

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM083118\  
 Data File : BM016636.D  
 Acq On : 31 Aug 2018 14:14  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil  
 9/4/2018 4:39:10 PM

Quant Time: Aug 31 15:12:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 71128    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 295592   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.64 | 164  | 226407   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.38 | 188  | 765397   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.53 | 240  | 1219862  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.80 | 264  | 1222340  | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.55  | 112 | 265996  | 73.28  | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 381131  | 79.35  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 611667  | 94.48  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.14 | 330 | 539385  | 85.22  | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.26 | 172 | 2101964 | 89.24  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.97 | 244 | 5997110 | 104.06 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.36  | 88  | 87849   | 43.809 | ng | # 100  |
| 3) Pyridine                    | 3.80  | 79  | 148003  | 35.474 | ng | # 82   |
| 4) n-Nitrosodimethylamine      | 3.72  | 42  | 84653   | 45.545 | ng | # 63   |
| 6) Aniline                     | 7.33  | 93  | 211369  | 39.326 | ng | # 82   |
| 8) 2-Chlorophenol              | 7.56  | 128 | 180887  | 41.881 | ng | # 94   |
| 9) Benzaldehyde                | 7.16  | 77  | 144191  | 43.257 | ng | # 72   |
| 10) Phenol                     | 7.20  | 94  | 186952  | 39.358 | ng | # 90   |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 135449  | 38.027 | ng | # 98   |
| 12) 1,3-Dichlorobenzene        | 7.88  | 146 | 220457  | 38.499 | ng | # 84   |
| 13) 1,4-Dichlorobenzene        | 8.03  | 146 | 218559  | 37.191 | ng | # 94   |
| 14) 1,2-Dichlorobenzene        | 8.35  | 146 | 219466  | 38.013 | ng | # 92   |
| 15) Benzyl Alcohol             | 8.26  | 79  | 161328  | 36.169 | ng | # 72   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45  | 95432   | 38.909 | ng | # 35   |
| 17) 2-Methylphenol             | 8.46  | 107 | 140966  | 40.981 | ng | # 73   |
| 18) Hexachloroethane           | 9.06  | 117 | 132383  | 48.898 | ng | # 50   |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 158639  | 42.126 | ng | # 89   |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 186303  | 39.172 | ng | # 71   |
| 22) Acetophenone               | 8.85  | 105 | 282693  | 39.716 | ng | # 96   |
| 24) Nitrobenzene               | 9.23  | 77  | 262562  | 40.591 | ng | # 91   |
| 25) Isophorone                 | 9.74  | 82  | 377123  | 43.586 | ng | # 90   |
| 26) 2-Nitrophenol              | 9.94  | 139 | 102350  | 37.012 | ng | # 42   |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 139841  | 38.805 | ng | # 73   |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 208074  | 40.286 | ng | # 98   |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 234313  | 43.444 | ng | # 94   |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 378498  | 46.249 | ng | # 92   |
| 31) Naphthalene                | 10.85 | 128 | 560837  | 39.823 | ng | # 98   |
| 32) Benzoic acid               | 10.20 | 122 | 108024m | 35.826 | ng | #      |
| 33) 4-Chloroaniline            | 10.99 | 127 | 235572  | 39.746 | ng | # 84   |
| 34) Hexachlorobutadiene        | 11.10 | 225 | 428433  | 54.848 | ng | # 94   |
| 35) Caprolactam                | 11.82 | 113 | 53381   | 41.247 | ng | # 66   |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 216519  | 41.758 | ng | # 85   |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 452133  | 41.009 | ng | # 84   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 607696  | 47.525 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.78 | 237 | 264068  | 53.031 | ng | # 98   |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

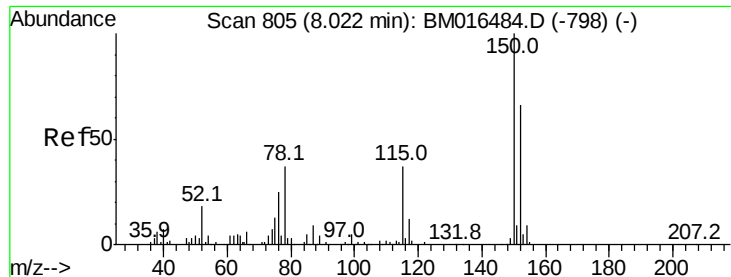
Sohil  
 9/4/2018 4:39:10 PM

Quant Time: Aug 31 15:12:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 27 13:01:22 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.09 | 196  | 354067   | 46.305 | nq    | 94       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 327325   | 43.824 | nq    | # 94     |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 715877   | 36.060 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.52 | 162  | 598526   | 37.109 | nq    | 94       |
| 47) 2-Nitroaniline             | 13.76 | 65   | 170800   | 39.758 | nq    | # 78     |
| 48) Acenaphthylene             | 14.37 | 152  | 847840   | 37.240 | nq    | 99       |
| 49) Dimethylphthalate          | 14.10 | 163  | 850879   | 39.118 | nq    | # 97     |
| 50) 2,6-Dinitrotoluene         | 14.24 | 165  | 168377   | 39.687 | nq    | # 62     |
| 51) Acenaphthene               | 14.70 | 154  | 513601   | 36.720 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.59 | 138  | 138491   | 35.875 | nq    | # 75     |
| 53) 2,4-Dinitrophenol          | 14.83 | 184  | 80915    | 38.110 | nq    | # 76     |
| 54) Dibenzofuran               | 15.04 | 168  | 1060230  | 39.597 | nq    | # 89     |
| 55) 4-Nitrophenol              | 14.92 | 139  | 84331    | 34.250 | nq    | # 77     |
| 56) 2,4-Dinitrotoluene         | 15.04 | 165  | 263536   | 37.251 | nq    | # 81     |
| 57) Fluorene                   | 15.69 | 166  | 812285   | 40.159 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 355589   | 49.533 | nq    | # 100    |
| 59) Diethylphthalate           | 15.46 | 149  | 874766   | 38.570 | nq    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 818384   | 48.246 | nq    | # 83     |
| 61) 4-Nitroaniline             | 15.76 | 138  | 128280   | 34.001 | nq    | # 1      |
| 62) Azobenzene                 | 15.97 | 77   | 1103066  | 45.663 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 207498   | 35.679 | nq    | # 56     |
| 65) n-Nitrosodiphenylamine     | 15.90 | 169  | 771998   | 35.853 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 516262   | 43.898 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 582309   | 42.458 | nq    | 93       |
| 68) Atrazine                   | 16.84 | 200  | 425730   | 43.324 | nq    | 93       |
| 69) Pentachlorophenol          | 17.04 | 266  | 291925   | 40.228 | nq    | 96       |
| 70) Phenanthrene               | 17.43 | 178  | 1474333  | 37.268 | nq    | 99       |
| 71) Anthracene                 | 17.52 | 178  | 1463594  | 37.258 | nq    | 98       |
| 72) Carbazole                  | 17.80 | 167  | 1203788  | 34.099 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.32 | 149  | 1559778  | 36.241 | nq    | # 96     |
| 74) Fluoranthene               | 19.43 | 202  | 2378759  | 41.010 | nq    | 94       |
| 76) Benzidine                  | 19.62 | 184  | 818149   | 34.875 | nq    | 98       |
| 77) Pyrene                     | 19.79 | 202  | 2556751  | 38.566 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.65 | 149  | 802900   | 35.087 | nq    | # 70     |
| 80) Benzo(a)anthracene         | 21.51 | 228  | 2862516  | 39.914 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.44 | 252  | 1130293  | 35.406 | nq    | # 95     |
| 82) Chrysene                   | 21.56 | 228  | 2679259  | 39.154 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.40 | 149  | 1177140  | 34.603 | nq    | # 96     |
| 84) Di-n-octyl phthalate       | 22.29 | 149  | 1910437  | 33.793 | nq    | # 94     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.11 | 276  | 3214161  | 32.662 | nq    | # 92     |
| 87) Benzo(b)fluoranthene       | 23.12 | 252  | 2833016  | 40.206 | nq    | # 89     |
| 88) Benzo(k)fluoranthene       | 23.16 | 252  | 2920480  | 40.735 | nq    | # 92     |
| 89) Benzo(a)pyrene             | 23.71 | 252  | 2693590  | 39.288 | nq    | # 94     |
| 90) Dibenzo(a,h)anthracene     | 26.11 | 278  | 2723279  | 35.442 | nq    | # 86     |
| 91) Benzo(g,h,i)perylene       | 26.83 | 276  | 2457595  | 35.632 | nq    | # 80     |

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





#1

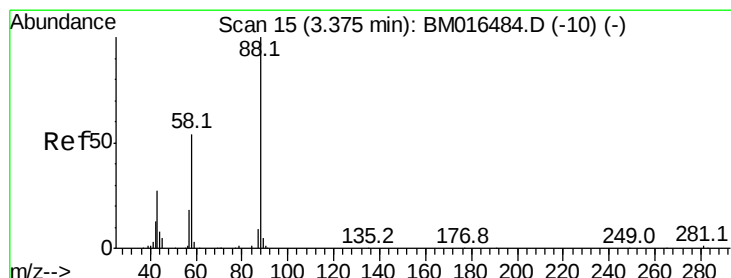
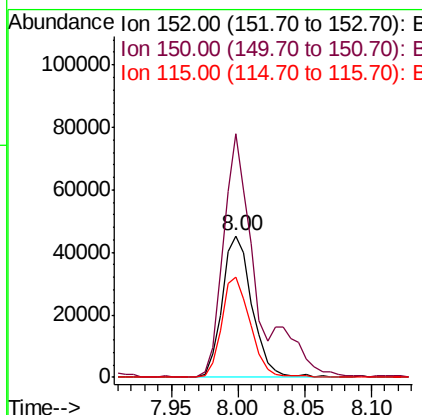
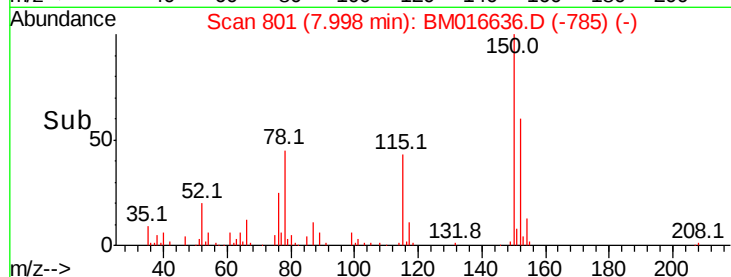
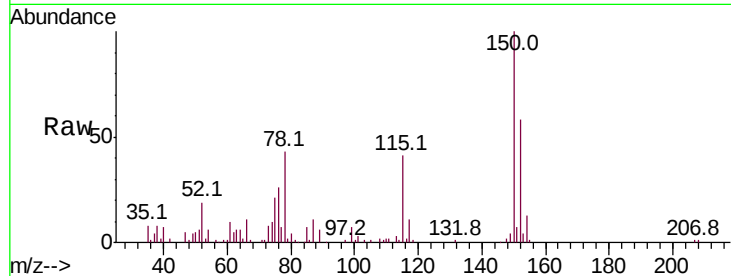
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampled :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 172.2 | 119.5 | 179.3 |
| 115     | 71.2  | 43.0  | 64.4  |

Manual Integrations  
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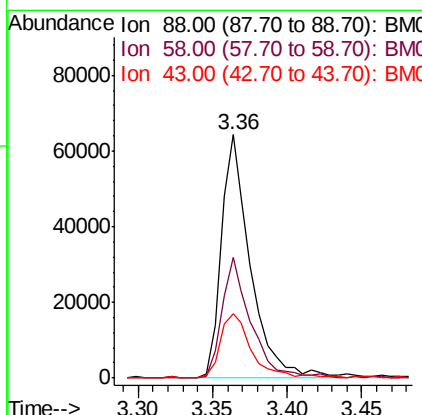
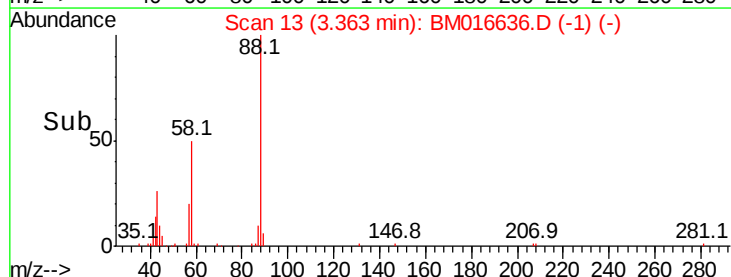
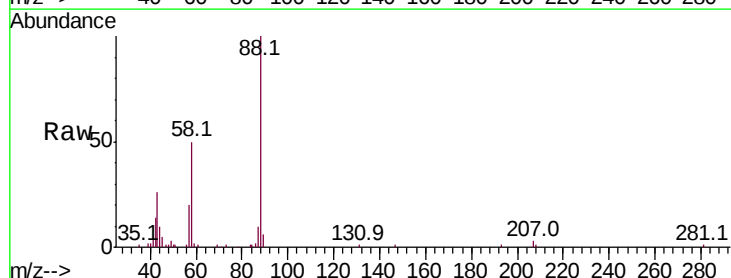
Sohil  
9/4/2018 4:39:10 PM

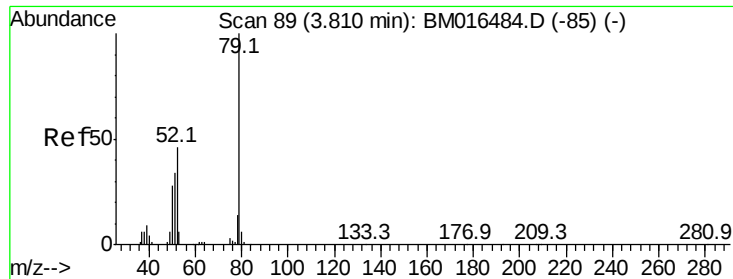


#2

1,4-Dioxane  
Concen: 43.809 ng  
RT: 3.36 min Scan# 13  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 49.4  | 0.0   | 0.0   |
| 43      | 29.0  | 0.0   | 0.0   |





#3

Pvridine

Concen: 35.474 ng

RT: 3.80 min Scan# 87

Delta R.T. -0.00 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

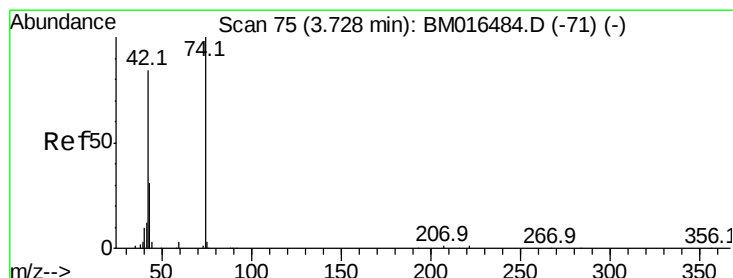
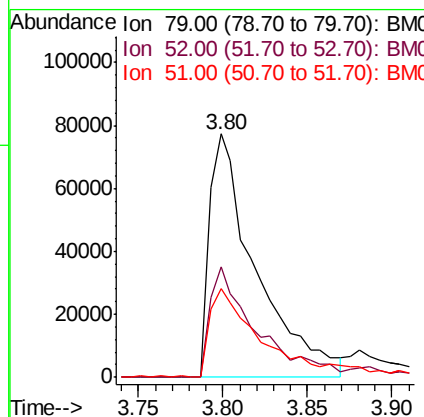
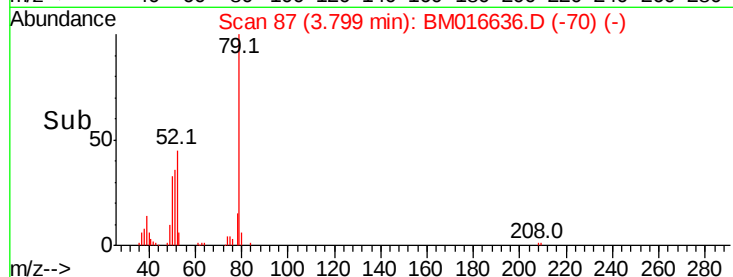
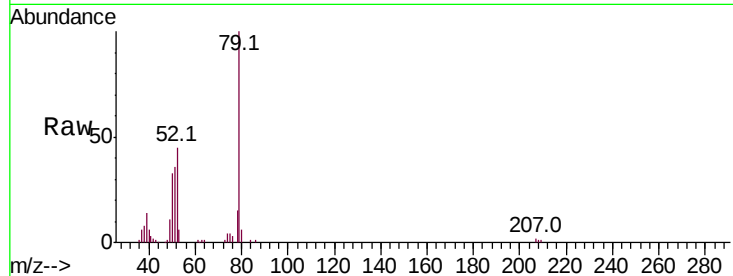
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 148003 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 45.3  | 51.1  | 76.7#  |
| 51        | 36.2  | 26.1  | 39.1   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 45.545 ng

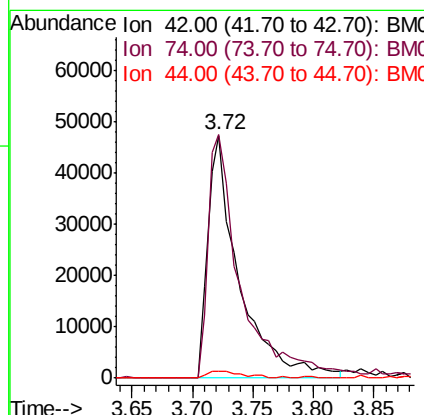
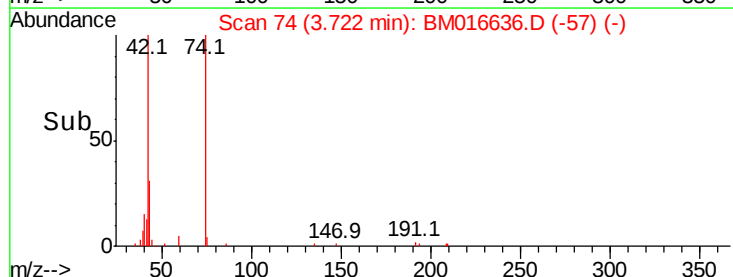
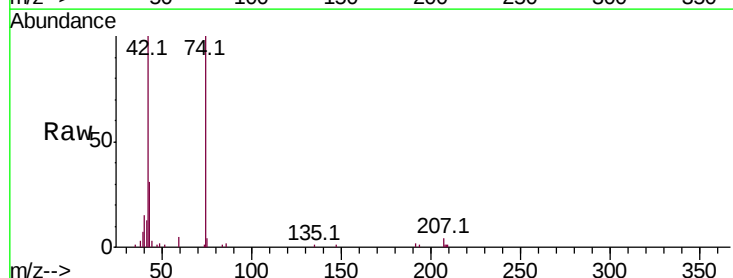
RT: 3.72 min Scan# 74

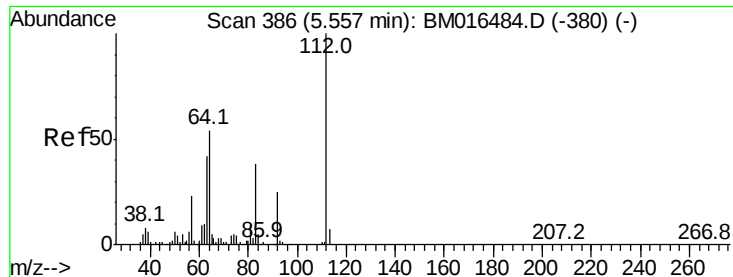
Delta R.T. -0.00 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 84653  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 100.2 | 119.3 | 178.9# |
| 44        | 3.0   | 5.4   | 8.2#   |





#5

2-Fluorophenol

Concen: 73.282 ng

RT: 5.55 min Scan# 384

Delta R.T. -0.00 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

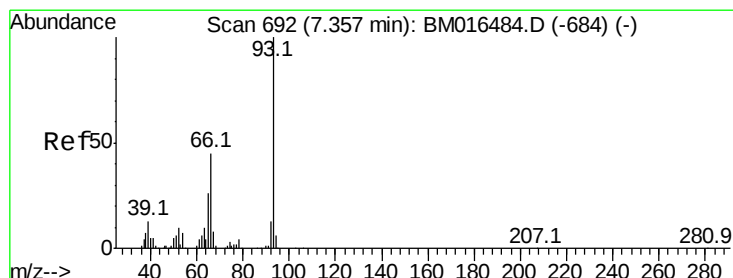
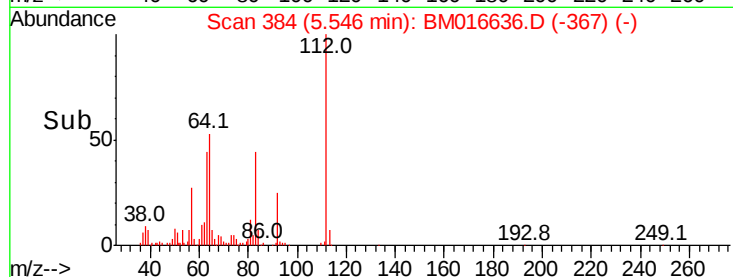
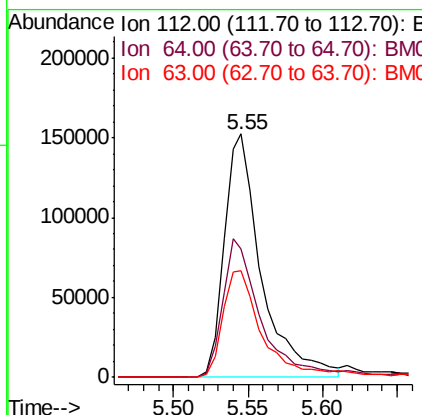
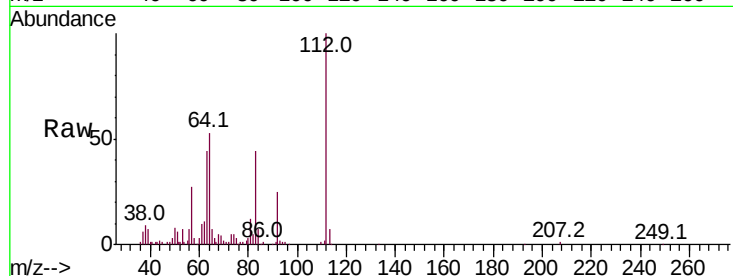
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 265996 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 52.9  | 38.6  | 57.8   |
| 63        | 44.0  | 19.3  | 28.9#  |

Manual Integrations  
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9/4/2018 4:39:10 PM



#6

Aniline

Concen: 39.326 ng

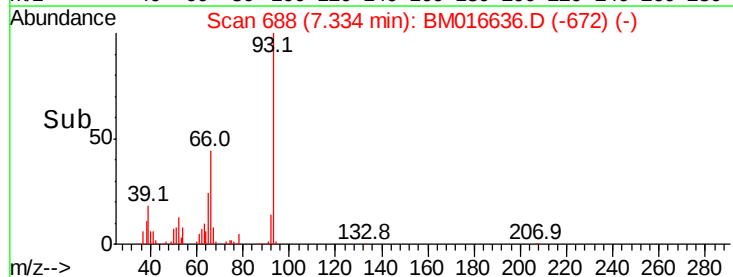
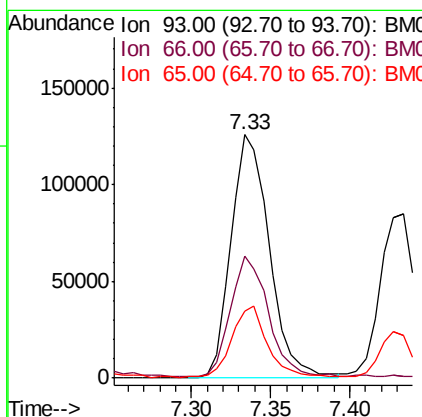
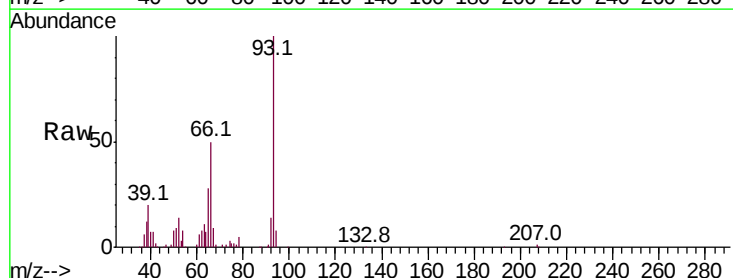
RT: 7.33 min Scan# 688

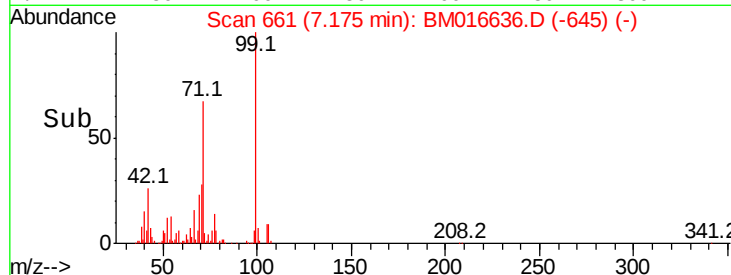
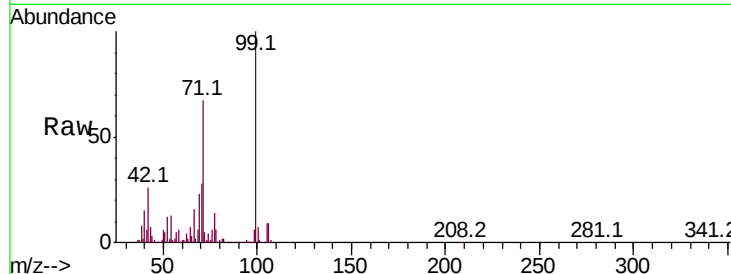
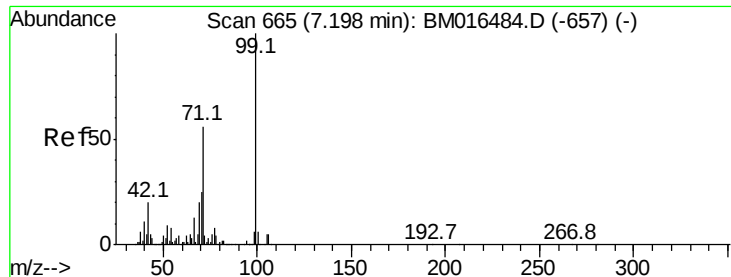
Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 211369 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 50.0  | 30.8  | 46.2#  |
| 65        | 27.5  | 16.0  | 24.0#  |





#7

Phenol-d6

Concen: 79.350 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 381131 |       |       |
| 42      | 25.8 | 11.0  | 16.4#  |       |       |
| 71      | 67.5 | 23.4  | 35.2#  |       |       |

Instrument :

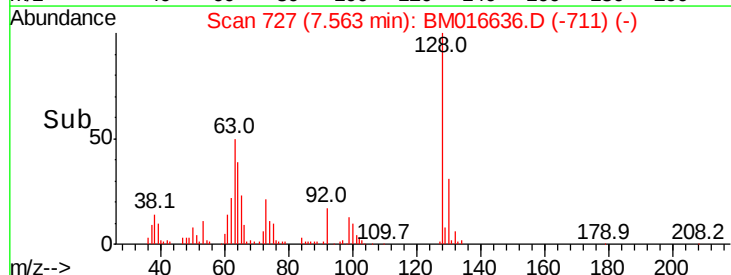
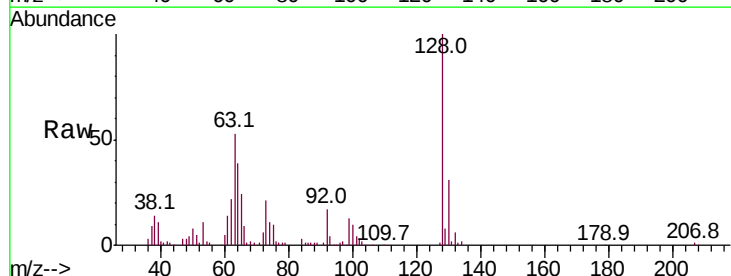
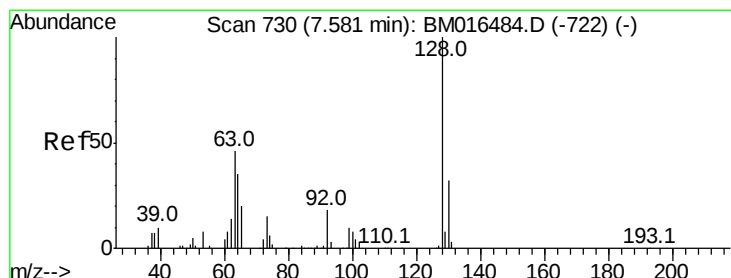
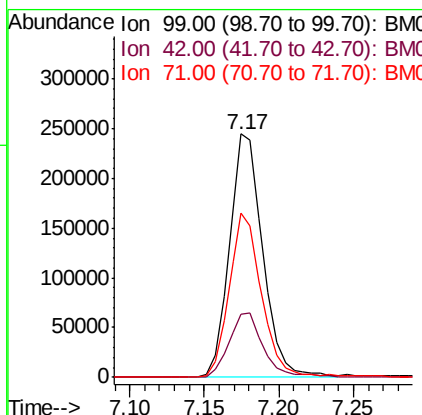
BNA\_M

ClientSampleId :

SSTDCCC040

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.881 ng

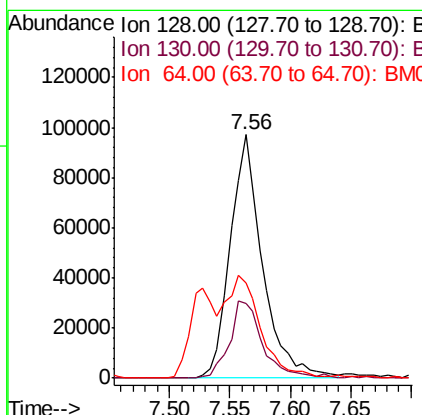
RT: 7.56 min Scan# 727

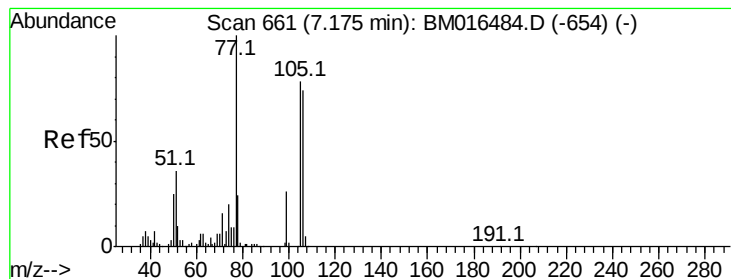
Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 180887 |       |       |
| 130     | 30.7 | 12.0  | 52.0   |       |       |
| 64      | 39.0 | 24.9  | 64.9   |       |       |





#9

Benzaldehyde

Concen: 43.257 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

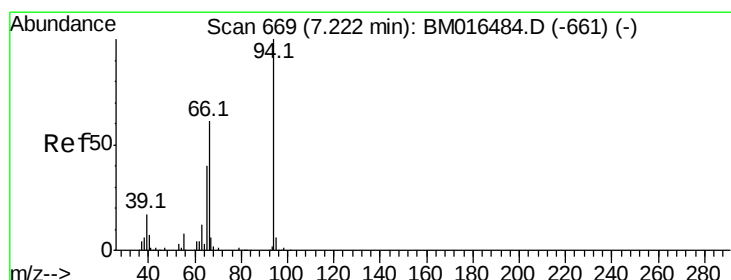
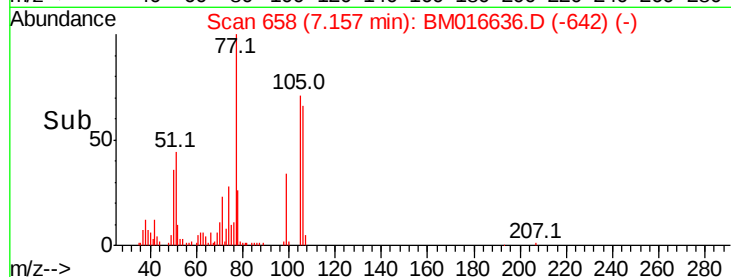
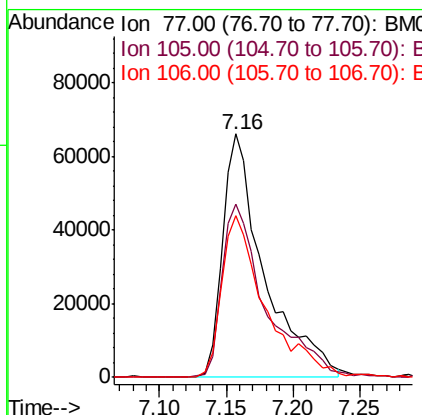
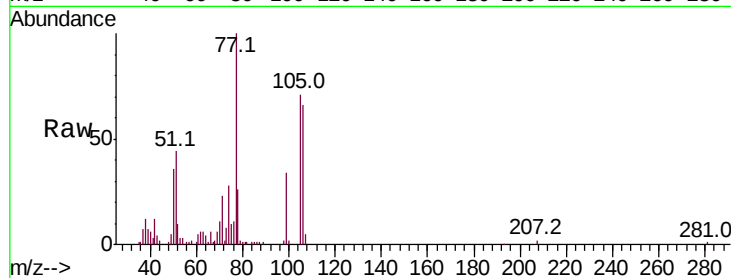
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 144191 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 71.1  | 78.8  | 118.8# |
| 106       | 66.4  | 73.7  | 113.7# |

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#10

Phenol

Concen: 39.358 ng

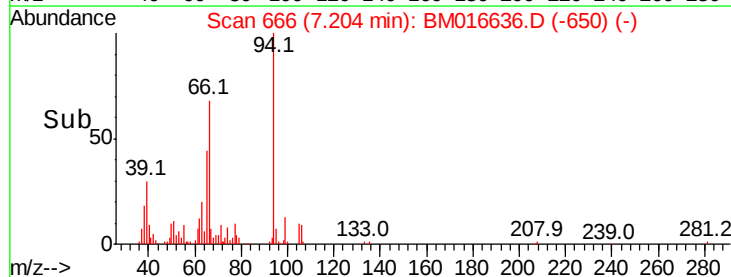
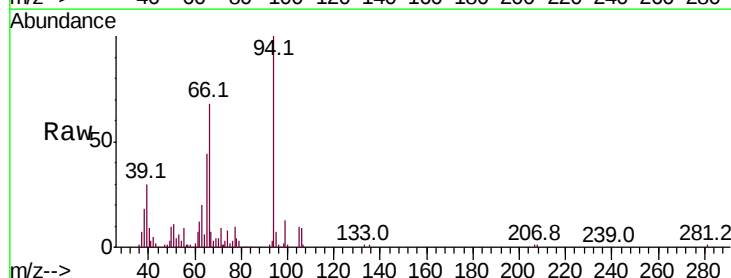
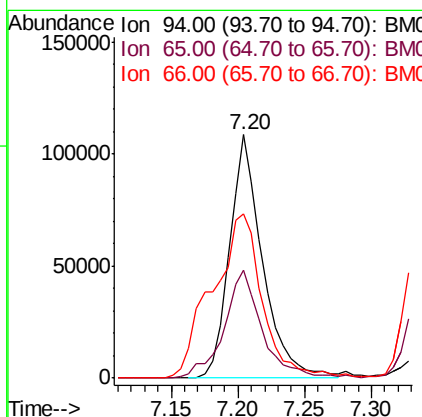
RT: 7.20 min Scan# 666

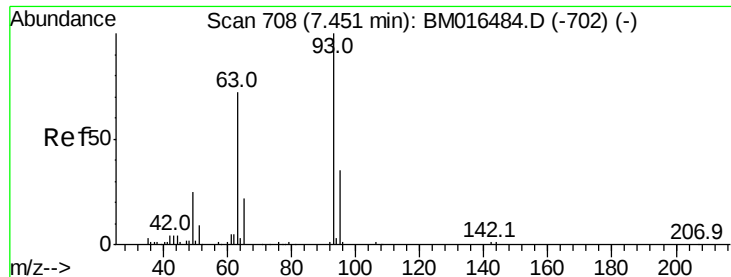
Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 186952 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 44.2  | 18.8  | 58.8   |
| 66        | 67.5  | 39.9  | 79.9   |





#11

bis(2-Chloroethyl)ether

Concen: 38.027 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

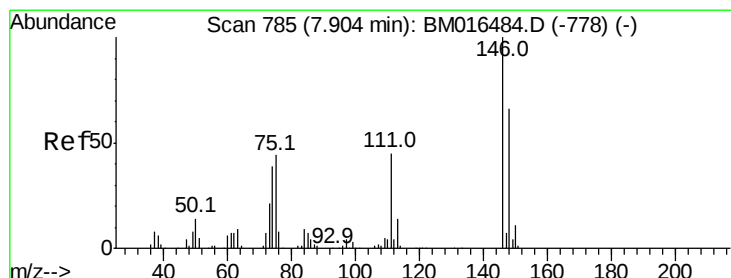
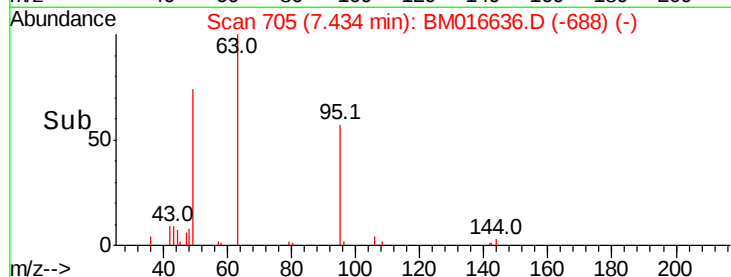
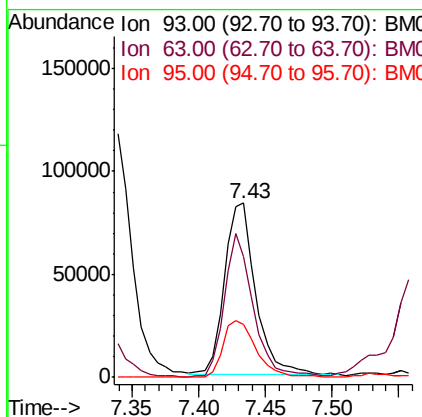
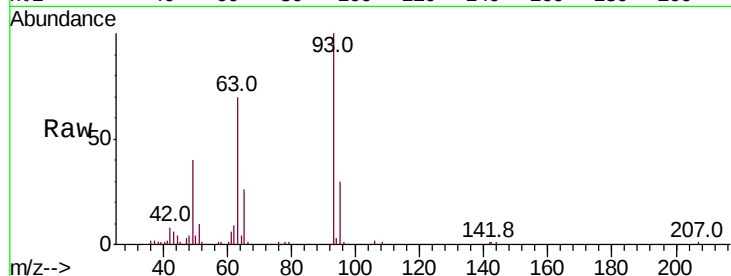
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 135449 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 69.6  | 49.5  | 89.5   |
| 95       | 30.1  | 13.5  | 53.5   |

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#12

1,3-Dichlorobenzene

Concen: 38.499 ng

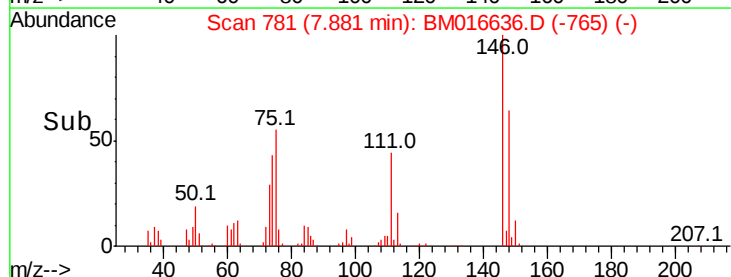
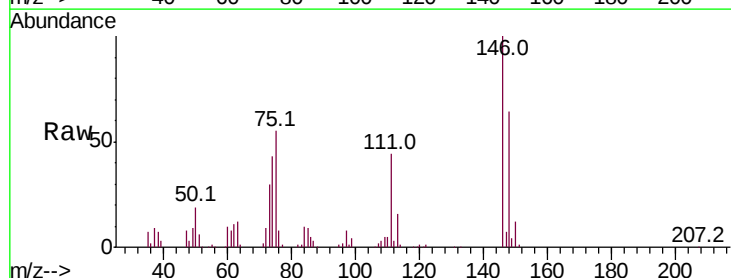
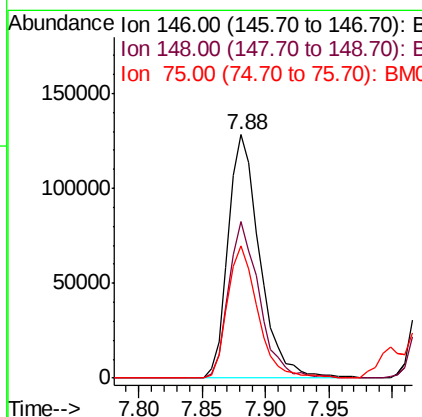
RT: 7.88 min Scan# 781

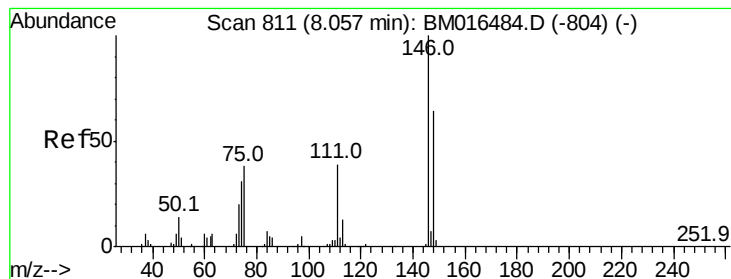
Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 220457 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.2  | 50.9  | 76.3   |
| 75       | 54.6  | 21.4  | 32.2#  |





#13

1,4-Dichlorobenzene

Concen: 37.191 ng

RT: 8.03 min Scan# 807

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

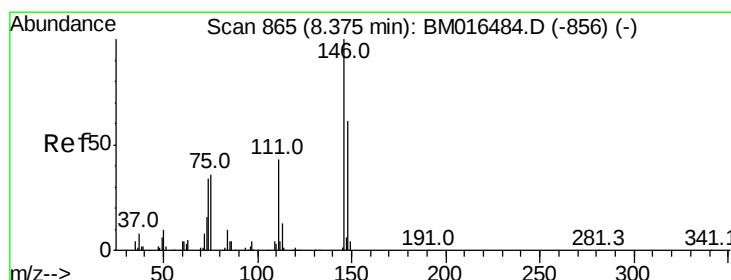
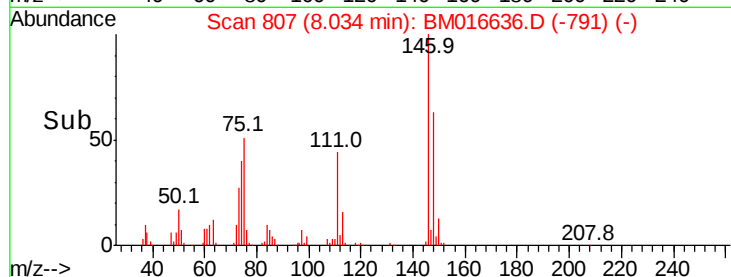
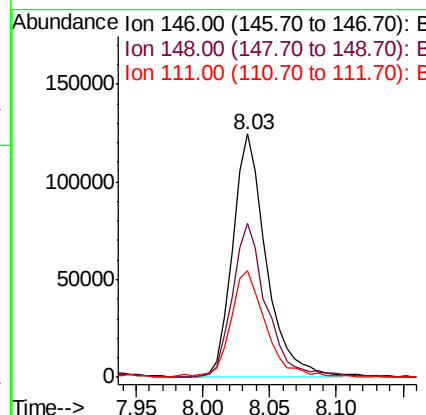
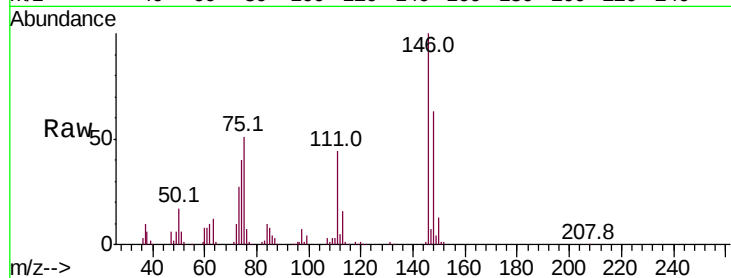
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 218559 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.1  | 51.9  | 77.9   |
| 111       | 43.8  | 29.2  | 43.8#  |

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#14

1,2-Dichlorobenzene

Concen: 38.013 ng

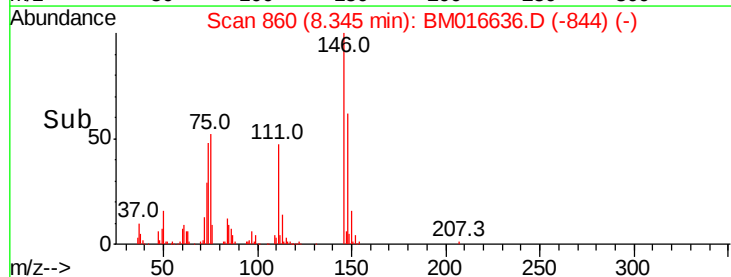
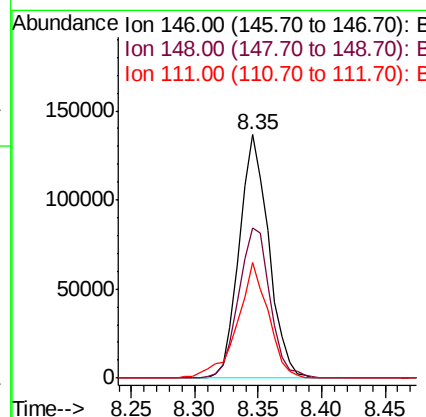
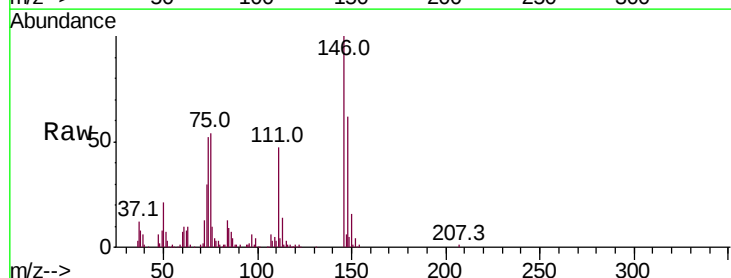
RT: 8.35 min Scan# 860

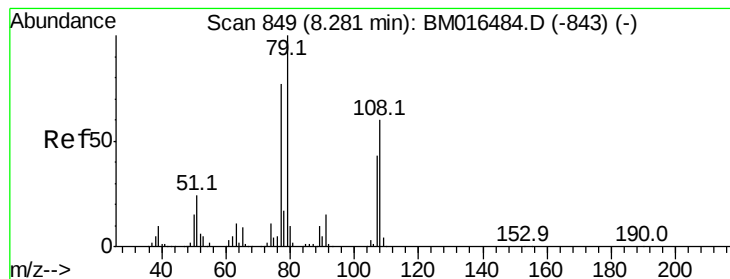
Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 219466 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 61.9  | 52.3  | 78.5   |
| 111       | 47.4  | 30.6  | 45.8#  |





#15

Benzyl Alcohol

Concen: 36.169 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 161328

Ion Ratio Lower Upper

79 100

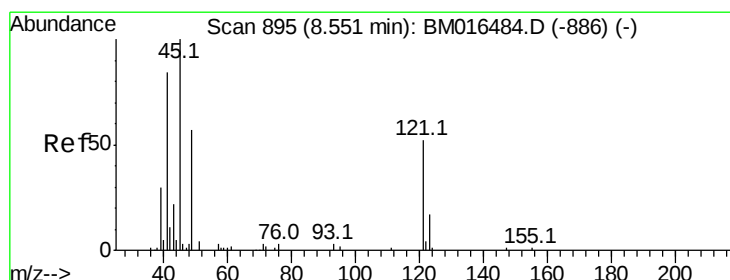
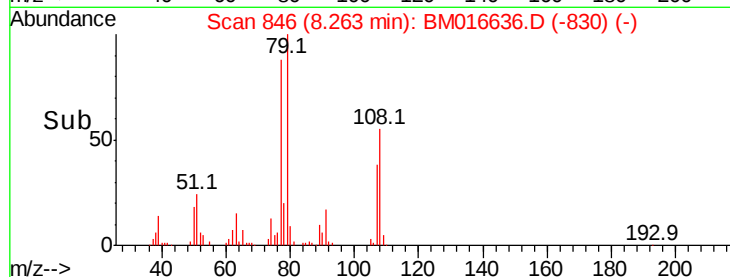
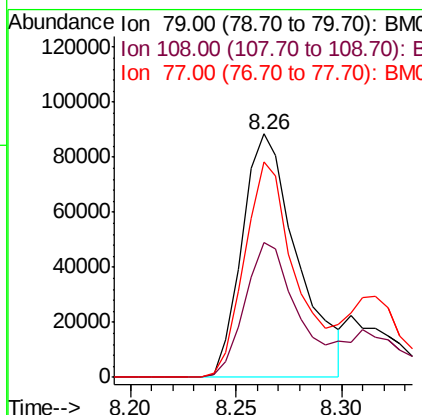
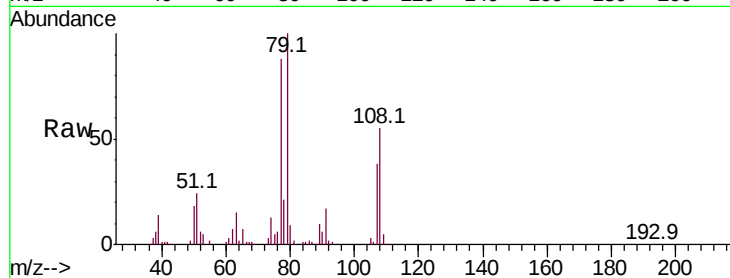
108 55.3 65.0 97.4#

77 88.3 53.0 79.6#

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.909 ng

RT: 8.52 min Scan# 889

Delta R.T. -0.02 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

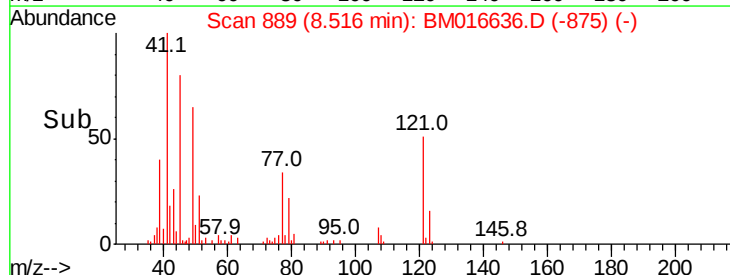
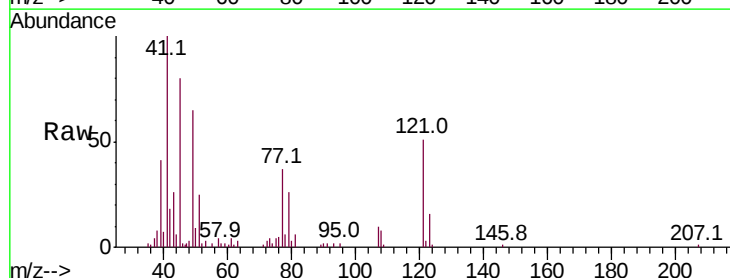
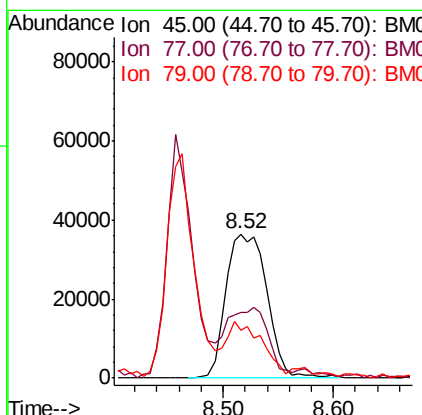
Tgt Ion: 45 Resp: 95432

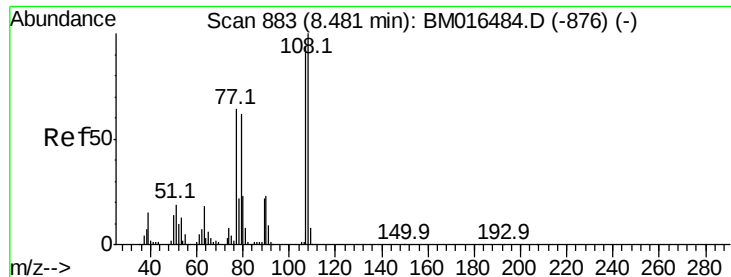
Ion Ratio Lower Upper

45 100

77 46.0 0.0 35.2#

79 32.9 0.0 32.0#





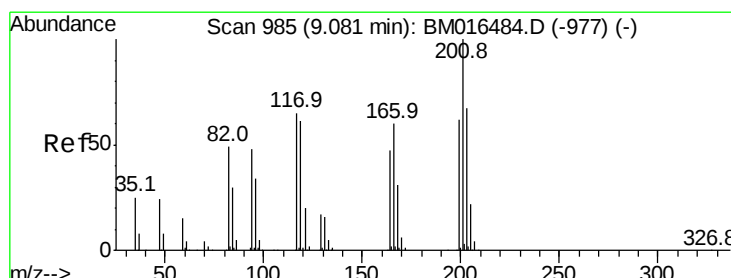
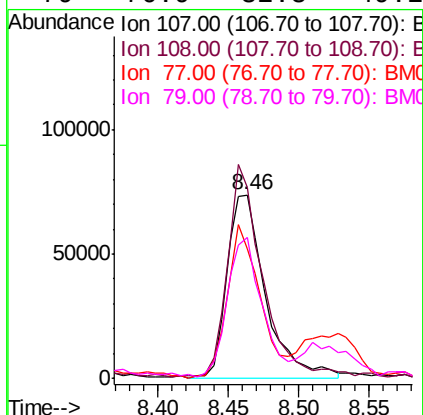
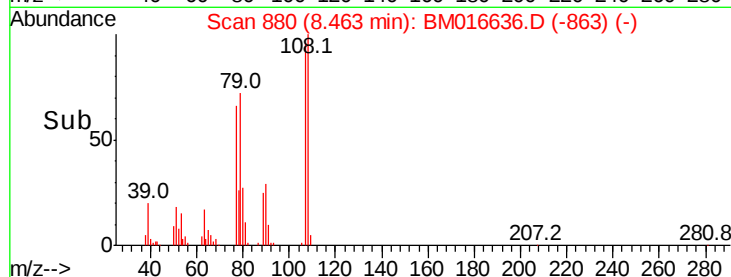
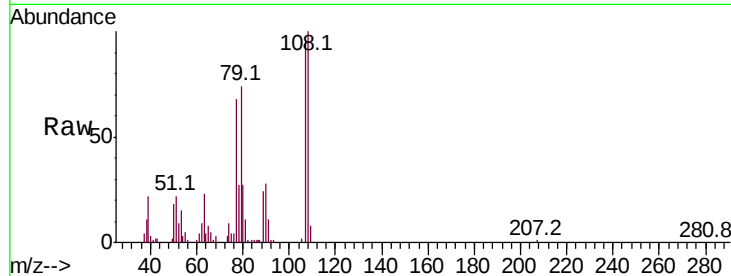
#17  
2-Methylphenol  
Concen: 40.981 ng  
RT: 8.46 min Scan# 880  
Delta R.T. -0.00 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 104.0 | 89.8 | 134.8 |       |
| 77      | 70.7  | 32.6 | 48.8# |       |
| 79      | 76.9  | 32.8 | 49.2# |       |

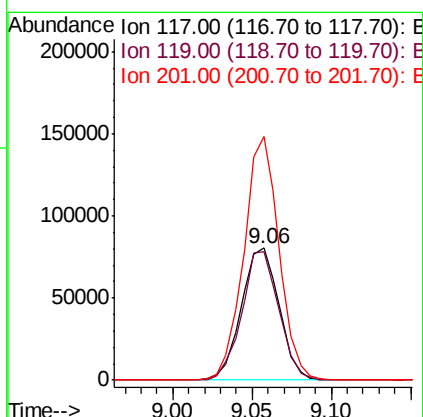
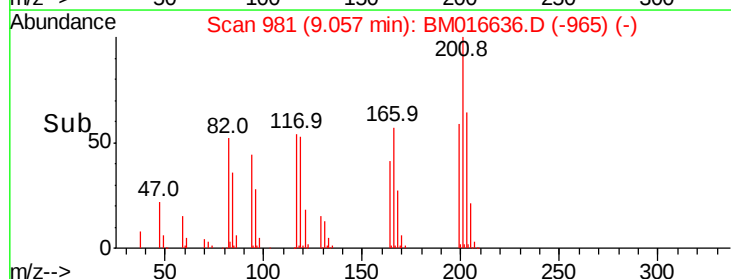
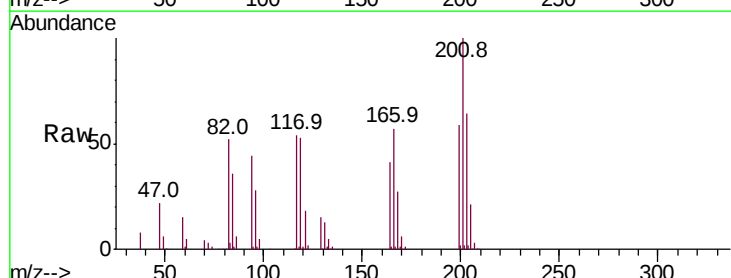
Manual Integrations  
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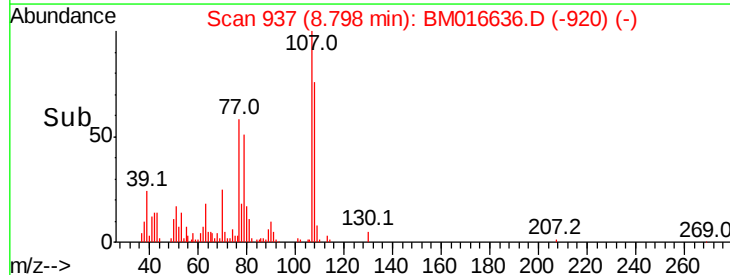
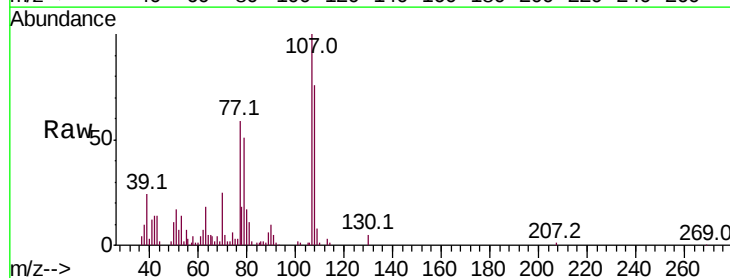
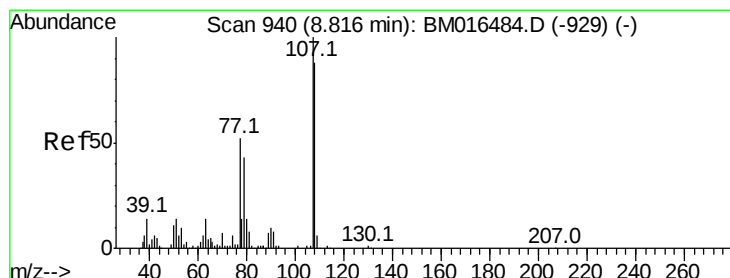
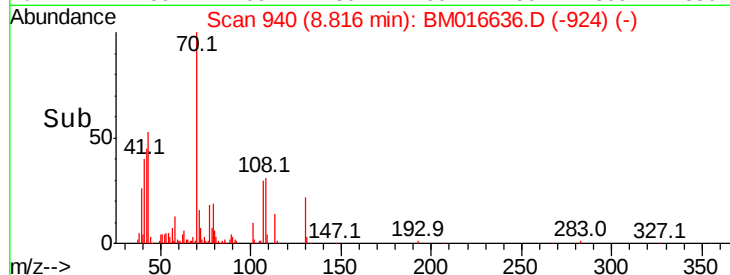
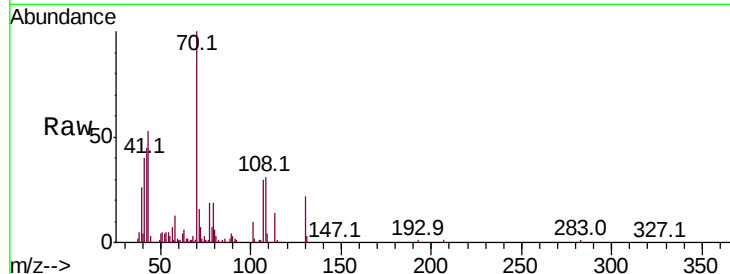
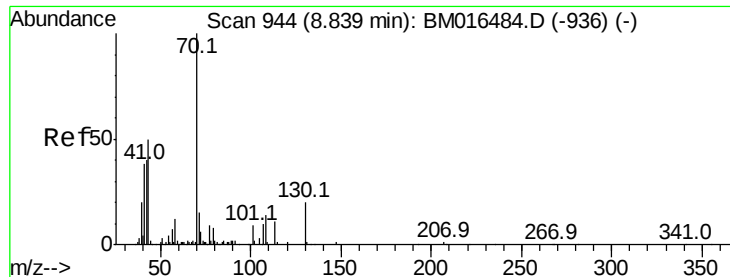
Sohil  
9/4/2018 4:39:10 PM



#18  
Hexachloroethane  
Concen: 48.898 ng  
RT: 9.06 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

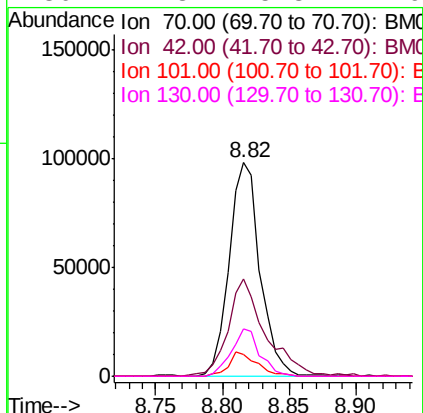
| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 117     | 100   |      |        |       |
| 119     | 97.4  | 79.2 | 118.8  |       |
| 201     | 184.8 | 69.8 | 104.6# |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 42.126 ng  
RT: 8.82 min Scan# 940  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 70      | 100  |       |      |       |       |
| 42      | 45.5 | 44.5  | 66.7 |       |       |
| 101     | 10.4 | 7.4   | 11.2 |       |       |
| 130     | 22.3 | 15.3  | 22.9 |       |       |



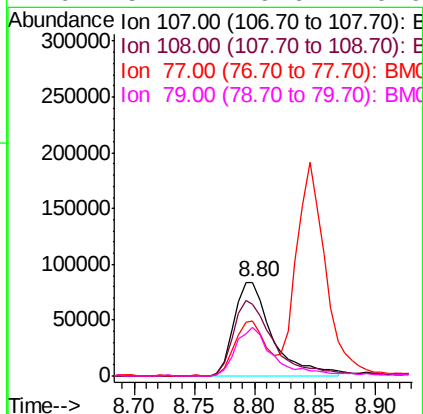
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

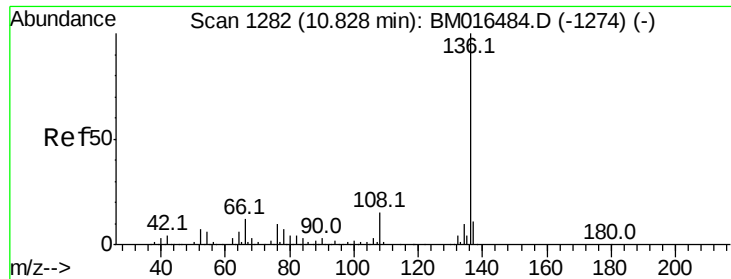
Manual Integrations  
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9/4/2018 4:39:10 PM

#20  
3+4-Methylphenols  
Concen: 39.172 ng  
RT: 8.80 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 107     | 100  |       |       |       |       |
| 108     | 75.9 | 73.2  | 113.2 |       |       |
| 77      | 59.0 | 10.7  | 50.7# |       |       |
| 79      | 51.4 | 9.6   | 49.6# |       |       |





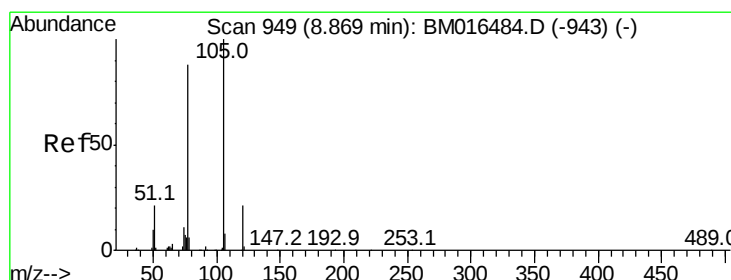
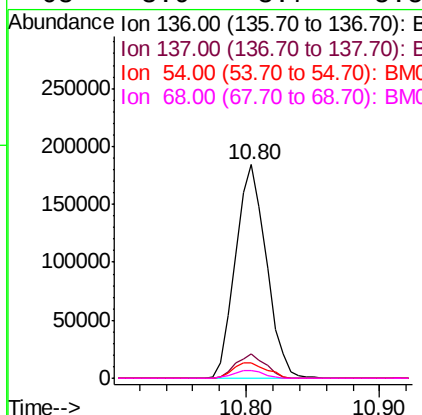
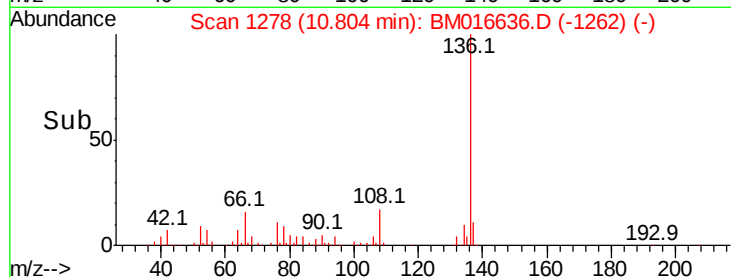
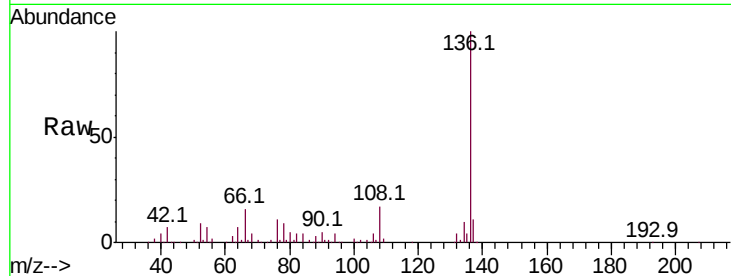
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.80 min Scan# 1278  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 295592 |       |       |
| 137     | 11.2  | 8.7    | 13.1  |       |
| 54      | 7.1   | 4.6    | 6.8   |       |
| 68      | 3.9   | 3.7    | 5.5   |       |

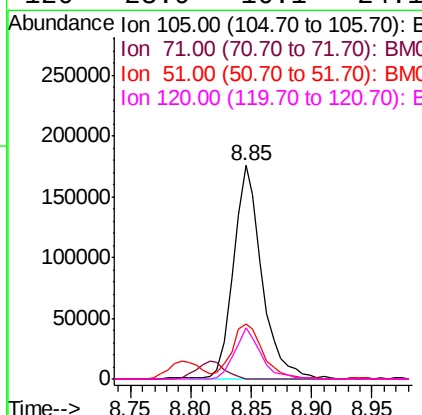
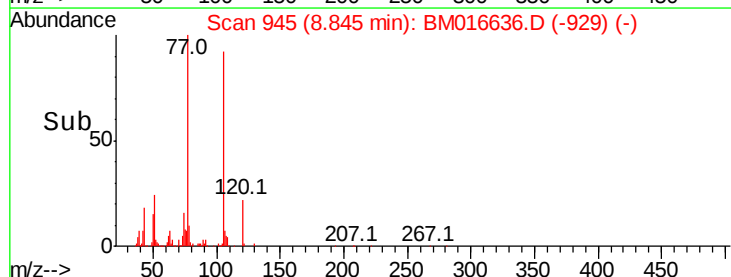
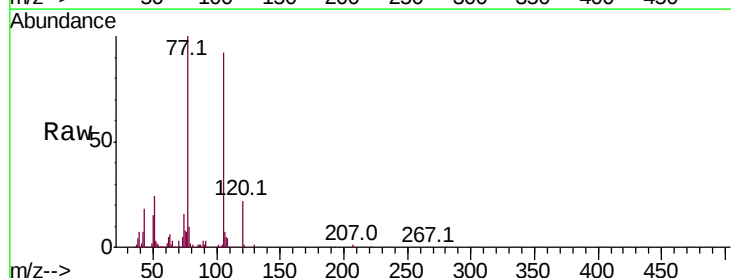
Manual Integrations  
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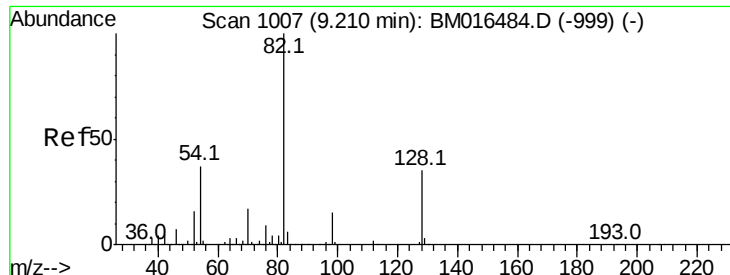
Sohil  
9/4/2018 4:39:10 PM



#22  
Acetophenone  
Concen: 39.716 ng  
RT: 8.85 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 282693 |       |       |
| 71      | 0.3   | 0.6    | 1.0   |       |
| 51      | 26.1  | 21.6   | 32.4  |       |
| 120     | 23.9  | 16.1   | 24.1  |       |





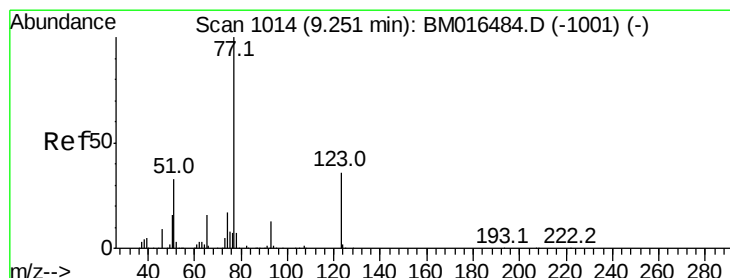
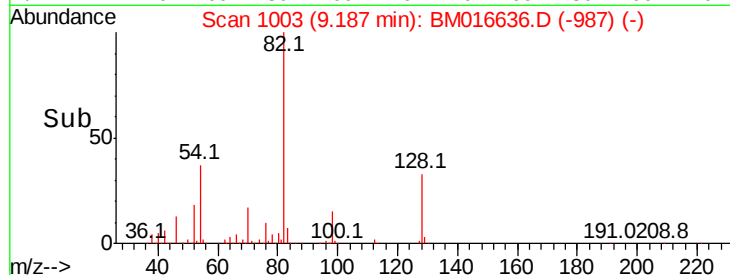
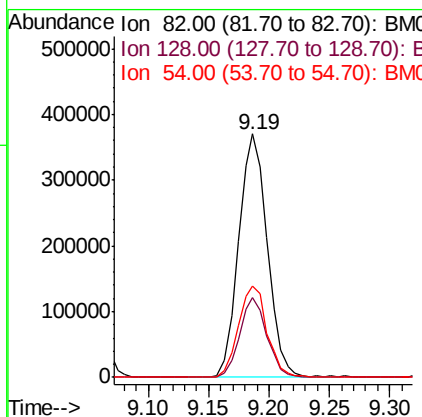
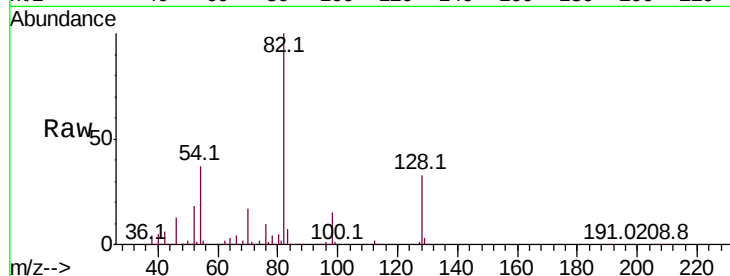
#23  
 Nitrobenzene-d5  
 Concen: 94.482 ng  
 RT: 9.19 min Scan# 1003  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 32.5  | 32.8  | 49.2# |
| 54      | 37.3  | 40.6  | 60.8# |

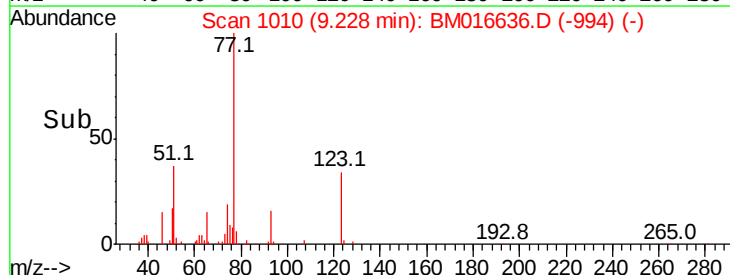
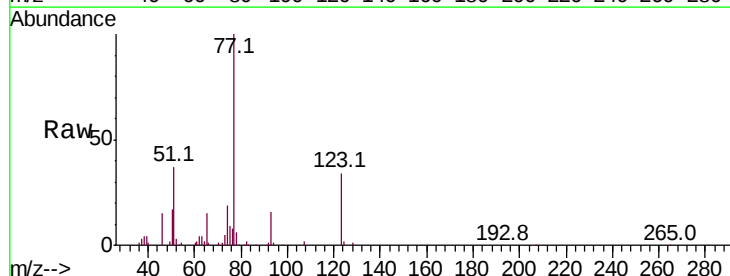
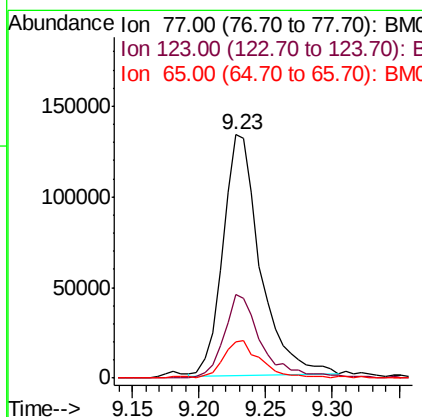
Manual Integrations  
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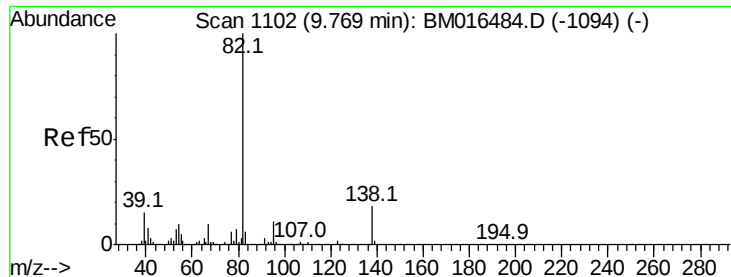
Sohil  
 9/4/2018 4:39:10 PM



#24  
 Nitrobenzene  
 Concen: 40.591 ng  
 RT: 9.23 min Scan# 1010  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 34.2  | 32.6  | 49.0  |
| 65      | 14.9  | 10.9  | 16.3  |





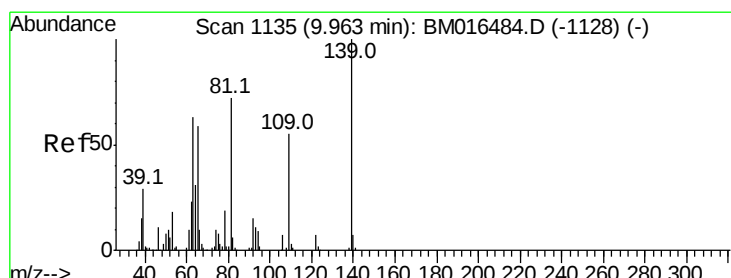
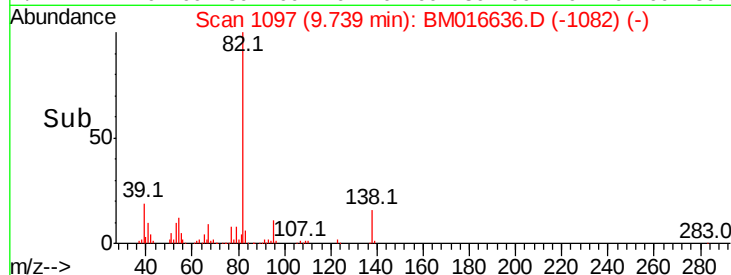
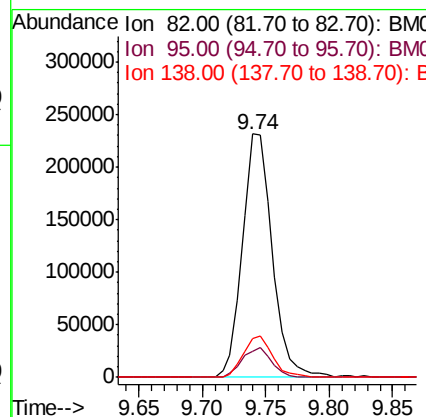
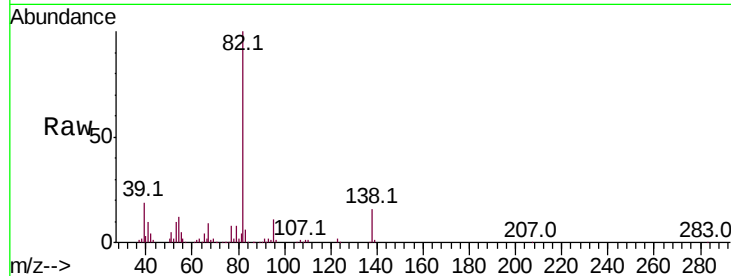
#25  
Isophorone  
Concen: 43.586 ng  
RT: 9.74 min Scan# 1097  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 10.8  | 5.8  | 8.6#  |       |
| 138     | 16.1  | 16.3 | 24.5# |       |

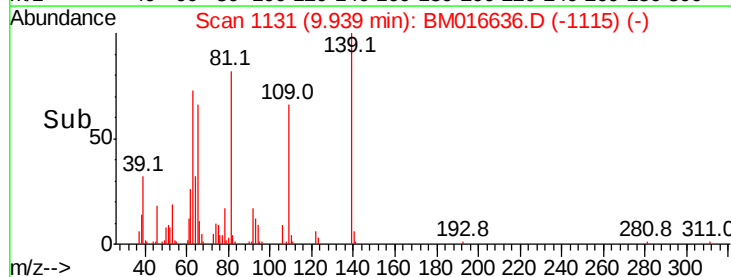
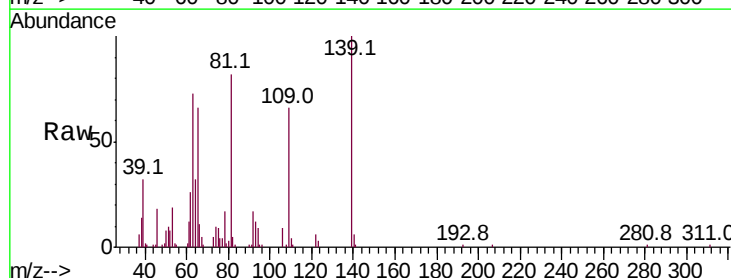
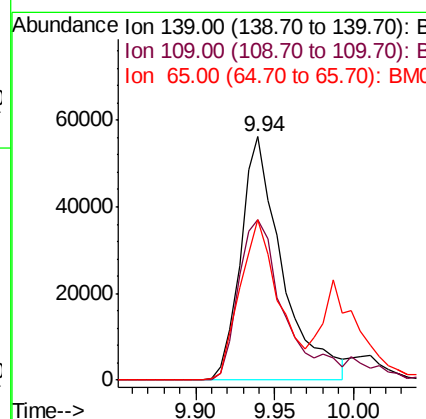
Manual Integrations  
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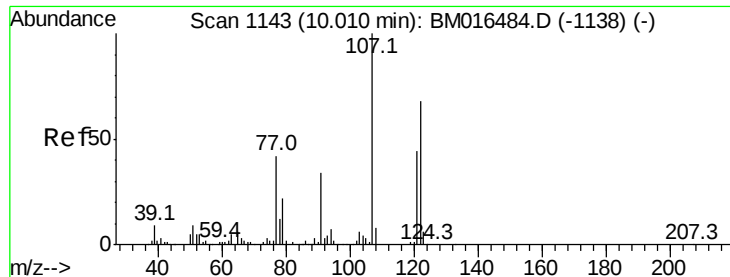
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#26  
2-Nitrophenol  
Concen: 37.012 ng  
RT: 9.94 min Scan# 1131  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 65.9  | 20.1 | 30.1# |       |
| 65      | 66.1  | 31.5 | 47.3# |       |





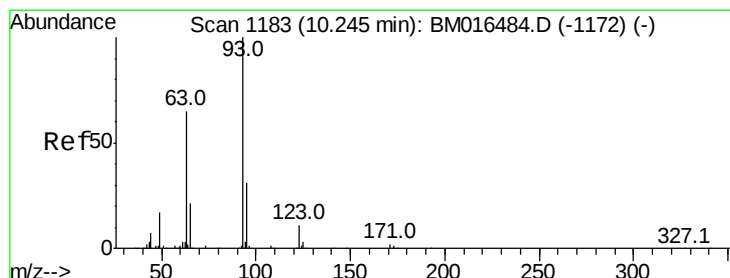
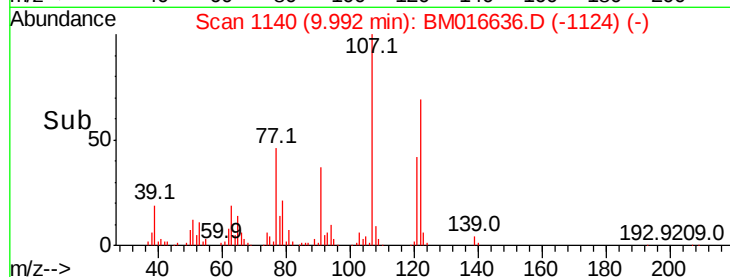
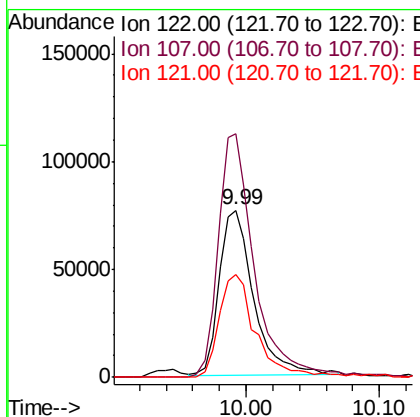
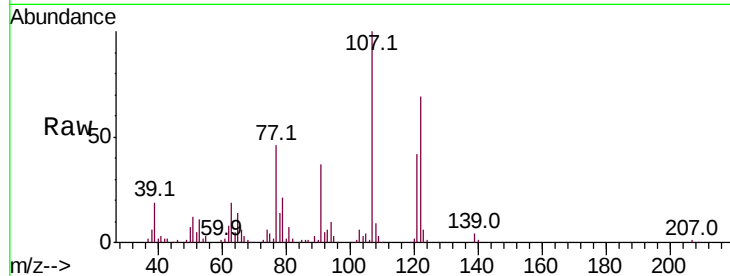
#27  
2,4-Dimethylphenol  
Concen: 38.805 ng  
RT: 9.99 min Scan# 1140  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 122     | 100   | 139841 |        |       |
| 107     | 145.8 | 84.7   | 127.1# |       |
| 121     | 61.7  | 46.6   | 69.8   |       |

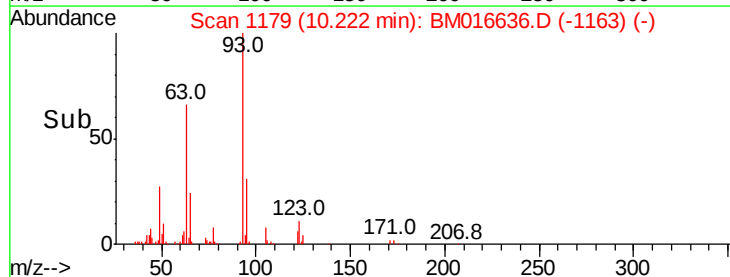
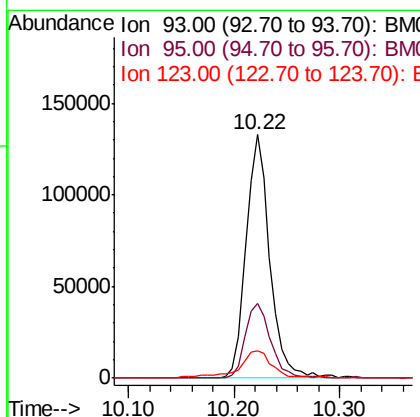
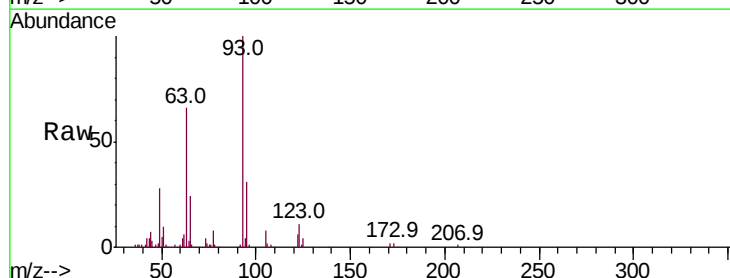
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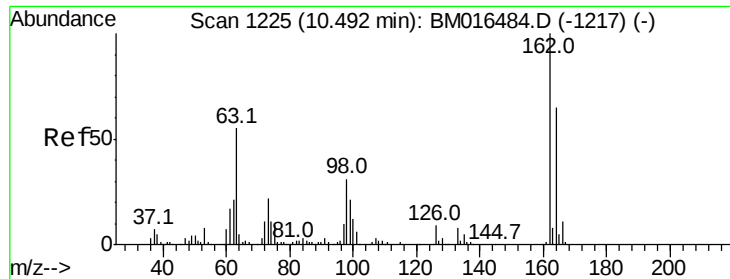
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#28  
bis(2-Chloroethoxy)methane  
Concen: 40.286 ng  
RT: 10.22 min Scan# 1179  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 208074 |       |       |
| 95      | 30.6  | 25.5   | 38.3  |       |
| 123     | 11.0  | 8.6    | 13.0  |       |





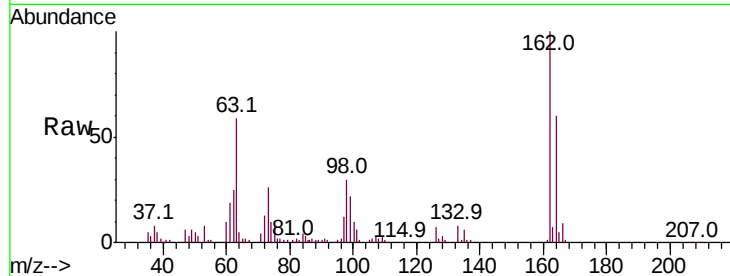
#29  
2,4-Dichlorophenol  
Concen: 43.444 ng  
RT: 10.47 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 234313 |       |       |
| 164     | 59.6  | 42.8   | 82.8  |       |
| 98      | 29.8  | 14.5   | 54.5  |       |

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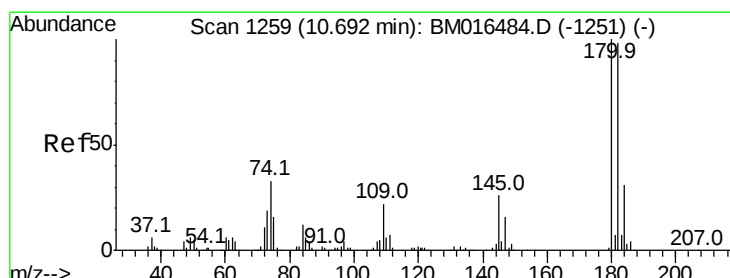
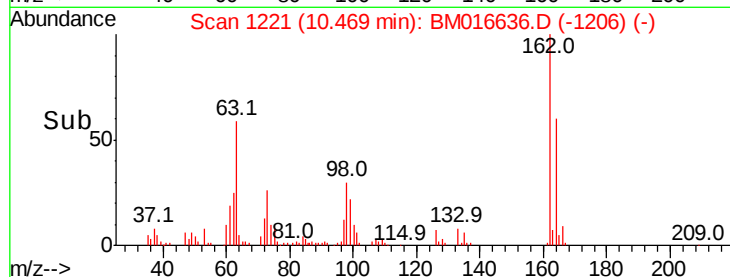
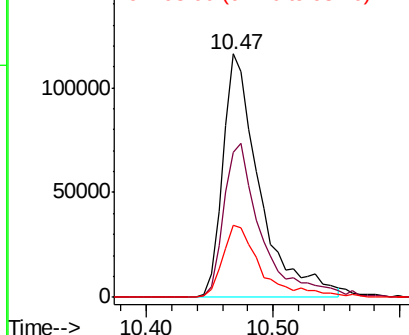


Abundance

Ion 162.00 (161.70 to 162.70): E

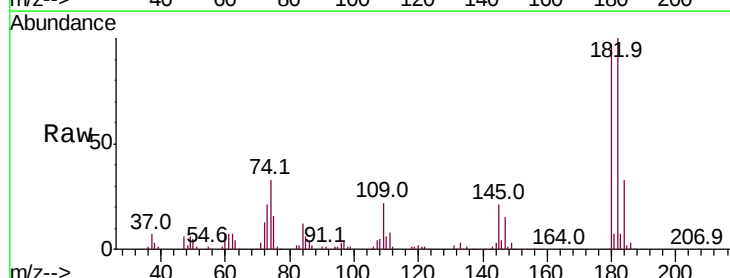
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30  
1,2,4-Trichlorobenzene  
Concen: 46.249 ng  
RT: 10.67 min Scan# 1255  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 378498 |       |       |
| 182     | 103.2 | 77.6   | 116.4 |       |
| 145     | 21.6  | 23.4   | 35.2  |       |

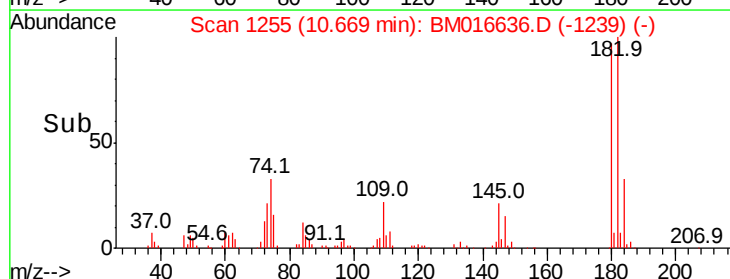
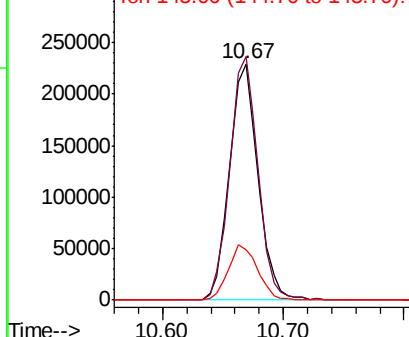


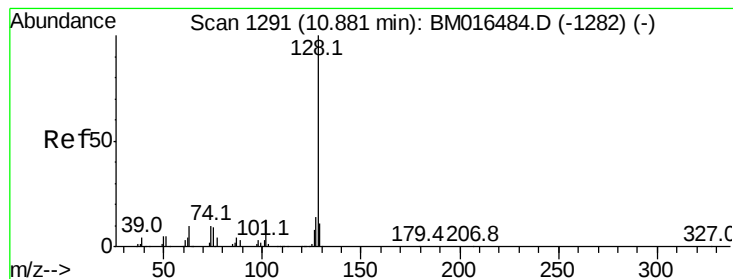
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.823 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

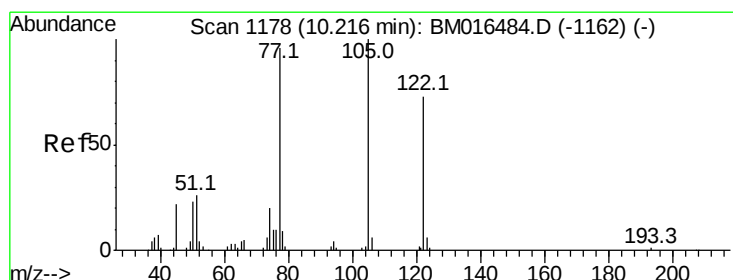
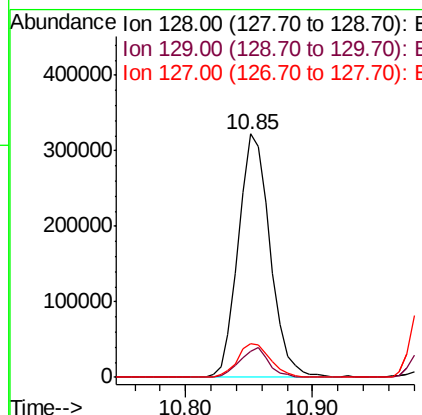
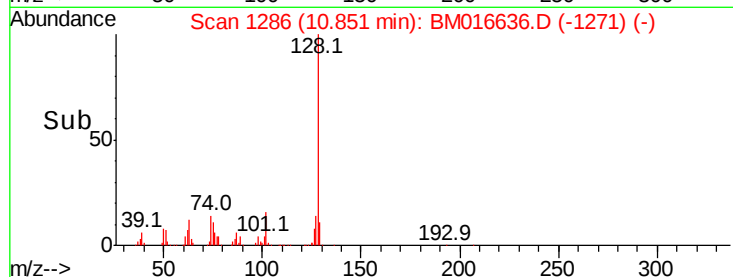
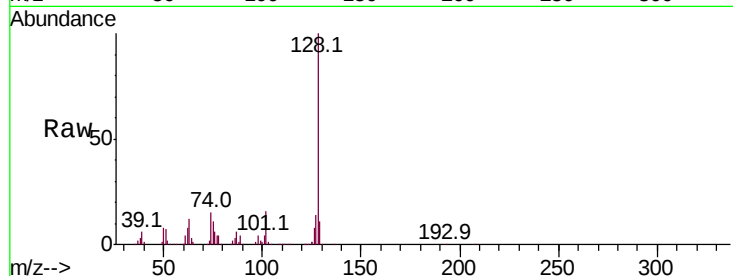
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 560837 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 10.7  | 8.9   | 13.3   |
| 127       | 14.1  | 10.4  | 15.6   |

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#32

Benzoic acid

Concen: 35.826 ng m

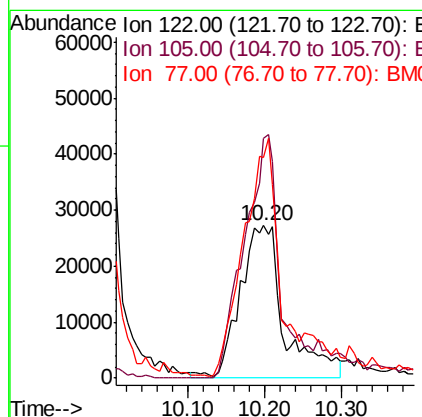
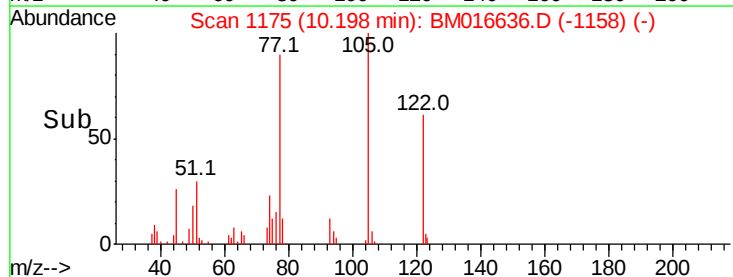
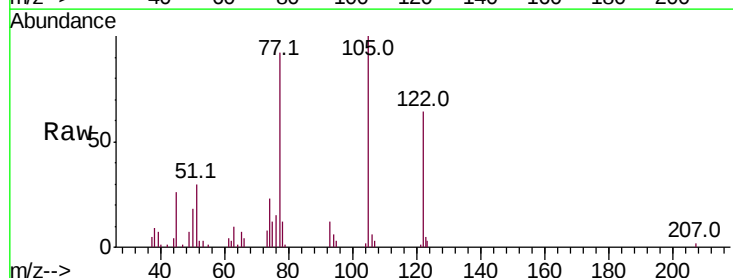
RT: 10.20 min Scan# 1175

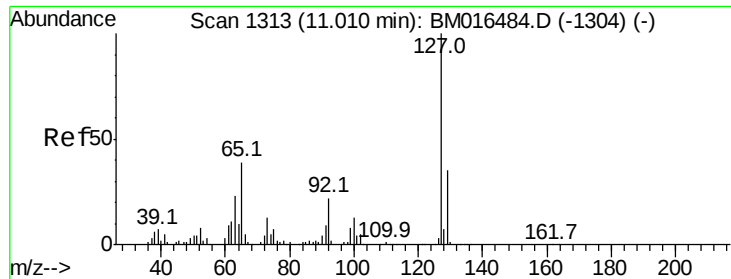
Delta R.T. -0.00 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 108024 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 157.1 | 99.9  | 139.9# |
| 77        | 144.7 | 73.7  | 113.7# |





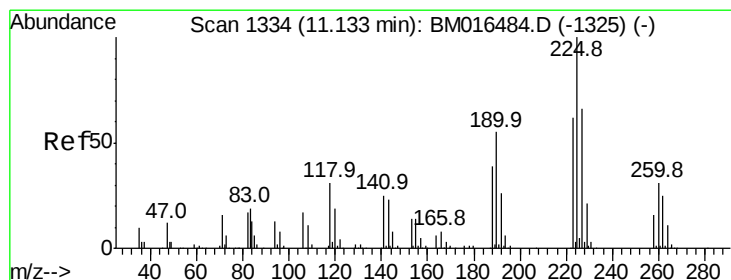
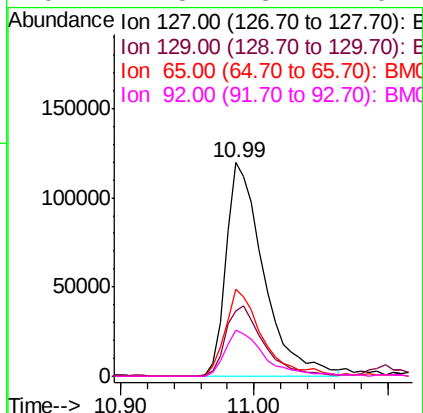
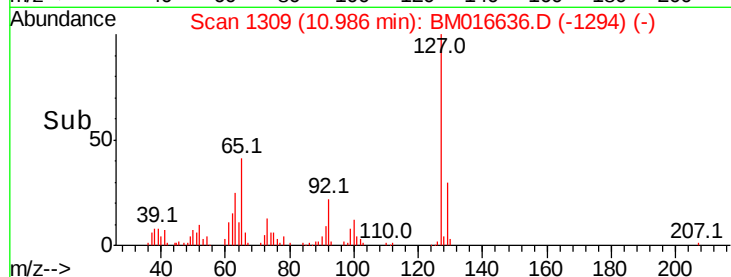
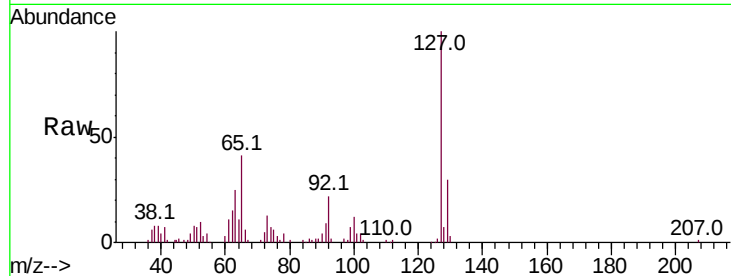
#33  
4-Chloroaniline  
Concen: 39.746 ng  
RT: 10.99 min Scan# 1309  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 30.5  | 25.3 | 37.9  |       |
| 65      | 41.0  | 17.6 | 26.4  |       |
| 92      | 21.8  | 13.1 | 19.7  |       |

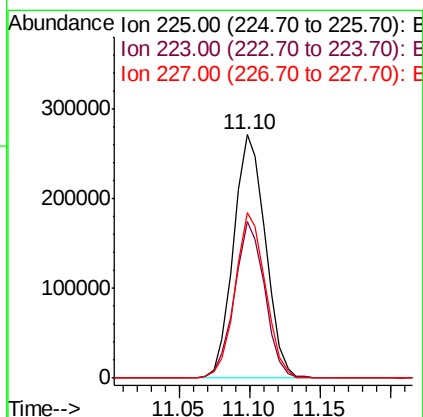
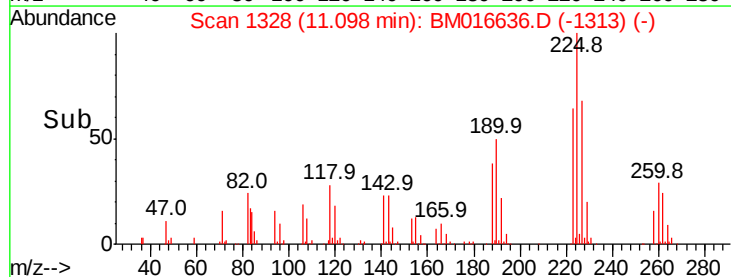
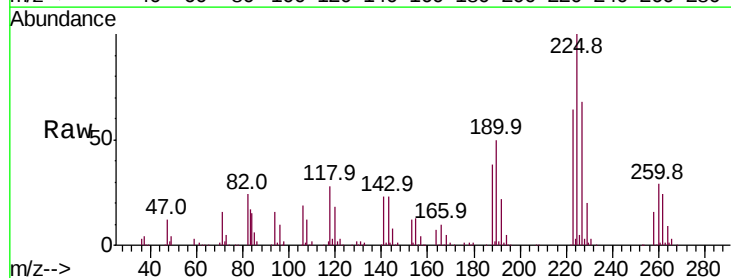
Manual Integrations  
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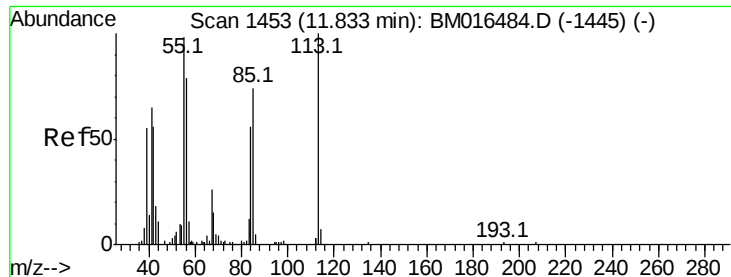
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#34  
Hexachlorobutadiene  
Concen: 54.848 ng  
RT: 11.10 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 64.4  | 47.9 | 71.9  |       |
| 227     | 68.0  | 50.1 | 75.1  |       |





#35

Caprolactam

Concen: 41.247 ng

RT: 11.82 min Scan# 1451

Delta R.T. 0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

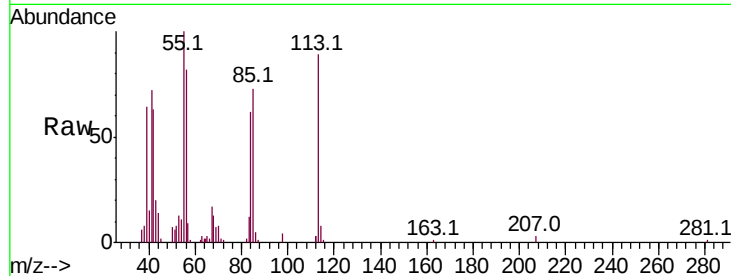
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 53381  |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 112.1 | 145.9 | 185.9# |
| 56        | 92.1  | 101.0 | 141.0# |

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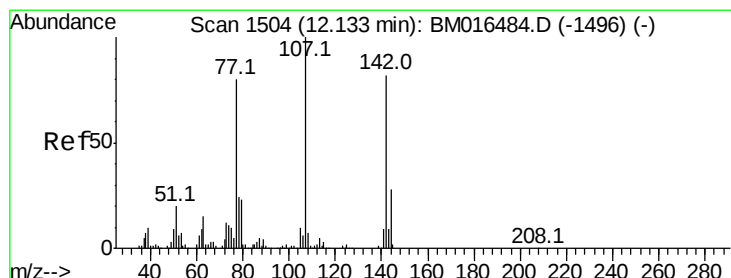
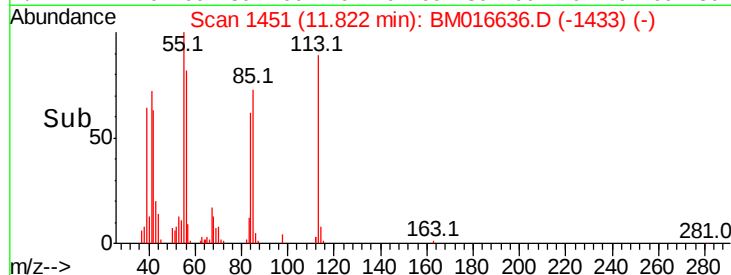
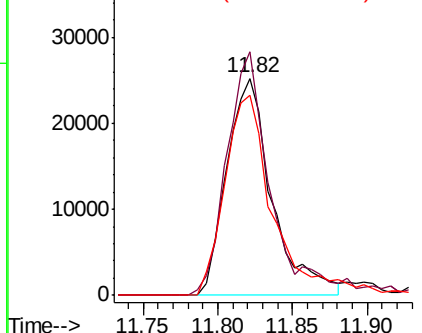
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 41.758 ng

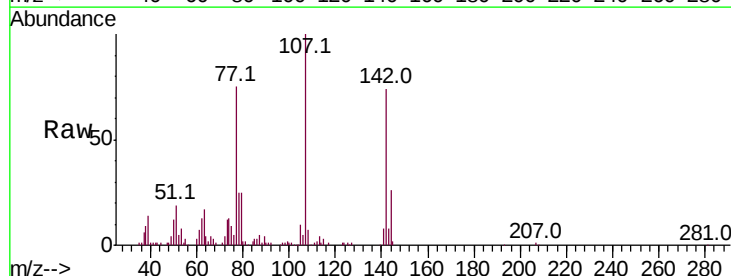
RT: 12.12 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

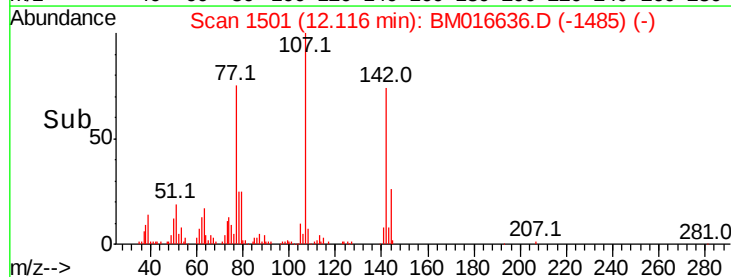
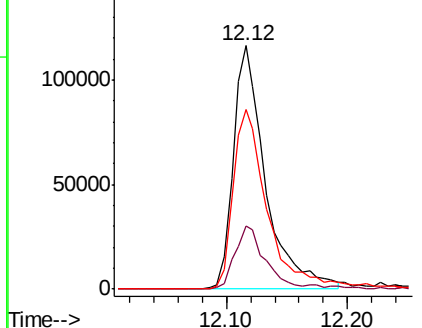
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 216519 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.8  | 23.3  | 34.9   |
| 142       | 73.8  | 72.6  | 109.0  |

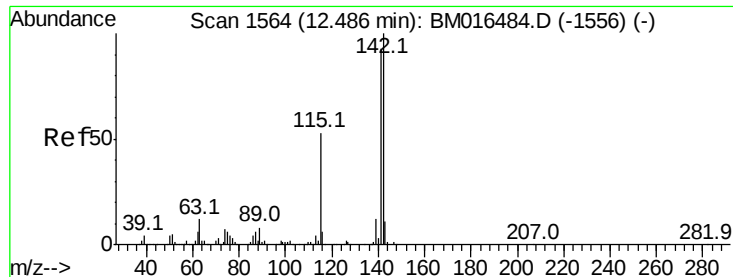


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.009 ng

RT: 12.46 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

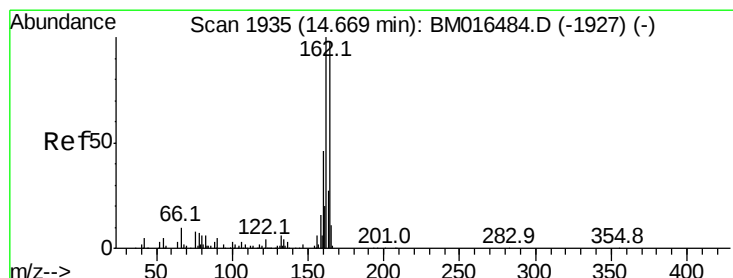
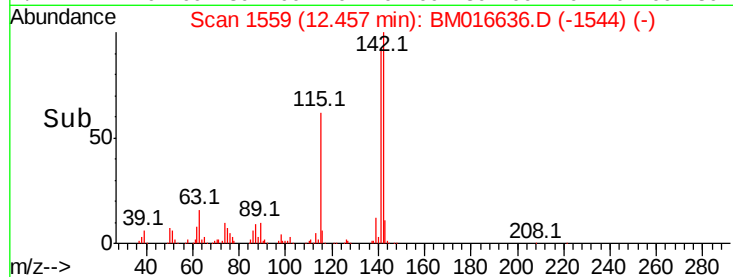
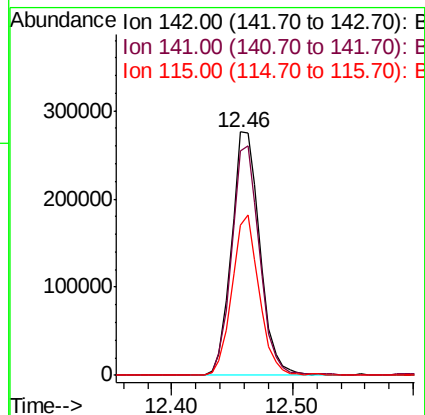
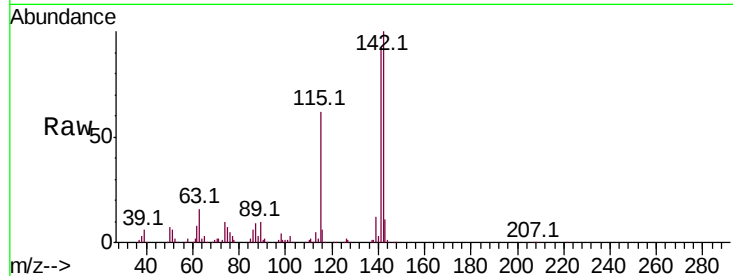
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 452133 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 92.2  | 71.9  | 107.9  |
| 115       | 61.9  | 25.4  | 38.0#  |

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#38

Acenaphthene-d10

Concen: 20.000 ng

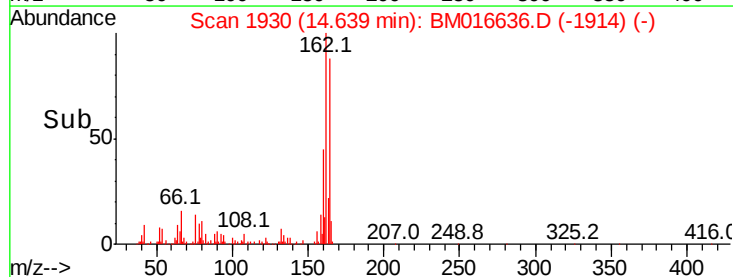
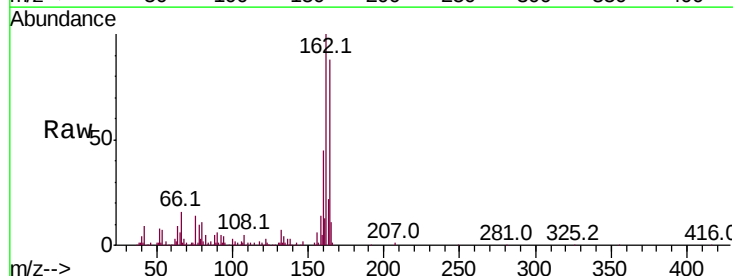
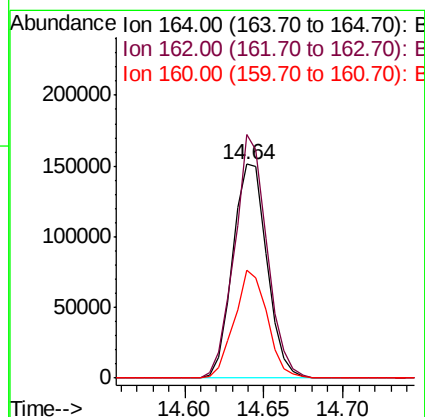
RT: 14.64 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 226407 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 113.7 | 82.4  | 123.6  |
| 160       | 50.7  | 35.8  | 53.6   |





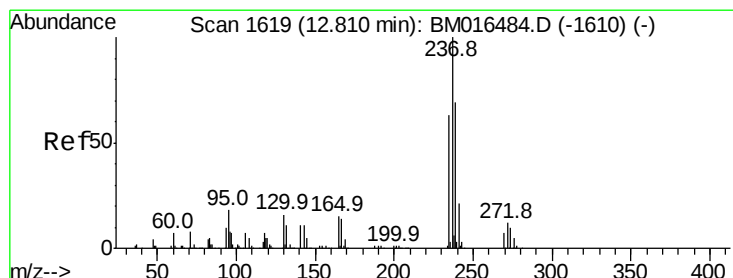
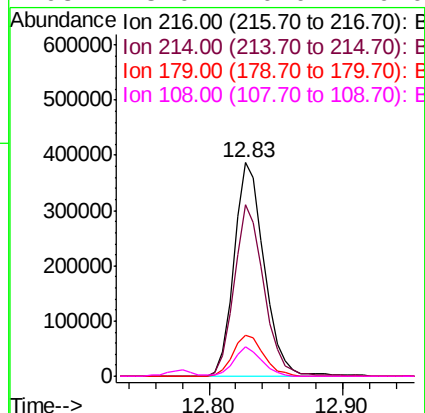
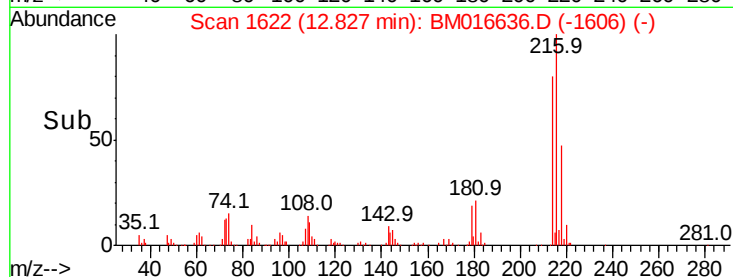
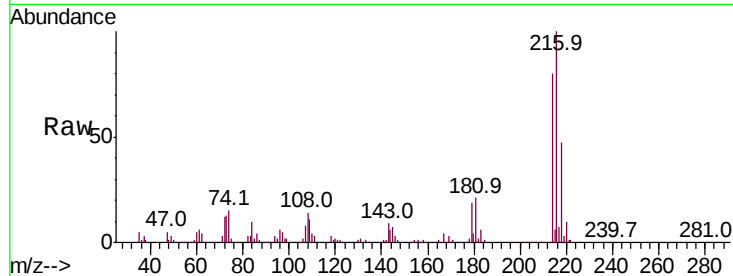
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 47.525 ng  
 RT: 12.83 min Scan# 1622  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.2  | 0.0        | 0.0#  |
| 179     | 19.7  | 0.0        | 0.0#  |
| 108     | 13.0  | 0.0        | 0.0#  |

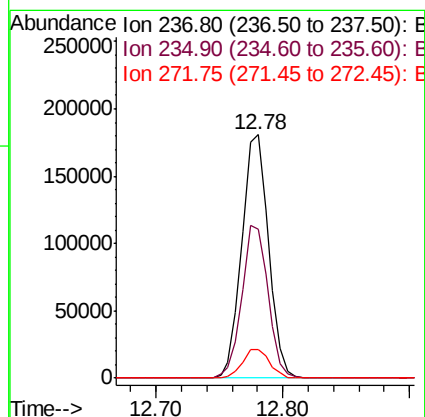
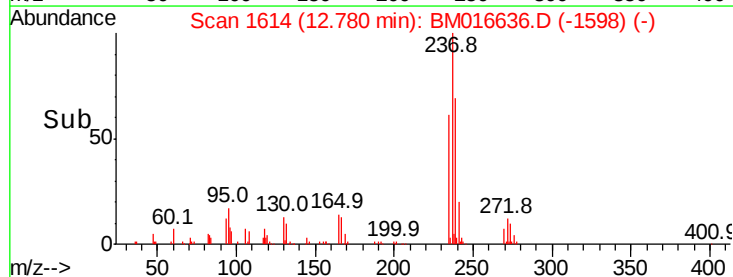
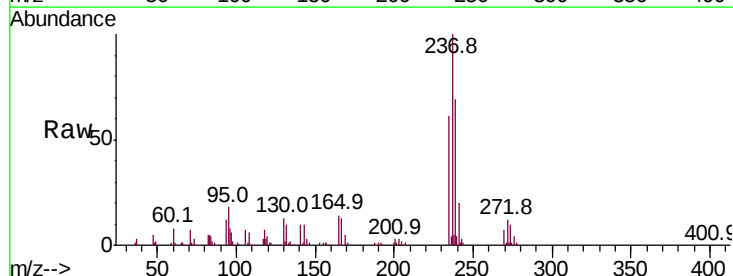
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#40  
 Hexachlorocyclopentadiene  
 Concen: 53.031 ng  
 RT: 12.78 min Scan# 1614  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 60.9  | 42.0       | 82.0  |
| 272     | 11.7  | 0.0        | 33.4  |





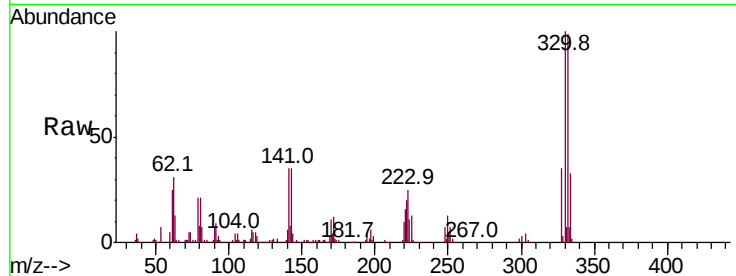
#41  
 2,4,6-Tribromophenol  
 Concen: 85.224 ng  
 RT: 16.14 min Scan# 2185  
 Delta R.T. -0.00 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

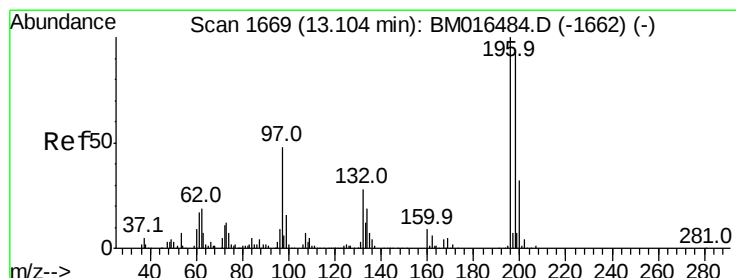
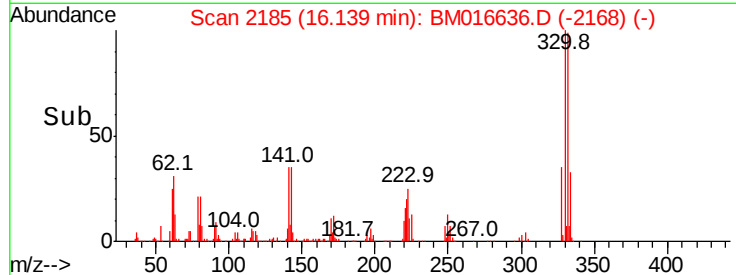
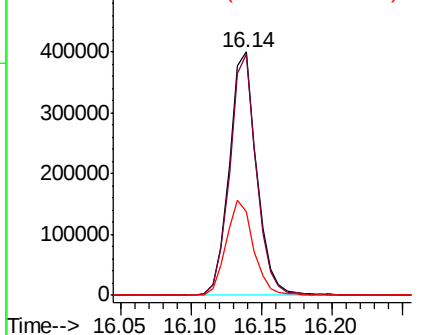
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 96.6  | 0.0        | 0.0#  |
| 141     | 39.4  | 0.0        | 0.0#  |

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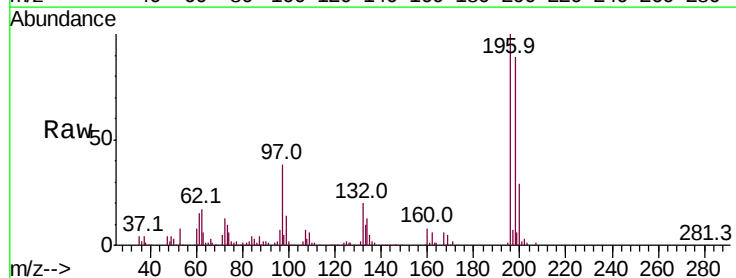


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

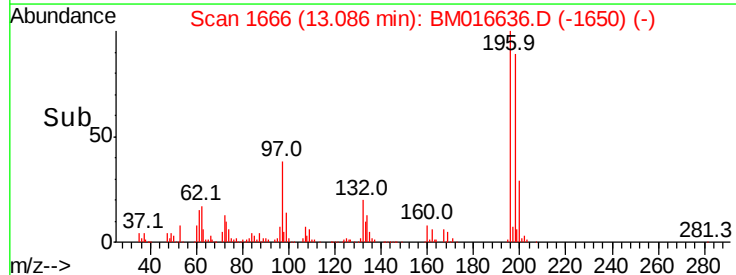
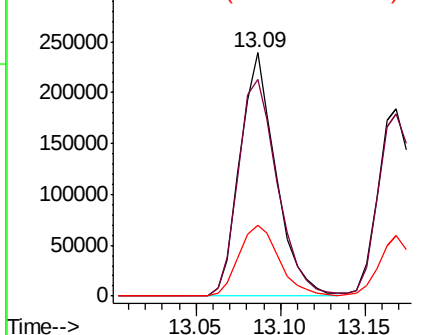


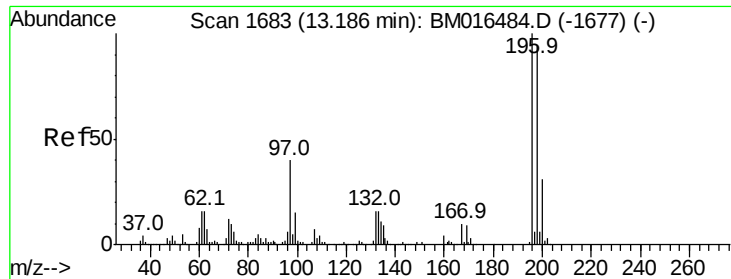
#42  
 2,4,6-Trichlorophenol  
 Concen: 46.305 ng  
 RT: 13.09 min Scan# 1666  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 89.1  | 76.3       | 114.5 |
| 200     | 29.1  | 25.6       | 38.4  |



Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E





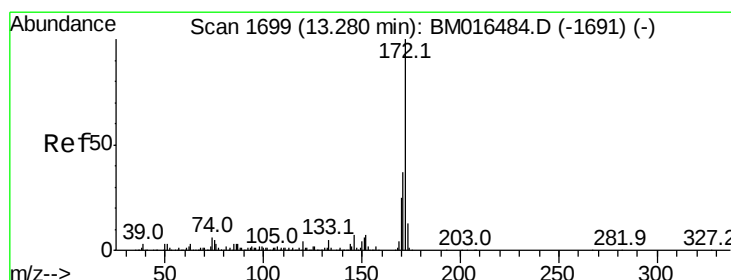
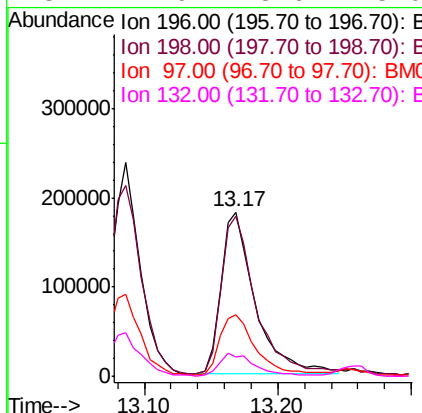
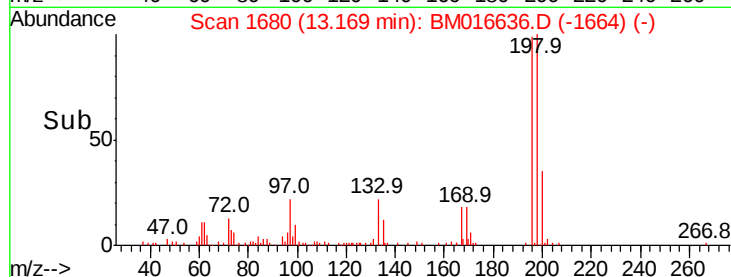
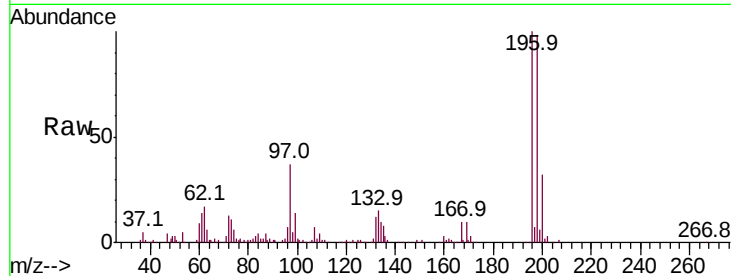
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.824 ng  
 RT: 13.17 min Scan# 1680  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 327325 |       |       |
| 198     | 97.6  | 79.4   | 119.0 |       |
| 97      | 37.3  | 26.8   | 40.2  |       |
| 132     | 11.9  | 18.6   | 28.0  |       |

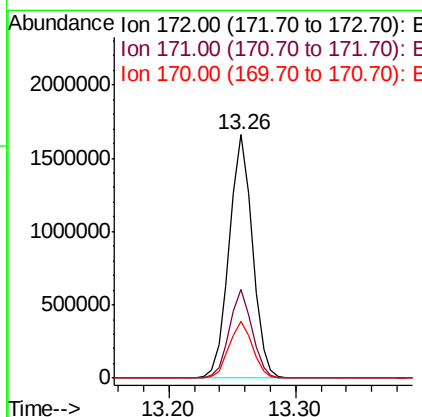
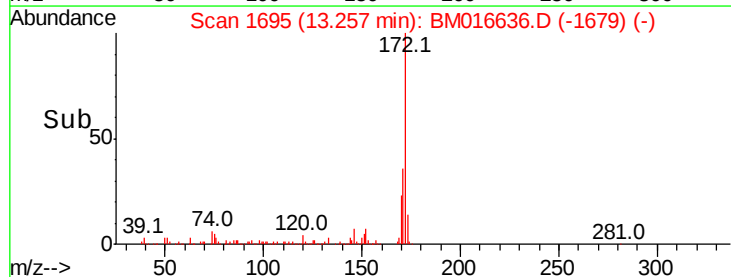
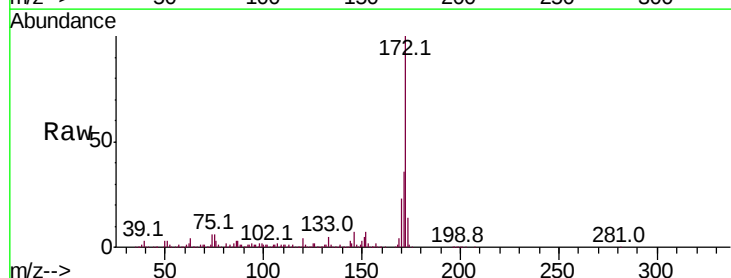
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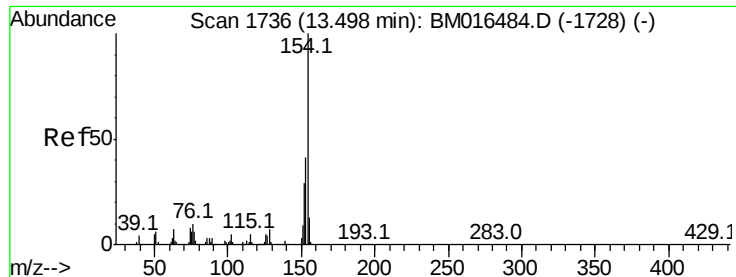
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#44  
 2-Fluorobiphenyl  
 Concen: 89.240 ng  
 RT: 13.26 min Scan# 1695  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 2101964 |       |       |
| 171     | 36.3  | 28.5    | 42.7  |       |
| 170     | 23.4  | 18.8    | 28.2  |       |





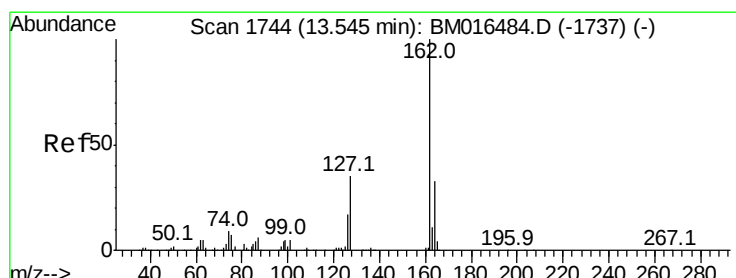
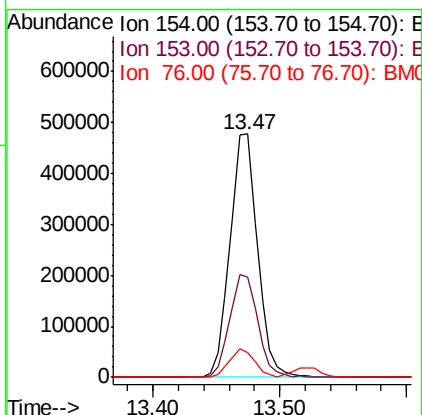
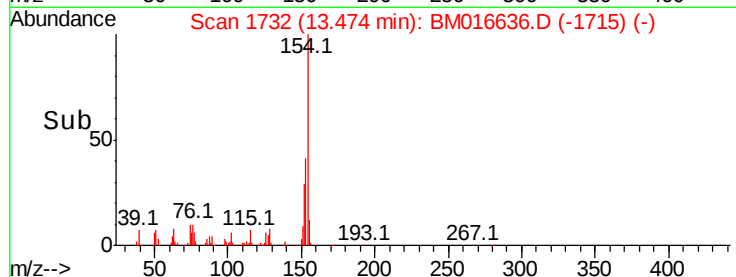
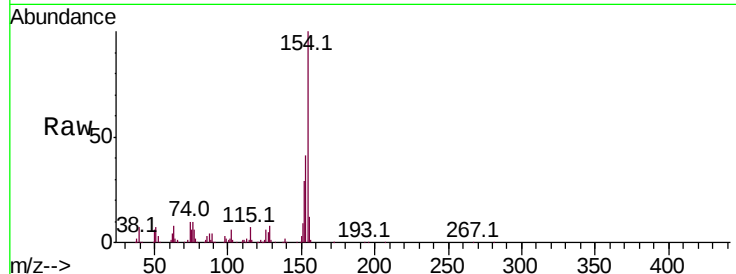
#45  
 1,1'-Biphenyl  
 Concen: 36.060 ng  
 RT: 13.47 min Scan# 1732  
 Delta R.T. -0.00 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 20.7  | 60.7  |
| 76      | 10.0  | 0.0   | 30.9  |

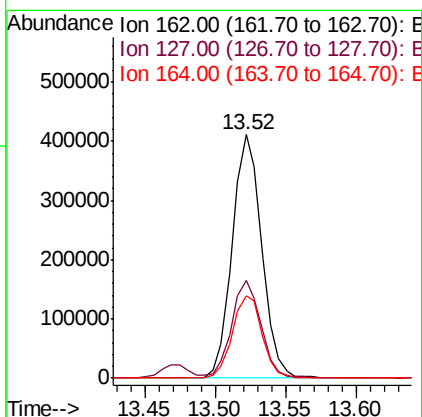
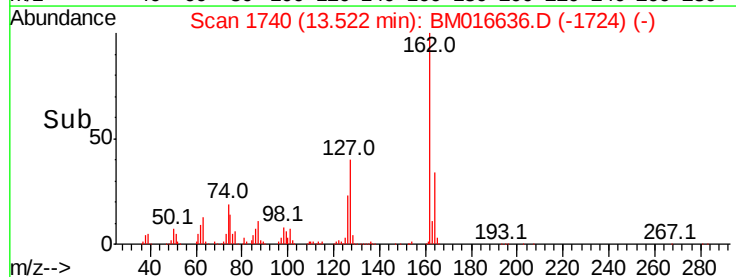
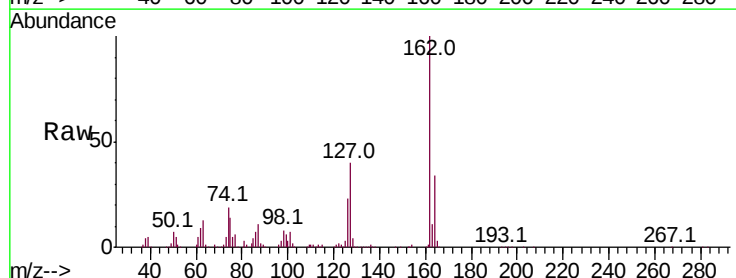
Manual Integrations  
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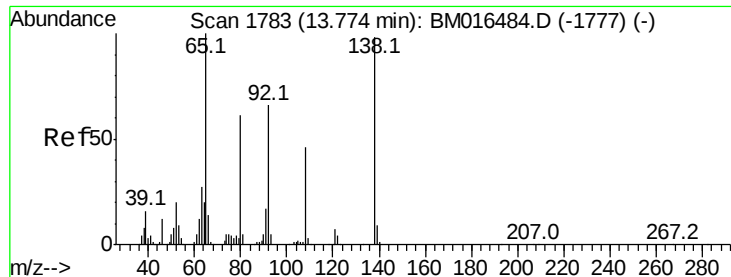
Sohil  
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#46  
 2-Chloronaphthalene  
 Concen: 37.109 ng  
 RT: 13.52 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.2  | 26.9  | 40.3  |
| 164     | 34.0  | 26.8  | 40.2  |





#47

2-Nitroaniline

Concen: 39.758 ng

RT: 13.76 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

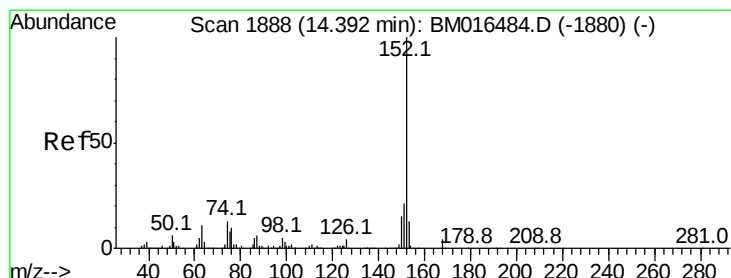
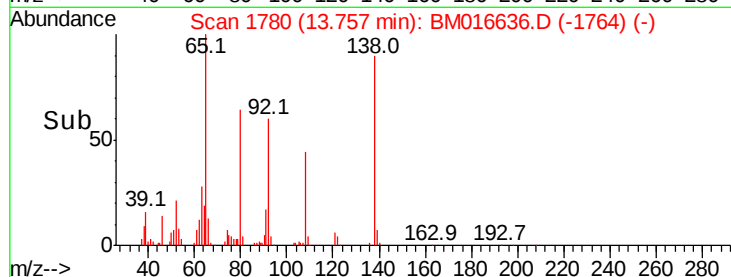
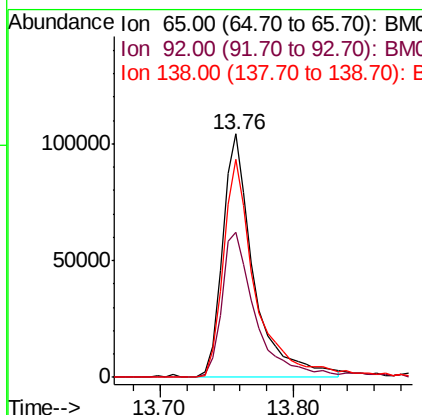
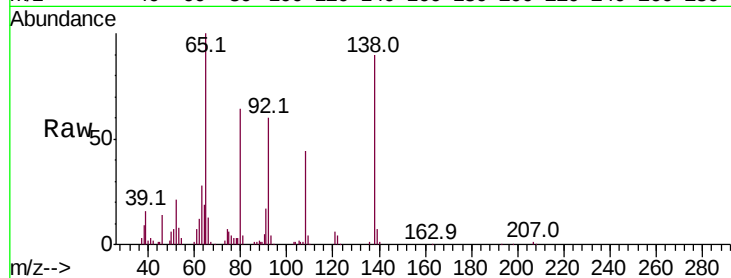
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 170800 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 59.5  | 59.1  | 88.7   |
| 138       | 89.6  | 93.9  | 140.9# |

Manual Integrations  
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#48

Acenaphthylene

Concen: 37.240 ng

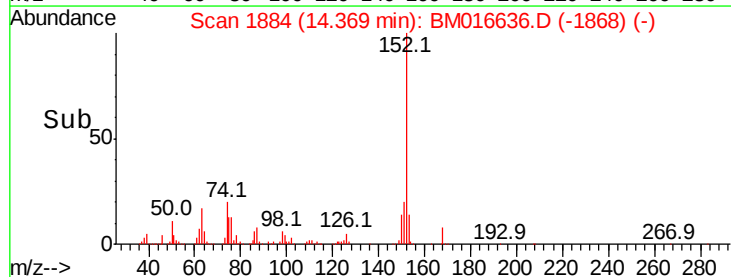
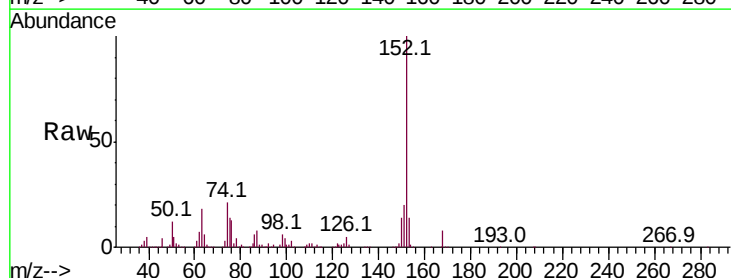
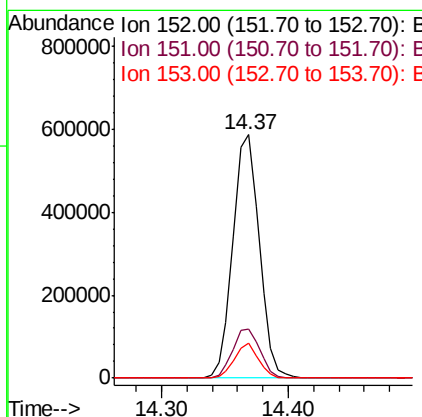
RT: 14.37 min Scan# 1884

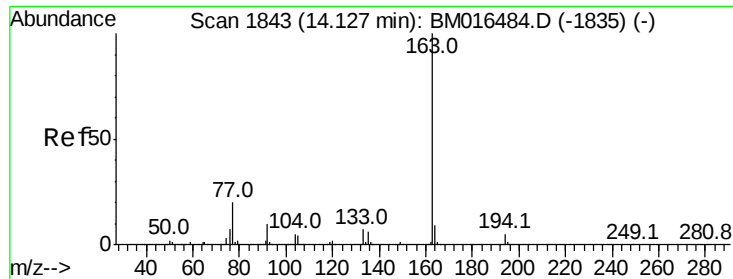
Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 847840 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.9  | 15.9  | 23.9   |
| 153       | 14.2  | 10.6  | 16.0   |





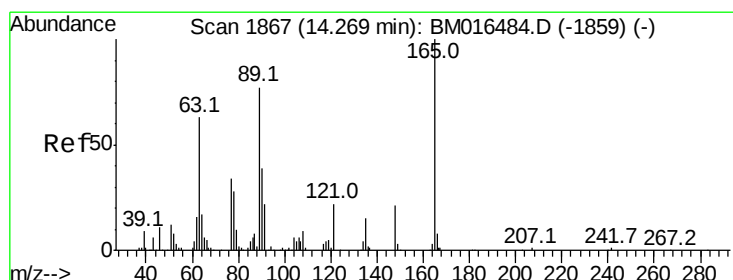
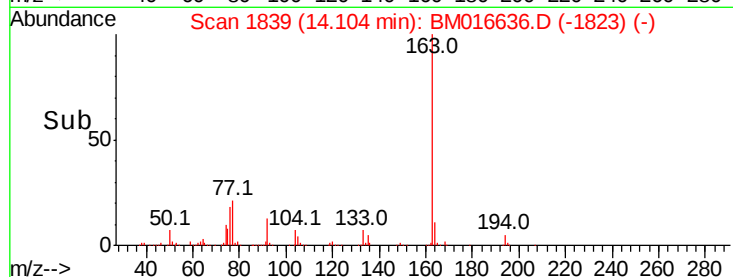
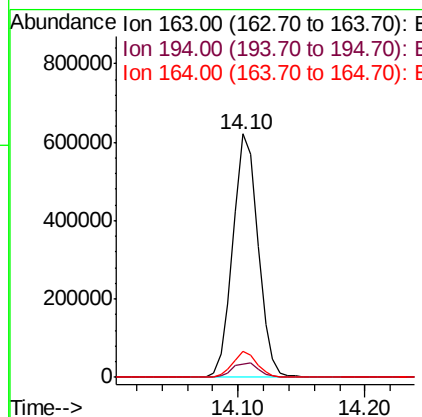
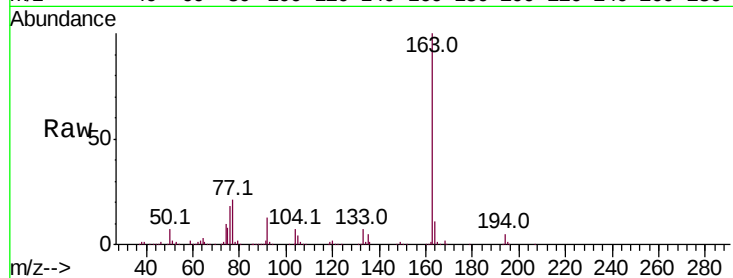
#49  
Dimethylphthalate  
Concen: 39.118 ng  
RT: 14.10 min Scan# 1839  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 850879 |       |       |
| 194     | 5.2   | 2.7    | 4.1#  |       |
| 164     | 10.8  | 8.2    | 12.2  |       |

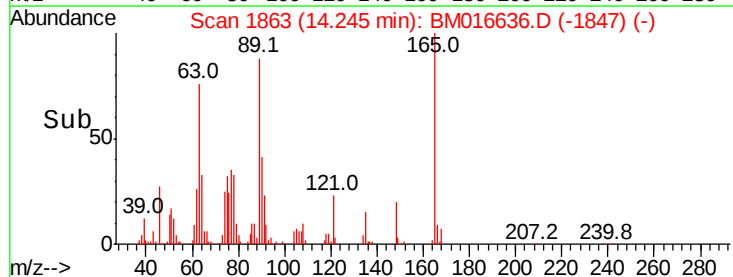
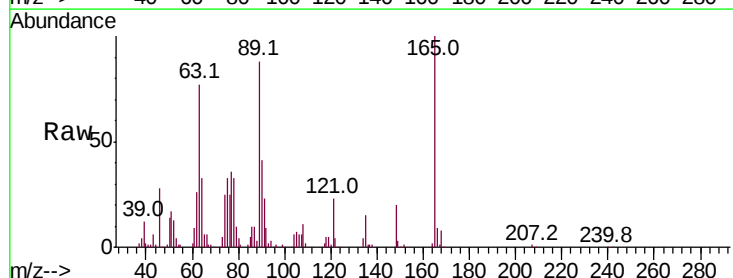
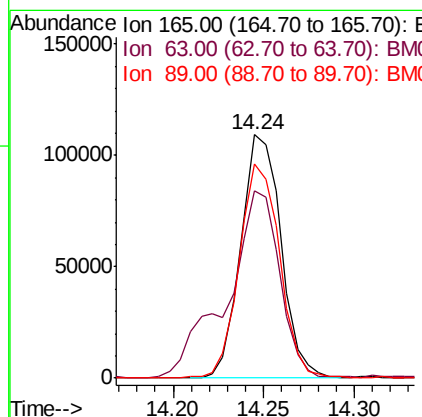
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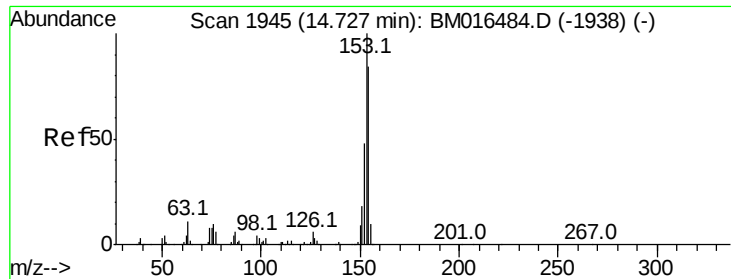
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#50  
2,6-Dinitrotoluene  
Concen: 39.687 ng  
RT: 14.24 min Scan# 1863  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 168377 |       |       |
| 63      | 77.2  | 44.1   | 66.1# |       |
| 89      | 87.9  | 44.3   | 66.5# |       |





#51

Acenaphthene

Concen: 36.720 ng

RT: 14.70 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

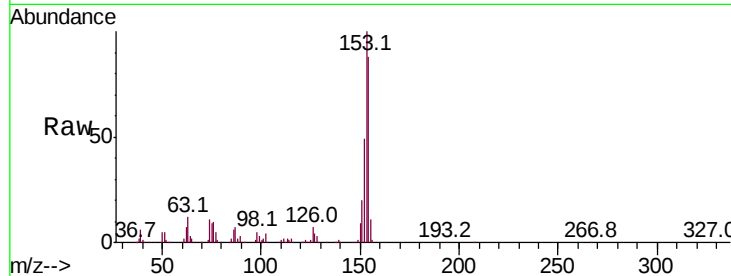
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 513601 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.4 | 90.0  | 135.0  |
| 152       | 55.2  | 42.6  | 63.8   |

Manual Integrations  
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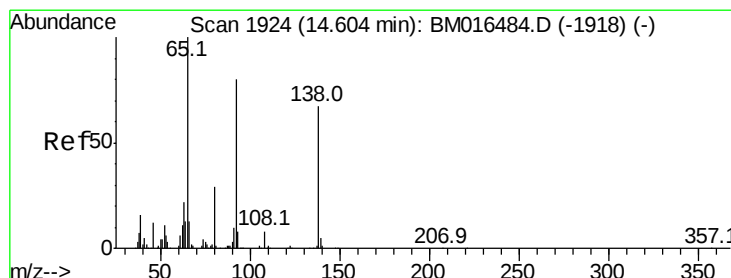
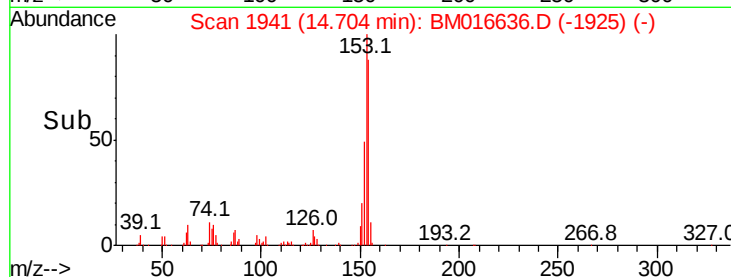
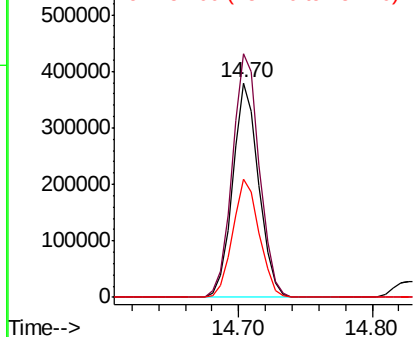


Abundance

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: 35.875 ng

RT: 14.59 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

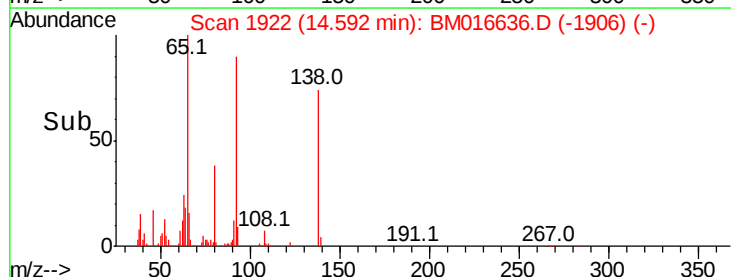
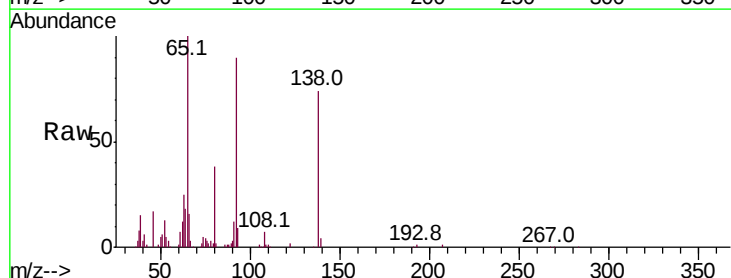
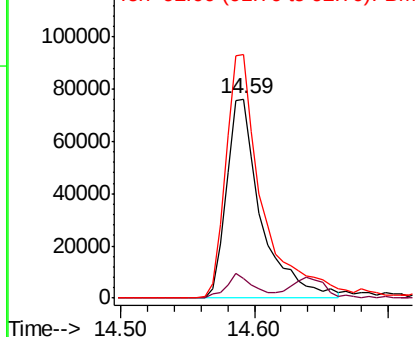
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 138491 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.8   | 7.3   | 10.9   |
| 92        | 122.4 | 76.6  | 114.8# |

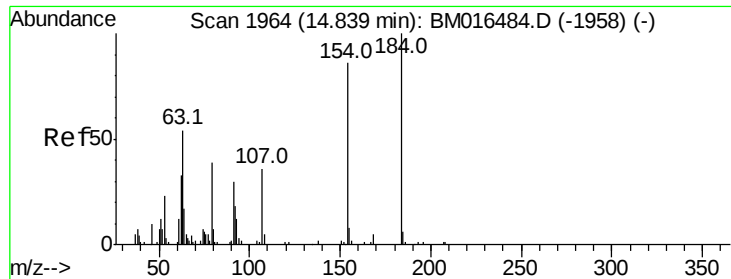
Abundance

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





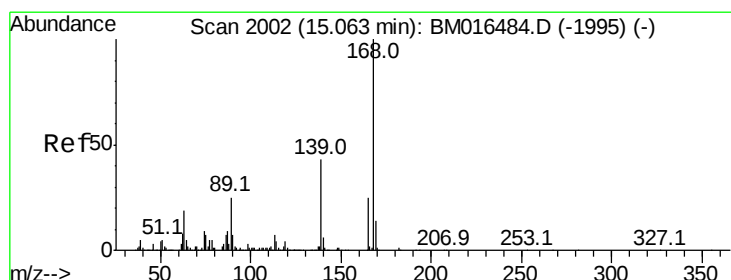
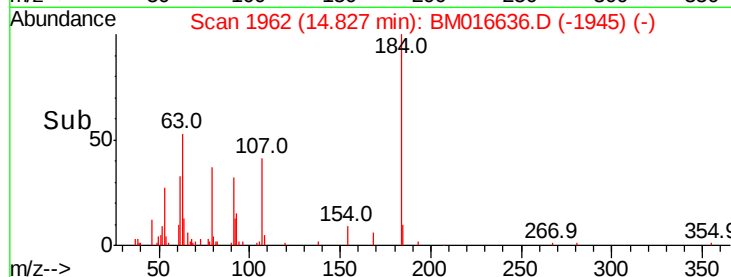
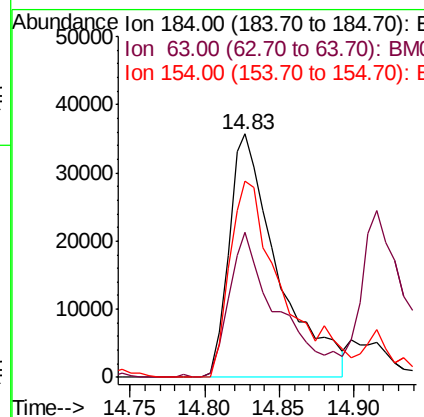
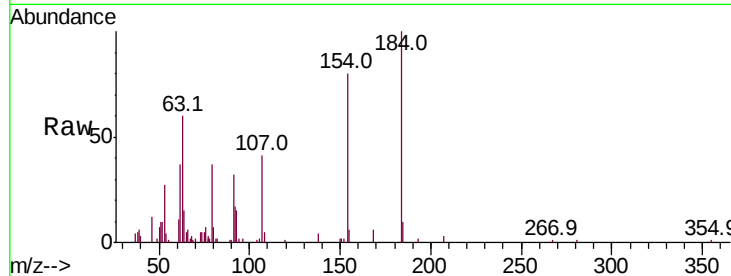
#53  
2,4-Dinitrophenol  
Concen: 38.110 ng  
RT: 14.83 min Scan# 1962  
Delta R.T. -0.00 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 184     | 100   |      |        |       |
| 63      | 59.6  | 69.2 | 103.8# |       |
| 154     | 80.5  | 53.3 | 79.9#  |       |

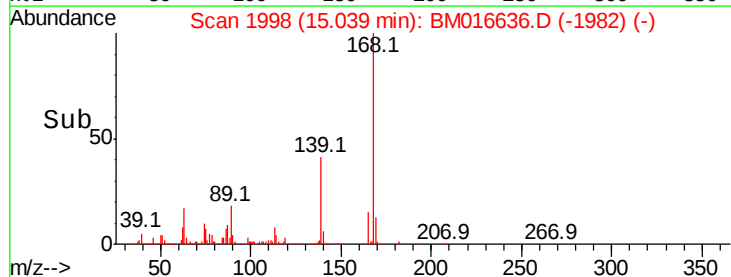
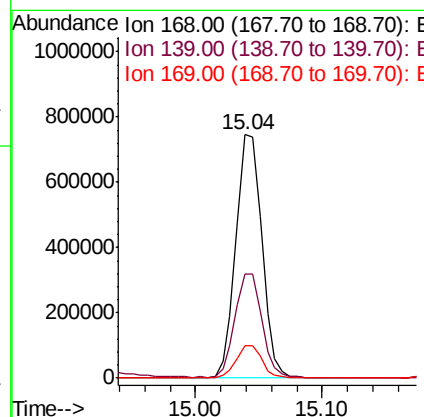
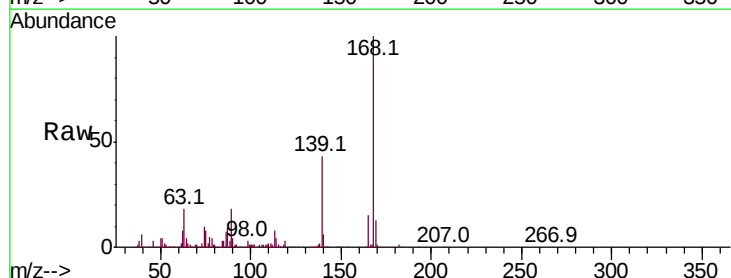
Manual Integrations  
APPROVED

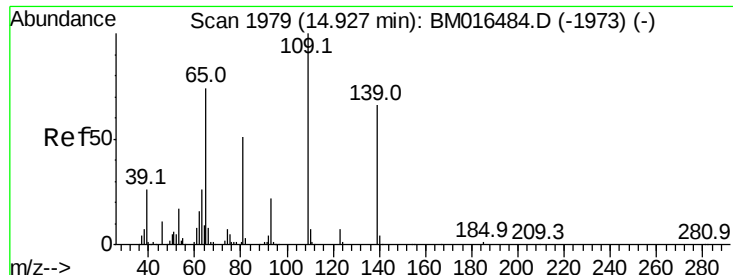
Sohil  
9/4/2018 4:39:10 PM



#54  
Dibenzofuran  
Concen: 39.597 ng  
RT: 15.04 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 42.9  | 27.3 | 40.9# |       |
| 169     | 13.5  | 10.6 | 16.0  |       |





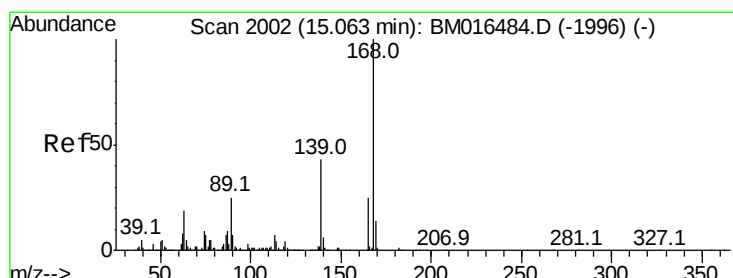
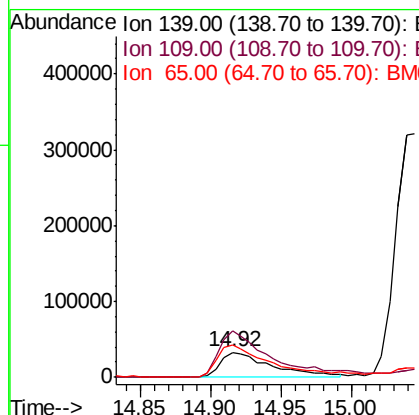
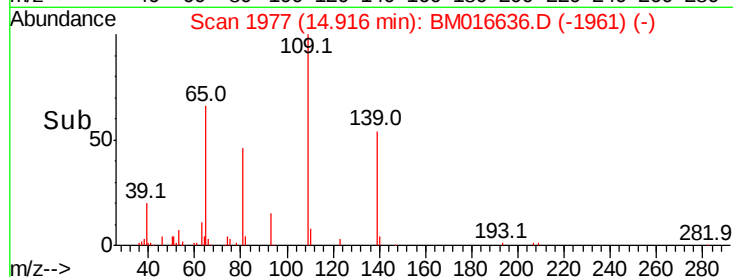
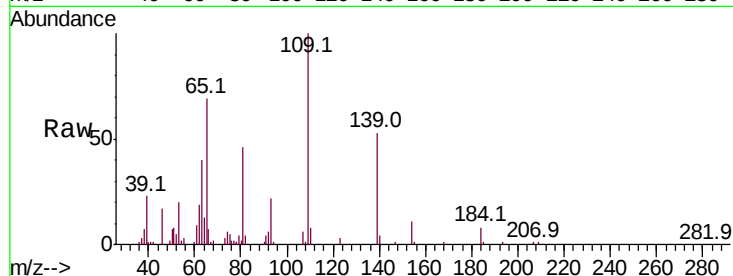
#55  
4-Nitrophenol  
Concen: 34.250 ng  
RT: 14.92 min Scan# 1977  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   |       |        |       |
| 109     | 187.9 | 130.0 | 170.0# |       |
| 65      | 128.9 | 130.0 | 170.0# |       |

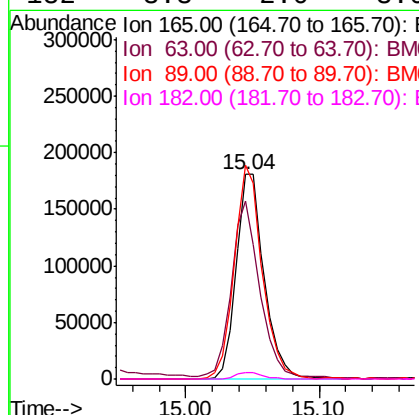
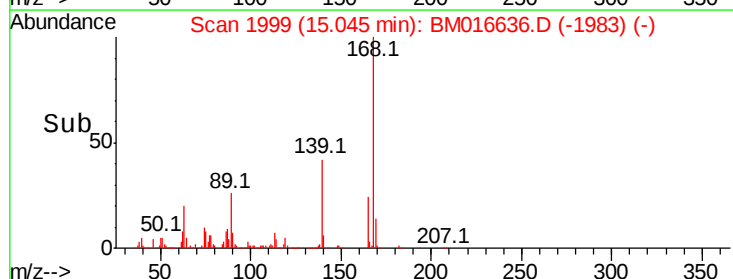
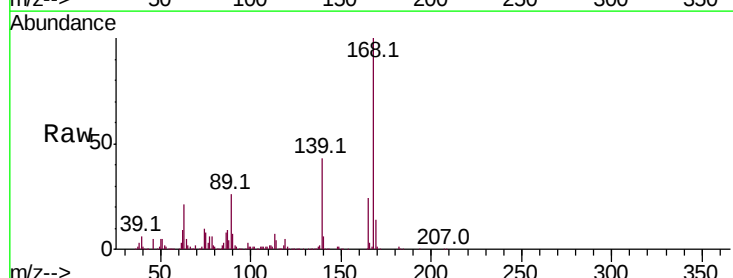
Manual Integrations  
APPROVED

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9/4/2018 4:39:10 PM



#56  
2,4-Dinitrotoluene  
Concen: 37.251 ng  
RT: 15.04 min Scan# 1999  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 86.7  | 52.4 | 78.6# |       |
| 89      | 104.3 | 72.4 | 108.6 |       |
| 182     | 3.3   | 2.0  | 3.0#  |       |





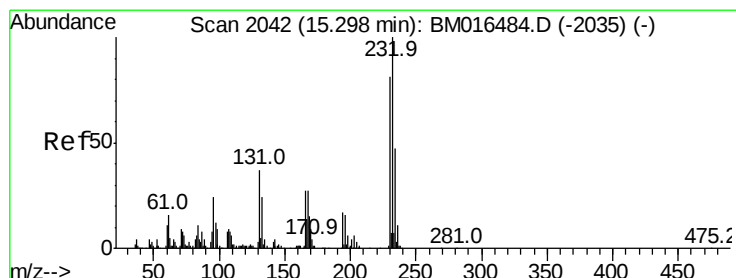
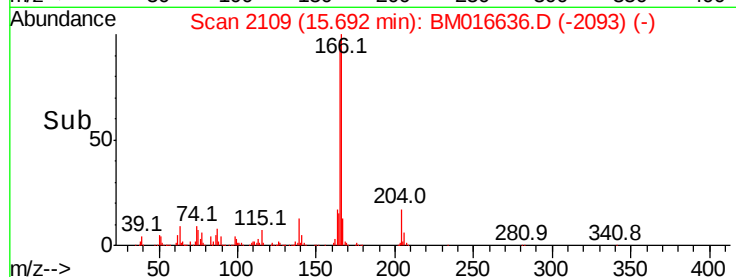
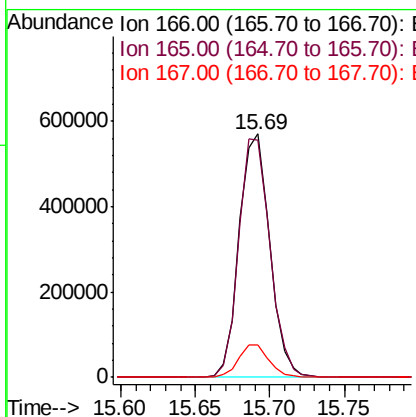
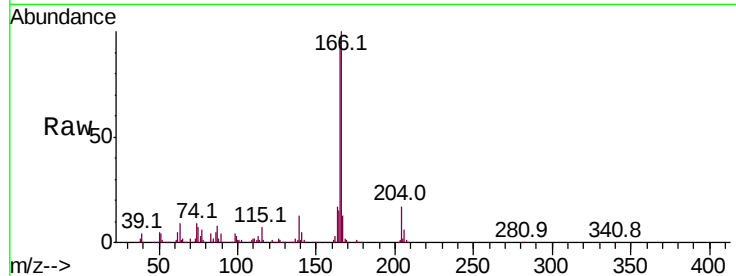
#57  
 Fluorene  
 Concen: 40.159 ng  
 RT: 15.69 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 812285 |       |       |
| 165     | 97.2  | 79.0   | 118.4 |       |
| 167     | 13.4  | 10.3   | 15.5  |       |

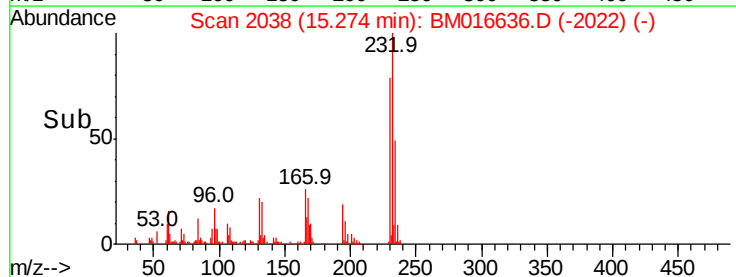
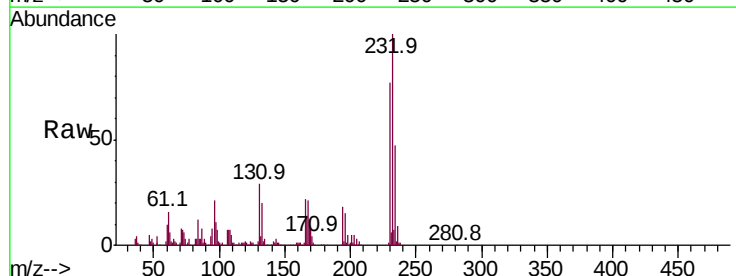
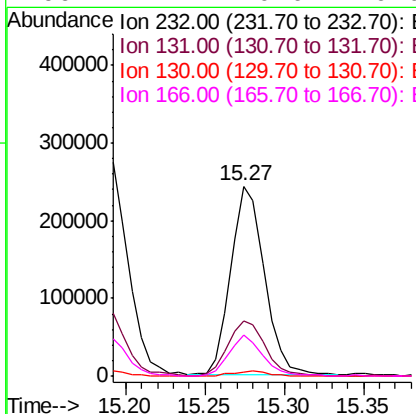
Manual Integrations  
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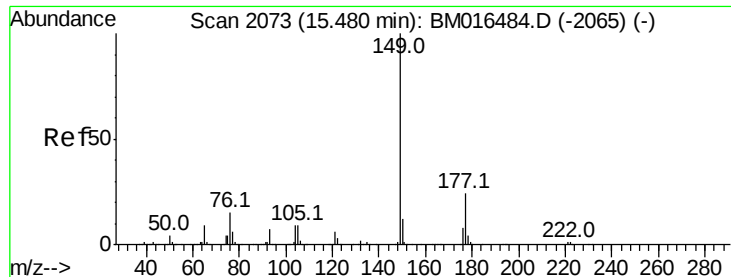
Sohil  
 9/4/2018 4:39:10 PM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.533 ng  
 RT: 15.27 min Scan# 2038  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 355589 |       |       |
| 131     | 31.8  | 0.0    | 0.0#  |       |
| 130     | 2.7   | 0.0    | 0.0#  |       |
| 166     | 21.2  | 0.0    | 0.0#  |       |





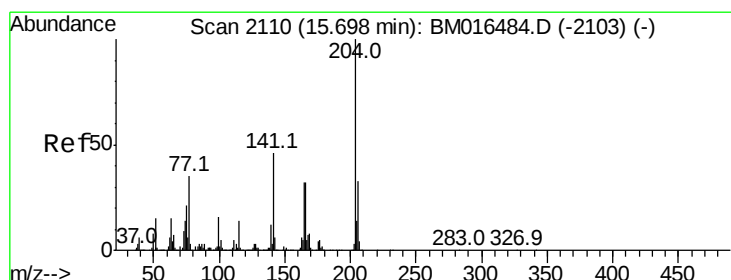
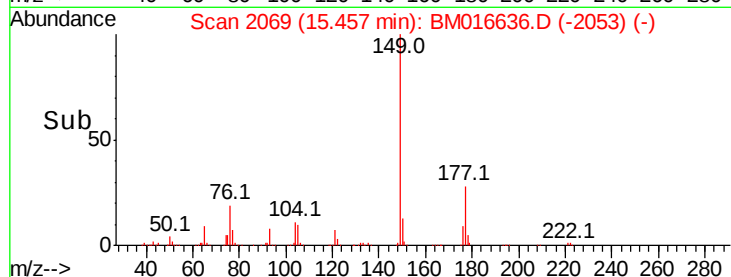
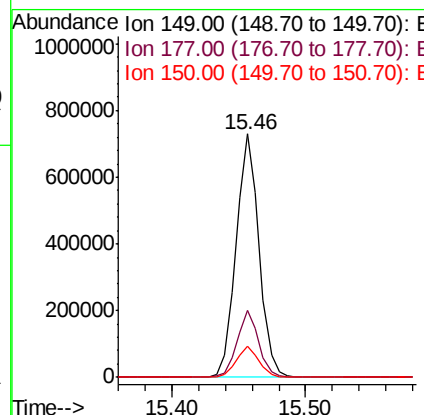
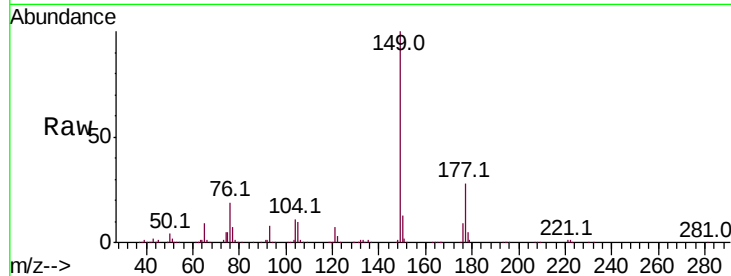
#59  
Diethylphthalate  
Concen: 38.570 ng  
RT: 15.46 min Scan# 2069  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 27.5  | 18.3  | 27.5# |
| 150     | 12.7  | 9.8   | 14.8  |

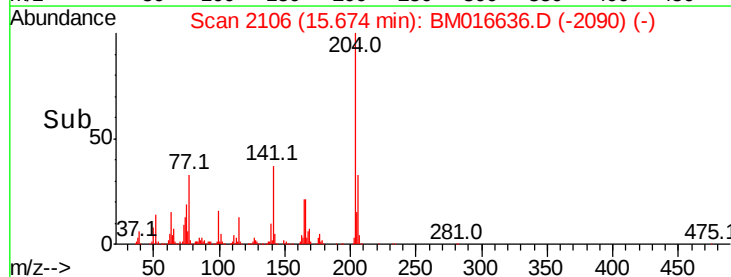
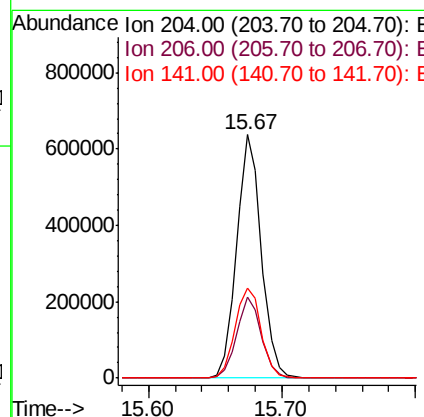
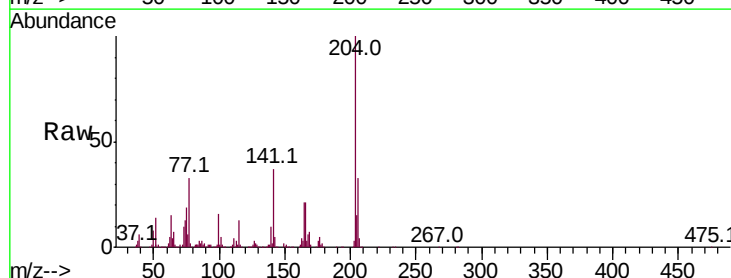
Manual Integrations  
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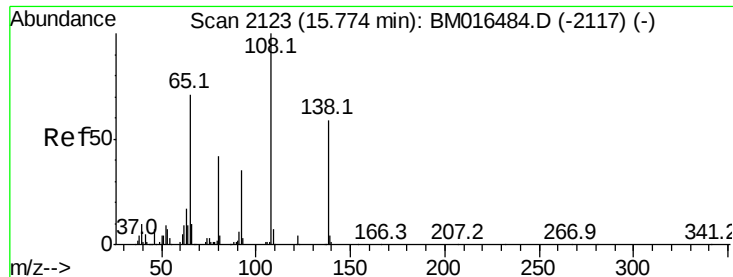
Sohil  
9/4/2018 4:39:10 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.246 ng  
RT: 15.67 min Scan# 2106  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.4  | 26.6  | 39.8  |
| 141     | 37.2  | 45.2  | 67.8# |





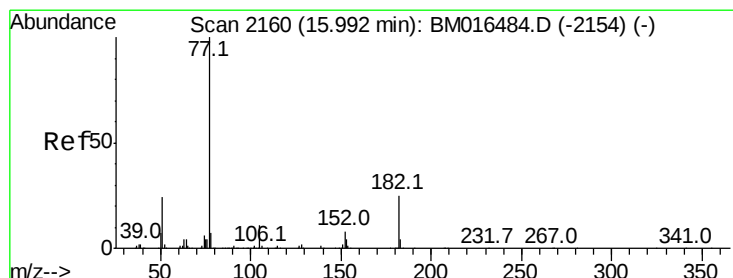
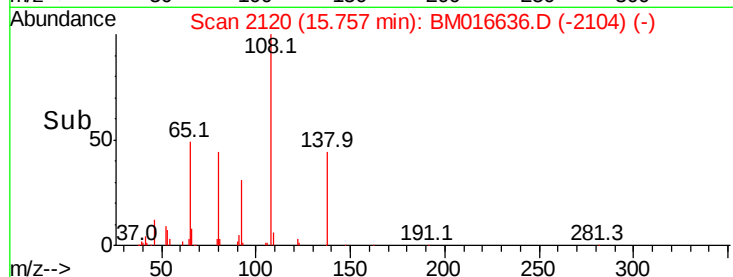
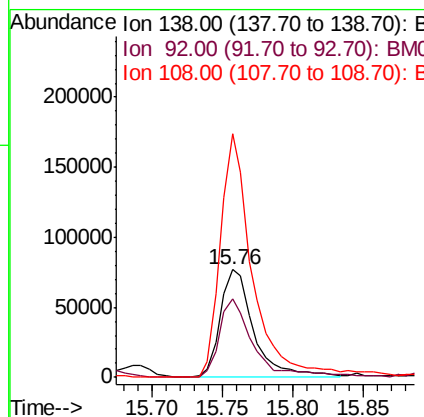
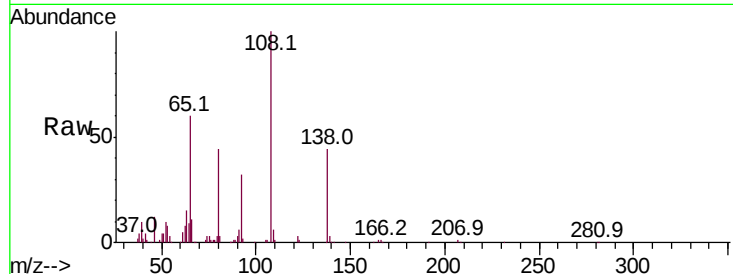
#61  
4-Nitroaniline  
Concen: 34.001 ng  
RT: 15.76 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 72.4  | 16.7  | 56.7# |
| 108     | 225.7 | 37.6  | 77.6# |

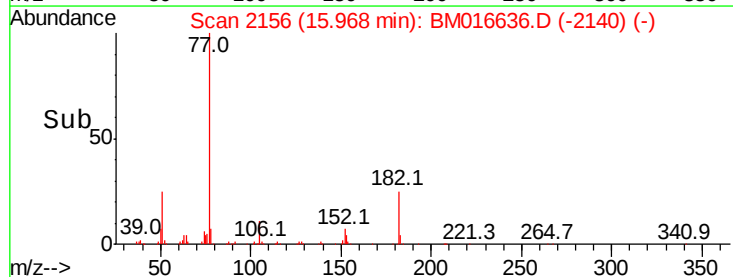
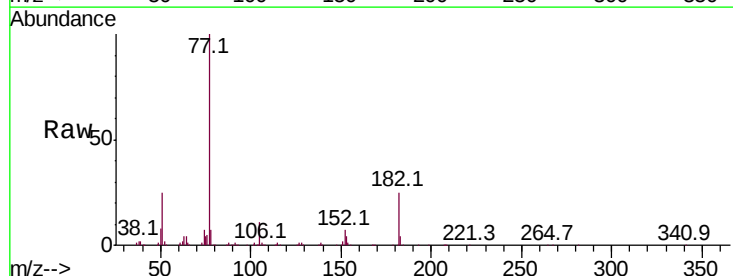
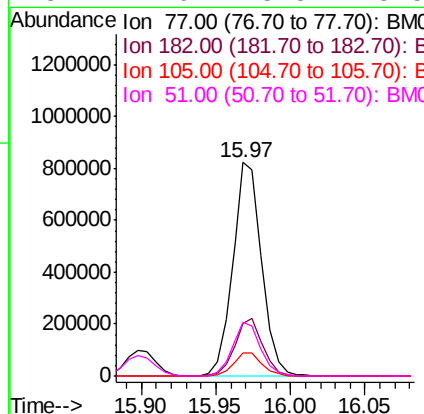
Manual Integrations  
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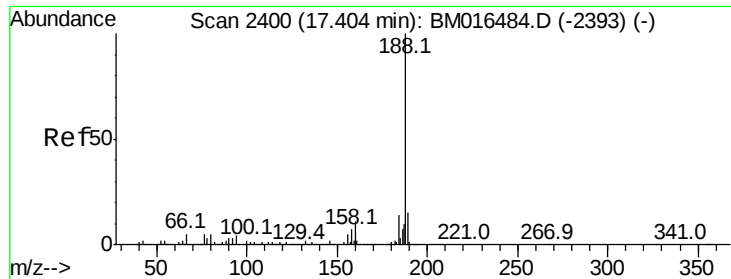
Sohil  
9/4/2018 4:39:10 PM



#62  
Azobenzene  
Concen: 45.663 ng  
RT: 15.97 min Scan# 2156  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.6  | 6.5   | 46.5  |
| 105     | 10.7  | 3.8   | 43.8  |
| 51      | 24.9  | 5.5   | 45.5  |





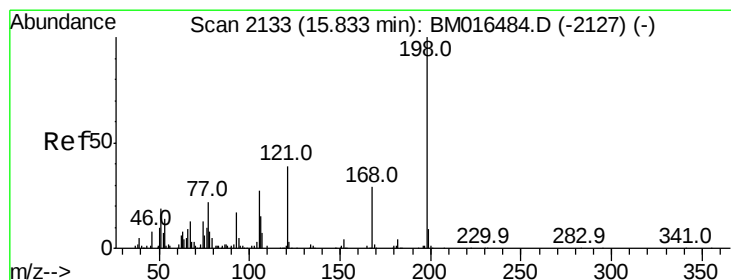
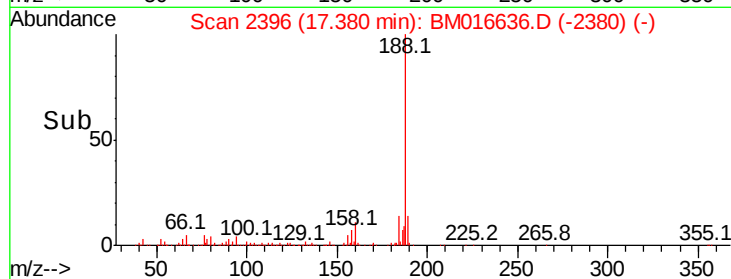
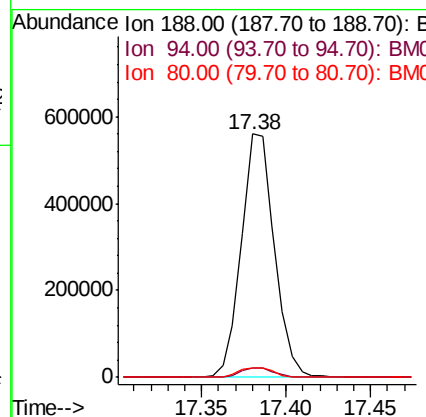
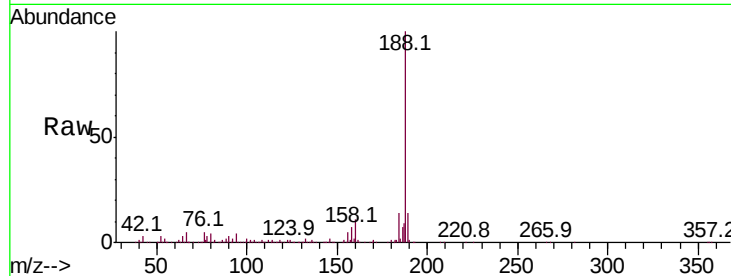
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.38 min Scan# 2396  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 188     | 100   |            |       |
| 94      | 4.0   | 8.7        | 13.1# |
| 80      | 4.0   | 9.3        | 13.9# |

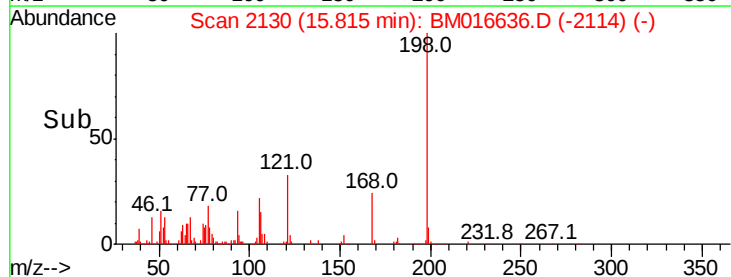
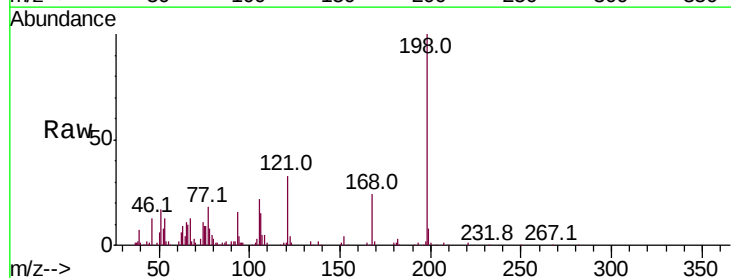
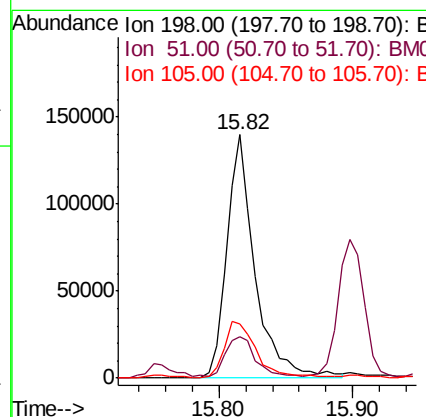
Manual Integrations  
APPROVED

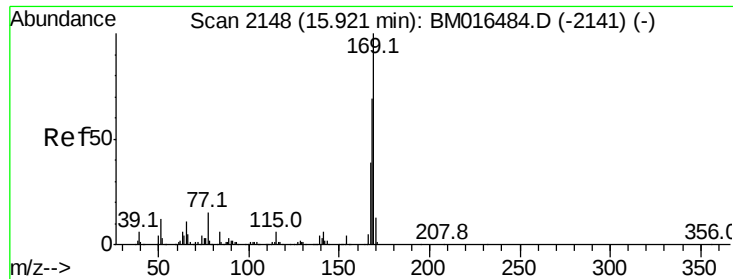
Sohil  
9/4/2018 4:39:10 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 35.679 ng  
RT: 15.82 min Scan# 2130  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 198     | 100   |            |       |
| 51      | 16.8  | 28.8       | 68.8# |
| 105     | 22.1  | 30.5       | 70.5# |





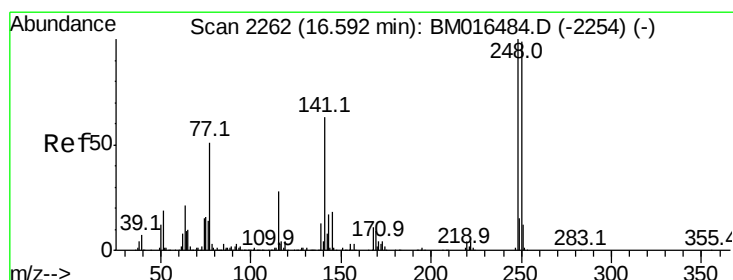
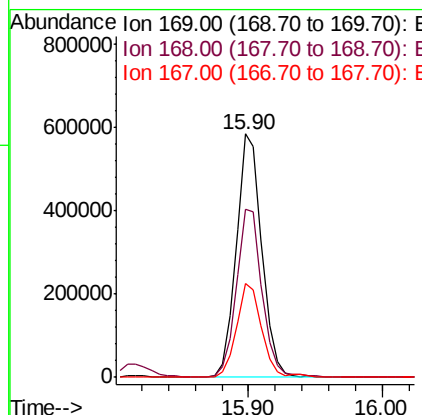
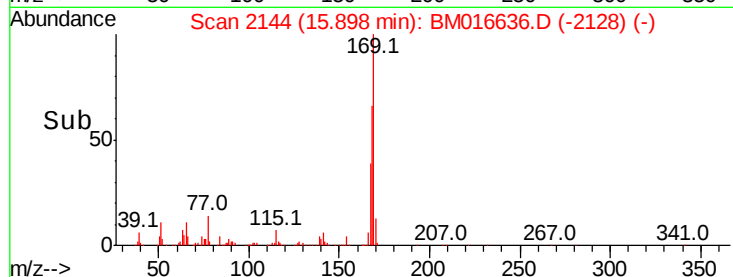
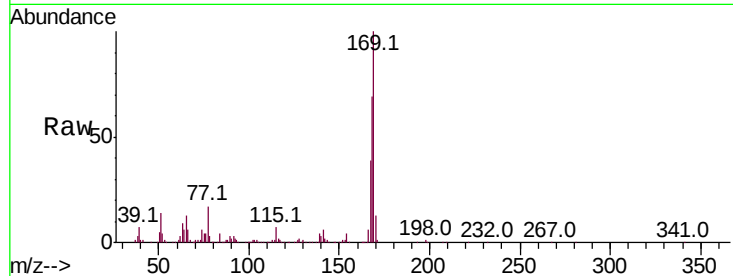
#65  
n-Nitrosodiphenylamine  
Concen: 35.853 ng  
RT: 15.90 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 771998 |       |       |
| 168     | 68.9  |        | 53.9  | 80.9  |
| 167     | 38.7  |        | 28.9  | 43.3  |

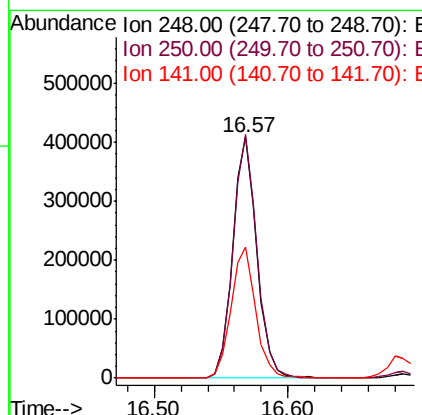
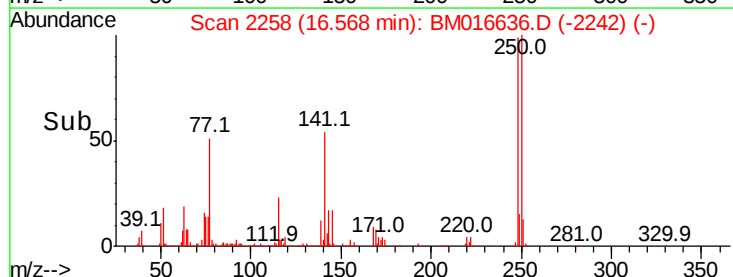
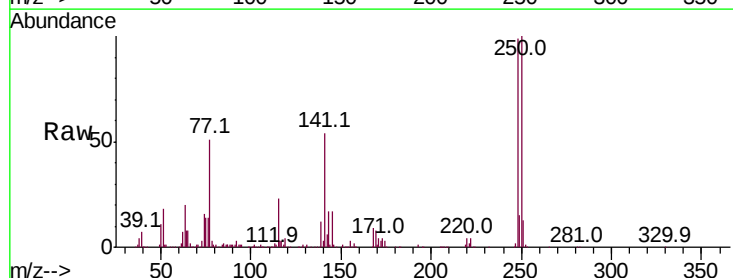
Manual Integrations  
APPROVED

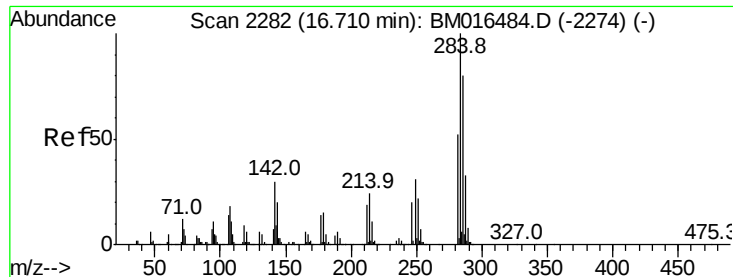
Sohil  
9/4/2018 4:39:10 PM



#66  
4-Bromophenyl-phenylether  
Concen: 43.898 ng  
RT: 16.57 min Scan# 2258  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 516262 |       |       |
| 250     | 101.3 |        | 77.4  | 116.0 |
| 141     | 54.6  |        | 45.2  | 67.8  |





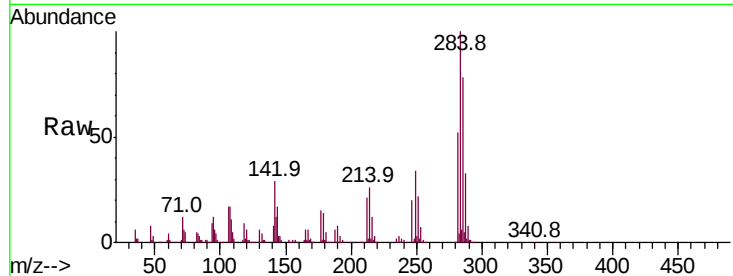
#67  
Hexachlorobenzene  
Concen: 42.458 ng  
RT: 16.69 min Scan# 2278  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

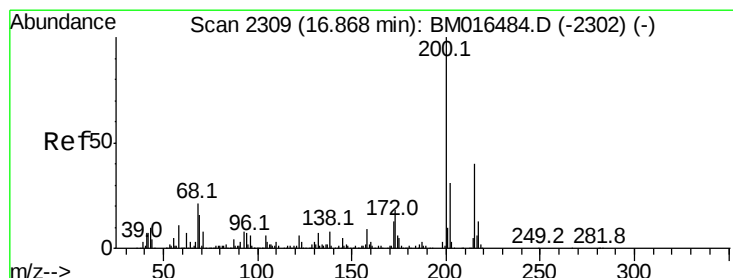
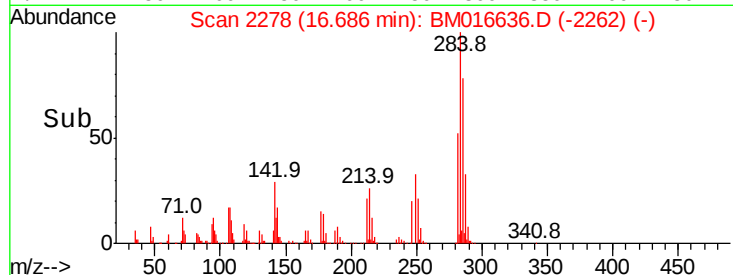
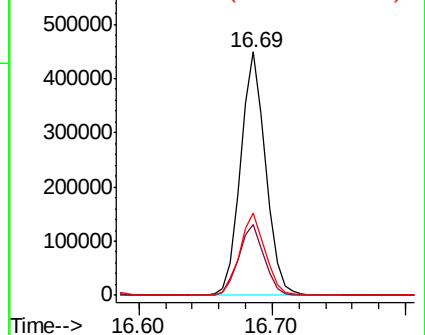
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 582309 |       |       |
| 142     | 28.9  | 20.4   | 30.6  |       |
| 249     | 33.6  | 23.8   | 35.6  |       |

Manual Integrations  
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Sohil  
9/4/2018 4:39:10 PM

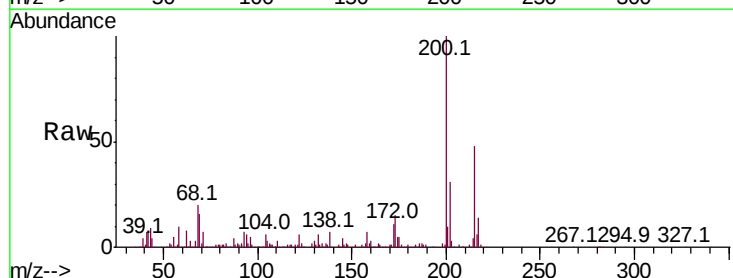


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

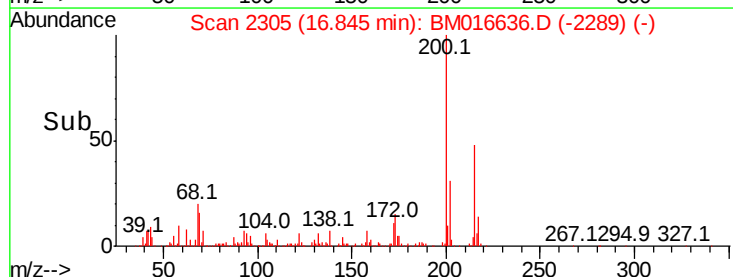
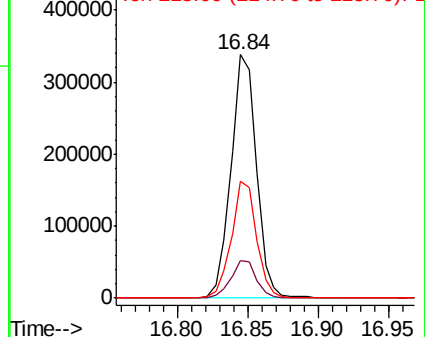


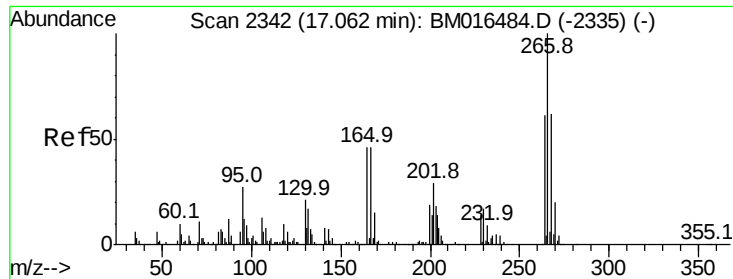
#68  
Atrazine  
Concen: 43.324 ng  
RT: 16.84 min Scan# 2305  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 425730 |       |       |
| 173     | 15.2  | 4.8    | 44.8  |       |
| 215     | 47.8  | 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





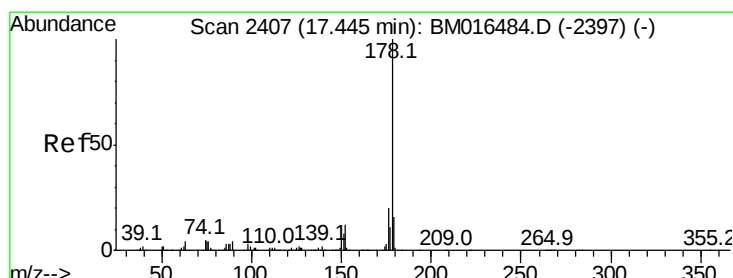
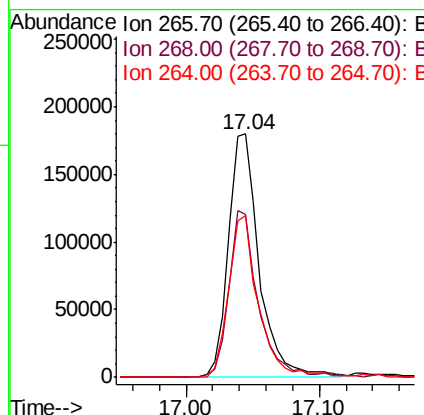
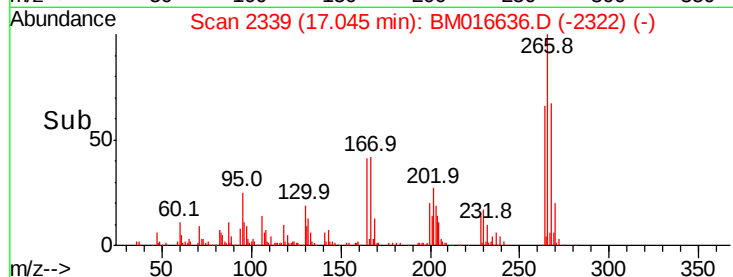
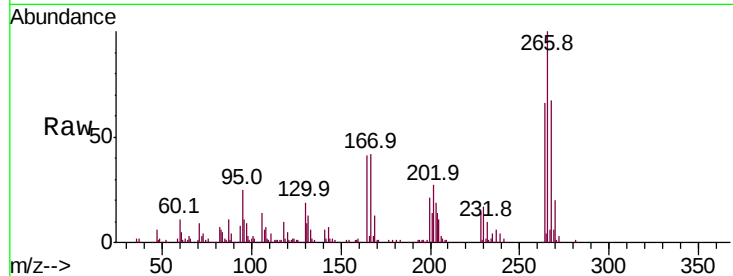
#69  
 Pentachlorophenol  
 Concen: 40.228 ng  
 RT: 17.04 min Scan# 2339  
 Delta R.T. -0.00 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 291925 |       |       |
| 268     | 66.9  | 52.0   | 78.0  |       |
| 264     | 66.3  | 49.0   | 73.4  |       |

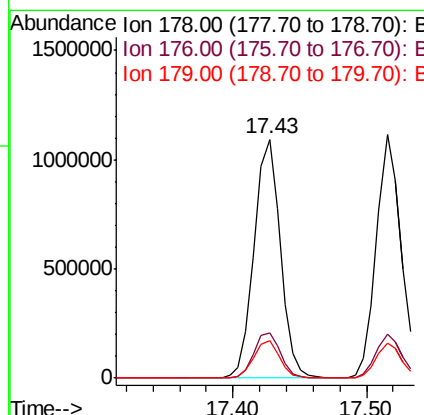
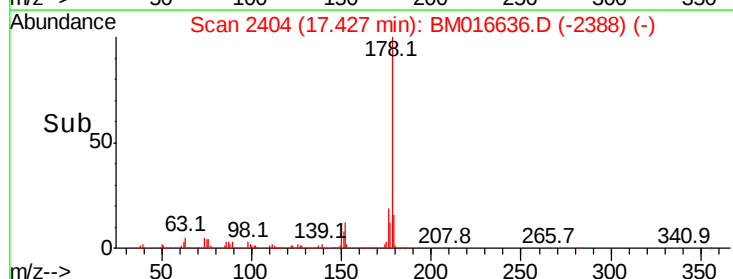
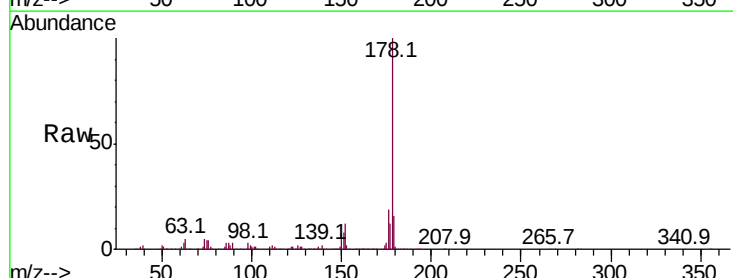
Manual Integrations  
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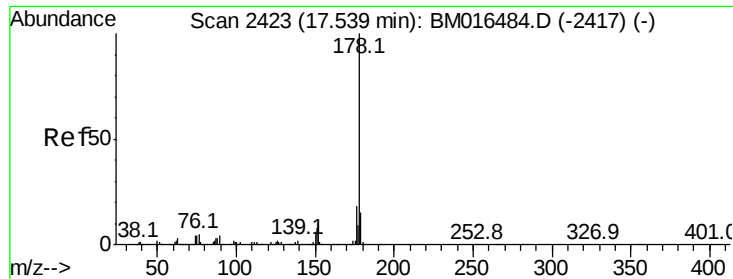
Sohil  
 9/4/2018 4:39:10 PM



#70  
 Phenanthrene  
 Concen: 37.268 ng  
 RT: 17.43 min Scan# 2404  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1474333 |       |       |
| 176     | 18.8  | 15.2    | 22.8  |       |
| 179     | 15.7  | 12.1    | 18.1  |       |





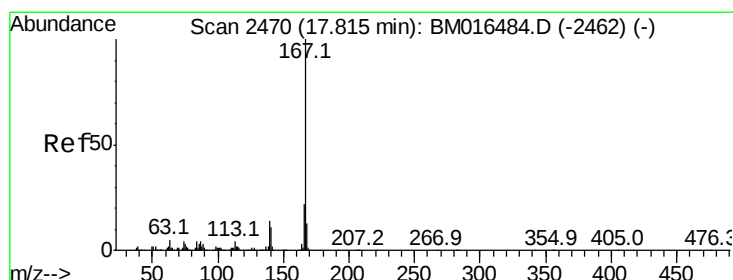
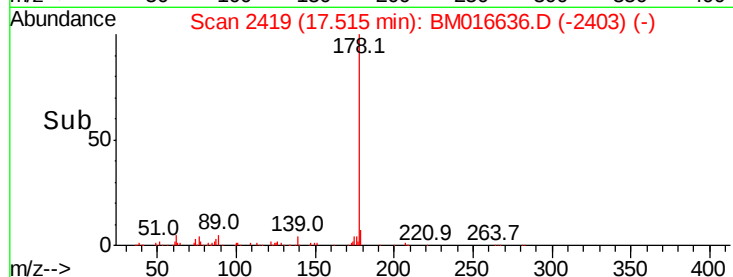
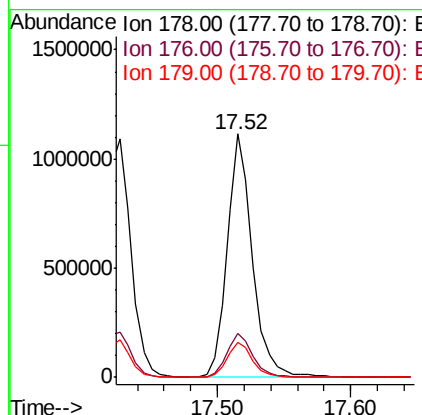
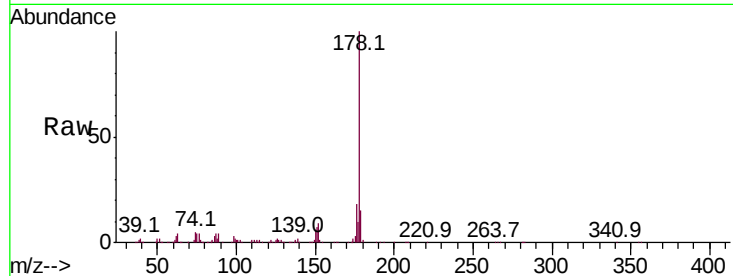
#71  
 Anthracene  
 Concen: 37.258 ng  
 RT: 17.52 min Scan# 2419  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.8  | 14.6  | 22.0  |
| 179     | 14.6  | 12.6  | 19.0  |

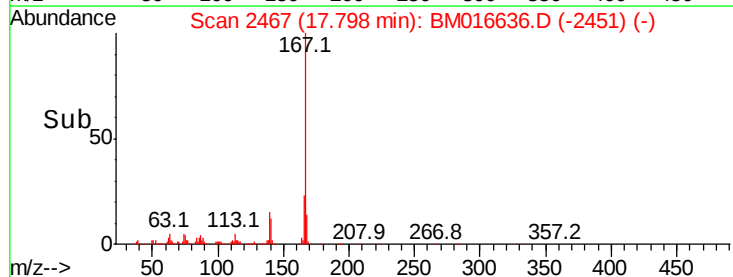
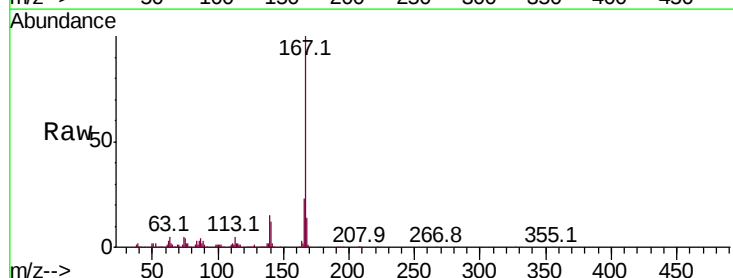
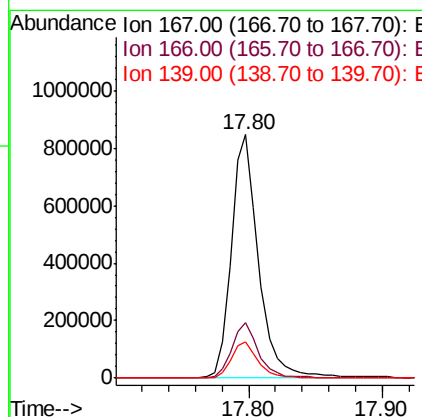
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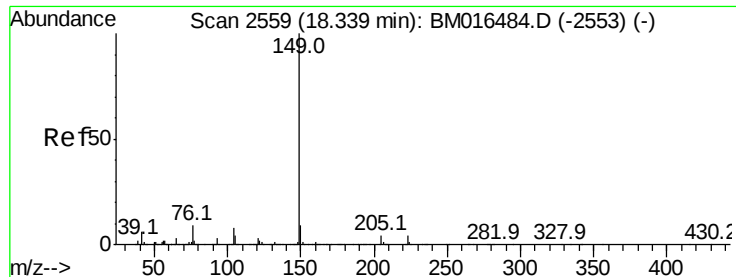
Sohil  
 9/4/2018 4:39:10 PM



#72  
 Carbazole  
 Concen: 34.099 ng  
 RT: 17.80 min Scan# 2467  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.0  | 17.2  | 25.8  |
| 139     | 14.9  | 10.8  | 16.2  |





#73

Di-n-butylphthalate

Concen: 36.241 ng

RT: 18.32 min Scan# 2555

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1559778

Ion Ratio Lower Upper

149 100

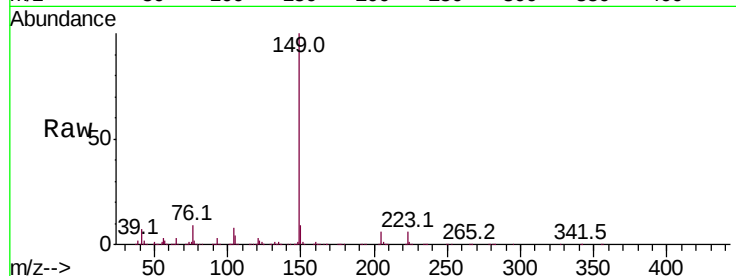
150 9.3 7.5 11.3

104 8.3 3.7 5.5#

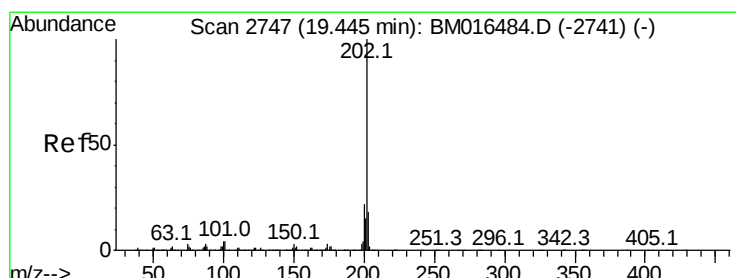
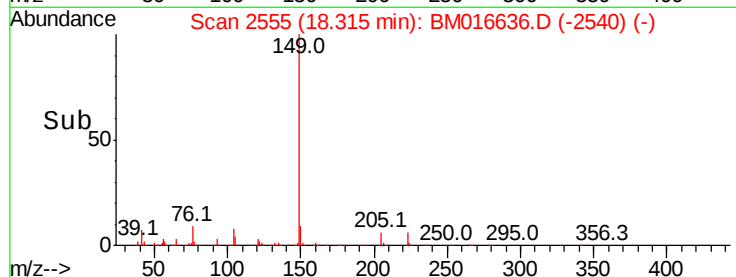
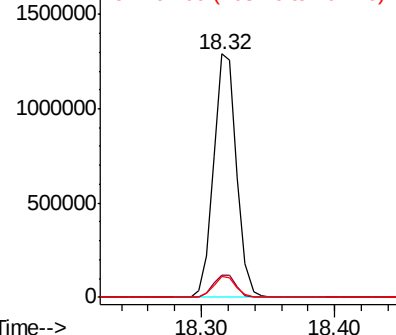
Manual Integrations  
APPROVED

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.010 ng

RT: 19.43 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

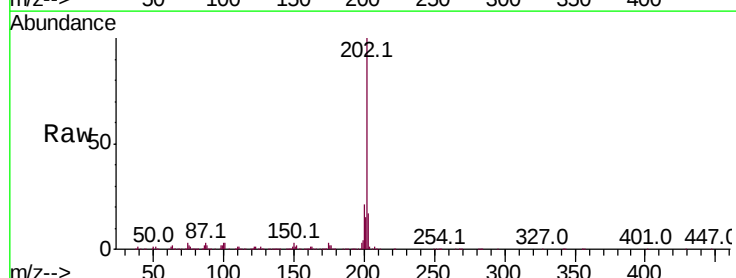
Tgt Ion:202 Resp: 2378759

Ion Ratio Lower Upper

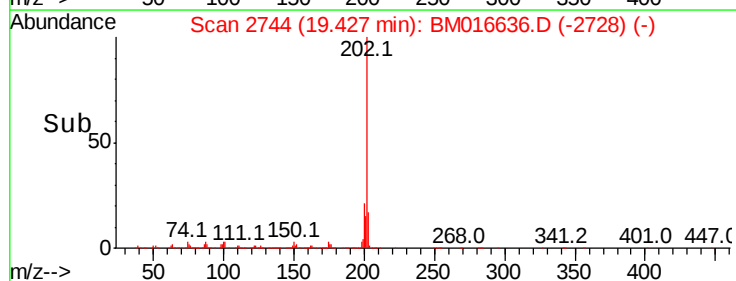
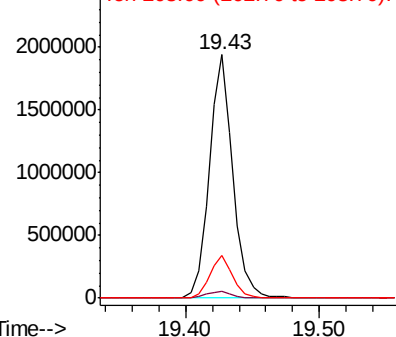
202 100

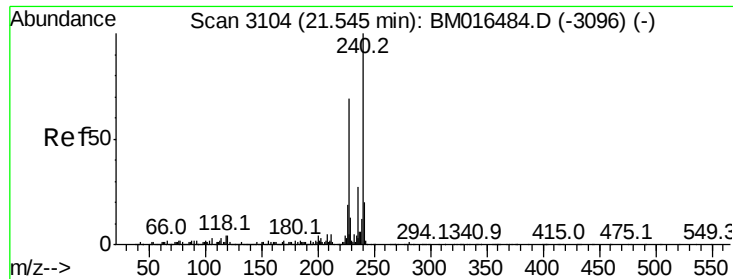
101 2.9 0.0 28.7

203 17.4 0.0 37.2



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





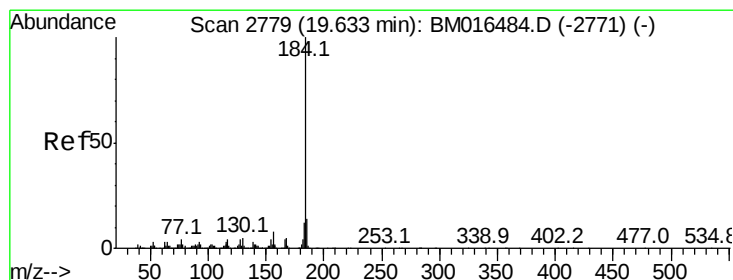
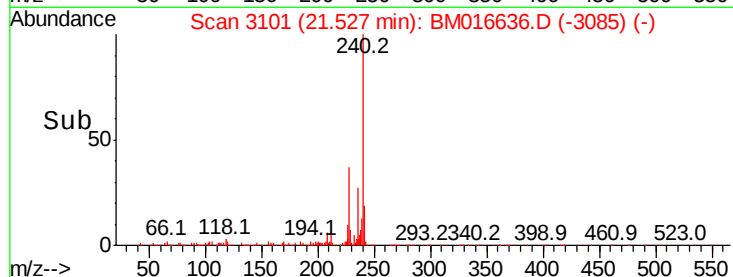
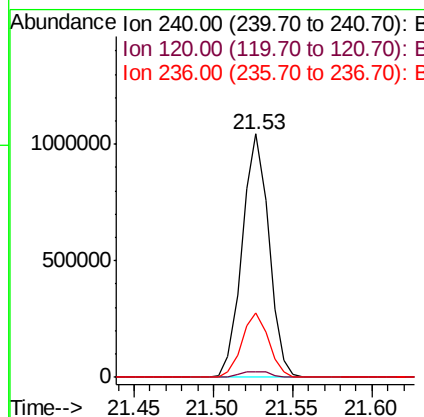
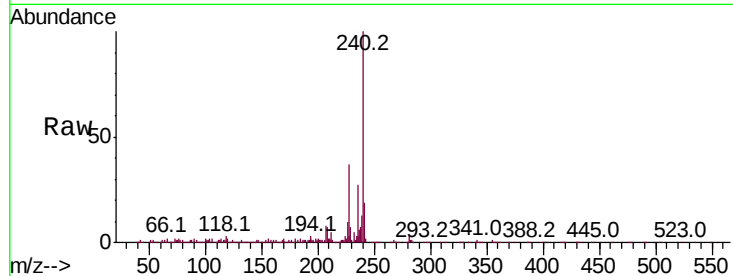
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.53 min Scan# 3101  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 2.5   | 8.2   | 12.2# |
| 236     | 26.7  | 20.0  | 30.0  |

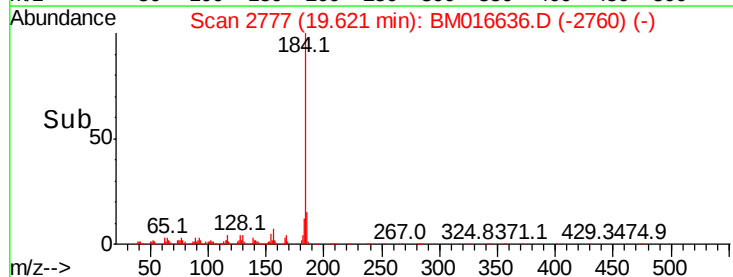
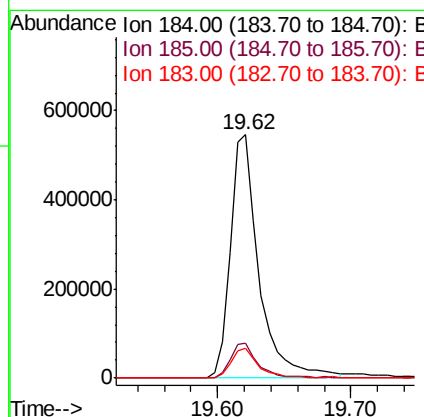
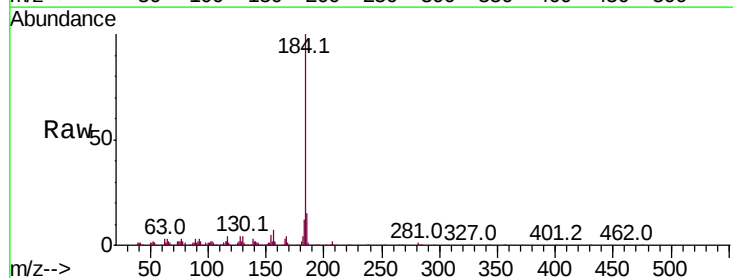
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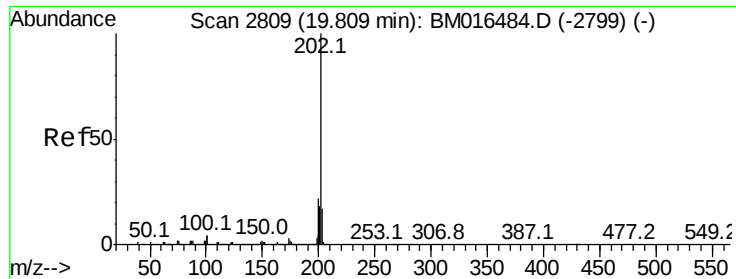
Sohil  
9/4/2018 4:39:10 PM



#76  
Benzidine  
Concen: 34.875 ng  
RT: 19.62 min Scan# 2777  
Delta R.T. -0.00 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.5  | 11.3  | 16.9  |
| 183     | 12.0  | 8.9   | 13.3  |





#77

Pvrene

Concen: 38.566 ng

RT: 19.79 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

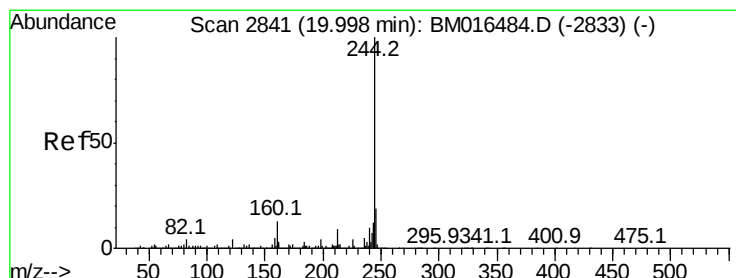
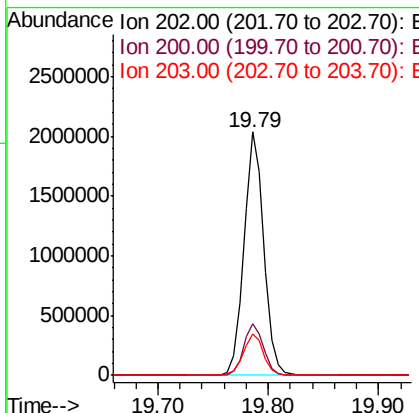
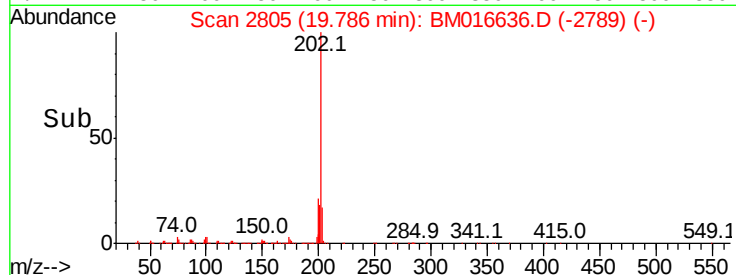
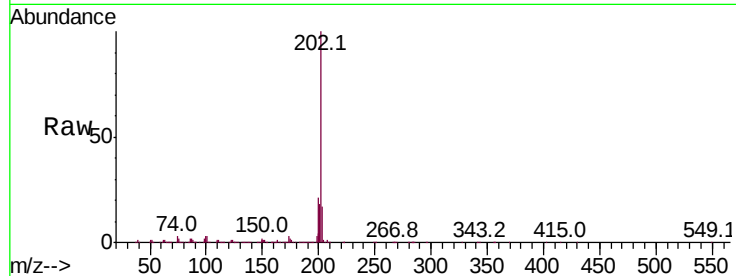
ClientSampleId :

SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 202     | 100  |       |      |       |       |
| 200     | 21.3 | 16.9  | 25.3 |       |       |
| 203     | 16.9 | 14.1  | 21.1 |       |       |

Manual Integrations  
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#78

Terphenyl-d14

Concen: 104.055 ng

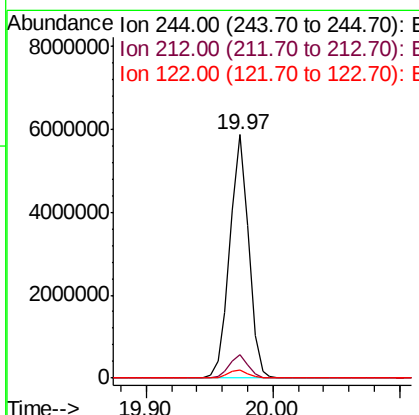
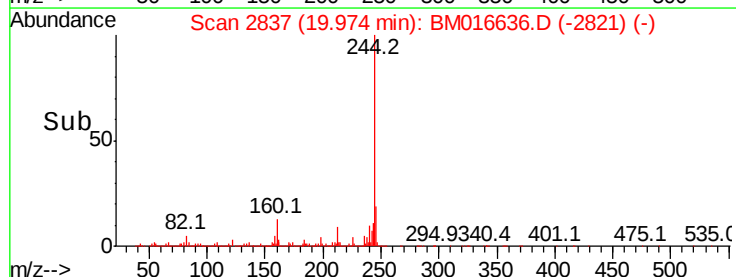
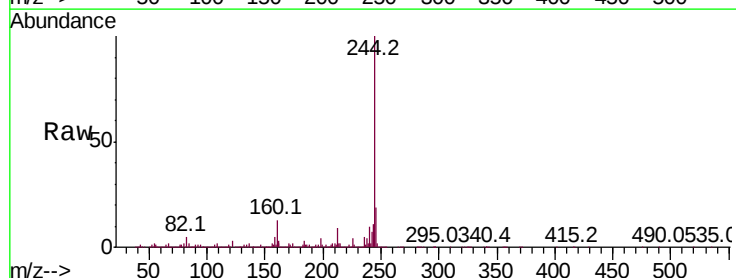
RT: 19.97 min Scan# 2837

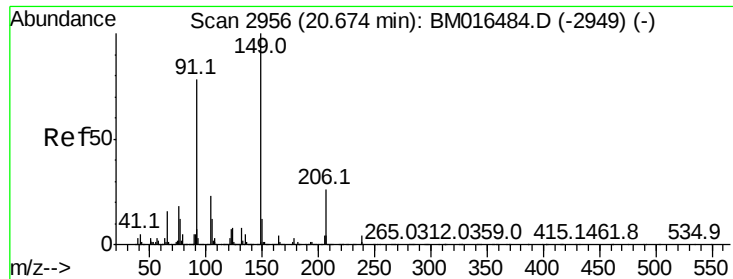
Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 244     | 100 |       |      |       |       |
| 212     | 9.4 | 4.9   | 7.3# |       |       |
| 122     | 3.1 | 6.2   | 9.4# |       |       |





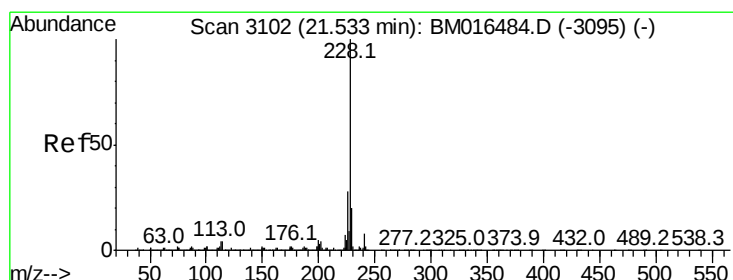
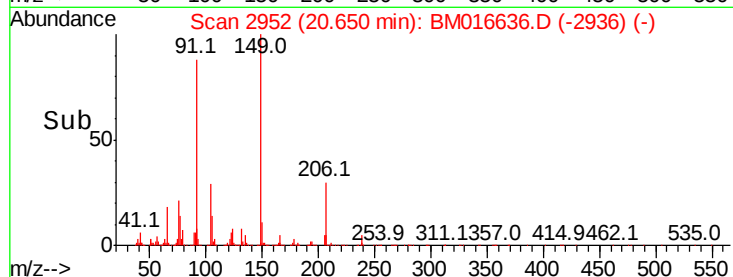
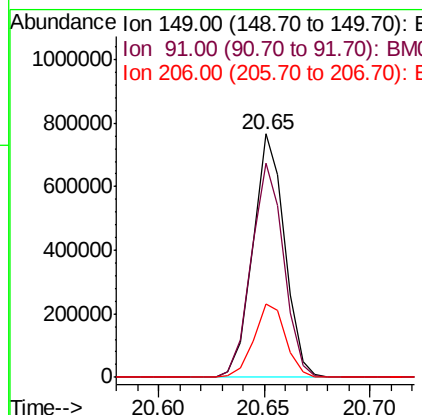
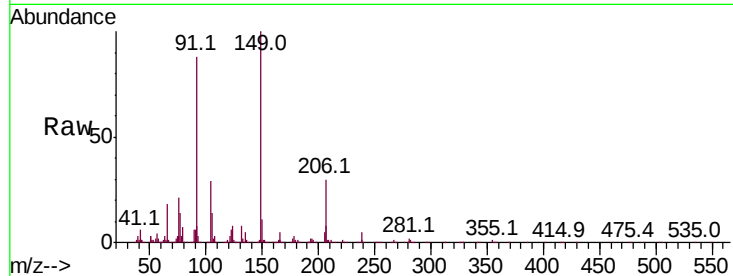
#79  
Butylbenzylphthalate  
Concen: 35.087 ng  
RT: 20.65 min Scan# 2952  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 87.9  | 50.1  | 75.1# |
| 206     | 30.0  | 16.2  | 24.2# |

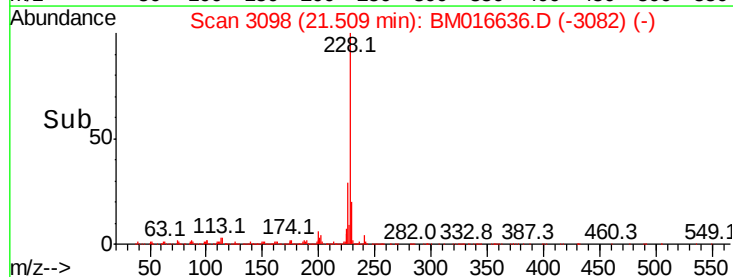
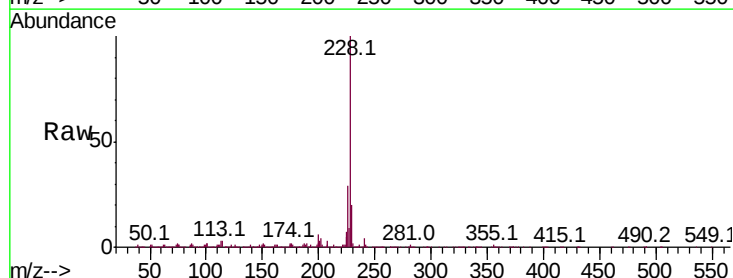
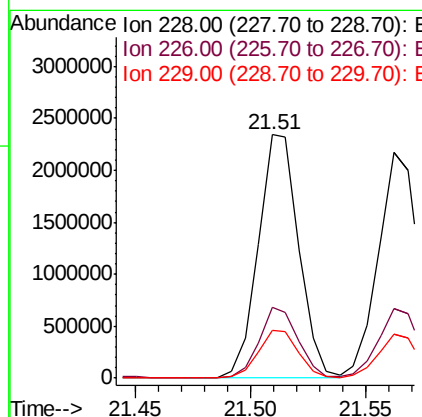
Manual Integrations  
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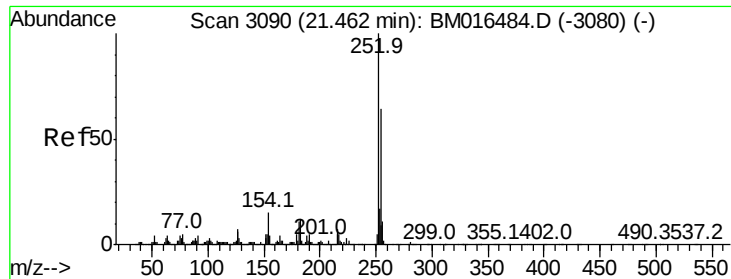
Sohil  
9/4/2018 4:39:10 PM



#80  
Benzo(a)anthracene  
Concen: 39.914 ng  
RT: 21.51 min Scan# 3098  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.1  | 21.7  | 32.5  |
| 229     | 19.9  | 16.0  | 24.0  |





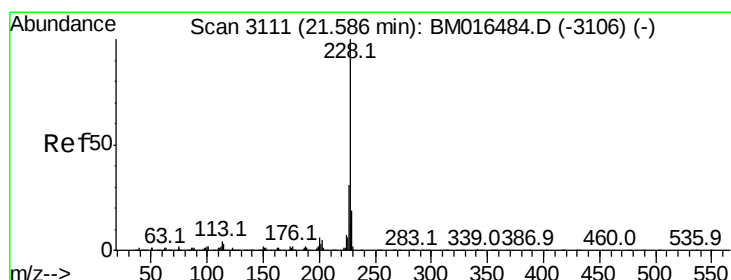
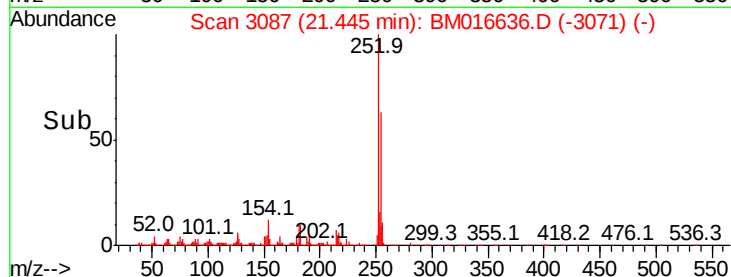
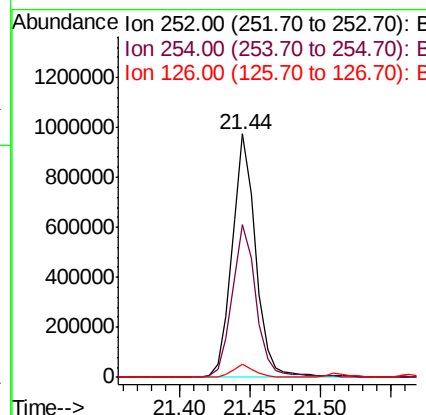
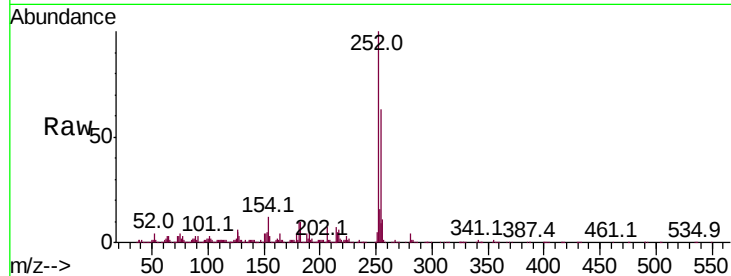
#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.406 ng  
 RT: 21.44 min Scan# 3087  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.6  | 51.9  | 77.9  |
| 126     | 5.4   | 9.8   | 14.8  |

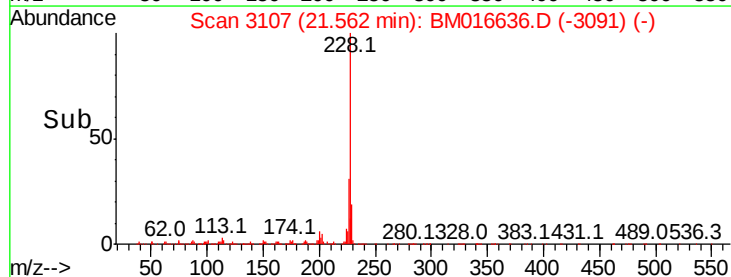
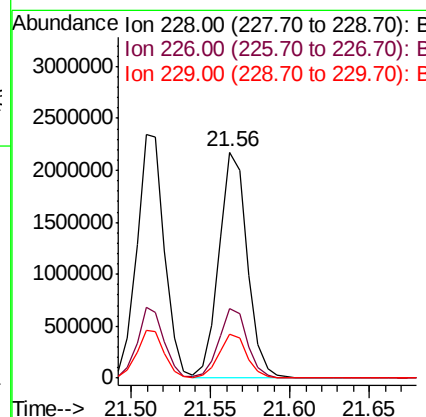
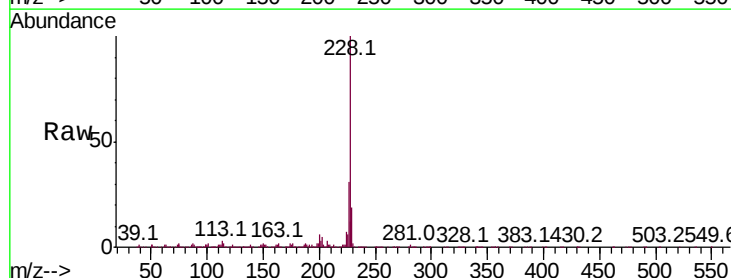
Manual Integrations  
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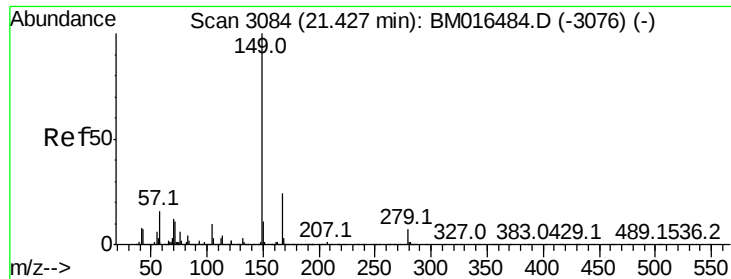
Sohil  
 9/4/2018 4:39:10 PM



#82  
 Chrysene  
 Concen: 39.154 ng  
 RT: 21.56 min Scan# 3107  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 24.1  | 36.1  |
| 229     | 19.3  | 15.5  | 23.3  |





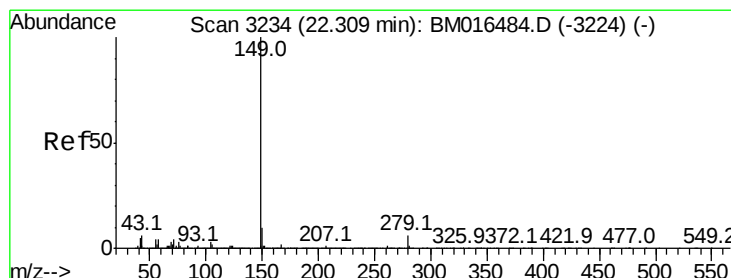
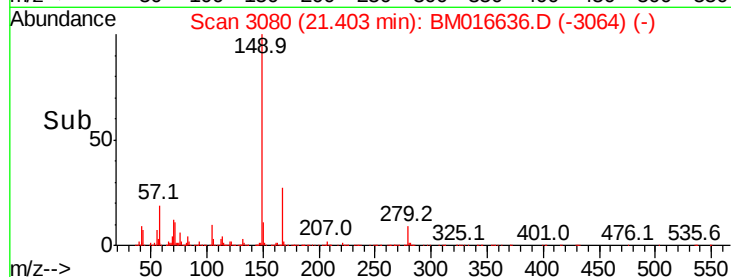
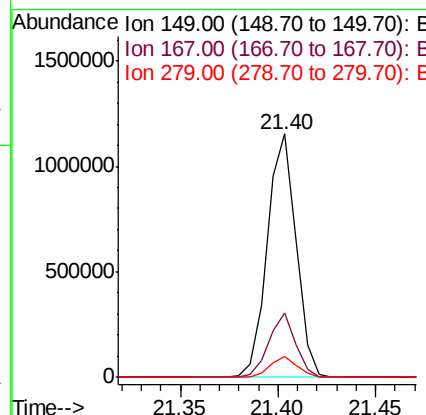
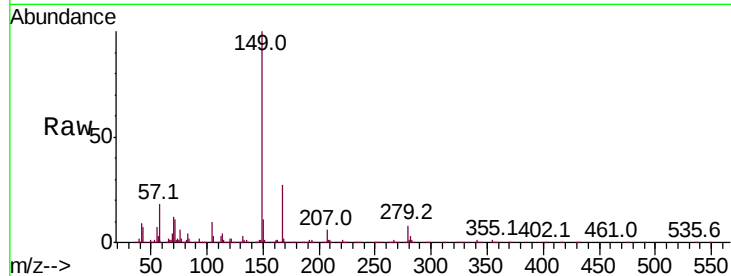
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 34.603 ng  
 RT: 21.40 min Scan# 3080  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.7  | 22.4  | 33.6  |
| 279     | 8.5   | 3.4   | 5.0#  |

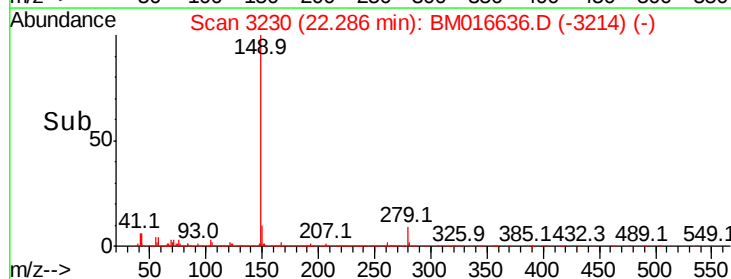
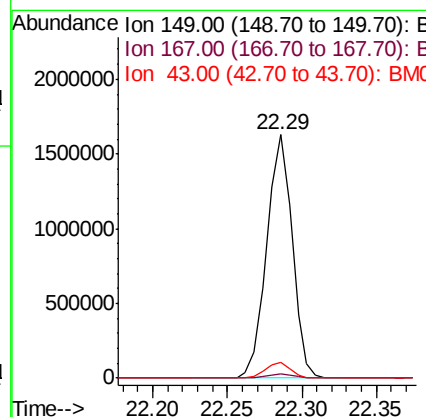
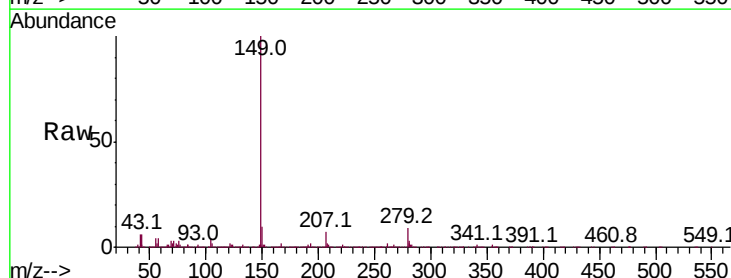
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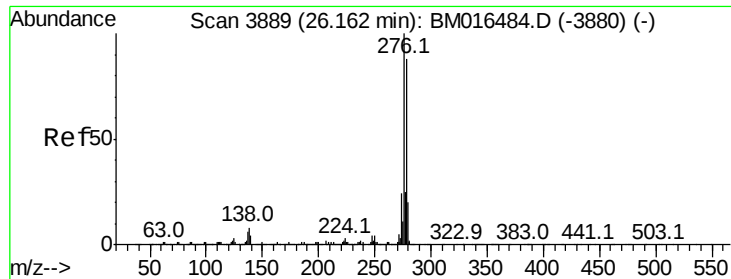
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#84  
 Di-n-octyl phthalate  
 Concen: 33.793 ng  
 RT: 22.29 min Scan# 3230  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.8   | 1.2   | 1.8#  |
| 43      | 6.5   | 7.3   | 10.9# |





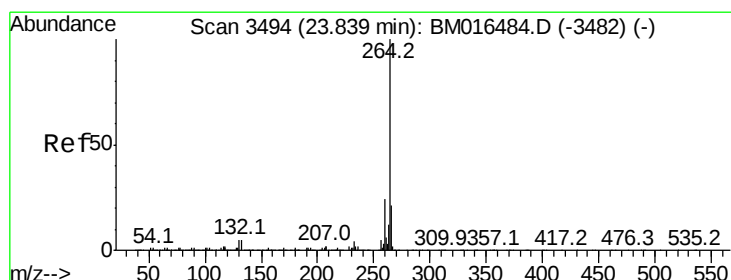
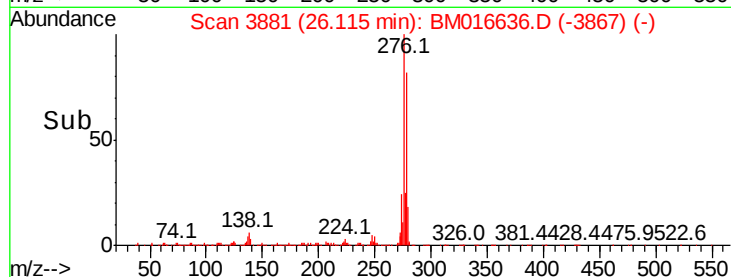
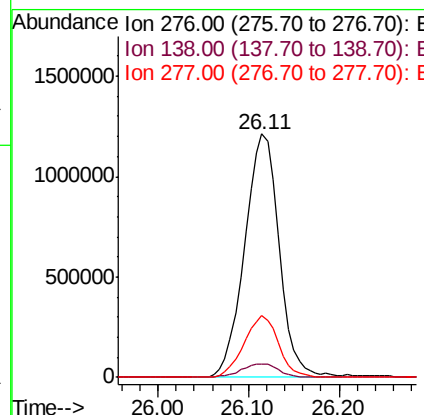
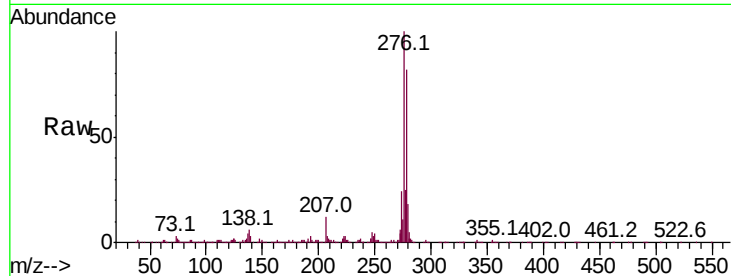
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.662 ng  
 RT: 26.11 min Scan# 3881  
 Delta R.T. -0.02 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 6.0   | 12.0  | 18.0# |
| 277     | 25.1  | 20.0  | 30.0  |

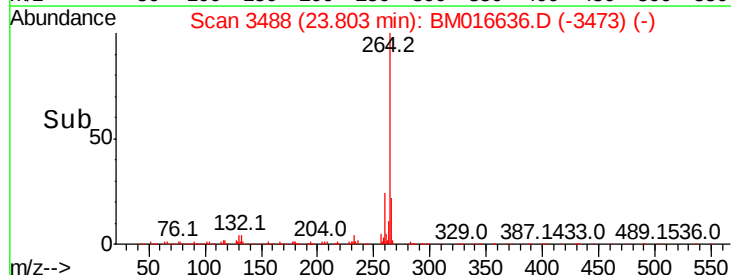
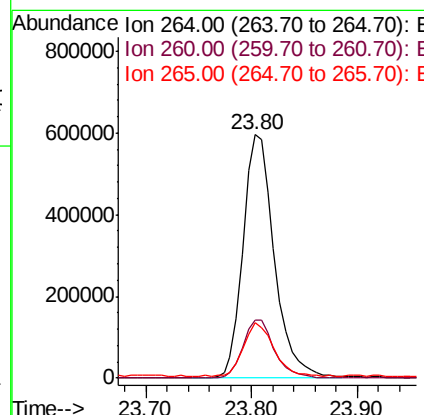
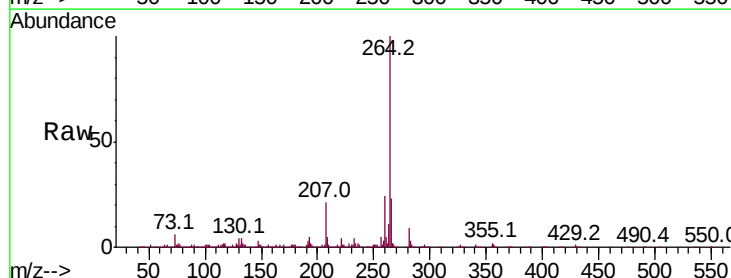
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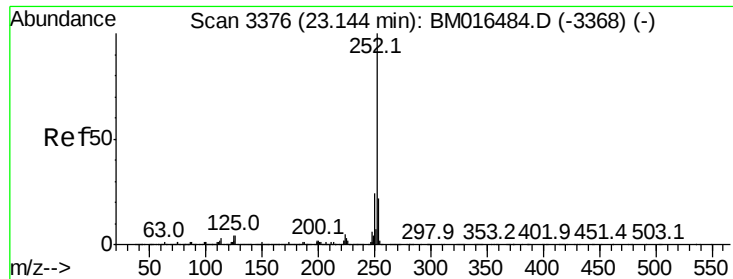
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.80 min Scan# 3488  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.9  | 18.6  | 27.8  |
| 265     | 22.6  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 40.206 ng

RT: 23.12 min Scan# 3372

Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

Instrument :

BNA\_M

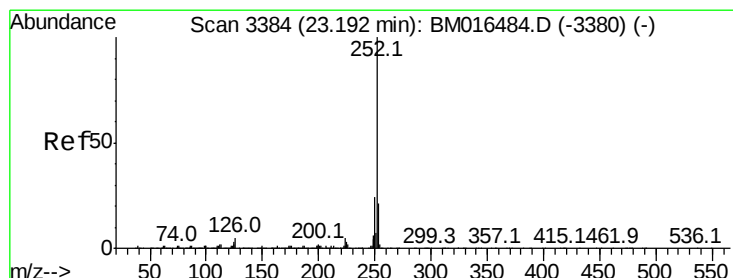
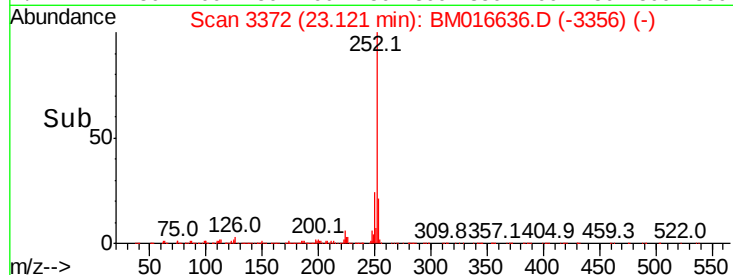
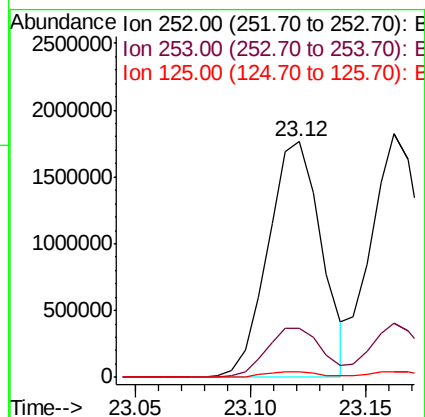
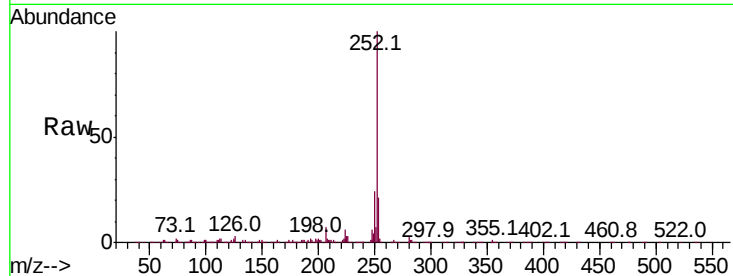
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.0  | 18.0  | 27.0  |
| 125     | 2.2   | 9.9   | 14.9# |

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#88

Benzo(k)fluoranthene

Concen: 40.735 ng

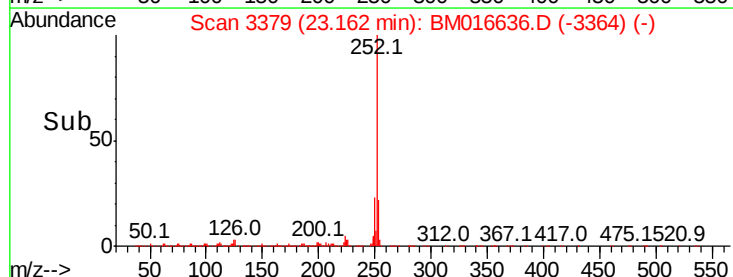
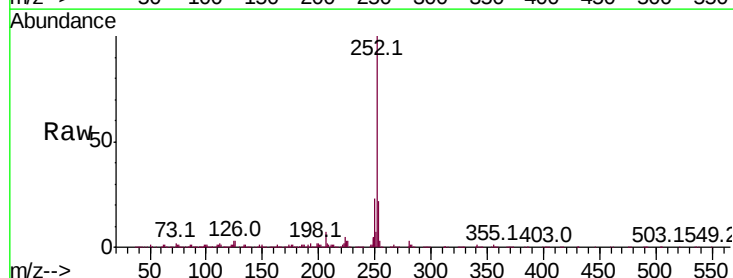
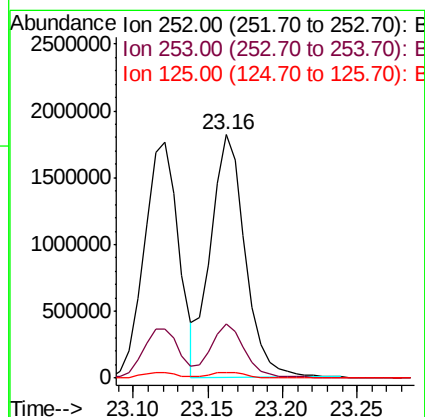
RT: 23.16 min Scan# 3379

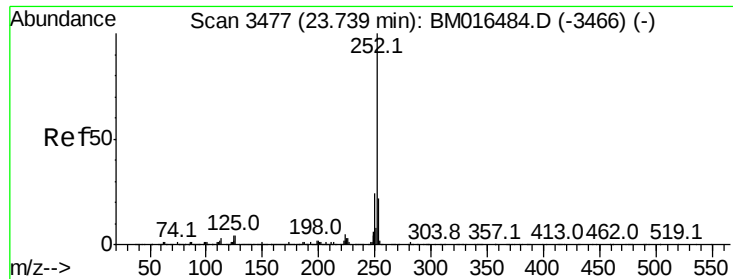
Delta R.T. -0.01 min

Lab File: BM016636.D

Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.2  | 25.8  |
| 125     | 2.5   | 8.1   | 12.1# |





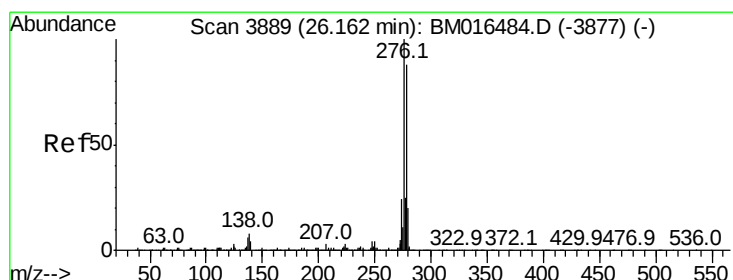
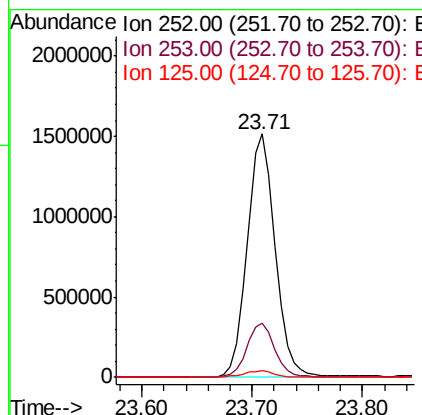
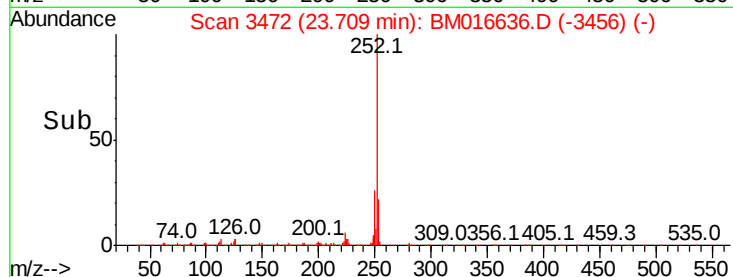
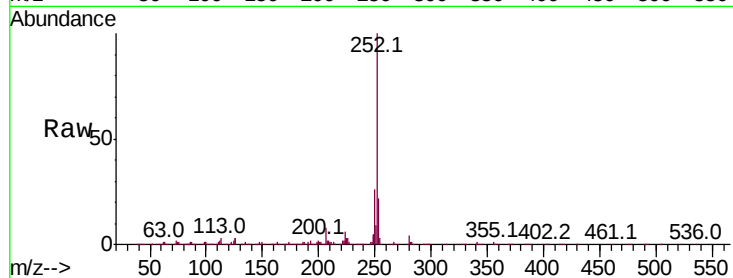
#89  
Benzo(a)pyrene  
Concen: 39.288 ng  
RT: 23.71 min Scan# 3472  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.6  | 26.4  |
| 125     | 2.9   | 7.4   | 11.2  |

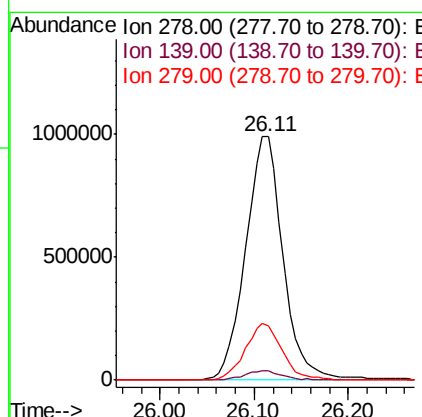
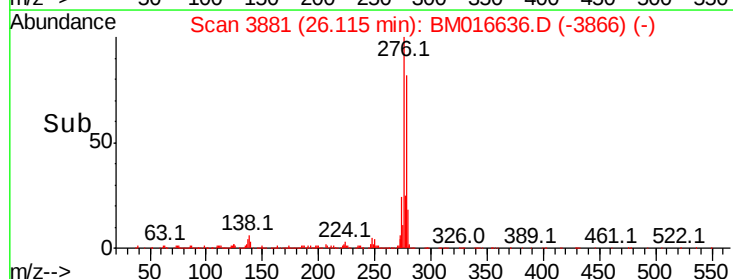
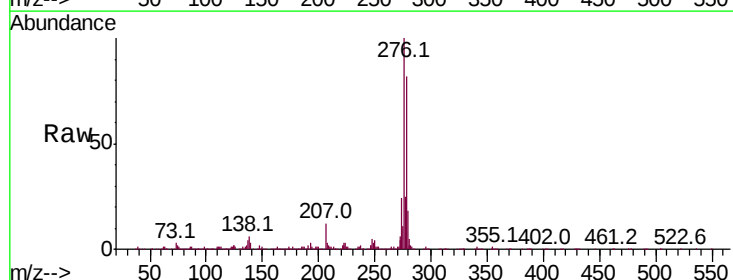
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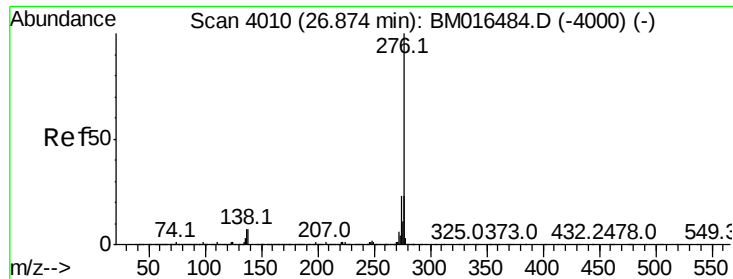
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#90  
Dibenzo(a,h)anthracene  
Concen: 35.442 ng  
RT: 26.11 min Scan# 3881  
Delta R.T. -0.01 min  
Lab File: BM016636.D  
Acq: 31 Aug 2018 14:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 3.9   | 13.4  | 20.0  |
| 279     | 22.2  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 35.632 ng  
 RT: 26.83 min Scan# 4002  
 Delta R.T. -0.01 min  
 Lab File: BM016636.D  
 Acq: 31 Aug 2018 14:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 18.5  | 27.7  |
| 138     | 4.8   | 19.0  | 28.6  |

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