

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111418\  
 Data File : BM017644.D  
 Acq On : 14 Nov 2018 13:12  
 Operator : MJ/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil

11/15/2018 4:20:19 PM

Quant Time: Nov 14 14:39:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.61  | 152  | 202235   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.39 | 136  | 916303   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.26 | 164  | 556770   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.02 | 188  | 1274868  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.22 | 240  | 1284828  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.40 | 264  | 1013619  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.23  | 112  | 858015   | 71.60 | ng    | 0.00     |
| 7) Phenol-d6                | 6.80  | 99   | 1205487  | 72.03 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.77  | 82   | 1314697  | 74.07 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.76 | 330  | 602043   | 75.26 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.87 | 172  | 3115830  | 72.60 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.66 | 244  | 4393550  | 77.50 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.23  | 88   | 169870   | 34.037 | ng    | 99     |
| 3) Pyridine                    | 3.61  | 79   | 512177   | 34.986 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.53  | 42   | 242493   | 37.604 | ng    | 96     |
| 6) Aniline                     | 6.96  | 93   | 747352   | 36.009 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.18  | 128  | 521358   | 36.354 | ng    | 99     |
| 9) Benzaldehyde                | 6.77  | 77   | 427306   | 35.048 | ng    | 94     |
| 10) Phenol                     | 6.83  | 94   | 636728   | 36.246 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.06  | 93   | 501677   | 36.176 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.50  | 146  | 584487   | 36.326 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 7.65  | 146  | 596581   | 36.174 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 7.96  | 146  | 584668   | 36.561 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.86  | 79   | 497404   | 37.319 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.15  | 45   | 765770   | 36.268 | ng    | 100    |
| 17) 2-Methylphenol             | 8.06  | 107  | 434102   | 36.682 | ng    | 98     |
| 18) Hexachloroethane           | 8.67  | 117  | 219620   | 37.783 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.42  | 70   | 444324   | 36.974 | ng    | 97     |
| 20) 3+4-Methylphenols          | 8.39  | 107  | 601745   | 36.597 | ng    | 99     |
| 22) Acetophenone               | 8.43  | 105  | 833538   | 36.448 | ng    | 98     |
| 24) Nitrobenzene               | 8.81  | 77   | 656444   | 36.453 | ng    | 99     |
| 25) Isophorone                 | 9.33  | 82   | 1003571  | 36.608 | ng    | 100    |
| 26) 2-Nitrophenol              | 9.52  | 139  | 306014   | 36.892 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 9.58  | 122  | 432344   | 36.166 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.82  | 93   | 677356   | 36.482 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.04 | 162  | 522619   | 37.660 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.25 | 180  | 590124   | 36.563 | ng    | 95     |
| 31) Naphthalene                | 10.43 | 128  | 1635728  | 36.308 | ng    | 99     |
| 32) Benzoic acid               | 9.75  | 122  | 372859m  | 34.432 | ng    |        |
| 33) 4-Chloroaniline            | 10.56 | 127  | 734446   | 37.225 | ng    | 97     |
| 34) Hexachlorobutadiene        | 10.71 | 225  | 373411   | 37.267 | ng    | 98     |
| 35) Caprolactam                | 11.36 | 113  | 183542   | 35.915 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.69 | 107  | 597268   | 37.278 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.05 | 142  | 1167272  | 36.659 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.27 | 142  | 1142059  | 36.580 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216  | 711437   | 36.236 | ng    | 100    |

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 Data File : BM017644.D  
 Acq On : 14 Nov 2018 13:12  
 Operator : MJ/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil

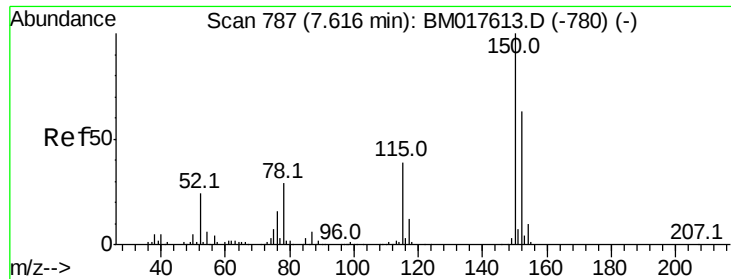
11/15/2018 4:20:19 PM

Quant Time: Nov 14 14:39:25 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 18:37:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.40 | 237  | 359258   | 35.412 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.68 | 196  | 453380   | 36.867 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.75 | 196  | 475549   | 36.624 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.09 | 154  | 1806182  | 36.141 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.12 | 162  | 1348937  | 36.365 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.35 | 65   | 437096   | 38.102 | ng    | 96       |
| 49) Acenaphthylene             | 13.98 | 152  | 2036852  | 36.547 | ng    | 99       |
| 50) Dimethylphthalate          | 13.73 | 163  | 1636619  | 36.154 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.85 | 165  | 373953   | 37.099 | ng    | 95       |
| 52) Acenaphthene               | 14.32 | 154  | 1246256  | 36.437 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.19 | 138  | 388568   | 35.407 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.39 | 184  | 179422   | 33.683 | ng    | 93       |
| 55) Dibenzofuran               | 14.66 | 168  | 2039300  | 36.484 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.50 | 139  | 288683   | 34.312 | ng    | 94       |
| 57) 2,4-Dinitrotoluene         | 14.65 | 165  | 527803   | 38.845 | ng    | 99       |
| 58) Fluorene                   | 15.32 | 166  | 1566811  | 36.615 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 444134   | 37.188 | ng    | 98       |
| 60) Diethylphthalate           | 15.10 | 149  | 1745330  | 35.684 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.32 | 204  | 883453   | 36.339 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.36 | 138  | 374630   | 36.221 | ng    | 98       |
| 63) Azobenzene                 | 15.61 | 77   | 1700920  | 37.619 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.41 | 198  | 314263   | 35.584 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.53 | 169  | 1508314  | 36.798 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.21 | 248  | 555110   | 36.816 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.32 | 284  | 617076   | 36.304 | ng    | 98       |
| 69) Atrazine                   | 16.50 | 200  | 563469   | 37.376 | ng    | 97       |
| 70) Pentachlorophenol          | 16.67 | 266  | 425179   | 35.700 | ng    | 97       |
| 71) Phenanthrene               | 17.06 | 178  | 2534715  | 36.641 | ng    | 100      |
| 72) Anthracene                 | 17.14 | 178  | 2514385  | 37.352 | ng    | 99       |
| 73) Carbazole                  | 17.43 | 167  | 2561134  | 37.652 | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.99 | 149  | 2854648  | 37.699 | ng    | 99       |
| 75) Fluoranthene               | 19.08 | 202  | 2890106  | 36.924 | ng    | 99       |
| 77) Benzidine                  | 19.28 | 184  | 1273649  | 30.442 | ng    | 100      |
| 78) Pyrene                     | 19.44 | 202  | 3061444  | 38.618 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.36 | 149  | 1267045  | 39.351 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.20 | 228  | 2723995  | 36.800 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.14 | 252  | 1023763  | 35.836 | ng    | 98       |
| 83) Chrysene                   | 21.25 | 228  | 2639499  | 36.714 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.14 | 149  | 1783547  | 37.470 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.00 | 149  | 2768465  | 36.322 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.59 | 276  | 2053485  | 35.743 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.75 | 252  | 2329663  | 39.246 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.79 | 252  | 2178982  | 36.318 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.31 | 252  | 2024700  | 37.408 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.60 | 278  | 1746202  | 38.375 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.26 | 276  | 1671640  | 39.066 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.61 min Scan# 786  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

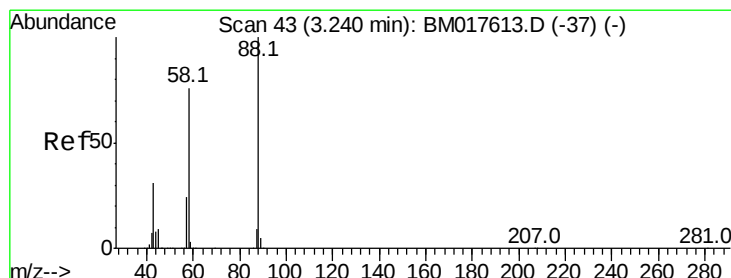
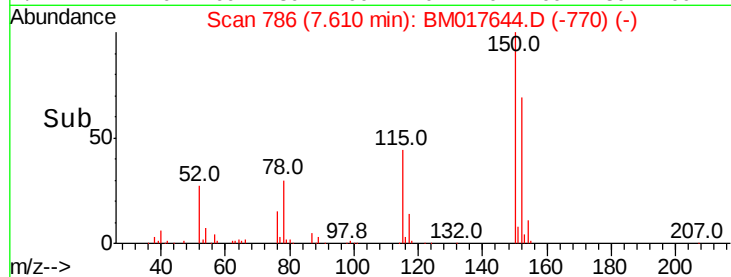
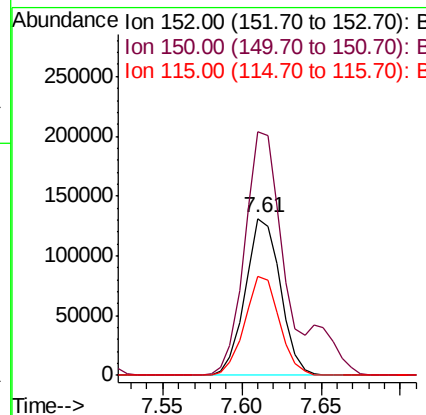
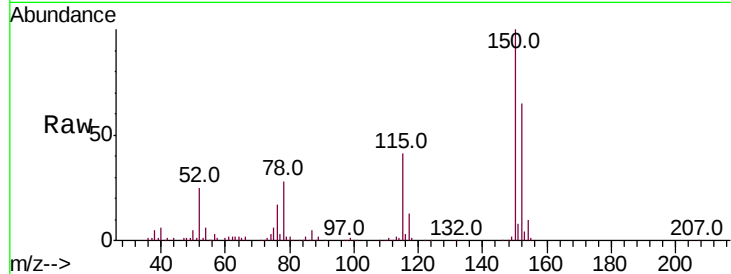
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.0 | 126.4 | 189.6 |
| 115     | 63.0  | 49.4  | 74.0  |

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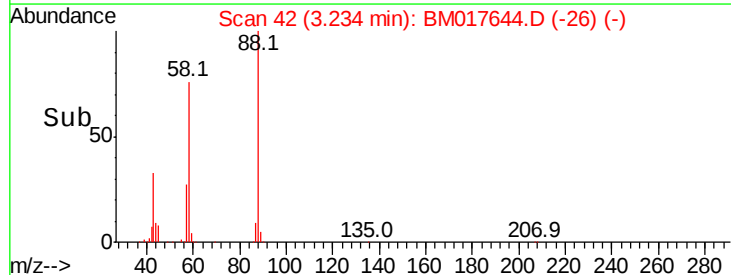
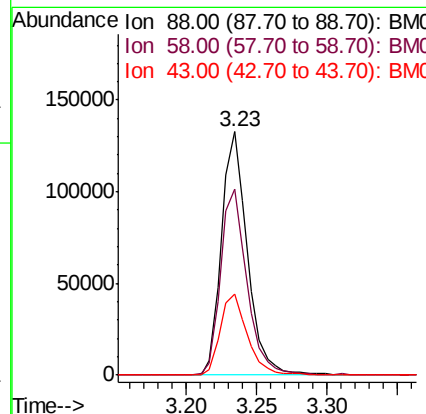
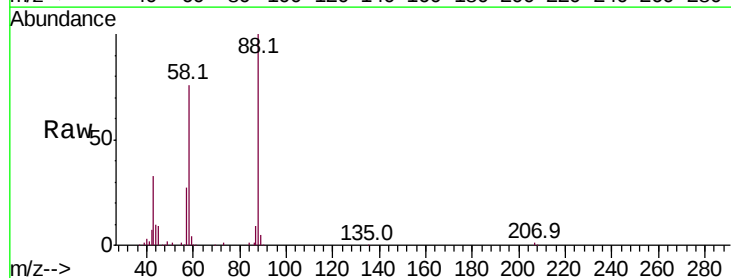
11/15/2018 4:20:19 PM

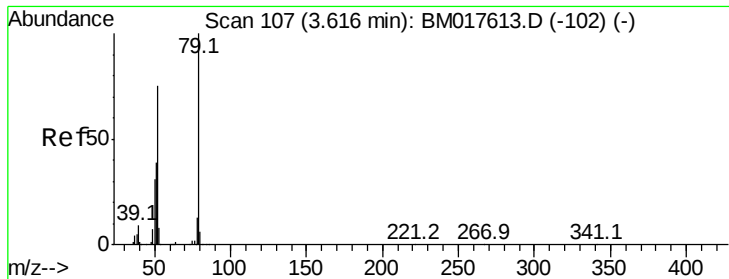


#2

1,4-Dioxane  
Concen: 34.037 ng  
RT: 3.23 min Scan# 42  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 77.6  | 62.0  | 93.0  |
| 43      | 34.9  | 26.8  | 40.2  |





#3

Pvridine

Concen: 34.986 ng

RT: 3.61 min Scan# 106

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

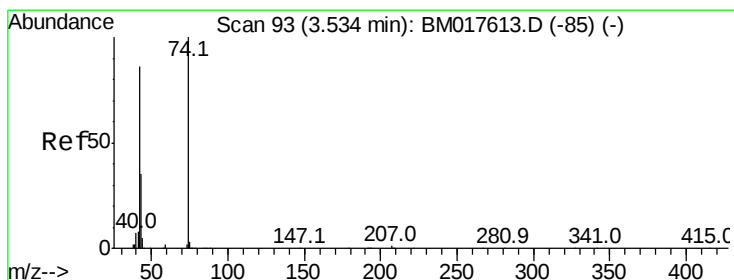
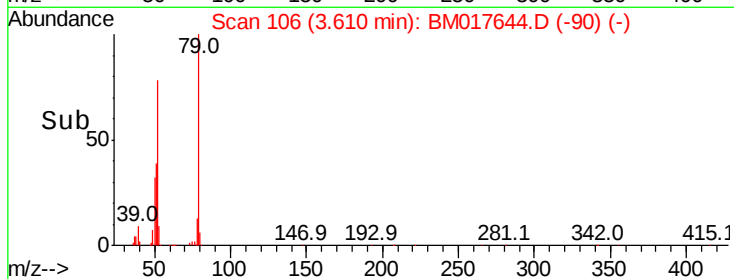
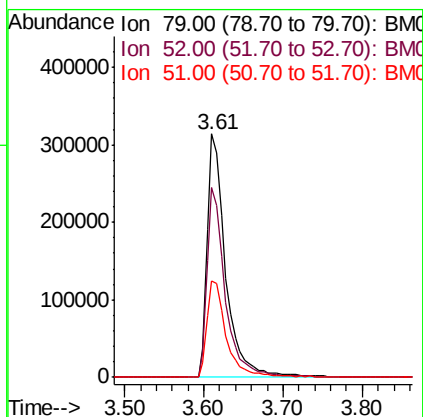
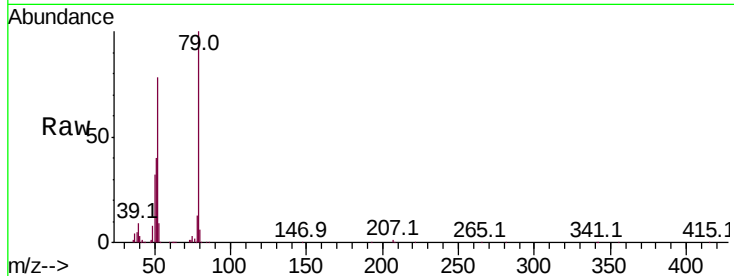
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 512177 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 78.0  | 60.1  | 90.1   |
| 51        | 39.6  | 31.1  | 46.7   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 37.604 ng

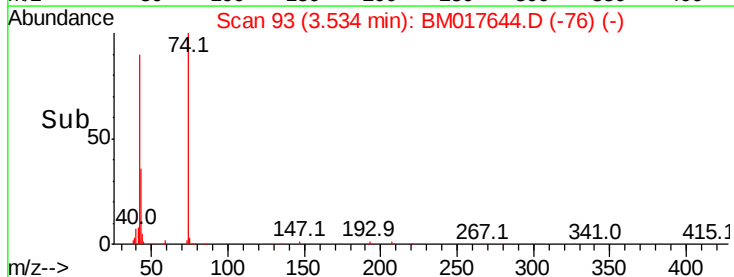
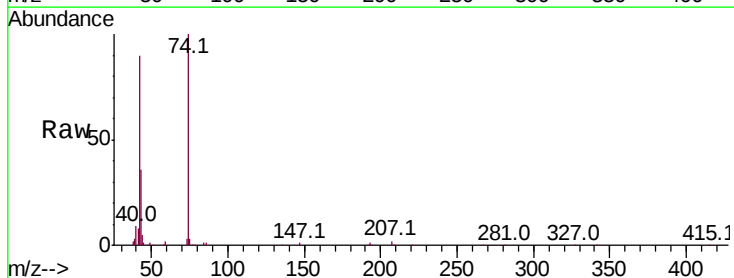
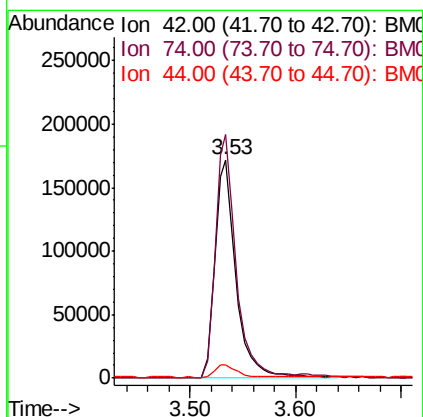
RT: 3.53 min Scan# 93

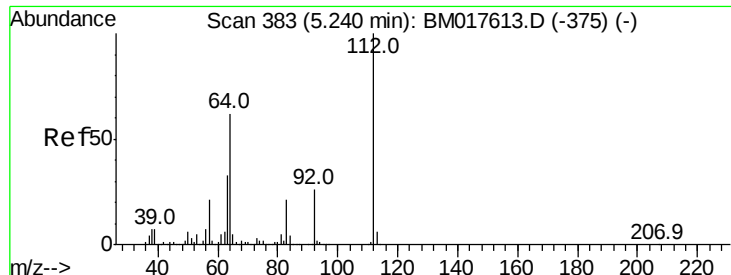
Delta R.T. 0.00 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 242493 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 111.4 | 93.1  | 139.7  |
| 44        | 6.0   | 5.0   | 7.6    |





#5

2-Fluorophenol

Concen: 71.601 ng

RT: 5.23 min Scan# 382

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

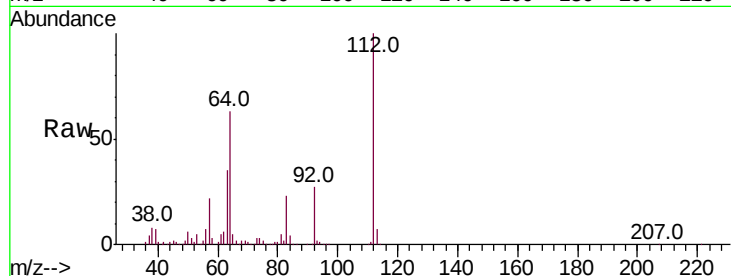
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 858015 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 63.3  | 49.3  | 73.9   |
| 63        | 35.5  | 26.2  | 39.4   |

Manual Integrations  
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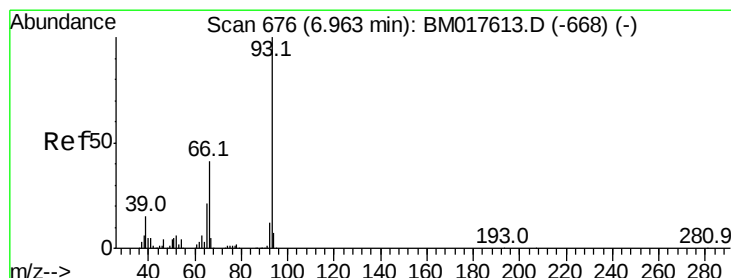
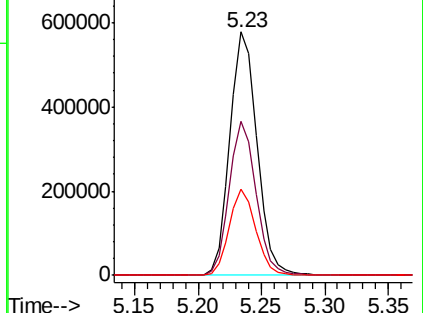
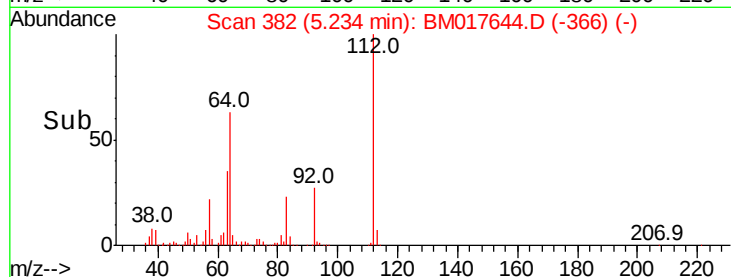
11/15/2018 4:20:19 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 36.009 ng

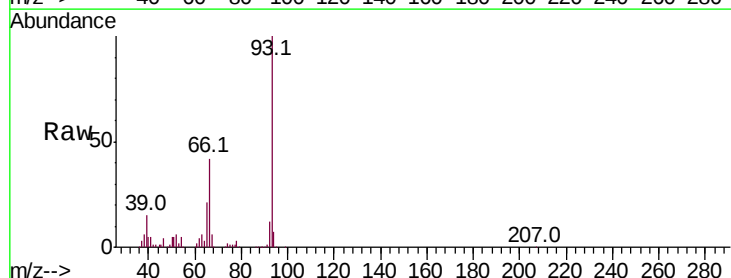
RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

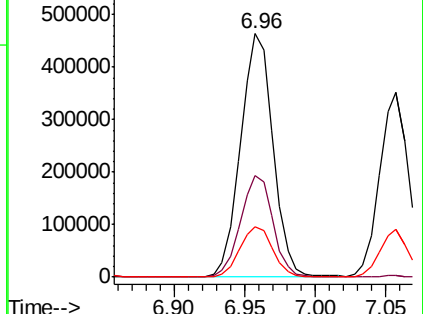
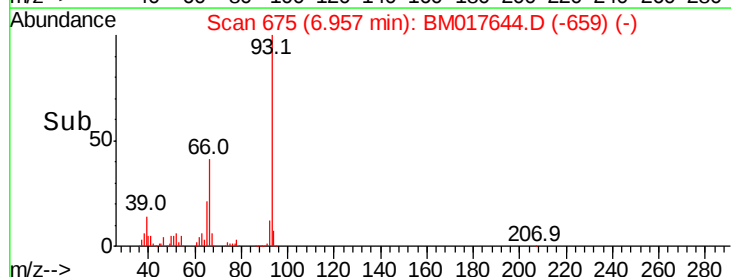
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 747352 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.6  | 32.8  | 49.2   |
| 65        | 20.9  | 16.6  | 25.0   |

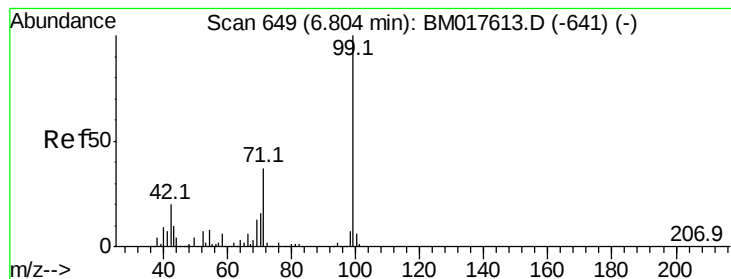


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 72.028 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1205487

Ion Ratio Lower Upper

99 100

42 22.8 16.3 24.5

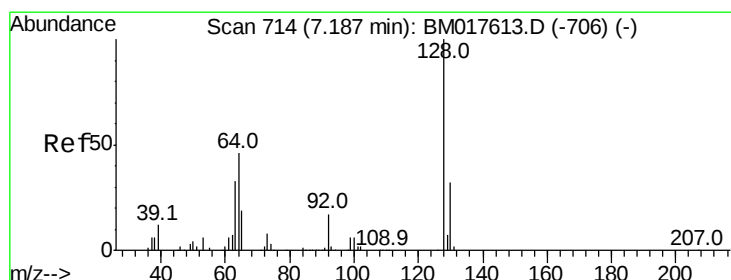
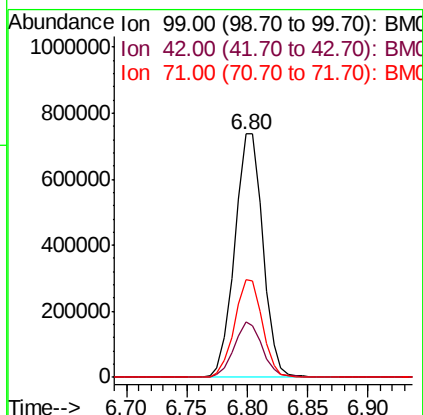
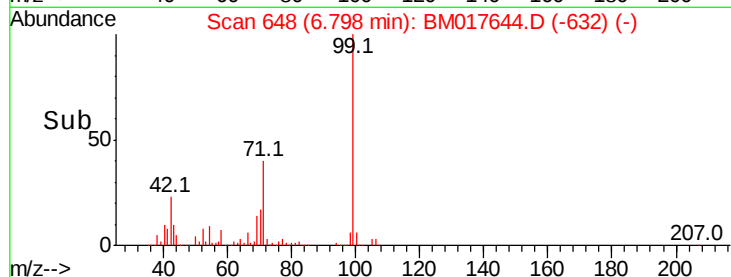
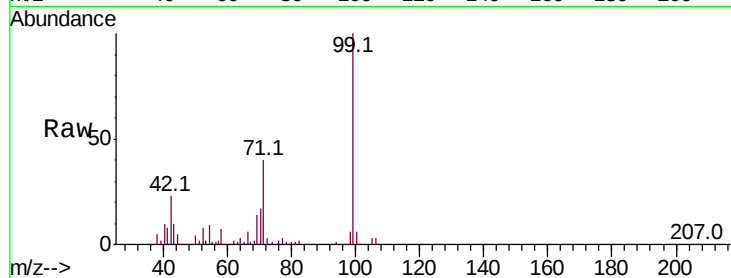
71 40.1 29.8 44.8

Manual Integrations

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#8

2-Chlorophenol

Concen: 36.354 ng

RT: 7.18 min Scan# 713

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

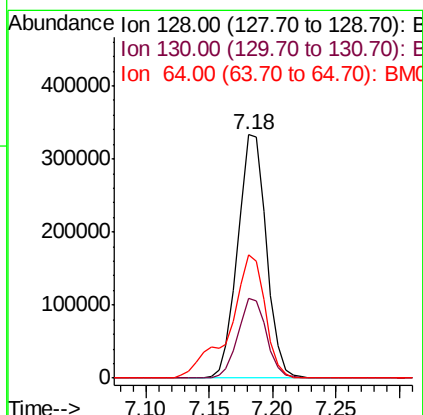
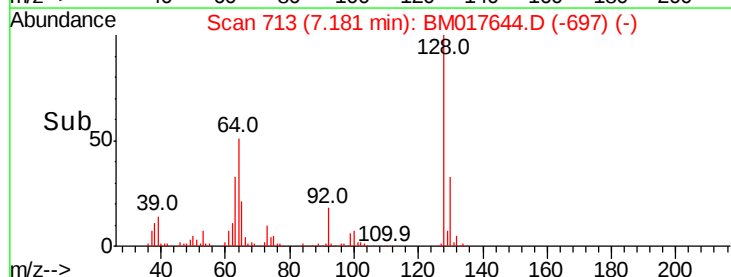
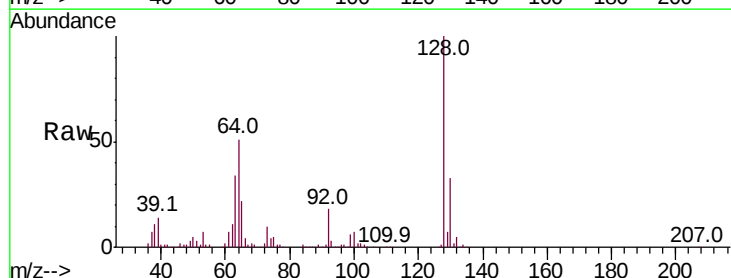
Tgt Ion:128 Resp: 521358

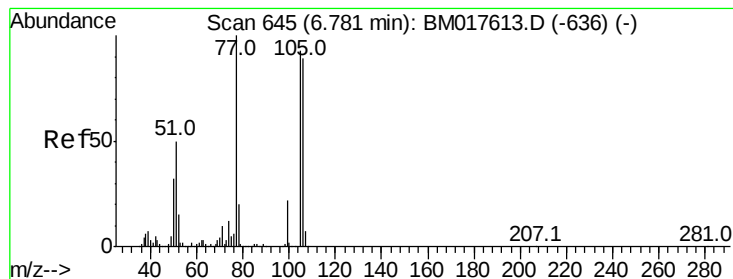
Ion Ratio Lower Upper

128 100

130 32.8 12.4 52.4

64 50.7 30.0 70.0





#9

Benzaldehyde

Concen: 35.048 ng

RT: 6.77 min Scan# 644

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

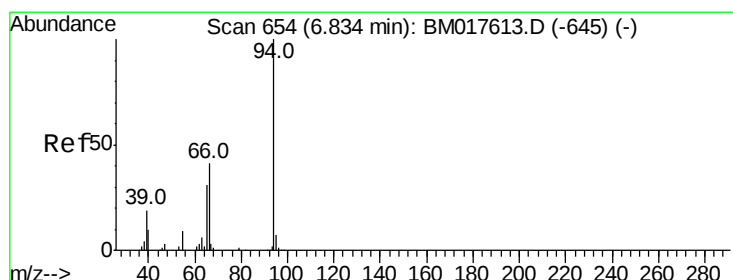
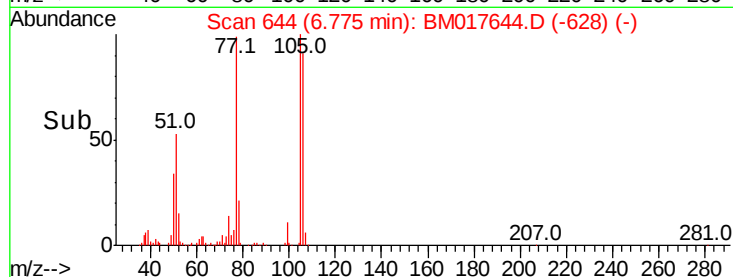
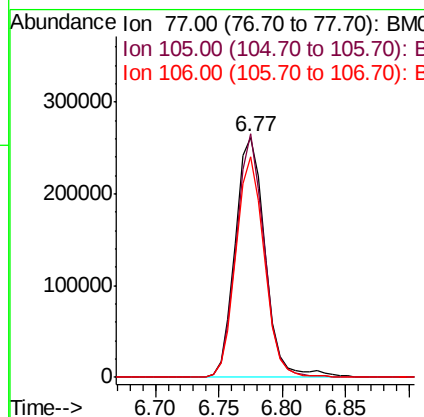
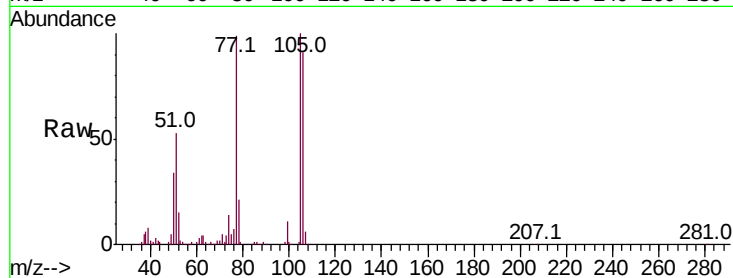
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 427306 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 101.3 | 72.7  | 112.7  |
| 106      | 92.1  | 68.9  | 108.9  |

Manual Integrations  
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Sohil

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#10

Phenol

Concen: 36.246 ng

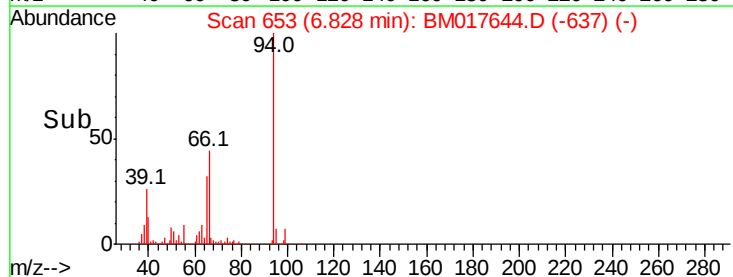
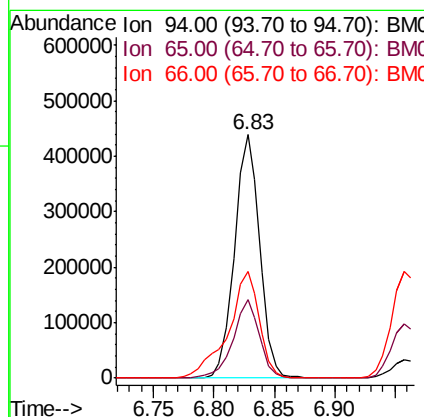
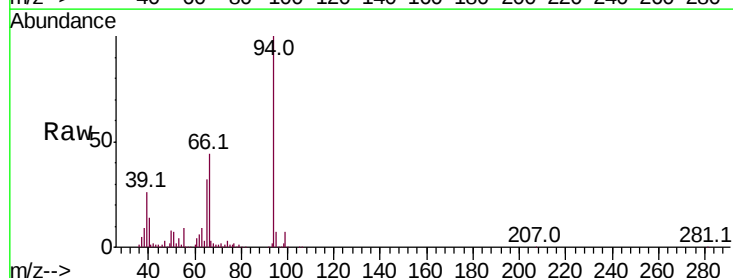
RT: 6.83 min Scan# 653

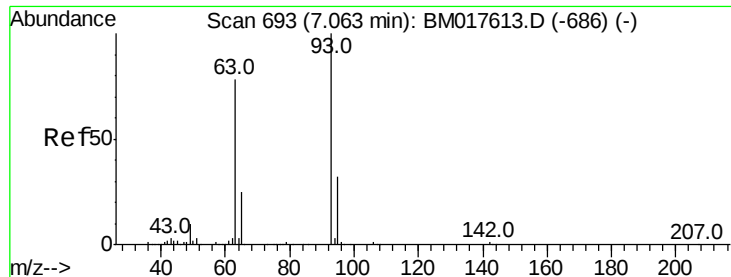
Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 636728 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 32.2  | 11.4  | 51.4   |
| 66       | 43.9  | 21.4  | 61.4   |





#11  
bis(2-Chloroethyl)ether  
Concen: 36.176 ng  
RT: 7.06 min Scan# 692  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

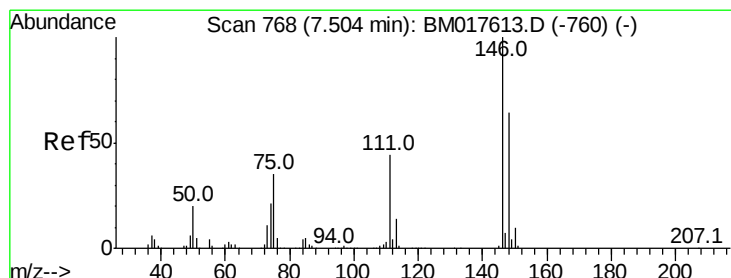
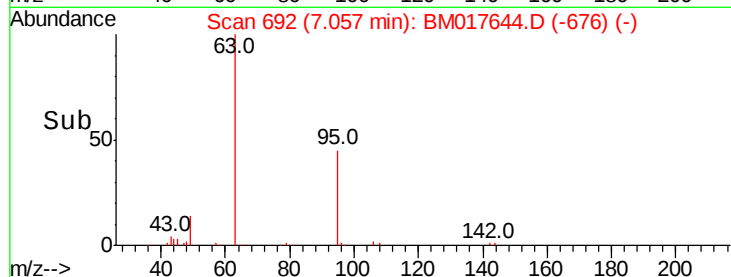
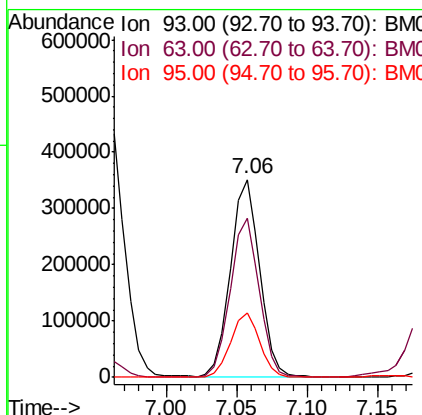
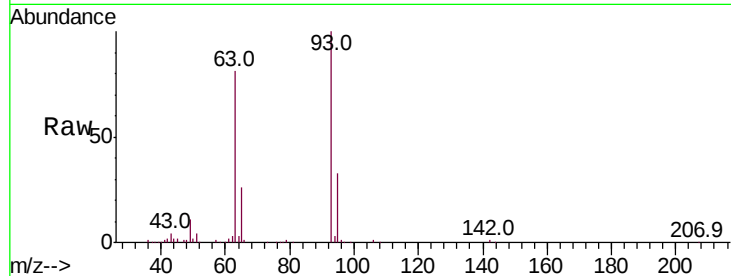
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 501677 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 80.5  | 57.9  | 97.9   |
| 95       | 32.6  | 12.3  | 52.3   |

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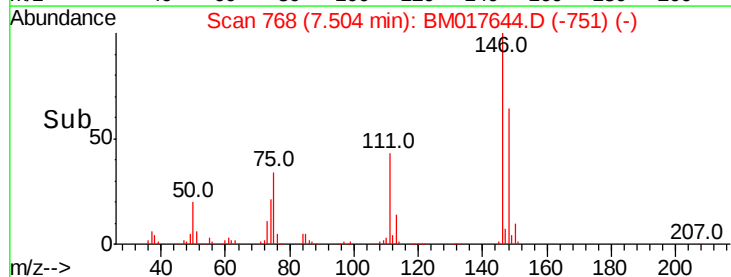
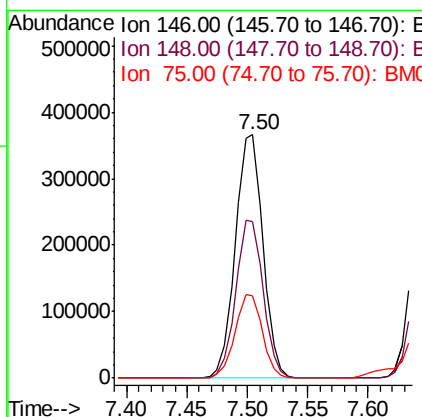
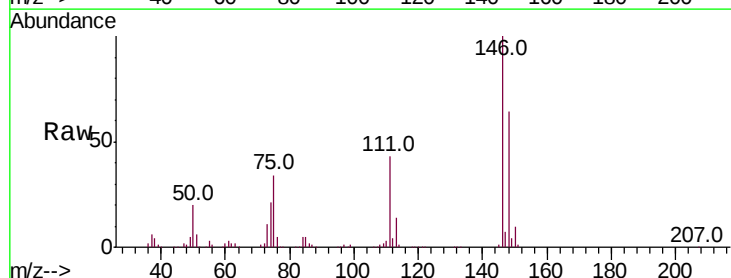
Sohil

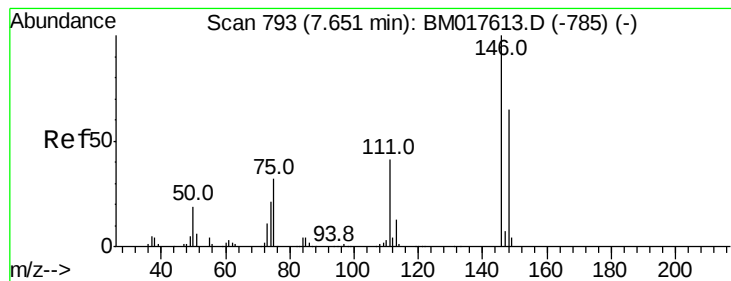
11/15/2018 4:20:19 PM



#12  
1,3-Dichlorobenzene  
Concen: 36.326 ng  
RT: 7.50 min Scan# 768  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 584487 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.1  | 51.2  | 76.8   |
| 75       | 33.6  | 28.2  | 42.2   |





#13

1,4-Dichlorobenzene

Concen: 36.174 ng

RT: 7.65 min Scan# 792

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

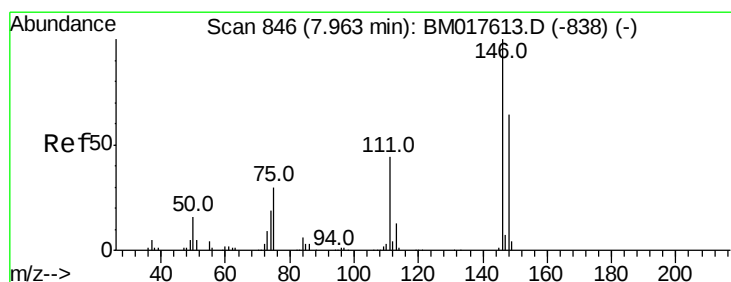
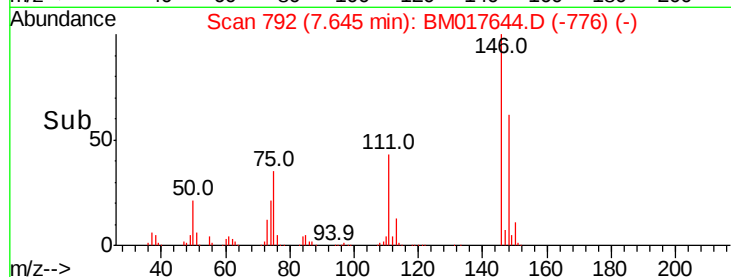
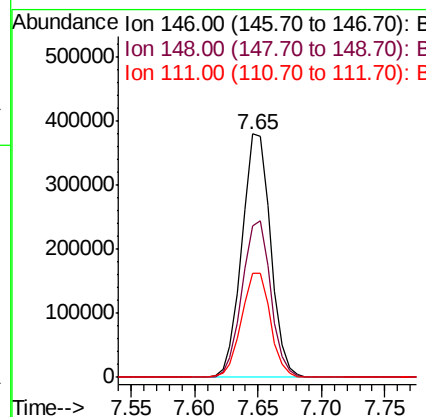
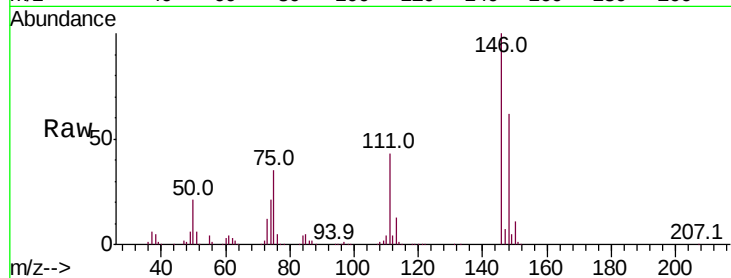
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 596581 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.3  | 52.0  | 78.0   |
| 111       | 42.9  | 33.2  | 49.8   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 36.561 ng

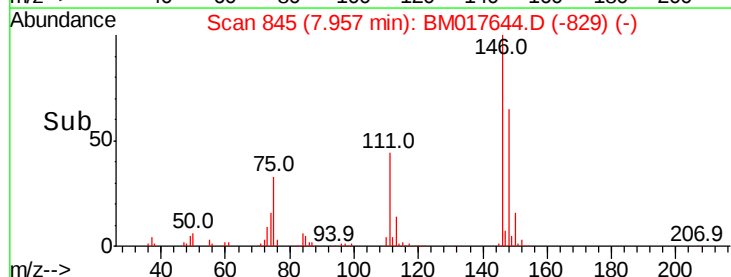
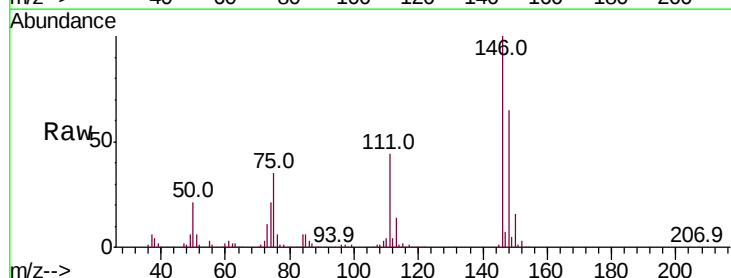
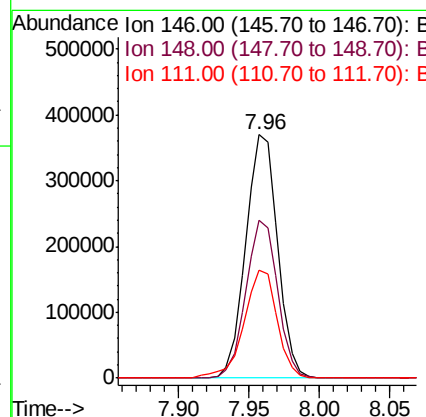
RT: 7.96 min Scan# 845

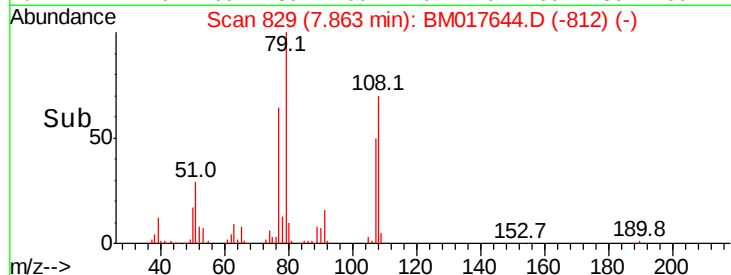
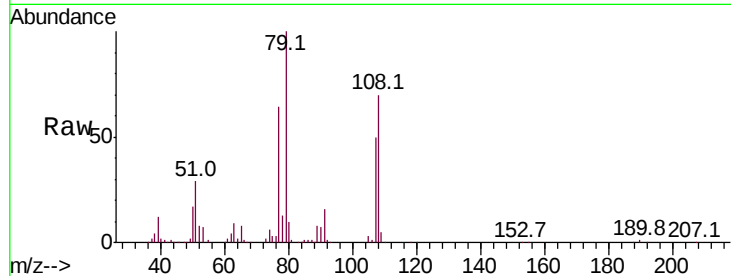
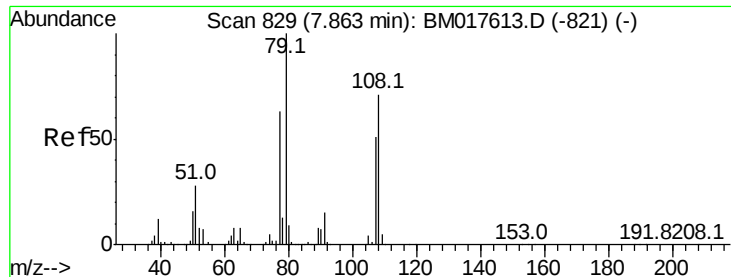
Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 584668 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.0  | 51.6  | 77.4   |
| 111       | 44.2  | 35.8  | 53.8   |





#15  
Benzyl Alcohol  
Concen: 37.319 ng  
RT: 7.86 min Scan# 829  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

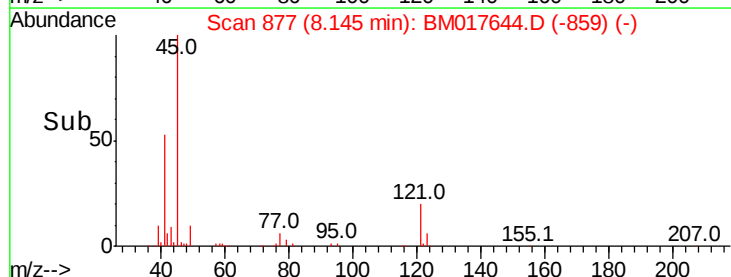
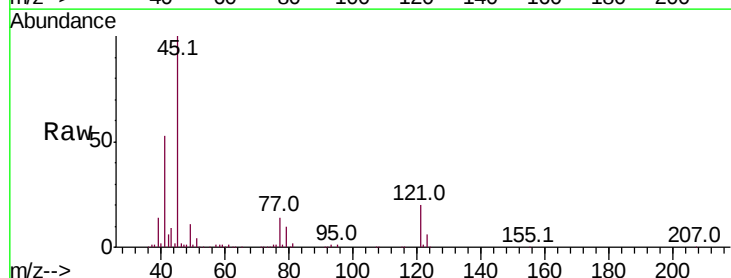
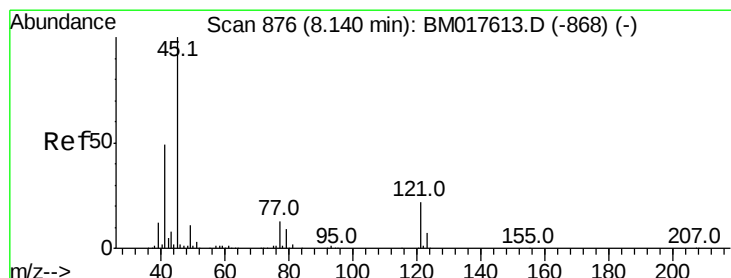
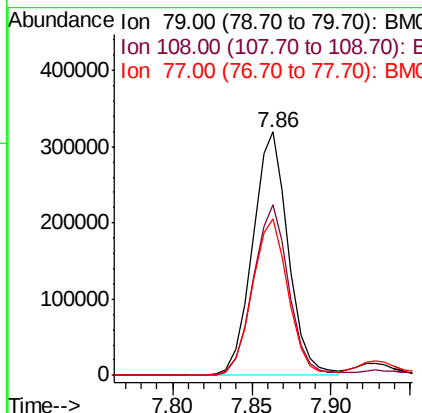
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 497404 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 69.9  | 57.1  | 85.7   |
| 77        | 64.2  | 50.4  | 75.6   |

Instrument :  
BNA\_M  
ClientSampled :  
SSTDCCC040

Manual Integrations  
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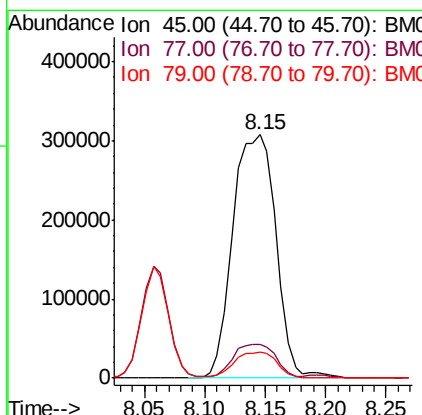
Sohil

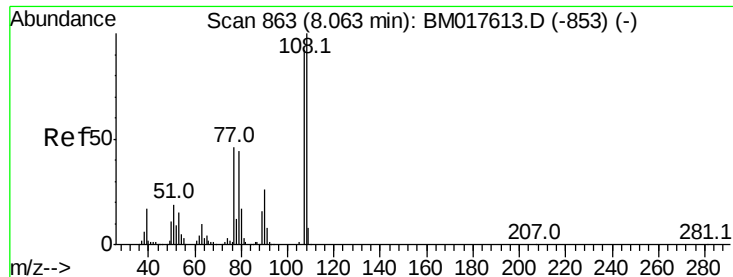
11/15/2018 4:20:19 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.268 ng  
RT: 8.15 min Scan# 877  
Delta R.T. 0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 765770 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 14.1  | 0.0   | 34.2   |
| 79        | 10.5  | 0.0   | 30.5   |





#17  
2-Methylphenol  
Concen: 36.682 ng  
RT: 8.06 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

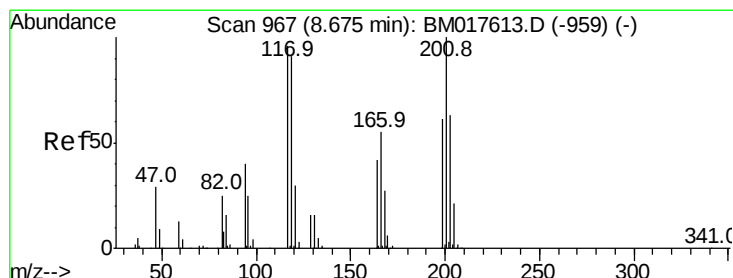
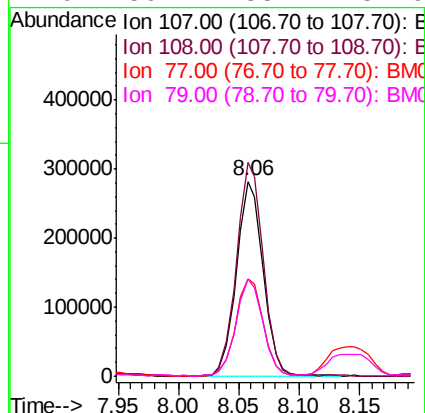
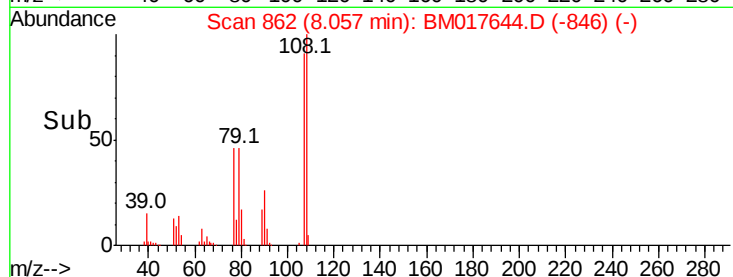
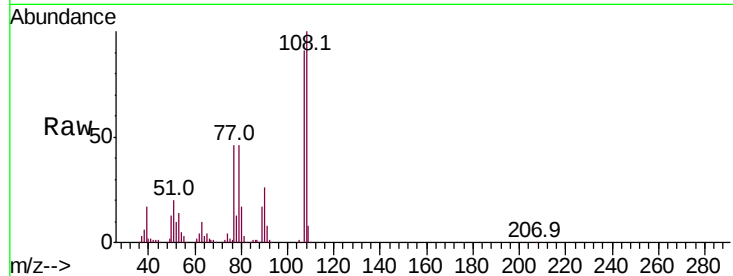
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 109.7 | 86.7 | 130.1 |       |
| 77      | 50.1  | 39.8 | 59.6  |       |
| 79      | 50.1  | 38.4 | 57.6  |       |

Manual Integrations  
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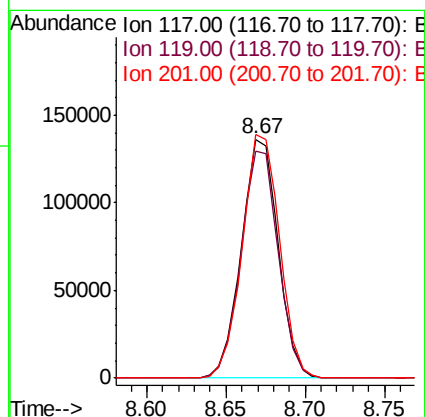
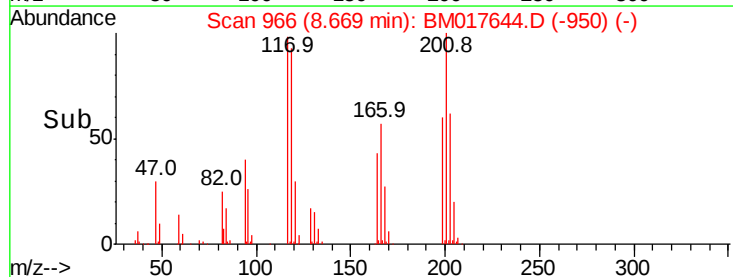
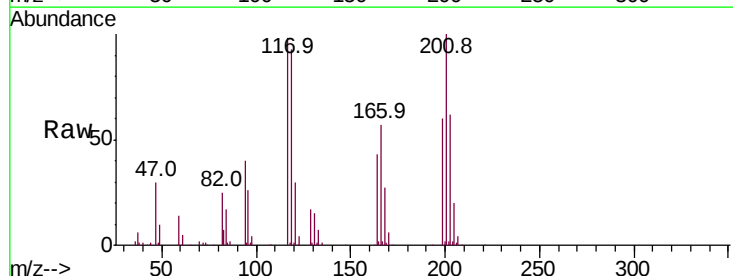
Sohil

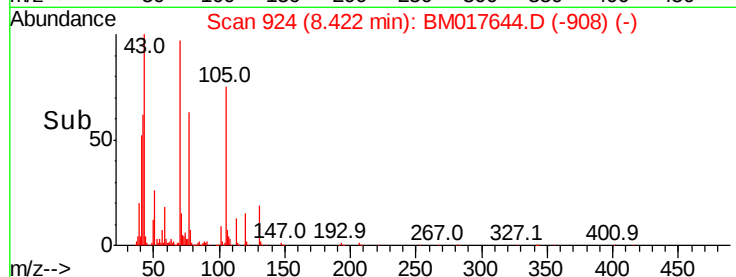
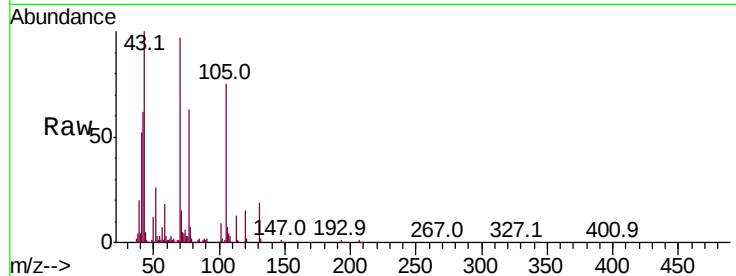
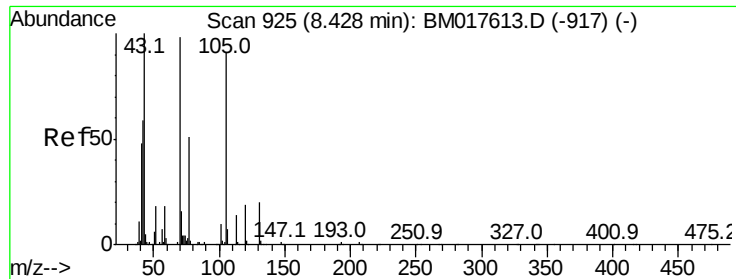
11/15/2018 4:20:19 PM



#18  
Hexachloroethane  
Concen: 37.783 ng  
RT: 8.67 min Scan# 966  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.0  | 75.8 | 113.8 |       |
| 201     | 101.8 | 83.0 | 124.4 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 36.974 ng  
RT: 8.42 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

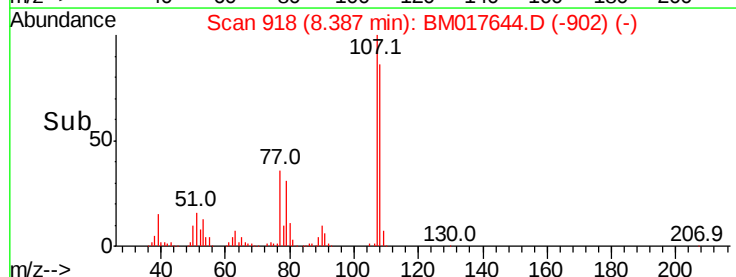
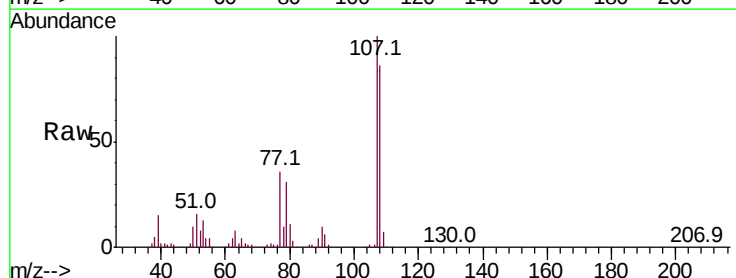
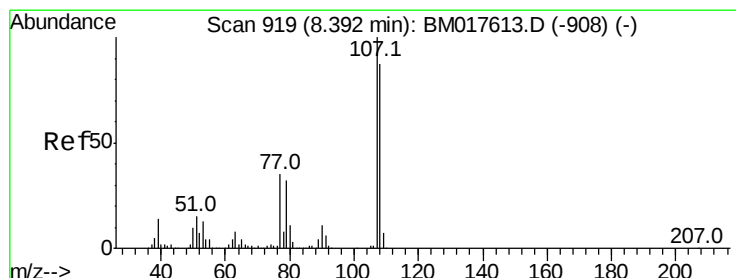
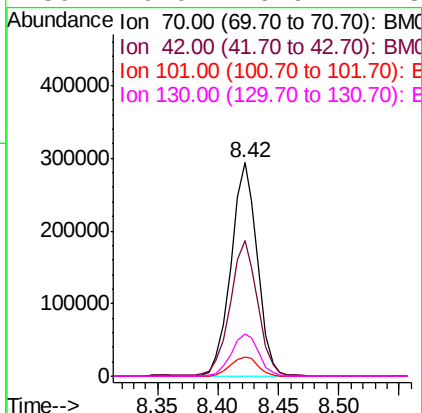
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 63.7  | 48.6  | 73.0  |
| 101     | 8.9   | 7.9   | 11.9  |
| 130     | 20.0  | 16.6  | 24.8  |

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
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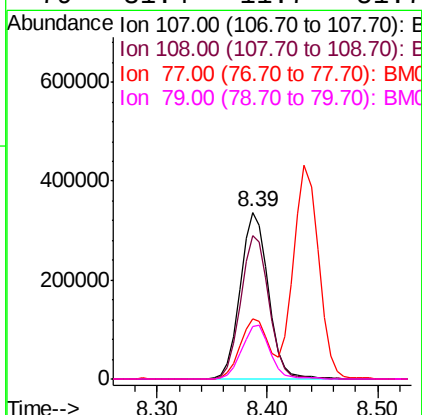
Sohil

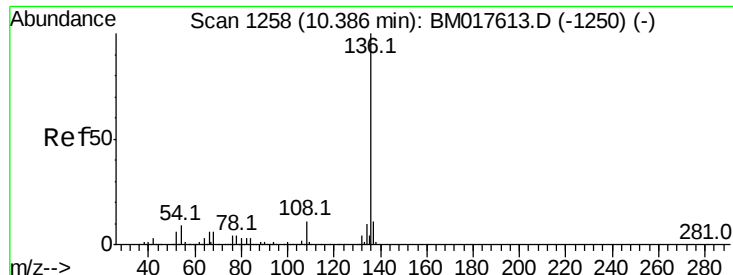
11/15/2018 4:20:19 PM



#20  
3+4-Methylphenols  
Concen: 36.597 ng  
RT: 8.39 min Scan# 918  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 86.2  | 67.0  | 107.0 |
| 77      | 36.0  | 15.6  | 55.6  |
| 79      | 31.4  | 11.7  | 51.7  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.39 min Scan# 1258  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

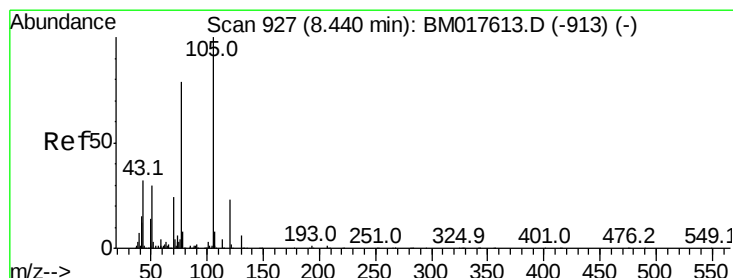
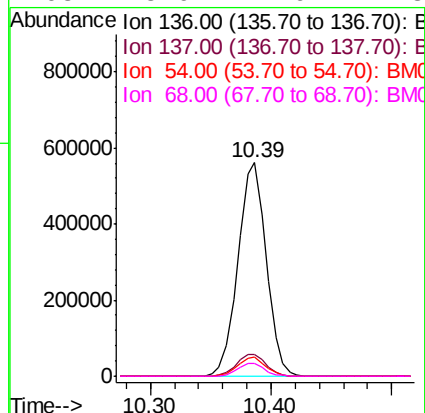
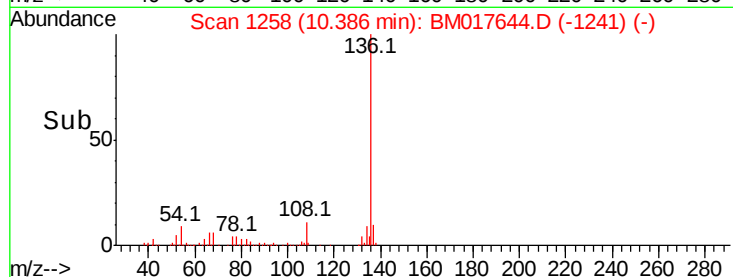
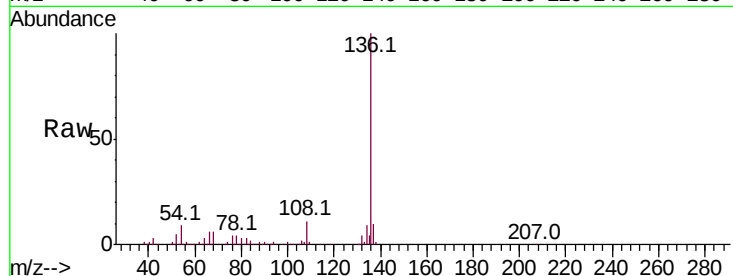
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.3  | 8.6  | 12.8  |       |
| 54      | 8.7   | 7.0  | 10.6  |       |
| 68      | 5.9   | 4.9  | 7.3   |       |

Manual Integrations  
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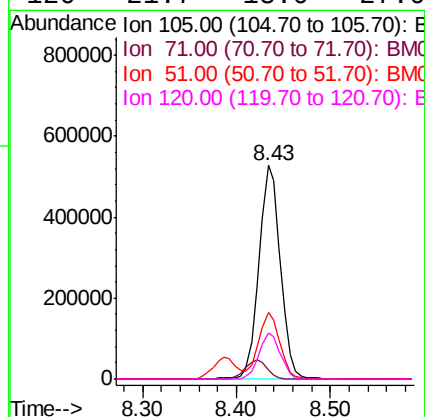
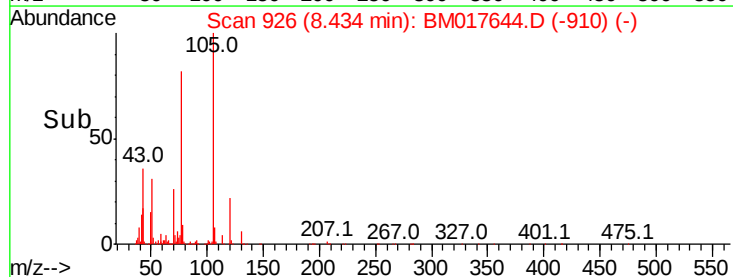
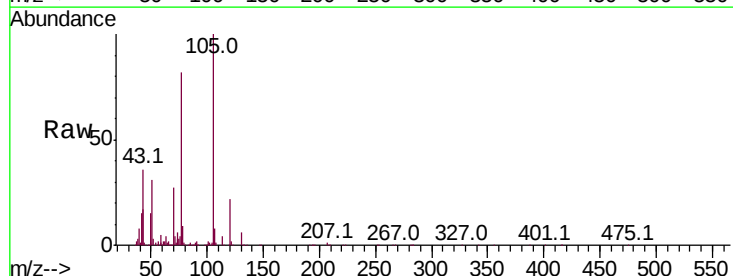
Sohil

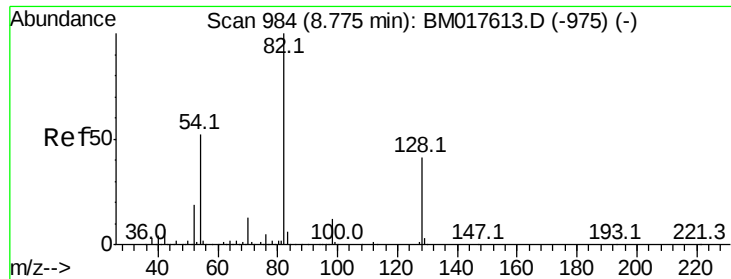
11/15/2018 4:20:19 PM



#22  
Acetophenone  
Concen: 36.448 ng  
RT: 8.43 min Scan# 926  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 4.3   | 3.1  | 4.7   |       |
| 51      | 31.3  | 23.8 | 35.8  |       |
| 120     | 21.7  | 18.0 | 27.0  |       |





#23  
Nitrobenzene-d5  
Concen: 74.071 ng  
RT: 8.77 min Scan# 983  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

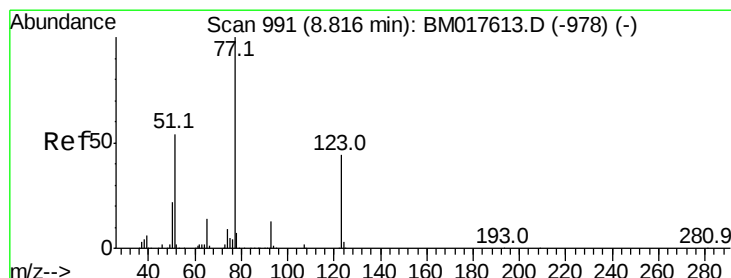
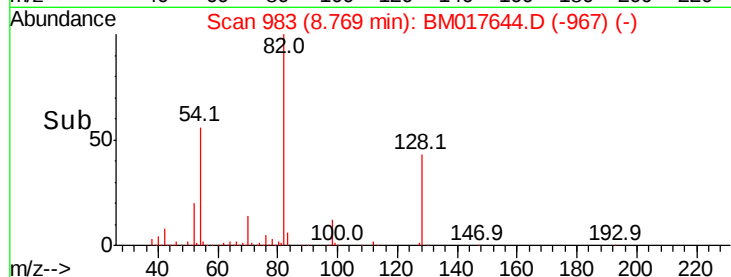
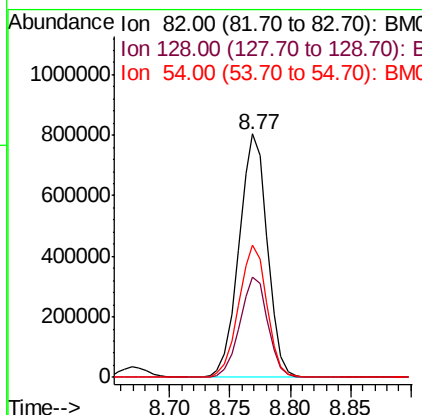
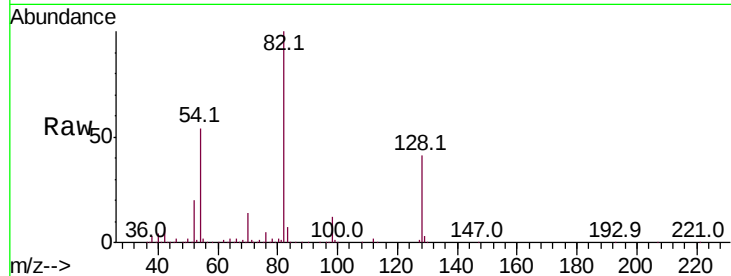
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 41.0  | 33.0  | 49.4  |
| 54      | 54.2  | 41.4  | 62.2  |

Manual Integrations  
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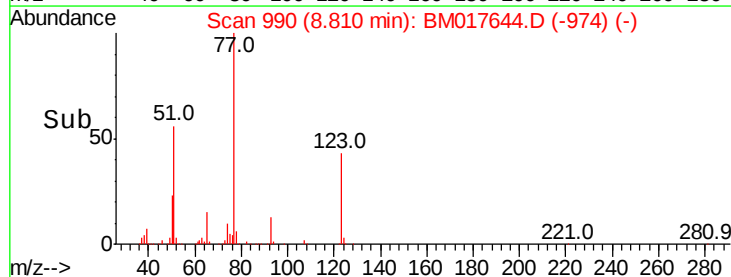
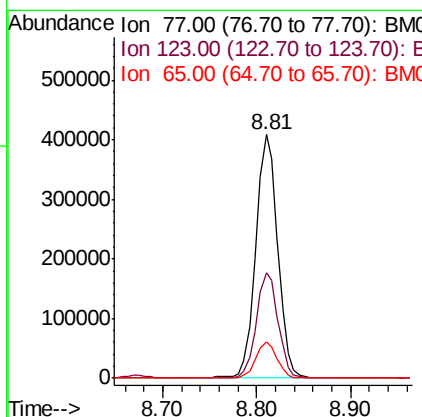
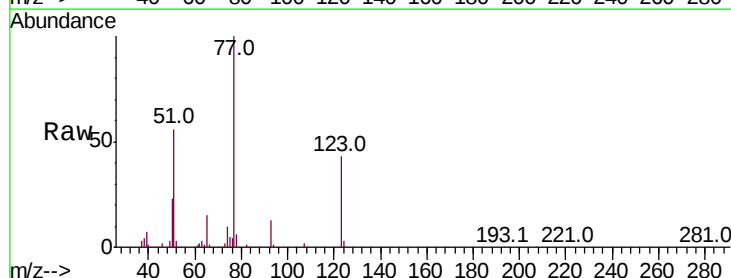
Sohil

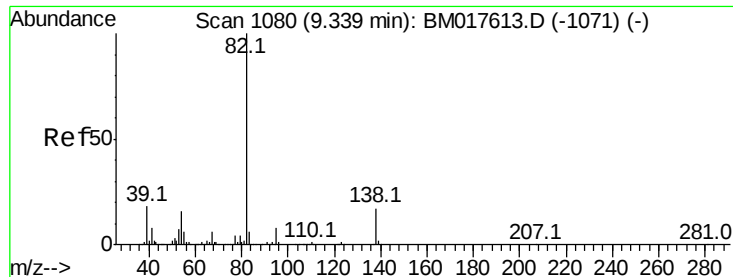
11/15/2018 4:20:19 PM



#24  
Nitrobenzene  
Concen: 36.453 ng  
RT: 8.81 min Scan# 990  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 43.1  | 35.1  | 52.7  |
| 65      | 14.7  | 11.0  | 16.6  |





#25

Isophorone

Concen: 36.608 ng

RT: 9.33 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1003571

Ion Ratio Lower Upper

82 100

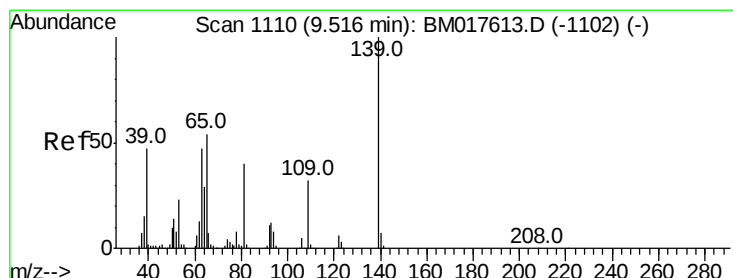
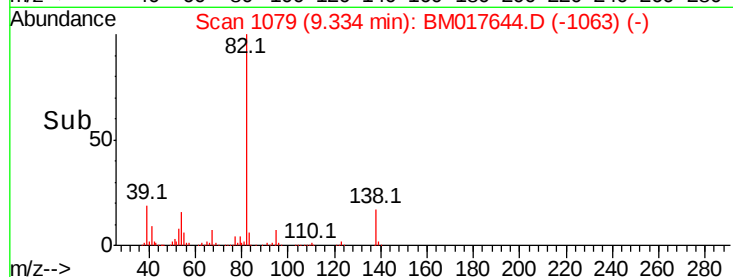
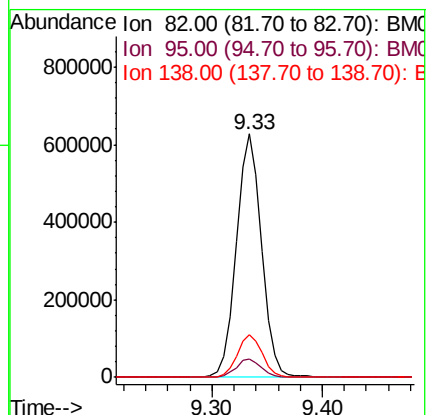
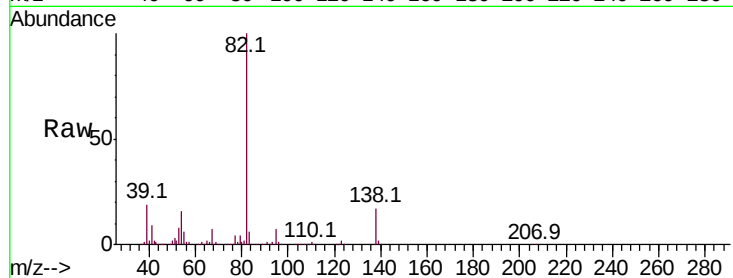
95 7.5 6.1 9.1

138 17.5 13.9 20.9

Manual Integrations  
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Sohil

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#26

2-Nitrophenol

Concen: 36.892 ng

RT: 9.52 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

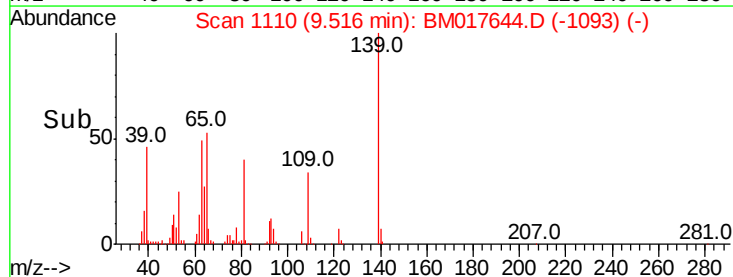
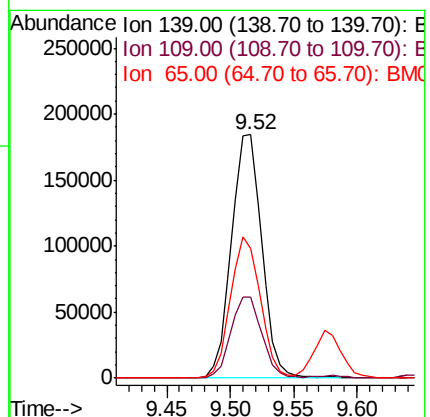
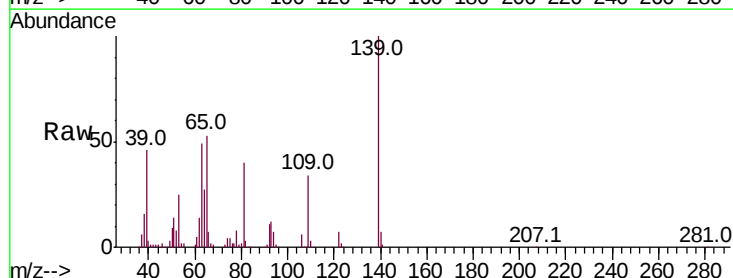
Tgt Ion: 139 Resp: 306014

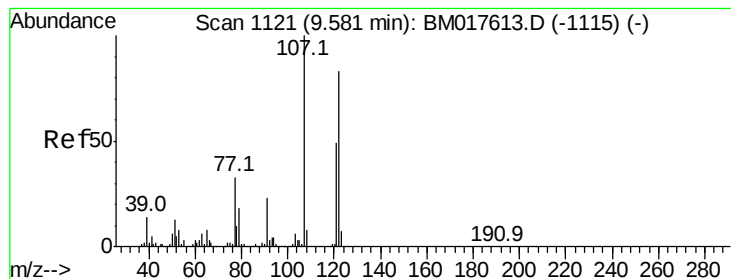
Ion Ratio Lower Upper

139 100

109 33.5 25.9 38.9

65 53.3 43.0 64.4





#27  
2,4-Dimethylphenol  
Concen: 36.166 ng  
RT: 9.58 min Scan# 1121  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

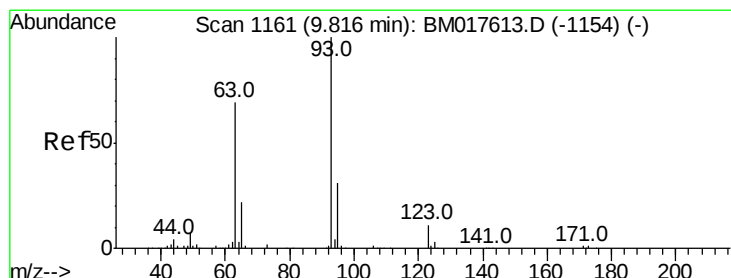
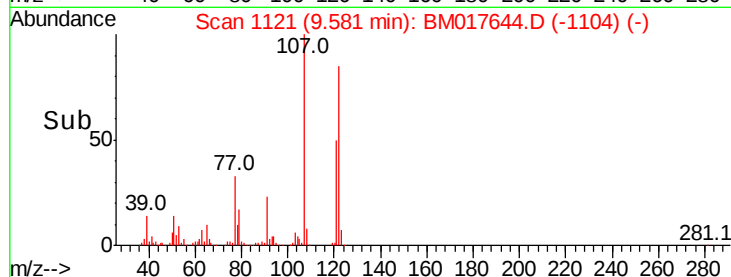
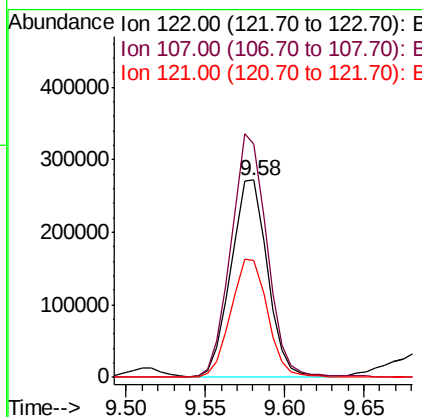
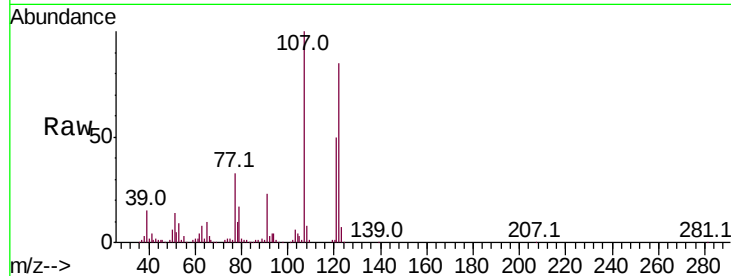
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 118.3 | 95.8  | 143.8 |
| 121     | 59.4  | 47.2  | 70.8  |

Manual Integrations  
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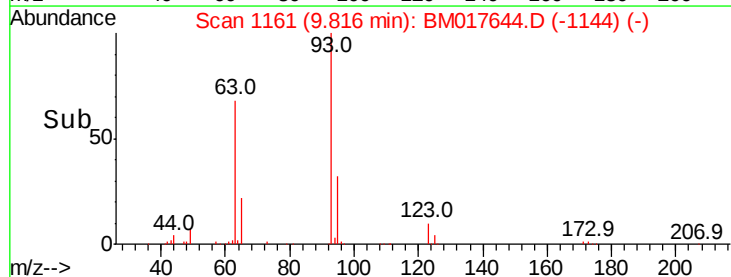
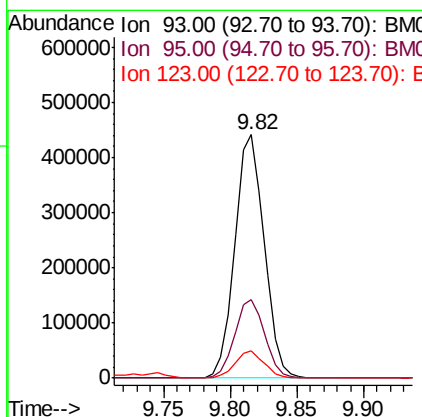
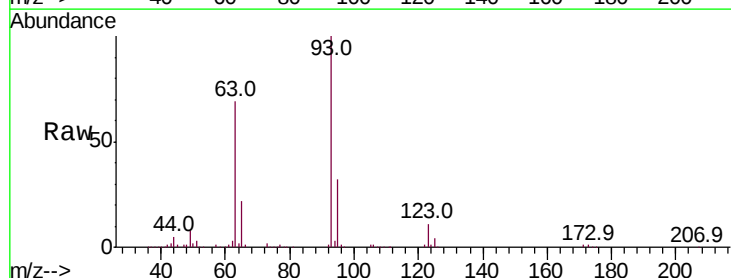
Sohil

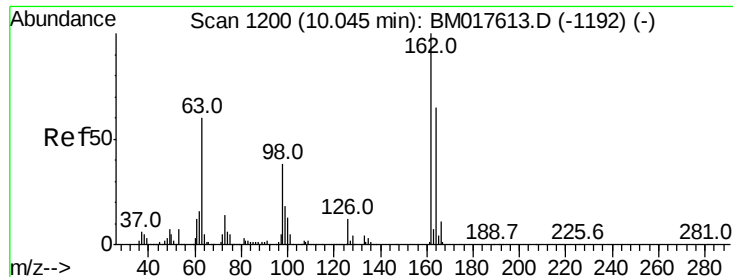
11/15/2018 4:20:19 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 36.482 ng  
RT: 9.82 min Scan# 1161  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 24.9  | 37.3  |
| 123     | 11.0  | 8.7   | 13.1  |





#29  
 2,4-Dichlorophenol  
 Concen: 37.660 ng  
 RT: 10.04 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

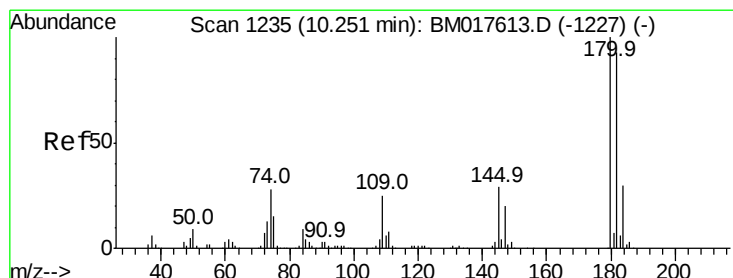
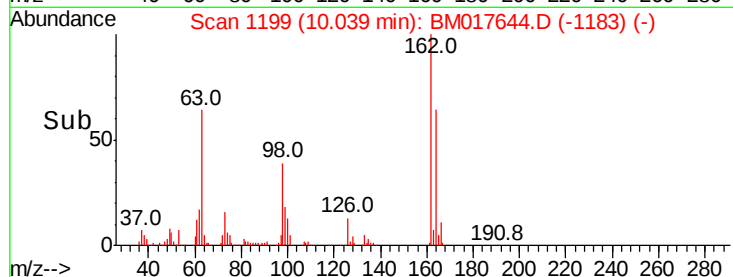
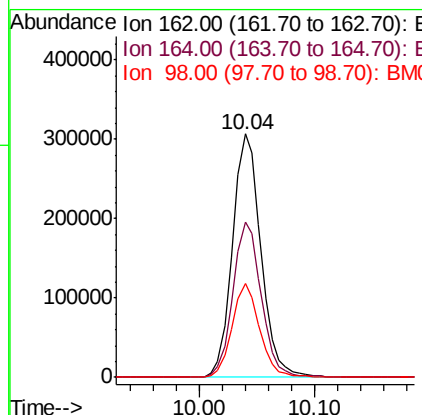
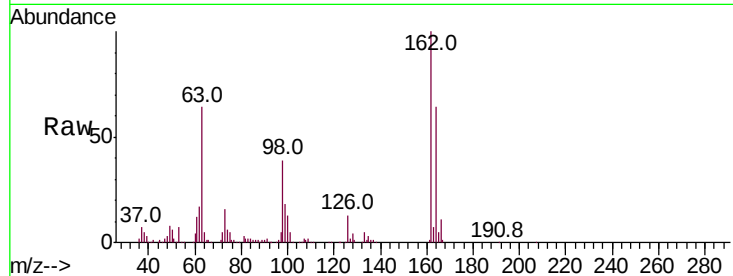
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 164     | 64.0  | 45.0 | 85.0  |       |
| 98      | 38.8  | 17.5 | 57.5  |       |

Manual Integrations  
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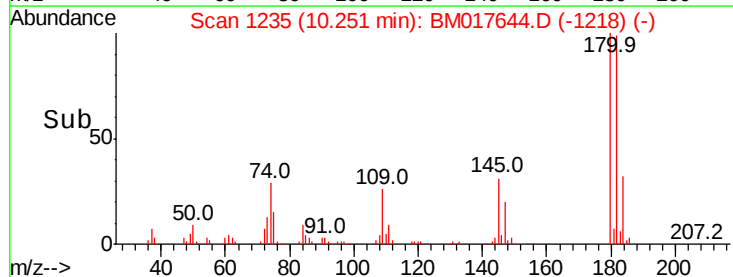
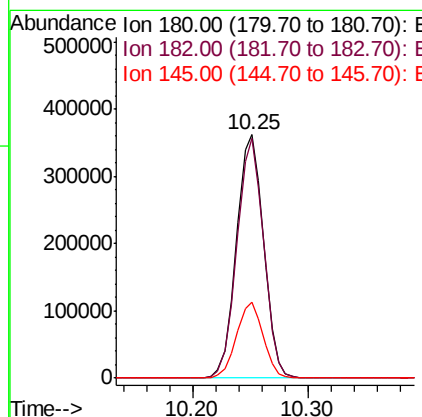
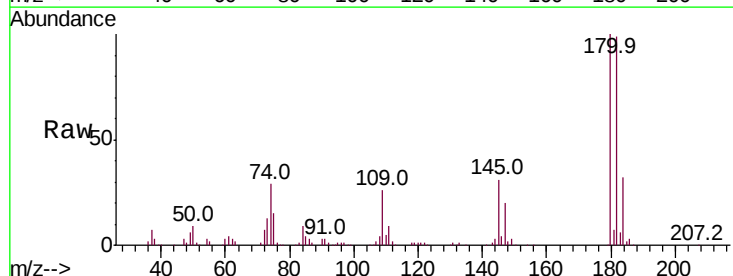
Sohil

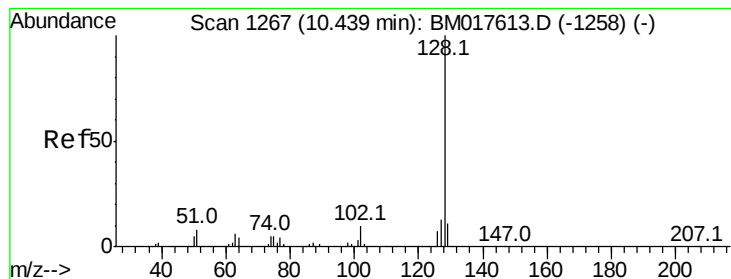
11/15/2018 4:20:19 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.563 ng  
 RT: 10.25 min Scan# 1235  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 98.7  | 74.4 | 111.6 |       |
| 145     | 31.3  | 23.5 | 35.3  |       |





#31

Naphthalene

Concen: 36.308 ng

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 1635728

Ion Ratio Lower Upper

128 100

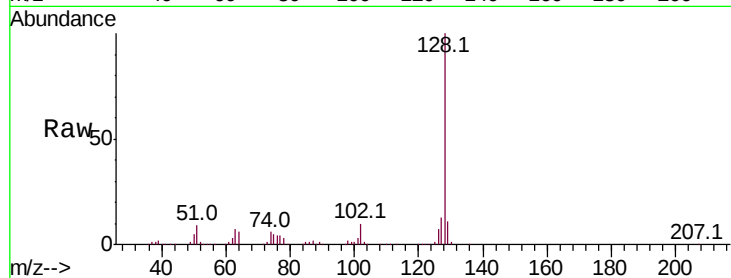
129 11.1 8.6 12.8

127 13.1 10.3 15.5

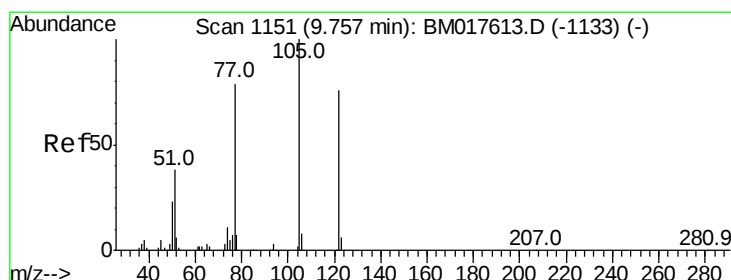
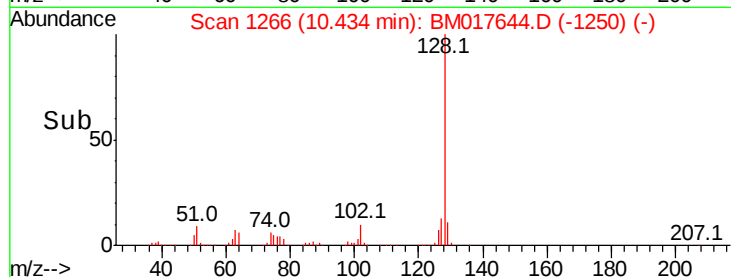
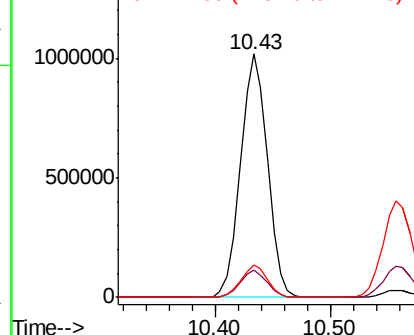
Manual Integrations  
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Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.432 ng m

RT: 9.75 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

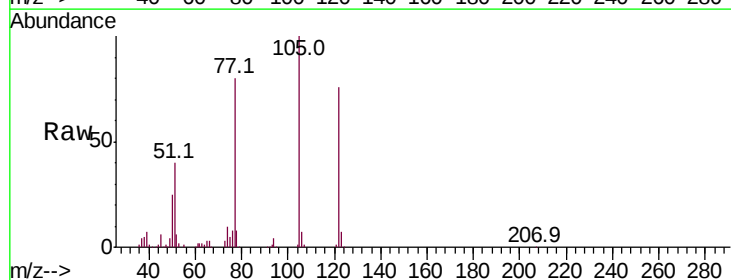
Tgt Ion:122 Resp: 372859

Ion Ratio Lower Upper

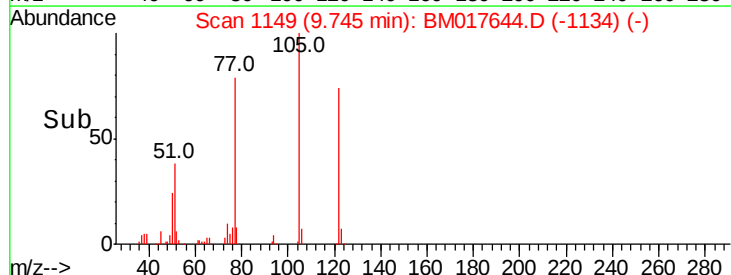
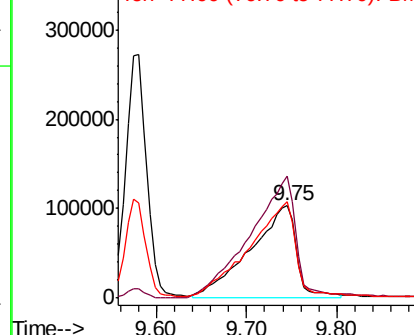
122 100

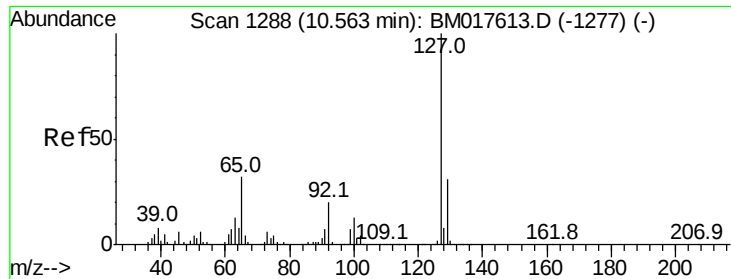
105 132.3 109.1 149.1

77 105.4 82.1 122.1



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM





#33  
4-Chloroaniline  
Concen: 37.225 ng  
RT: 10.56 min Scan# 1287  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

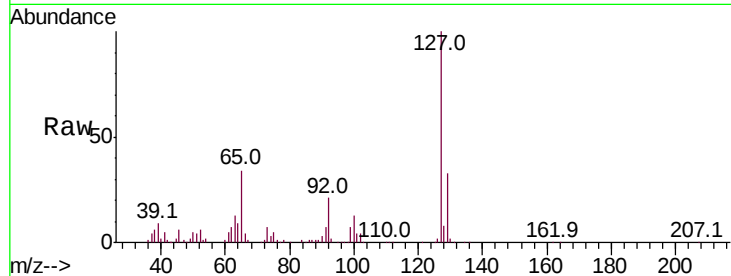
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.6  | 25.0 | 37.4  |       |
| 65      | 33.8  | 25.8 | 38.8  |       |
| 92      | 20.9  | 15.8 | 23.6  |       |

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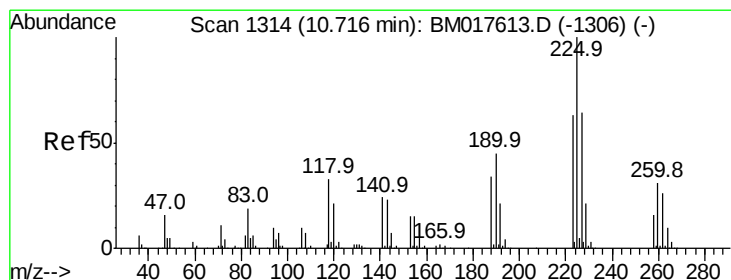
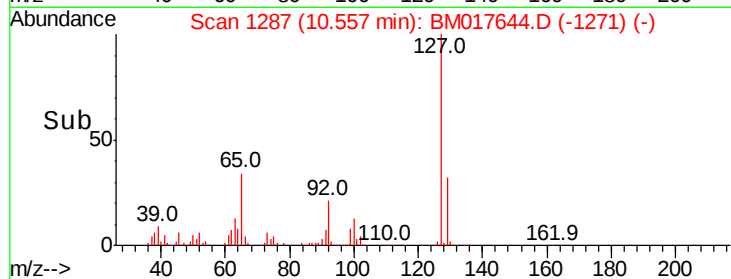
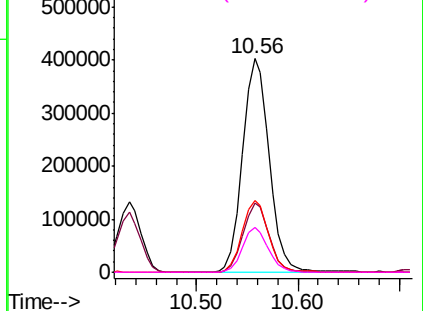
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

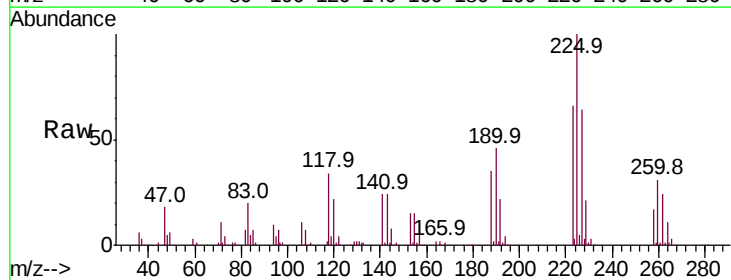
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34  
Hexachlorobutadiene  
Concen: 37.267 ng  
RT: 10.71 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 66.0  | 50.7 | 76.1  |       |
| 227     | 64.2  | 51.0 | 76.4  |       |

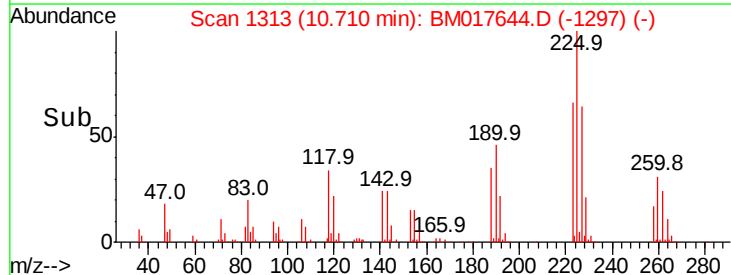
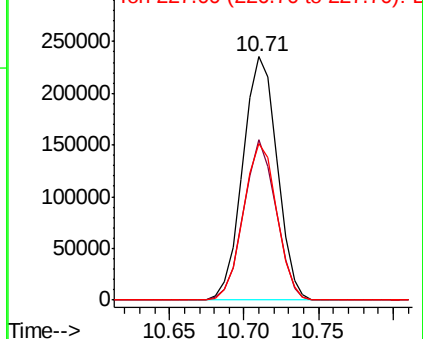


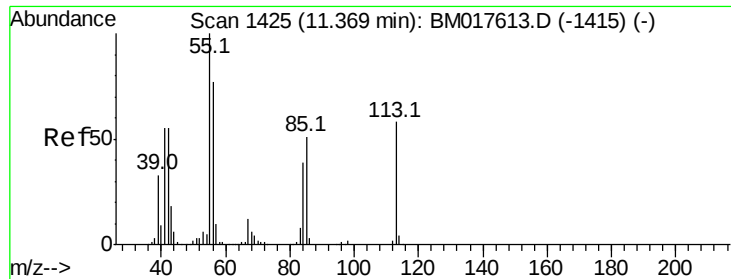
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 35.915 ng

RT: 11.36 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 183542

Ion Ratio Lower Upper

113 100

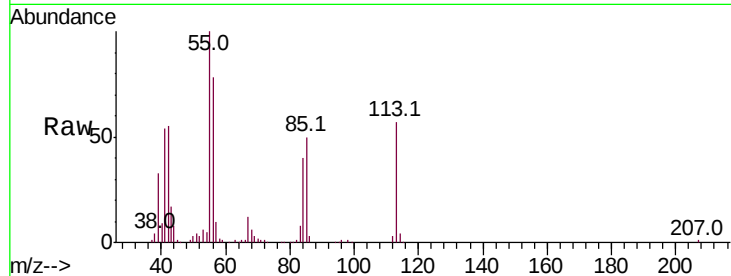
55 176.0 153.1 193.1

56 136.9 112.7 152.7

Manual Integrations  
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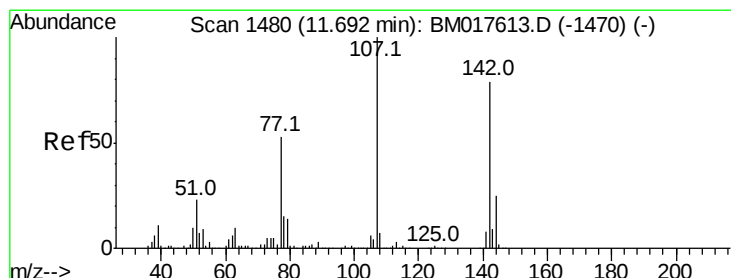
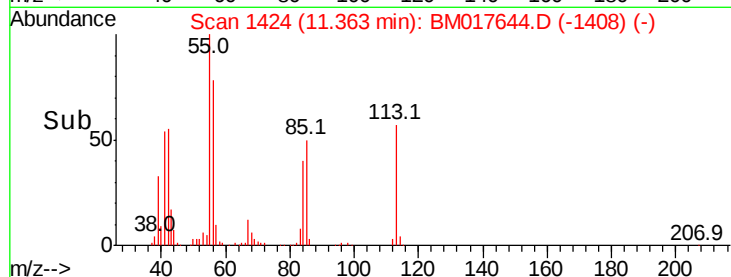
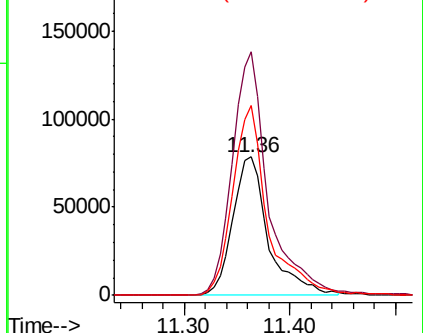
11/15/2018 4:20:19 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM017613.D (-1415) (-)

Ion 56.00 (55.70 to 56.70): BM017613.D (-1415) (-)



#36

4-Chloro-3-methylphenol

Concen: 37.278 ng

RT: 11.69 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

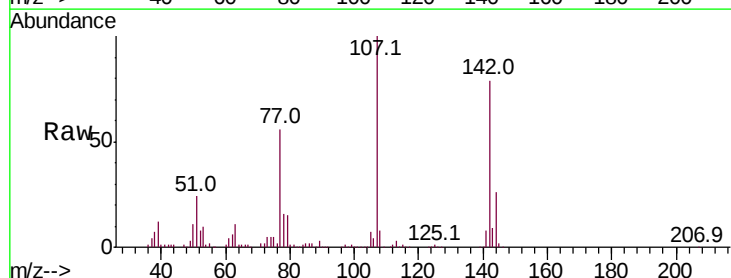
Tgt Ion:107 Resp: 597268

Ion Ratio Lower Upper

107 100

144 26.2 19.9 29.9

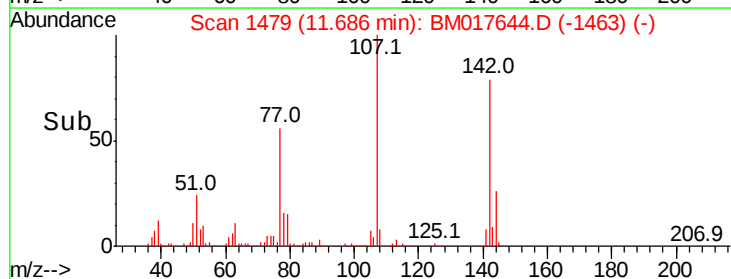
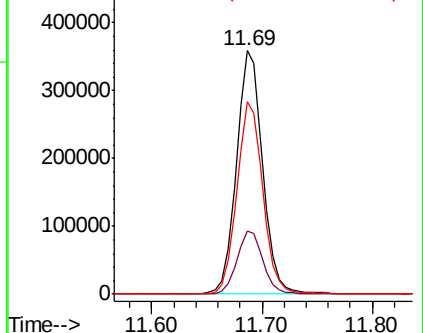
142 79.1 63.0 94.4

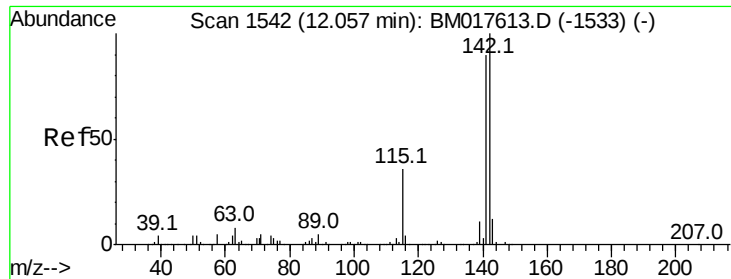


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.659 ng

RT: 12.05 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :  
BNA\_M

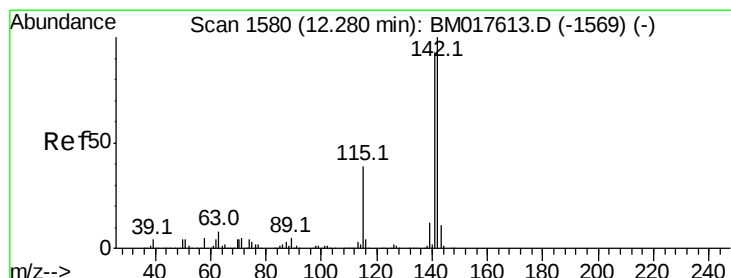
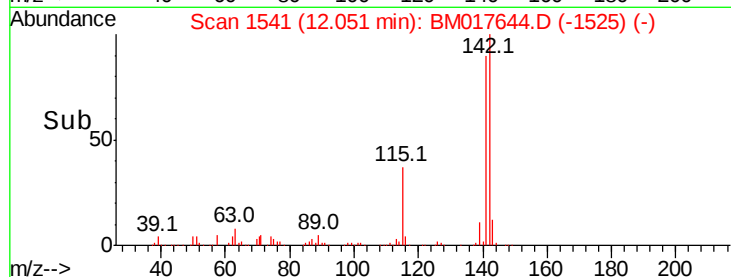
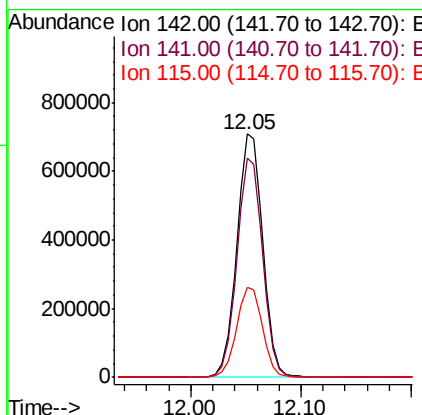
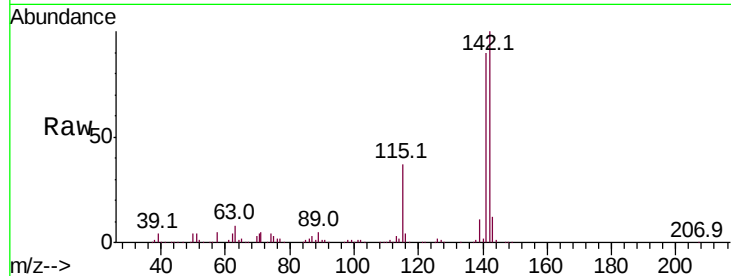
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 72.2  | 108.4 |
| 115     | 37.2  | 28.5  | 42.7  |

Manual Integrations  
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Sohil

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#38

1-Methylnaphthalene

Concen: 36.580 ng

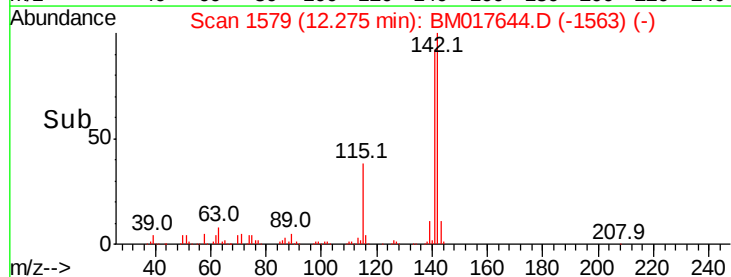
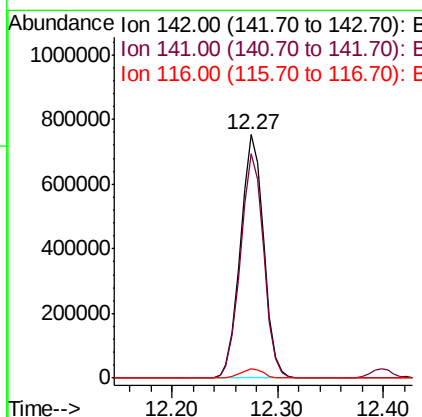
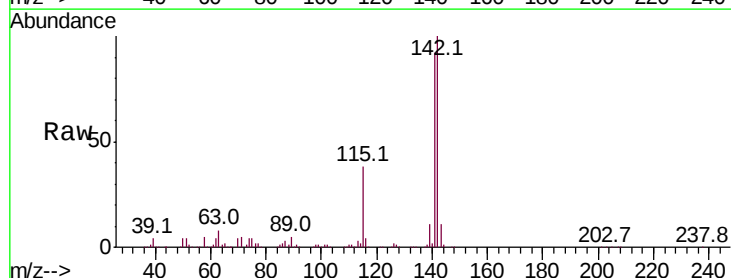
RT: 12.27 min Scan# 1579

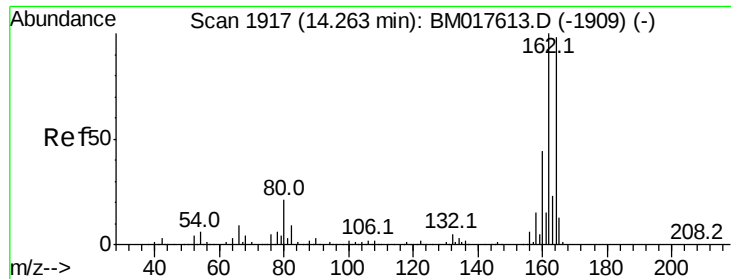
Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 74.2  | 111.4 |
| 116     | 4.1   | 3.1   | 4.7   |





#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.26 min Scan# 1916  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

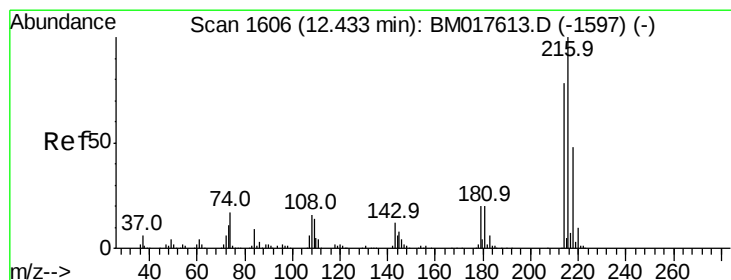
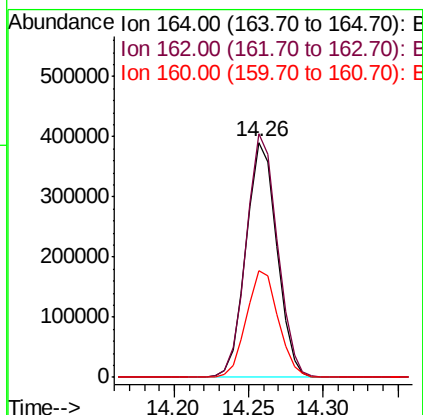
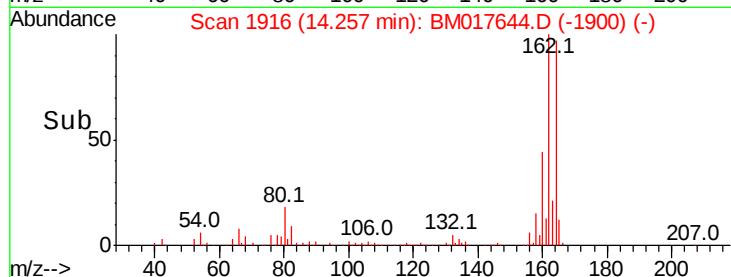
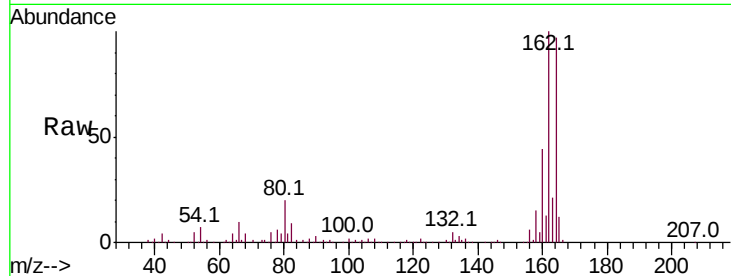
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.6 | 81.4  | 122.0 |
| 160     | 45.3  | 35.6  | 53.4  |

Manual Integrations  
APPROVED

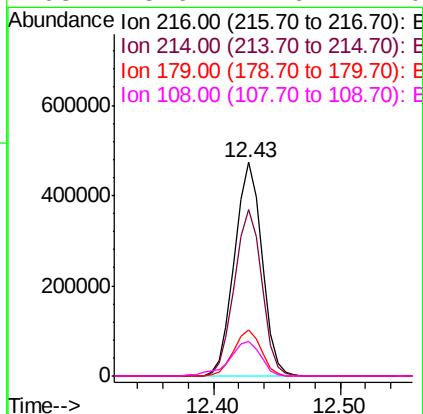
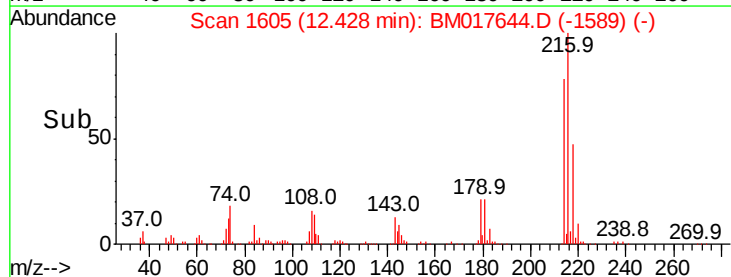
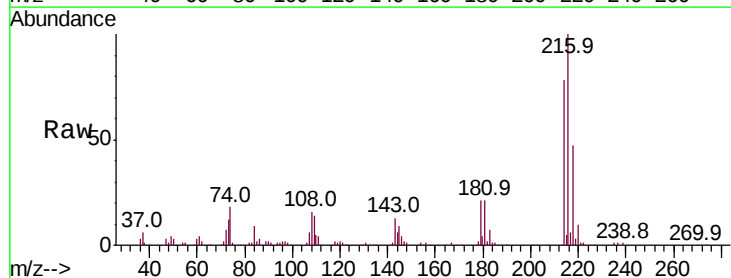
Sohil

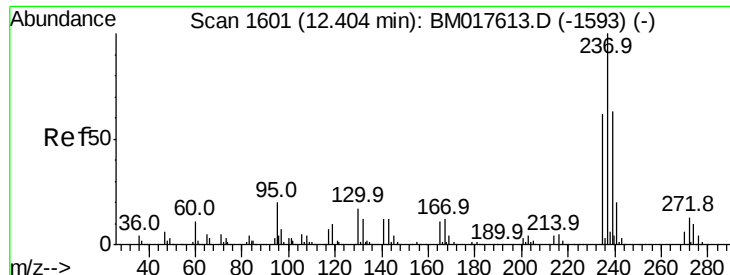
11/15/2018 4:20:19 PM



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 36.236 ng  
RT: 12.43 min Scan# 1605  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.9  | 62.5  | 93.7  |
| 179     | 21.4  | 16.8  | 25.2  |
| 108     | 18.6  | 14.6  | 22.0  |





#41  
Hexachlorocyclopentadiene  
Concen: 35.412 ng  
RT: 12.40 min Scan# 1600  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

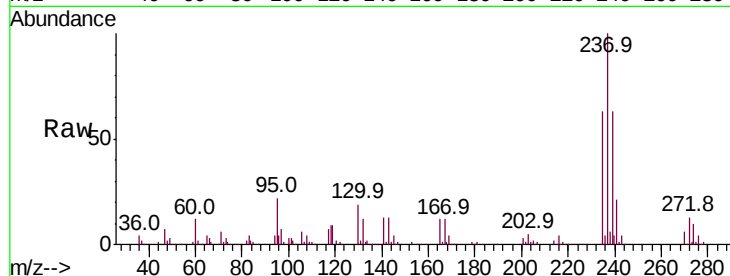
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 62.6  | 42.2       | 82.2       |
| 272     | 12.7  | 0.0        | 32.6       |

Manual Integrations  
APPROVED

Sohil

11/15/2018 4:20:19 PM

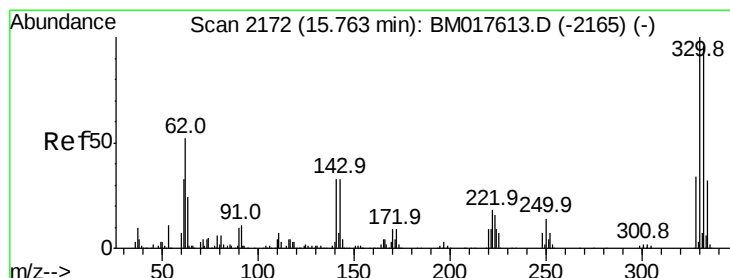
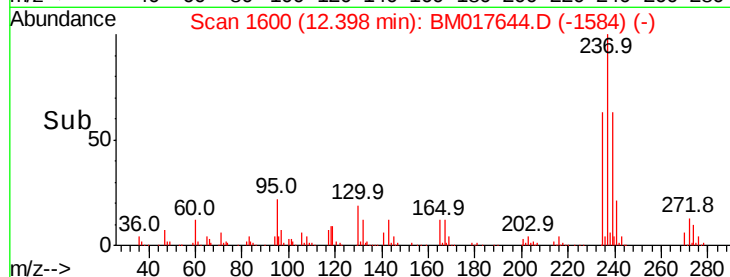
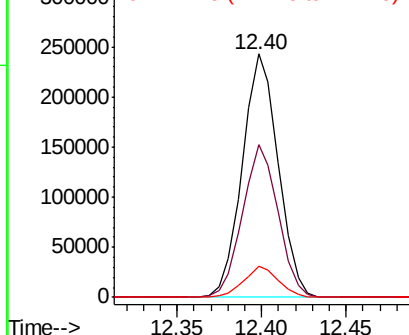


Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42  
2,4,6-Tribromophenol  
Concen: 75.255 ng  
RT: 15.76 min Scan# 2171  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

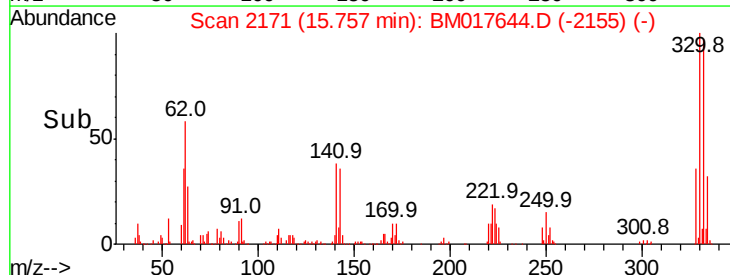
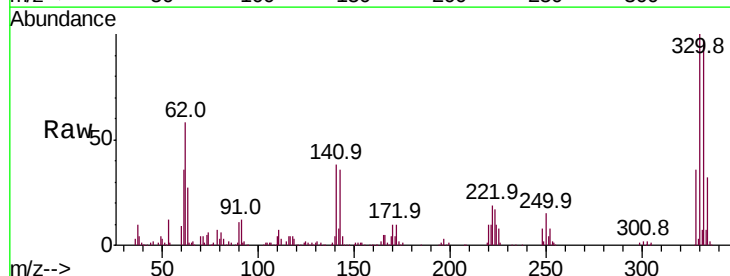
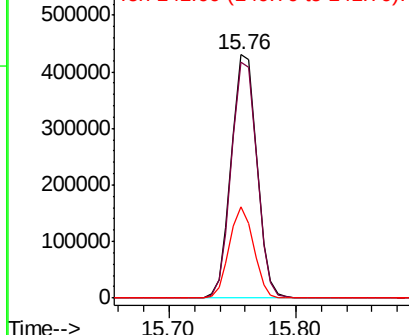
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 330     | 100   |            |            |
| 332     | 97.0  | 77.9       | 116.9      |
| 141     | 35.8  | 27.5       | 41.3       |

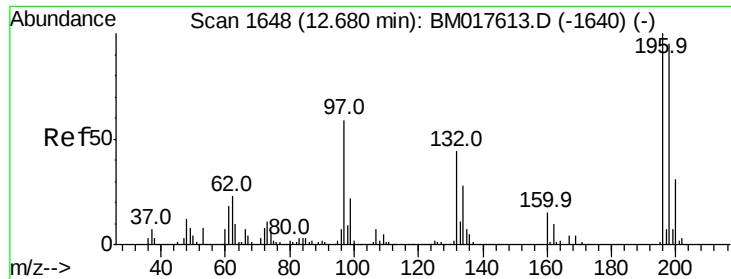
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43  
 2,4,6-Trichlorophenol  
 Concen: 36.867 ng  
 RT: 12.68 min Scan# 1648  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

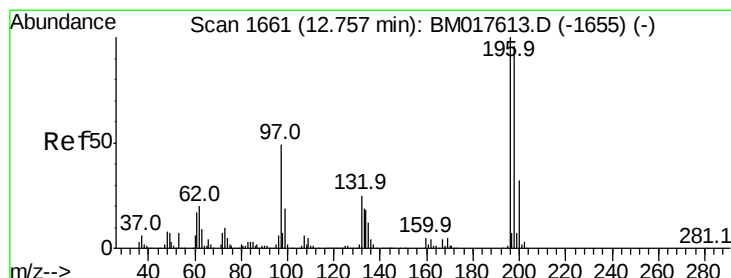
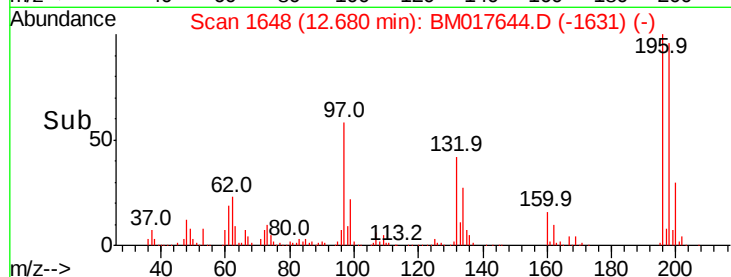
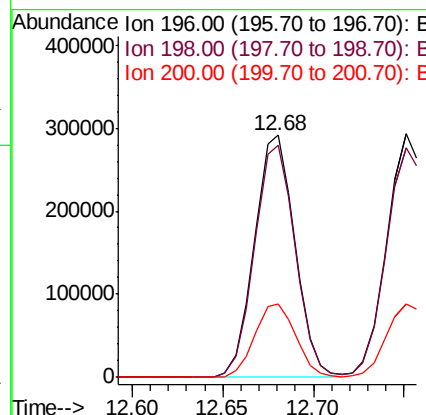
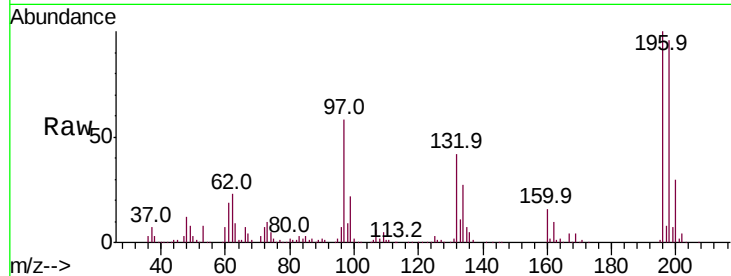
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 453380 |       |       |
| 198     | 95.8  | 75.6   | 113.4 |       |
| 200     | 30.2  | 24.8   | 37.2  |       |

Manual Integrations  
 APPROVED

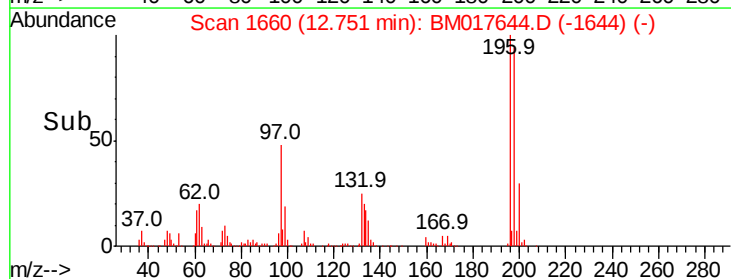
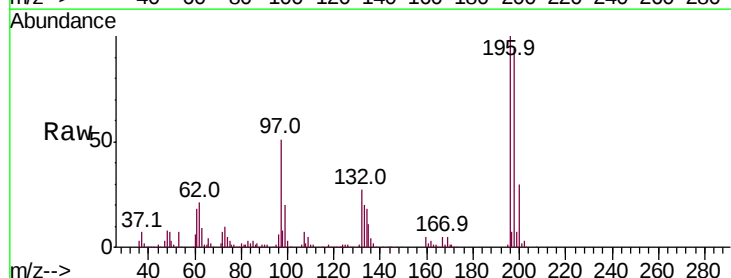
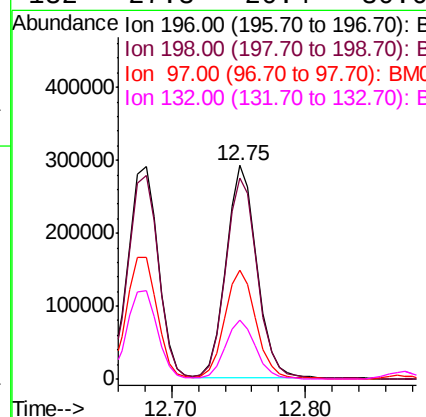
Sohil

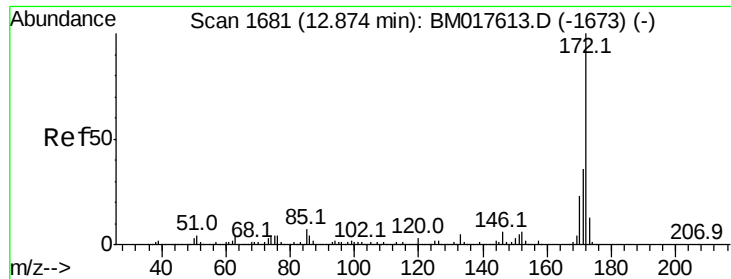
11/15/2018 4:20:19 PM



#44  
 2,4,5-Trichlorophenol  
 Concen: 36.624 ng  
 RT: 12.75 min Scan# 1660  
 Delta R.T. -0.01 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 475549 |       |       |
| 198     | 94.1  | 76.8   | 115.2 |       |
| 97      | 50.7  | 39.0   | 58.6  |       |
| 132     | 27.3  | 20.4   | 30.6  |       |





#45  
2-Fluorobiphenyl  
Concen: 72.602 ng  
RT: 12.87 min Scan# 1681  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

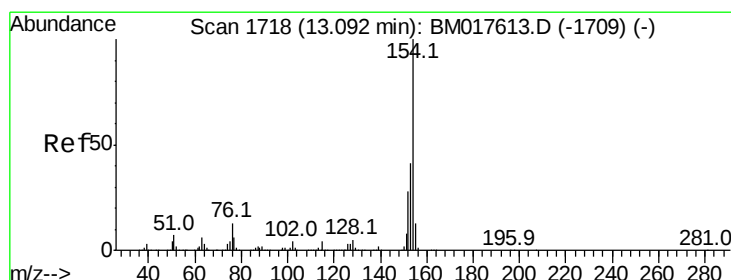
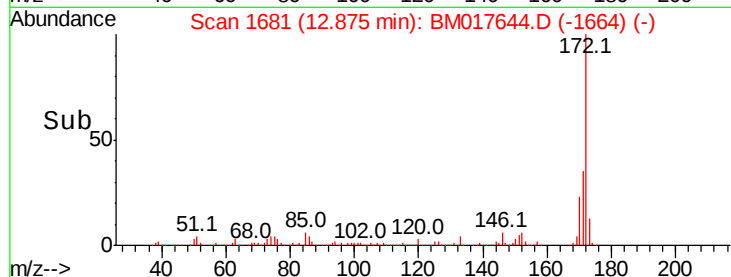
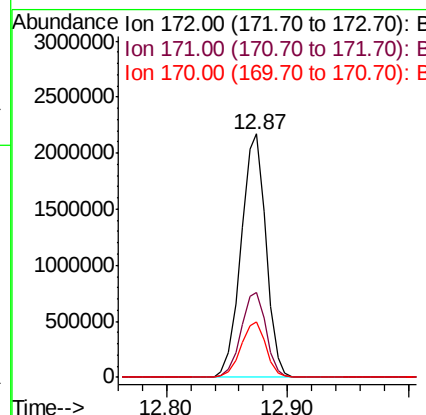
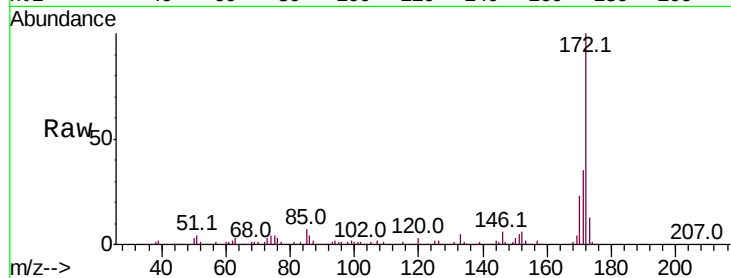
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 34.7  | 28.7  | 43.1  |
| 170     | 23.0  | 18.3  | 27.5  |

Manual Integrations  
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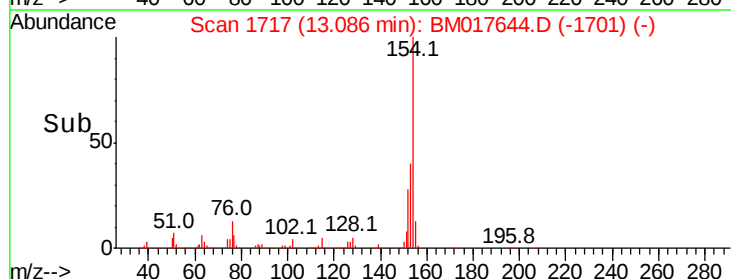
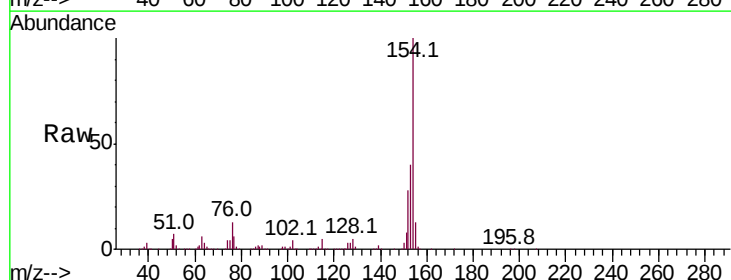
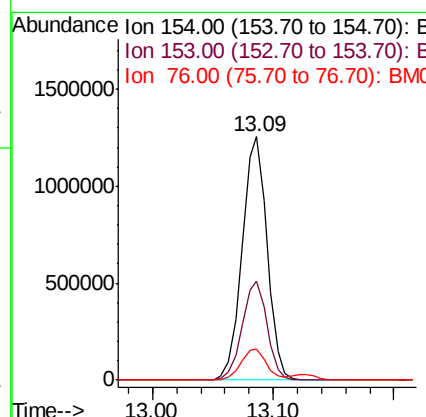
Sohil

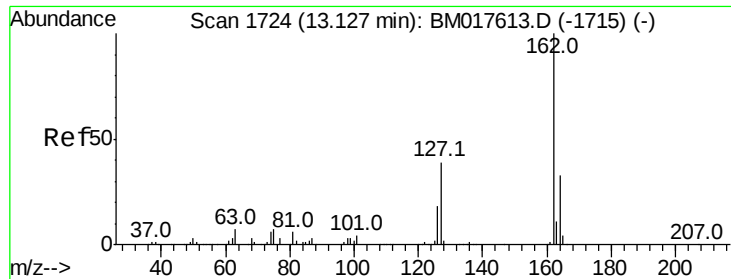
11/15/2018 4:20:19 PM



#46  
1,1'-Biphenyl  
Concen: 36.141 ng  
RT: 13.09 min Scan# 1717  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.5  | 20.8  | 60.8  |
| 76      | 12.6  | 0.0   | 32.8  |





#47  
2-Chloronaphthalene  
Concen: 36.365 ng  
RT: 13.12 min Scan# 1723  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

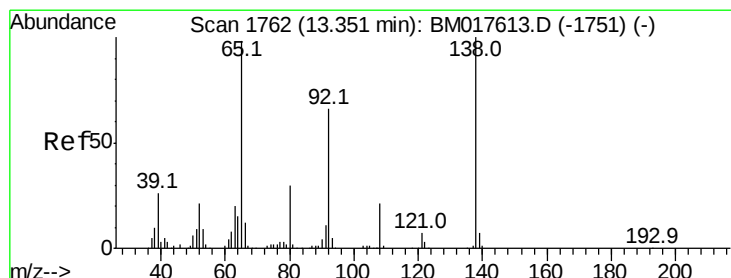
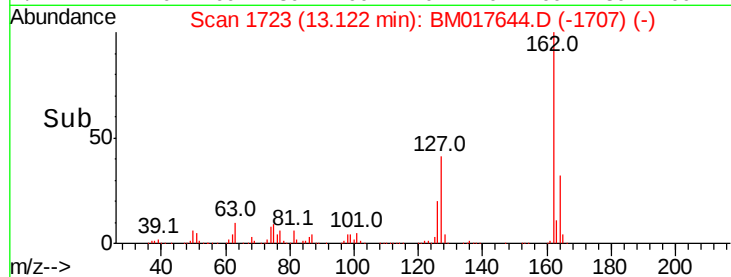
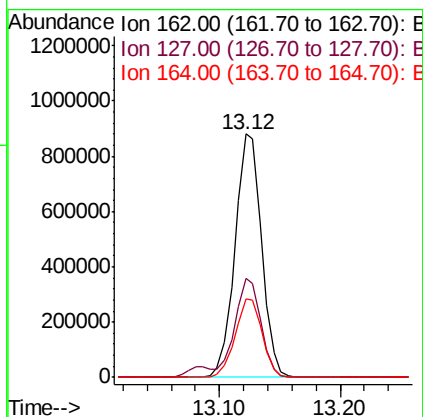
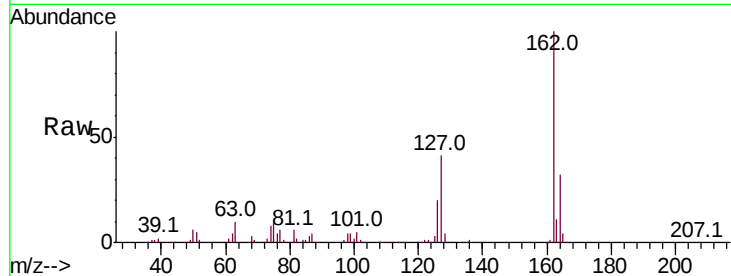
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.7  | 32.6  | 48.8  |
| 164     | 32.1  | 26.5  | 39.7  |

Manual Integrations  
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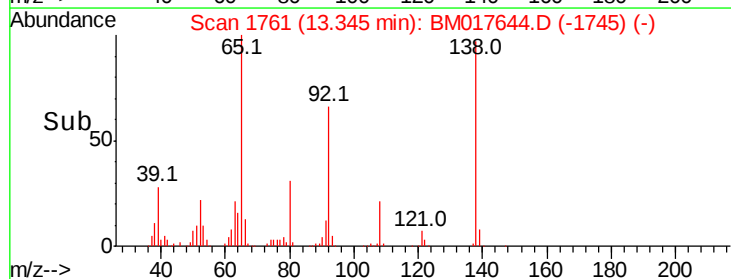
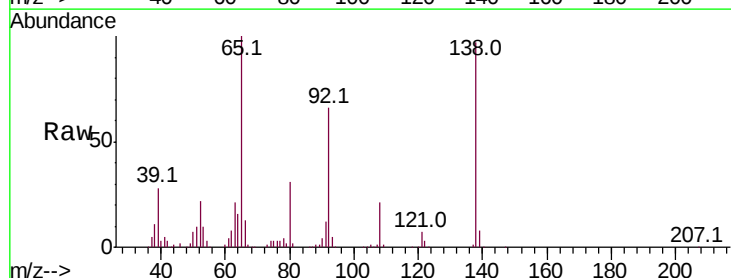
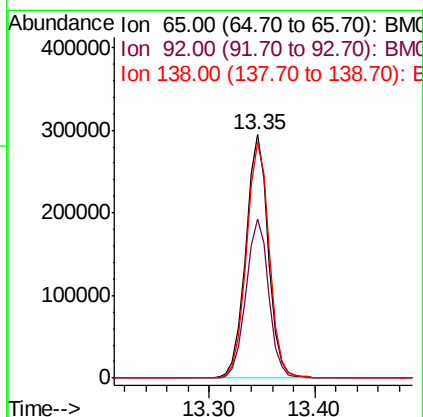
Sohil

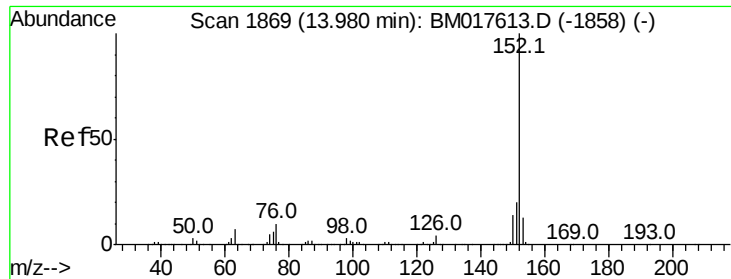
11/15/2018 4:20:19 PM



#48  
2-Nitroaniline  
Concen: 38.102 ng  
RT: 13.35 min Scan# 1761  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.5  | 53.7  | 80.5  |
| 138     | 96.8  | 81.5  | 122.3 |





#49

Acenaphthylene

Concen: 36.547 ng

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:152 Resp: 2036852

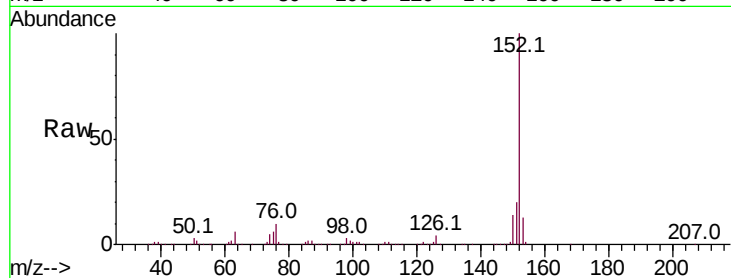
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.6  | 15.9  | 23.9  |
| 153 | 12.7  | 10.5  | 15.7  |

Manual Integrations

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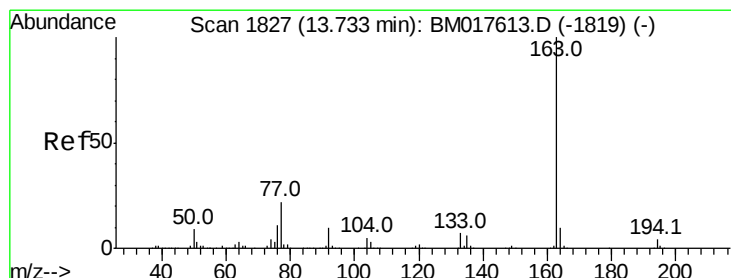
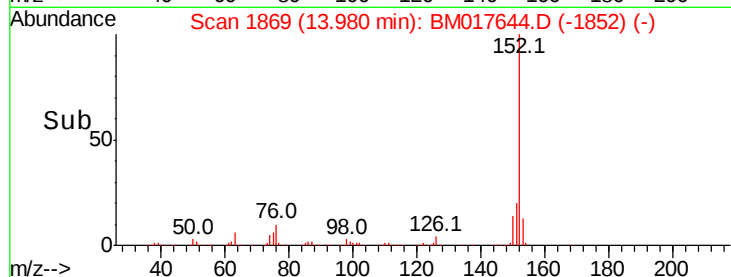
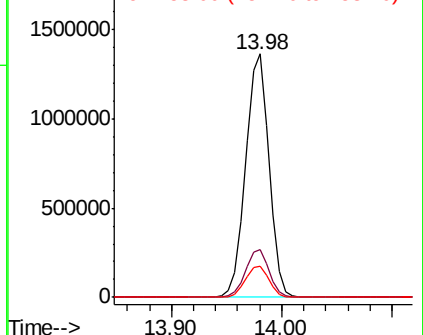


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.154 ng

RT: 13.73 min Scan# 1827

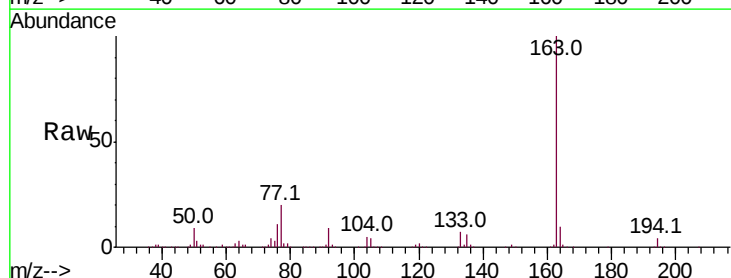
Delta R.T. 0.00 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Tgt Ion:163 Resp: 1636619

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.2   | 3.1   | 4.7   |
| 164 | 9.9   | 8.2   | 12.4  |

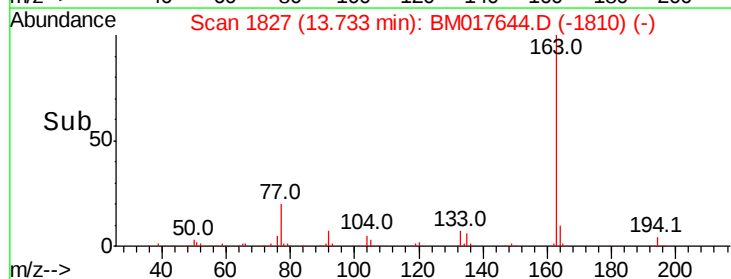
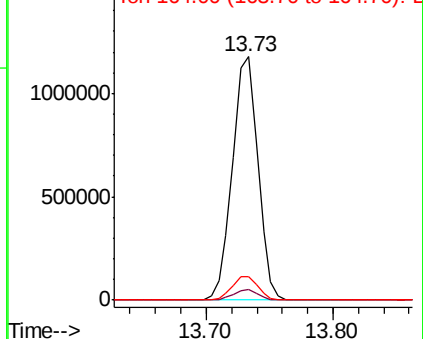


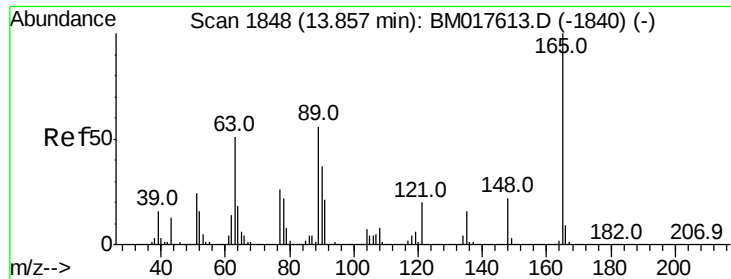
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51  
 2,6-Dinitrotoluene  
 Concen: 37.099 ng  
 RT: 13.85 min Scan# 1847  
 Delta R.T. -0.01 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

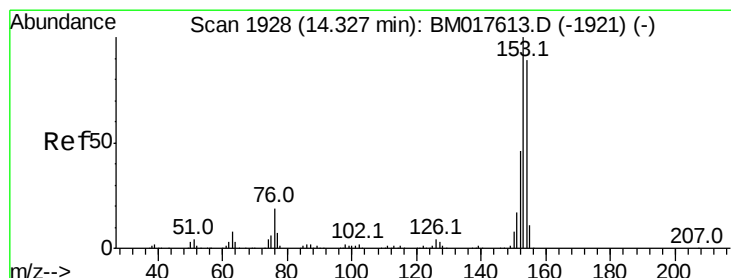
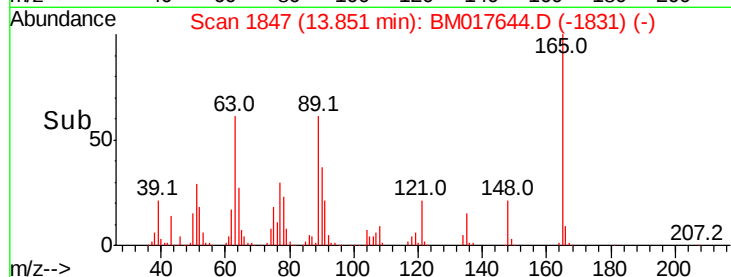
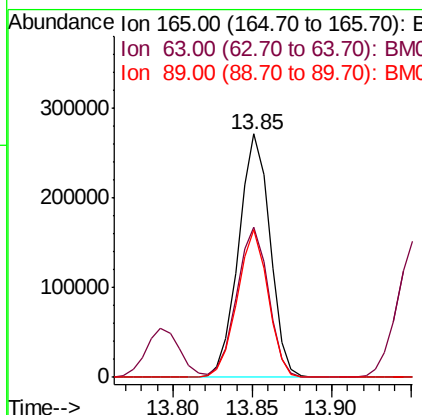
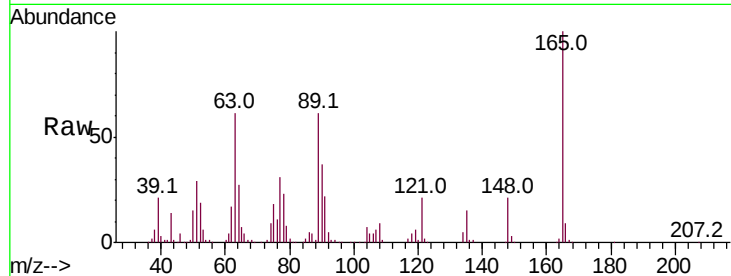
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 61.4  | 47.3  | 70.9  |
| 89      | 60.5  | 44.8  | 67.2  |

Manual Integrations  
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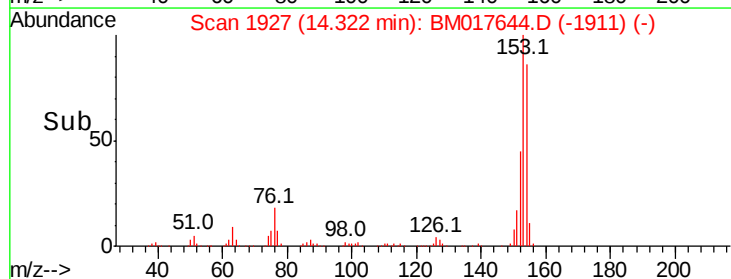
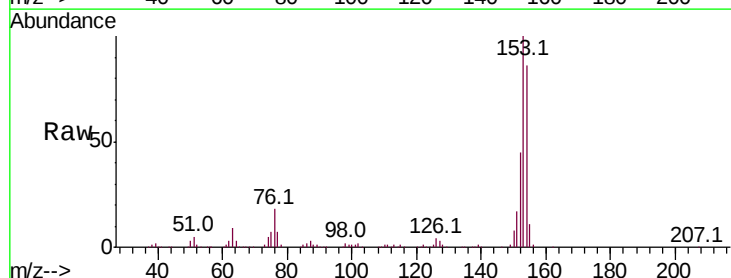
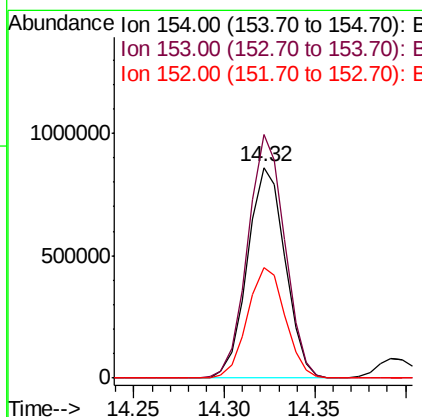
Sohil

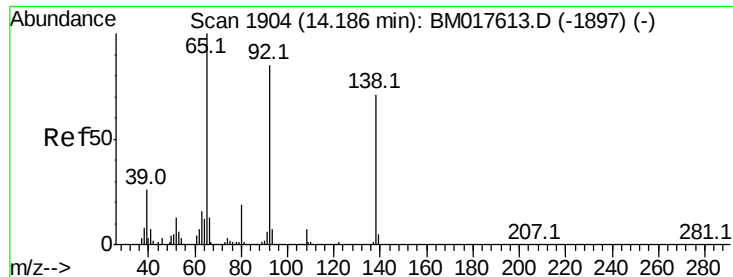
11/15/2018 4:20:19 PM



#52  
 Acenaphthene  
 Concen: 36.437 ng  
 RT: 14.32 min Scan# 1927  
 Delta R.T. -0.01 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.7 | 90.2  | 135.4 |
| 152     | 52.5  | 41.6  | 62.4  |





#53  
3-Nitroaniline  
Concen: 35.407 ng  
RT: 14.19 min Scan# 1904  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

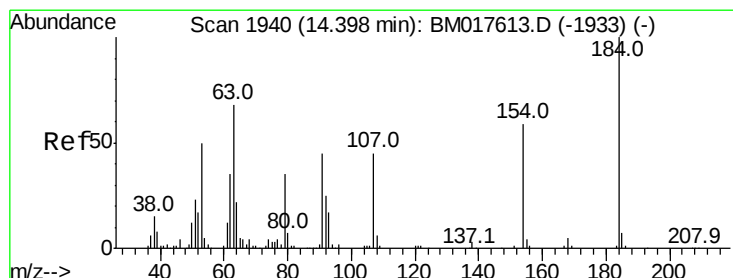
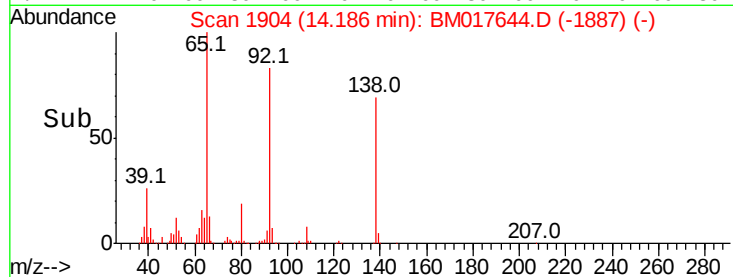
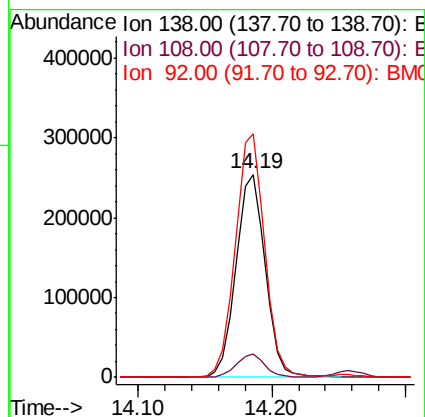
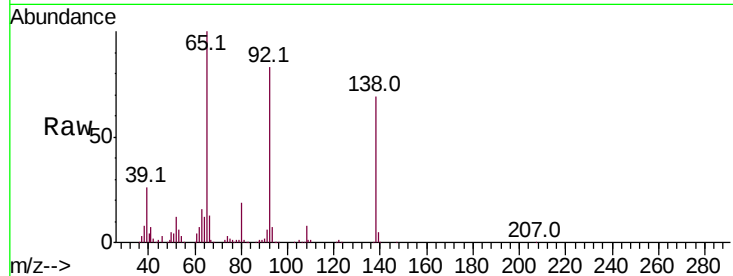
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.5  | 8.2   | 12.2  |
| 92      | 119.8 | 95.4  | 143.2 |

Manual Integrations  
APPROVED

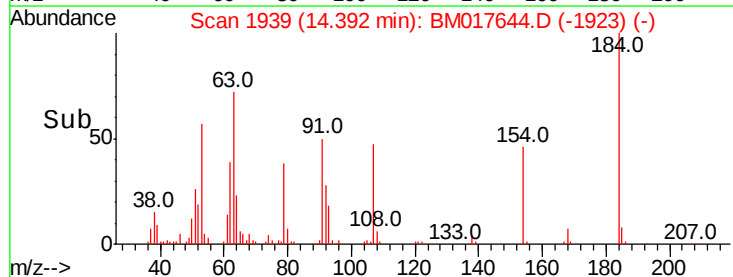
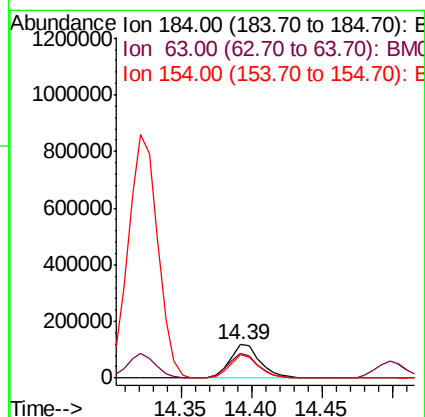
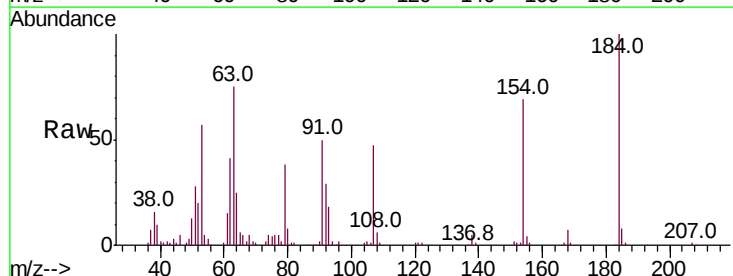
Sohil

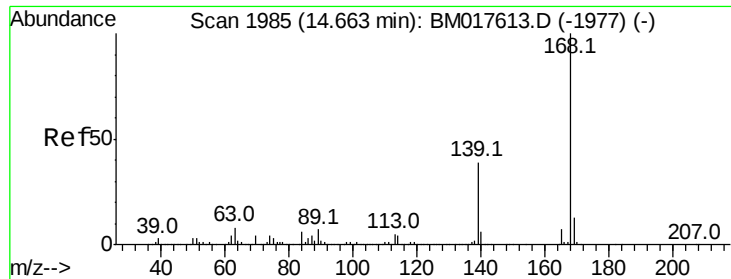
11/15/2018 4:20:19 PM



#54  
2,4-Dinitrophenol  
Concen: 33.683 ng  
RT: 14.39 min Scan# 1939  
Delta R.T. -0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.4  | 55.1  | 82.7  |
| 154     | 68.5  | 51.3  | 76.9  |





#55  
Dibenzofuran  
Concen: 36.484 ng  
RT: 14.66 min Scan# 1985  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

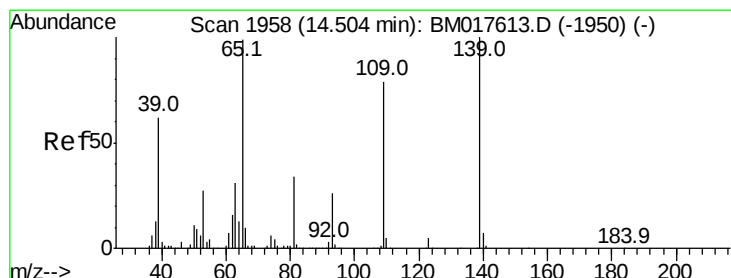
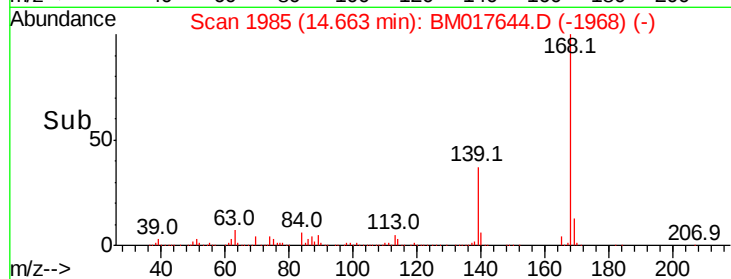
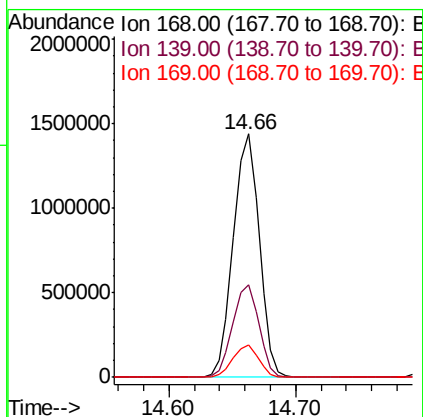
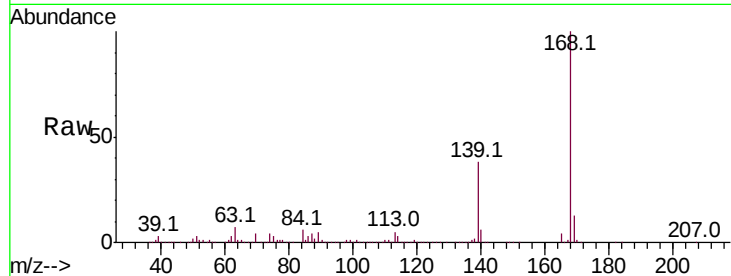
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.8  | 31.0  | 46.6  |
| 169     | 13.2  | 10.6  | 16.0  |

Manual Integrations  
APPROVED

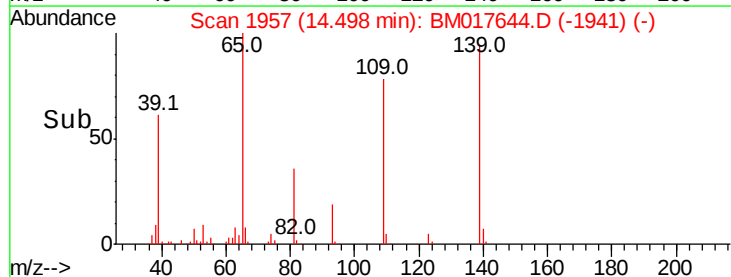
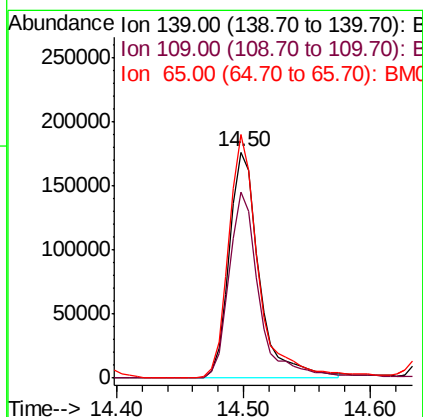
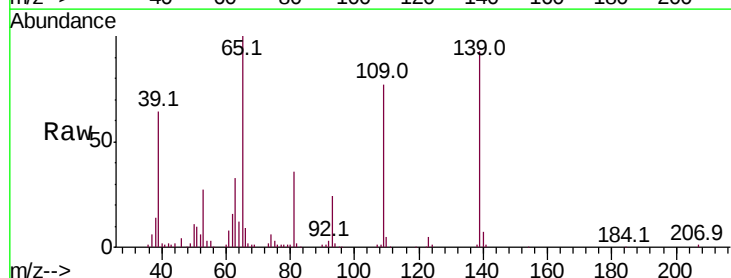
Sohil

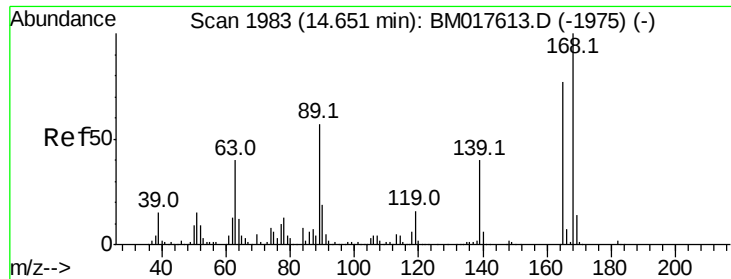
11/15/2018 4:20:19 PM



#56  
4-Nitrophenol  
Concen: 34.312 ng  
RT: 14.50 min Scan# 1957  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 82.4  | 58.6  | 98.6  |
| 65      | 107.7 | 79.5  | 119.5 |





#57  
2,4-Dinitrotoluene  
Concen: 38.845 ng  
RT: 14.65 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

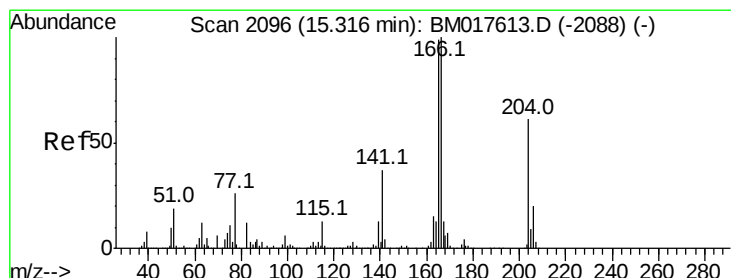
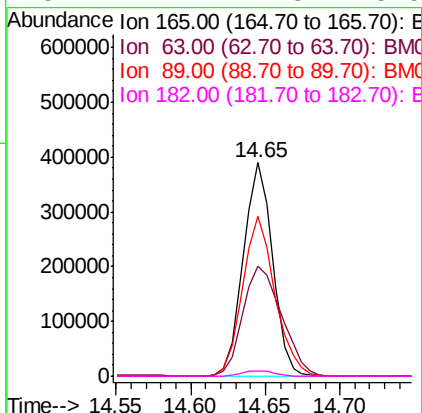
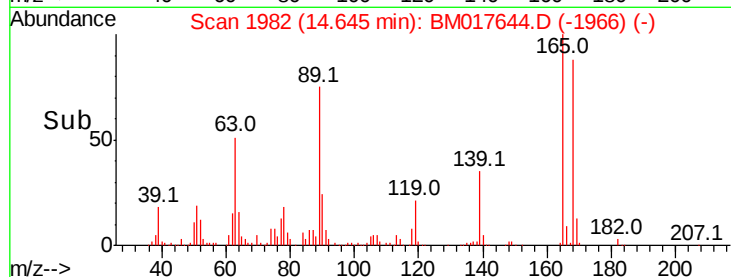
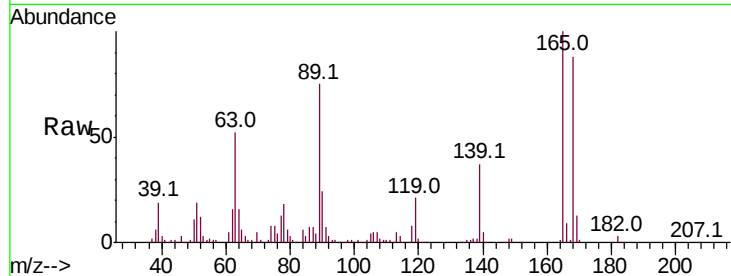
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 51.8  | 41.8 | 62.8  |       |
| 89      | 74.9  | 59.5 | 89.3  |       |
| 182     | 2.7   | 2.3  | 3.5   |       |

Manual Integrations  
APPROVED

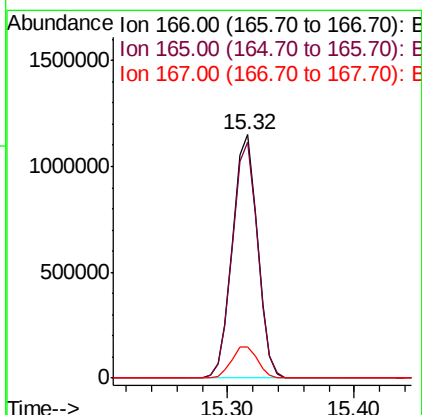
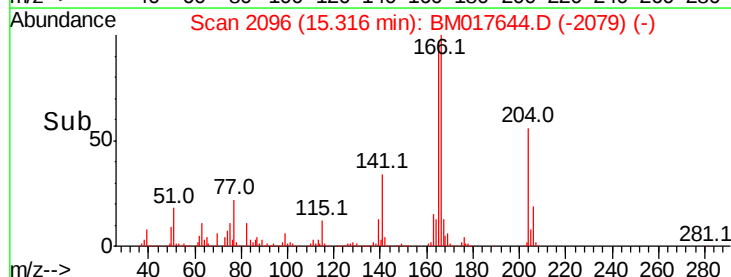
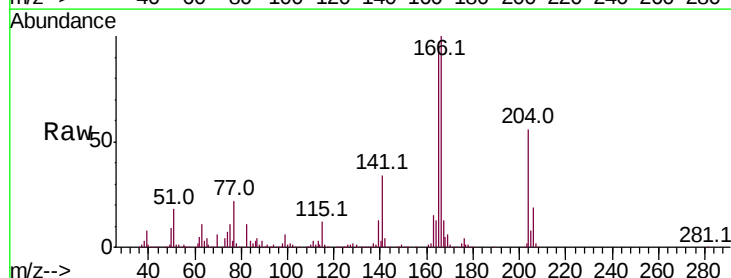
Sohil

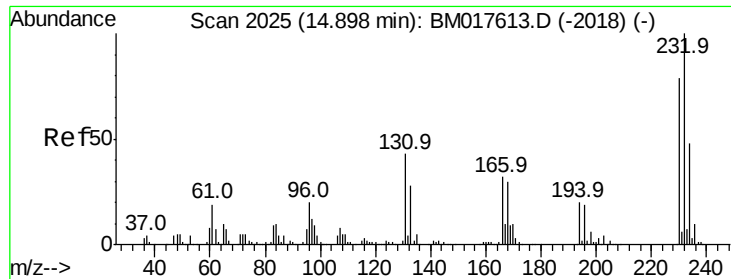
11/15/2018 4:20:19 PM



#58  
Fluorene  
Concen: 36.615 ng  
RT: 15.32 min Scan# 2096  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 96.8  | 79.0 | 118.6 |       |
| 167     | 13.0  | 10.8 | 16.2  |       |





#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.188 ng  
 RT: 14.89 min Scan# 2024  
 Delta R.T. -0.01 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

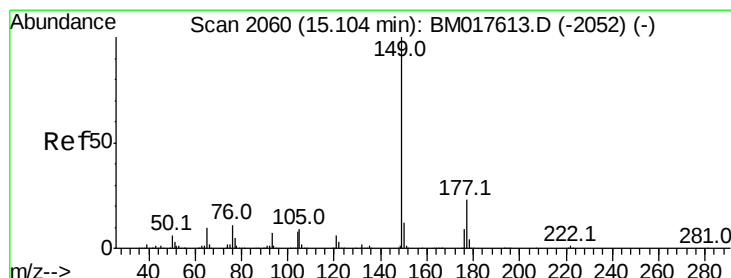
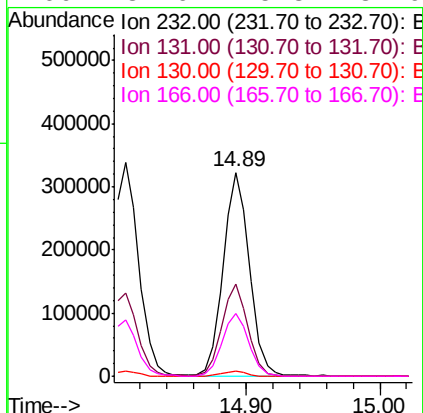
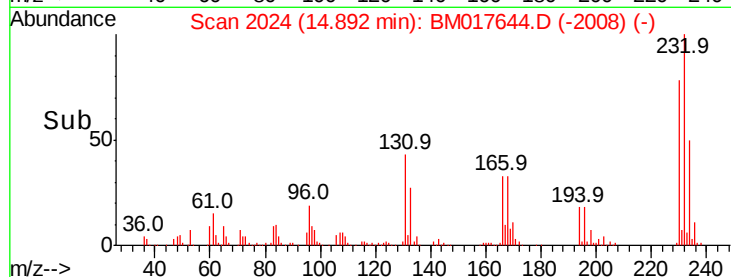
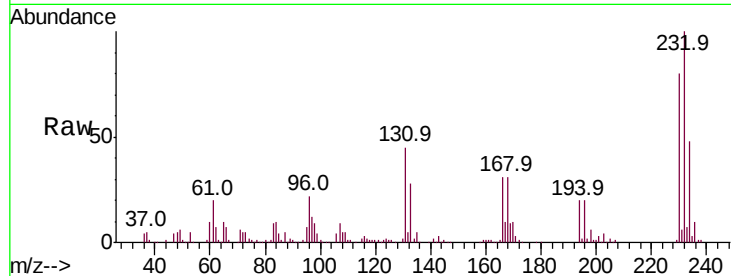
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 45.2  | 34.8  | 52.2  |
| 130     | 2.3   | 1.9   | 2.9   |
| 166     | 31.6  | 25.3  | 37.9  |

Manual Integrations  
 APPROVED

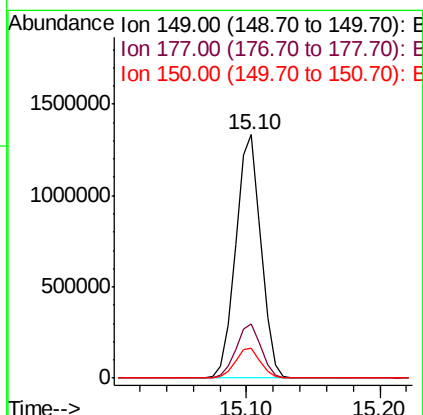
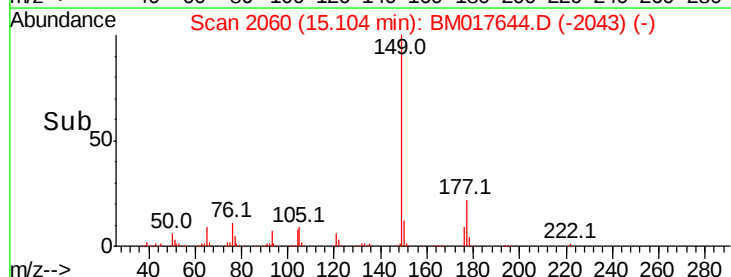
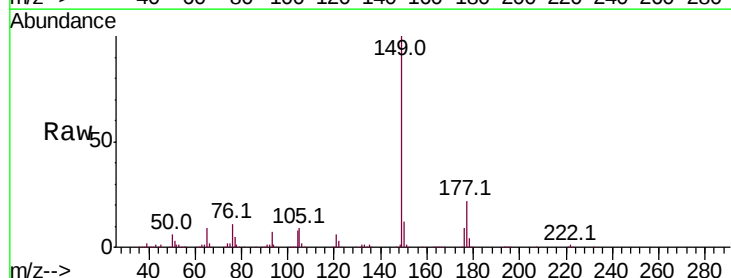
Sohil

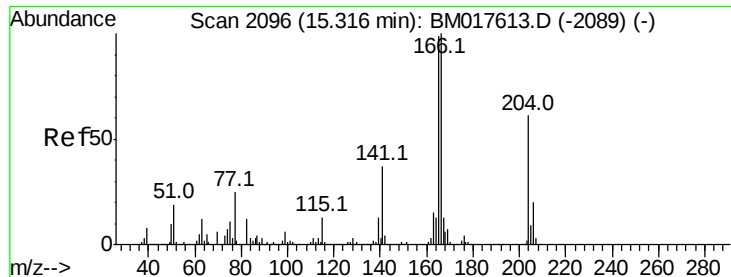
11/15/2018 4:20:19 PM



#60  
 Diethylphthalate  
 Concen: 35.684 ng  
 RT: 15.10 min Scan# 2060  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.2  | 18.1  | 27.1  |
| 150     | 12.3  | 9.9   | 14.9  |





#61  
4-Chlorophenyl-phenylether  
Concen: 36.339 ng  
RT: 15.32 min Scan# 2096  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

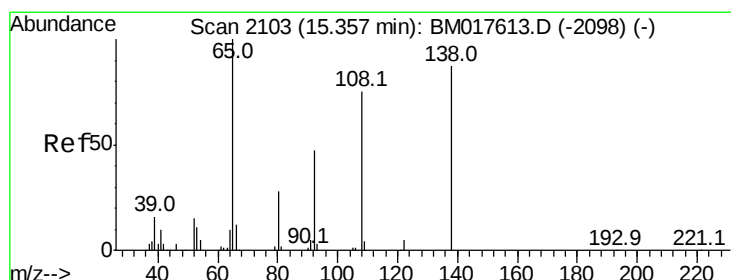
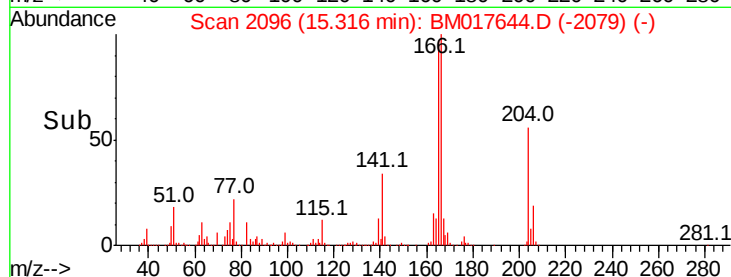
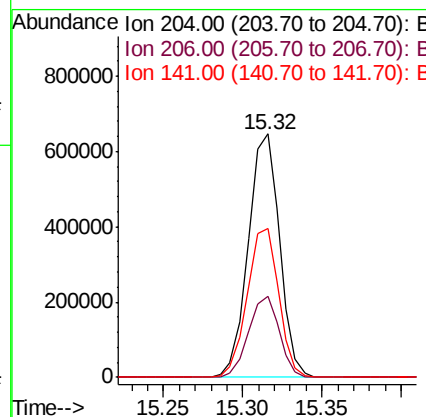
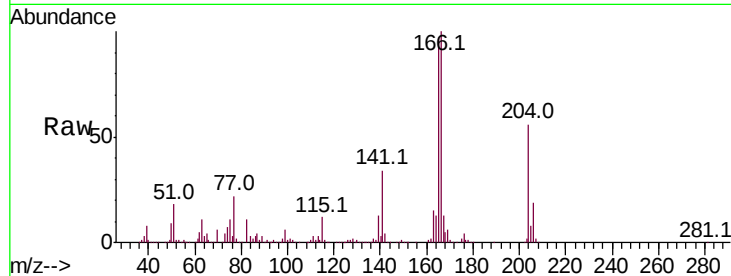
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.3  | 25.9  | 38.9  |
| 141     | 60.9  | 47.9  | 71.9  |

Manual Integrations  
APPROVED

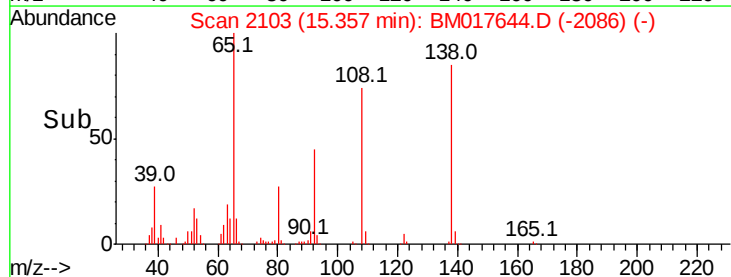
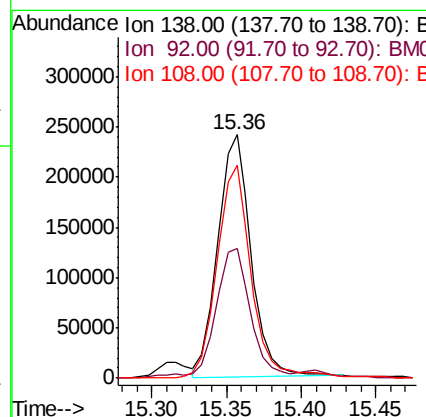
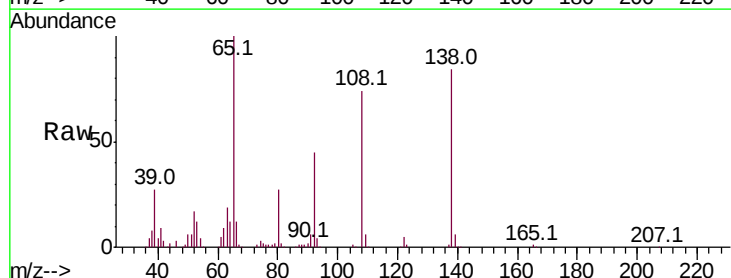
Sohil

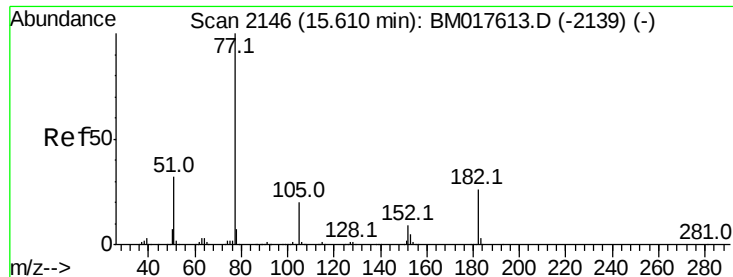
11/15/2018 4:20:19 PM



#62  
4-Nitroaniline  
Concen: 36.221 ng  
RT: 15.36 min Scan# 2103  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 53.5  | 33.4  | 73.4  |
| 108     | 87.4  | 64.3  | 104.3 |





#63  
Azobenzene  
Concen: 37.619 ng  
RT: 15.61 min Scan# 2146  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

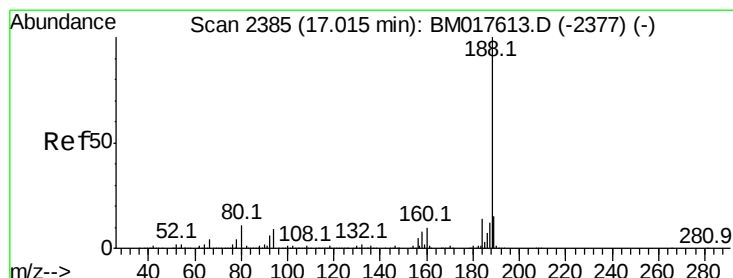
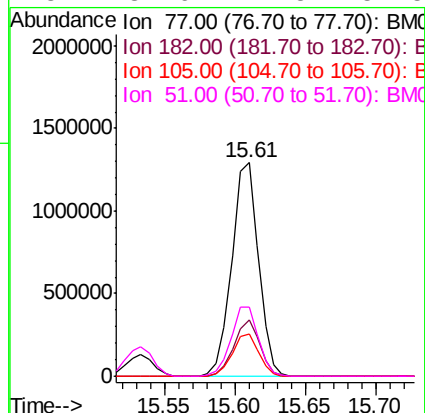
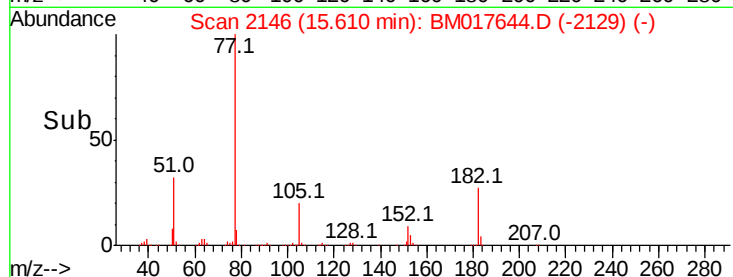
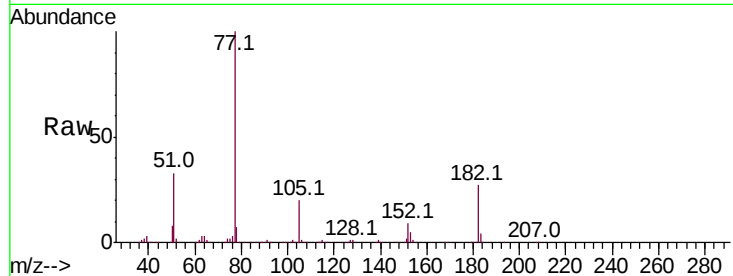
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.6  | 5.8   | 45.8  |
| 105     | 19.7  | 0.0   | 40.0  |
| 51      | 32.6  | 12.5  | 52.5  |

Manual Integrations  
APPROVED

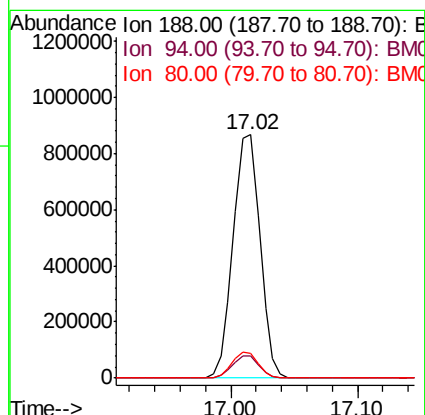
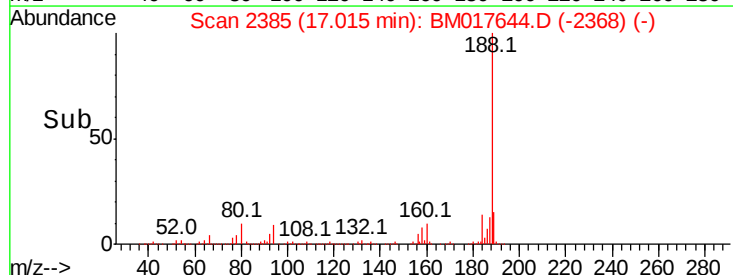
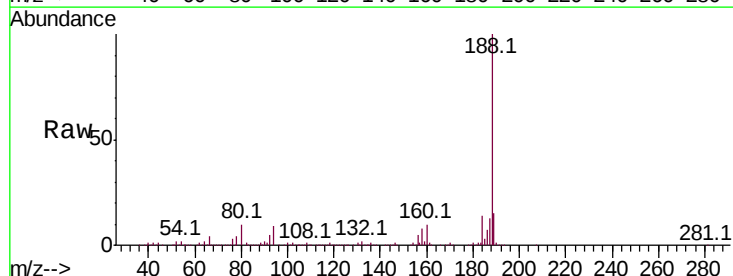
Sohil

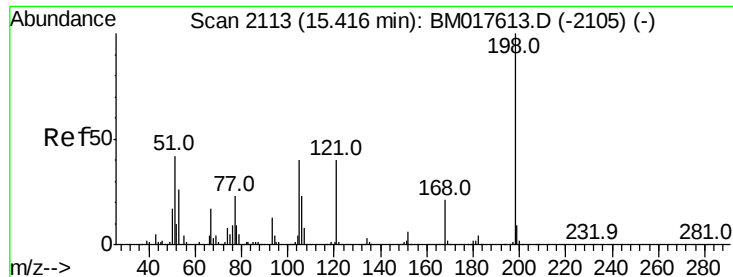
11/15/2018 4:20:19 PM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.02 min Scan# 2385  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.3   | 7.5   | 11.3  |
| 80      | 10.4  | 8.6   | 13.0  |





#65  
4,6-Dinitro-2-methylphenol  
Concen: 35.584 ng  
RT: 15.41 min Scan# 2112  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

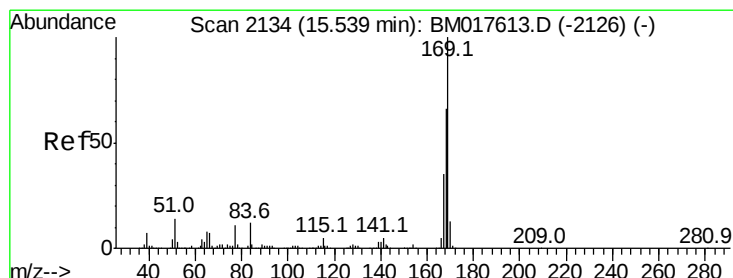
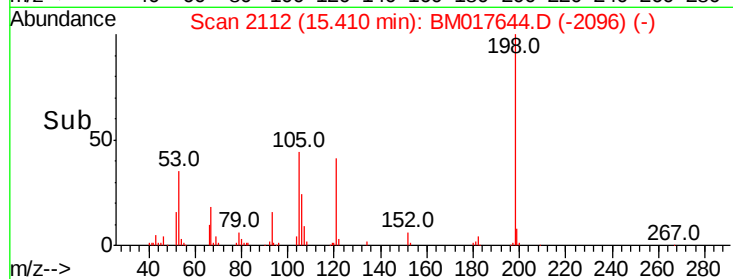
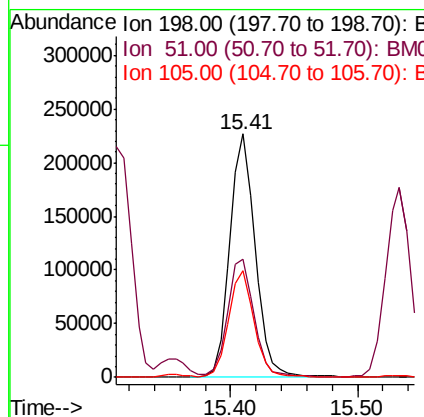
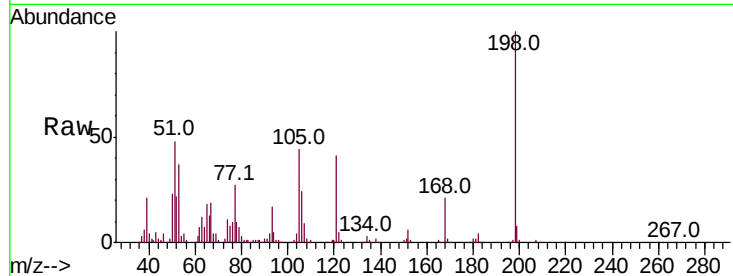
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 198     | 100   |      |       |       |
| 51      | 48.5  | 25.9 | 65.9  |       |
| 105     | 43.9  | 20.6 | 60.6  |       |

Manual Integrations  
APPROVED

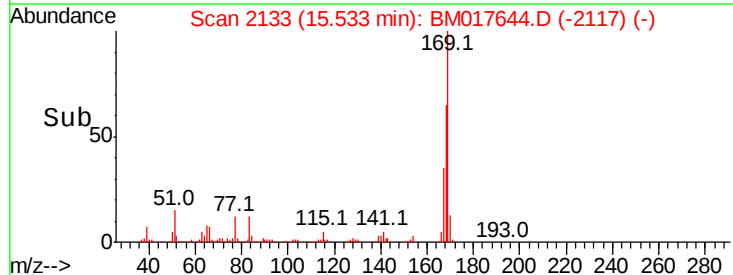
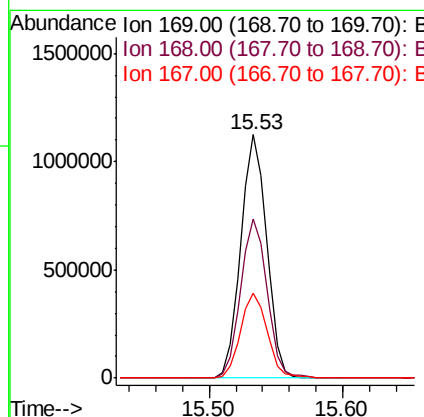
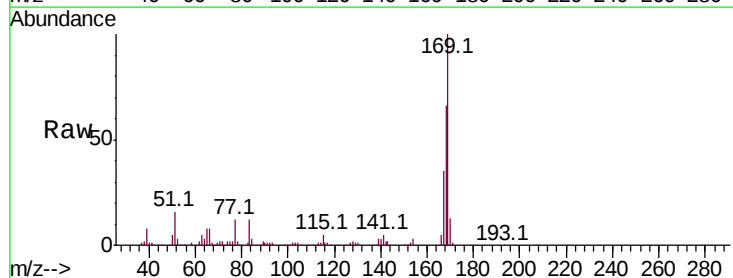
Sohil

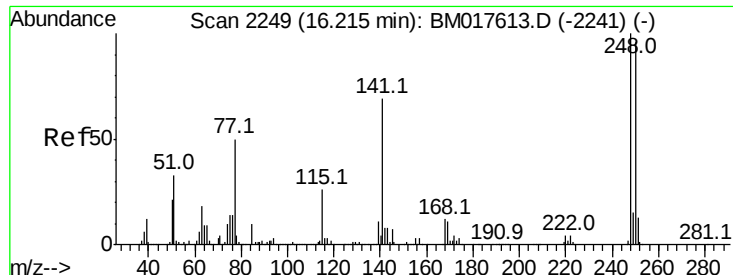
11/15/2018 4:20:19 PM



#66  
n-Nitrosodiphenylamine  
Concen: 36.798 ng  
RT: 15.53 min Scan# 2133  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 65.5  | 53.0 | 79.6  |       |
| 167     | 35.1  | 28.0 | 42.0  |       |





#67  
4-Bromophenyl-phenylether  
Concen: 36.816 ng  
RT: 16.21 min Scan# 2248  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

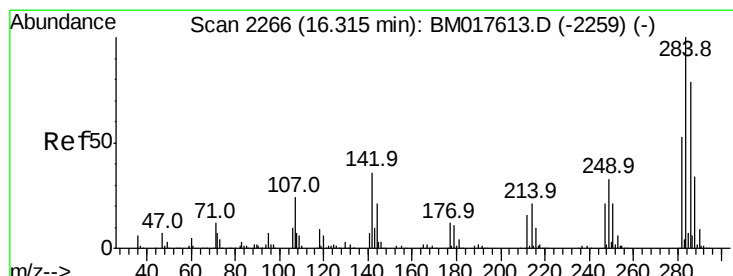
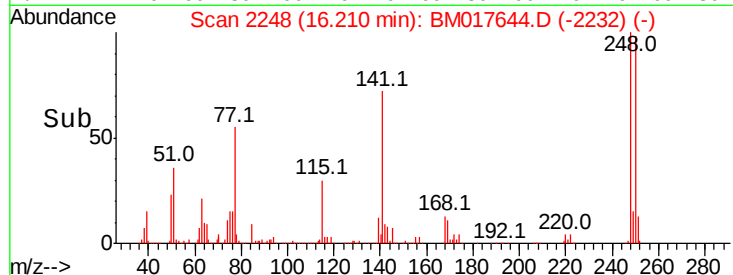
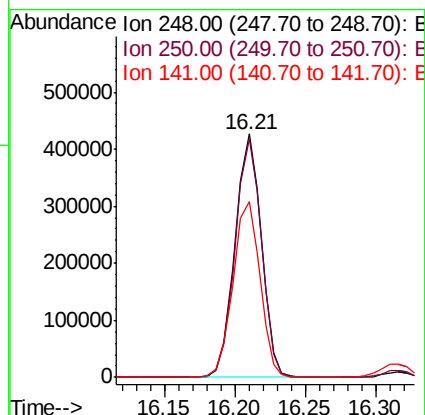
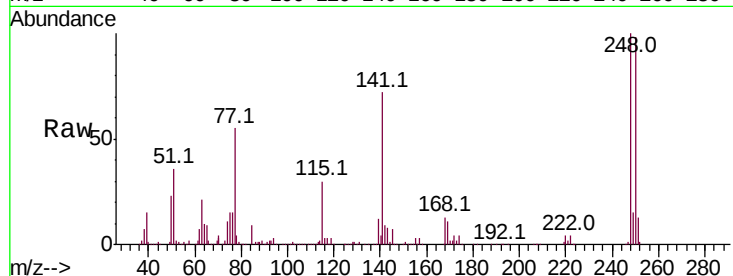
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.8  | 76.5  | 114.7 |
| 141     | 72.4  | 54.9  | 82.3  |

Manual Integrations  
APPROVED

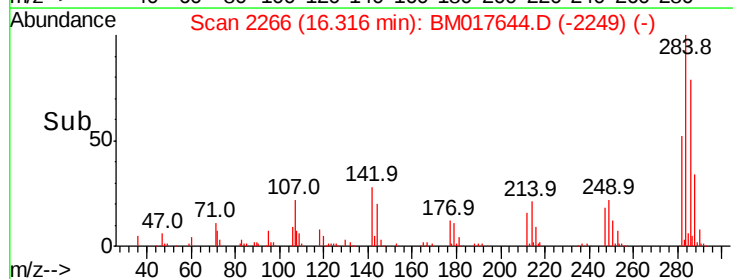
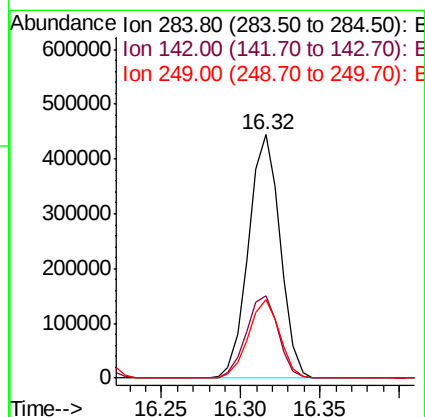
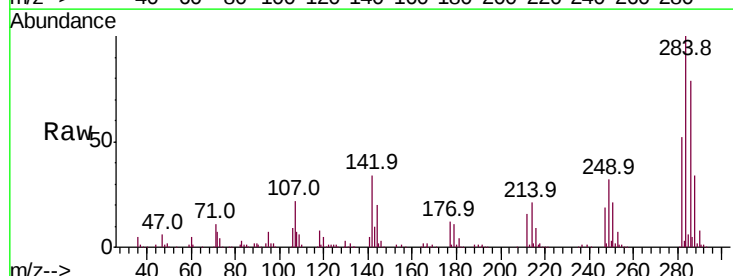
Sohil

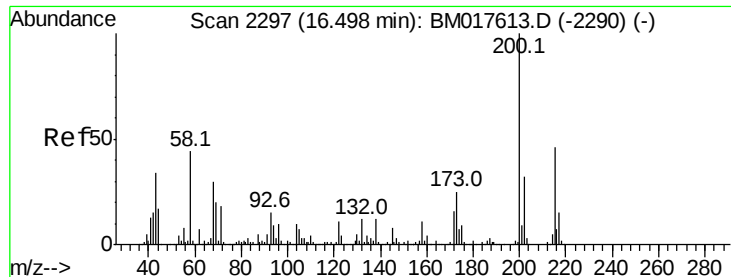
11/15/2018 4:20:19 PM



#68  
Hexachlorobenzene  
Concen: 36.304 ng  
RT: 16.32 min Scan# 2266  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.1  | 28.4  | 42.6  |
| 249     | 32.4  | 26.4  | 39.6  |





#69

Atrazine

Concen: 37.376 ng

RT: 16.50 min Scan# 2297

Delta R.T. 0.00 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

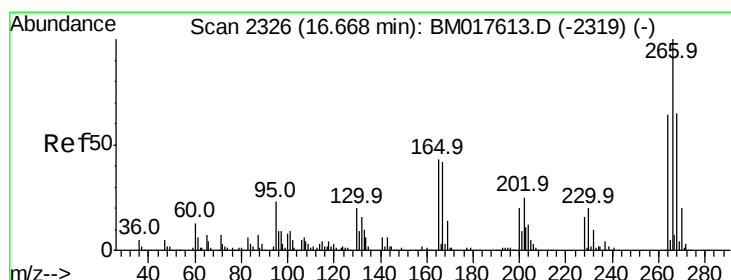
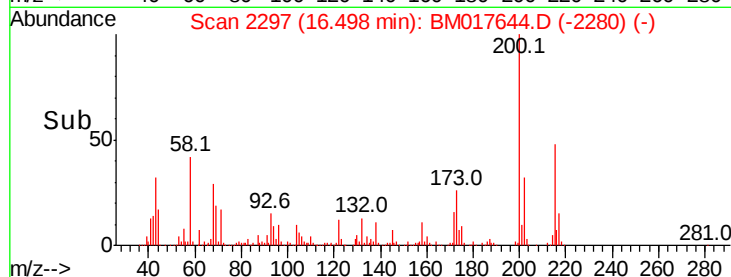
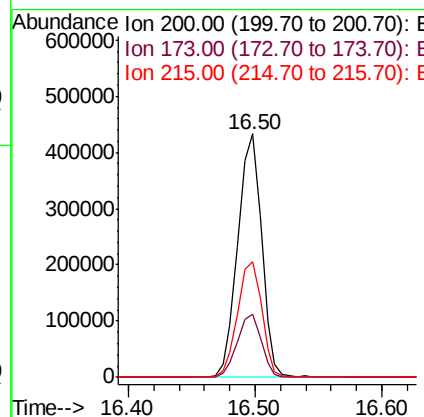
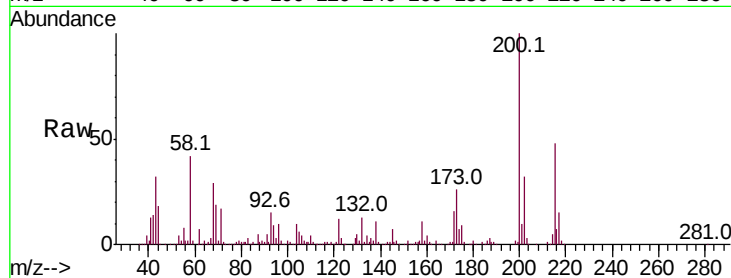
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 200   | Resp: | 563469 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 26.0  | 5.1   | 45.1   |
| 215       | 47.7  | 25.8  | 65.8   |

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#70

Pentachlorophenol

Concen: 35.700 ng

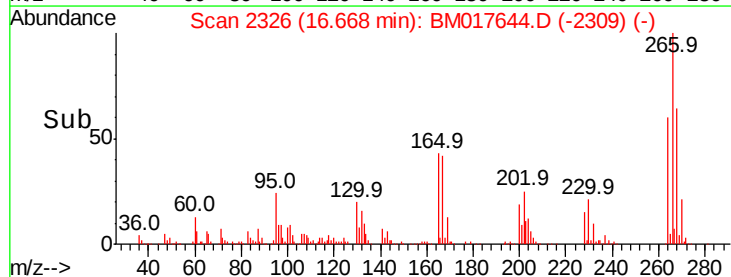
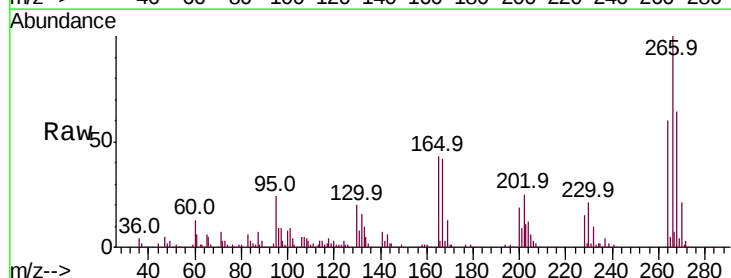
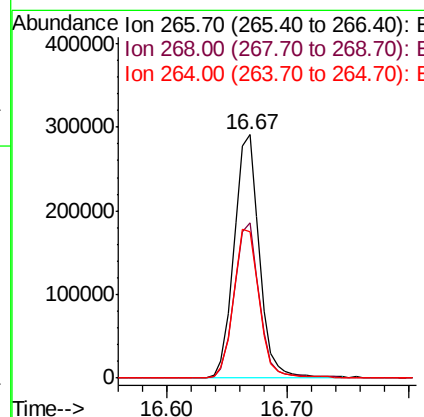
RT: 16.67 min Scan# 2326

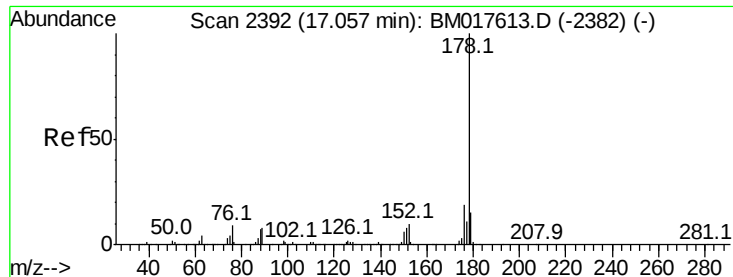
Delta R.T. 0.00 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 266   | Resp: | 425179 |
| Ion Ratio | Lower | Upper |        |
| 266       | 100   |       |        |
| 268       | 63.8  | 51.7  | 77.5   |
| 264       | 60.2  | 51.3  | 76.9   |





#71  
Phenanthrene  
Concen: 36.641 ng  
RT: 17.06 min Scan# 2392  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

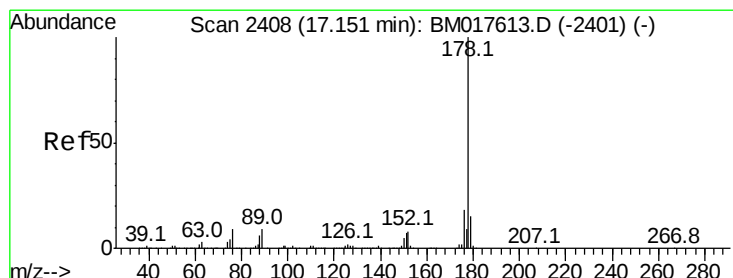
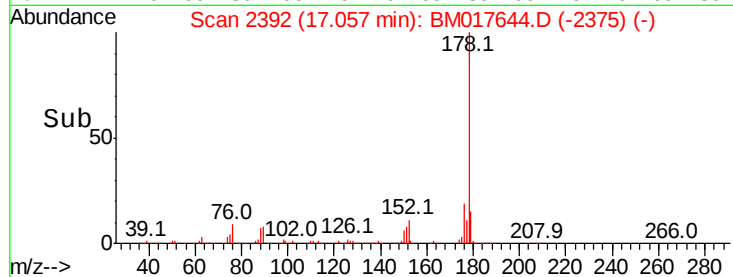
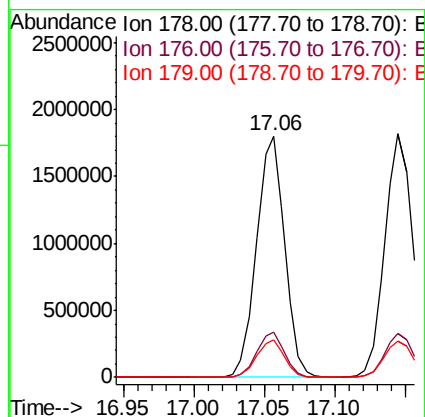
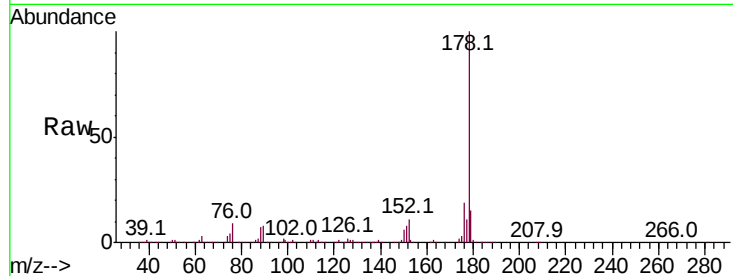
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.0  | 22.4  |
| 179     | 15.3  | 12.4  | 18.6  |

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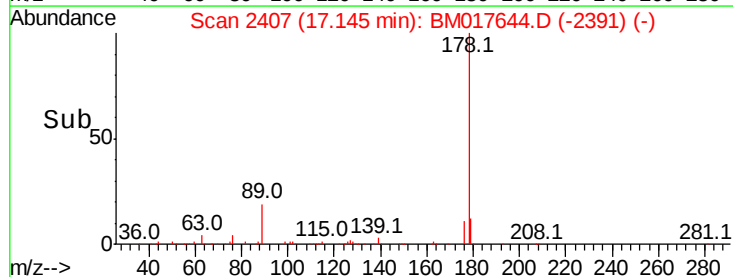
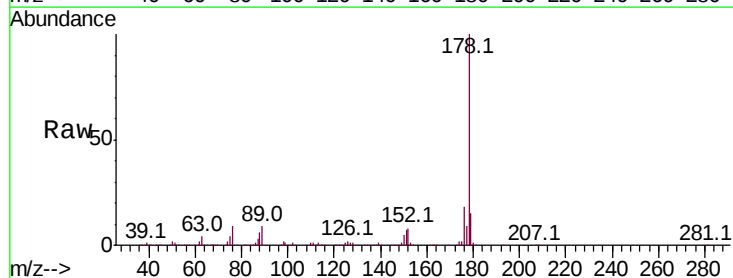
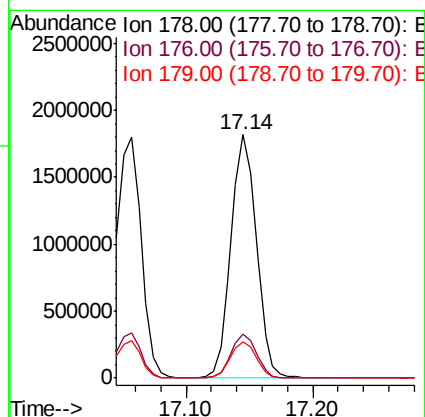
Sohil

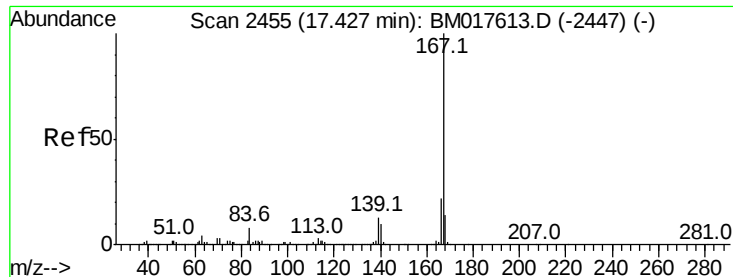
11/15/2018 4:20:19 PM



#72  
Anthracene  
Concen: 37.352 ng  
RT: 17.14 min Scan# 2407  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 17.9  | 14.5  | 21.7  |
| 179     | 15.1  | 12.3  | 18.5  |





#73  
 Carbazole  
 Concen: 37.652 ng  
 RT: 17.43 min Scan# 2455  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

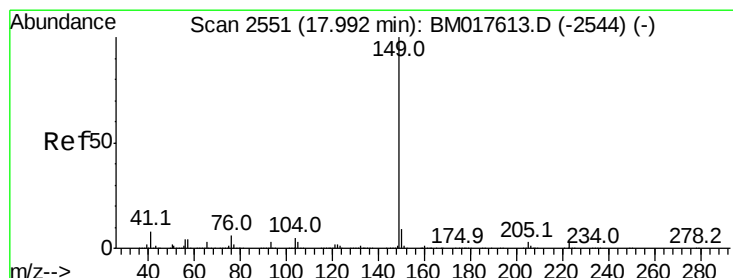
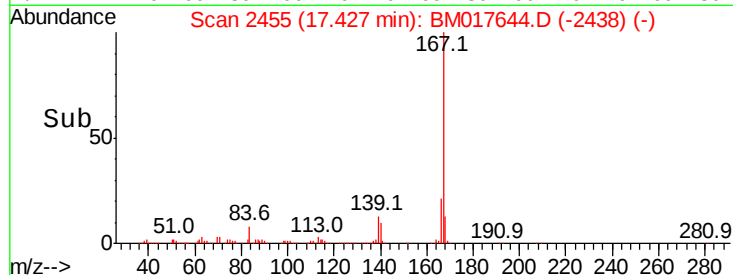
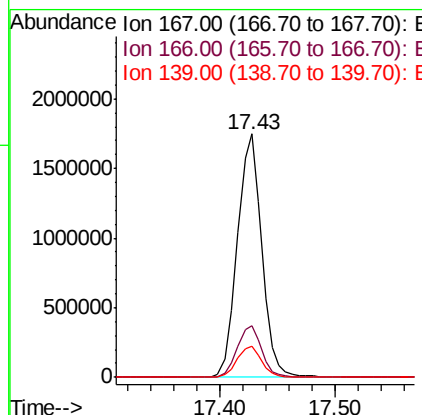
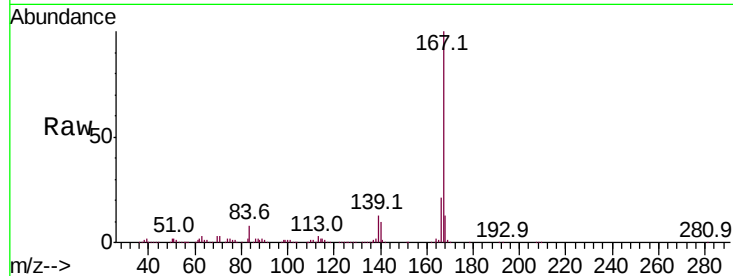
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.0  | 17.2  | 25.8  |
| 139     | 13.0  | 10.2  | 15.4  |

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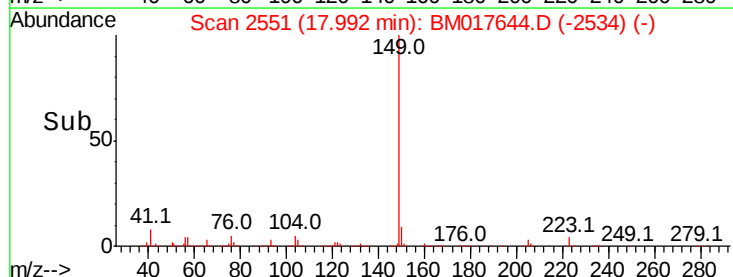
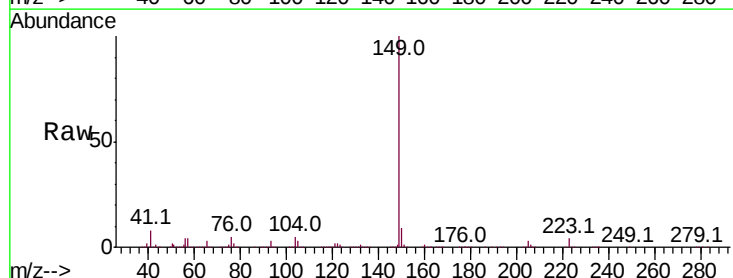
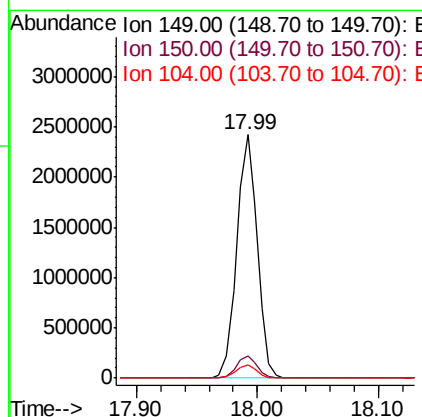
Sohil

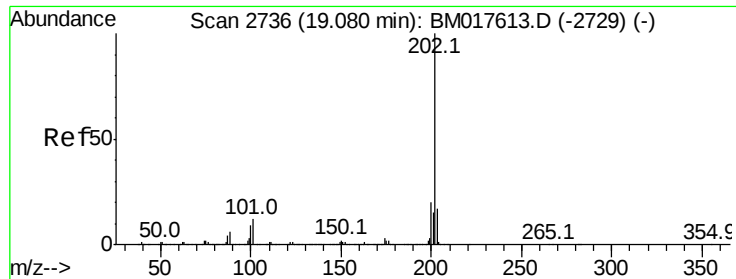
11/15/2018 4:20:19 PM



#74  
 Di-n-butylphthalate  
 Concen: 37.699 ng  
 RT: 17.99 min Scan# 2551  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.0   | 7.4   | 11.2  |
| 104     | 5.5   | 4.3   | 6.5   |





#75  
 Fluoranthene  
 Concen: 36.924 ng  
 RT: 19.08 min Scan# 2736  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

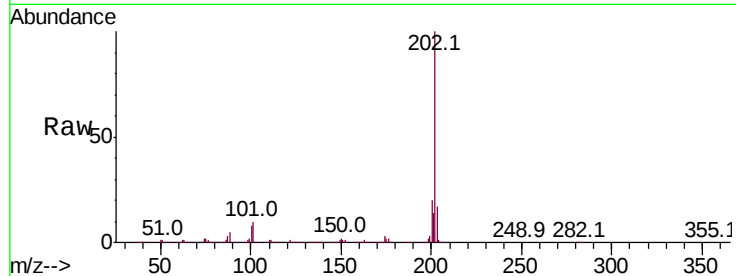
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 202   | Resp: | 2890106 |
| Ion Ratio | Lower | Upper |         |
| 202       | 100   |       |         |
| 101       | 10.3  | 0.0   | 31.5    |
| 203       | 17.3  | 0.0   | 37.2    |

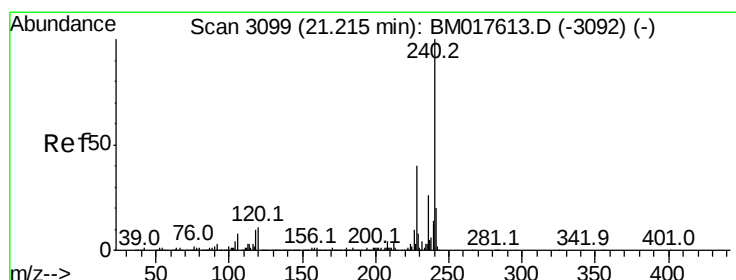
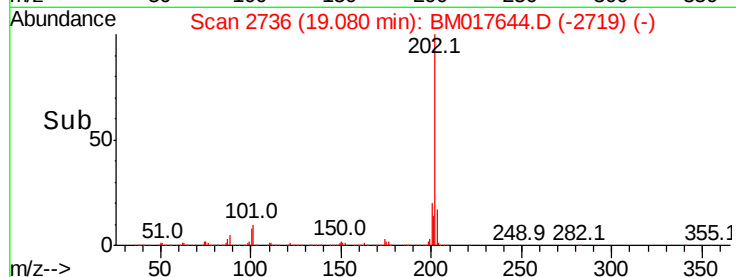
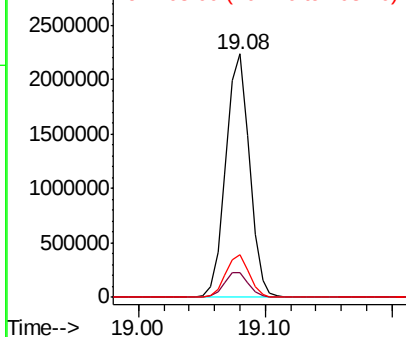
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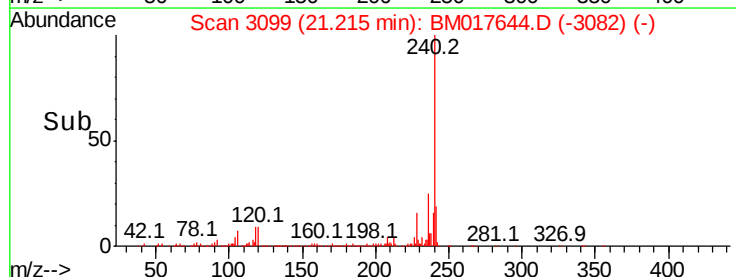
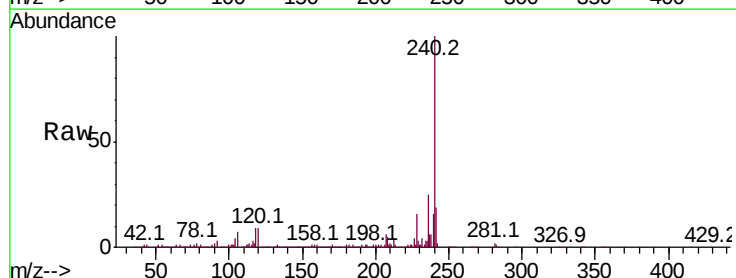
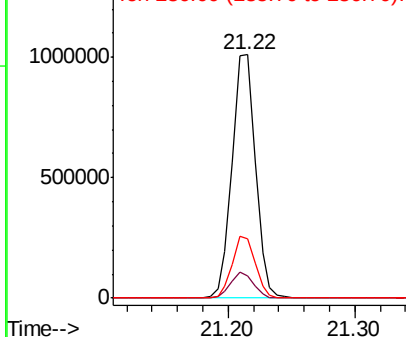
Abundance Ion 202.00 (201.70 to 202.70): E  
 3000000 Ion 101.00 (100.70 to 101.70): E  
 2500000 Ion 203.00 (202.70 to 203.70): E

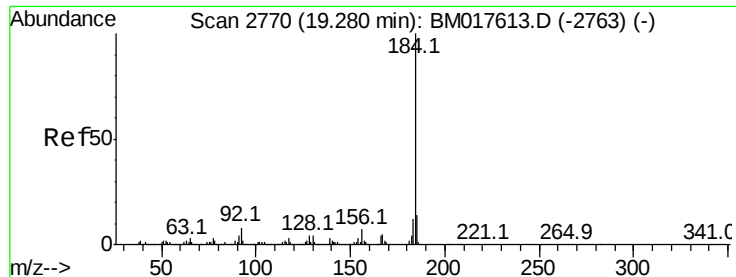


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.22 min Scan# 3099  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 240   | Resp: | 1284828 |
| Ion Ratio | Lower | Upper |         |
| 240       | 100   |       |         |
| 120       | 9.3   | 8.5   | 12.7    |
| 236       | 24.6  | 20.4  | 30.6    |

Abundance Ion 240.00 (239.70 to 240.70): E  
 1000000 Ion 120.00 (119.70 to 120.70): E  
 500000 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.442 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampled :

SSTDCCC040

Tot Ion:184 Resp: 1273649

Ion Ratio Lower Upper

184 100

185 13.8 11.2 16.8

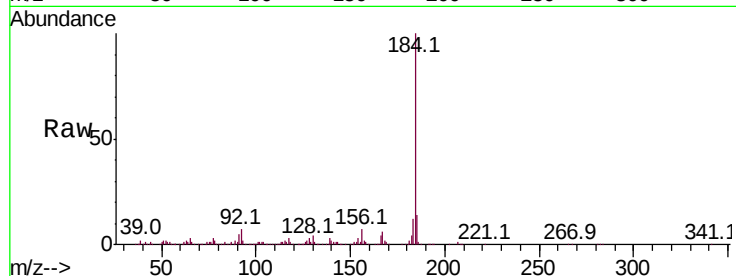
183 11.9 9.5 14.3

Manual Integrations

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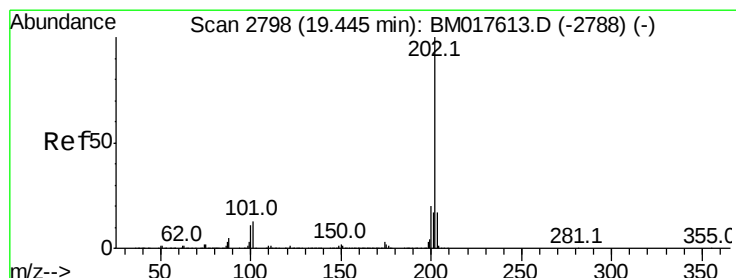
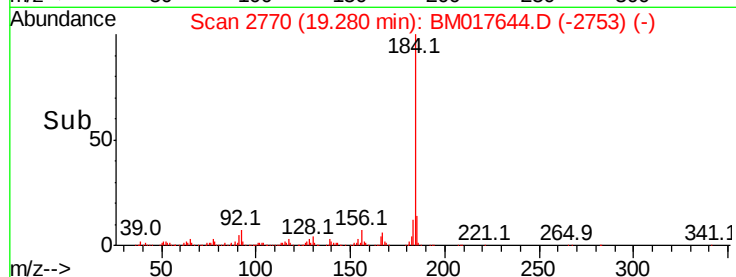
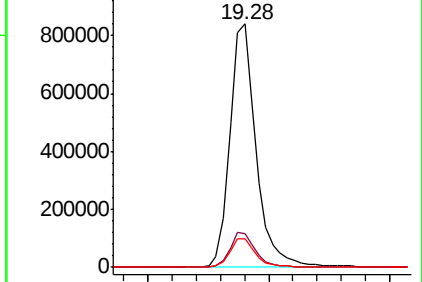
11/15/2018 4:20:19 PM



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.618 ng

RT: 19.44 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

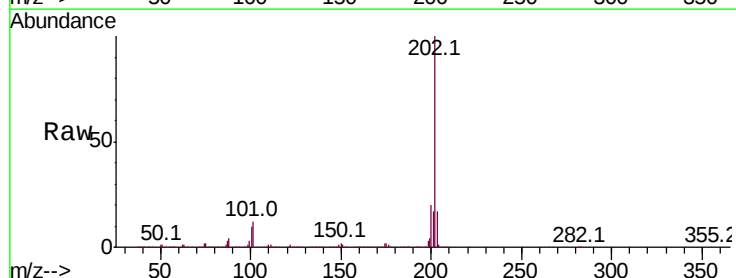
Tgt Ion:202 Resp: 3061444

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

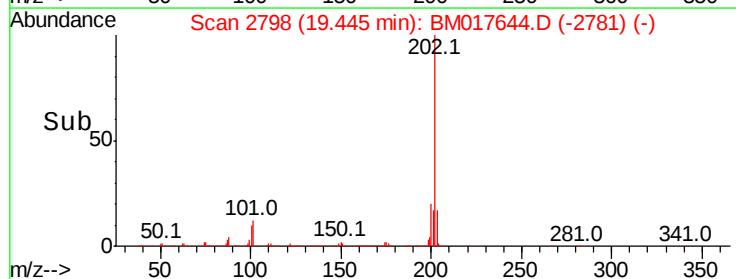
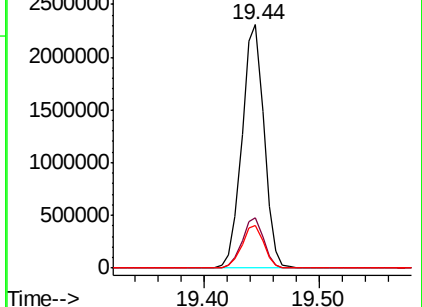
203 17.3 13.8 20.8

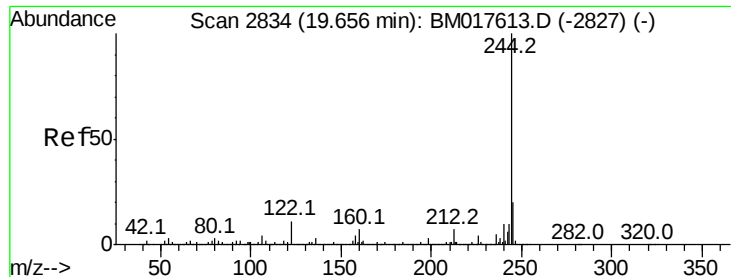


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79  
 Terphenyl-d14  
 Concen: 77.502 ng  
 RT: 19.66 min Scan# 2834  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

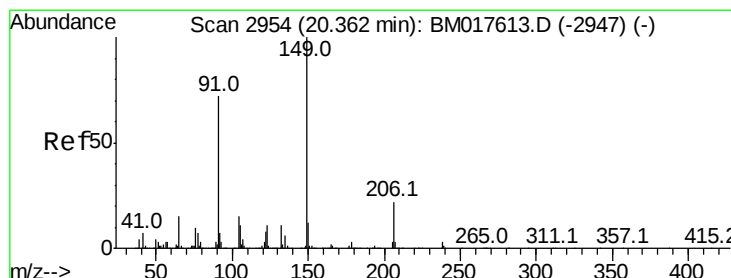
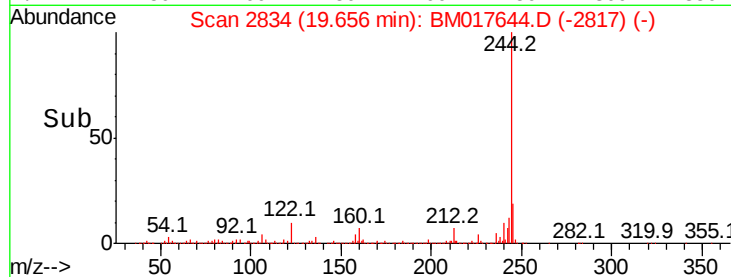
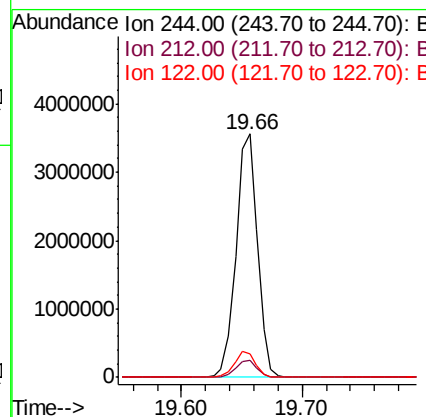
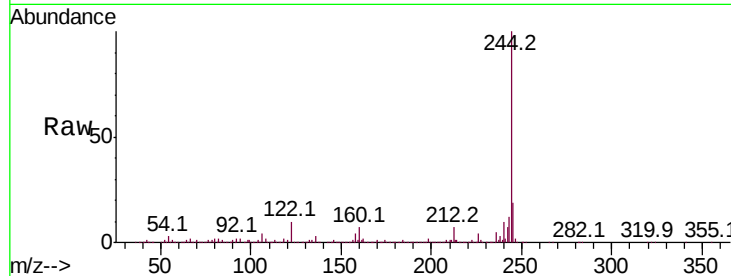
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.0   | 5.8   | 8.6   |
| 122     | 9.8   | 9.0   | 13.6  |

Manual Integrations  
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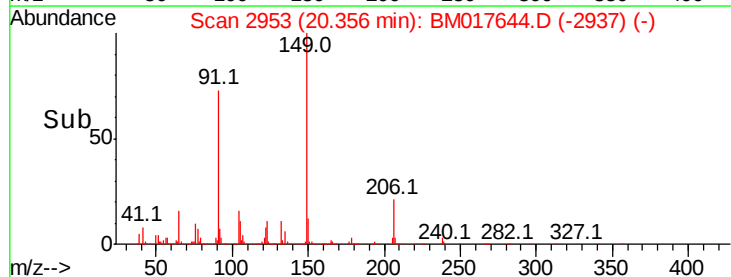
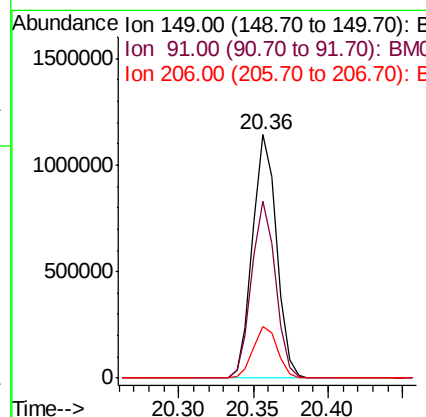
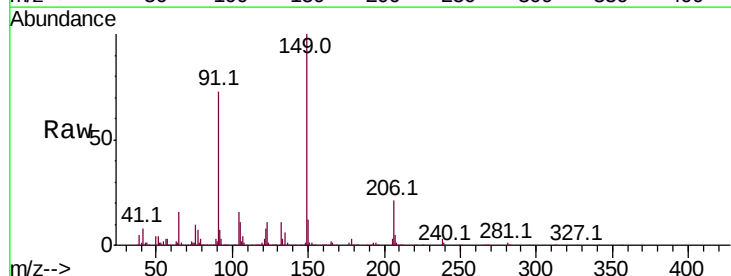
Sohil

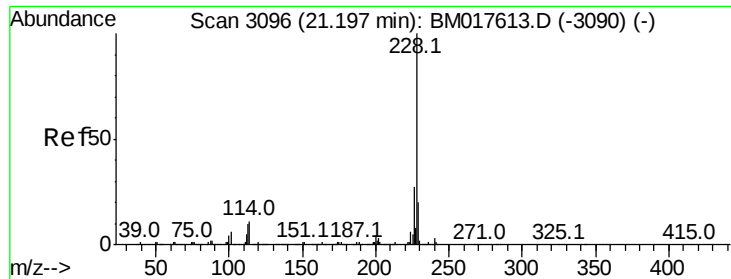
11/15/2018 4:20:19 PM



#80  
 Butylbenzylphthalate  
 Concen: 39.351 ng  
 RT: 20.36 min Scan# 2953  
 Delta R.T. -0.01 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.6  | 57.6  | 86.4  |
| 206     | 21.2  | 17.4  | 26.0  |





#81  
Benzo(a)anthracene  
Concen: 36.800 ng  
RT: 21.20 min Scan# 3096  
Delta R.T. 0.00 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

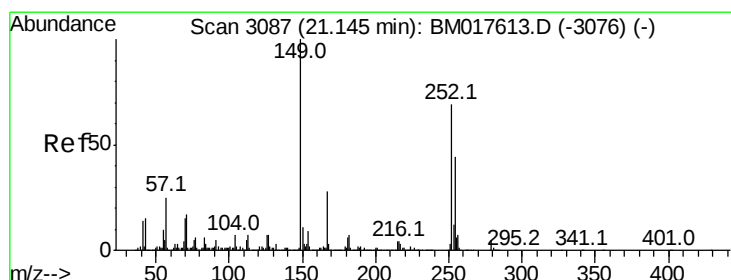
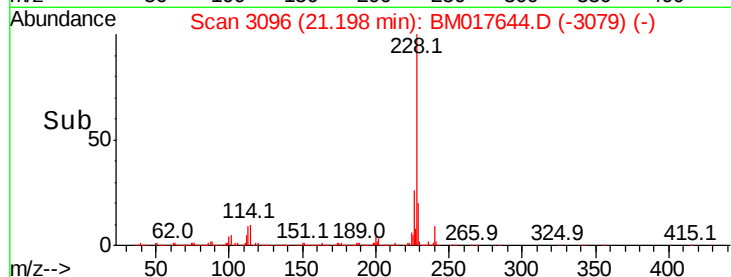
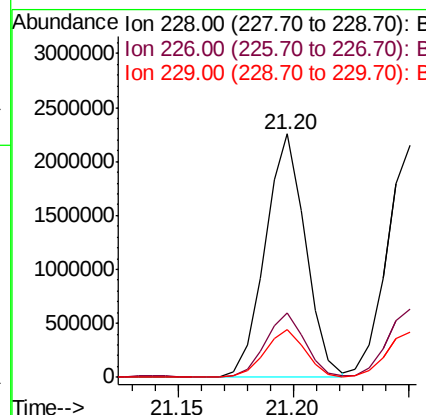
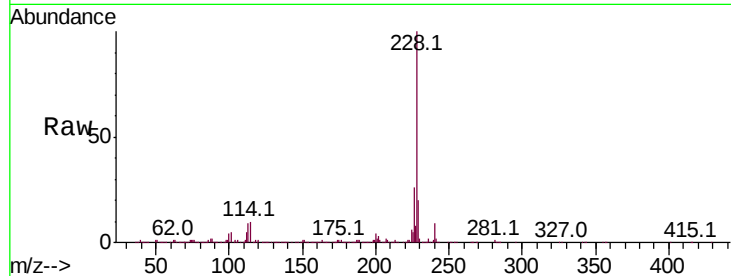
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.4  | 21.3  | 31.9  |
| 229     | 19.7  | 16.0  | 24.0  |

Manual Integrations  
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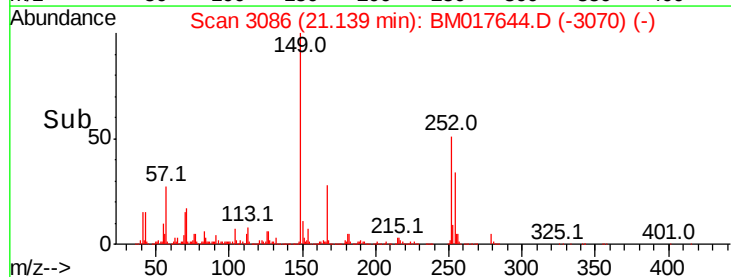
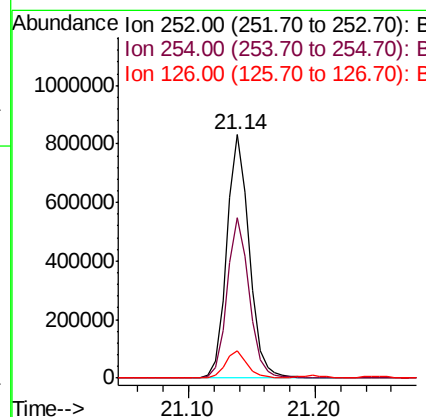
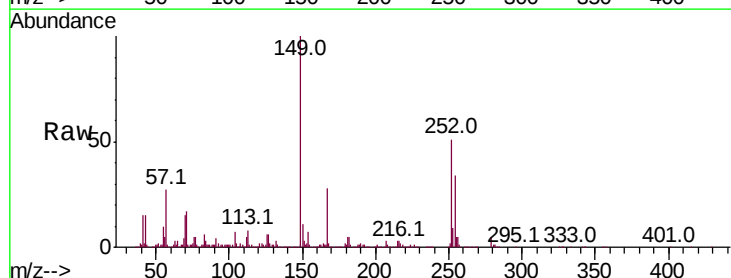
Sohil

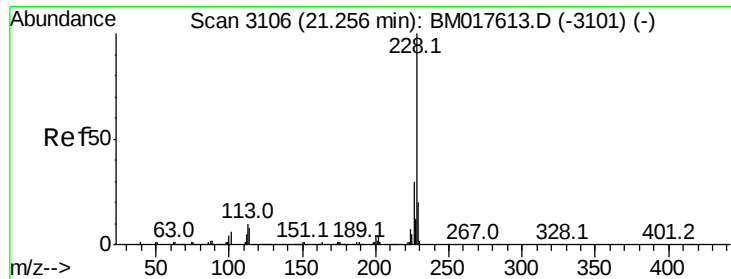
11/15/2018 4:20:19 PM



#82  
3,3'-Dichlorobenzidine  
Concen: 35.836 ng  
RT: 21.14 min Scan# 3086  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.0  | 51.4  | 77.2  |
| 126     | 11.0  | 8.0   | 12.0  |





#83  
 Chrvsene  
 Concen: 36.714 ng  
 RT: 21.25 min Scan# 3105  
 Delta R.T. -0.01 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

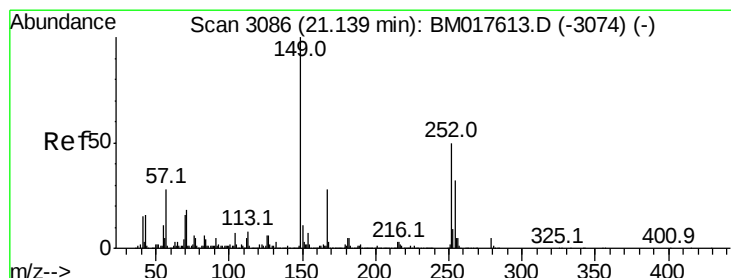
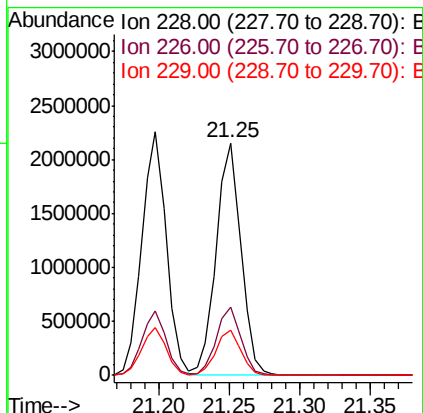
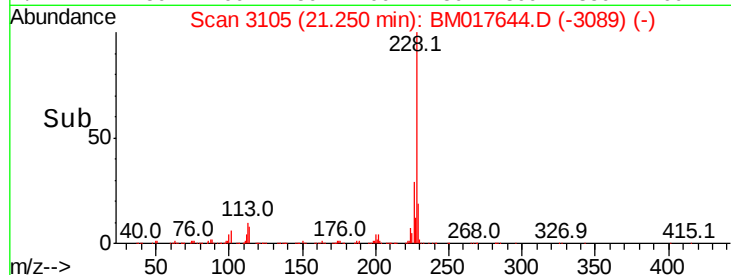
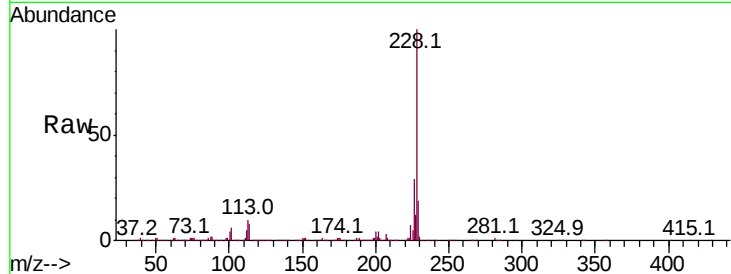
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 228   | Resp: | 2639499 |
| Ion      | Ratio | Lower | Upper   |
| 228      | 100   |       |         |
| 226      | 29.2  | 23.6  | 35.4    |
| 229      | 19.4  | 15.8  | 23.6    |

Manual Integrations  
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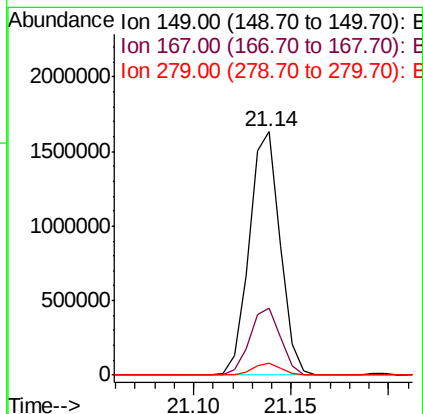
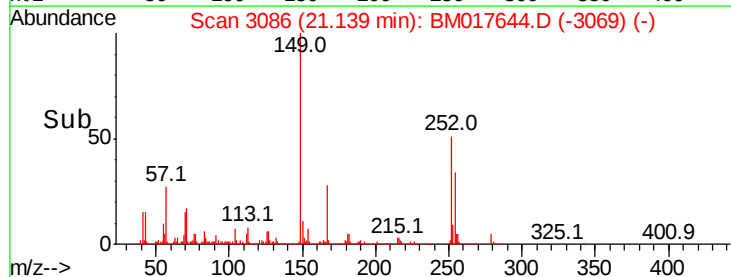
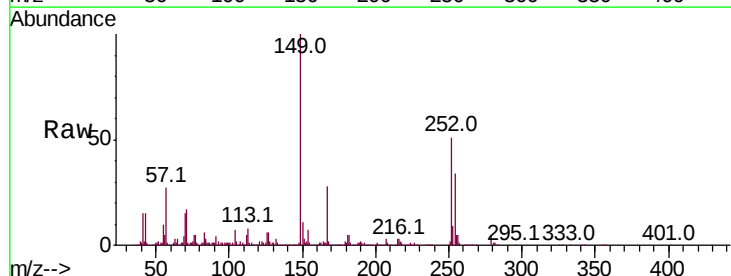
Sohil

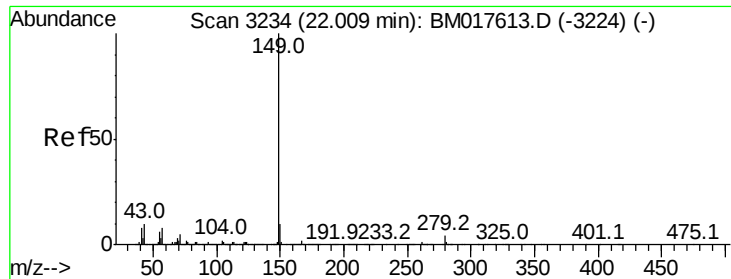
11/15/2018 4:20:19 PM



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.470 ng  
 RT: 21.14 min Scan# 3086  
 Delta R.T. 0.00 min  
 Lab File: BM017644.D  
 Acq: 14 Nov 2018 13:12

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1783547 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 167      | 27.8  | 22.2  | 33.4    |
| 279      | 4.9   | 3.7   | 5.5     |





#85

Di-n-octyl phthalate

Concen: 36.322 ng

RT: 22.00 min Scan# 3233

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 2768465

Ion Ratio Lower Upper

149 100

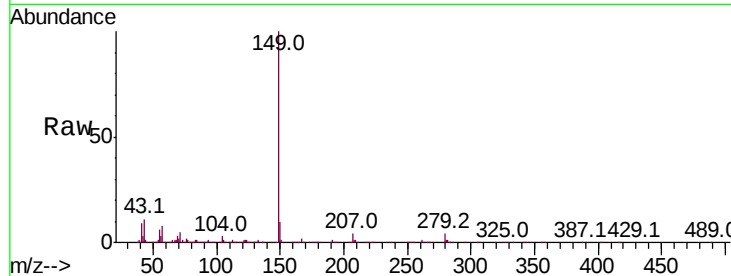
167 1.6 1.3 1.9

43 10.5 8.3 12.5

Manual Integrations  
APPROVED

Sohil

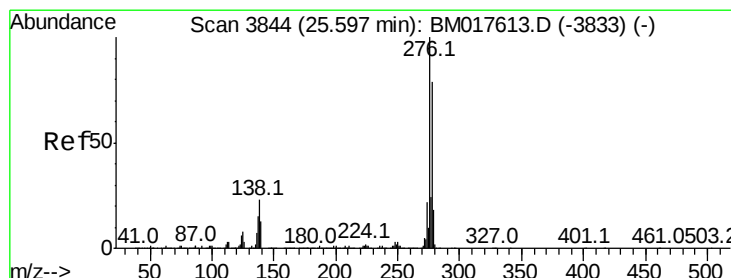
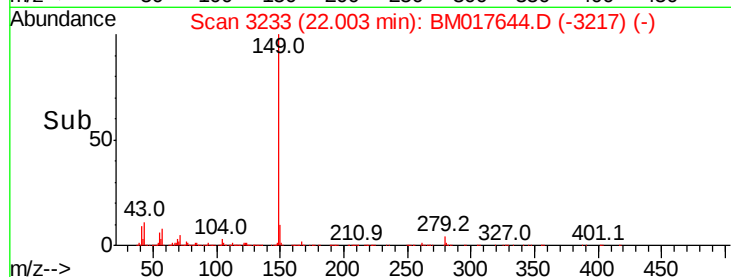
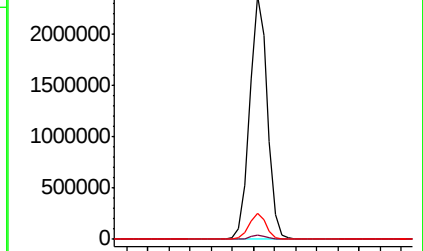
11/15/2018 4:20:19 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.743 ng

RT: 25.59 min Scan# 3843

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

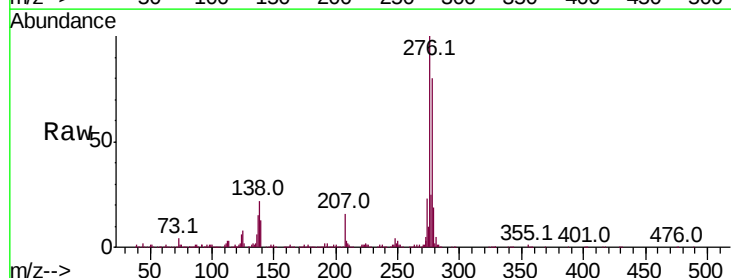
Tgt Ion:276 Resp: 2053485

Ion Ratio Lower Upper

276 100

138 23.1 19.1 28.7

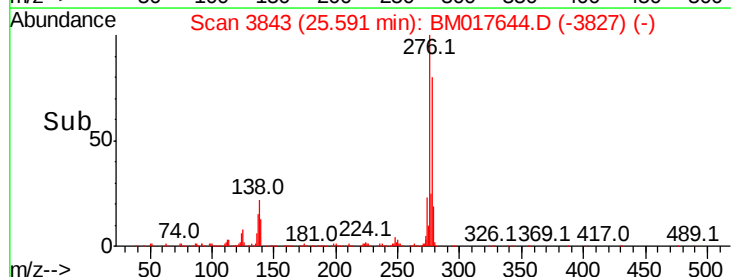
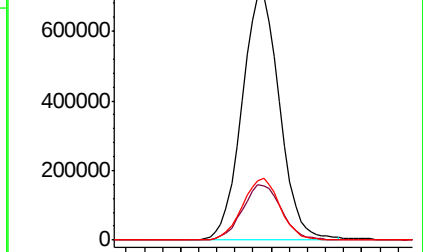
277 25.1 20.0 30.0

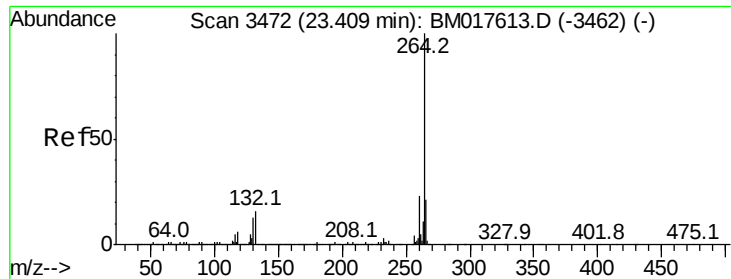


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.40 min Scan# 3471  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

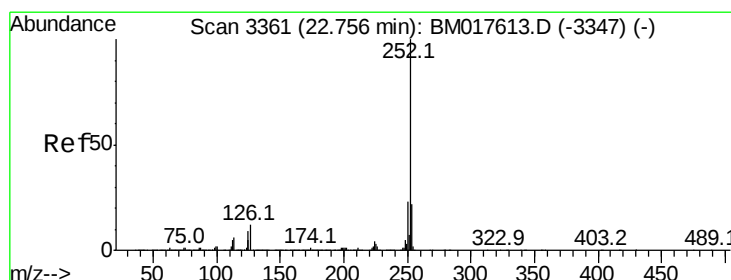
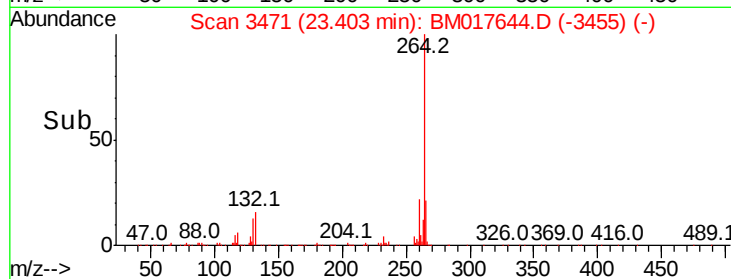
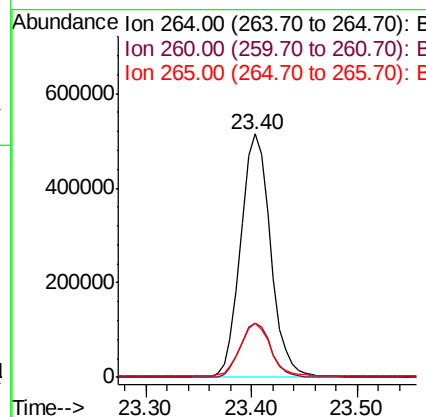
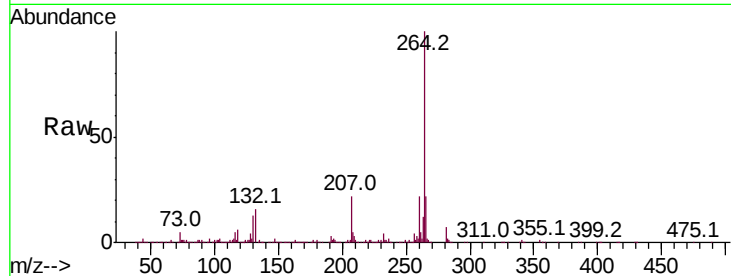
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.5  | 18.2  | 27.2  |
| 265     | 22.0  | 17.5  | 26.3  |

Manual Integrations  
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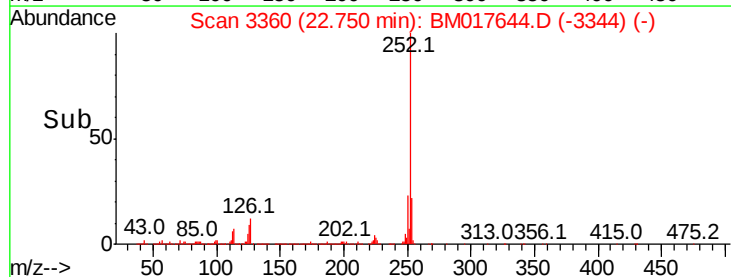
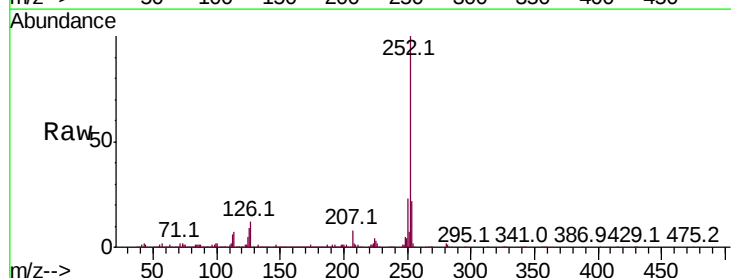
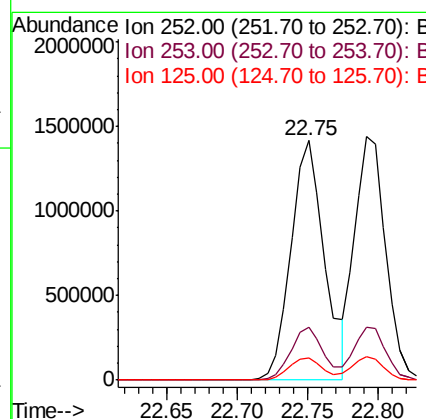
Sohil

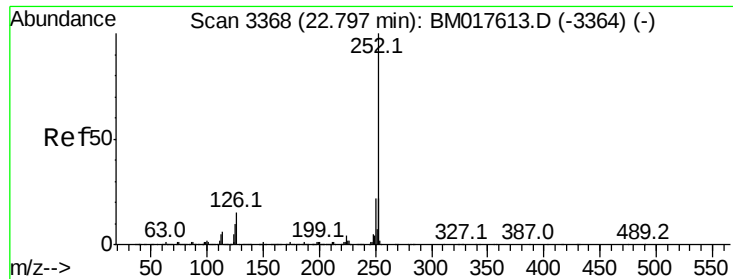
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#88  
Benzo(b)fluoranthene  
Concen: 39.246 ng  
RT: 22.75 min Scan# 3360  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.3  | 25.9  |
| 125     | 9.3   | 7.6   | 11.4  |





#89  
Benzo(k)fluoranthene  
Concen: 36.318 ng  
RT: 22.79 min Scan# 3367  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

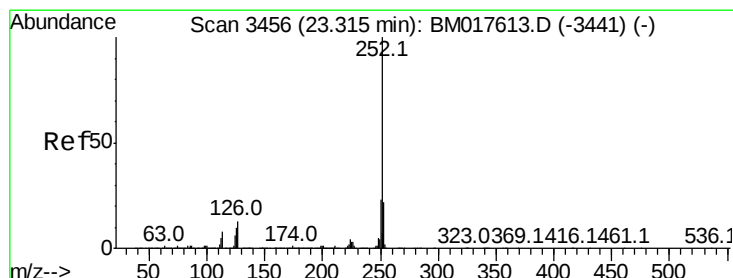
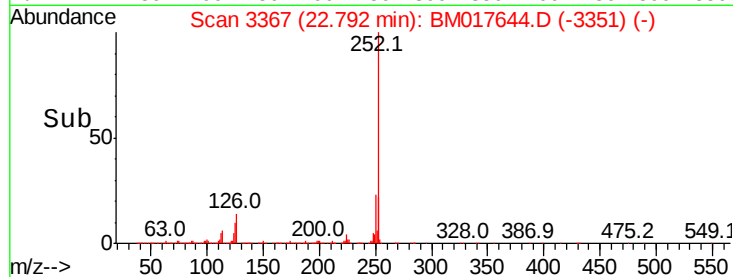
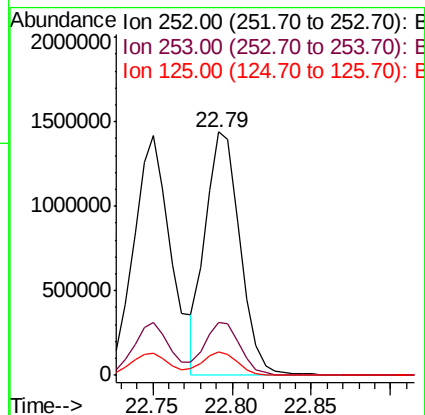
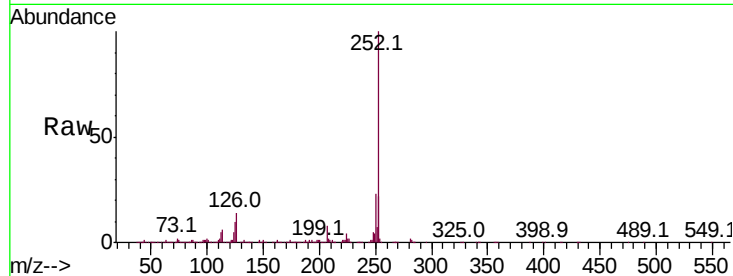
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.7  | 26.5  |
| 125     | 9.6   | 7.9   | 11.9  |

Manual Integrations  
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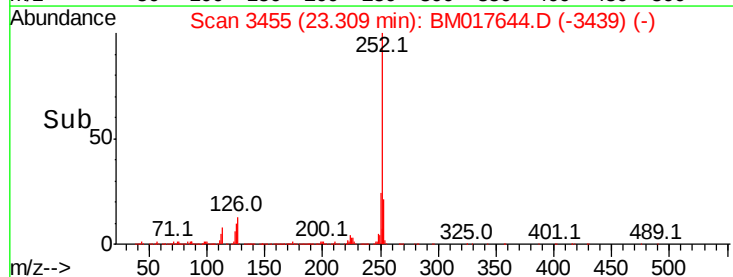
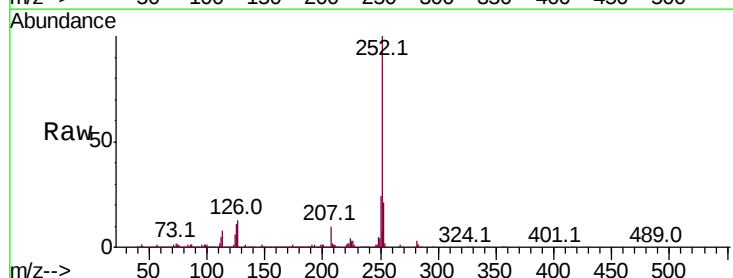
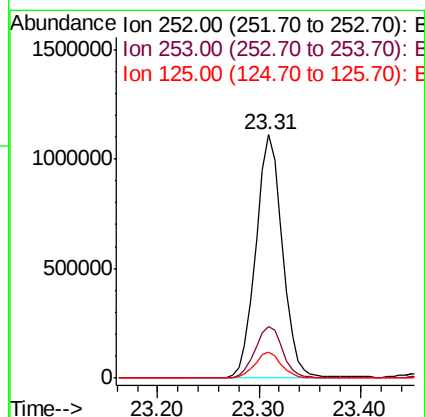
Sohil

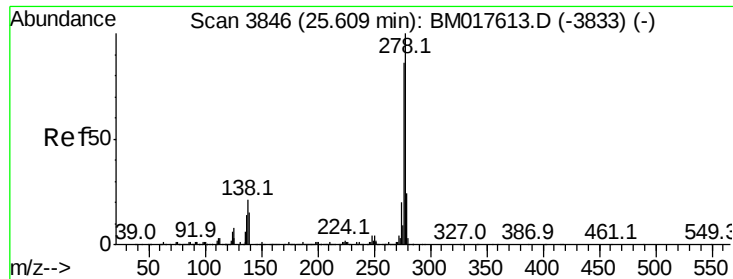
11/15/2018 4:20:19 PM



#90  
Benzo(a)pyrene  
Concen: 37.408 ng  
RT: 23.31 min Scan# 3455  
Delta R.T. -0.01 min  
Lab File: BM017644.D  
Acq: 14 Nov 2018 13:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.4  | 26.2  |
| 125     | 10.5  | 8.2   | 12.2  |





#91

Dibenzo(a,h)anthracene

Concen: 38.375 ng

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 1746202

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 14.9  | 11.8  | 17.6  |
| 279 | 23.2  | 19.0  | 28.6  |

278 100

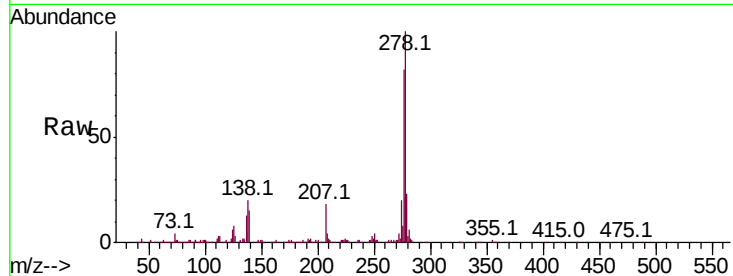
139 14.9 11.8 17.6

279 23.2 19.0 28.6

Manual Integrations  
APPROVED

Sohil

11/15/2018 4:20:19 PM

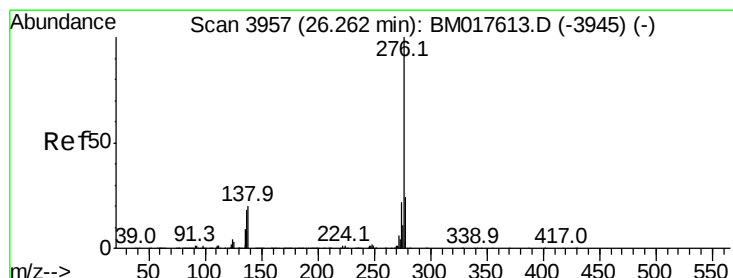
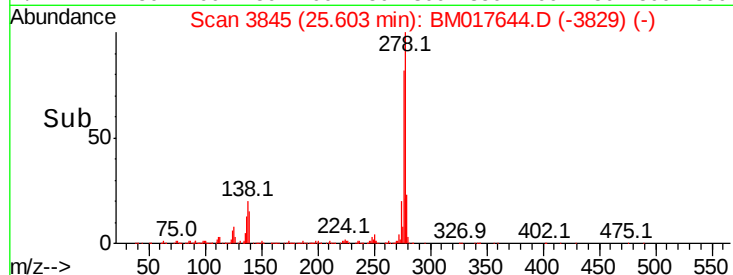
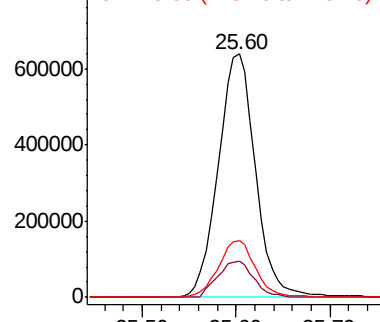


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.066 ng

RT: 26.26 min Scan# 3956

Delta R.T. -0.01 min

Lab File: BM017644.D

Acq: 14 Nov 2018 13:12

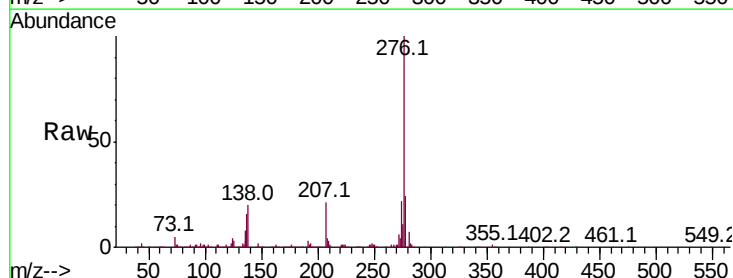
Tgt Ion:276 Resp: 1671640

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.0  | 19.0  | 28.4  |
| 138 | 19.6  | 15.9  | 23.9  |

276 100

277 24.0 19.0 28.4

138 19.6 15.9 23.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

