

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM020718\  
 Data File : BM014164.D  
 Acq On : 07 Feb 2018 16:37  
 Operator : SJ/JU  
 Sample : SSTICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

Manual Integrations  
 APPROVED

Sohil  
 2/8/2018 3:50:24 PM

Quant Time: Feb 07 17:58:18 2018  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM020718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 07 17:16:49 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 72260    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.32 | 136  | 360409   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.20 | 164  | 265162   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 16.96 | 188  | 707025   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.17 | 240  | 804681   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.34 | 264  | 678065   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.16  | 112 | 324007  | 78.15 | ng | 0.00 |
| 7) Phenol-d6             | 6.74  | 99  | 467623  | 79.64 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.70  | 82  | 647412  | 80.24 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.70 | 330 | 331694  | 88.16 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.81 | 172 | 1690955 | 79.61 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.60 | 244 | 3260322 | 79.17 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.15  | 88  | 64549  | 37.89 | ng | # 100  |
| 3) Pyridine                    | 3.53  | 79  | 190897 | 40.47 | ng | # 90   |
| 4) n-Nitrosodimethylamine      | 3.45  | 42  | 127503 | 42.43 | ng | # 44   |
| 6) Aniline                     | 6.89  | 93  | 295832 | 39.52 | ng | 91     |
| 8) 2-Chlorophenol              | 7.12  | 128 | 183416 | 38.93 | ng | 92     |
| 9) Benzaldehyde                | 6.70  | 77  | 173392 | 41.03 | ng | 86     |
| 10) Phenol                     | 6.76  | 94  | 233972 | 40.36 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.99  | 93  | 180499 | 39.39 | ng | 90     |
| 12) 1,3-Dichlorobenzene        | 7.43  | 146 | 228898 | 38.86 | ng | # 85   |
| 13) 1,4-Dichlorobenzene        | 7.58  | 146 | 238237 | 40.26 | ng | # 94   |
| 14) 1,2-Dichlorobenzene        | 7.89  | 146 | 238323 | 40.02 | ng | # 94   |
| 15) Benzyl Alcohol             | 7.80  | 79  | 225291 | 41.41 | ng | # 84   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.07  | 45  | 179717 | 38.56 | ng | 84     |
| 17) 2-Methylphenol             | 8.00  | 107 | 177540 | 40.02 | ng | # 80   |
| 18) Hexachloroethane           | 8.60  | 117 | 104403 | 40.82 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 8.36  | 70  | 211505 | 41.81 | ng | # 88   |
| 20) 3+4-Methylphenols          | 8.33  | 107 | 261722 | 40.74 | ng | 86     |
| 22) Acetophenone               | 8.37  | 105 | 396229 | 38.23 | ng | # 87   |
| 24) Nitrobenzene               | 8.75  | 77  | 317220 | 38.18 | ng | 95     |
| 25) Isophorone                 | 9.27  | 82  | 516190 | 38.62 | ng | # 91   |
| 26) 2-Nitrophenol              | 9.45  | 139 | 117789 | 37.59 | ng | # 44   |
| 27) 2,4-Dimethylphenol         | 9.52  | 122 | 187526 | 39.26 | ng | # 73   |
| 28) bis(2-Chloroethoxy)methane | 9.75  | 93  | 271561 | 39.61 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.98  | 162 | 225715 | 42.29 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.18 | 180 | 276938 | 39.36 | ng | 97     |
| 31) Naphthalene                | 10.37 | 128 | 788558 | 39.96 | ng | 98     |
| 32) Benzoic acid               | 9.71  | 122 | 150420 | 38.06 | ng | # 76   |
| 33) 4-Chloroaniline            | 10.50 | 127 | 331992 | 40.47 | ng | # 86   |
| 34) Hexachlorobutadiene        | 10.64 | 225 | 188599 | 39.08 | ng | 97     |
| 35) Caprolactam                | 11.30 | 113 | 77843m | 40.78 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.63 | 107 | 282888 | 42.78 | ng | 87     |
| 37) 2-Methylnaphthalene        | 11.99 | 142 | 617050 | 41.52 | ng | # 90   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.37 | 216 | 365921 | 39.38 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.33 | 237 | 182894 | 37.17 | ng | 97     |

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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.62 | 196  | 219203   | 40.16 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.70 | 196  | 251553   | 41.74 | ng #  | 82       |
| 45) 1,1'-Biphenyl              | 13.03 | 154  | 923025   | 40.19 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.06 | 162  | 704351   | 40.40 | ng #  | 91       |
| 47) 2-Nitroaniline             | 13.29 | 65   | 259213   | 40.40 | ng #  | 75       |
| 48) Acenaphthylene             | 13.92 | 152  | 1165818  | 40.78 | ng    | 99       |
| 49) Dimethylphthalate          | 13.67 | 163  | 965659   | 40.68 | ng #  | 99       |
| 50) 2,6-Dinitrotoluene         | 13.80 | 165  | 197656   | 40.58 | ng #  | 55       |
| 51) Acenaphthene               | 14.27 | 154  | 718157   | 40.75 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.13 | 138  | 207026   | 41.09 | ng #  | 63       |
| 53) 2,4-Dinitrophenol          | 14.36 | 184  | 95272    | 38.74 | ng    | 91       |
| 54) Dibenzofuran               | 14.60 | 168  | 1142375  | 41.48 | ng #  | 89       |
| 55) 4-Nitrophenol              | 14.46 | 139  | 149242   | 40.47 | ng #  | 84       |
| 56) 2,4-Dinitrotoluene         | 14.60 | 165  | 309923   | 41.23 | ng #  | 82       |
| 57) Fluorene                   | 15.26 | 166  | 1015649  | 41.92 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.84 | 232  | 245793   | 41.40 | ng #  | 100      |
| 59) Diethylphthalate           | 15.05 | 149  | 1120363  | 42.52 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.26 | 204  | 532409   | 42.28 | ng    | 90       |
| 61) 4-Nitroaniline             | 15.31 | 138  | 214013   | 42.45 | ng #  | 11       |
| 62) Azobenzene                 | 15.55 | 77   | 1162396  | 42.48 | ng    | 82       |
| 64) 4,6-Dinitro-2-methylphenol | 15.37 | 198  | 175383   | 37.58 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 15.48 | 169  | 896699   | 40.17 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.16 | 248  | 329508   | 39.76 | ng #  | 86       |
| 67) Hexachlorobenzene          | 16.26 | 284  | 355619   | 39.09 | ng #  | 75       |
| 68) Atrazine                   | 16.44 | 200  | 348764   | 41.66 | ng    | 97       |
| 69) Pentachlorophenol          | 16.62 | 266  | 217992   | 38.32 | ng    | 98       |
| 70) Phenanthrene               | 17.00 | 178  | 1690052  | 39.63 | ng    | 100      |
| 71) Anthracene                 | 17.09 | 178  | 1715561  | 41.28 | ng    | 99       |
| 72) Carbazole                  | 17.37 | 167  | 1589640  | 40.69 | ng    | 99       |
| 73) Di-n-butylphthalate        | 17.94 | 149  | 2131387  | 42.63 | ng #  | 97       |
| 74) Fluoranthene               | 19.03 | 202  | 2090219  | 41.63 | ng    | 100      |
| 76) Benzidine                  | 19.23 | 184  | 992694   | 41.42 | ng    | 99       |
| 77) Pyrene                     | 19.39 | 202  | 2215763  | 39.64 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.31 | 149  | 1008558  | 40.06 | ng #  | 85       |
| 80) Benzo(a)anthracene         | 21.15 | 228  | 2130557  | 40.75 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.09 | 252  | 796944   | 40.78 | ng    | 99       |
| 82) Chrysene                   | 21.20 | 228  | 2056288  | 40.54 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.09 | 149  | 1496753  | 40.76 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 21.95 | 149  | 2162297  | 42.53 | ng    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.51 | 276  | 1636982  | 41.05 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 22.70 | 252  | 1975672  | 41.99 | ng #  | 94       |
| 88) Benzo(k)fluoranthene       | 22.74 | 252  | 1796780  | 40.17 | ng #  | 97       |
| 89) Benzo(a)pyrene             | 23.25 | 252  | 1698847  | 40.97 | ng    | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.52 | 278  | 1374987  | 40.58 | ng #  | 94       |
| 91) Benzo(g,h,i)perylene       | 26.17 | 276  | 1283096  | 40.50 | ng #  | 88       |

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

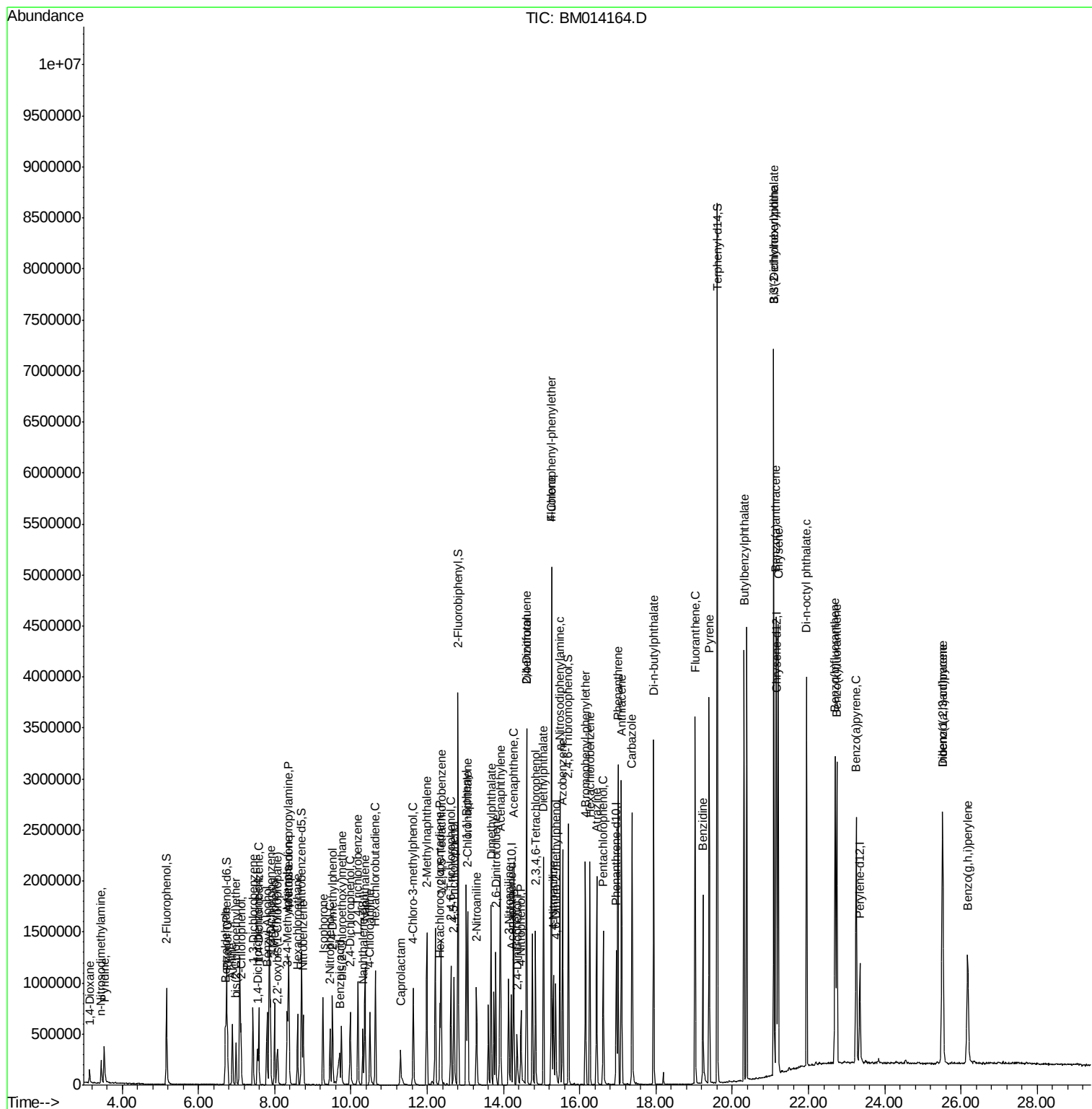
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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014164.D
Acq On    : 07 Feb 2018   16:37
Operator  : SJ/JU
Sample    : SSTICCC040
Misc      :
ALS Vial  : 5      Sample Multiplier: 1
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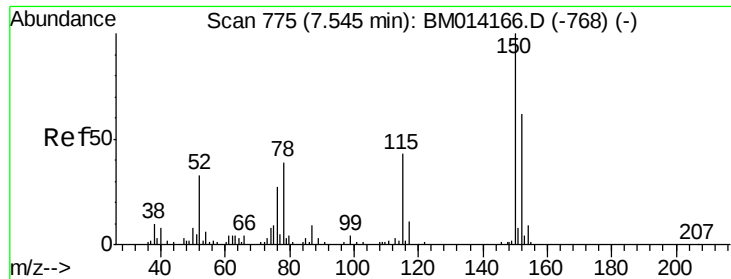
**Instrument :**  
BNA\_M  
**ClientSampleId :**  
SSTICCC040EC

## Manual Integrations APPROVED

Sohil  
2/8/2018 3:50:24 PM

Quant Time: Feb 07 17:58:18 2018  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#1

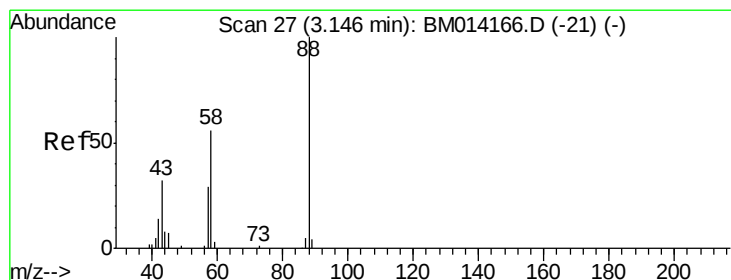
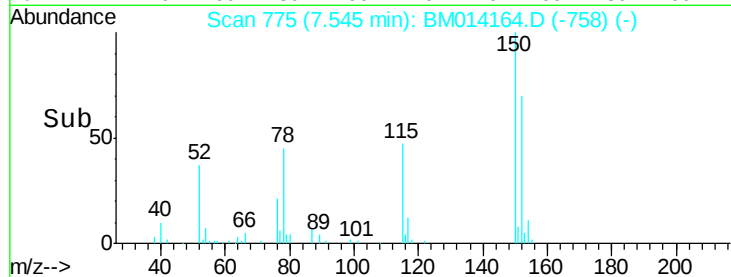
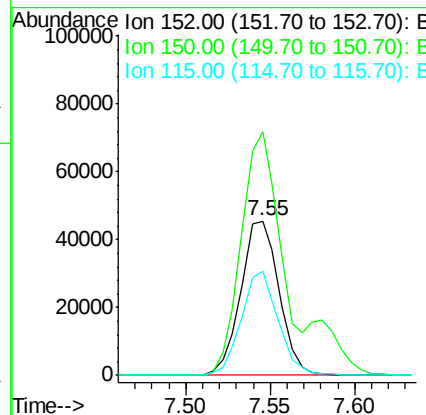
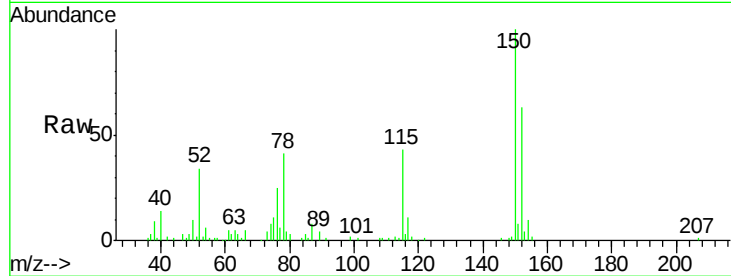
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.55 min Scan# 775  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.8 | 119.5 | 179.3 |
| 115     | 67.4  | 43.0  | 64.4  |

Manual Integrations  
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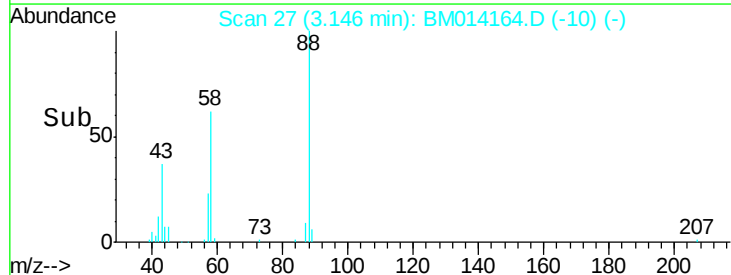
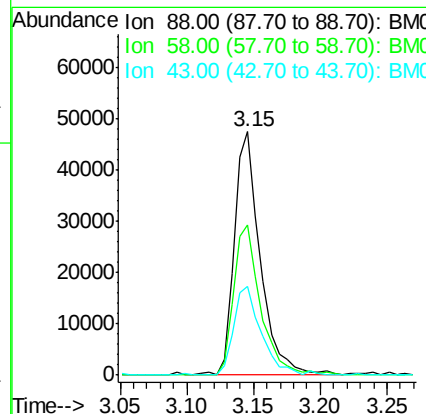
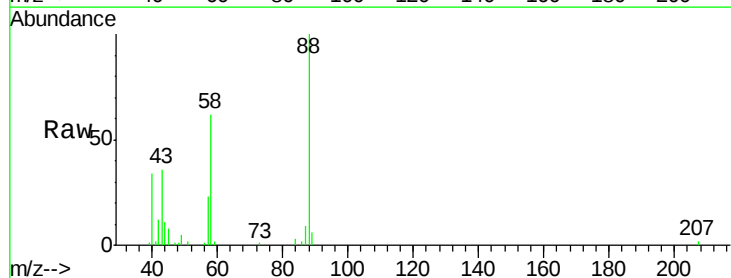
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2/8/2018 3:50:24 PM

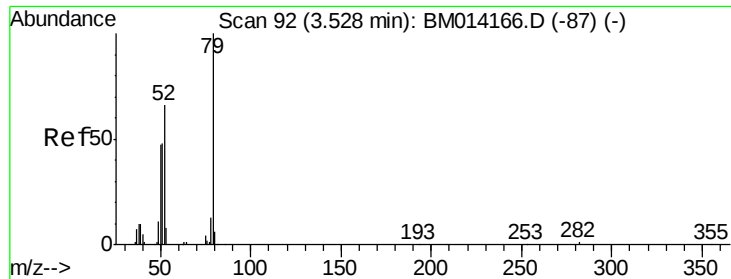


#2

1,4-Dioxane  
Concen: 37.89 ng  
RT: 3.15 min Scan# 27  
Delta R.T. 0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 64.2  | 0.0   | 0.0   |
| 43      | 38.0  | 0.0   | 0.0   |





#3

Pyridine

Concen: 40.47 ng

RT: 3.53 min Scan# 92

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

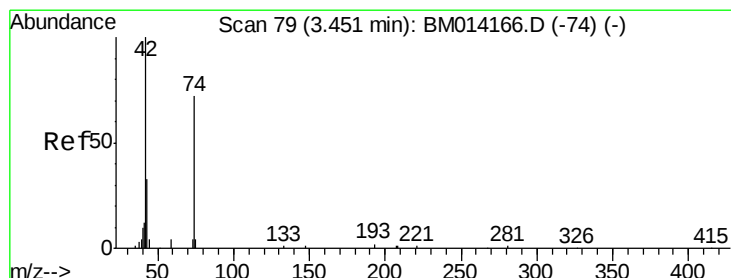
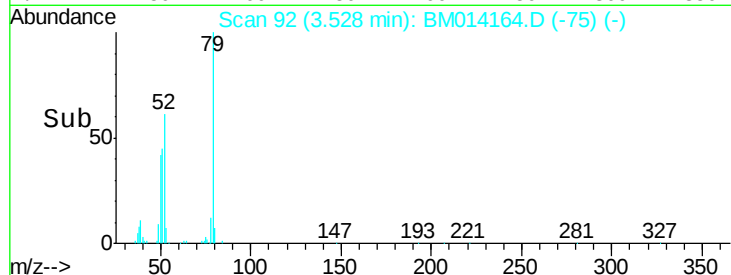
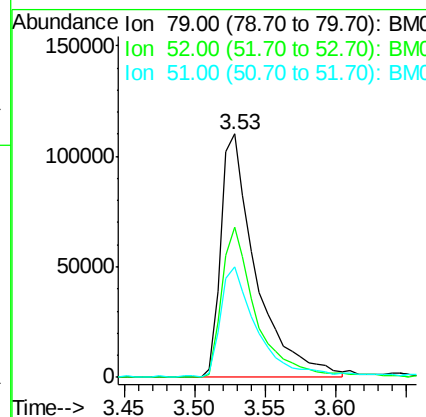
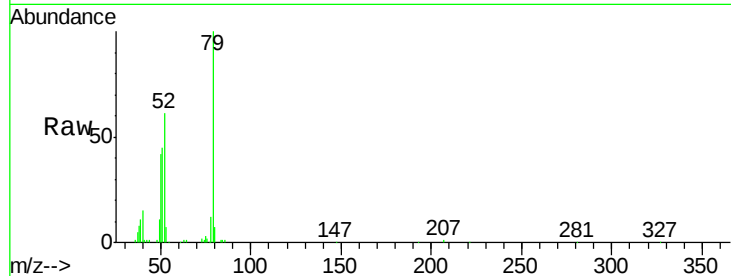
ClientSampleId :

SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 61.5  | 51.1  | 76.7  |
| 51      | 45.2  | 26.1  | 39.1# |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 42.43 ng

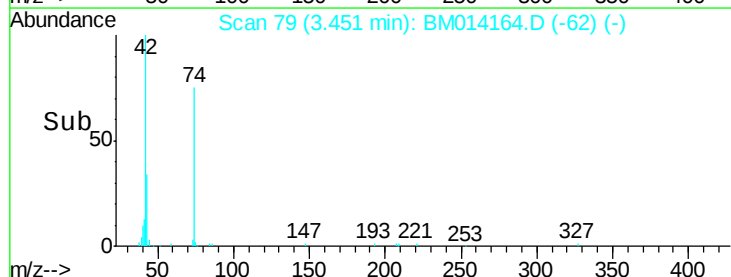
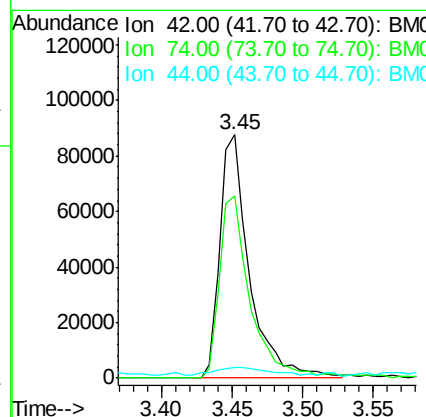
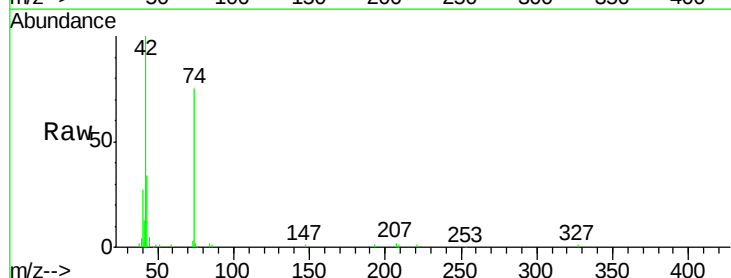
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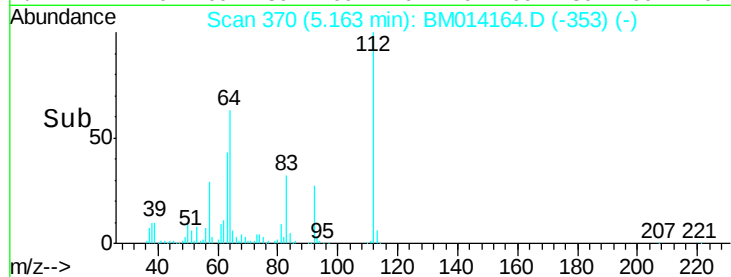
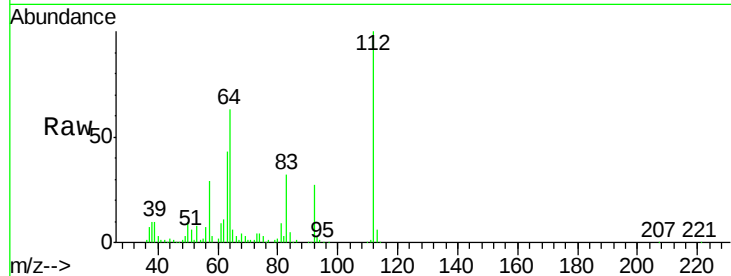
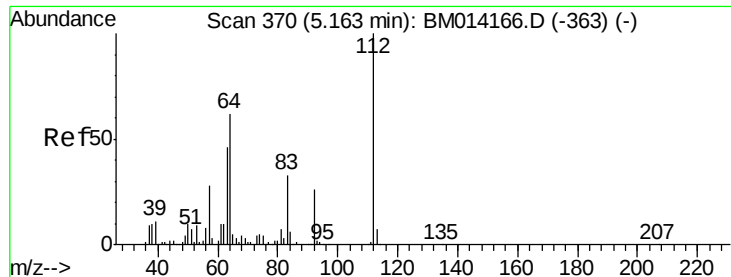
Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 74.8  | 119.3 | 178.9# |
| 44      | 4.5   | 5.4   | 8.2#   |





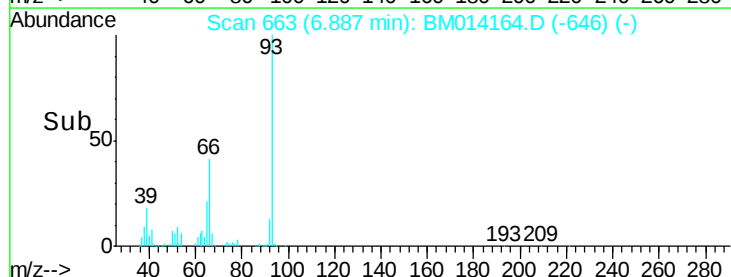
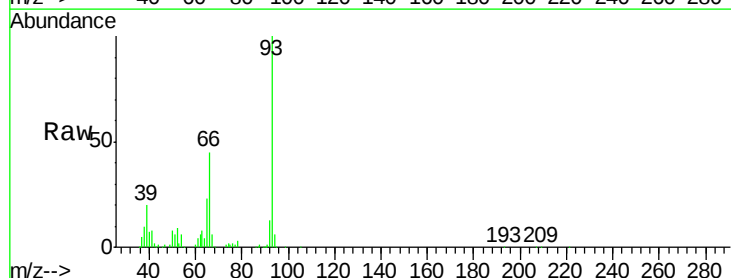
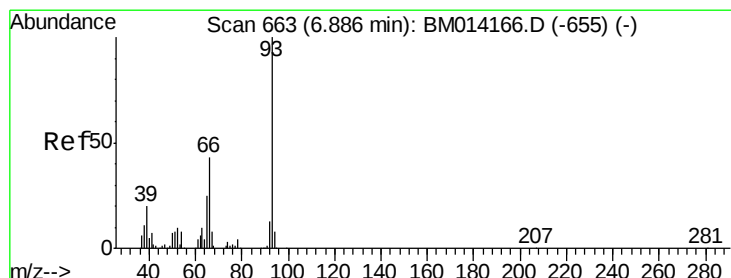
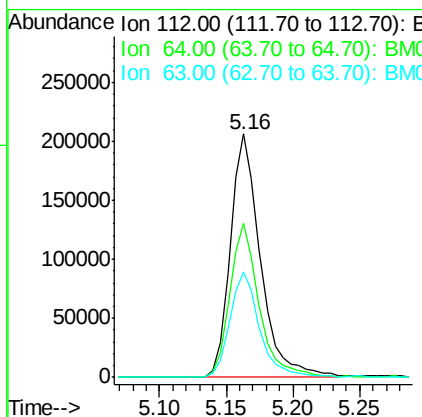
#5  
2-Fluorophenol  
Concen: 78.15 ng  
RT: 5.16 min Scan# 370  
Delta R.T. 0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 324007 |       |       |
| 64      | 63.2  | 38.6   | 57.8# |       |
| 63      | 43.3  | 19.3   | 28.9# |       |

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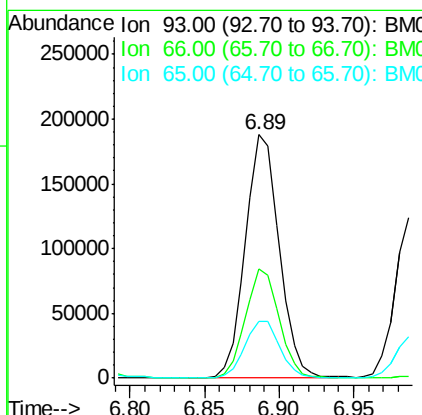
Manual Integrations  
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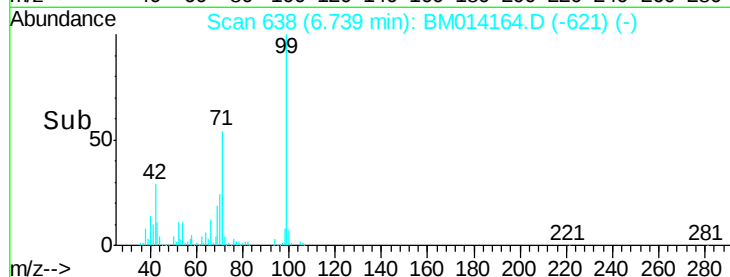
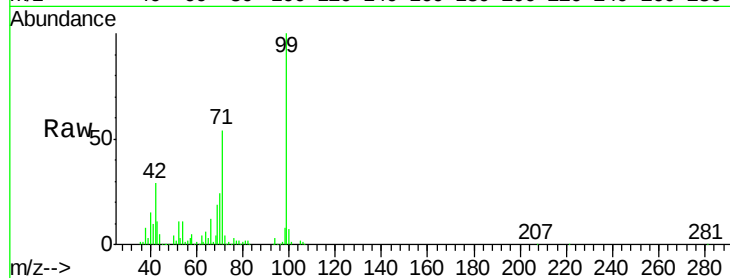
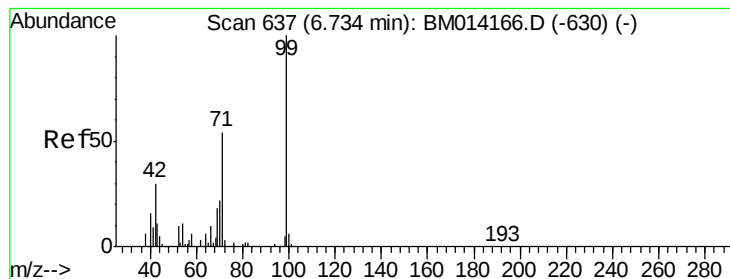
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2/8/2018 3:50:24 PM



#6  
Aniline  
Concen: 39.52 ng  
RT: 6.89 min Scan# 663  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 295832 |       |       |
| 66      | 44.9  | 30.8   | 46.2  |       |
| 65      | 23.4  | 16.0   | 24.0  |       |





#7

Phenol-d6

Concen: 79.64 ng

RT: 6.74 min Scan# 638

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 99      | 100   | 467623 |       |       |
| 42      | 29.2  | 11.0   | 16.4# |       |
| 71      | 54.3  | 23.4   | 35.2# |       |

Instrument :

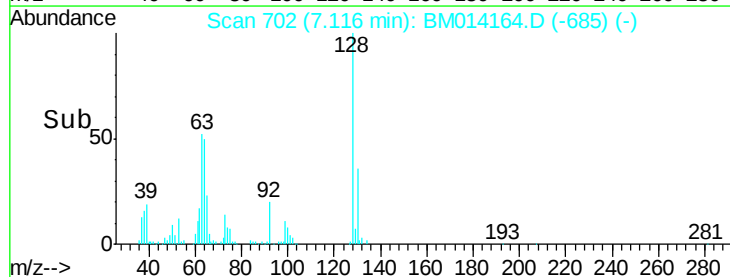
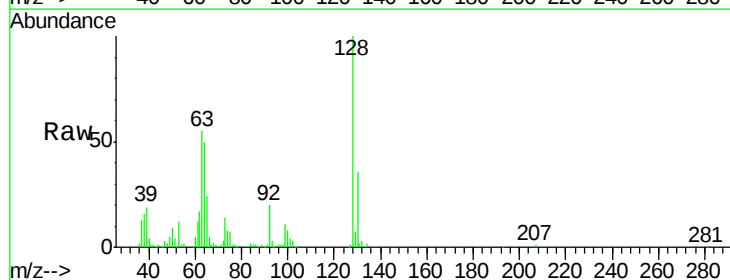
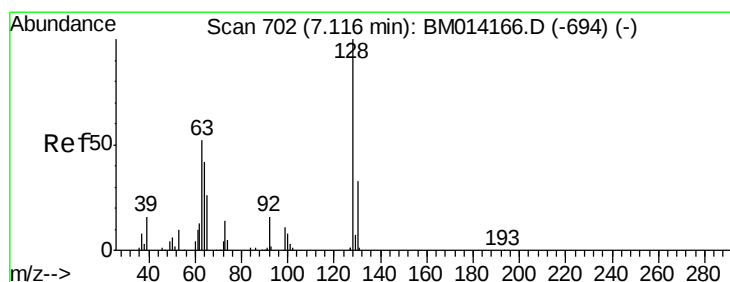
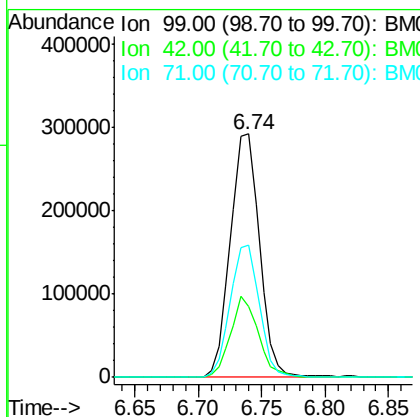
BNA\_M

ClientSampleId :

SSTICCC040EC

Manual Integrations  
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#8

2-Chlorophenol

Concen: 38.93 ng

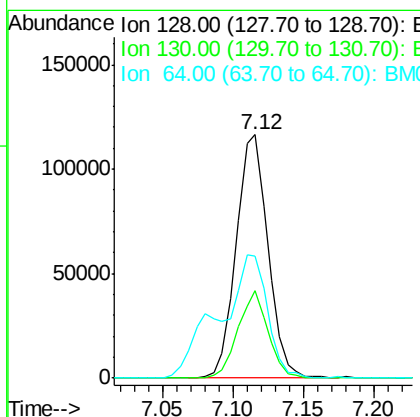
RT: 7.12 min Scan# 702

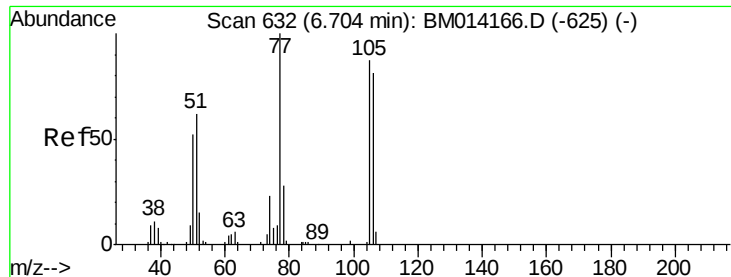
Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 183416 |       |       |
| 130     | 36.0  | 12.0   | 52.0  |       |
| 64      | 50.2  | 24.9   | 64.9  |       |





#9

Benzaldehyde

Concen: 41.03 ng

RT: 6.70 min Scan# 632

Delta R.T. -0.01 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

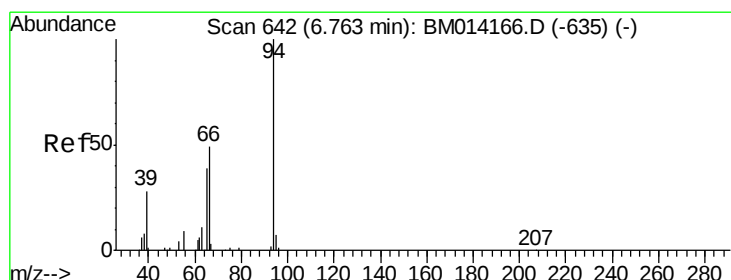
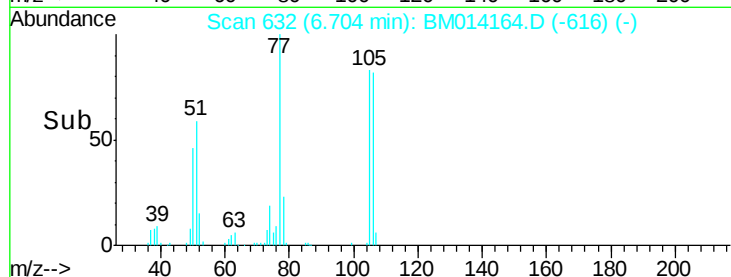
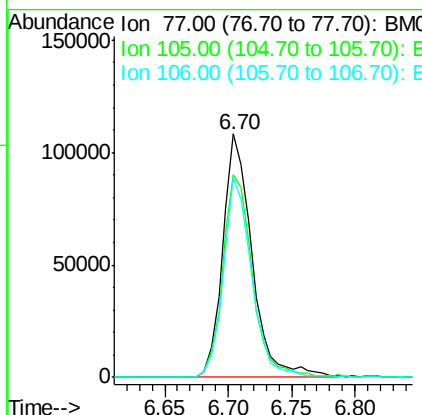
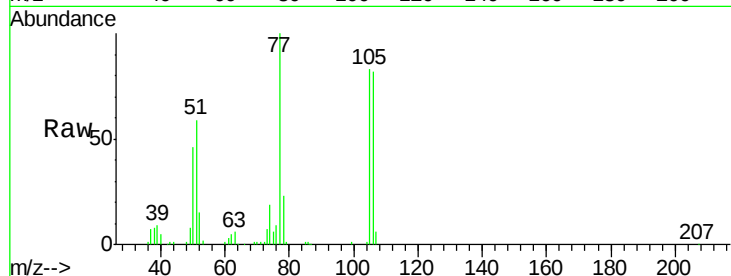
ClientSampleId :

SSTICCC040EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 173392 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 83.4  | 78.8  | 118.8  |
| 106      | 82.0  | 73.7  | 113.7  |

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#10

Phenol

Concen: 40.36 ng

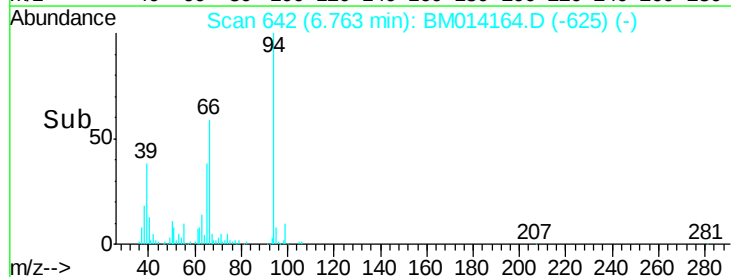
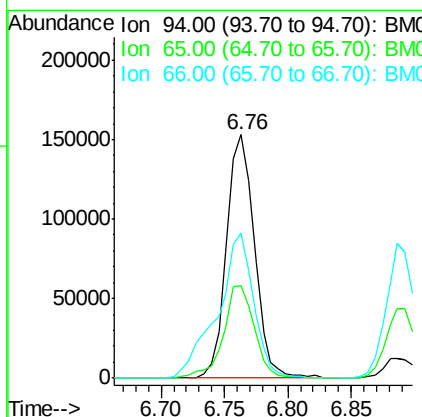
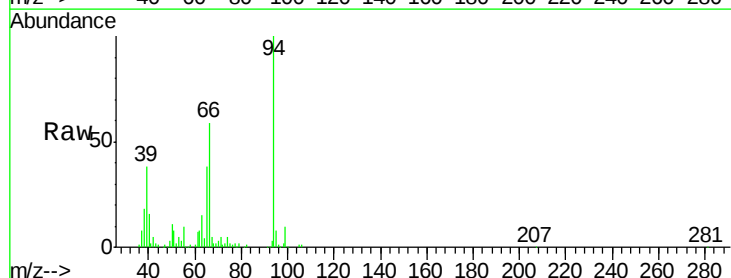
RT: 6.76 min Scan# 642

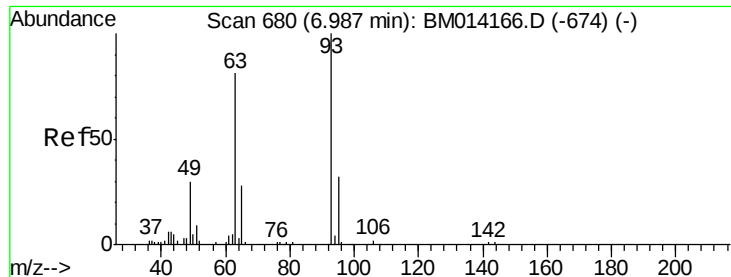
Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 233972 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 38.0  | 18.8  | 58.8   |
| 66       | 59.4  | 39.9  | 79.9   |





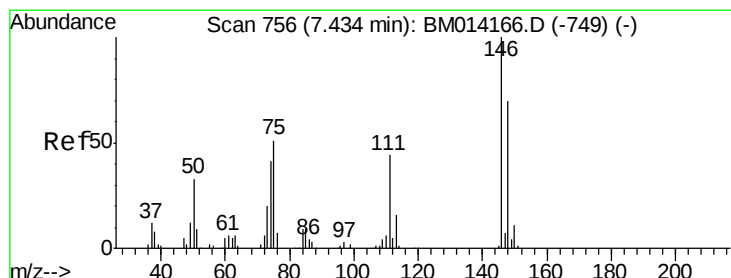
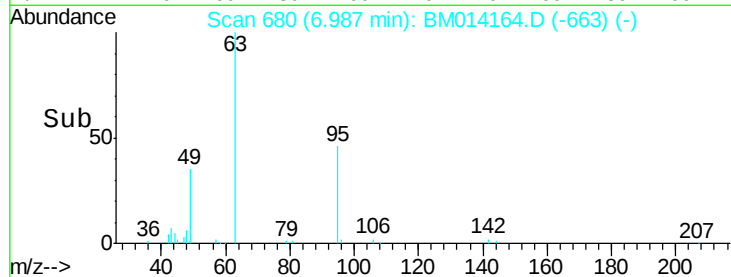
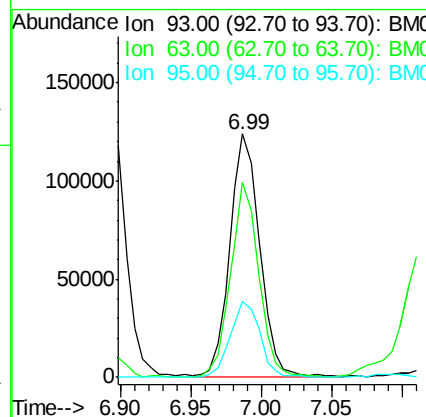
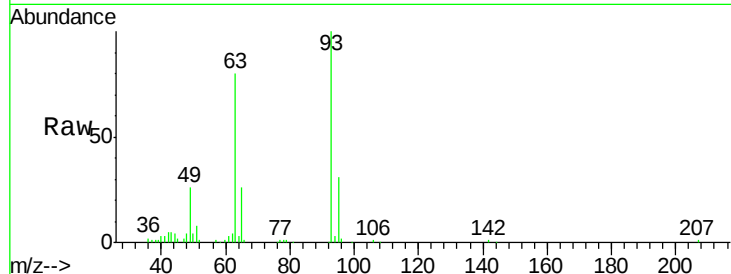
#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.39 ng  
 RT: 6.99 min Scan# 680  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 180499 |       |       |
| 63      | 79.9  | 49.5   | 89.5  |       |
| 95      | 31.2  | 13.5   | 53.5  |       |

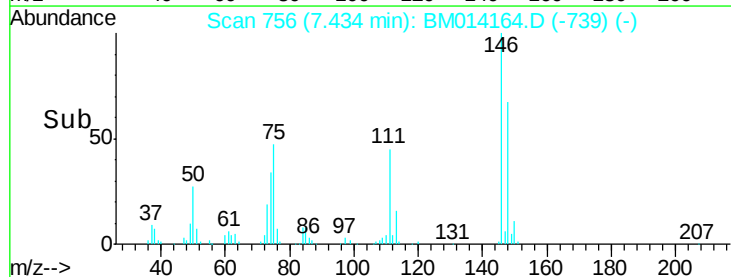
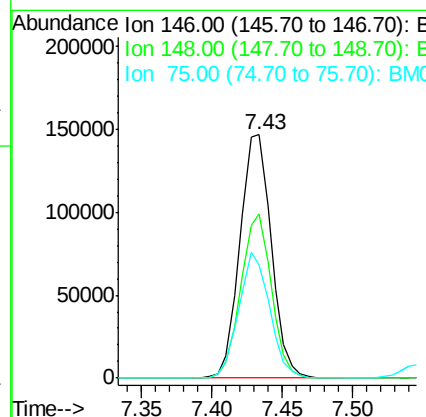
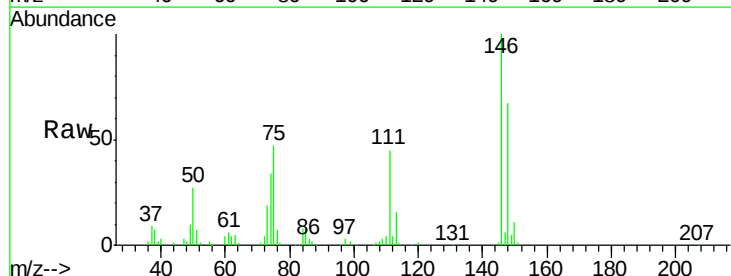
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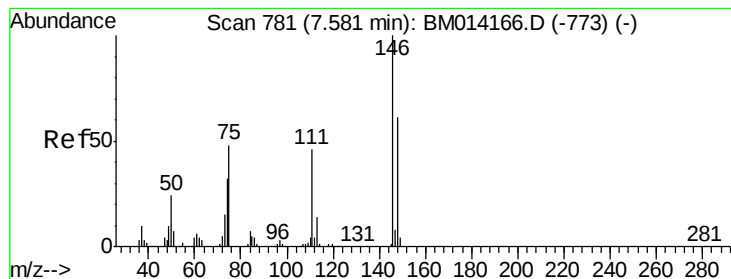
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 2/8/2018 3:50:24 PM



#12  
 1,3-Dichlorobenzene  
 Concen: 38.86 ng  
 RT: 7.43 min Scan# 756  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 228898 |       |       |
| 148     | 67.4  | 50.9   | 76.3  |       |
| 75      | 46.7  | 21.4   | 32.2  |       |





#13

1,4-Dichlorobenzene

Concen: 40.26 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

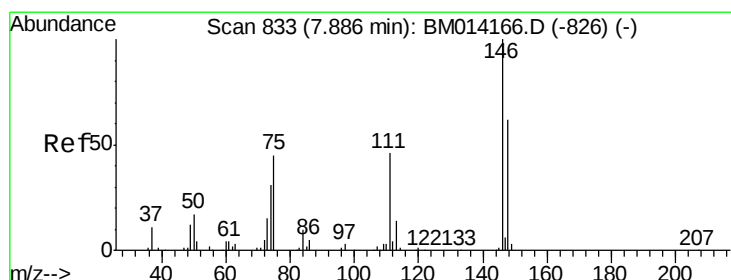
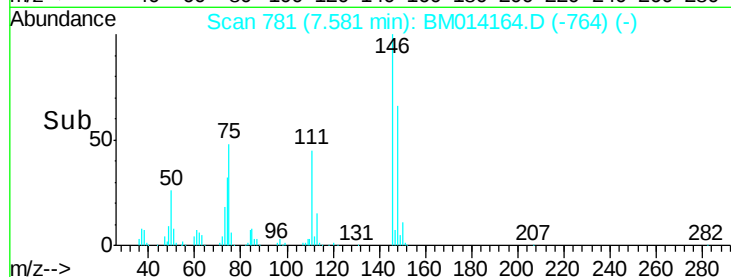
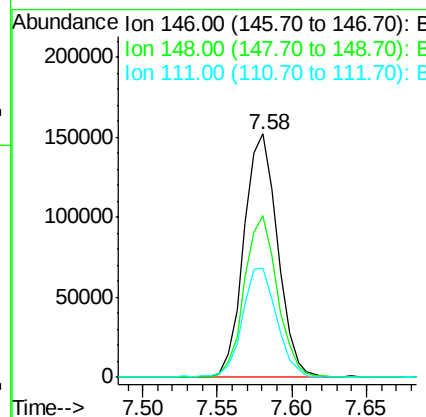
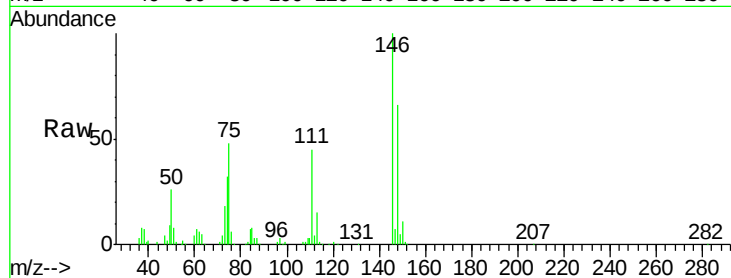
ClientSampleId :

SSTICCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 238237 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.4  | 51.9  | 77.9   |
| 111       | 45.0  | 29.2  | 43.8#  |

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#14

1,2-Dichlorobenzene

Concen: 40.02 ng

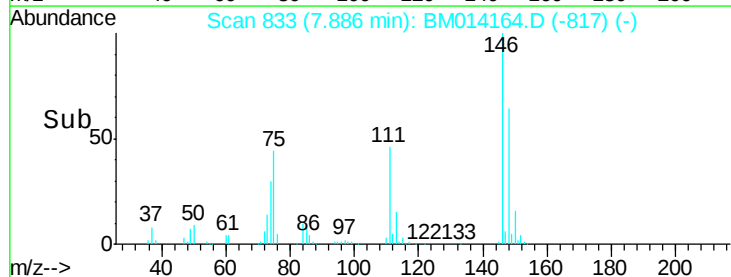
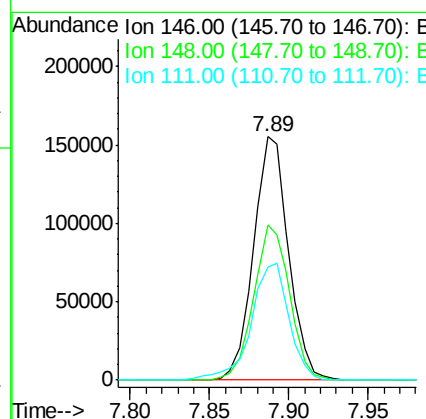
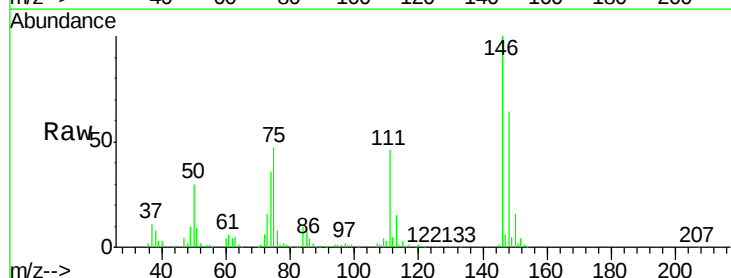
RT: 7.89 min Scan# 833

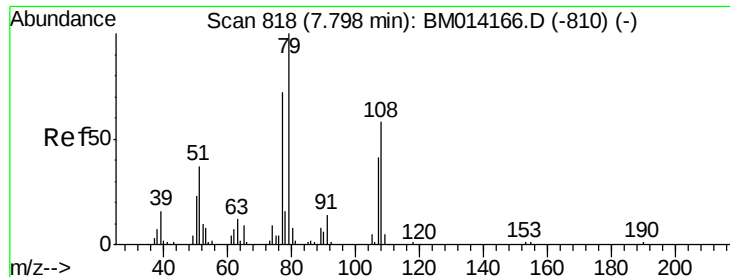
Delta R.T. -0.01 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 238323 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.8  | 52.3  | 78.5   |
| 111       | 46.3  | 30.6  | 45.8#  |





#15

Benzyl Alcohol

Concen: 41.41 ng

RT: 7.80 min Scan# 818

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

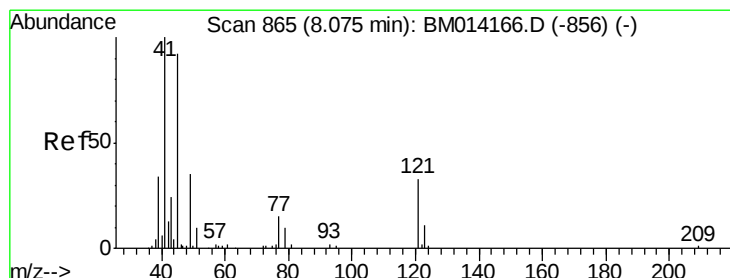
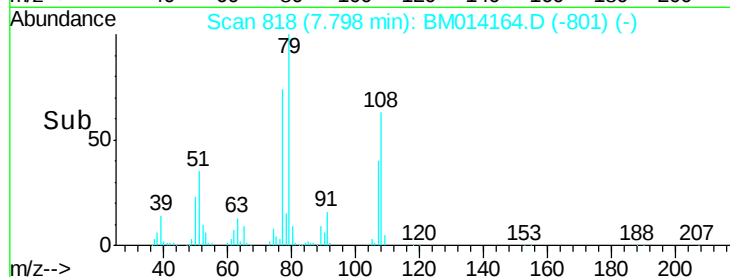
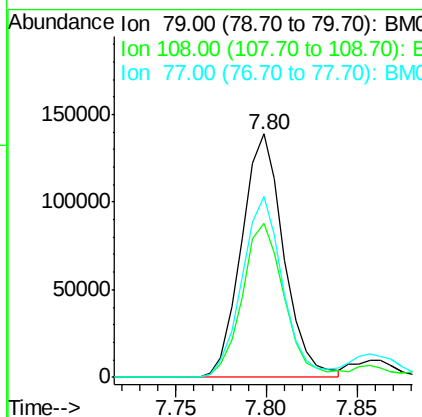
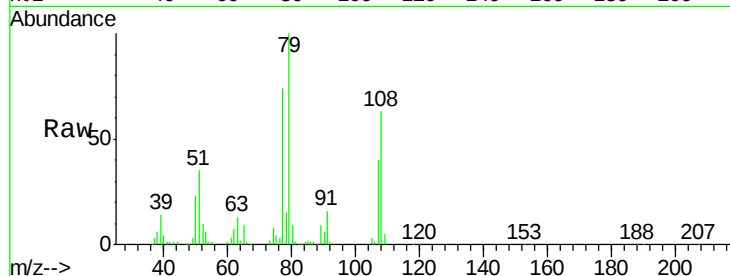
ClientSampleId :

SSTICCC040EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 225291 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 63.5  | 65.0  | 97.4#  |
| 77        | 74.4  | 53.0  | 79.6   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.56 ng

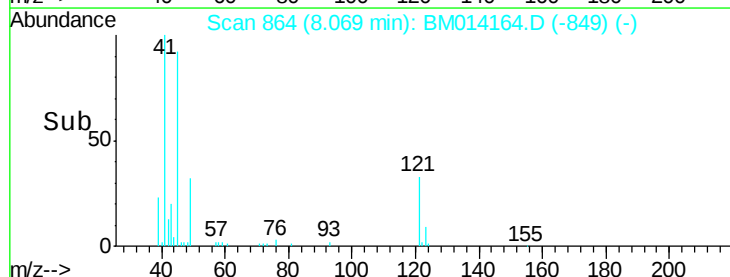
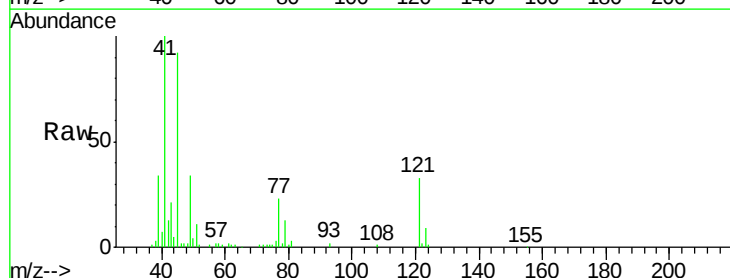
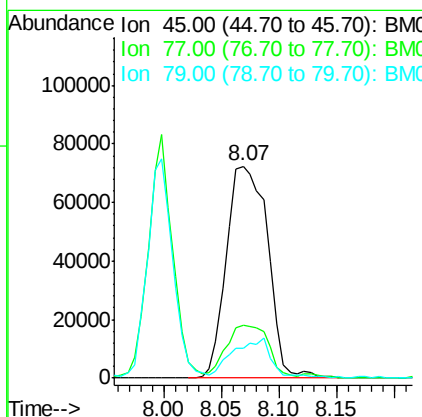
RT: 8.07 min Scan# 864

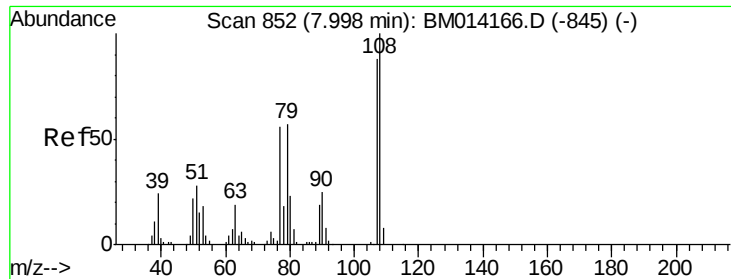
Delta R.T. -0.01 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 179717 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 25.2  | 0.0   | 35.2   |
| 79        | 14.3  | 0.0   | 32.0   |





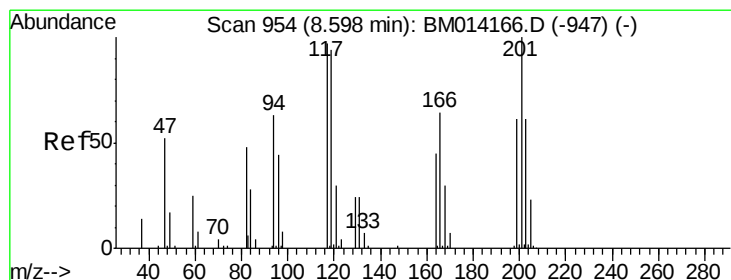
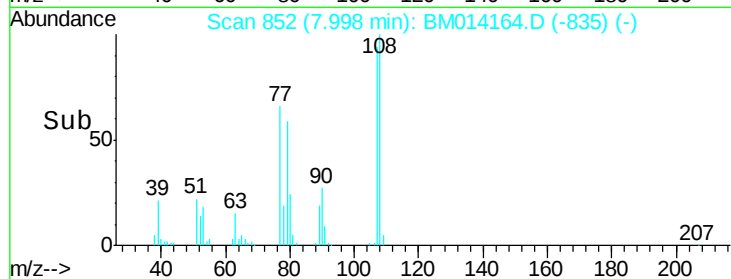
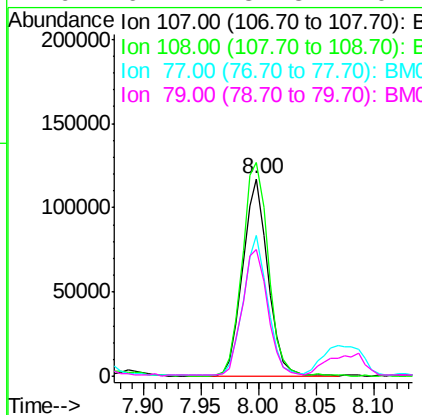
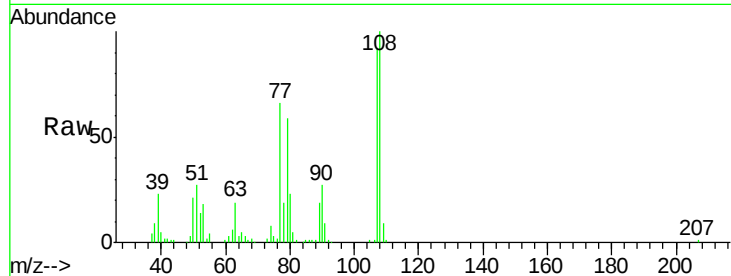
#17  
2-Methylphenol  
Concen: 40.02 ng  
RT: 8.00 min Scan# 852  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 107     | 100   |            |            |
| 108     | 108.3 | 89.8       | 134.8      |
| 77      | 71.1  | 32.6       | 48.8       |
| 79      | 64.2  | 32.8       | 49.2       |

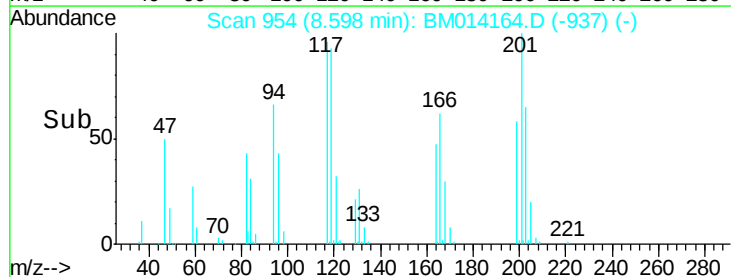
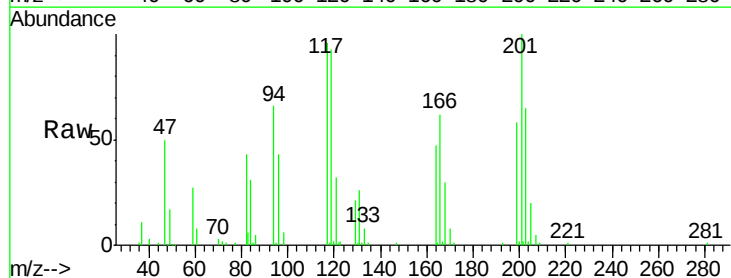
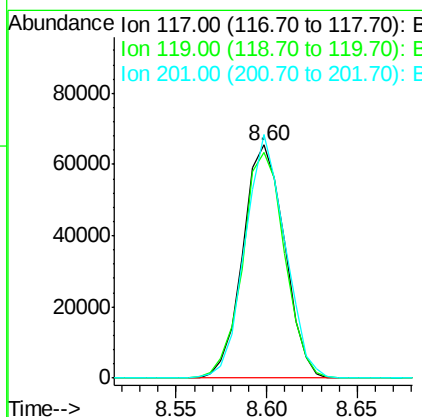
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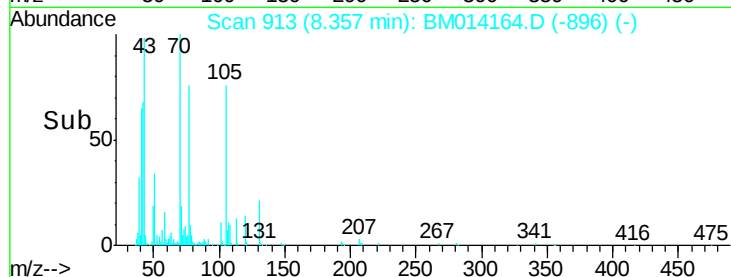
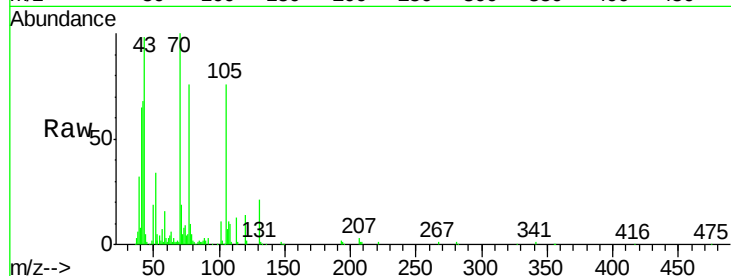
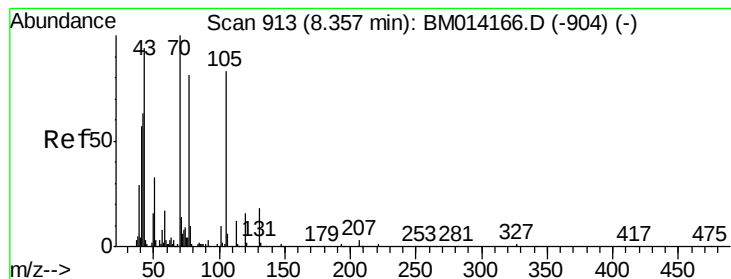
Sohil  
2/8/2018 3:50:24 PM



#18  
Hexachloroethane  
Concen: 40.82 ng  
RT: 8.60 min Scan# 954  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 119     | 96.9  | 79.2       | 118.8      |
| 201     | 104.6 | 69.8       | 104.6      |





#19

n-Nitroso-di-n-propylamine

Concen: 41.81 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

ClientSampleId :

SSTICCC040EC

Tgt Ion: 70 Resp: 211505

Ion Ratio Lower Upper

70 100

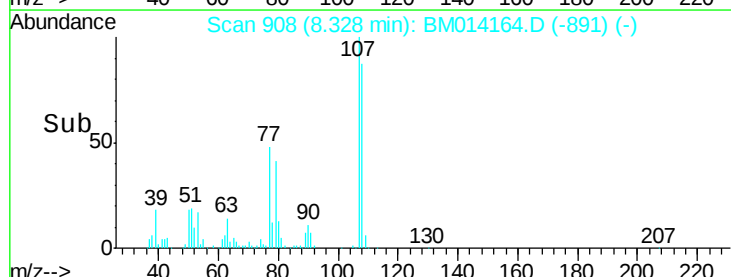
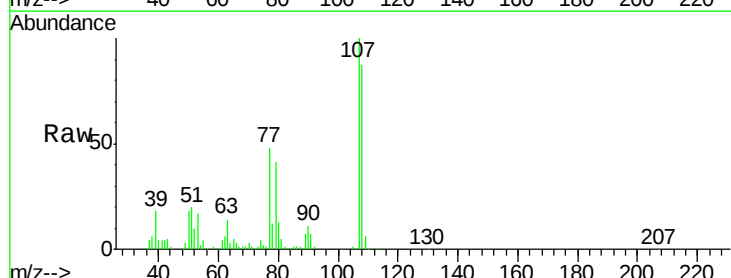
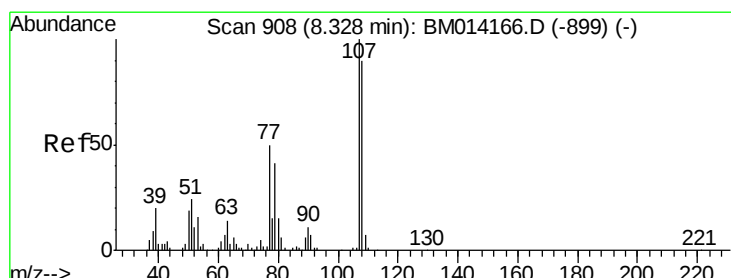
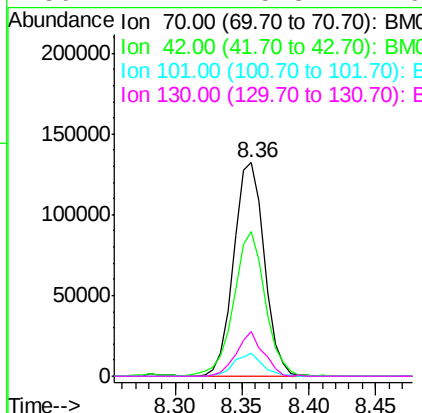
42 67.7 44.5 66.7#

101 10.5 7.4 11.2

130 21.1 15.3 22.9

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#20

3+4-Methylphenols

Concen: 40.74 ng

RT: 8.33 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Tgt Ion: 107 Resp: 261722

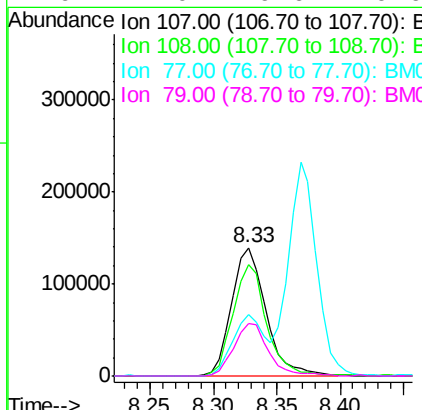
Ion Ratio Lower Upper

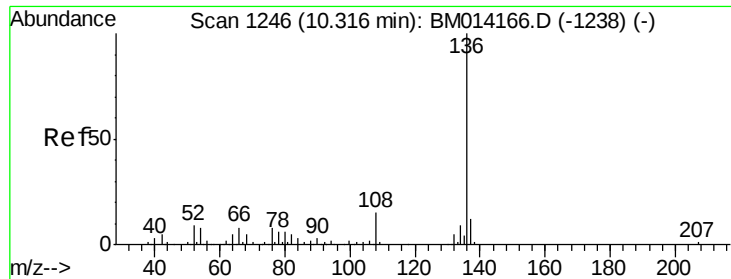
107 100

108 87.0 73.2 113.2

77 48.0 10.7 50.7

79 41.0 9.6 49.6





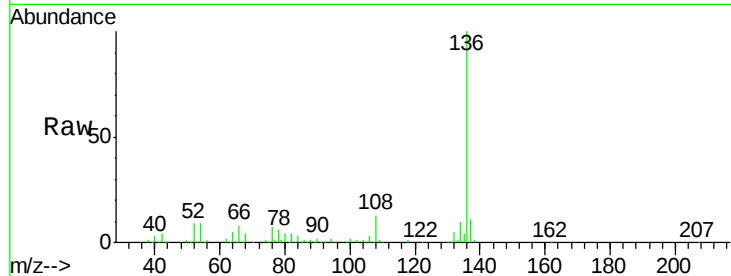
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.32 min Scan# 1246  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

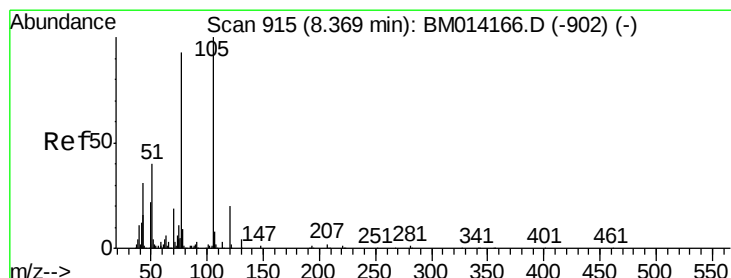
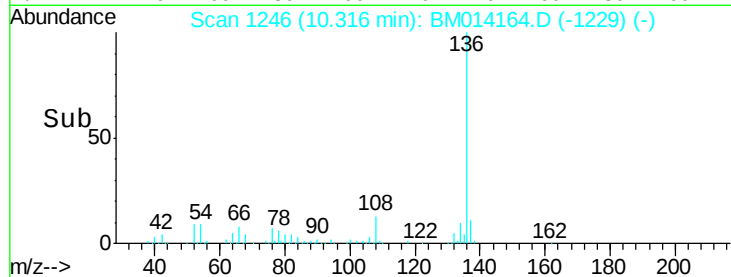
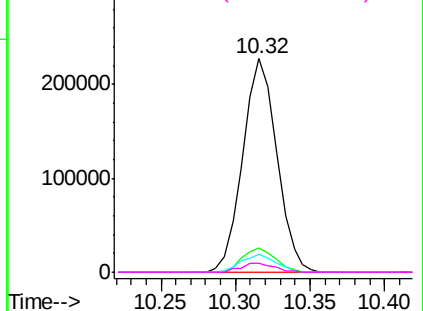
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 360409 |       |       |
| 137     | 11.3  | 8.7    | 13.1  |       |
| 54      | 8.5   | 4.6    | 6.8#  |       |
| 68      | 4.3   | 3.7    | 5.5   |       |

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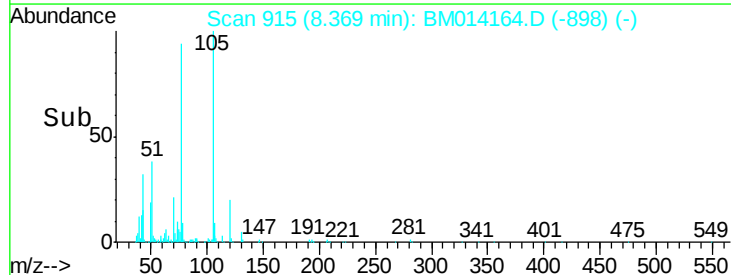
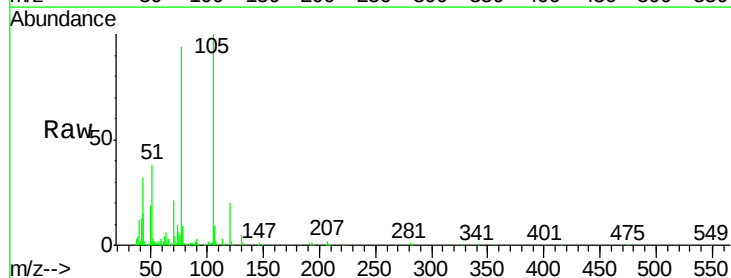
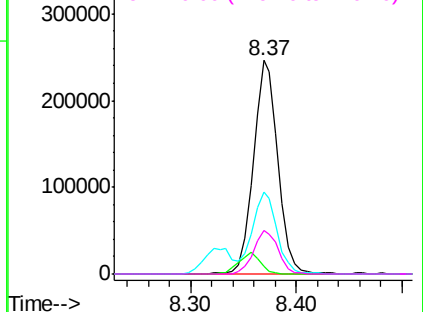
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

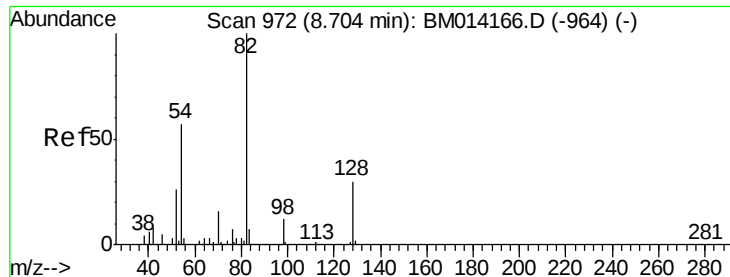


#22  
Acetophenone  
Concen: 38.23 ng  
RT: 8.37 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 396229 |       |       |
| 71      | 3.6   | 0.6    | 1.0#  |       |
| 51      | 38.5  | 21.6   | 32.4# |       |
| 120     | 20.5  | 16.1   | 24.1  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 120.00 (119.70 to 120.70): E





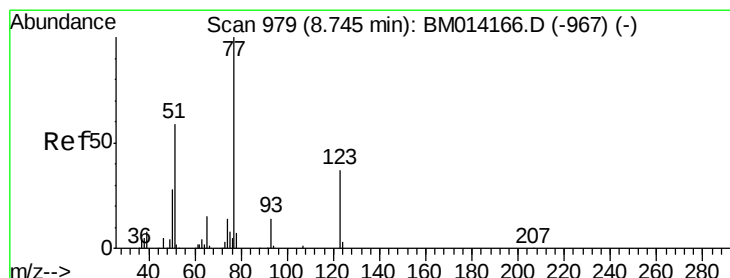
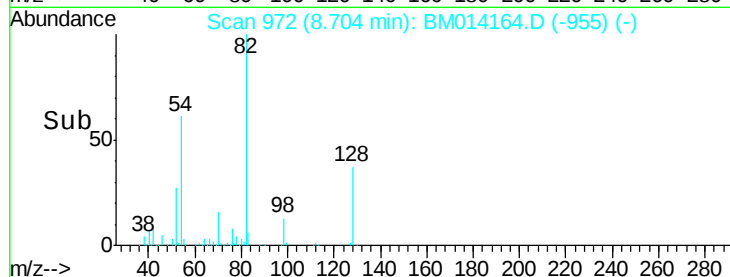
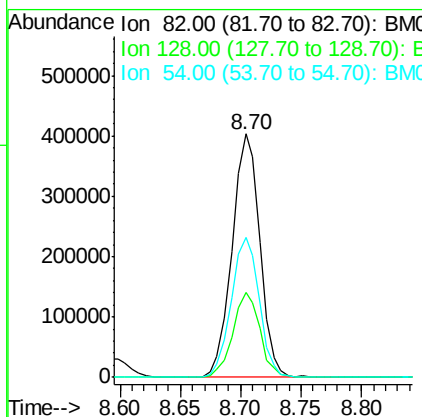
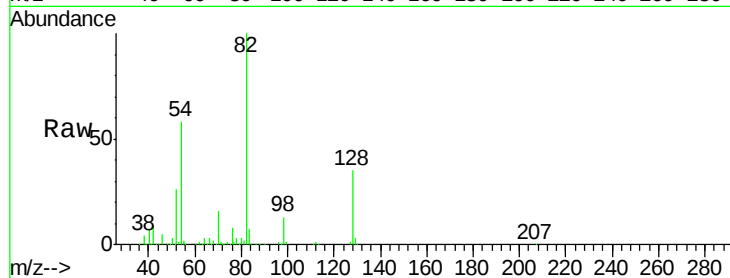
#23  
Nitrobenzene-d5  
Concen: 80.24 ng  
RT: 8.70 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 34.6  | 32.8  | 49.2  |
| 54      | 57.5  | 40.6  | 60.8  |

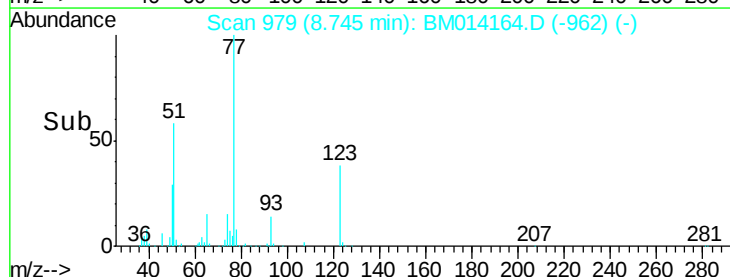
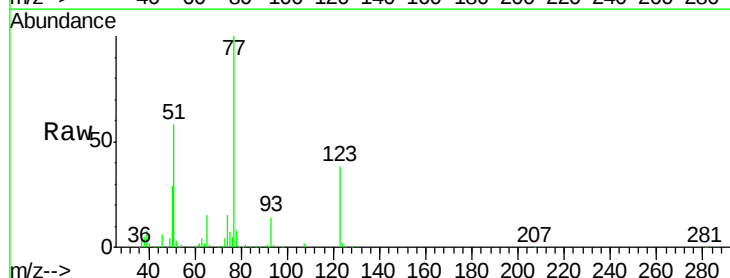
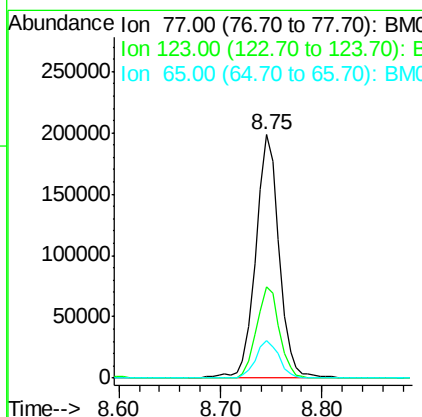
Manual Integrations  
APPROVED

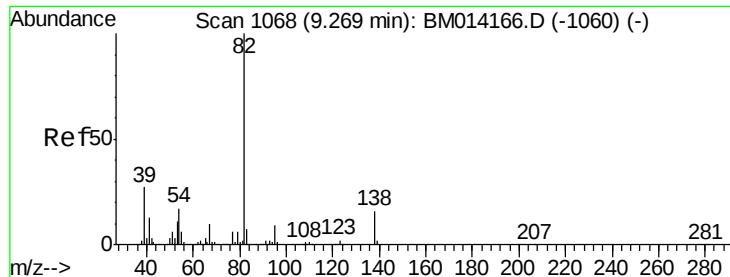
Sohil  
2/8/2018 3:50:24 PM



#24  
Nitrobenzene  
Concen: 38.18 ng  
RT: 8.75 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 37.7  | 32.6  | 49.0  |
| 65      | 15.4  | 10.9  | 16.3  |





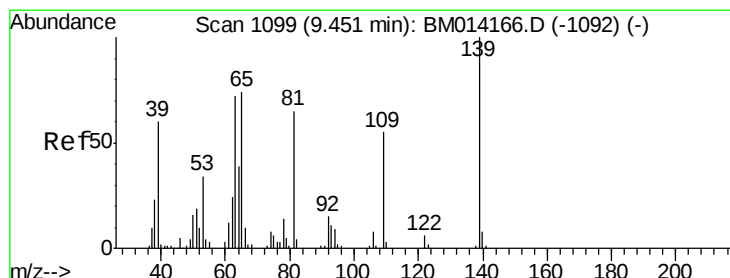
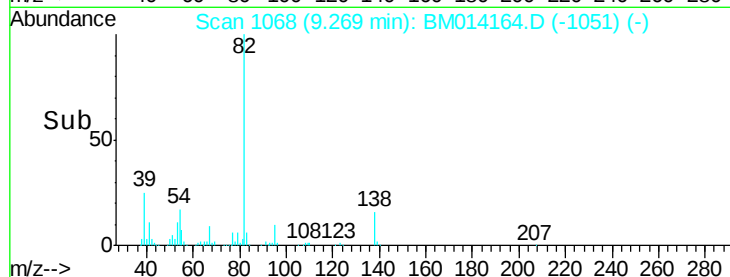
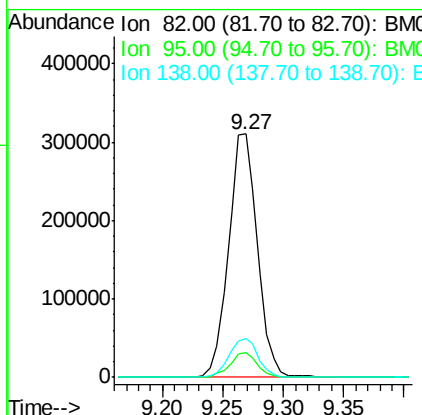
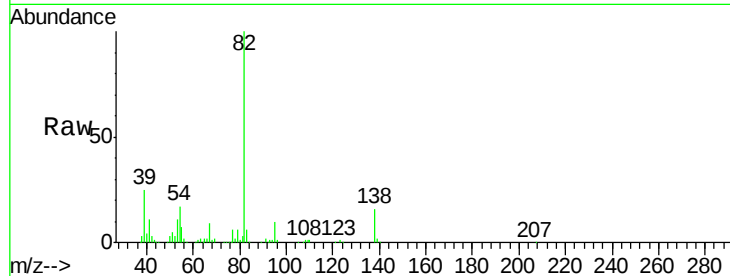
#25  
Isophorone  
Concen: 38.62 ng  
RT: 9.27 min Scan# 1068  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 95      | 10.1  | 5.8        | 8.6#  |
| 138     | 15.9  | 16.3       | 24.5# |

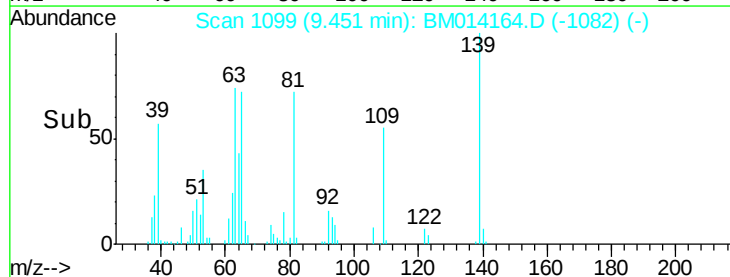
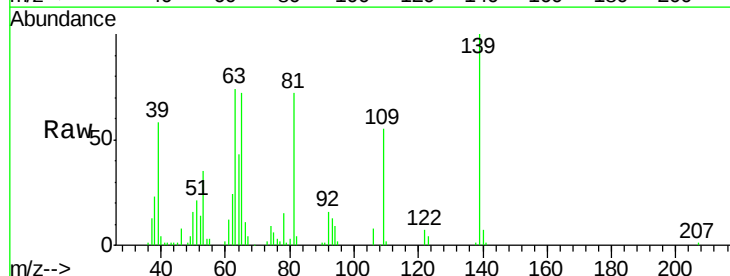
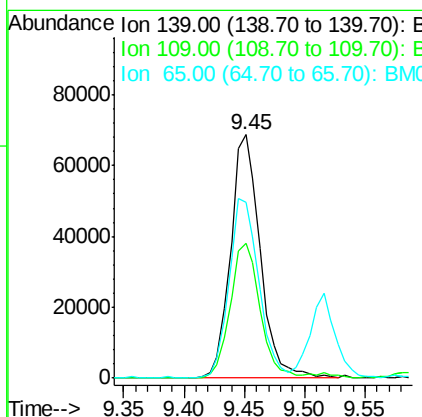
Manual Integrations  
APPROVED

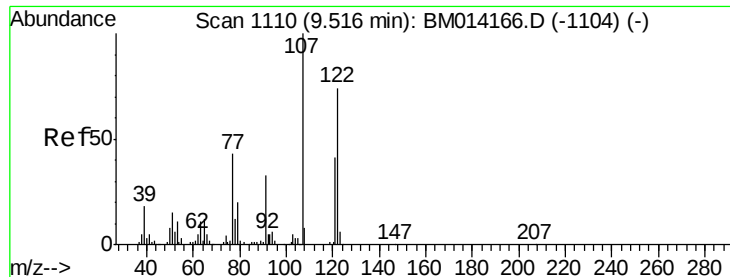
Sohil  
2/8/2018 3:50:24 PM



#26  
2-Nitrophenol  
Concen: 37.59 ng  
RT: 9.45 min Scan# 1099  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 139     | 100   |            |       |
| 109     | 55.3  | 20.1       | 30.1# |
| 65      | 72.3  | 31.5       | 47.3# |





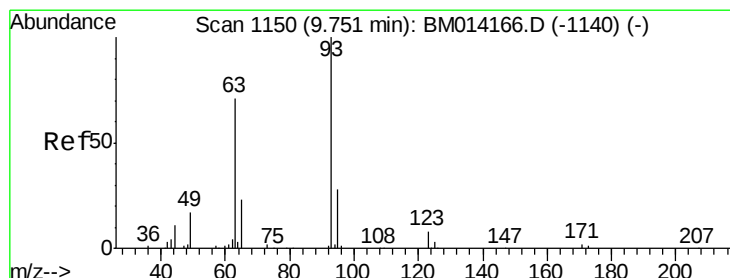
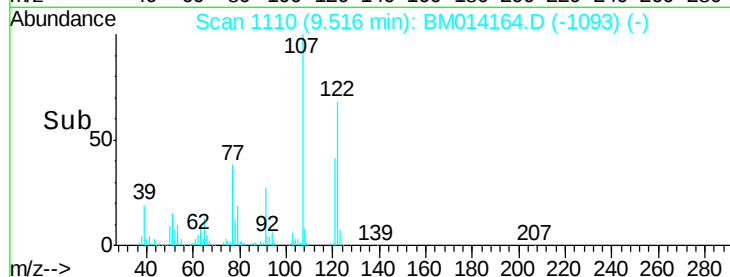
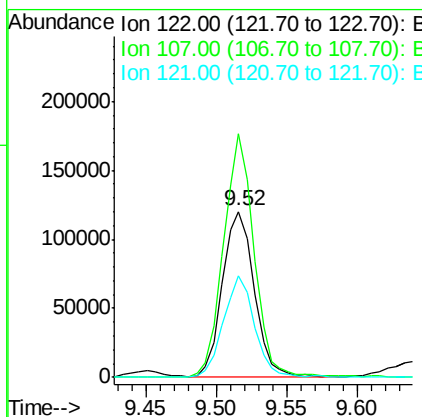
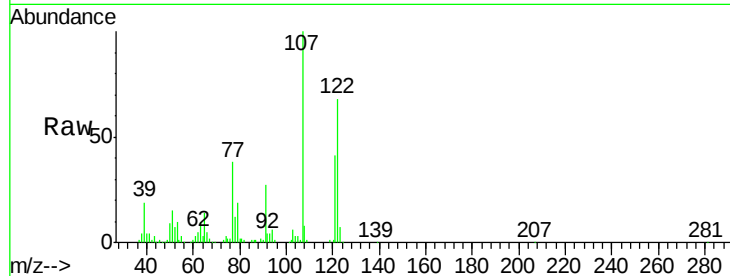
#27  
 2,4-Dimethylphenol  
 Concen: 39.26 ng  
 RT: 9.52 min Scan# 1110  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 122     | 100   | 187526 |        |       |
| 107     | 146.8 | 84.7   | 127.1# |       |
| 121     | 60.9  | 46.6   | 69.8   |       |

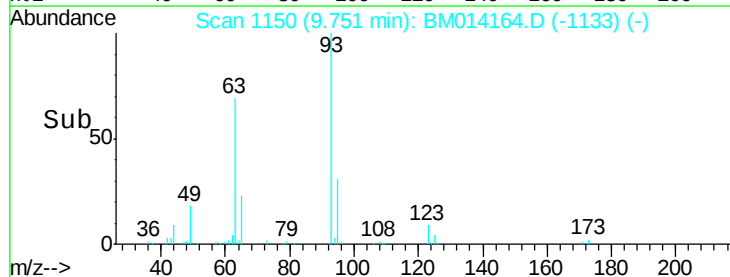
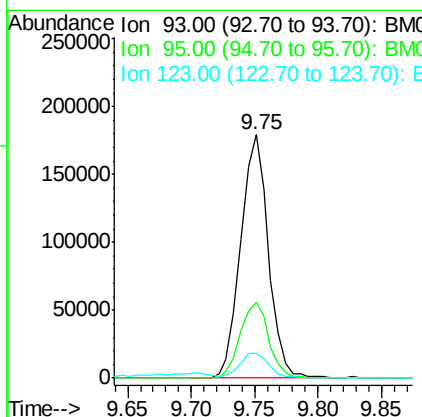
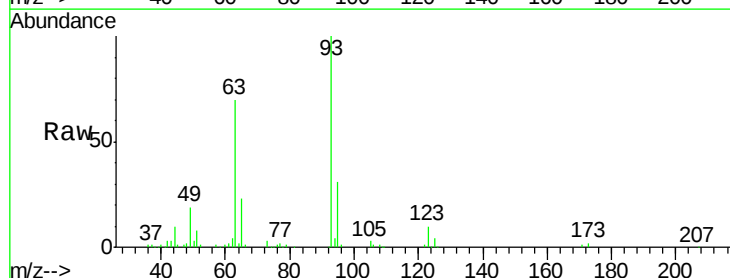
Manual Integrations  
 APPROVED

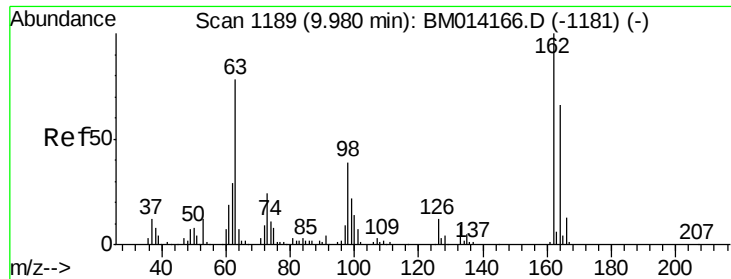
Sohil  
 2/8/2018 3:50:24 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.61 ng  
 RT: 9.75 min Scan# 1150  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 271561 |       |       |
| 95      | 31.1  | 25.5   | 38.3  |       |
| 123     | 9.9   | 8.6    | 13.0  |       |





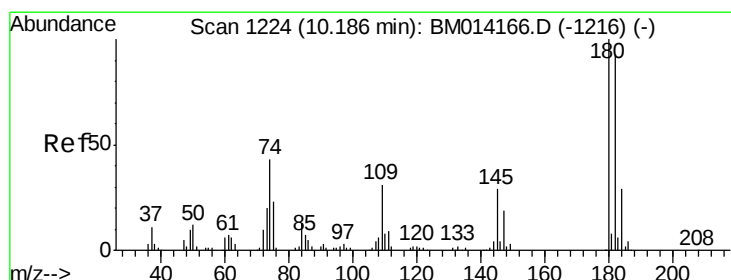
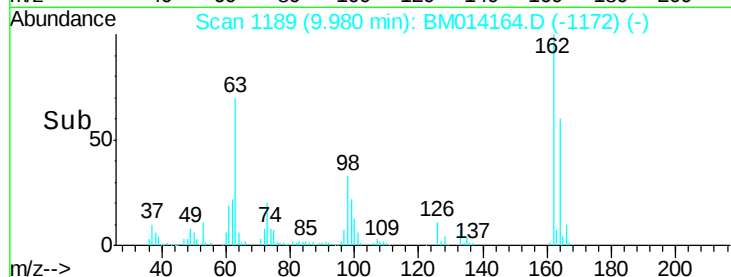
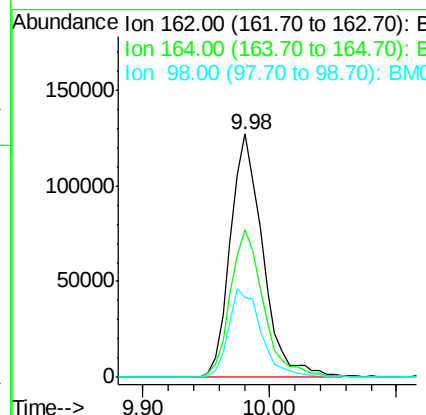
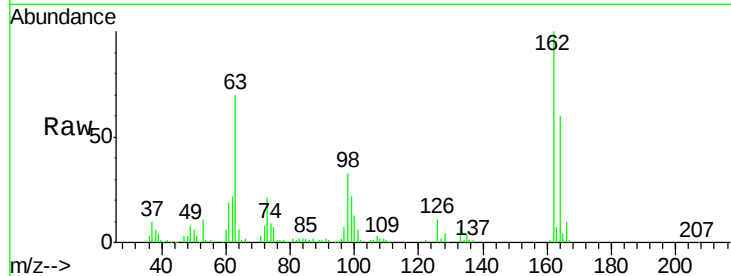
#29  
 2,4-Dichlorophenol  
 Concen: 42.29 ng  
 RT: 9.98 min Scan# 1189  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 225715 |       |       |
| 164     | 60.5  | 42.8   | 82.8  |       |
| 98      | 33.0  | 14.5   | 54.5  |       |

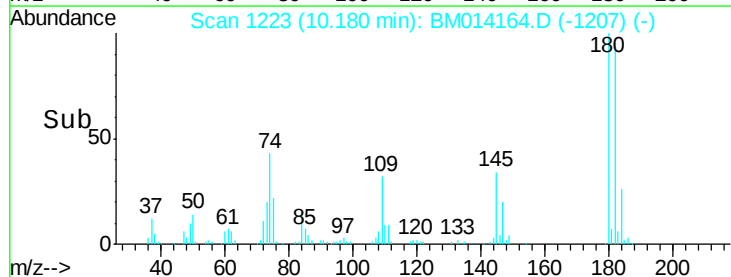
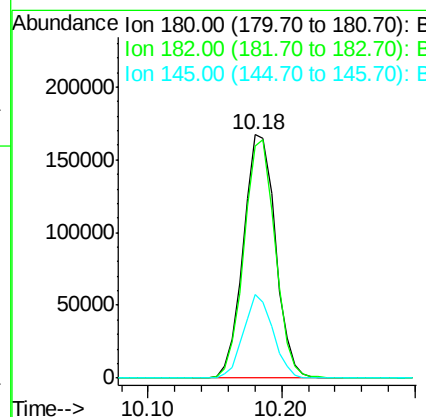
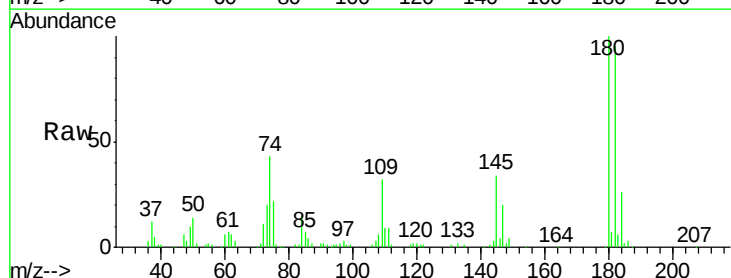
Manual Integrations  
 APPROVED

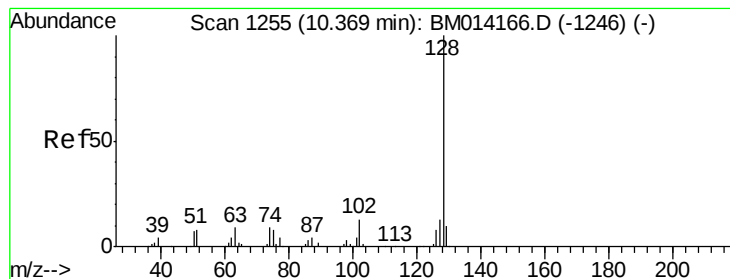
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 2/8/2018 3:50:24 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.36 ng  
 RT: 10.18 min Scan# 1223  
 Delta R.T. -0.01 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 276938 |       |       |
| 182     | 95.4  | 77.6   | 116.4 |       |
| 145     | 34.2  | 23.4   | 35.2  |       |





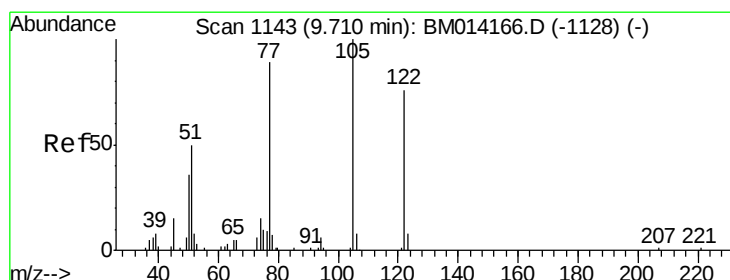
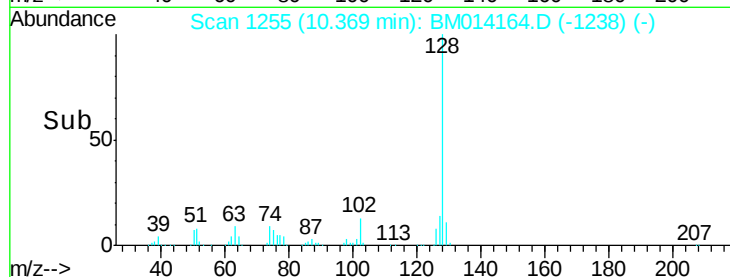
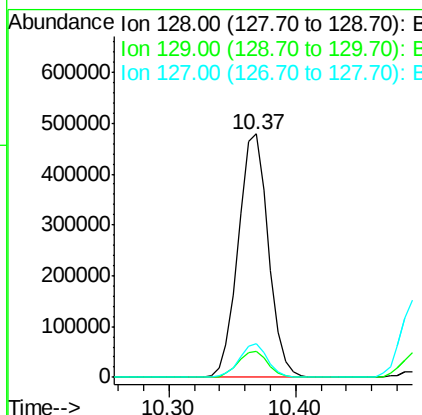
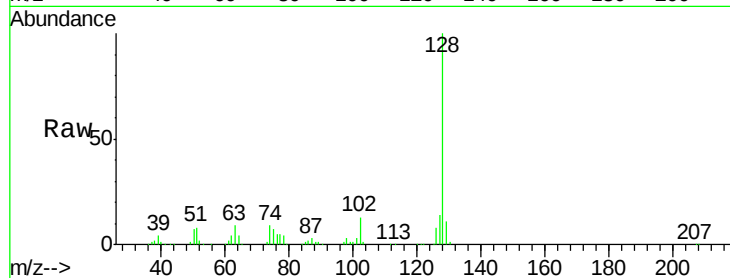
#31  
Naphthalene  
Concen: 39.96 ng  
RT: 10.37 min Scan# 1255  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 788558 |       |       |
| 129     | 10.7  |        | 8.9   | 13.3  |
| 127     | 14.0  |        | 10.4  | 15.6  |

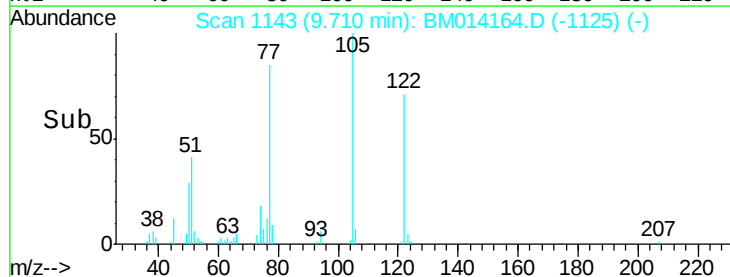
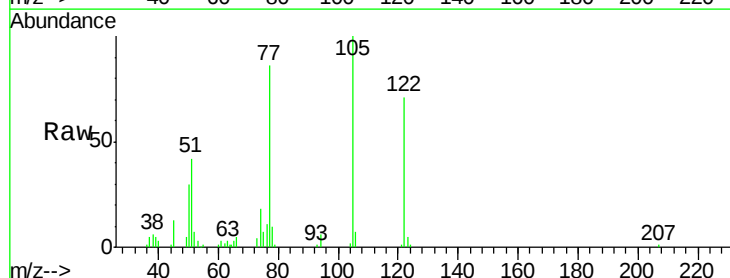
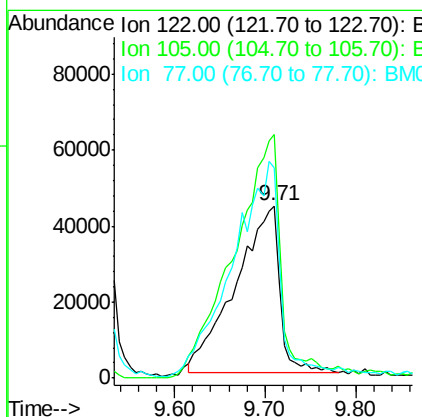
Manual Integrations  
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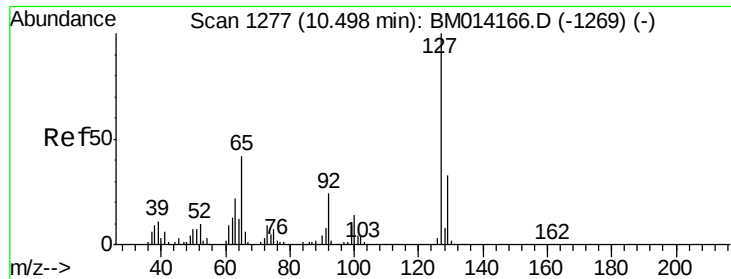
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2/8/2018 3:50:24 PM



#32  
Benzoic acid  
Concen: 38.06 ng  
RT: 9.71 min Scan# 1143  
Delta R.T. 0.01 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper  |
|---------|-------|--------|-------|--------|
| 122     | 100   | 150420 |       |        |
| 105     | 141.2 |        | 99.9  | 139.9# |
| 77      | 122.1 |        | 73.7  | 113.7# |





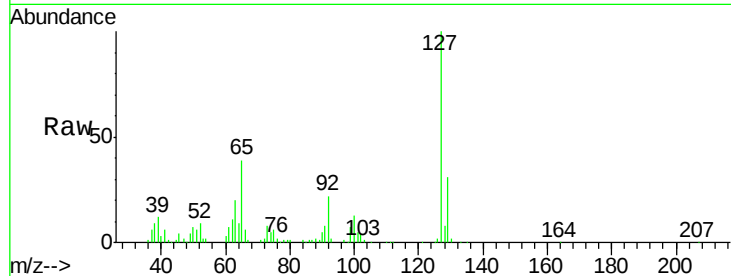
#33  
4-Chloroaniline  
Concen: 40.47 ng  
RT: 10.50 min Scan# 1277  
Delta R.T. 0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 331992 |       |       |
| 129     | 31.0  | 25.3   | 37.9  |       |
| 65      | 38.7  | 17.6   | 26.4  |       |
| 92      | 21.7  | 13.1   | 19.7  |       |

Manual Integrations  
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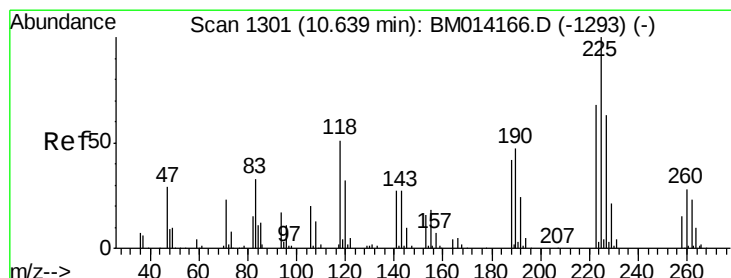
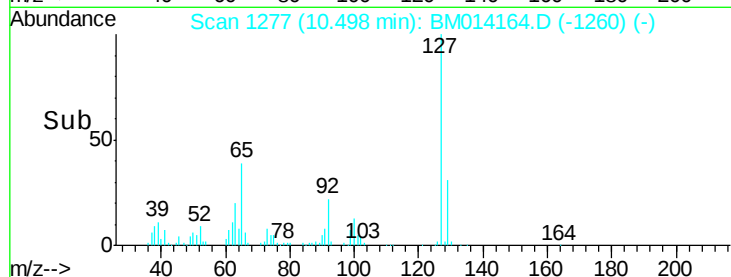
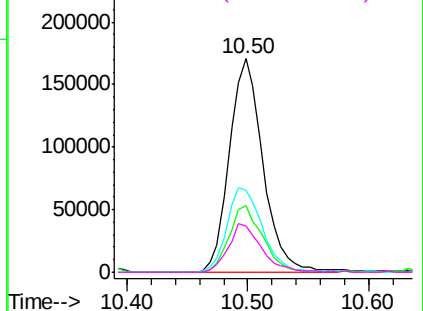
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

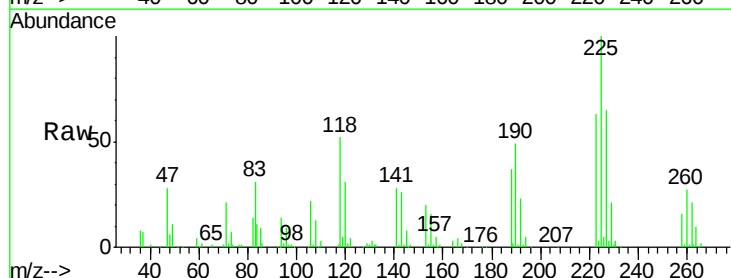
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34  
Hexachlorobutadiene  
Concen: 39.08 ng  
RT: 10.64 min Scan# 1301  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 188599 |       |       |
| 223     | 62.6  | 47.9   | 71.9  |       |
| 227     | 64.9  | 50.1   | 75.1  |       |

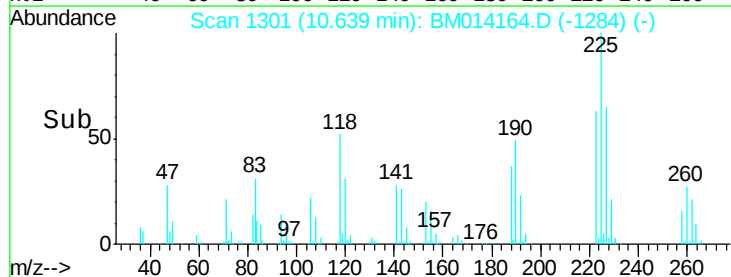
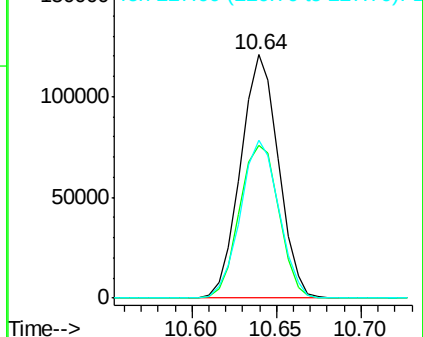


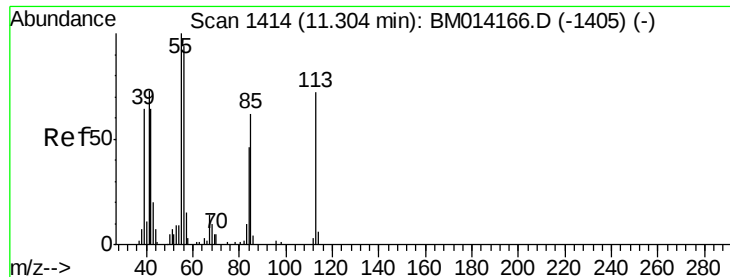
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.78 ng m

RT: 11.30 min Scan# 1414

Delta R.T. 0.01 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

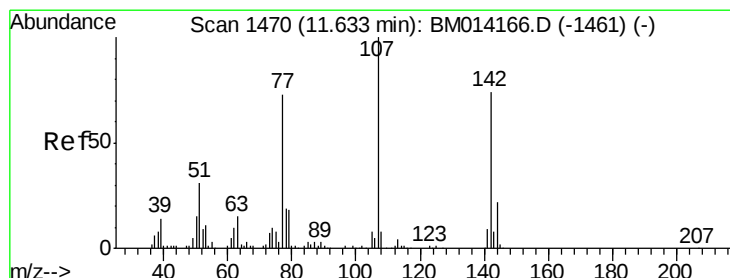
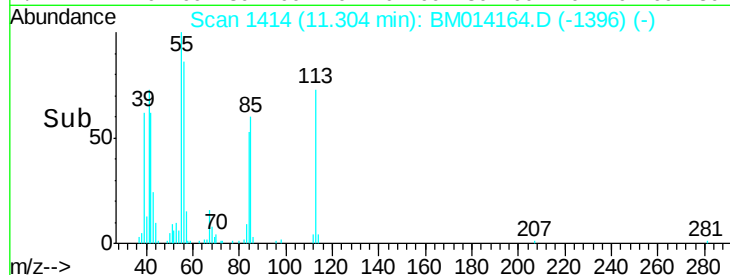
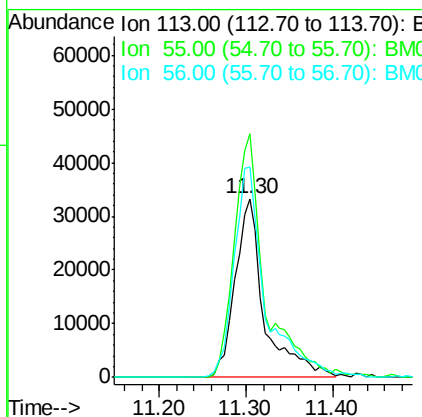
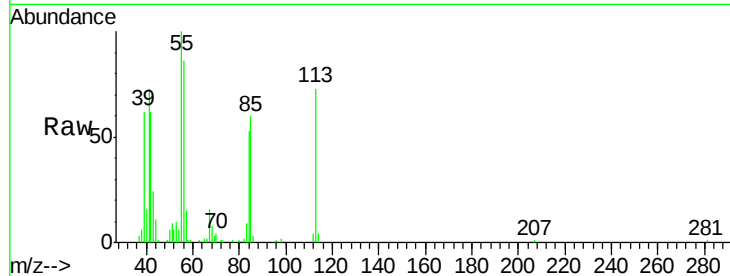
ClientSampleId :

SSTICCC040EC

Tgt Ion:113 Resp: 77843  
 Ion Ratio Lower Upper  
 113 100  
 55 136.5 145.9 185.9#  
 56 117.9 101.0 141.0

Manual Integrations  
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 2/8/2018 3:50:24 PM



#36

4-Chloro-3-methylphenol

Concen: 42.78 ng

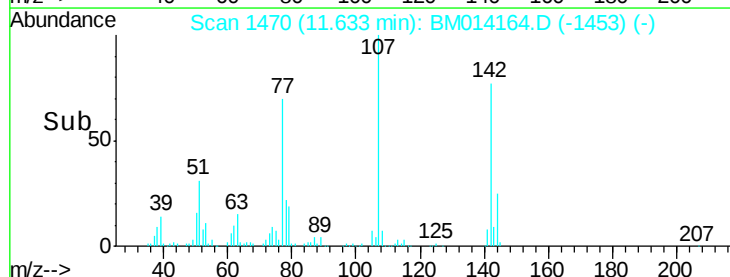
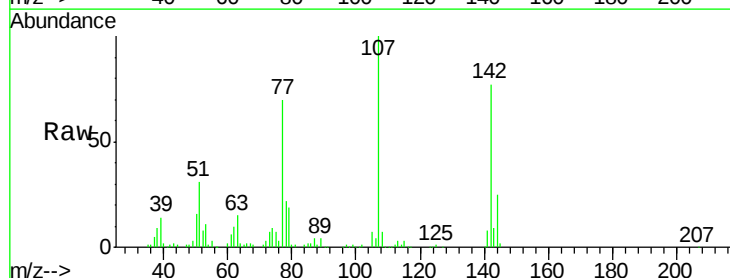
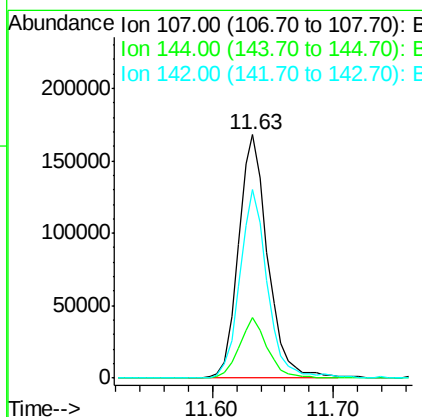
RT: 11.63 min Scan# 1470

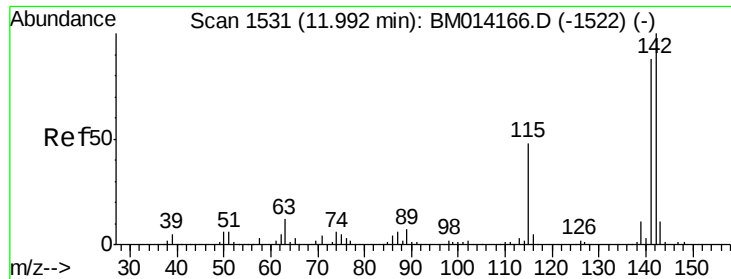
Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Tgt Ion:107 Resp: 282888  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 23.3 34.9  
 142 77.4 72.6 109.0





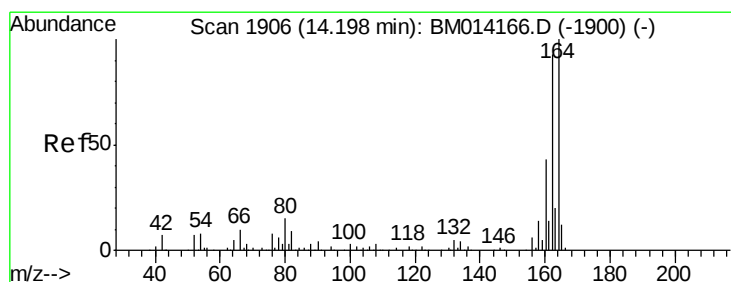
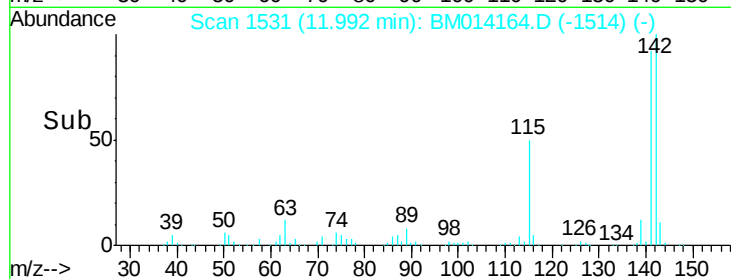
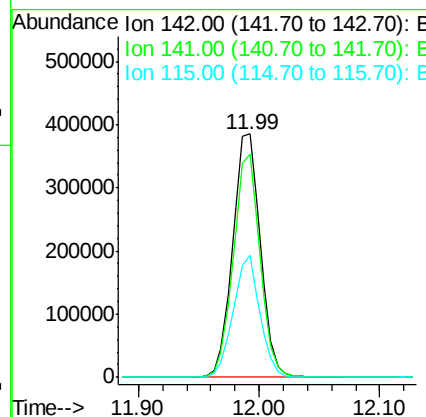
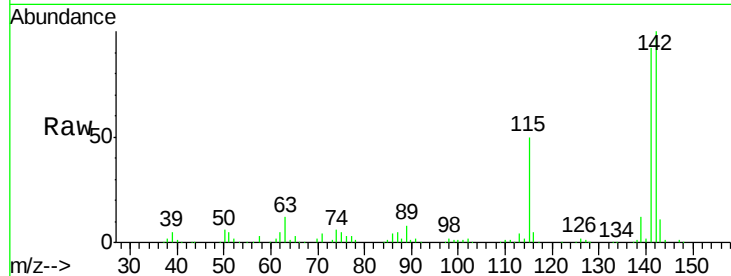
#37  
2-Methylnaphthalene  
Concen: 41.52 ng  
RT: 11.99 min Scan# 1531  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.6  | 71.9  | 107.9 |
| 115     | 50.0  | 25.4  | 38.0  |

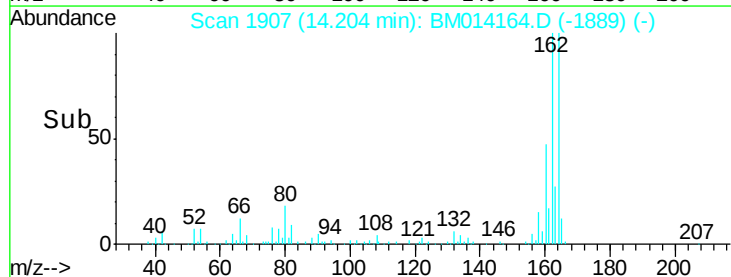
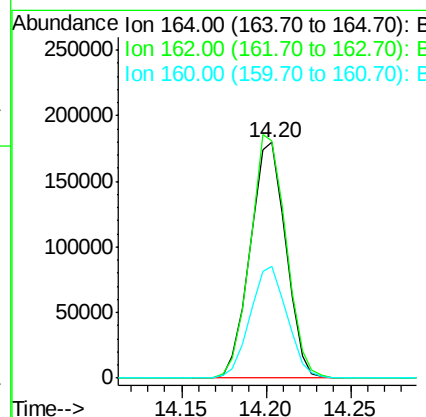
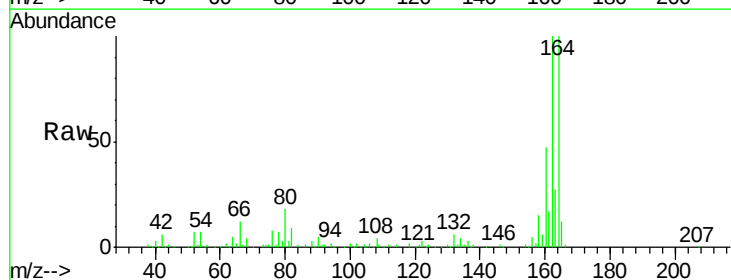
Manual Integrations  
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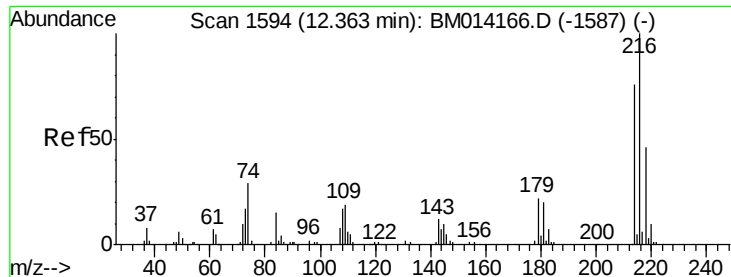
Sohil  
2/8/2018 3:50:24 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.20 min Scan# 1907  
Delta R.T. 0.01 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 100.5 | 82.4  | 123.6 |
| 160     | 47.2  | 35.8  | 53.6  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.38 ng

RT: 12.37 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

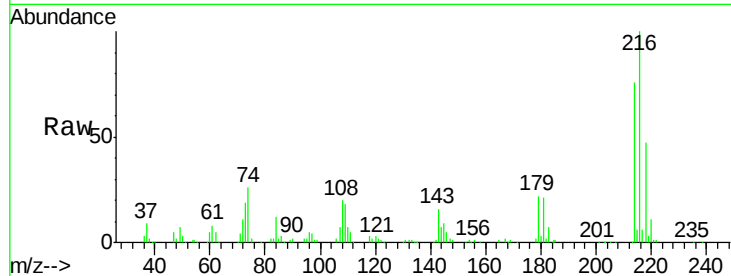
ClientSampleId :

SSTICCC040EC

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 78.2  | 0.0        | 0.0#  |
| 179     | 22.1  | 0.0        | 0.0#  |
| 108     | 23.6  | 0.0        | 0.0#  |

Manual Integrations  
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Sohil  
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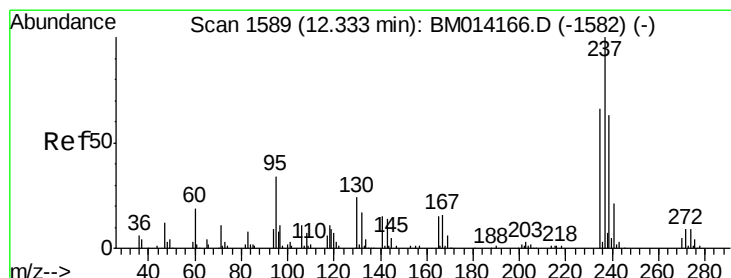
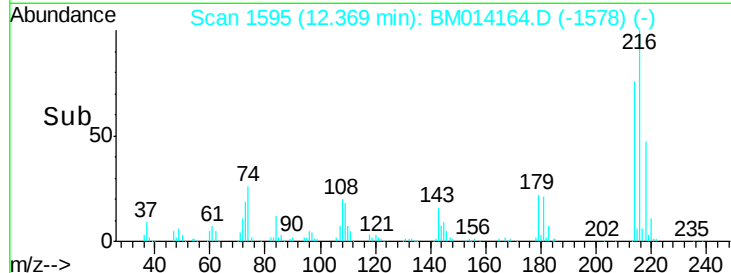
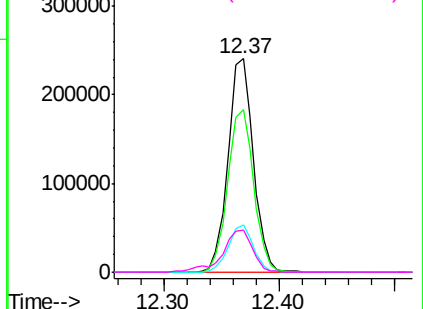


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 37.17 ng

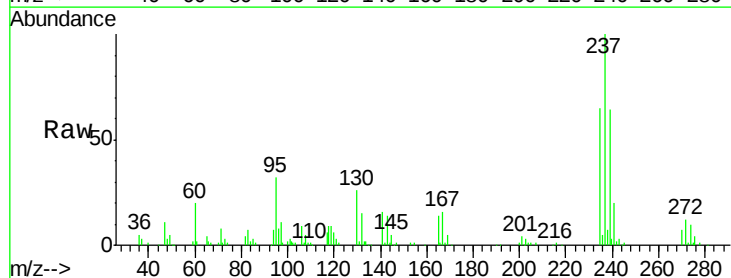
RT: 12.33 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

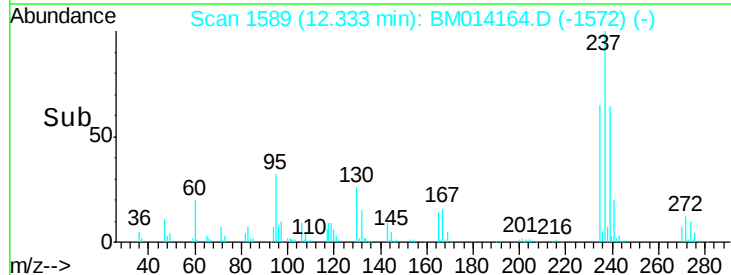
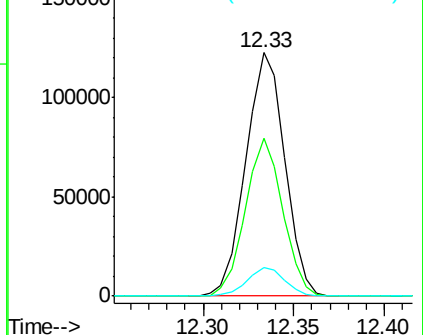
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 64.7  | 42.0       | 82.0  |
| 272     | 12.0  | 0.0        | 33.4  |

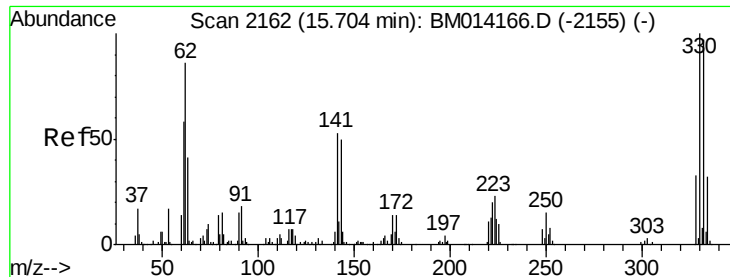


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





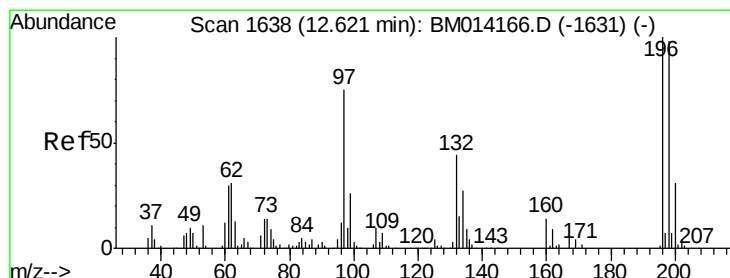
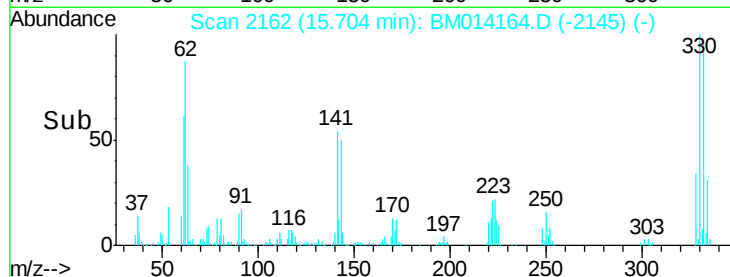
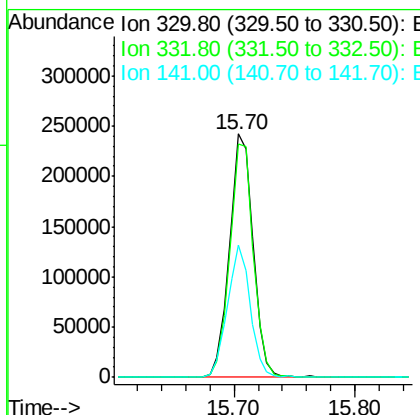
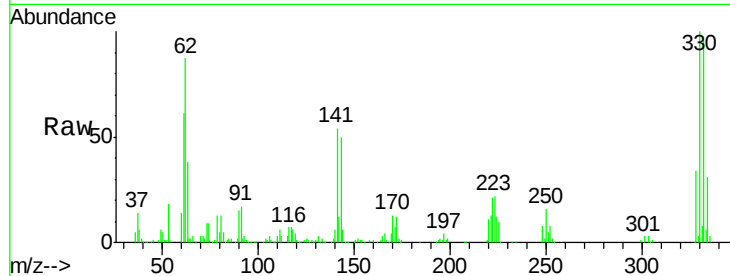
#41  
 2,4,6-Tribromophenol  
 Concen: 88.16 ng  
 RT: 15.70 min Scan# 2162  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 331694 |       |       |
| 332     | 96.1  | 0.0    | 0.0   | 0.0   |
| 141     | 52.2  | 0.0    | 0.0   | 0.0   |

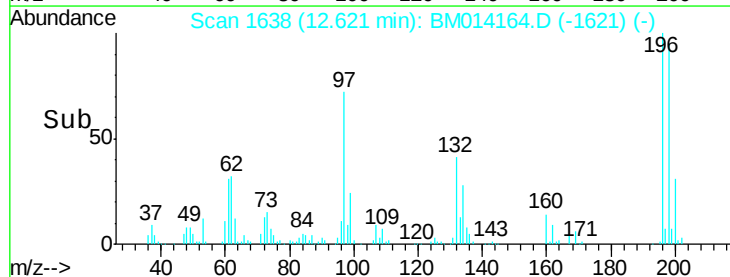
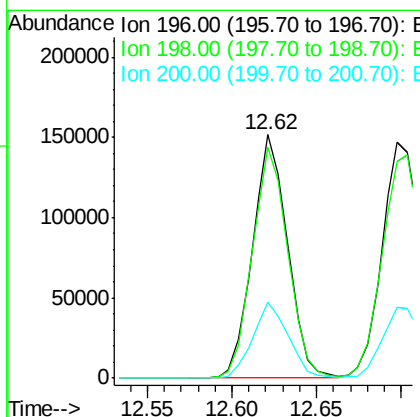
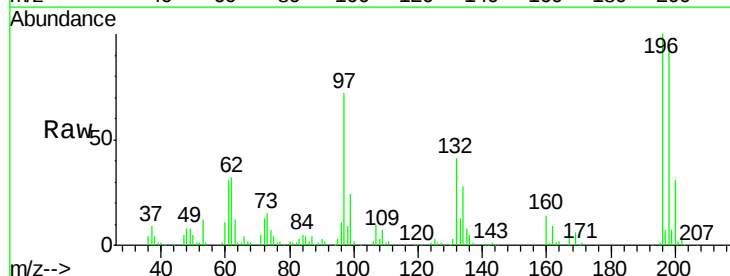
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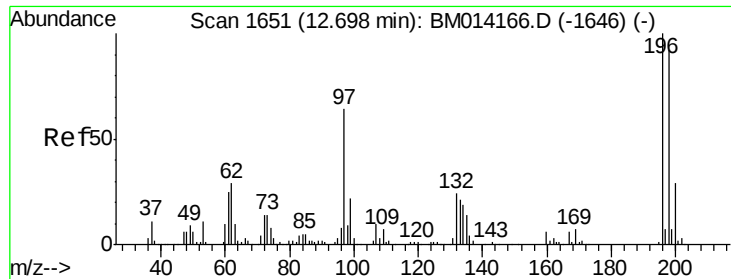
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#42  
 2,4,6-Trichlorophenol  
 Concen: 40.16 ng  
 RT: 12.62 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 219203 |       |       |
| 198     | 94.6  | 76.3   | 114.5 |       |
| 200     | 31.0  | 25.6   | 38.4  |       |





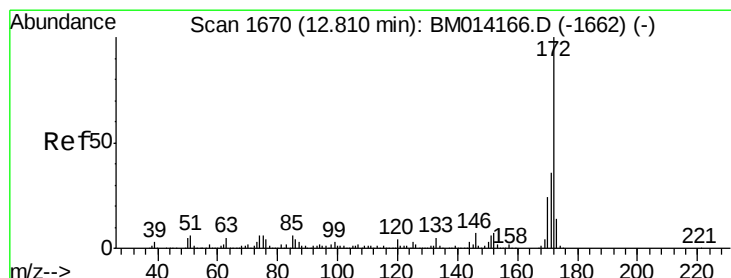
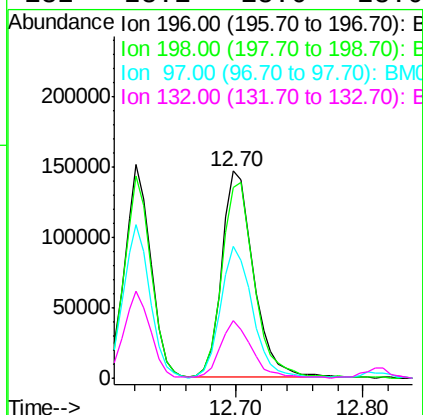
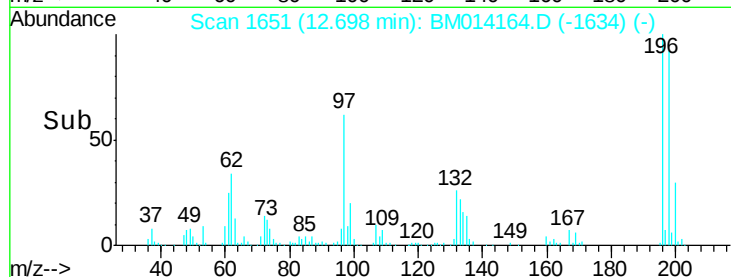
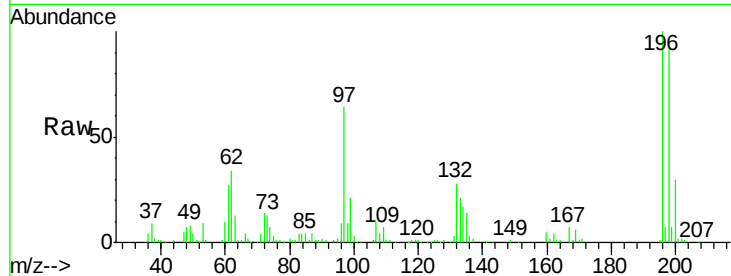
#43  
2,4,5-Trichlorophenol  
Concen: 41.74 ng  
RT: 12.70 min Scan# 1651  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 251553 |       |       |
| 198     | 91.9  | 79.4   | 119.0 |       |
| 97      | 63.8  | 26.8   | 40.2# |       |
| 132     | 28.1  | 18.6   | 28.0# |       |

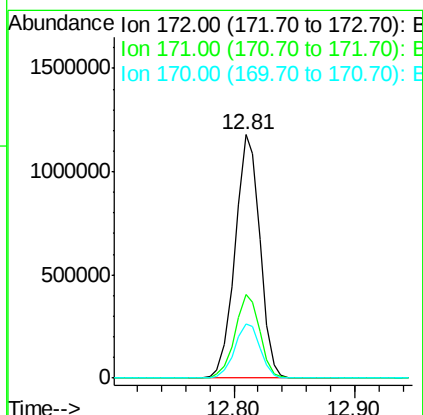
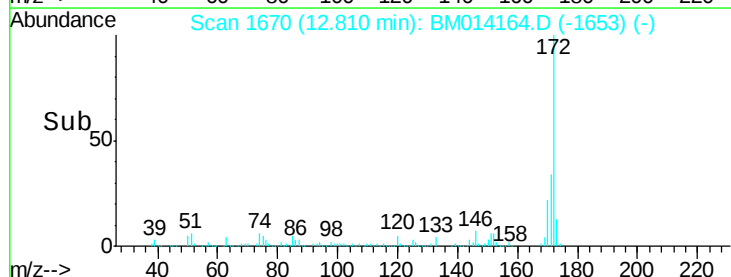
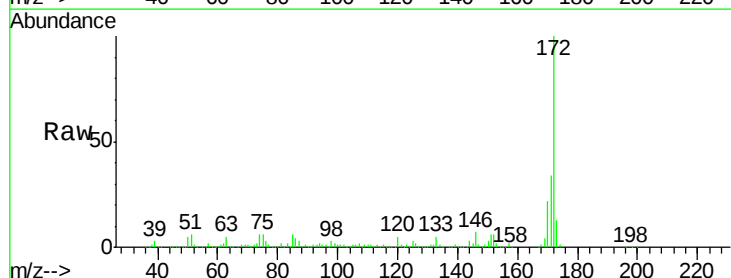
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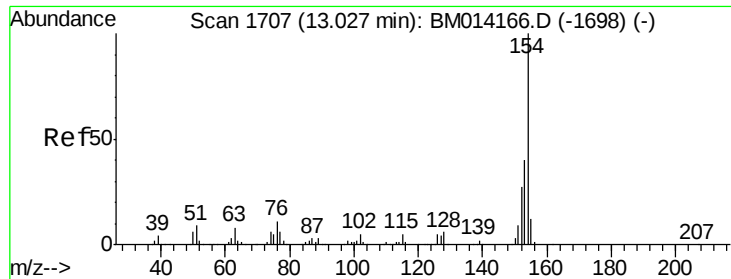
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#44  
2-Fluorobiphenyl  
Concen: 79.61 ng  
RT: 12.81 min Scan# 1670  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1690955 |       |       |
| 171     | 34.4  | 28.5    | 42.7  |       |
| 170     | 22.2  | 18.8    | 28.2  |       |





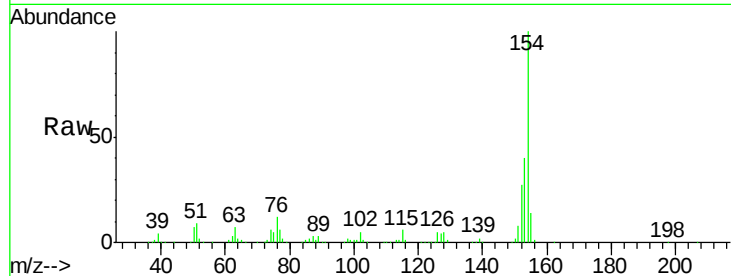
#45  
 1,1'-Biphenyl  
 Concen: 40.19 ng  
 RT: 13.03 min Scan# 1707  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

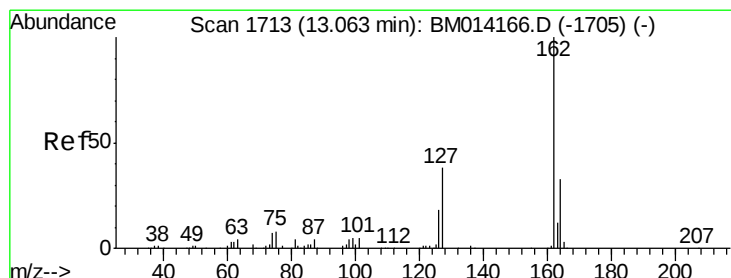
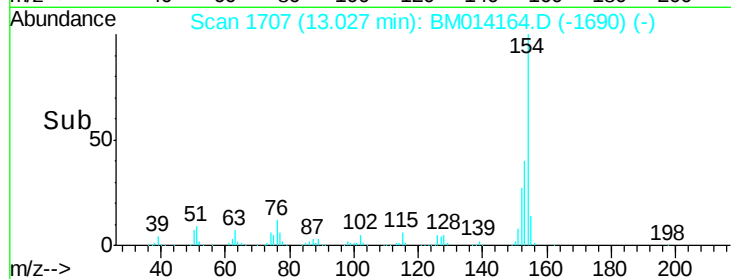
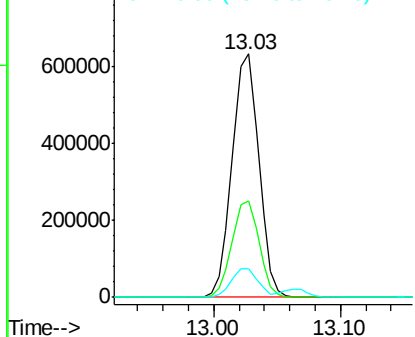
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 923025 |       |       |
| 153     | 39.7  | 20.7   | 60.7  |       |
| 76      | 11.6  | 0.0    | 30.9  |       |

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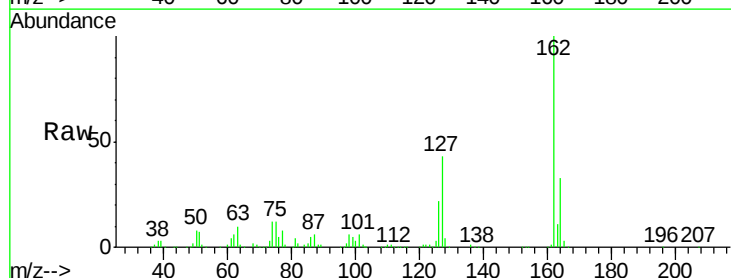


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BM

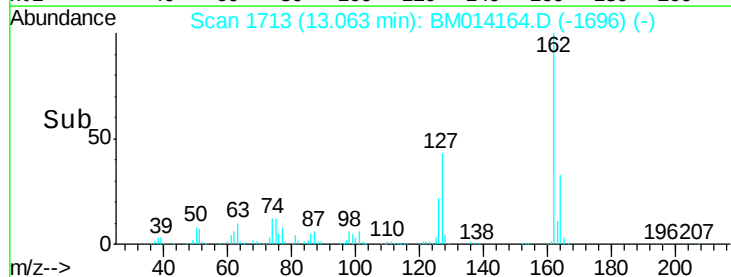
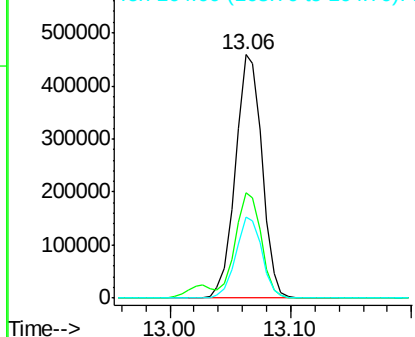


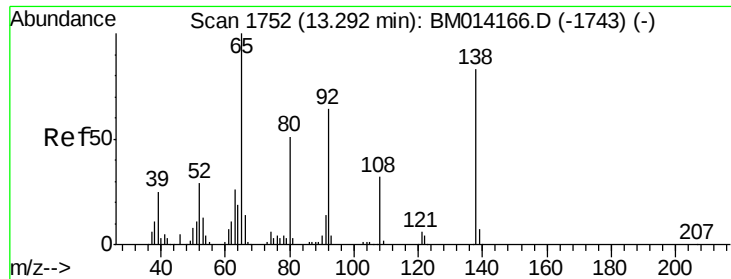
#46  
 2-Chloronaphthalene  
 Concen: 40.40 ng  
 RT: 13.06 min Scan# 1713  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 704351 |       |       |
| 127     | 43.5  | 26.9   | 40.3# |       |
| 164     | 33.2  | 26.8   | 40.2  |       |



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





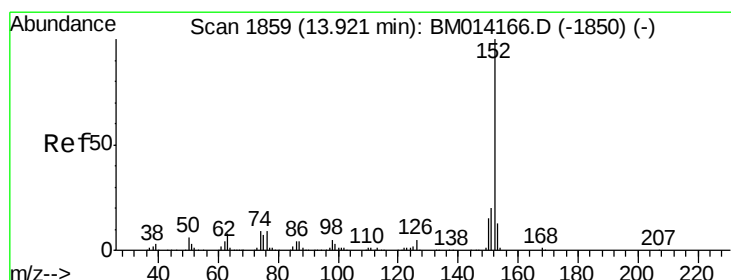
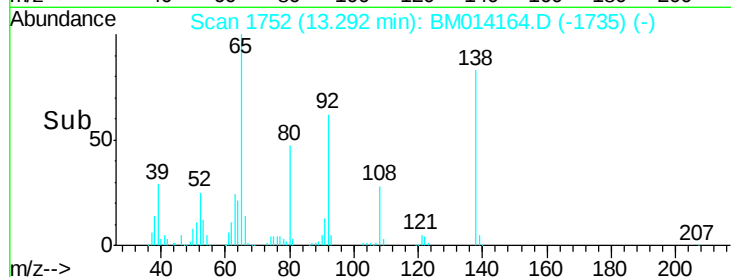
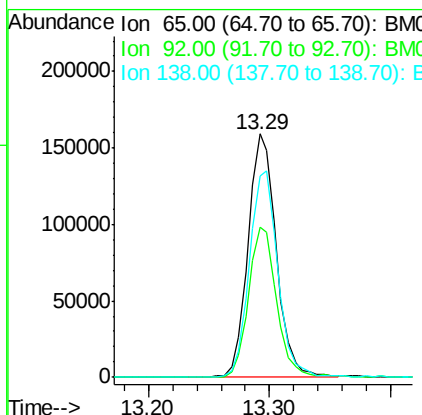
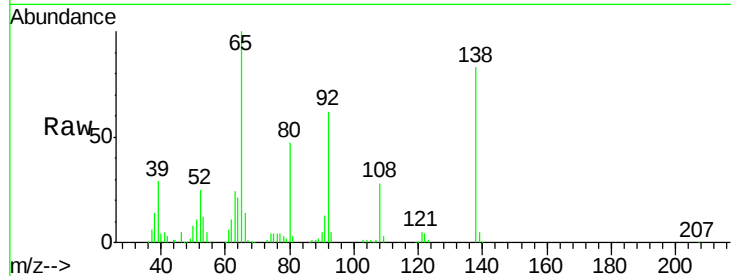
#47  
2-Nitroaniline  
Concen: 40.40 ng  
RT: 13.29 min Scan# 1752  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.5  | 59.1  | 88.7  |
| 138     | 82.9  | 93.9  | 140.9 |

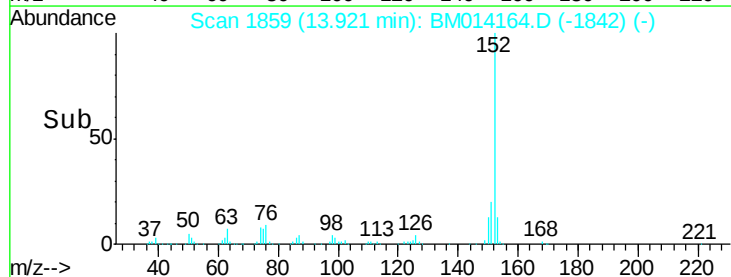
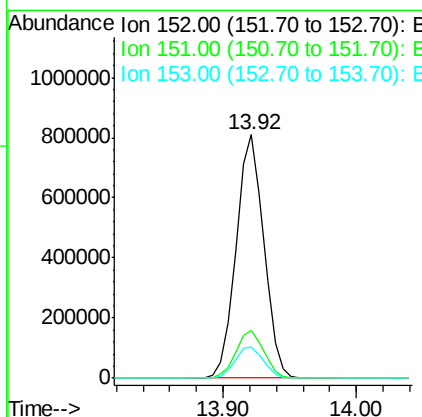
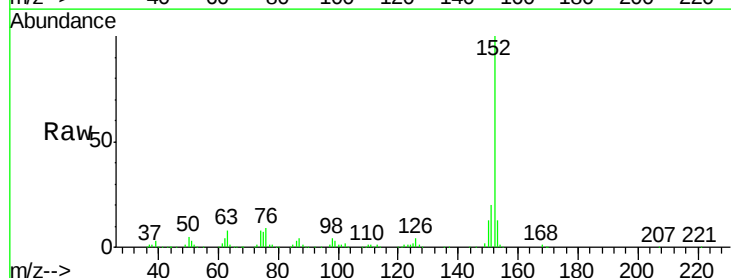
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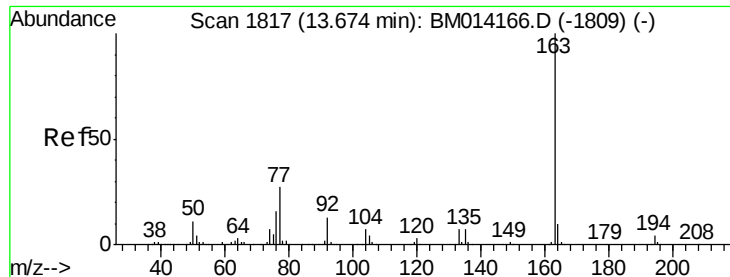
Sohil  
2/8/2018 3:50:24 PM



#48  
Acenaphthylene  
Concen: 40.78 ng  
RT: 13.92 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.6  | 15.9  | 23.9  |
| 153     | 13.0  | 10.6  | 16.0  |





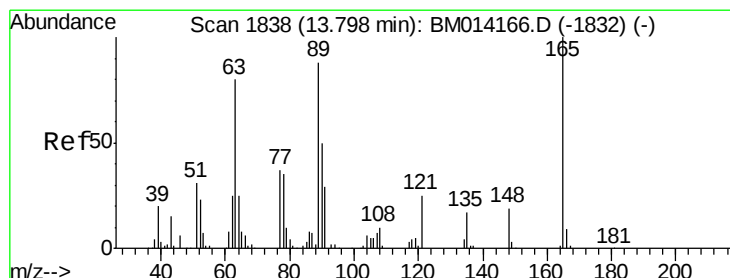
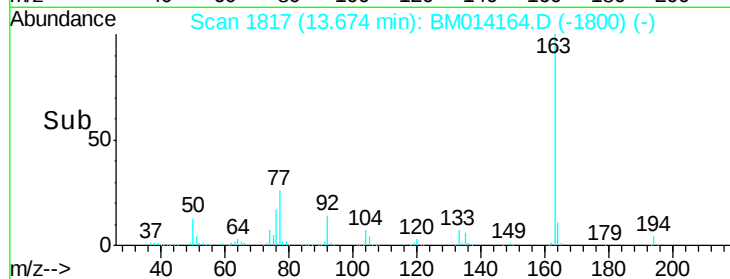
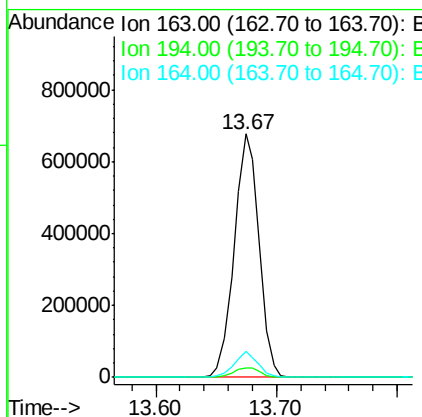
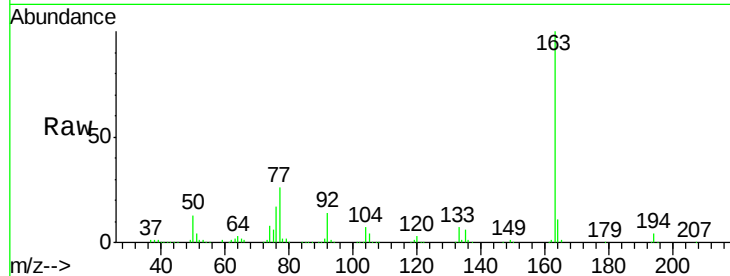
#49  
Dimethylphthalate  
Concen: 40.68 ng  
RT: 13.67 min Scan# 1817  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 965659 |       |       |
| 194     | 4.1   | 2.7    | 4.1#  |       |
| 164     | 10.6  | 8.2    | 12.2  |       |

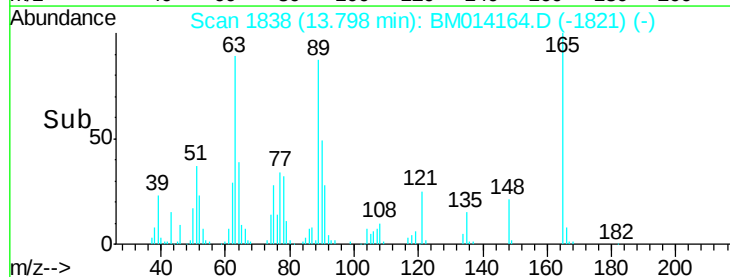
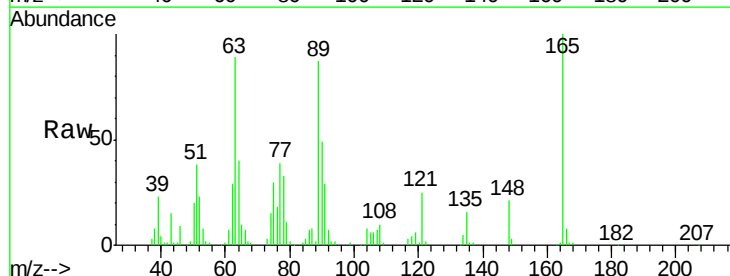
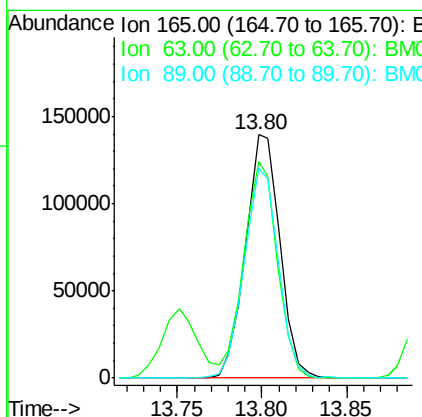
Manual Integrations  
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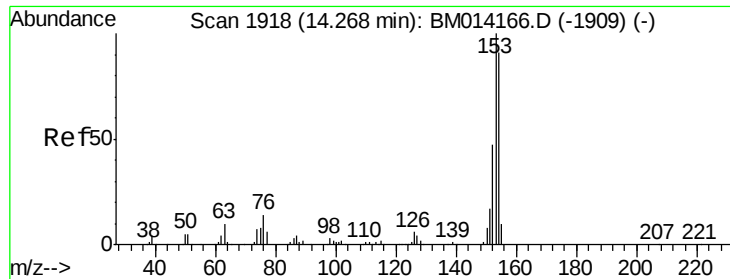
Sohil  
2/8/2018 3:50:24 PM



#50  
2,6-Dinitrotoluene  
Concen: 40.58 ng  
RT: 13.80 min Scan# 1838  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 197656 |       |       |
| 63      | 88.9  | 44.1   | 66.1# |       |
| 89      | 86.6  | 44.3   | 66.5# |       |





#51

Acenaphthene

Concen: 40.75 ng

RT: 14.27 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

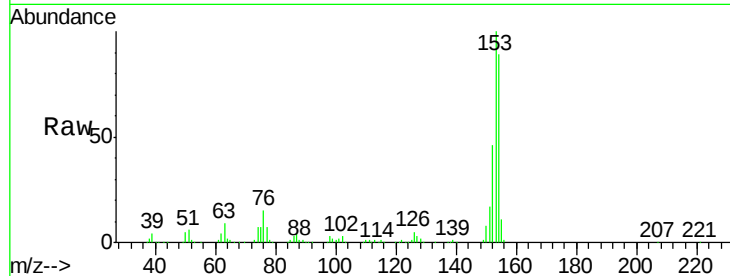
ClientSampleId :

SSTICCC040EC

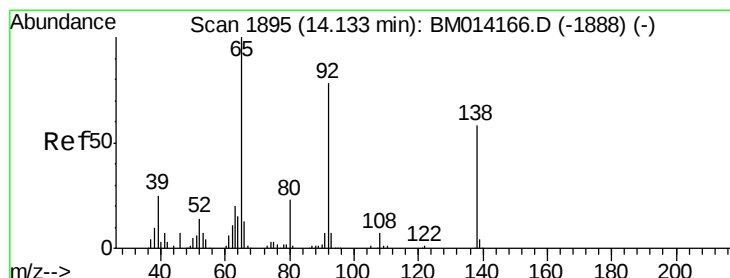
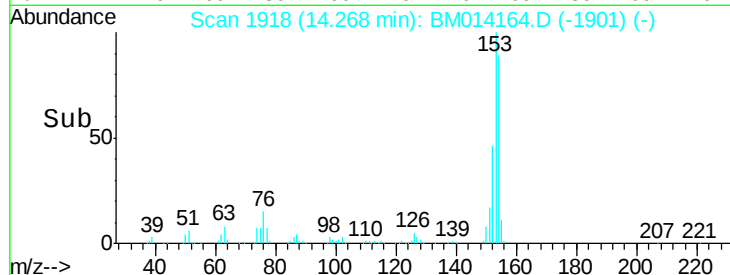
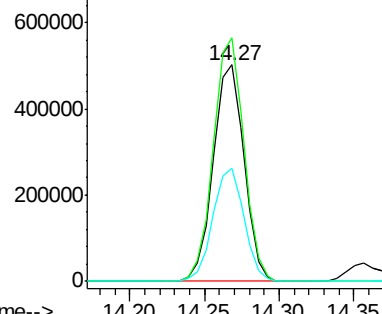
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 718157 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.4 | 90.0  | 135.0  |
| 152       | 52.1  | 42.6  | 63.8   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 41.09 ng

RT: 14.13 min Scan# 1895

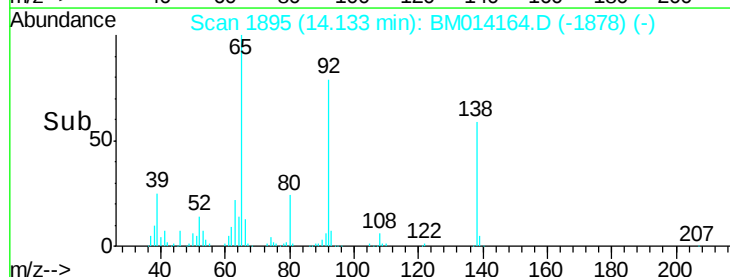
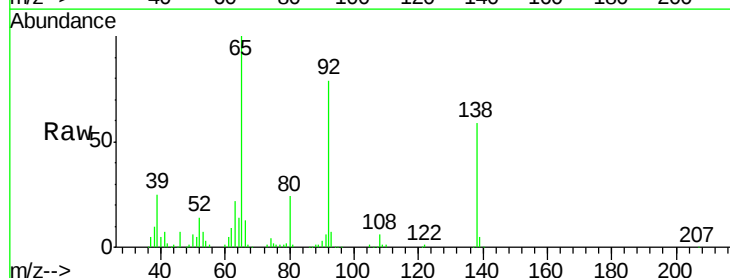
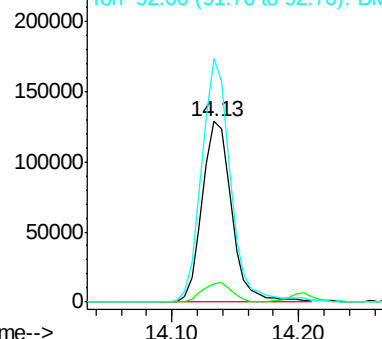
Delta R.T. -0.00 min

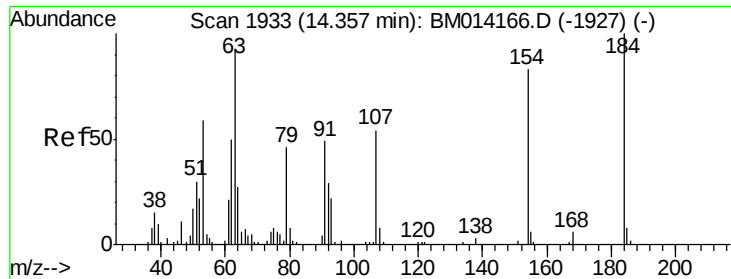
Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 207026 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.0  | 7.3   | 10.9   |
| 92        | 135.0 | 76.6  | 114.8# |

Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM0





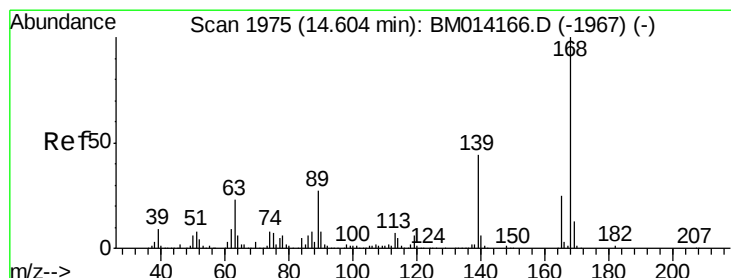
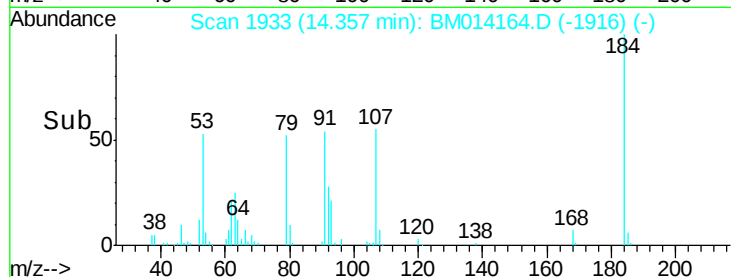
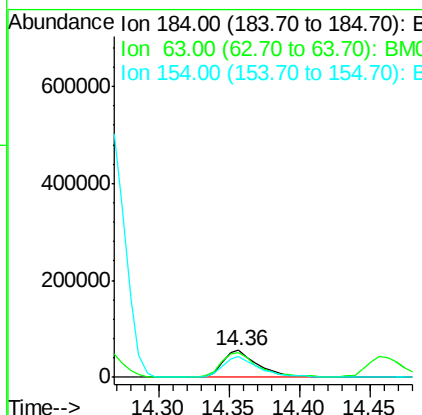
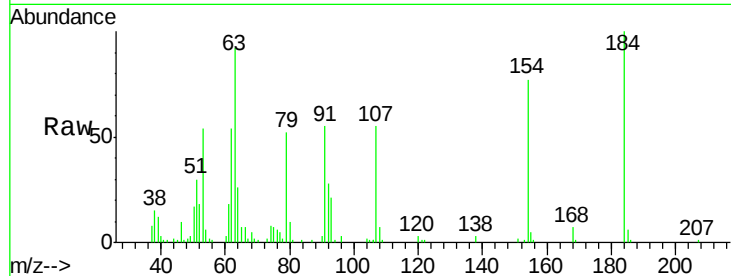
#53  
2,4-Dinitrophenol  
Concen: 38.74 ng  
RT: 14.36 min Scan# 1933  
Delta R.T. 0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

Tgt Ion:184 Resp: 95272  
Ion Ratio Lower Upper  
184 100  
63 92.2 69.2 103.8  
154 76.5 53.3 79.9

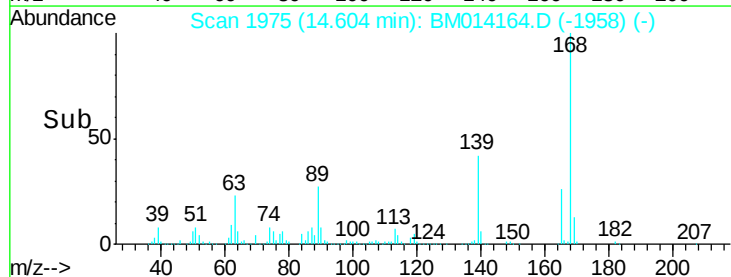
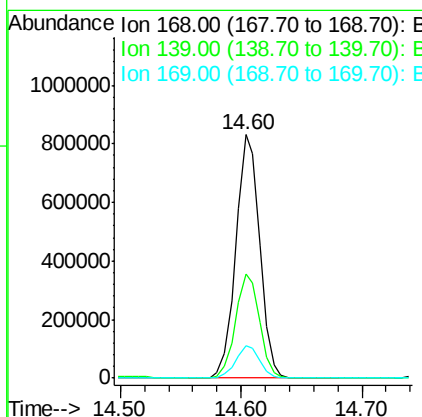
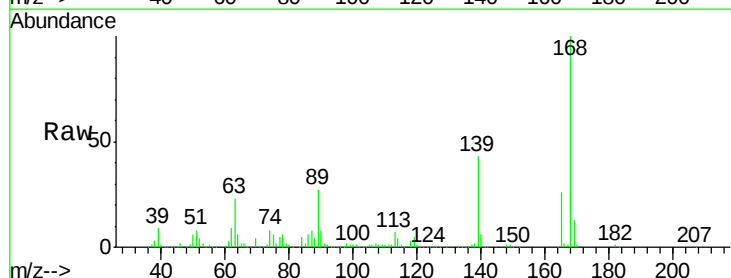
Manual Integrations  
APPROVED

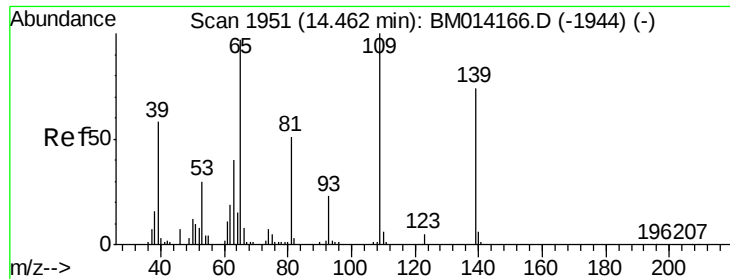
Sohil  
2/8/2018 3:50:24 PM



#54  
Dibenzofuran  
Concen: 41.48 ng  
RT: 14.60 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Tgt Ion:168 Resp: 1142375  
Ion Ratio Lower Upper  
168 100  
139 43.0 27.3 40.9#  
169 13.2 10.6 16.0





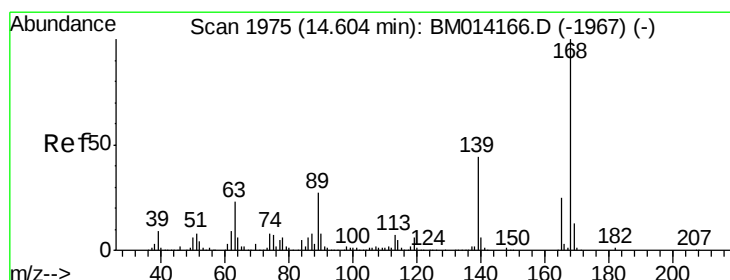
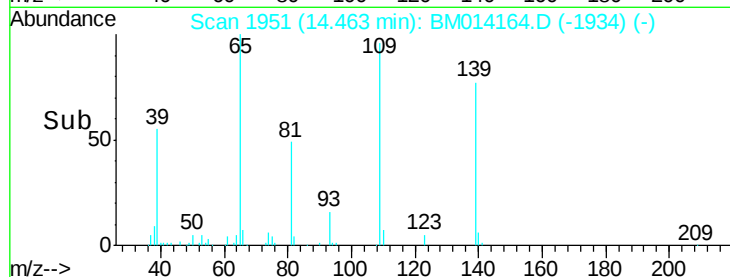
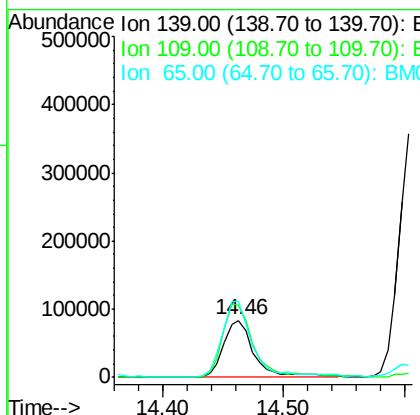
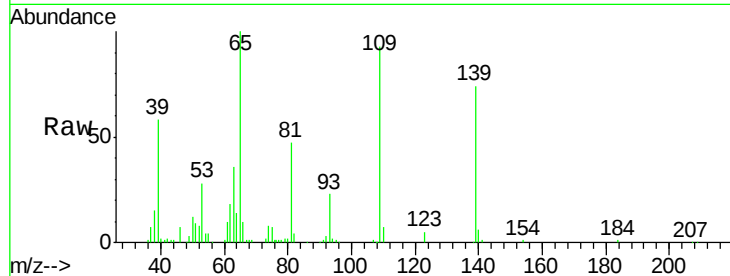
#55  
4-Nitrophenol  
Concen: 40.47 ng  
RT: 14.46 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 149242 |        |       |
| 109     | 125.7 | 130.0  | 170.0# |       |
| 65      | 134.4 | 130.0  | 170.0  |       |

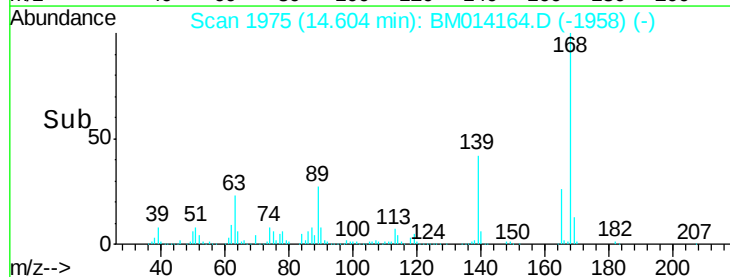
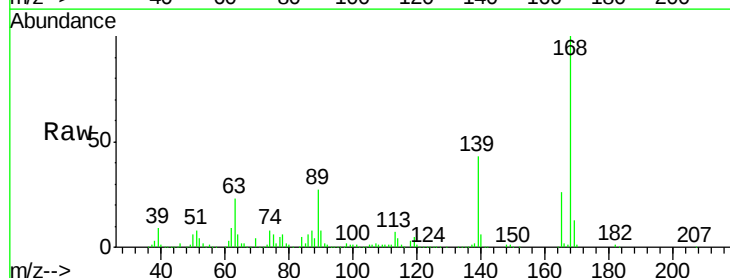
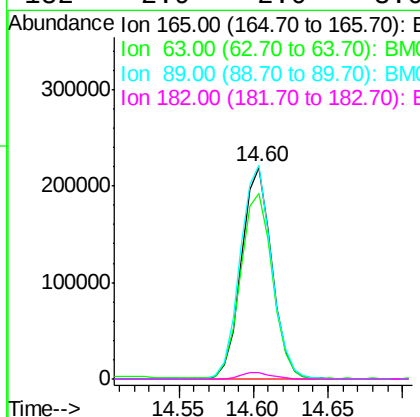
Manual Integrations  
APPROVED

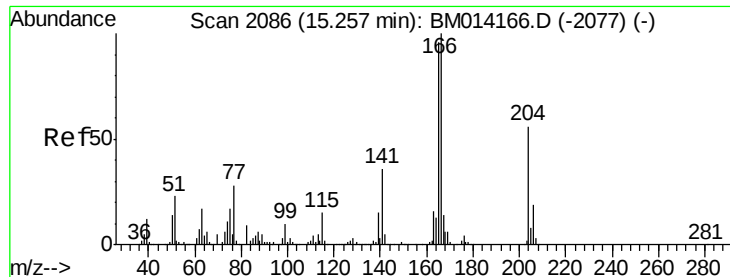
Sohil  
2/8/2018 3:50:24 PM



#56  
2,4-Dinitrotoluene  
Concen: 41.23 ng  
RT: 14.60 min Scan# 1975  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 309923 |       |       |
| 63      | 87.7  | 52.4   | 78.6# |       |
| 89      | 101.0 | 72.4   | 108.6 |       |
| 182     | 2.9   | 2.0    | 3.0   |       |





#57

Fluorene

Concen: 41.92 ng

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

ClientSampleId :

SSTICCC040EC

Tgt Ion:166 Resp: 1015649

Ion Ratio Lower Upper

166 100

165 97.6 79.0 118.4

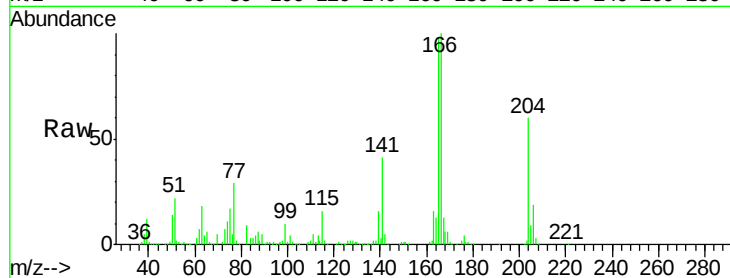
167 12.8 10.3 15.5

Manual Integrations

APPROVED

Sohil

2/8/2018 3:50:24 PM

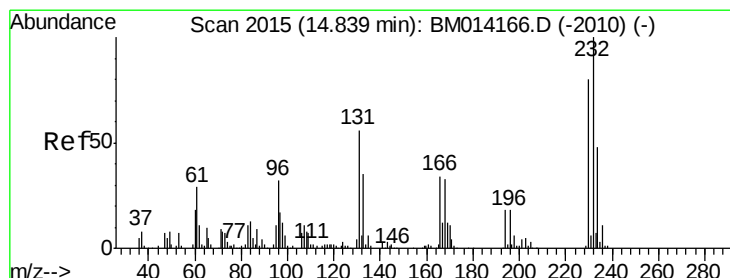
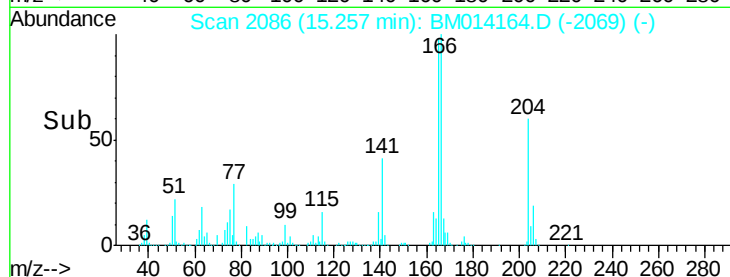
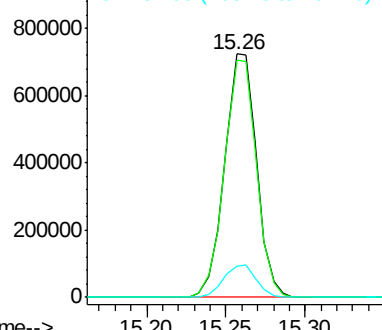


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.40 ng

RT: 14.84 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Tgt Ion:232 Resp: 245793

Ion Ratio Lower Upper

232 100

131 55.2 0.0 0.0#

130 3.5 0.0 0.0#

166 32.9 0.0 0.0#

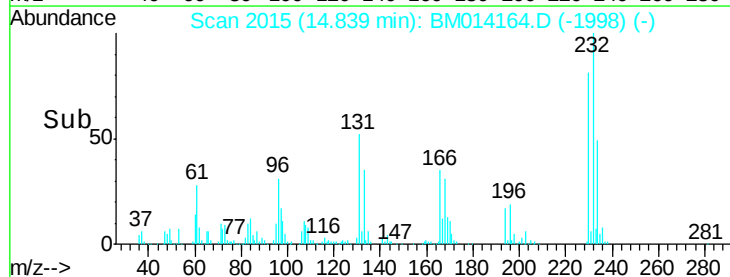
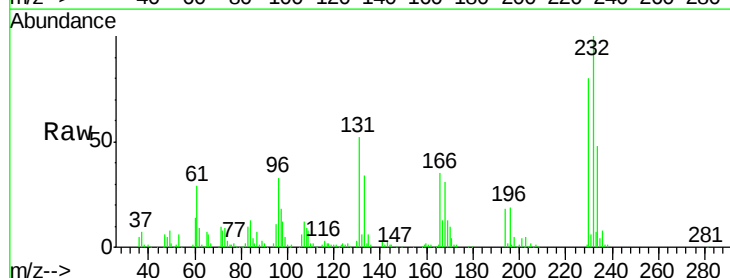
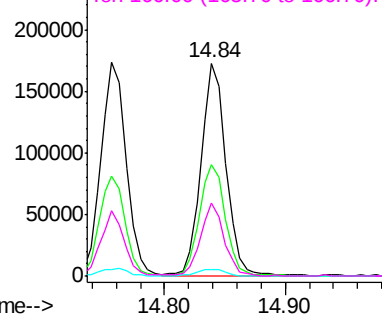
Abundance

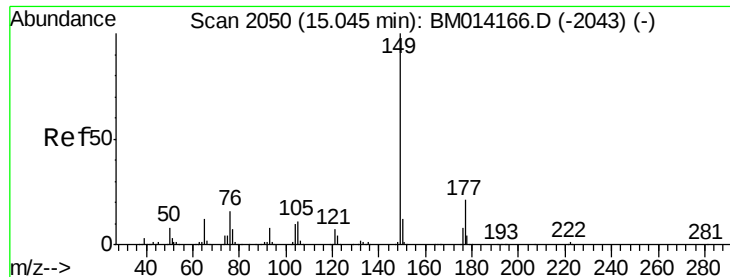
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





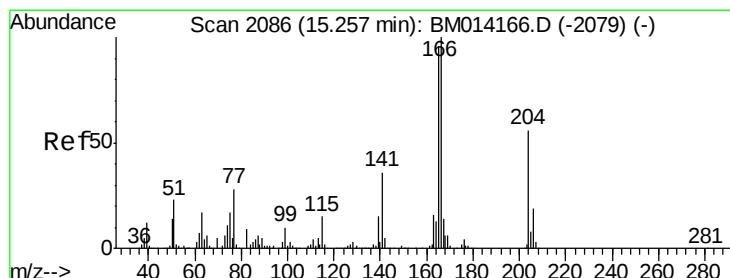
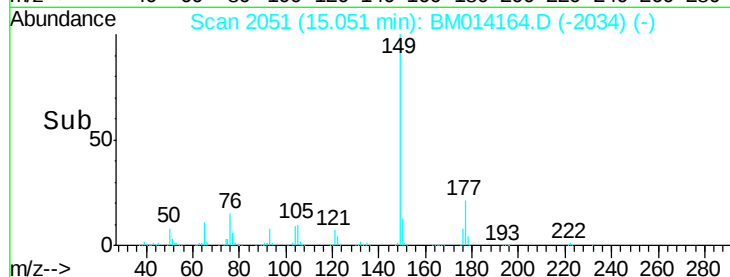
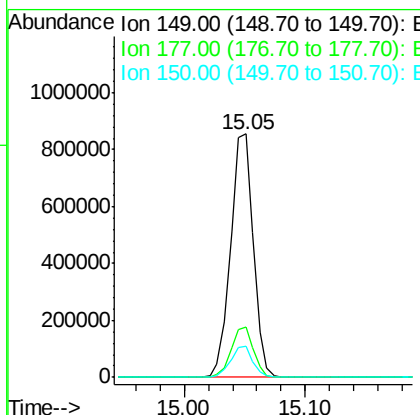
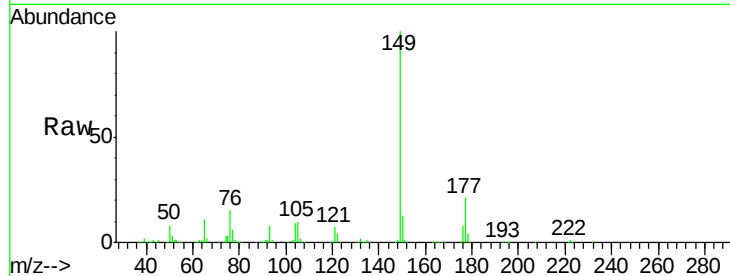
#59  
Diethylphthalate  
Concen: 42.52 ng  
RT: 15.05 min Scan# 2051  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.8  | 18.3  | 27.5  |
| 150     | 12.7  | 9.8   | 14.8  |

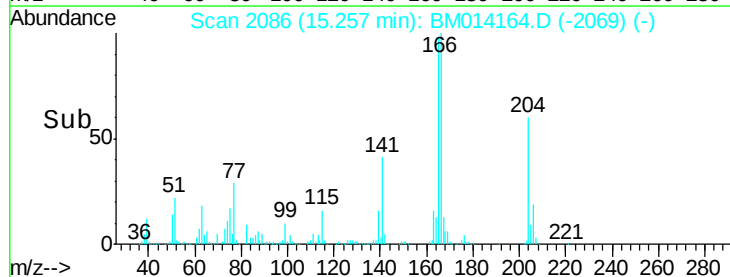
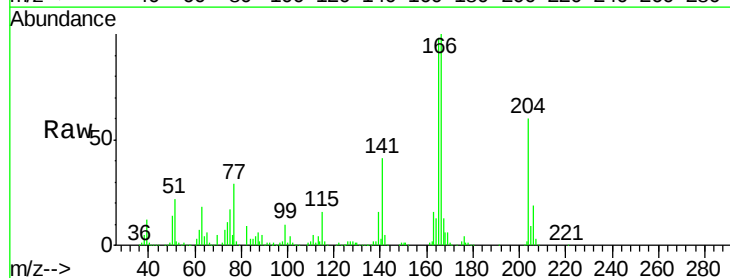
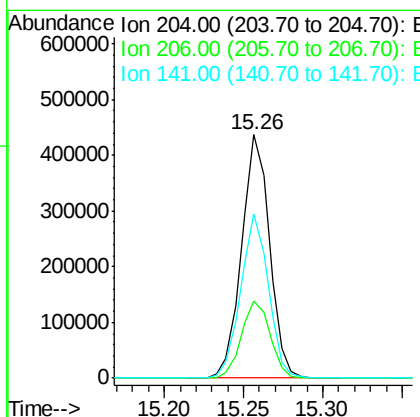
Manual Integrations  
APPROVED

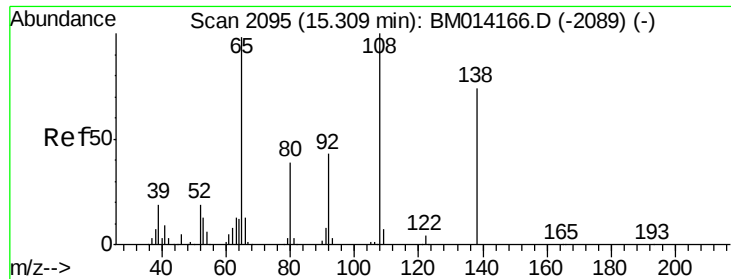
Sohil  
2/8/2018 3:50:24 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 42.28 ng  
RT: 15.26 min Scan# 2086  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.9  | 26.6  | 39.8  |
| 141     | 67.3  | 45.2  | 67.8  |





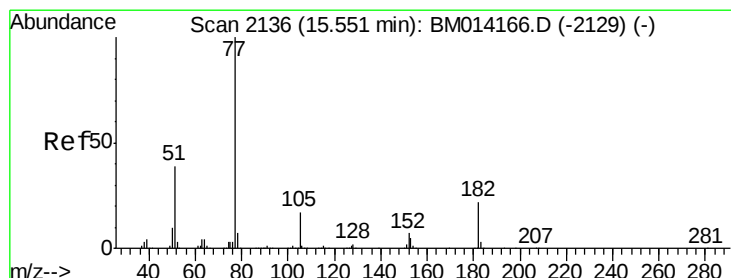
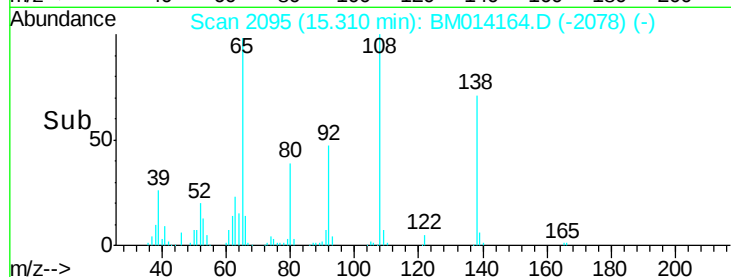
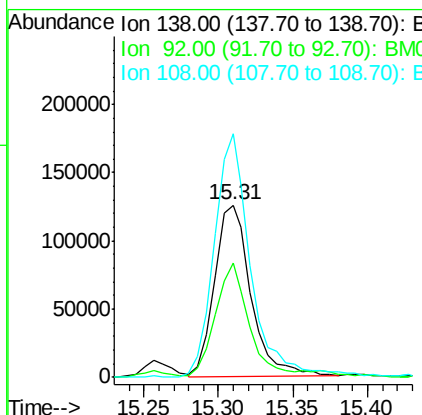
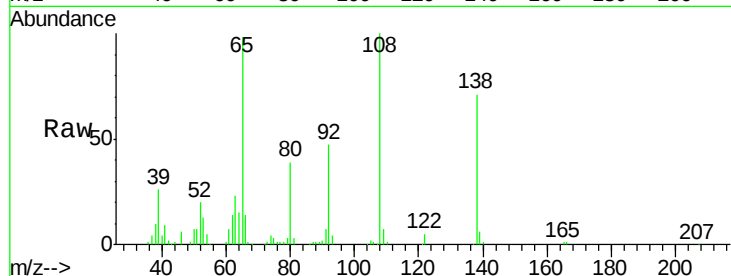
#61  
4-Nitroaniline  
Concen: 42.45 ng  
RT: 15.31 min Scan# 2095  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 66.7  | 16.7  | 56.7# |
| 108     | 141.3 | 37.6  | 77.6# |

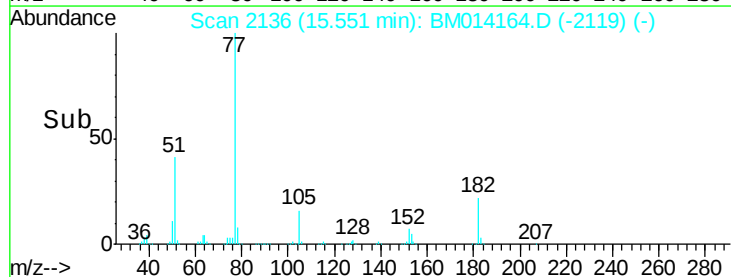
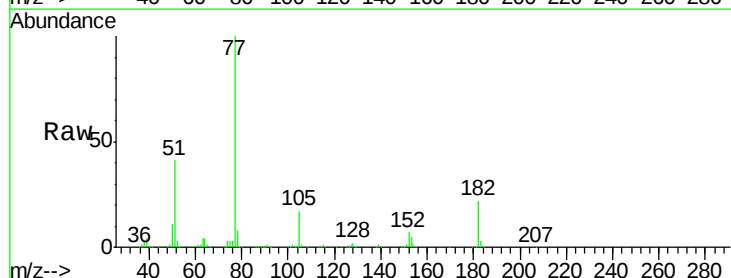
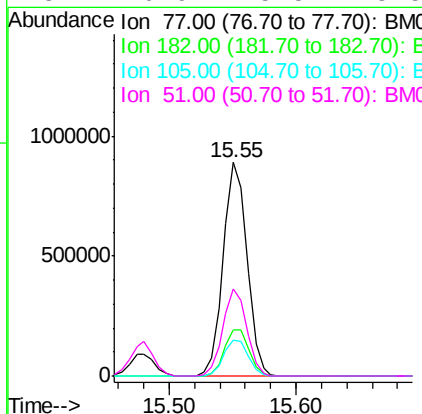
Manual Integrations  
APPROVED

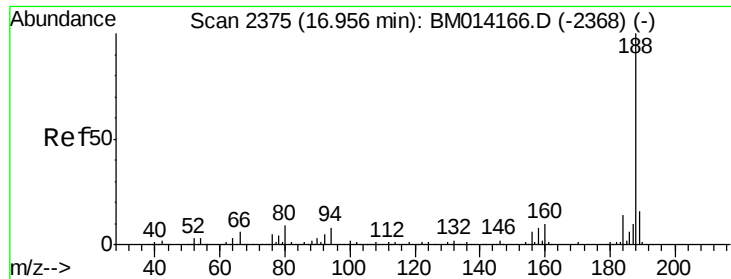
Sohil  
2/8/2018 3:50:24 PM



#62  
Azobenzene  
Concen: 42.48 ng  
RT: 15.55 min Scan# 2136  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.7  | 6.5   | 46.5  |
| 105     | 16.5  | 3.8   | 43.8  |
| 51      | 40.9  | 5.5   | 45.5  |





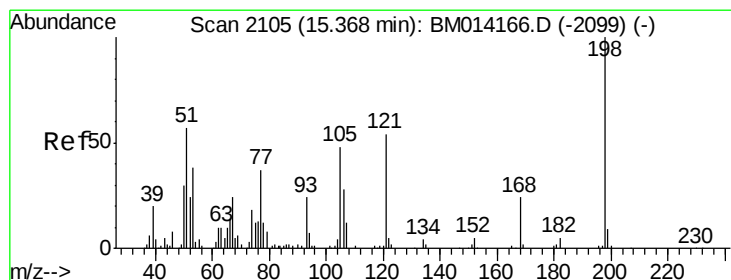
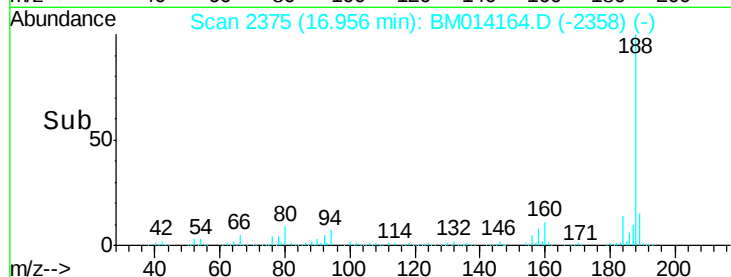
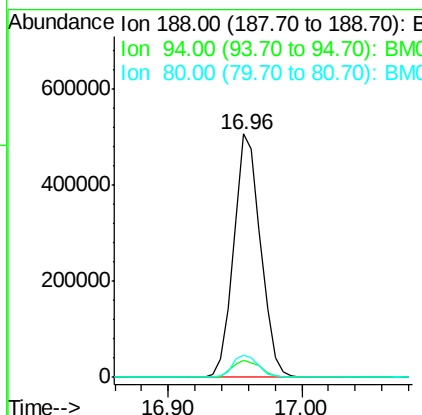
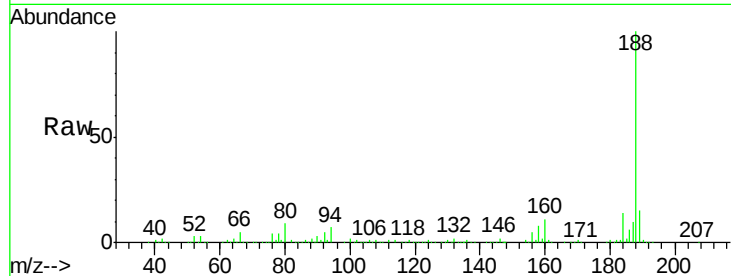
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.96 min Scan# 2375  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 7.0   | 8.7        | 13.1#      |
| 80      | 9.0   | 9.3        | 13.9#      |

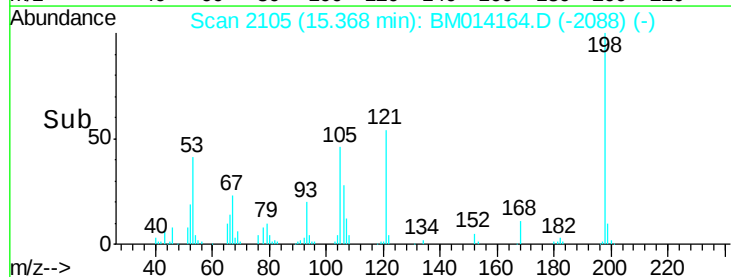
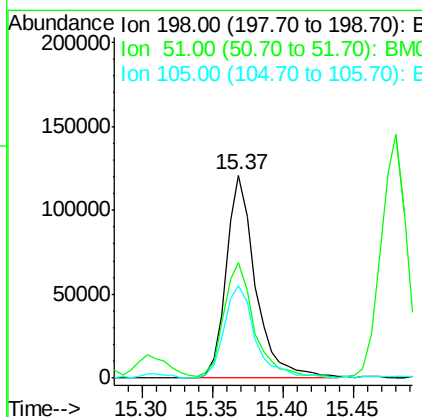
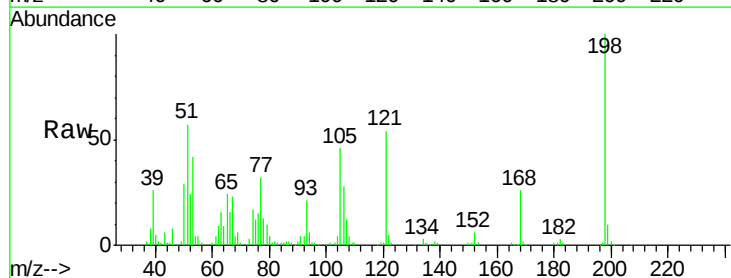
Manual Integrations  
APPROVED

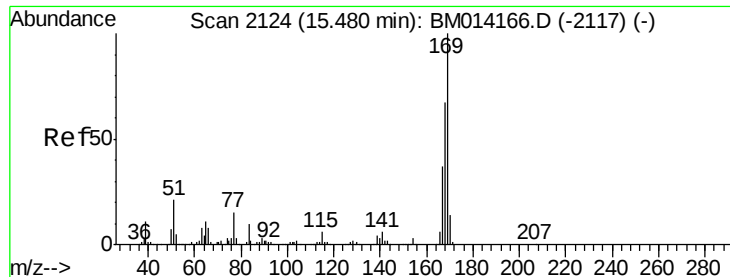
Sohil  
2/8/2018 3:50:24 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 37.58 ng  
RT: 15.37 min Scan# 2105  
Delta R.T. 0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 56.7  | 28.8       | 68.8       |
| 105     | 45.7  | 30.5       | 70.5       |





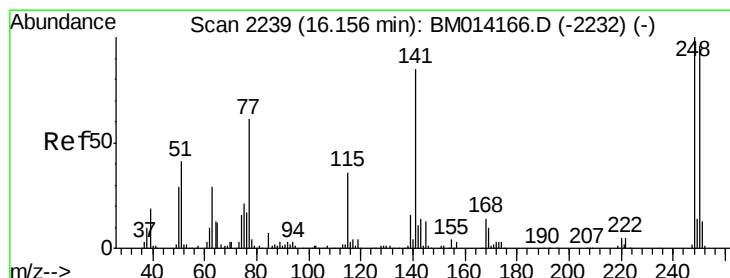
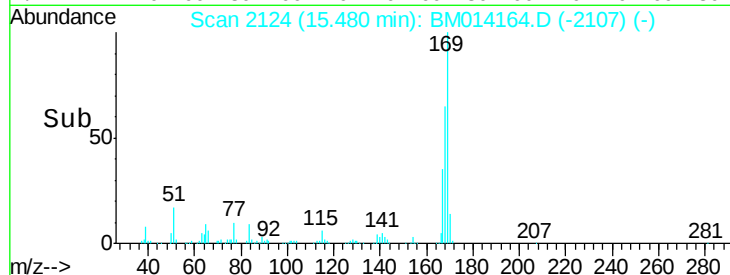
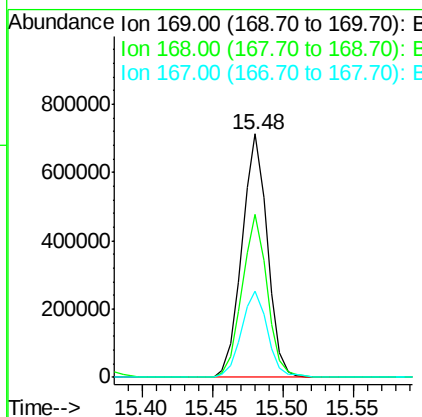
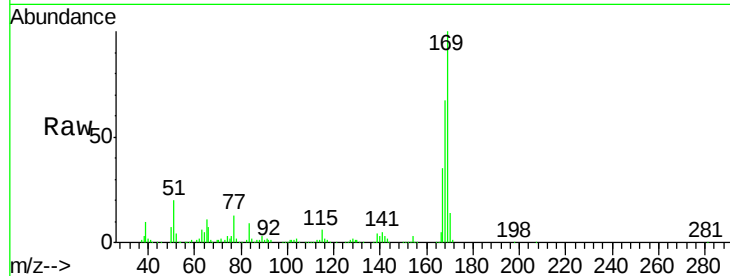
#65  
n-Nitrosodiphenylamine  
Concen: 40.17 ng  
RT: 15.48 min Scan# 2124  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 896699 |       |       |
| 168     | 67.2  | 53.9   | 80.9  |       |
| 167     | 35.2  | 28.9   | 43.3  |       |

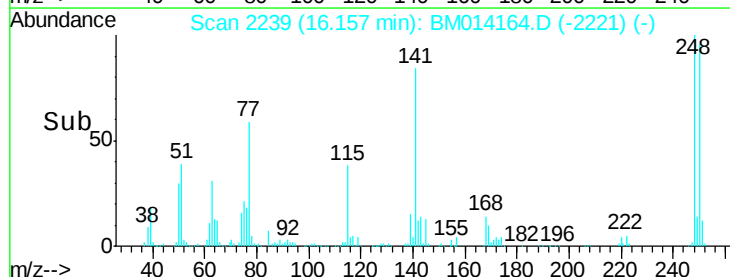
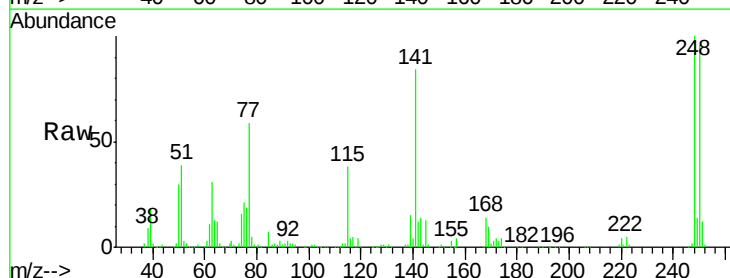
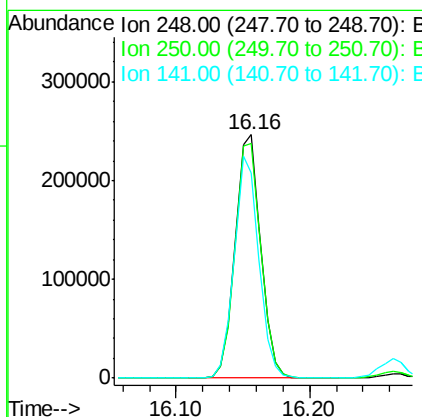
Manual Integrations  
APPROVED

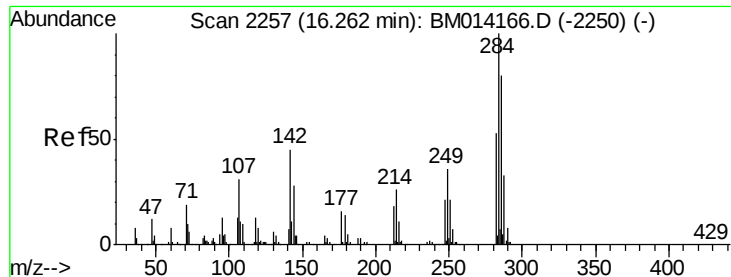
Sohil  
2/8/2018 3:50:24 PM



#66  
4-Bromophenyl-phenylether  
Concen: 39.76 ng  
RT: 16.16 min Scan# 2239  
Delta R.T. 0.01 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 329508 |       |       |
| 250     | 96.5  | 77.4   | 116.0 |       |
| 141     | 84.2  | 45.2   | 67.8  |       |





#67

Hexachlorobenzene

Concen: 39.09 ng

RT: 16.26 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

ClientSampleId :

SSTICCC040EC

Tgt Ion: 284 Resp: 355619  
Ion Ratio Lower Upper

284 100

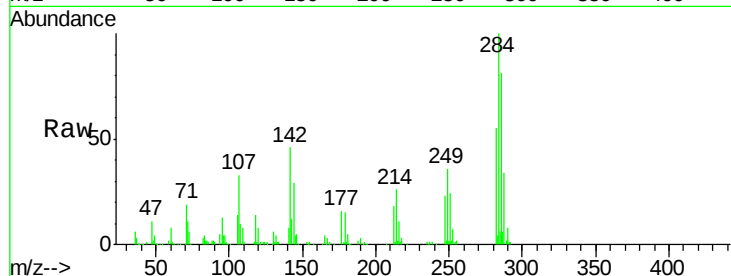
142 46.5 20.4 30.6#

249 35.8 23.8 35.6#

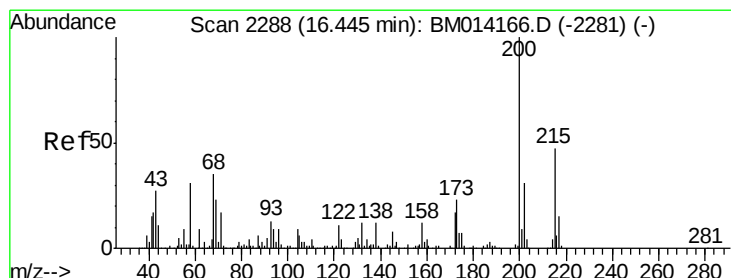
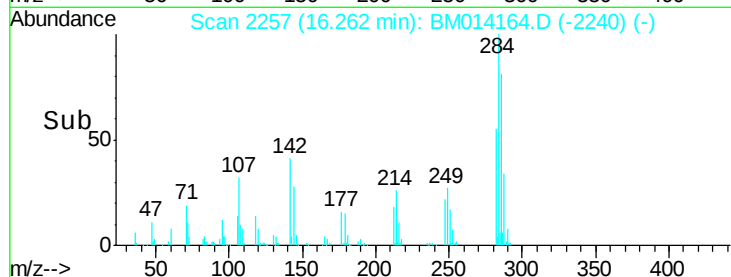
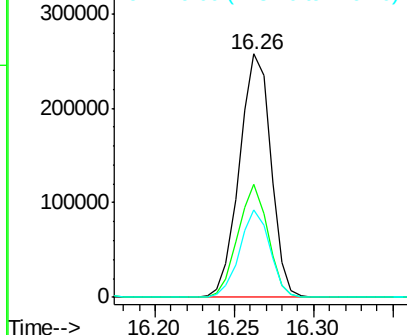
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Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.66 ng

RT: 16.44 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BM014164.D

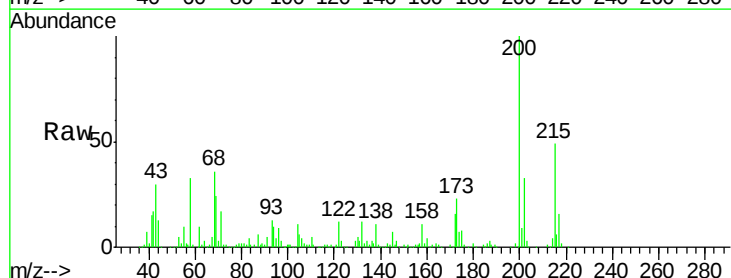
Acq: 07 Feb 2018 16:37

Tgt Ion: 200 Resp: 348764  
Ion Ratio Lower Upper

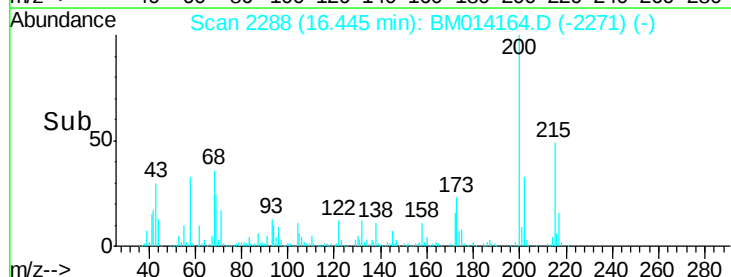
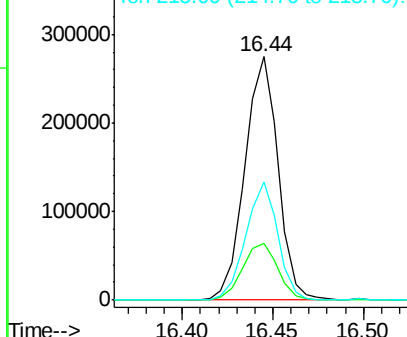
200 100

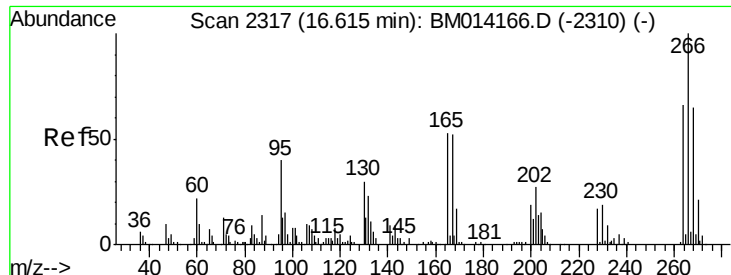
173 23.3 4.8 44.8

215 48.6 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





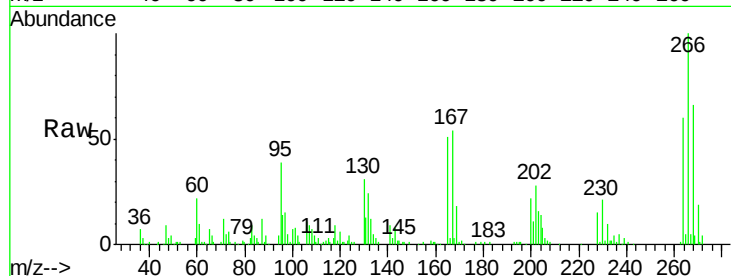
#69  
 Pentachlorophenol  
 Concen: 38.32 ng  
 RT: 16.62 min Scan# 2317  
 Delta R.T. 0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

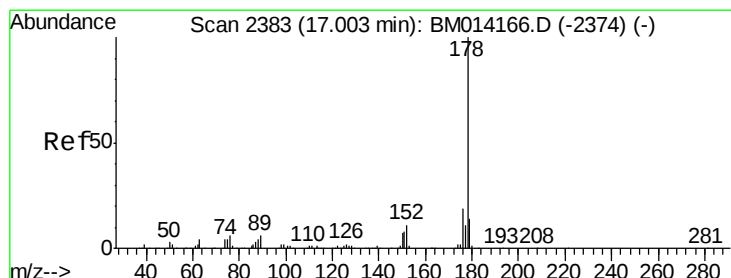
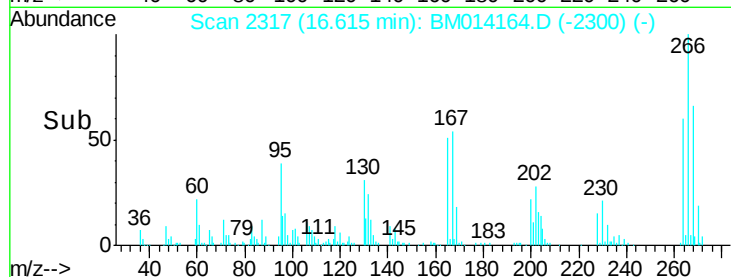
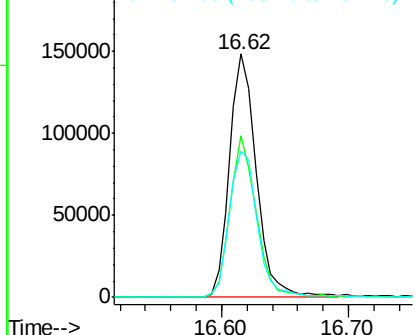
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 217992 |       |       |
| 268     | 66.5  | 52.0   | 78.0  |       |
| 264     | 60.2  | 49.0   | 73.4  |       |

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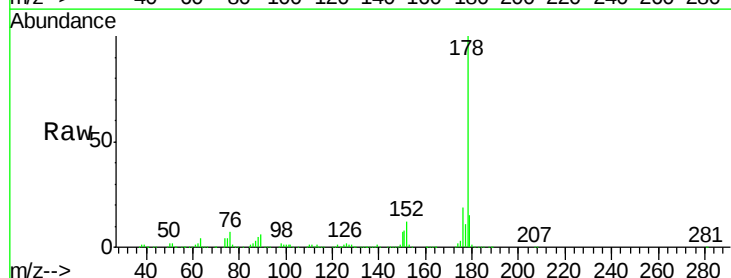


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

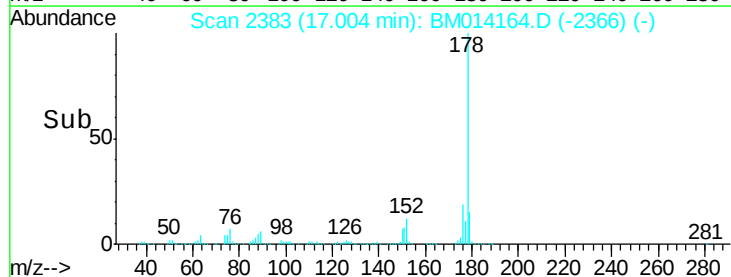
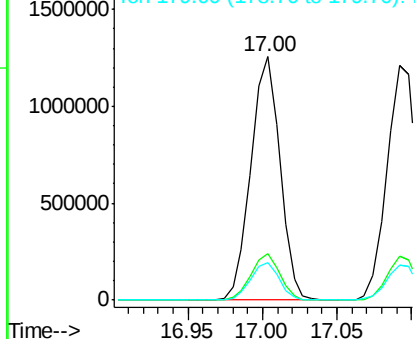


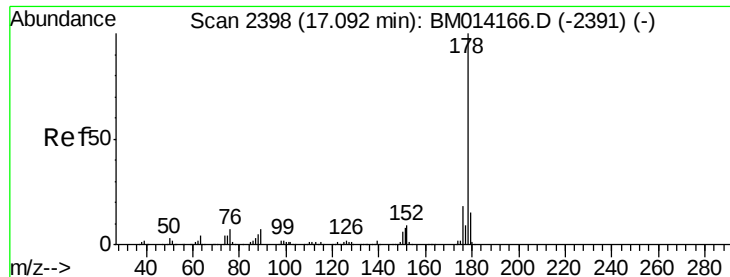
#70  
 Phenanthrene  
 Concen: 39.63 ng  
 RT: 17.00 min Scan# 2383  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1690052 |       |       |
| 176     | 18.9  | 15.2    | 22.8  |       |
| 179     | 15.2  | 12.1    | 18.1  |       |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





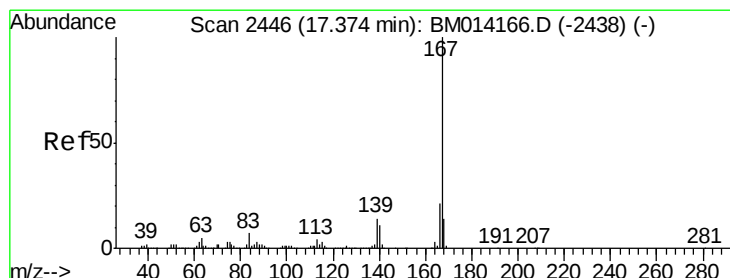
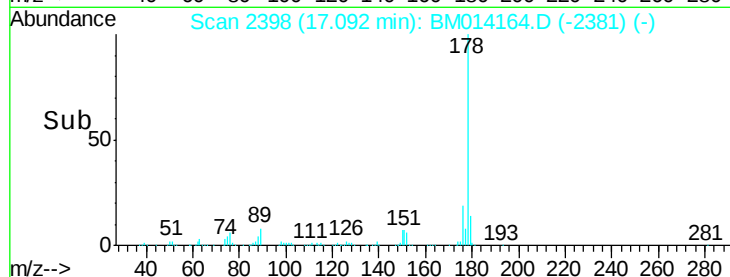
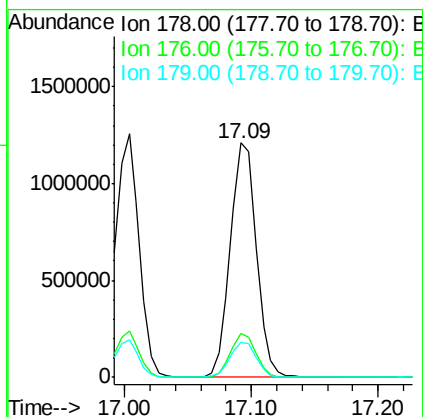
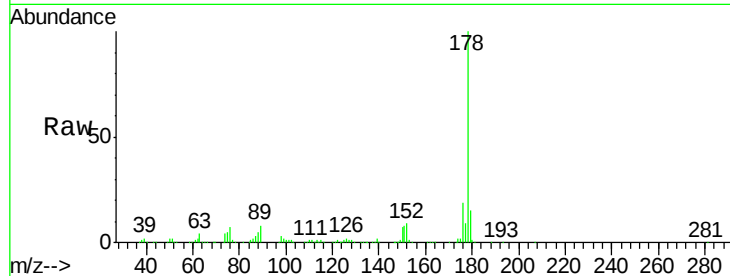
#71  
 Anthracene  
 Concen: 41.28 ng  
 RT: 17.09 min Scan# 2398  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

Tgt Ion:178 Resp: 1715561  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 14.6 22.0  
 179 15.0 12.6 19.0

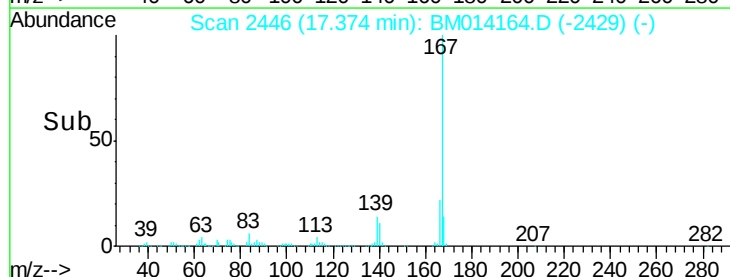
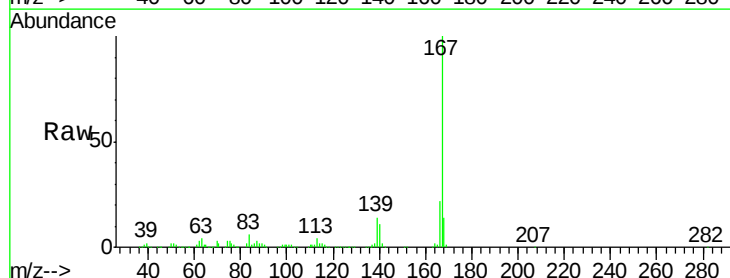
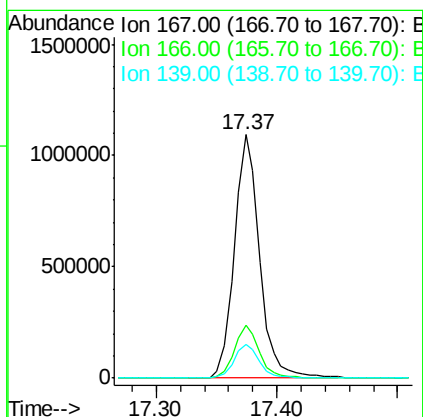
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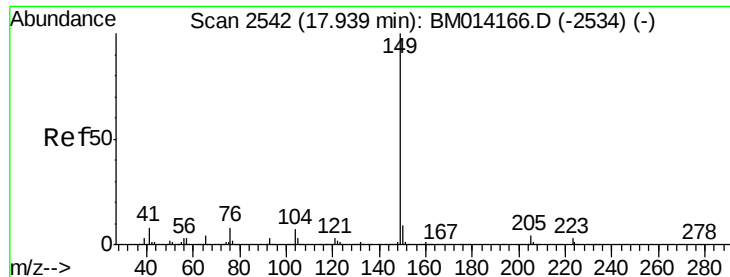
Sohil  
 2/8/2018 3:50:24 PM



#72  
 Carbazole  
 Concen: 40.69 ng  
 RT: 17.37 min Scan# 2446  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Tgt Ion:167 Resp: 1589640  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.2 25.8  
 139 13.9 10.8 16.2





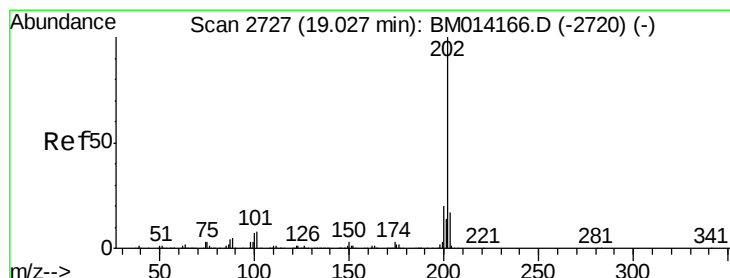
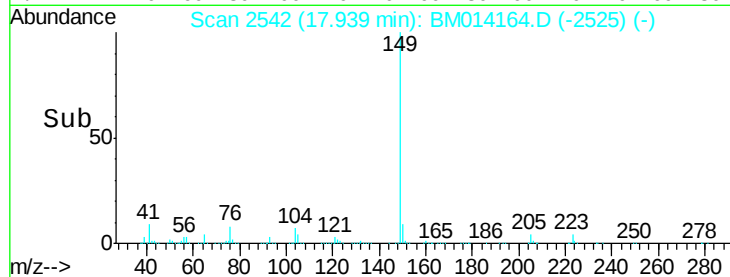
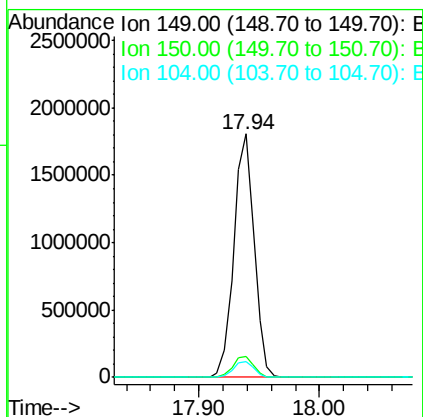
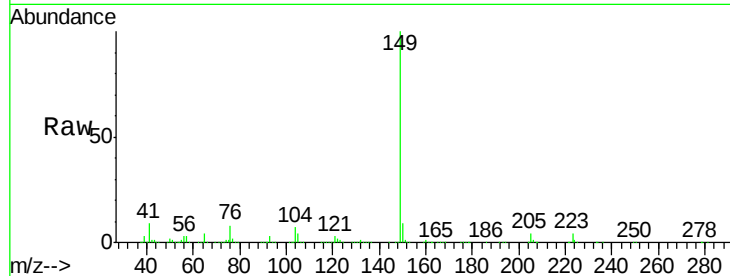
#73  
Di-n-butylphthalate  
Concen: 42.63 ng  
RT: 17.94 min Scan# 2542  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.7   | 7.5   | 11.3  |
| 104     | 6.7   | 3.7   | 5.5   |

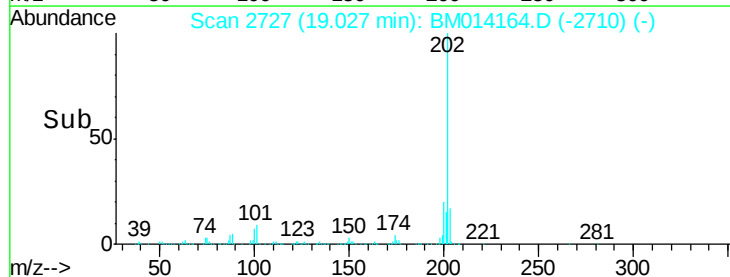
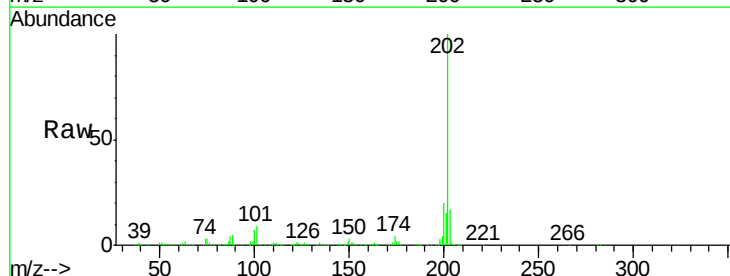
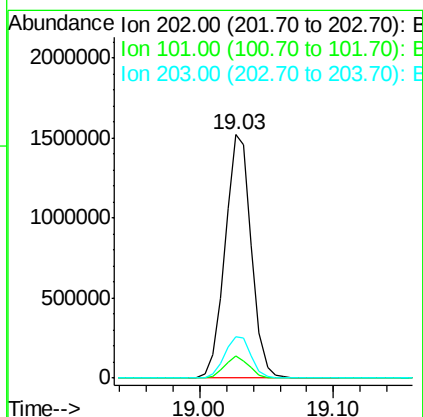
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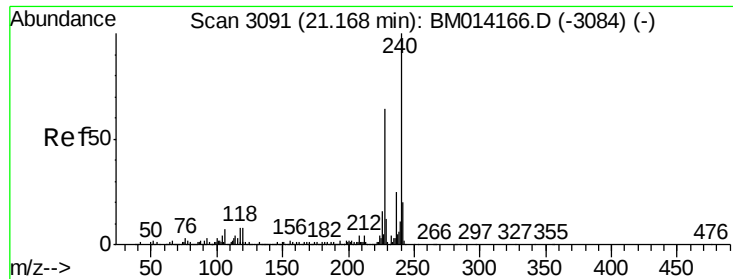
Sohil  
2/8/2018 3:50:24 PM



#74  
Fluoranthene  
Concen: 41.63 ng  
RT: 19.03 min Scan# 2727  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.1   | 0.0   | 28.7  |
| 203     | 17.2  | 0.0   | 37.2  |





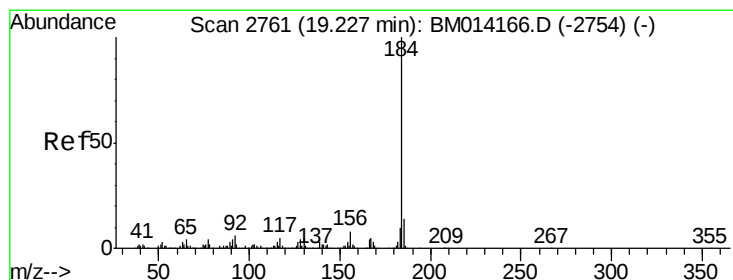
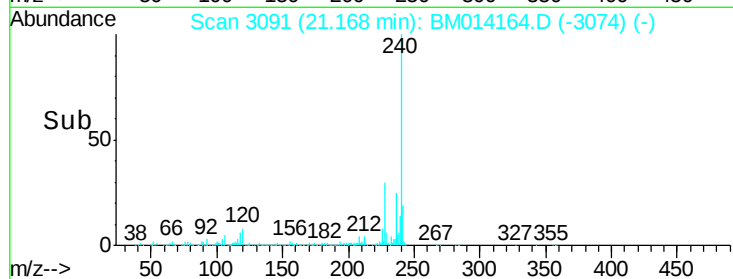
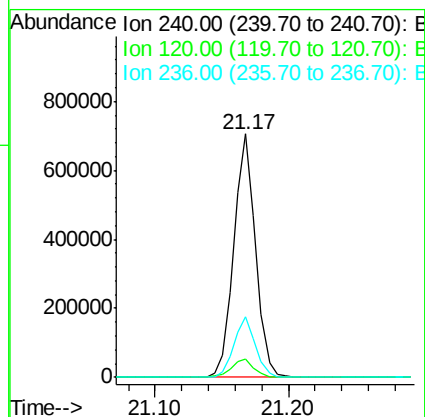
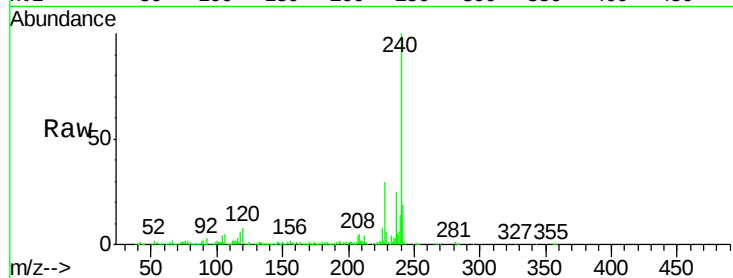
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.17 min Scan# 3091  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 804681 |       |       |
| 120     | 7.5   | 8.2    | 12.2# |       |
| 236     | 24.9  | 20.0   | 30.0  |       |

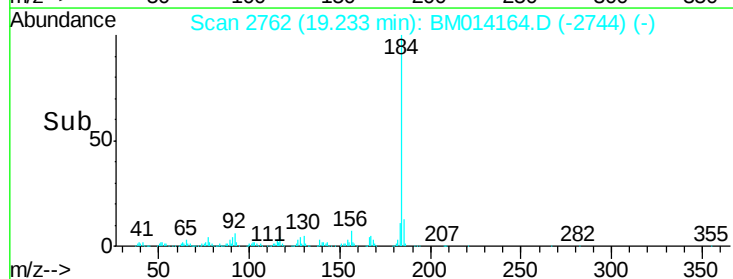
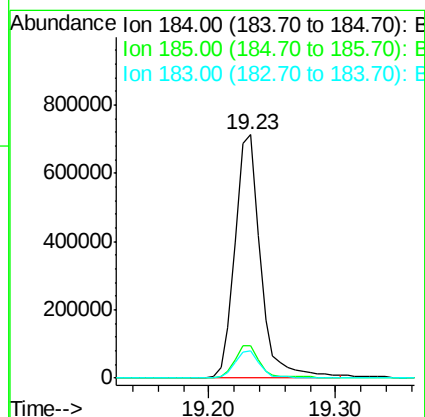
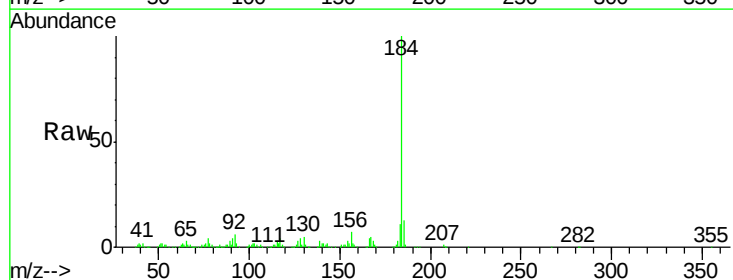
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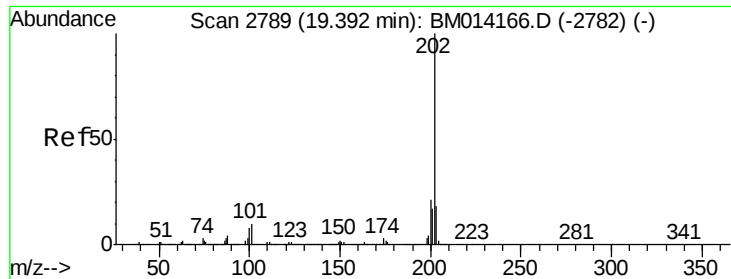
Sohil  
2/8/2018 3:50:24 PM



#76  
Benzidine  
Concen: 41.42 ng  
RT: 19.23 min Scan# 2762  
Delta R.T. 0.01 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 992694 |       |       |
| 185     | 13.5  | 11.3   | 16.9  |       |
| 183     | 11.0  | 8.9    | 13.3  |       |





#77

Pyrene

Concen: 39.64 ng

RT: 19.39 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

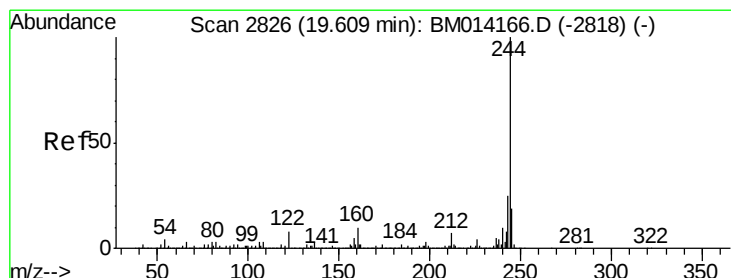
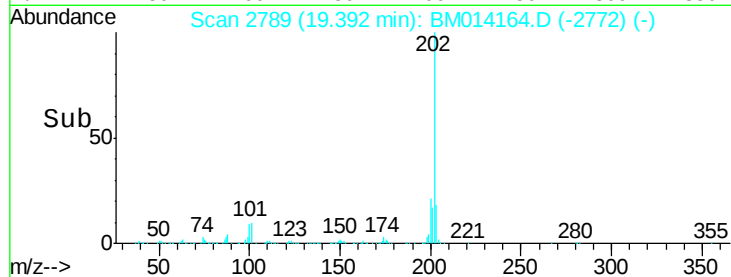
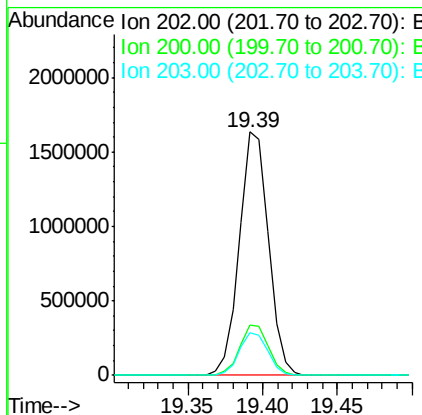
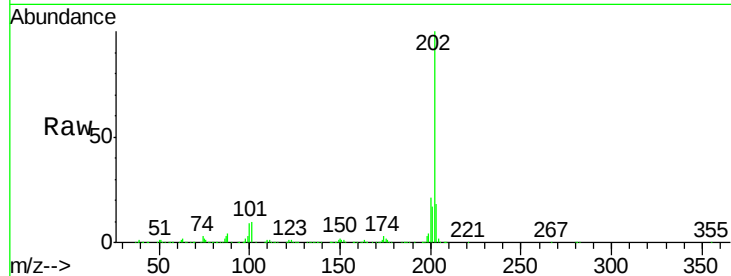
ClientSampleId :

SSTICCC040EC

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 2215763 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 200      | 20.7  | 16.9  | 25.3    |
| 203      | 17.5  | 14.1  | 21.1    |

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#78

Terphenyl-d14

Concen: 79.17 ng

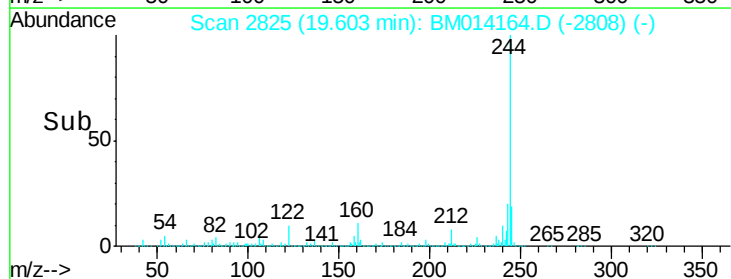
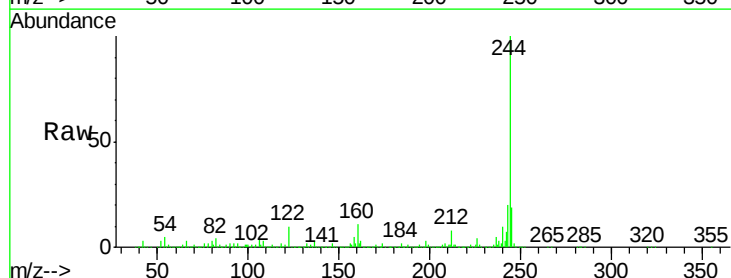
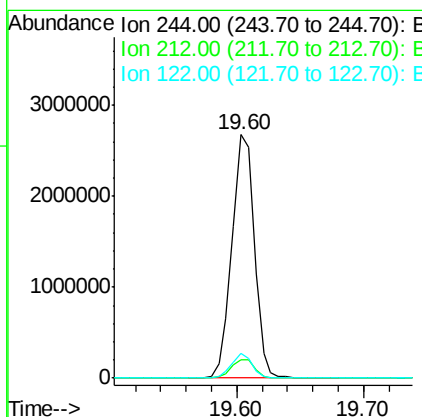
RT: 19.60 min Scan# 2825

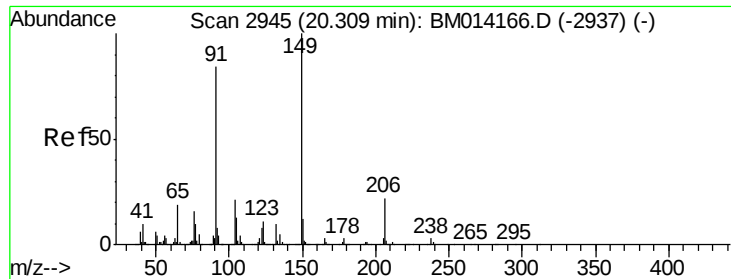
Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 3260322 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 7.7   | 4.9   | 7.3#    |
| 122      | 10.1  | 6.2   | 9.4#    |





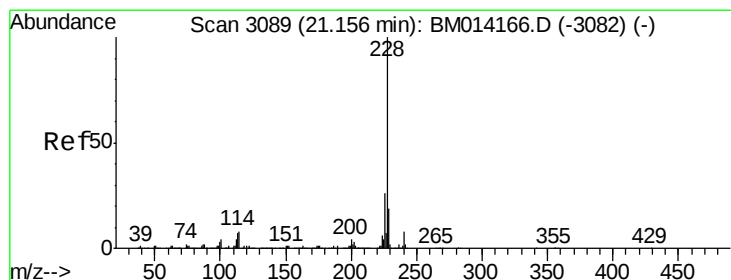
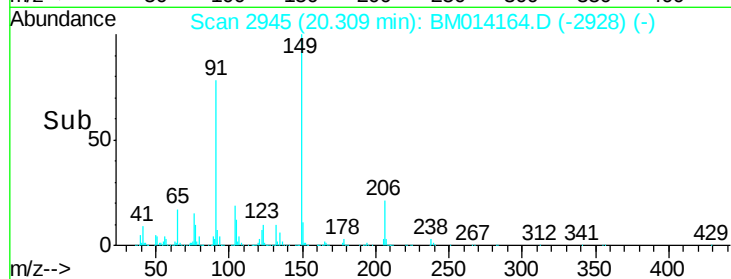
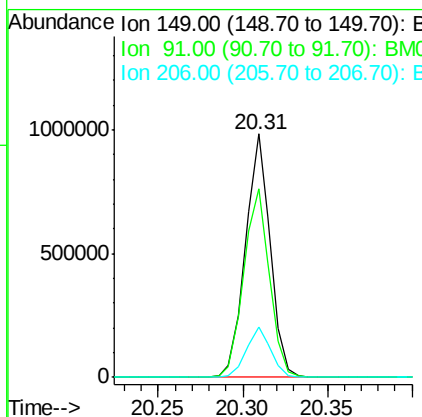
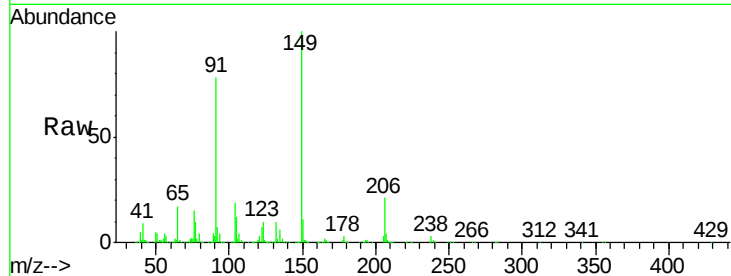
#79  
Butylbenzylphthalate  
Concen: 40.06 ng  
RT: 20.31 min Scan# 2945  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.6  | 50.1  | 75.1# |
| 206     | 20.7  | 16.2  | 24.2  |

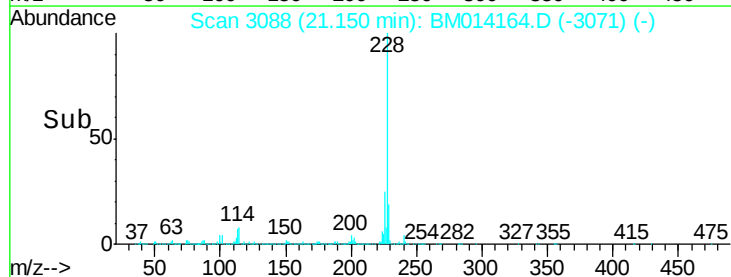
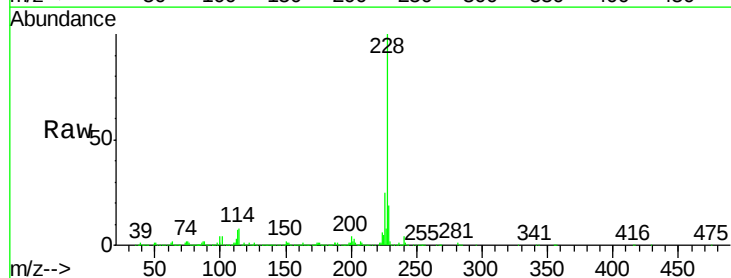
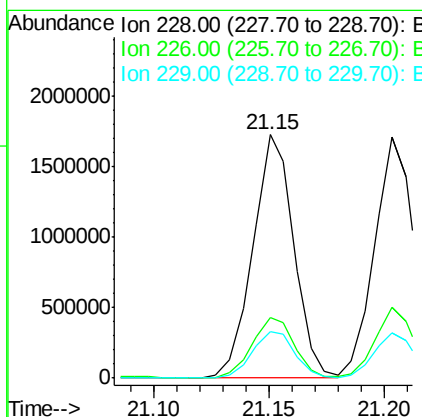
Manual Integrations  
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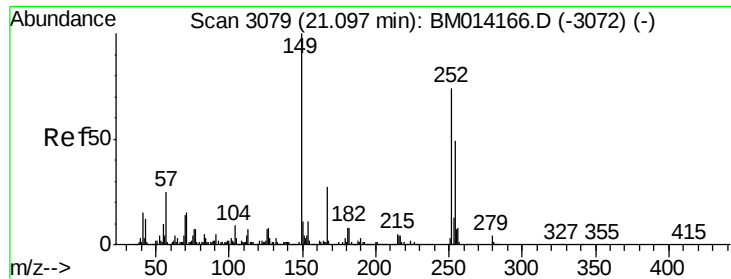
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#80  
Benzo(a)anthracene  
Concen: 40.75 ng  
RT: 21.15 min Scan# 3088  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 25.0  | 21.7  | 32.5  |
| 229     | 19.1  | 16.0  | 24.0  |





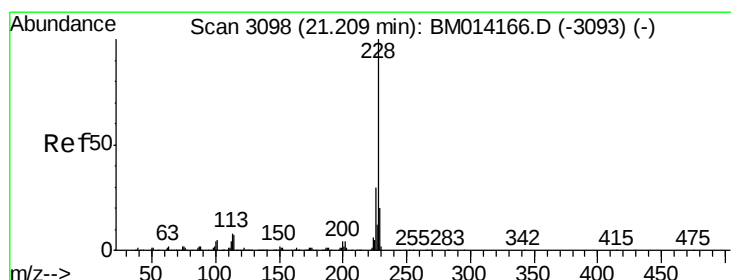
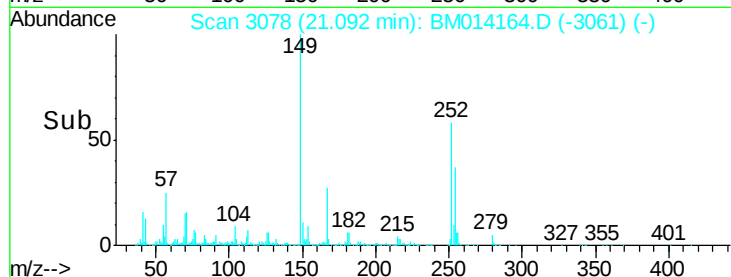
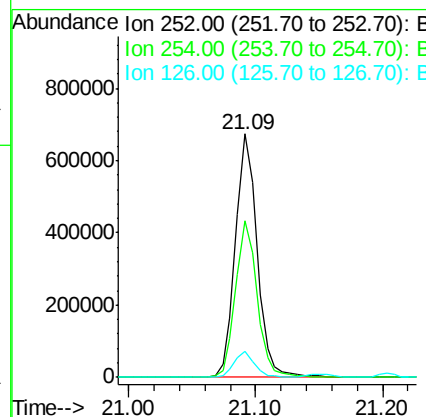
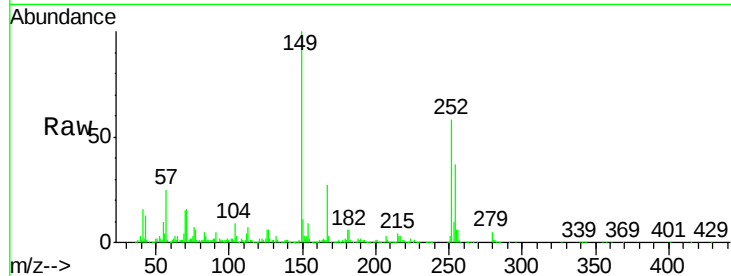
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.78 ng  
 RT: 21.09 min Scan# 3078  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 796944 |       |       |
| 254     | 64.3  | 51.9   | 77.9  |       |
| 126     | 10.5  | 9.8    | 14.8  |       |

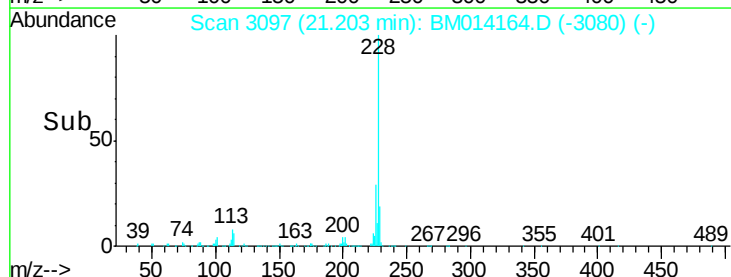
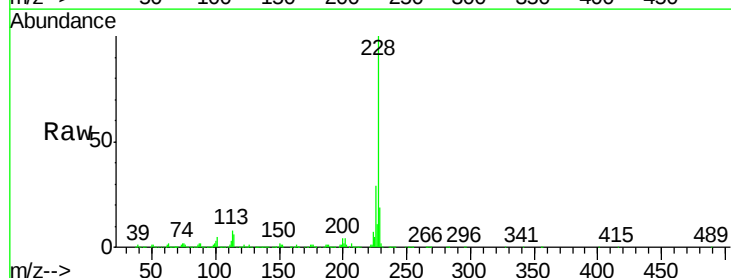
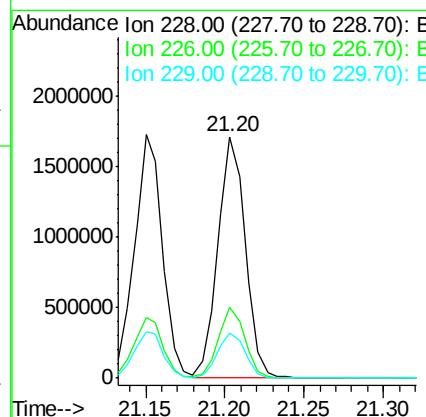
Manual Integrations  
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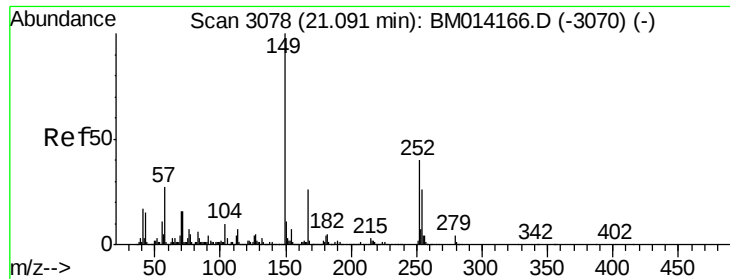
Sohil  
 2/8/2018 3:50:24 PM



#82  
 Chrysene  
 Concen: 40.54 ng  
 RT: 21.20 min Scan# 3097  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
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| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 2056288 |       |       |
| 226     | 29.1  | 24.1    | 36.1  |       |
| 229     | 18.8  | 15.5    | 23.3  |       |





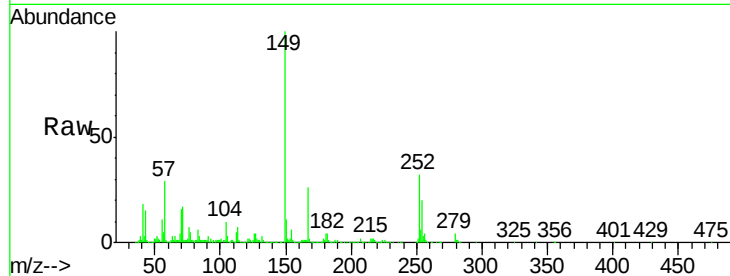
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.76 ng  
 RT: 21.09 min Scan# 3077  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

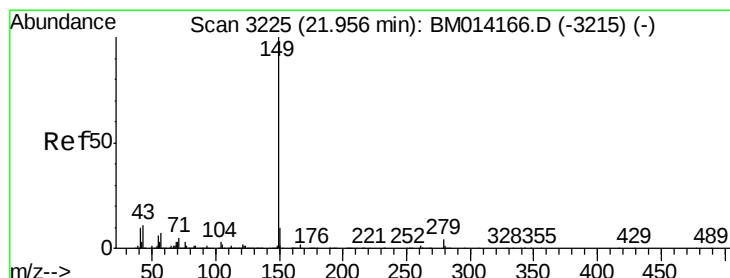
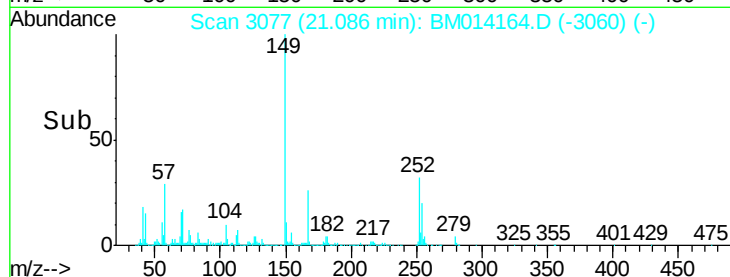
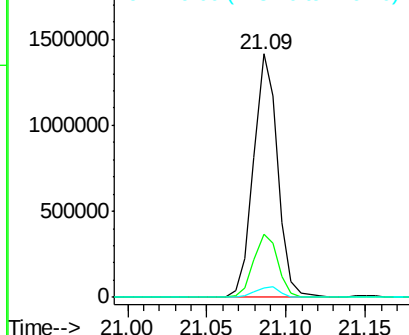
Tgt Ion:149 Resp: 1496753  
 Ion Ratio Lower Upper  
 149 100  
 167 26.1 22.4 33.6  
 279 4.1 3.4 5.0

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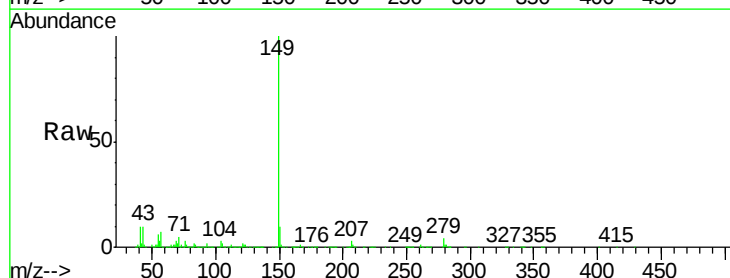


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

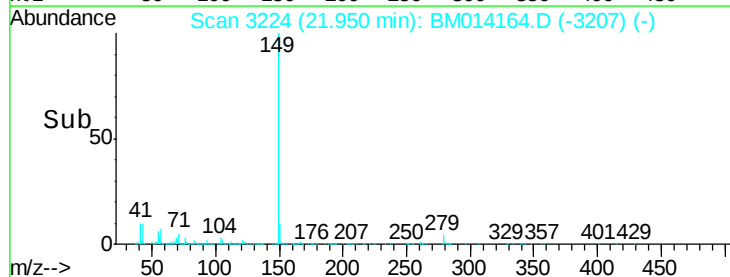
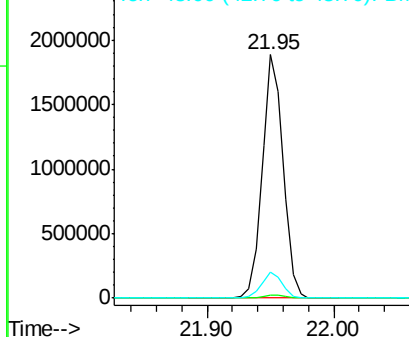


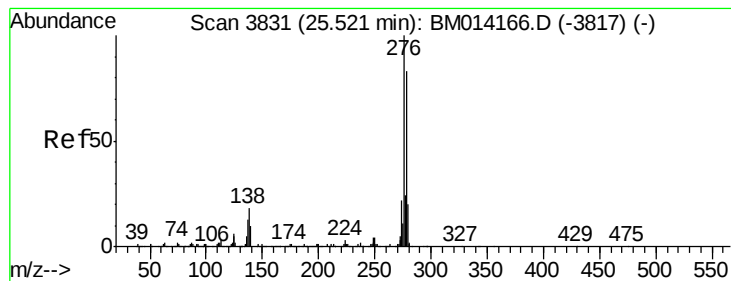
#84  
 Di-n-octyl phthalate  
 Concen: 42.53 ng  
 RT: 21.95 min Scan# 3224  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Tgt Ion:149 Resp: 2162297  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 10.5 7.3 10.9



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): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.05 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

ClientSampleId :

SSTICCC040EC

Tgt Ion:276 Resp: 1636982

Ion Ratio Lower Upper

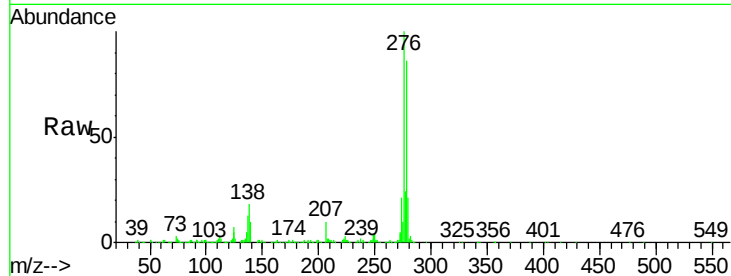
276 100

138 17.1 12.0 18.0

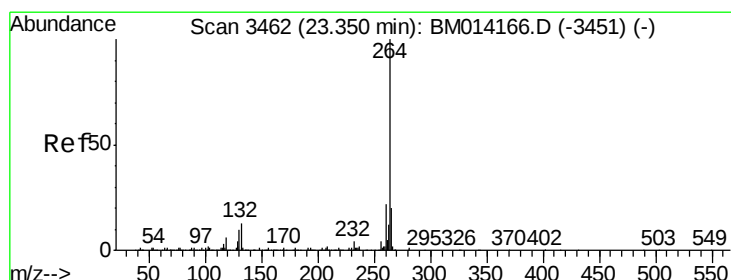
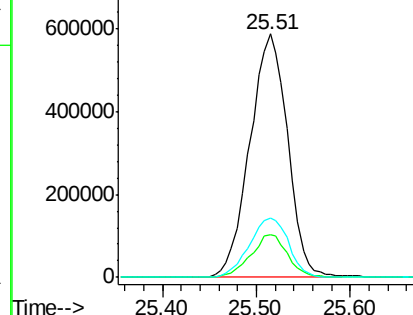
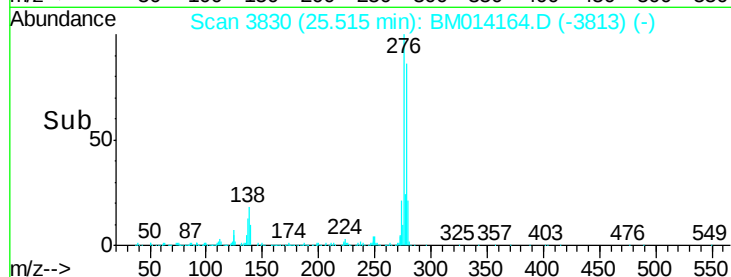
277 25.3 20.0 30.0

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Abundance Ion 276.00 (275.70 to 276.70): E  
800000  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.34 min Scan# 3461

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

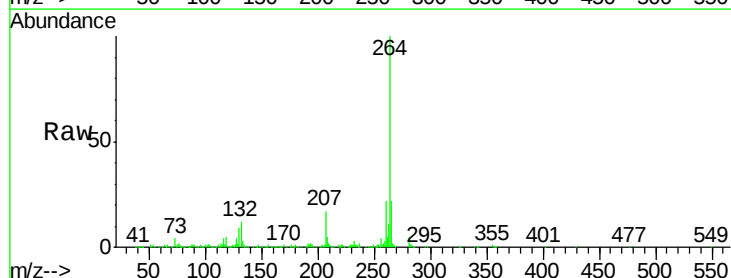
Tgt Ion:264 Resp: 678065

Ion Ratio Lower Upper

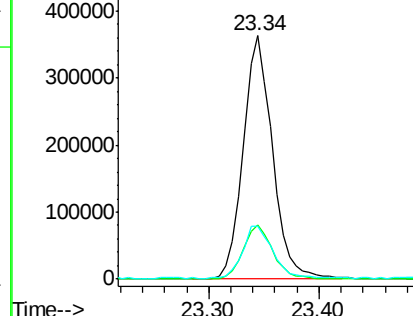
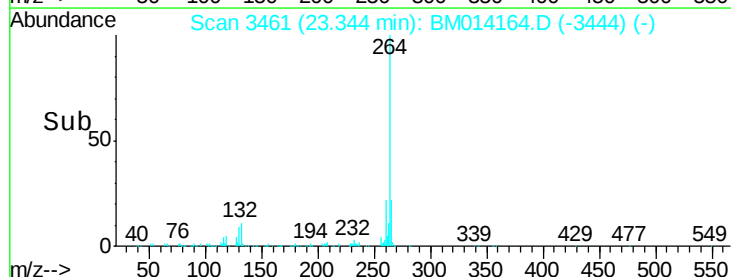
264 100

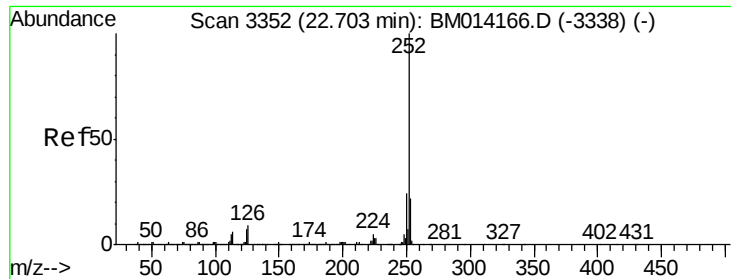
260 22.2 18.6 27.8

265 21.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E  
500000  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.99 ng

RT: 22.70 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

Instrument :

BNA\_M

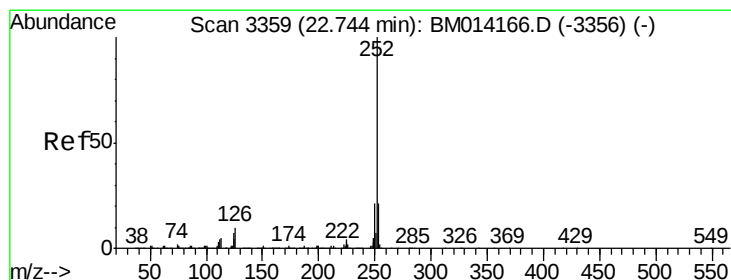
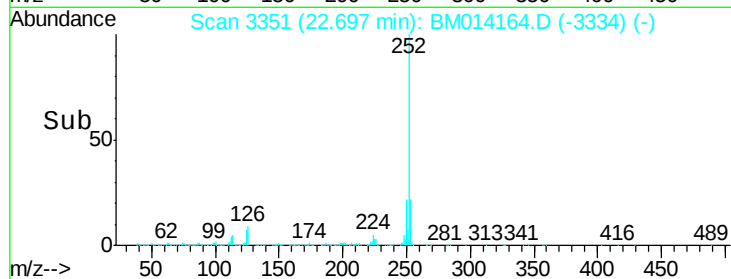
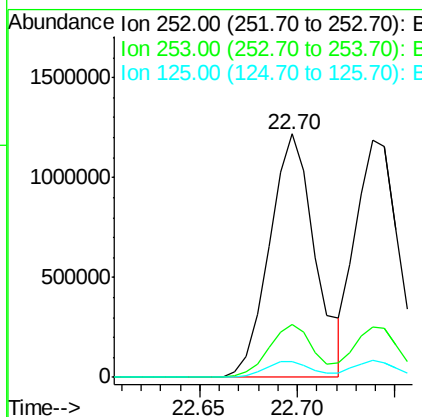
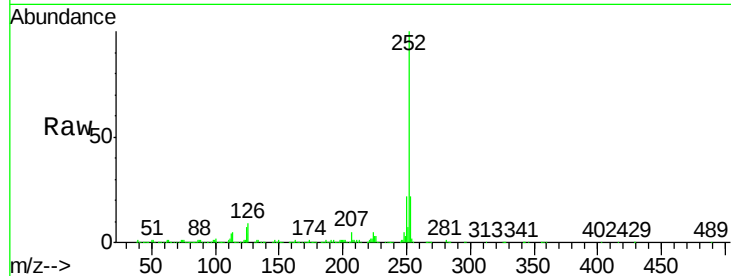
ClientSampleId :

SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.0  | 27.0  |
| 125     | 6.6   | 9.9   | 14.9# |

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#88

Benzo(k)fluoranthene

Concen: 40.17 ng

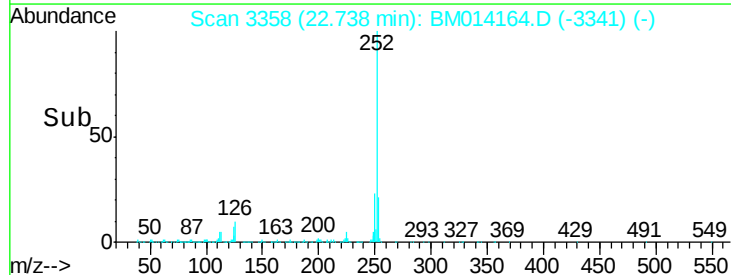
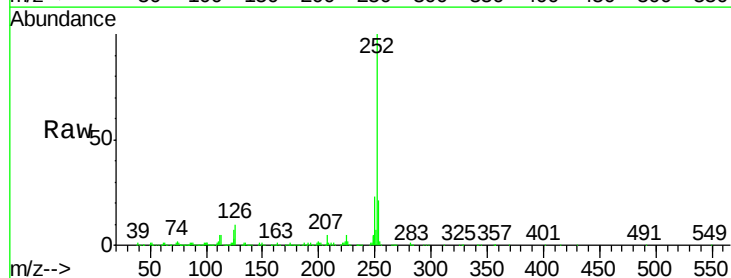
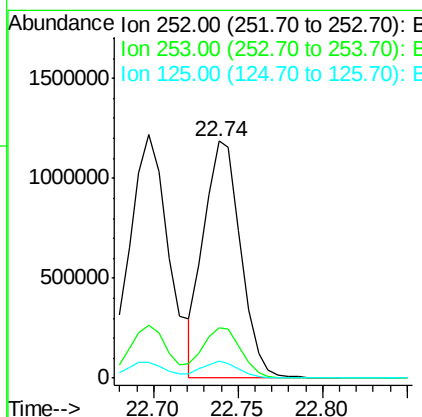
RT: 22.74 min Scan# 3358

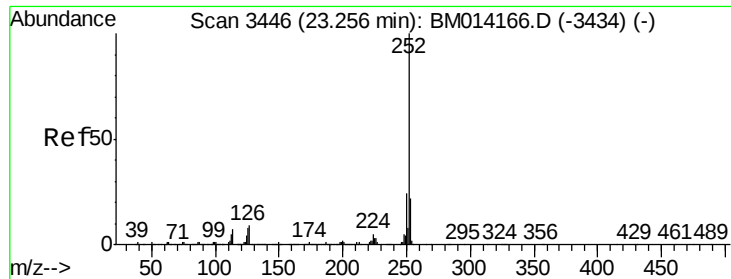
Delta R.T. -0.00 min

Lab File: BM014164.D

Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.2  | 25.8  |
| 125     | 7.1   | 8.1   | 12.1# |





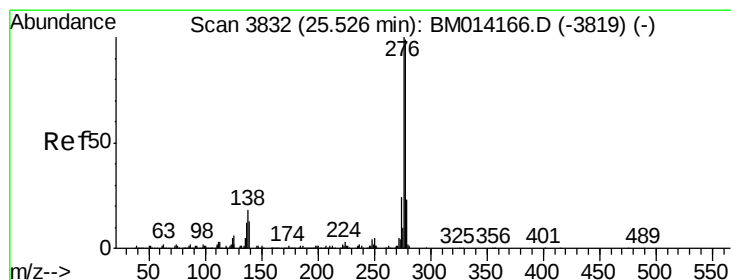
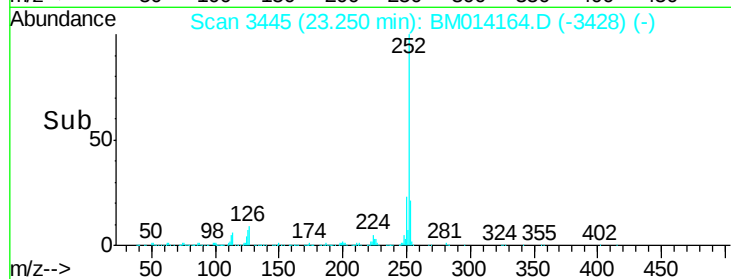
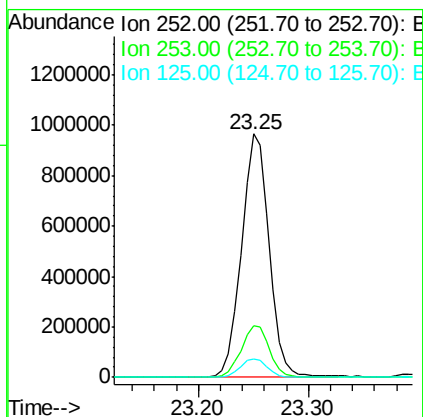
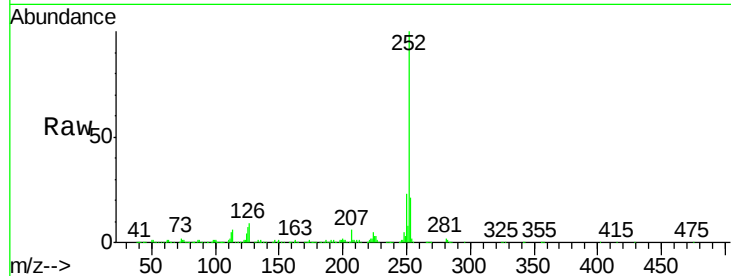
#89  
Benzo(a)pyrene  
Concen: 40.97 ng  
RT: 23.25 min Scan# 3445  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.6  | 26.4  |
| 125     | 7.5   | 7.4   | 11.2  |

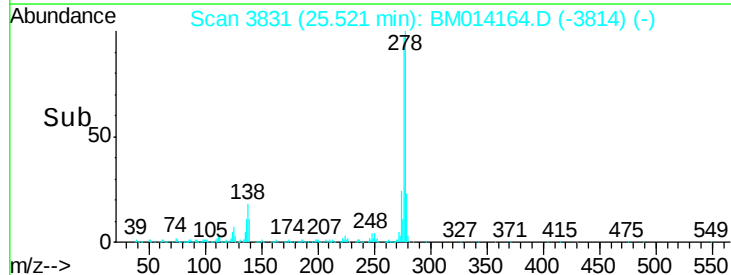
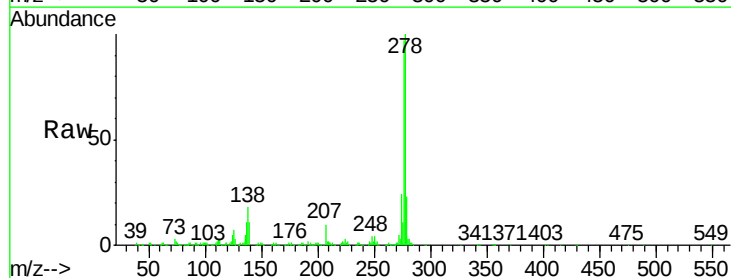
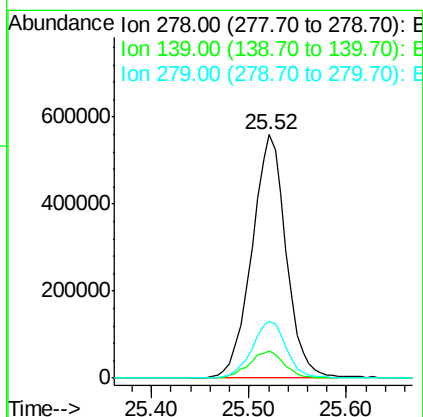
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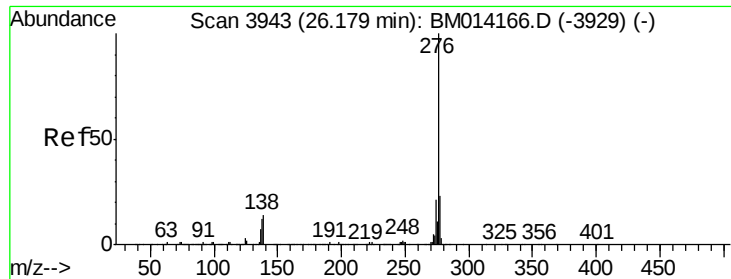
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#90  
Dibenzo(a,h)anthracene  
Concen: 40.58 ng  
RT: 25.52 min Scan# 3831  
Delta R.T. -0.00 min  
Lab File: BM014164.D  
Acq: 07 Feb 2018 16:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.1  | 13.4  | 20.0# |
| 279     | 23.5  | 19.0  | 28.4  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 40.50 ng  
 RT: 26.17 min Scan# 3942  
 Delta R.T. -0.00 min  
 Lab File: BM014164.D  
 Acq: 07 Feb 2018 16:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTICCC040EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.5  | 27.7  |
| 138     | 12.4  | 19.0  | 28.6  |

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