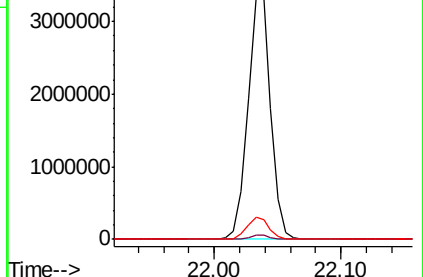
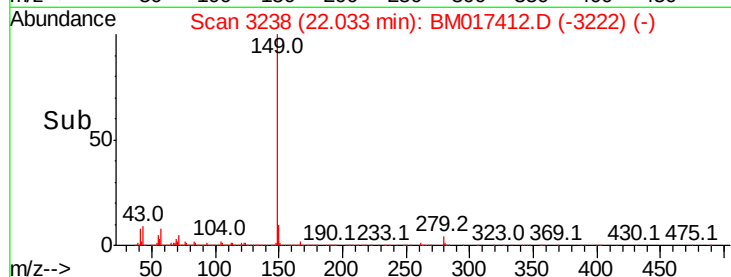
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 28.642 ng

RT: 25.65 min Scan# 3853

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

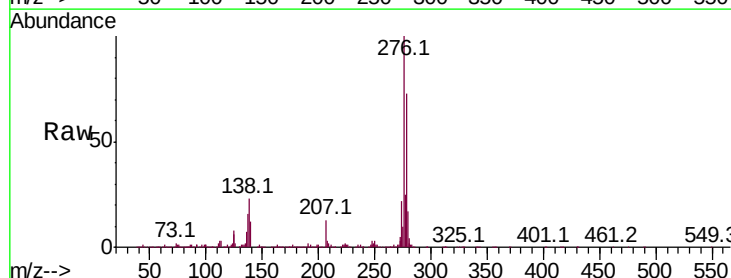
Tgt Ion:276 Resp: 3514555

Ion Ratio Lower Upper

276 100

138 23.8 19.5 29.3

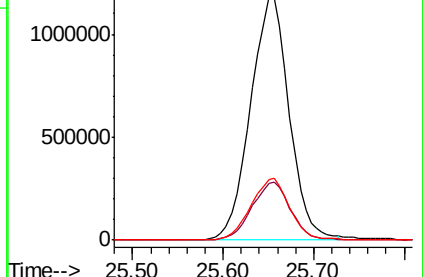
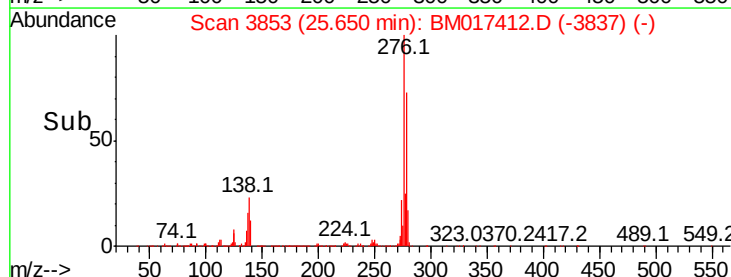
277 25.1 20.1 30.1

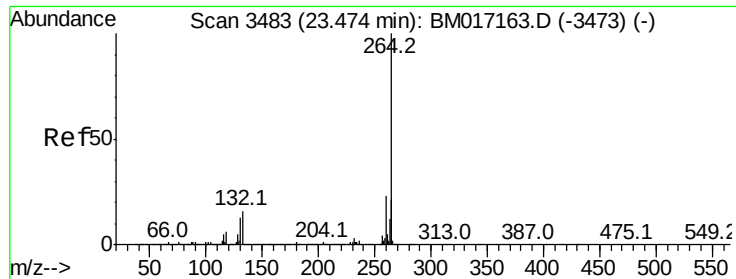


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.44 min Scan# 3478

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

Instrument :

BNA\_M

ClientSampleId :

PB114250BS

Tot Ion:264 Resp: 1883849

Ion Ratio Lower Upper

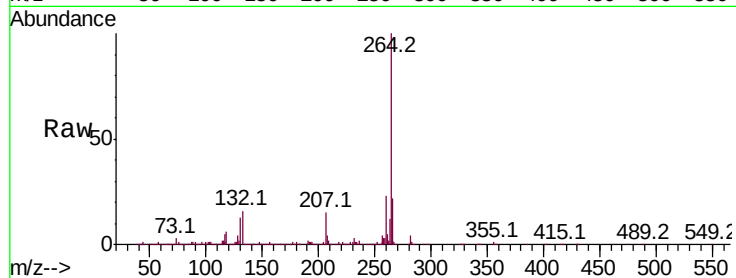
264 100

260 23.0 18.6 27.8

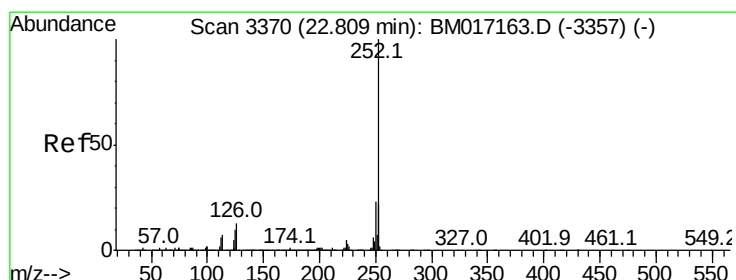
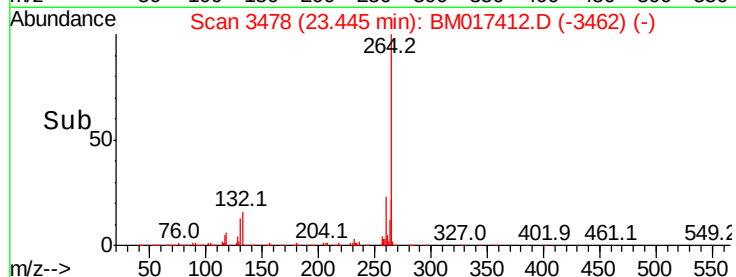
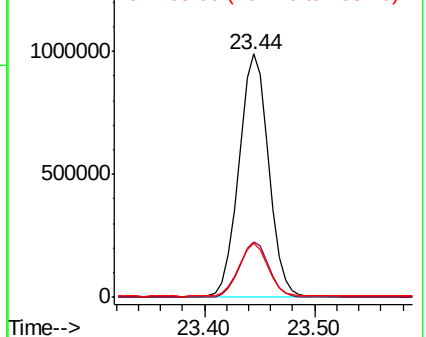
265 22.3 17.8 26.8

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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.068 ng

RT: 22.79 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BM017412.D

Acq: 29 Oct 2018 18:16

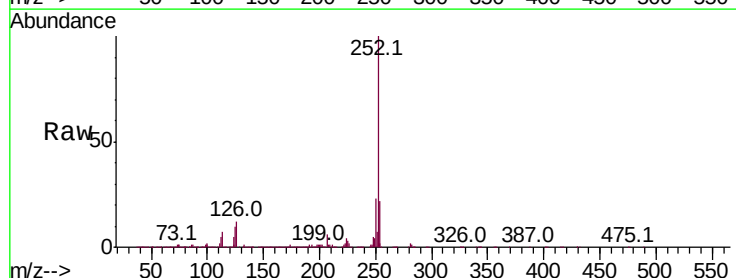
Tgt Ion:252 Resp: 3817923

Ion Ratio Lower Upper

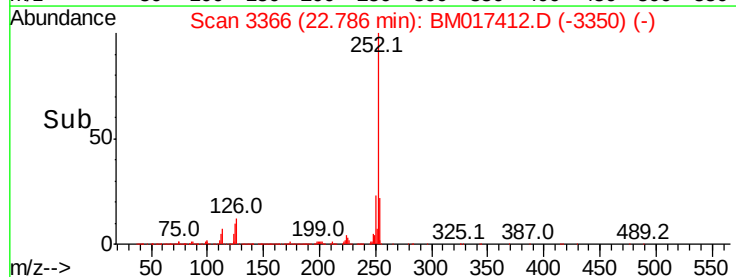
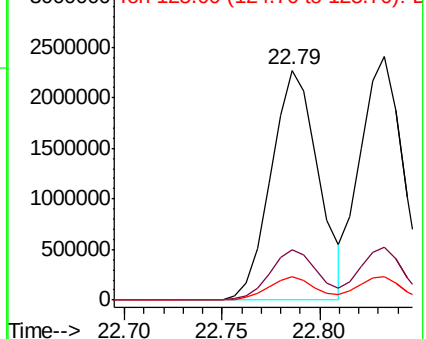
252 100

253 21.8 17.4 26.2

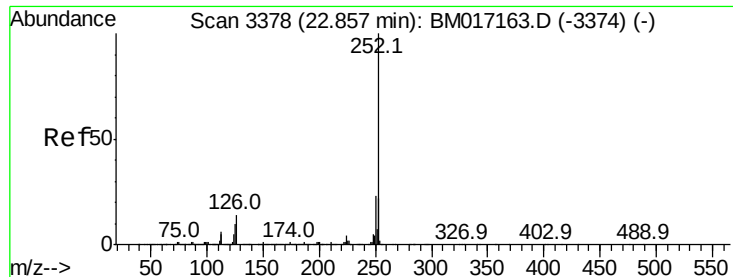
125 10.1 7.5 11.3



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E







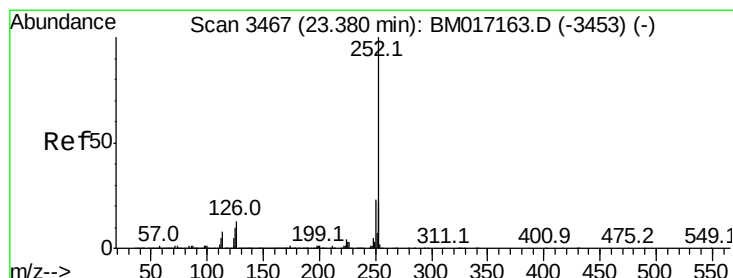
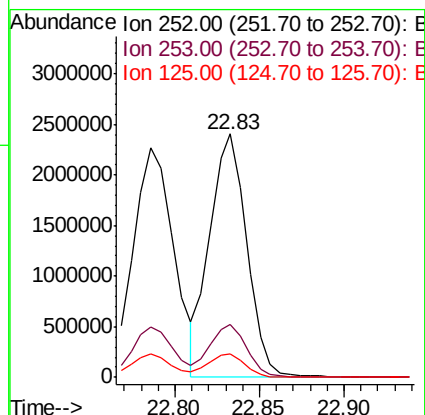
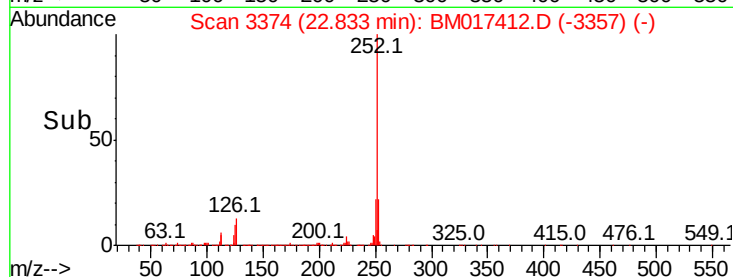
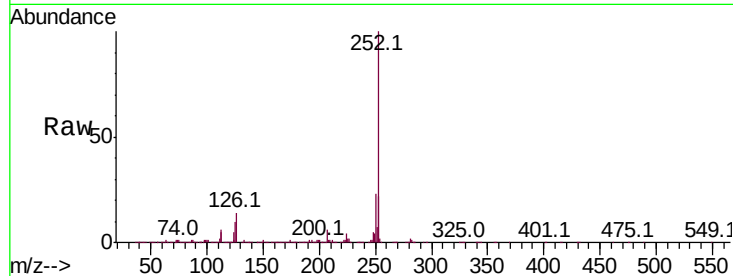
#89  
Benzo(k)fluoranthene  
Concen: 35.397 ng  
RT: 22.83 min Scan# 3374  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

Tot Ion:252 Resp: 3658322  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.5 26.3  
125 9.5 8.2 12.2

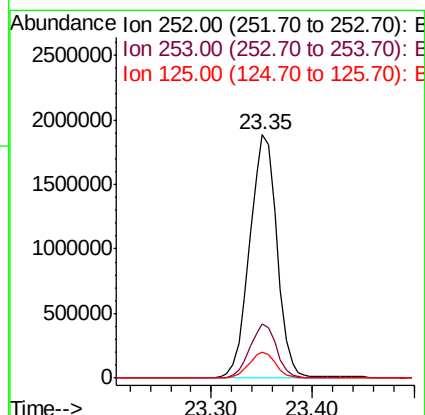
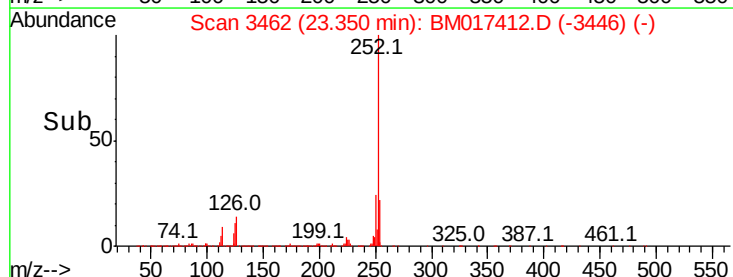
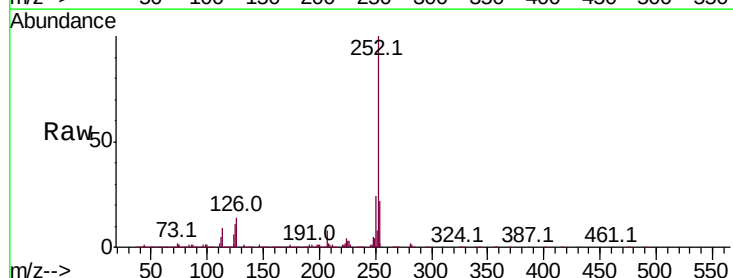
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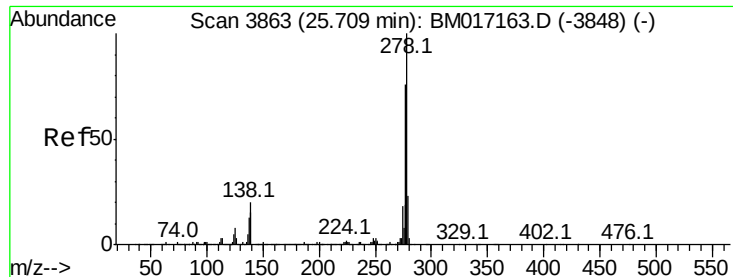
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#90  
Benzo(a)pyrene  
Concen: 35.877 ng  
RT: 23.35 min Scan# 3462  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Tgt Ion:252 Resp: 3508472  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.4 26.0  
125 10.6 8.6 13.0





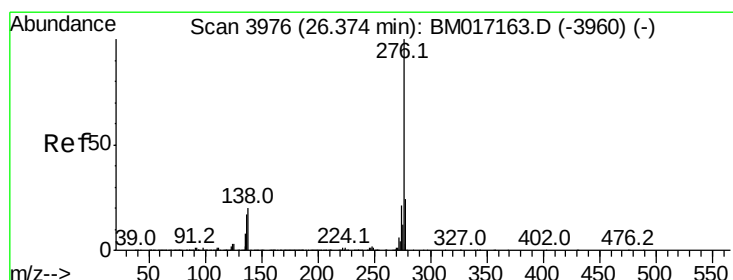
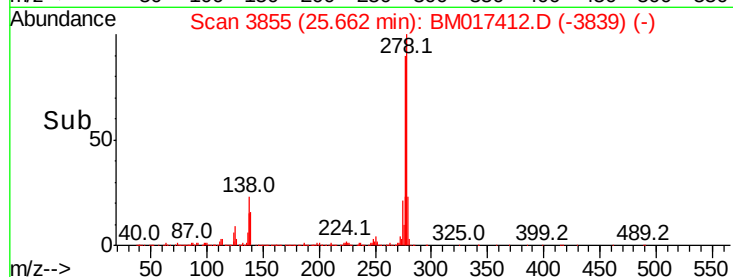
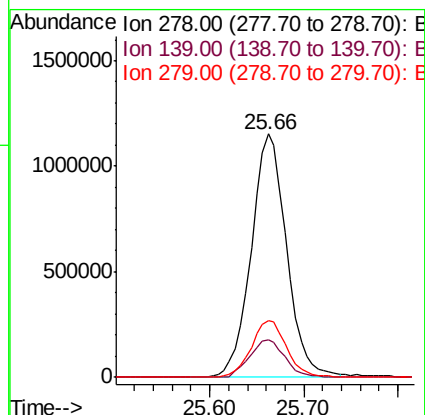
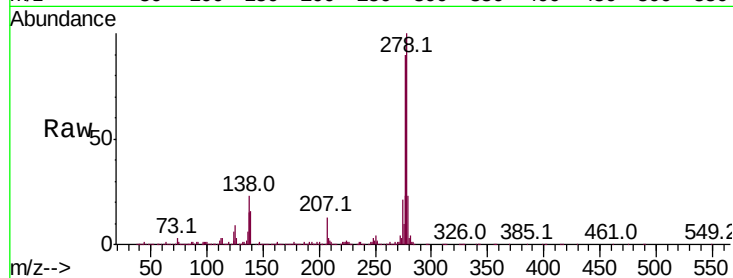
#91  
Dibenzo(a,h)anthracene  
Concen: 30.937 ng  
RT: 25.66 min Scan# 3855  
Delta R.T. -0.01 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

Instrument :  
BNA\_M  
ClientSampleId :  
PB114250BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.6  | 12.7  | 19.1  |
| 279     | 23.1  | 18.7  | 28.1  |

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#92  
Benzo(g,h,i)perylene  
Concen: 28.680 ng  
RT: 26.33 min Scan# 3968  
Delta R.T. -0.00 min  
Lab File: BM017412.D  
Acq: 29 Oct 2018 18:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.5  | 18.6  | 28.0  |
| 138     | 20.0  | 16.4  | 24.6  |

