

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\  
 Data File : BM016374.D  
 Acq On : 15 Aug 2018 11:17  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

Sohil

Quant Time: Aug 16 09:42:06 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 15 11:23:48 2018  
 Response via : Initial Calibration

8/16/2018 5:28:05 PM

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 22905    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 91703    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.75 | 164  | 50597    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.49 | 188  | 108801   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.62 | 240  | 127603   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.94 | 264  | 130417   | 20.00 | ng    | 0.00     |

#### System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 115482 | 83.75 | ng | 0.00 |
| 7) Phenol-d6             | 7.29  | 99  | 140960 | 78.28 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 176695 | 89.62 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 49583  | 77.26 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.37 | 172 | 358961 | 86.32 | ng | 0.00 |
| 78) Terphenyl-d14        | 20.07 | 244 | 539838 | 88.56 | ng | 0.00 |

#### Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 29252  | 45.278 | ng | # 100  |
| 3) Pyridine                    | 3.88  | 79  | 61795  | 39.705 | ng | # 66   |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 58376  | 48.089 | ng | # 30   |
| 6) Aniline                     | 7.45  | 93  | 78805  | 38.008 | ng | # 89   |
| 8) 2-Chlorophenol              | 7.67  | 128 | 65826  | 40.167 | ng | 95     |
| 9) Benzaldehyde                | 7.26  | 77  | 51015  | 40.322 | ng | 83     |
| 10) Phenol                     | 7.31  | 94  | 68918  | 38.274 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 52929  | 37.209 | ng | 89     |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 75578  | 39.399 | ng | # 88   |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 76762  | 39.456 | ng | # 93   |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 75703  | 39.768 | ng | # 94   |
| 15) Benzyl Alcohol             | 8.37  | 79  | 59641  | 41.595 | ng | # 84   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.64  | 45  | 69562m | 31.952 | ng |        |
| 17) 2-Methylphenol             | 8.57  | 107 | 48058  | 39.048 | ng | # 80   |
| 18) Hexachloroethane           | 9.18  | 117 | 37223  | 44.262 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70  | 49878  | 37.896 | ng | # 64   |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 66372  | 37.483 | ng | 83     |
| 22) Acetophenone               | 8.96  | 105 | 93453  | 40.472 | ng | # 78   |
| 24) Nitrobenzene               | 9.35  | 77  | 83087  | 41.866 | ng | # 95   |
| 25) Isophorone                 | 9.86  | 82  | 111662 | 41.404 | ng | # 92   |
| 26) 2-Nitrophenol              | 10.05 | 139 | 35011  | 42.260 | ng | # 37   |
| 27) 2,4-Dimethylphenol         | 10.10 | 122 | 47080  | 40.790 | ng | # 74   |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 64609  | 36.859 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.59 | 162 | 59671  | 43.507 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 70944  | 42.572 | ng | 95     |
| 31) Naphthalene                | 10.97 | 128 | 179520 | 38.680 | ng | 98     |
| 32) Benzoic acid               | 10.28 | 122 | 36728  | 41.743 | ng | # 81   |
| 33) 4-Chloroaniline            | 11.10 | 127 | 75573  | 39.902 | ng | # 86   |
| 34) Hexachlorobutadiene        | 11.23 | 225 | 57508  | 49.751 | ng | 97     |
| 35) Caprolactam                | 11.92 | 113 | 14868  | 39.140 | ng | # 87   |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 64540  | 42.783 | ng | 85     |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 124083 | 39.911 | ng | # 86   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216 | 78049  | 45.310 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.90 | 237 | 28395  | 38.034 | ng | 88     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\  
 Data File : BM016374.D  
 Acq On : 15 Aug 2018 11:17  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDC0040

Manual Integrations  
 APPROVED

Sohil

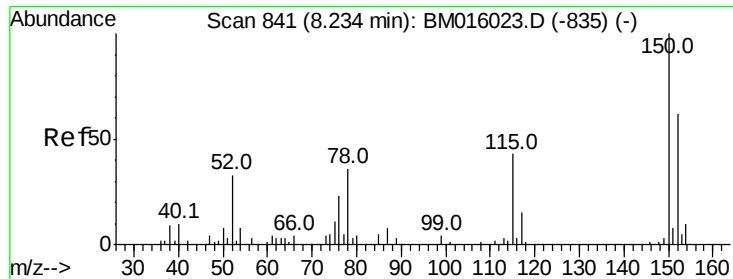
Quant Time: Aug 16 09:42:06 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 15 11:23:48 2018  
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8/16/2018 5:28:05 PM

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.19 | 196  | 48010    | 44.547 | nq    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.27 | 196  | 49527    | 44.552 | nq #  | 84       |
| 45) 1,1'-Biphenyl              | 13.58 | 154  | 176738   | 38.705 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.63 | 162  | 139862   | 39.381 | nq #  | 88       |
| 47) 2-Nitroaniline             | 13.86 | 65   | 48790    | 41.553 | nq #  | 75       |
| 48) Acenaphthylene             | 14.47 | 152  | 205312   | 39.489 | nq    | 98       |
| 49) Dimethylphthalate          | 14.21 | 163  | 179392   | 40.513 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.35 | 165  | 35724    | 40.097 | nq #  | 48       |
| 51) Acenaphthene               | 14.82 | 154  | 122913   | 38.439 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.69 | 138  | 36181    | 37.598 | nq #  | 77       |
| 53) 2,4-Dinitrophenol          | 14.92 | 184  | 15892    | 44.482 | nq #  | 73       |
| 54) Dibenzofuran               | 15.14 | 168  | 206848   | 39.255 | nq #  | 75       |
| 55) 4-Nitrophenol              | 15.01 | 139  | 23090    | 33.471 | nq #  | 86       |
| 56) 2,4-Dinitrotoluene         | 15.14 | 165  | 52959    | 41.572 | nq #  | 63       |
| 57) Fluorene                   | 15.79 | 166  | 154846   | 39.546 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 40833    | 42.734 | nq #  | 100      |
| 59) Diethylphthalate           | 15.56 | 149  | 199658   | 41.833 | nq #  | 93       |
| 60) 4-Chlorophenyl-phenylether | 15.78 | 204  | 93731    | 43.000 | nq #  | 88       |
| 61) 4-Nitroaniline             | 15.85 | 138  | 34399    | 37.257 | nq #  | 1        |
| 62) Azobenzene                 | 16.07 | 77   | 219004   | 43.570 | nq #  | 71       |
| 64) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 27927    | 42.289 | nq #  | 84       |
| 65) n-Nitrosodiphenylamine     | 16.00 | 169  | 142267   | 39.710 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.67 | 248  | 52719    | 42.791 | nq #  | 68       |
| 67) Hexachlorobenzene          | 16.79 | 284  | 52833    | 38.942 | nq #  | 63       |
| 68) Atrazine                   | 16.94 | 200  | 52895    | 41.194 | nq    | 96       |
| 69) Pentachlorophenol          | 17.14 | 266  | 31742    | 37.783 | nq    | 96       |
| 70) Phenanthrene               | 17.53 | 178  | 232649   | 38.193 | nq    | 99       |
| 71) Anthracene                 | 17.62 | 178  | 235307   | 39.747 | nq    | 98       |
| 72) Carbazole                  | 17.90 | 167  | 233410   | 38.057 | nq #  | 94       |
| 73) Di-n-butylphthalate        | 18.42 | 149  | 330619   | 43.261 | nq #  | 96       |
| 74) Fluoranthene               | 19.52 | 202  | 280406   | 41.268 | nq    | 96       |
| 76) Benzydine                  | 19.71 | 184  | 101210   | 28.384 | nq    | 99       |
| 77) Pyrene                     | 19.88 | 202  | 293598   | 38.395 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.74 | 149  | 166530   | 42.869 | nq #  | 73       |
| 80) Benzo(a)anthracene         | 21.60 | 228  | 315986   | 40.206 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 124394   | 39.296 | nq    | 99       |
| 82) Chrysene                   | 21.66 | 228  | 301464   | 39.987 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.49 | 149  | 244000   | 43.340 | nq    | 93       |
| 84) Di-n-octyl phthalate       | 22.39 | 149  | 413448   | 43.695 | nq #  | 87       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.32 | 276  | 372823   | 41.674 | nq    | 98       |
| 87) Benzo(b)fluoranthene       | 23.24 | 252  | 301039   | 39.205 | nq #  | 92       |
| 88) Benzo(k)fluoranthene       | 23.29 | 252  | 312408   | 40.145 | nq #  | 97       |
| 89) Benzo(a)pyrene             | 23.84 | 252  | 292978   | 39.689 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 26.32 | 278  | 318319   | 41.621 | nq #  | 94       |
| 91) Benzo(g,h,i)perylene       | 27.06 | 276  | 286824   | 39.652 | nq #  | 89       |

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





#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.11 min Scan# 820  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

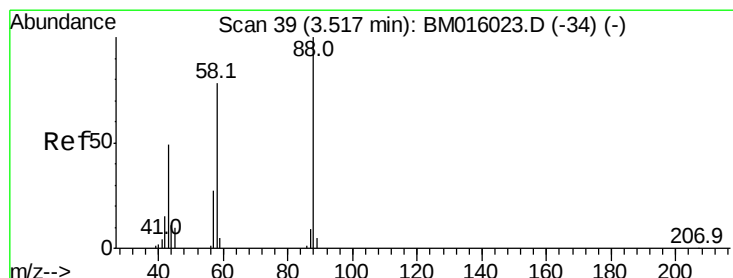
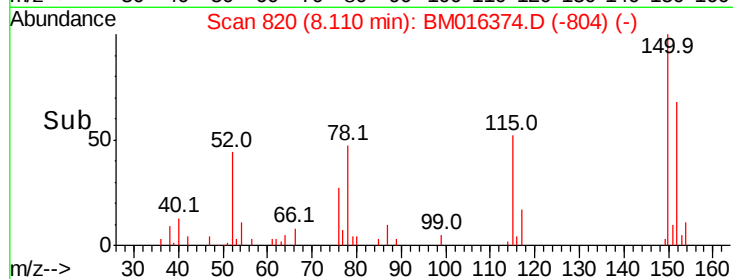
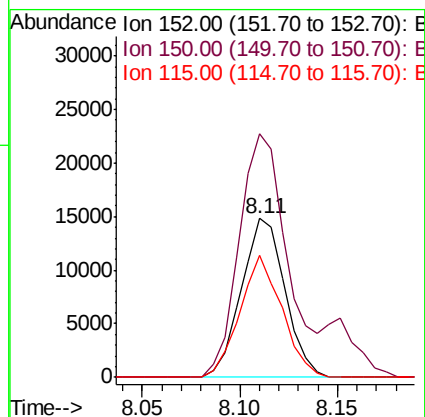
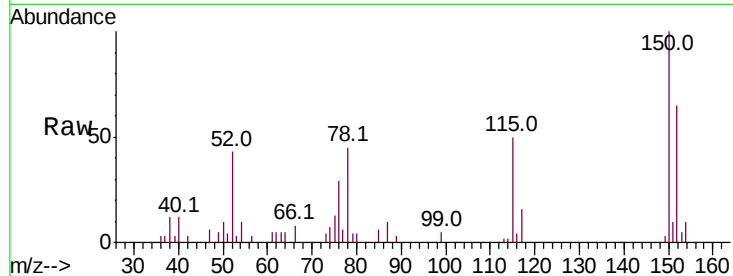
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.2 | 119.5 | 179.3 |
| 115     | 76.6  | 43.0  | 64.4  |

Manual Integrations  
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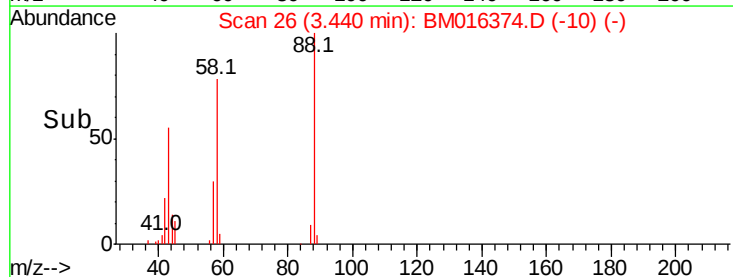
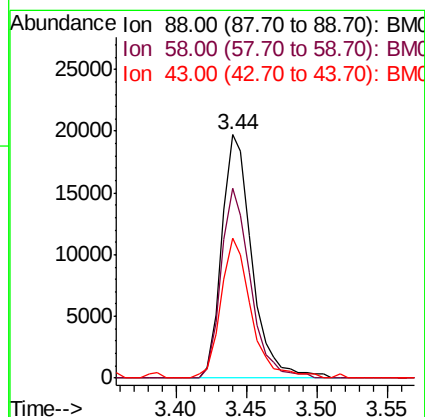
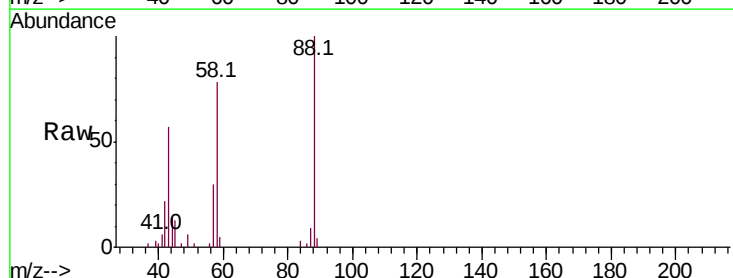
Sohil

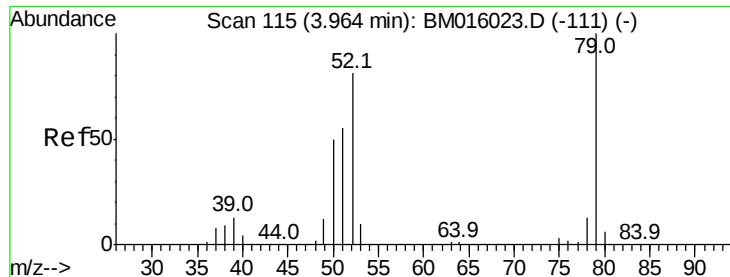
8/16/2018 5:28:05 PM



#2  
 1,4-Dioxane  
 Concen: 45.278 ng  
 RT: 3.44 min Scan# 26  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 75.5  | 0.0   | 0.0   |
| 43      | 58.0  | 0.0   | 0.0   |





#3

Pvridine

Concen: 39.705 ng

RT: 3.88 min Scan# 101

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 79 Resp: 61795

Ion Ratio Lower Upper

79 100

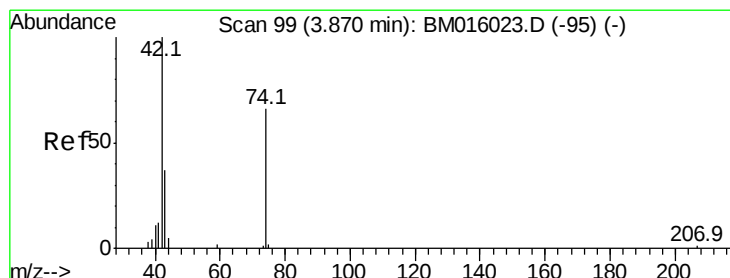
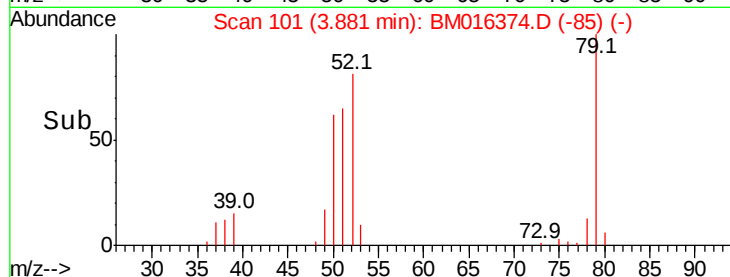
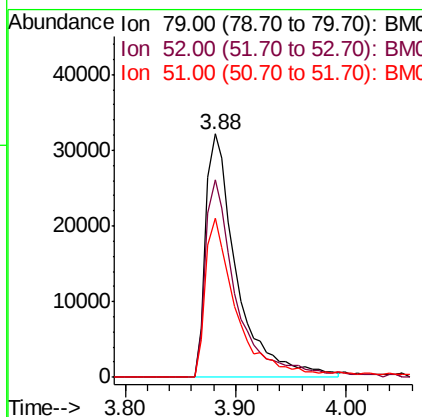
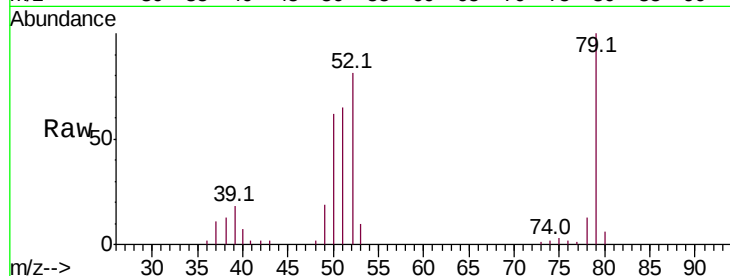
52 80.9 51.1 76.7#

51 65.4 26.1 39.1#

Manual Integrations  
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8/16/2018 5:28:05 PM



#4

n-Nitrosodimethylamine

Concen: 48.089 ng

RT: 3.80 min Scan# 87

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

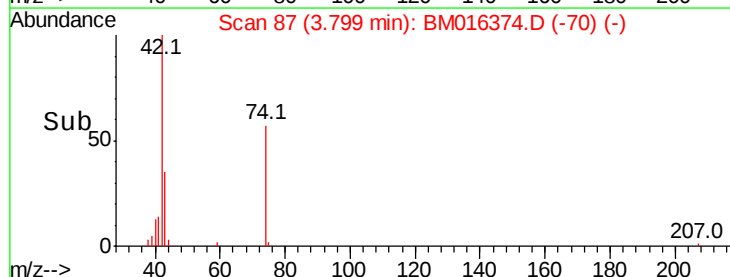
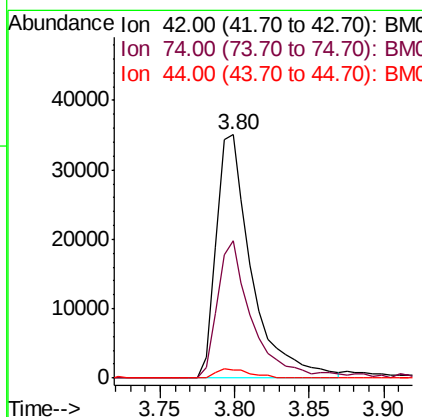
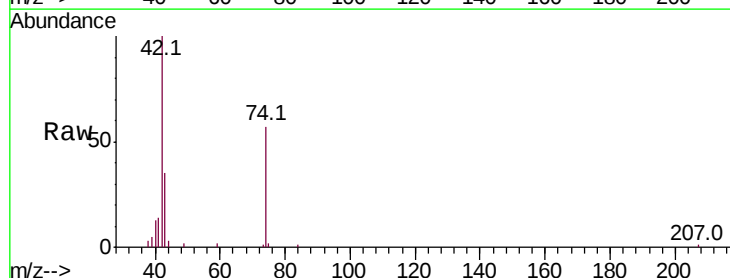
Tgt Ion: 42 Resp: 58376

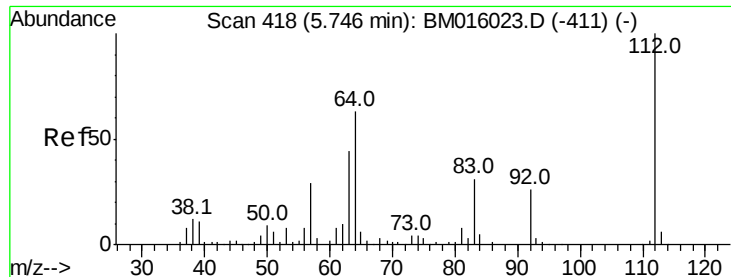
Ion Ratio Lower Upper

42 100

74 56.6 119.3 178.9#

44 3.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 48.089 ng

RT: 5.65 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 112 Resp: 115482  
Ion Ratio Lower Upper

112 100

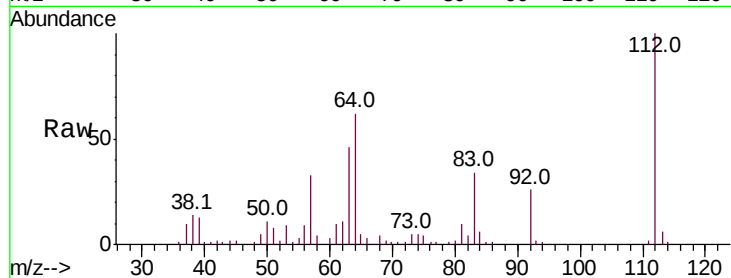
64 62.3 38.6 57.8#

63 46.3 19.3 28.9#

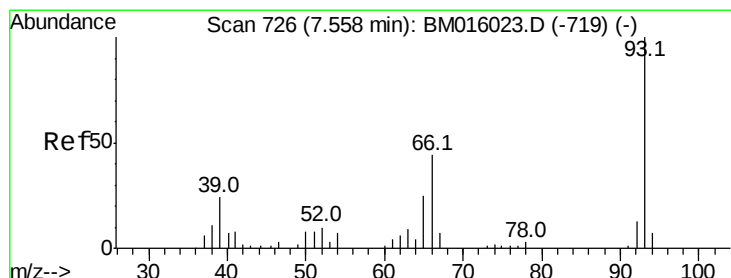
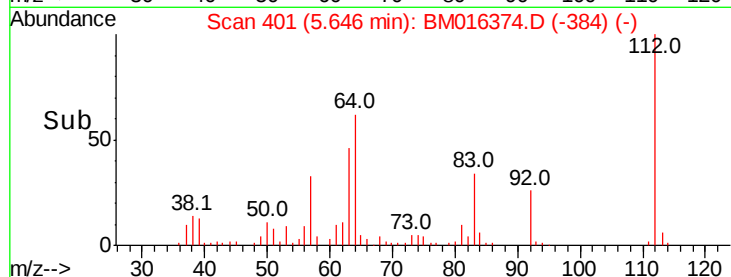
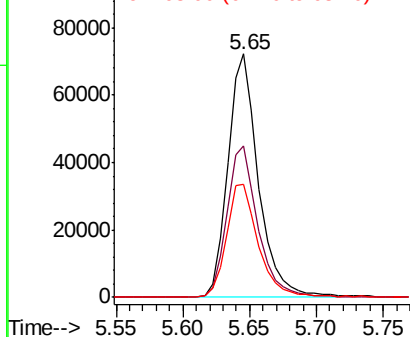
Manual Integrations  
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Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BM  
Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 38.008 ng

RT: 7.45 min Scan# 707

Delta R.T. 0.00 min

Lab File: BM016374.D

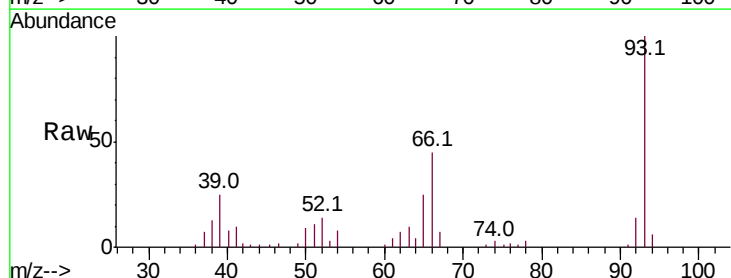
Acq: 15 Aug 2018 11:17

Tgt Ion: 93 Resp: 78805  
Ion Ratio Lower Upper

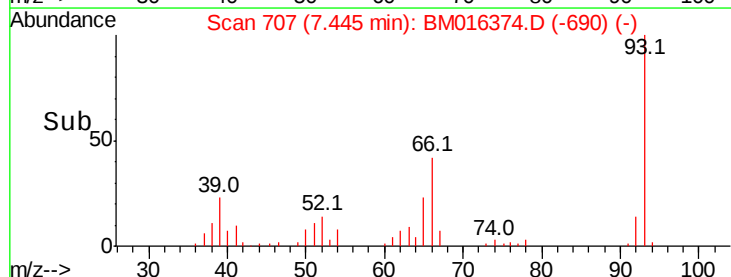
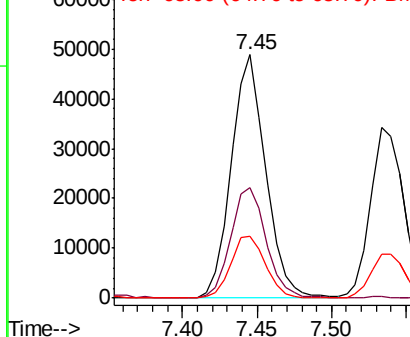
93 100

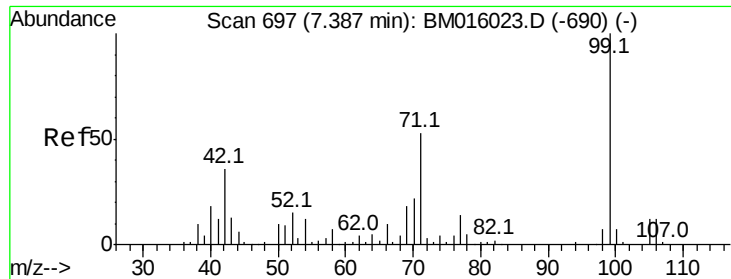
66 45.4 30.8 46.2

65 25.2 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BM  
Ion 66.00 (65.70 to 66.70): BM  
Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 38.008 ng

RT: 7.29 min Scan# 680

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampled :

SSTDCCC040

Tot Ion: 99 Resp: 140960

Ion Ratio Lower Upper

99 100

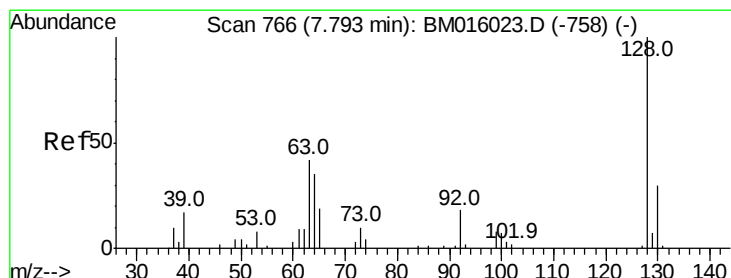
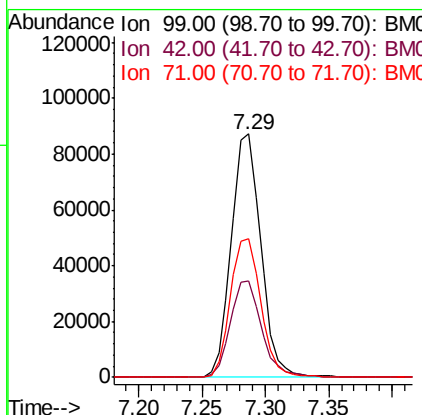
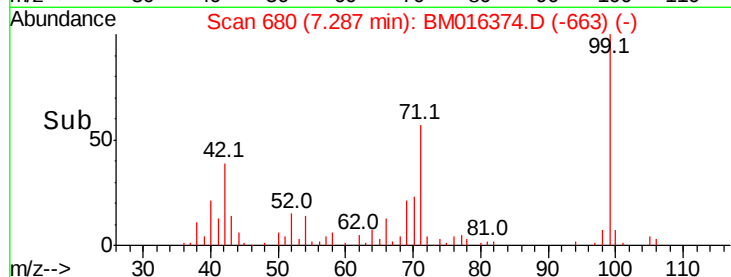
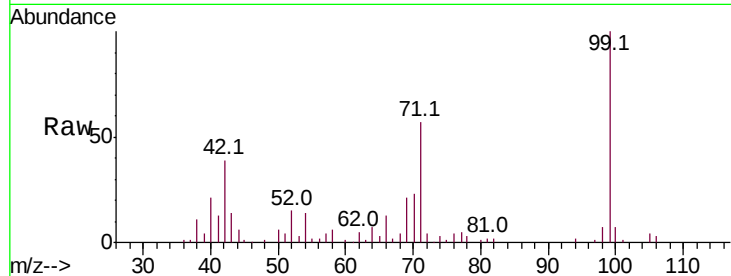
42 39.4 11.0 16.4#

71 57.2 23.4 35.2#

Manual Integrations  
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8/16/2018 5:28:05 PM



#8

2-Chlorophenol

Concen: 40.167 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

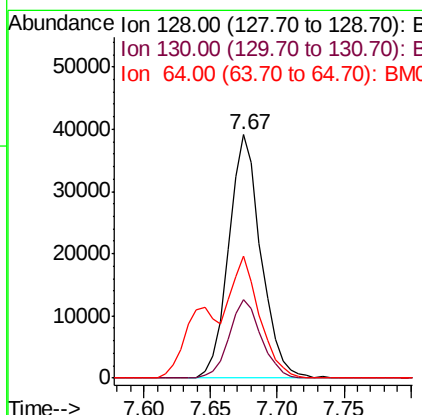
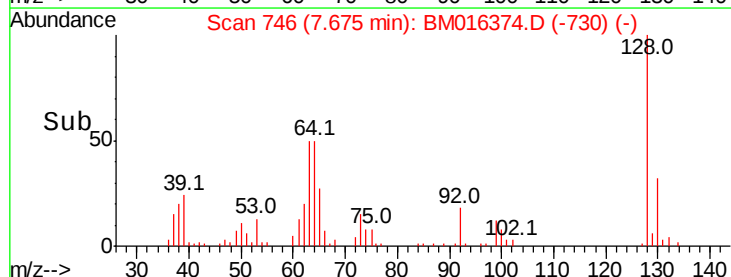
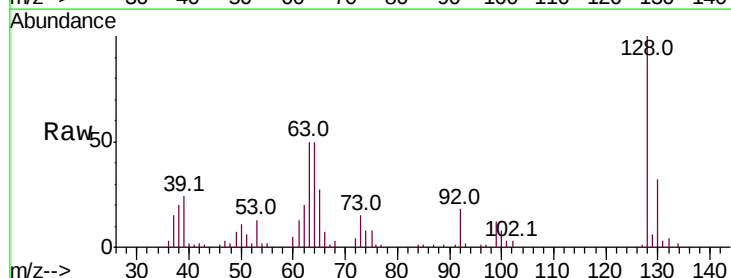
Tgt Ion:128 Resp: 65826

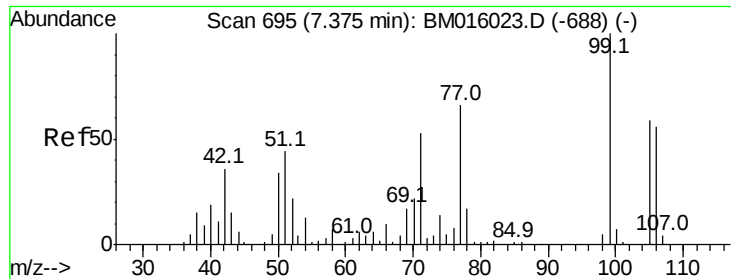
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 49.9 24.9 64.9





#9

Benzaldehyde

Concen: 40.322 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 51015

Ion Ratio Lower Upper

77 100

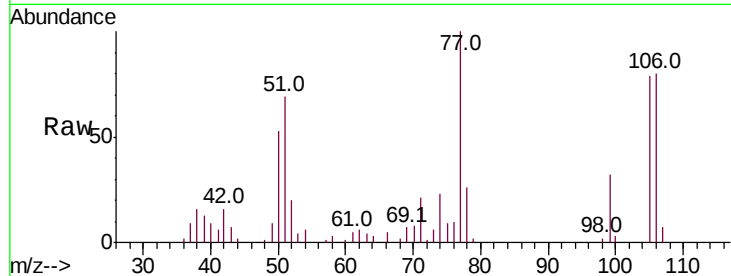
105 78.9 78.8 118.8

106 79.7 73.7 113.7

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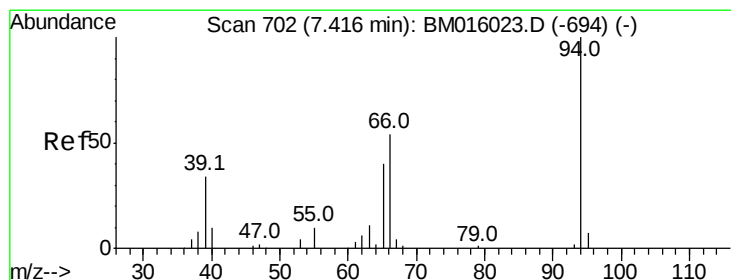
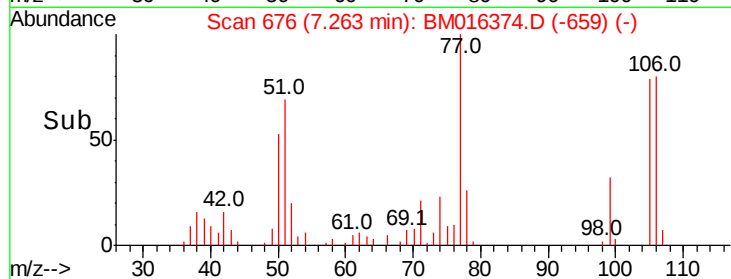
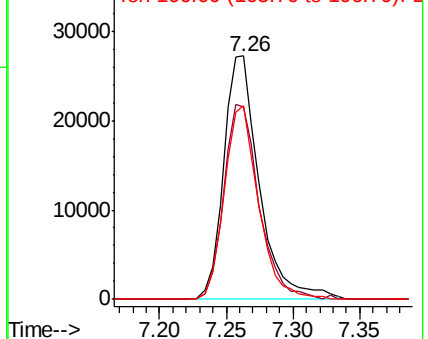
8/16/2018 5:28:05 PM



Abundance Ion 77.00 (76.70 to 77.70): BM016374.D (-688) (-)

Ion 105.00 (104.70 to 105.70): BM016374.D (-688) (-)

Ion 106.00 (105.70 to 106.70): BM016374.D (-688) (-)



#10

Phenol

Concen: 38.274 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

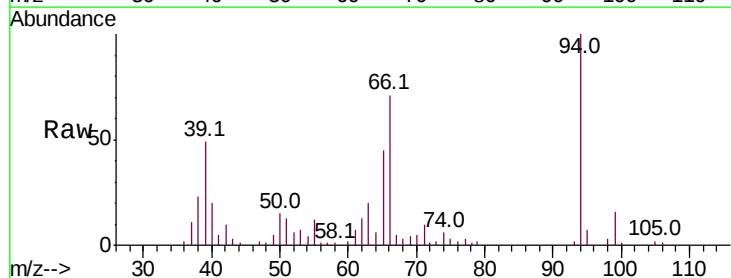
Tgt Ion: 94 Resp: 68918

Ion Ratio Lower Upper

94 100

65 45.5 18.8 58.8

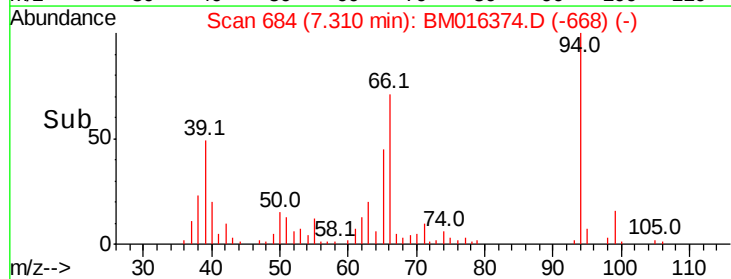
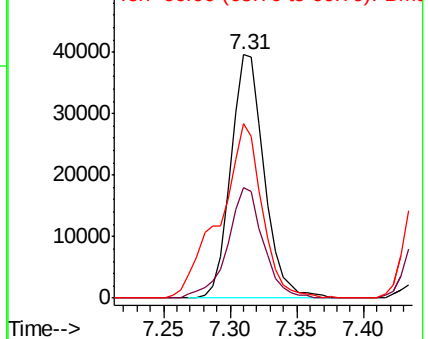
66 71.4 39.9 79.9

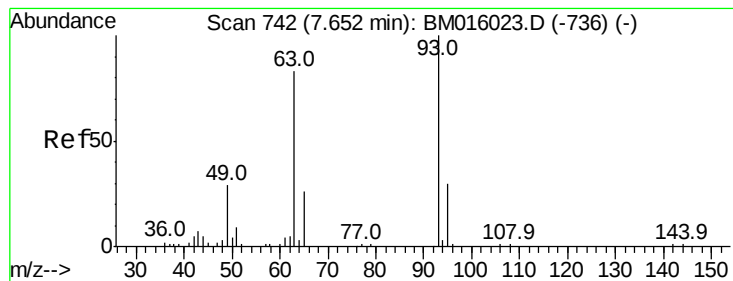


Abundance Ion 94.00 (93.70 to 94.70): BM016374.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016374.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016374.D (-668) (-)





#11  
bis(2-Chloroethyl)ether  
Concen: 37.209 ng  
RT: 7.53 min Scan# 722  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

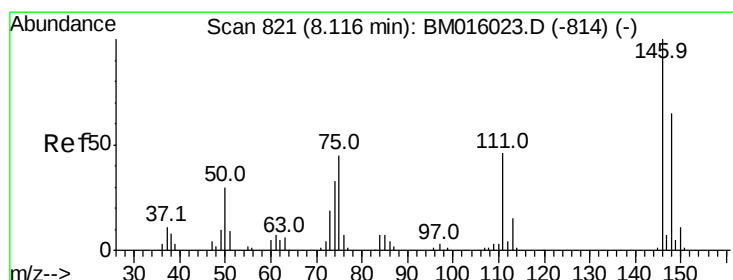
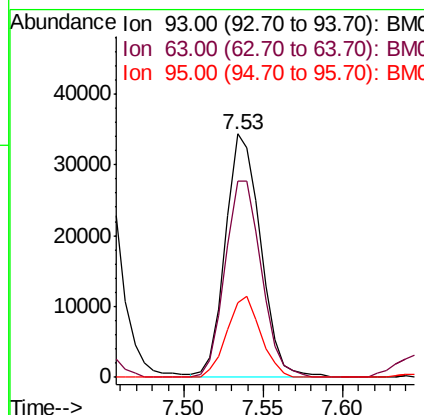
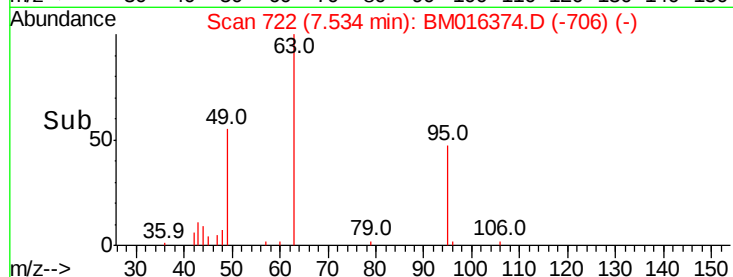
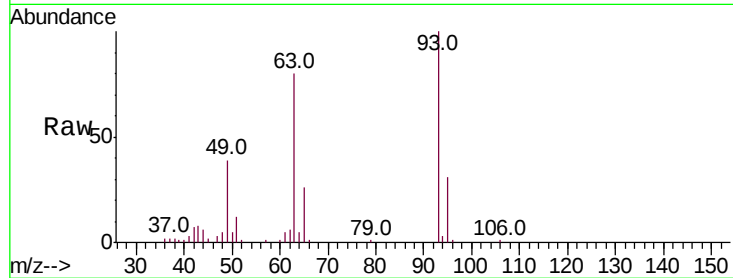
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | 93   | Ratio | 100 | Resp: | 52929 | Lower | Upper |
|---------|------|-------|-----|-------|-------|-------|-------|
| 93      | 100  |       |     |       |       |       |       |
| 63      | 80.4 |       |     | 49.5  |       | 89.5  |       |
| 95      | 30.6 |       |     | 13.5  |       | 53.5  |       |

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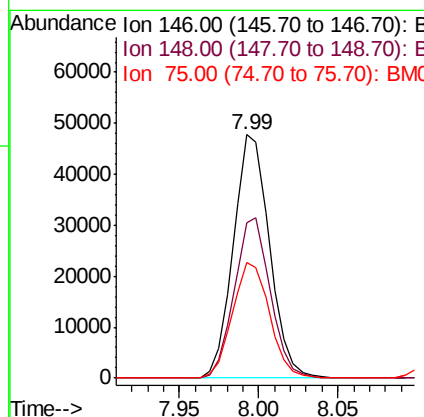
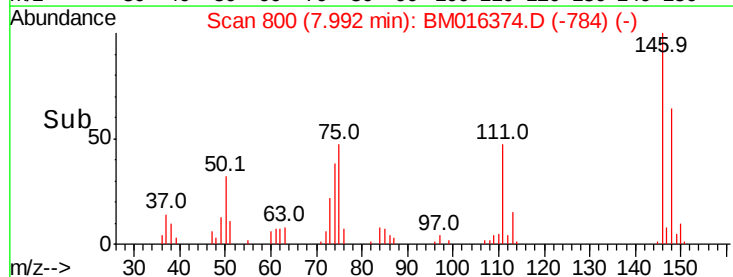
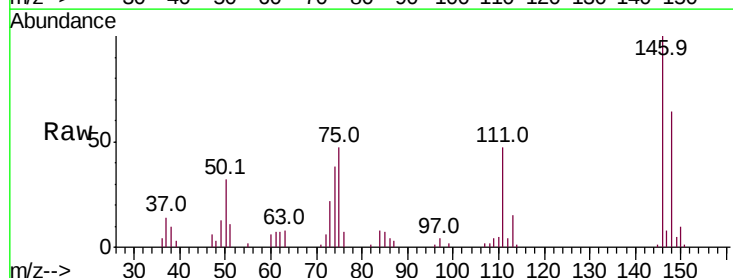
Sohil

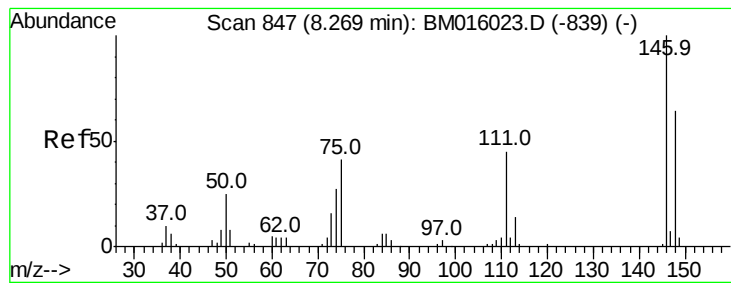
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#12  
1,3-Dichlorobenzene  
Concen: 39.399 ng  
RT: 7.99 min Scan# 800  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | 146  | Ratio | 100 | Resp: | 75578 | Lower | Upper |
|---------|------|-------|-----|-------|-------|-------|-------|
| 146     | 100  |       |     |       |       |       |       |
| 148     | 64.0 |       |     | 50.9  |       | 76.3  |       |
| 75      | 47.4 |       |     | 21.4  |       | 32.2  |       |





#13

1,4-Dichlorobenzene

Concen: 39.456 ng

RT: 8.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleID :

SSTDCCC040

Tot Ion:146 Resp: 76762

Ion Ratio Lower Upper

146 100

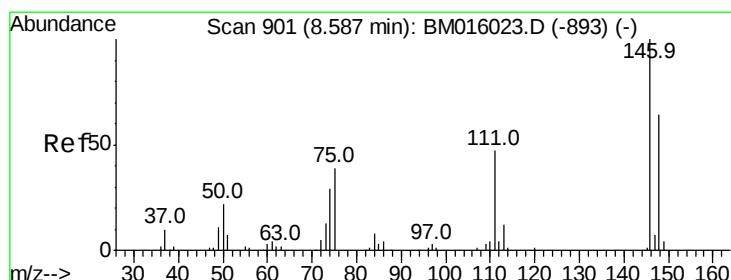
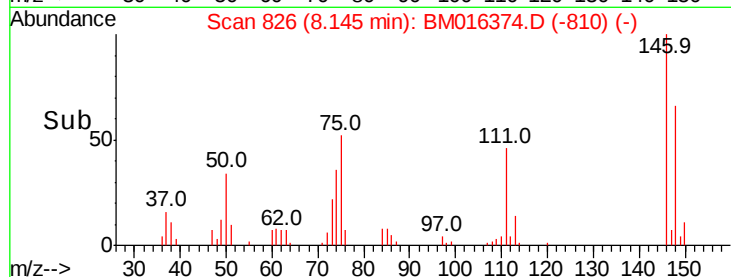
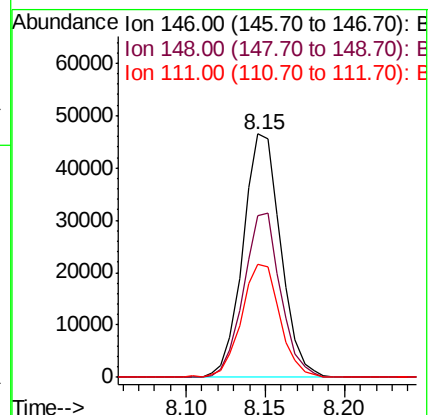
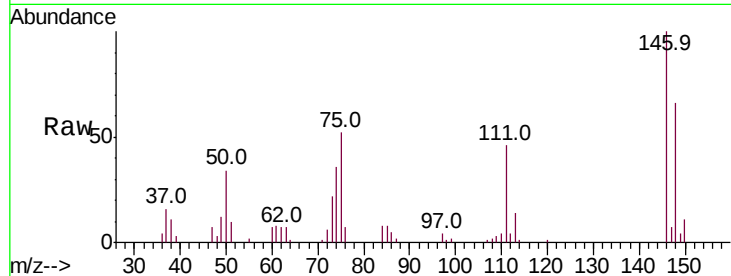
148 66.4 51.9 77.9

111 46.4 29.2 43.8#

Manual Integrations  
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8/16/2018 5:28:05 PM



#14

1,2-Dichlorobenzene

Concen: 39.768 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

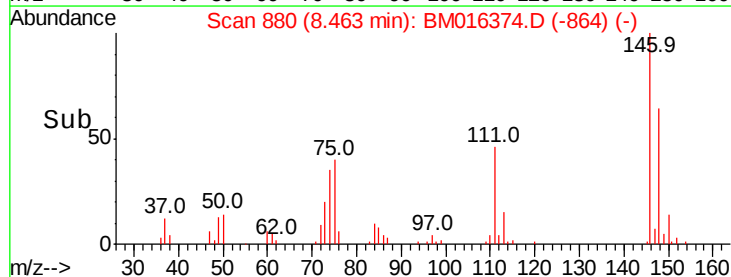
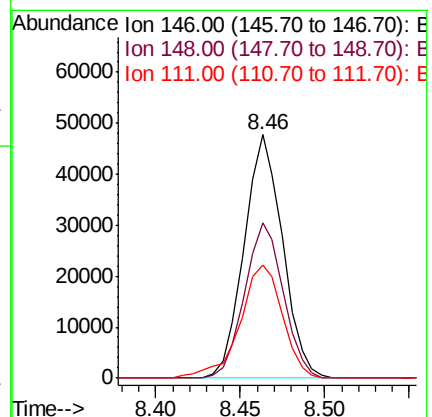
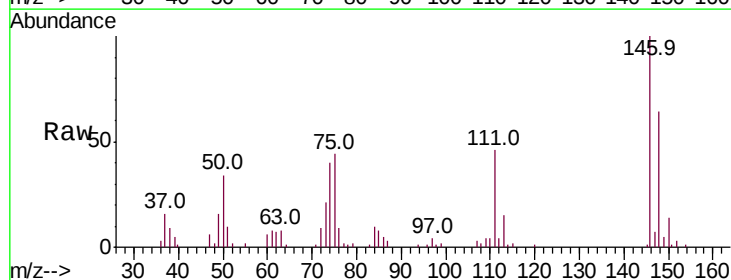
Tgt Ion:146 Resp: 75703

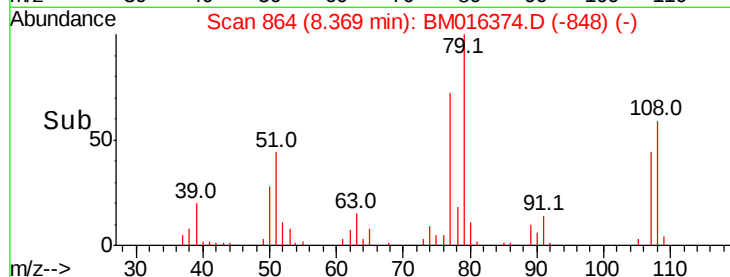
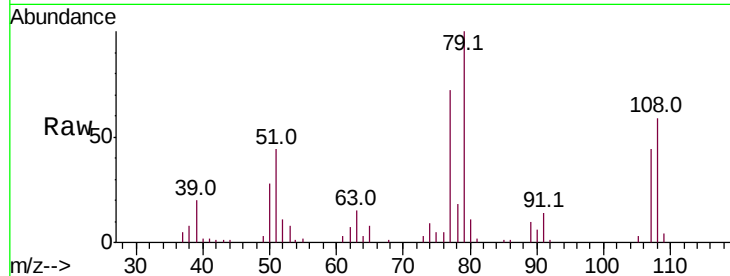
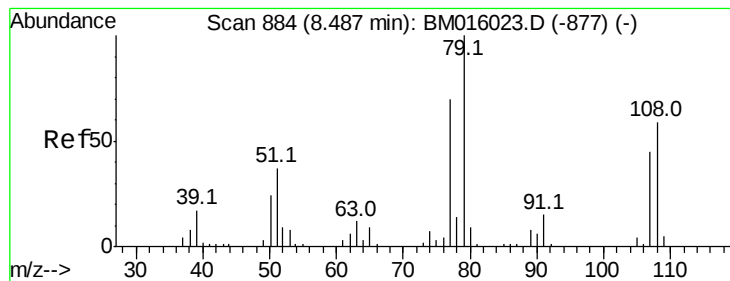
Ion Ratio Lower Upper

146 100

148 63.8 52.3 78.5

111 46.3 30.6 45.8#





#15

Benzyl Alcohol

Concen: 41.595 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 59641 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 59.4  | 65.0  | 97.4# |
| 77        | 71.5  | 53.0  | 79.6  |

Instrument :

BNA\_M

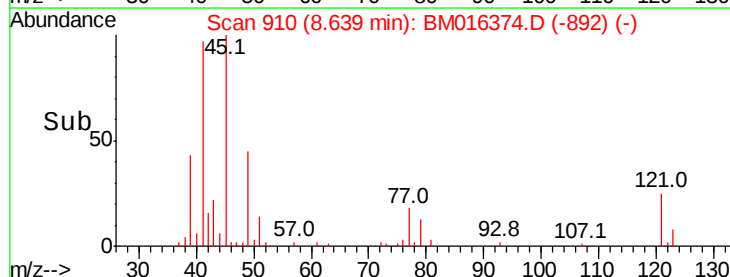
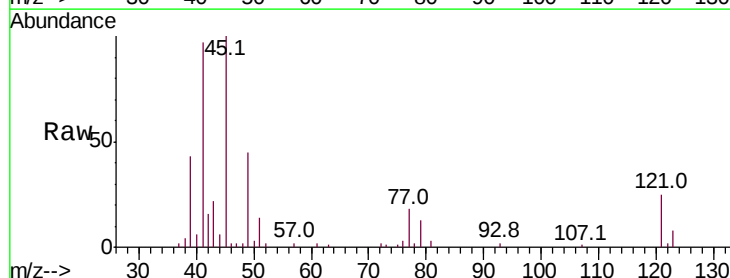
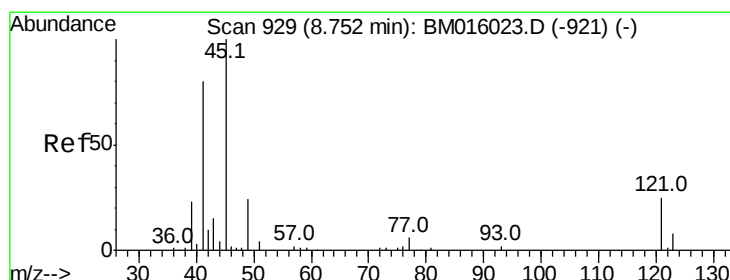
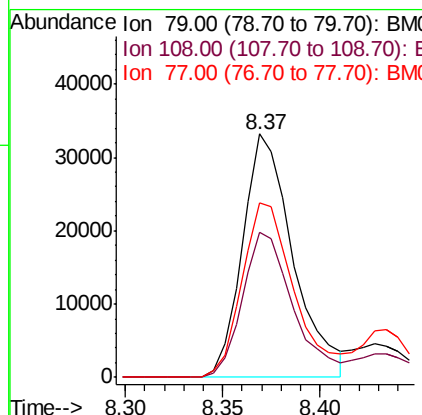
ClientSampleId :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.952 ng m

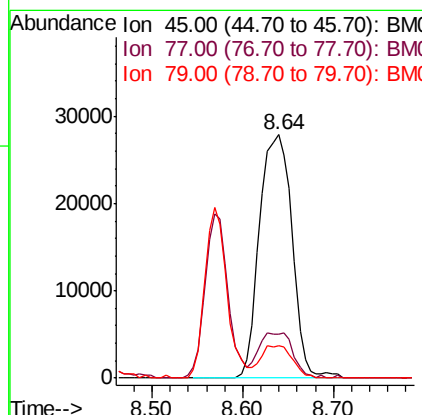
RT: 8.64 min Scan# 910

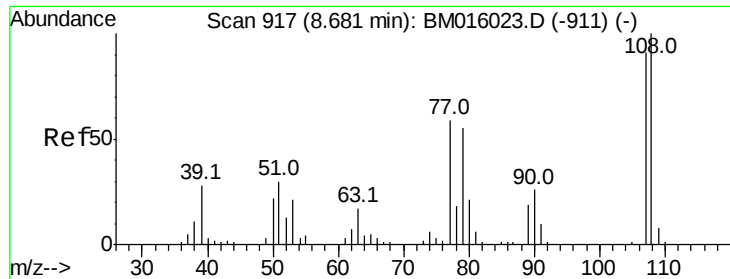
Delta R.T. 0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 69562 |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 18.2  | 0.0   | 35.2  |
| 79        | 13.1  | 0.0   | 32.0  |





#17  
2-Methylphenol  
Concen: 39.048 ng  
RT: 8.57 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

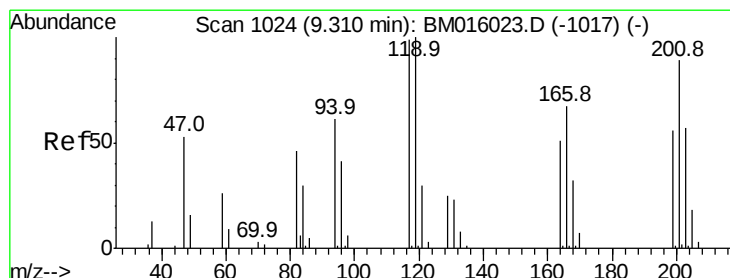
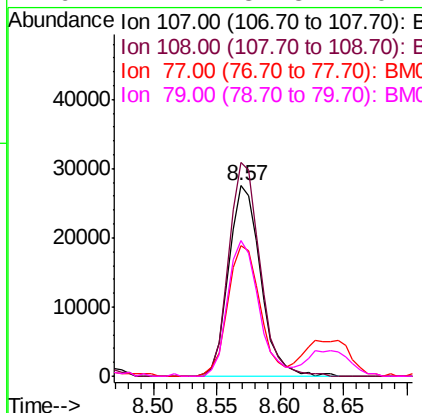
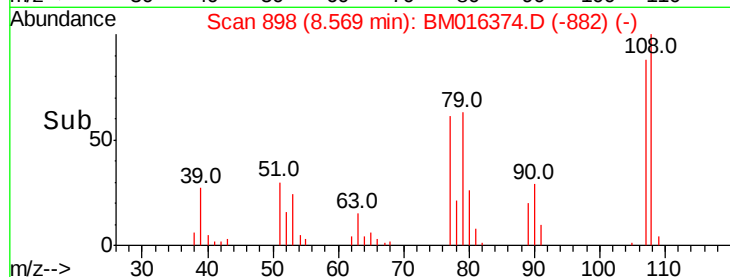
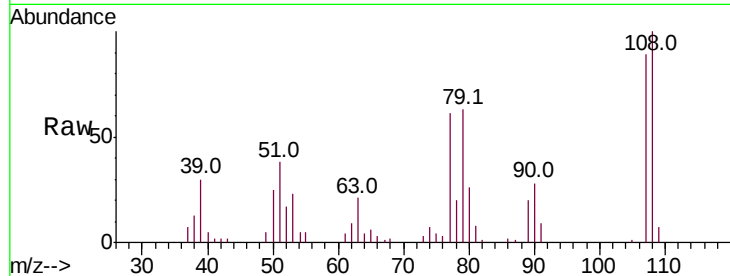
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 112.2 | 89.8  | 134.8 |
| 77      | 68.4  | 32.6  | 48.8# |
| 79      | 71.2  | 32.8  | 49.2# |

Manual Integrations  
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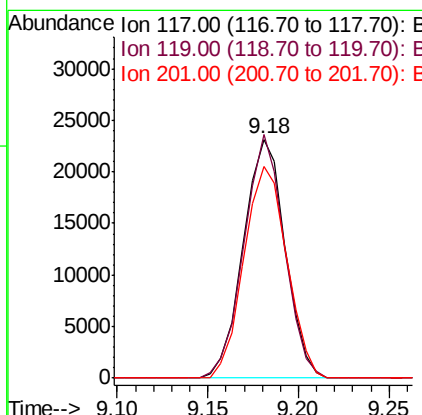
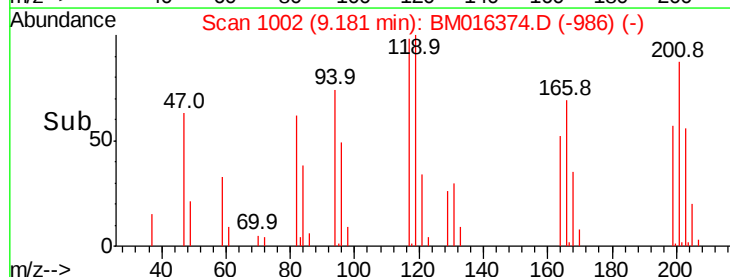
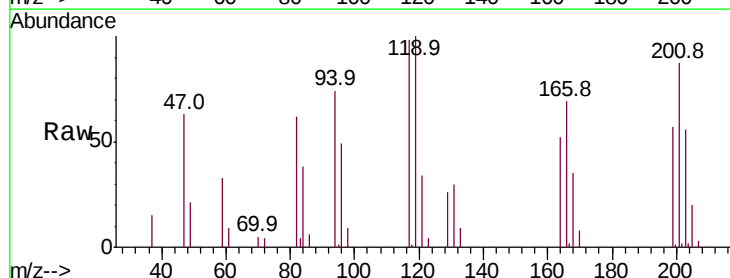
Sohil

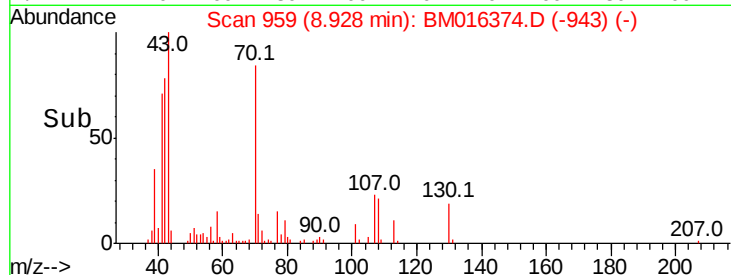
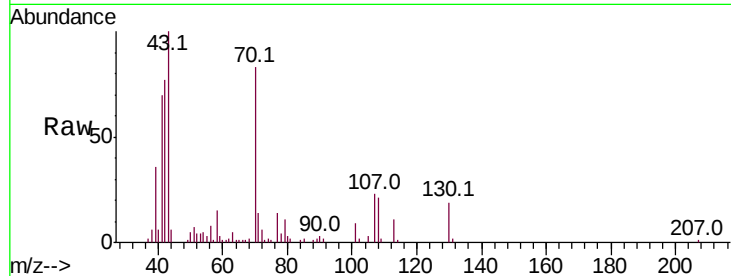
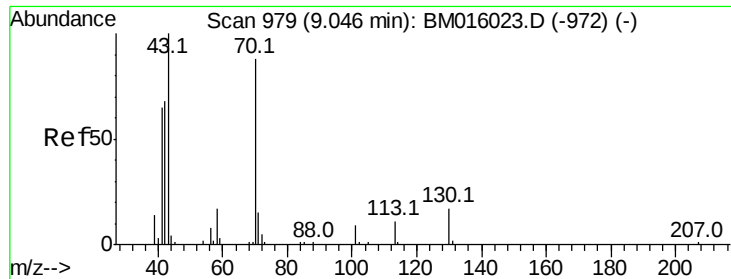
8/16/2018 5:28:05 PM



#18  
Hexachloroethane  
Concen: 44.262 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 101.9 | 79.2  | 118.8 |
| 201     | 88.7  | 69.8  | 104.6 |





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.896 ng  
RT: 8.93 min Scan# 959  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

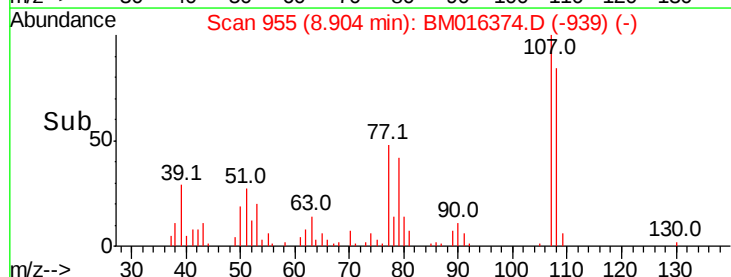
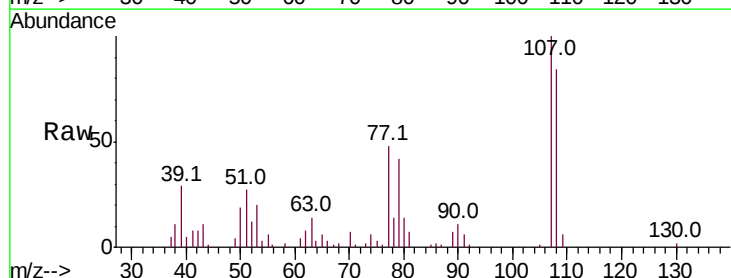
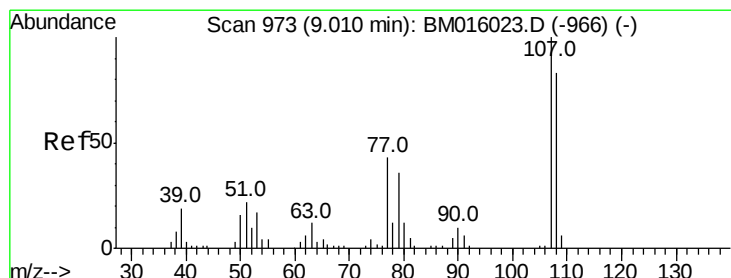
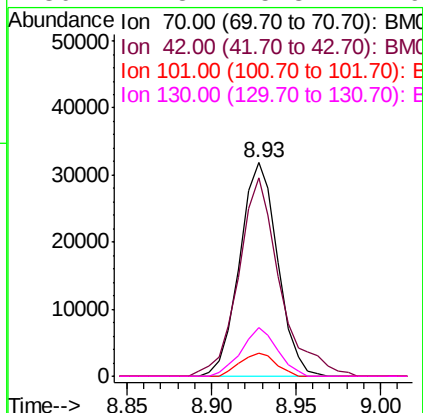
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 92.7  | 44.5  | 66.7# |
| 101     | 10.7  | 7.4   | 11.2  |
| 130     | 22.8  | 15.3  | 22.9  |

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

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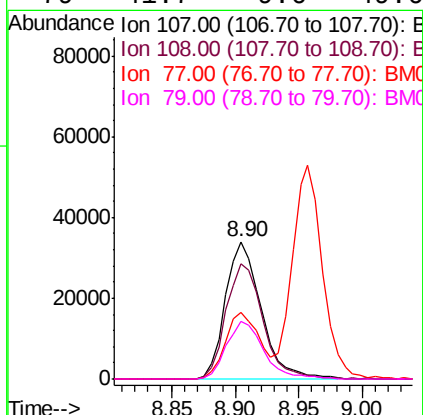
Sohil

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#20  
3+4-Methylphenols  
Concen: 37.483 ng  
RT: 8.90 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 83.6  | 73.2  | 113.2 |
| 77      | 48.0  | 10.7  | 50.7  |
| 79      | 41.7  | 9.6   | 49.6  |





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

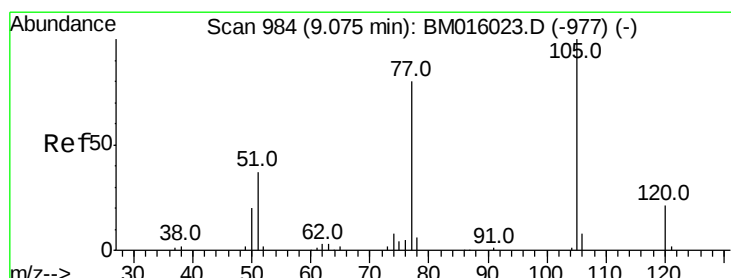
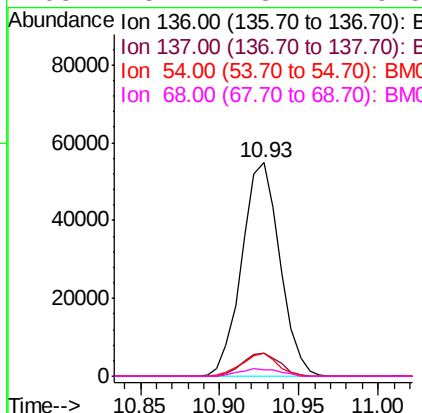
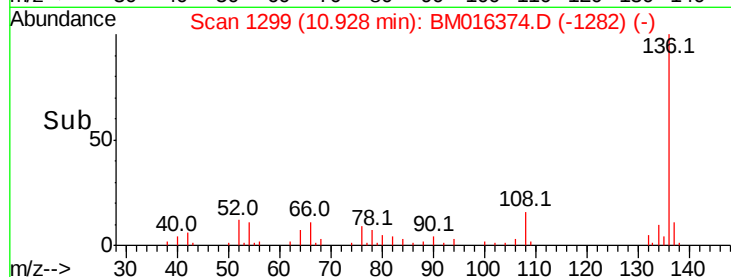
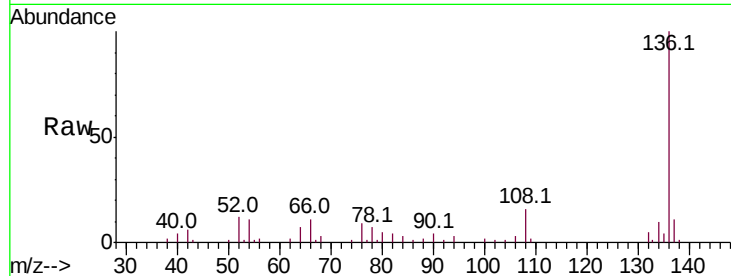
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.8  | 8.7  | 13.1  |       |
| 54      | 11.0  | 4.6  | 6.8#  |       |
| 68      | 3.2   | 3.7  | 5.5#  |       |

Manual Integrations  
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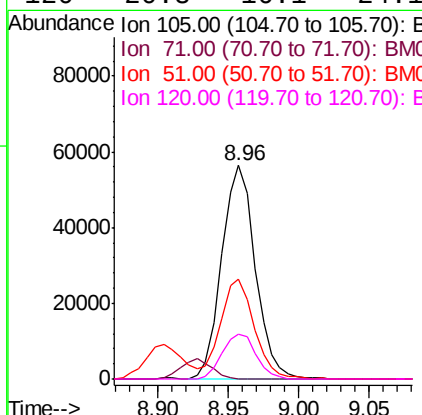
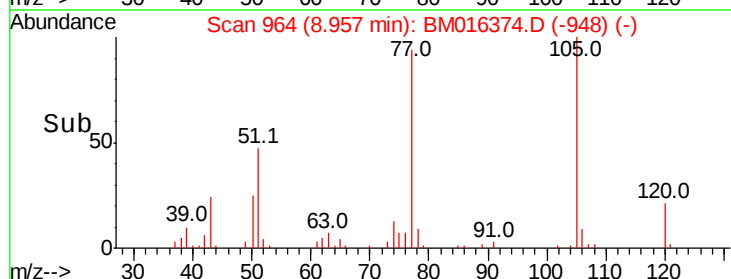
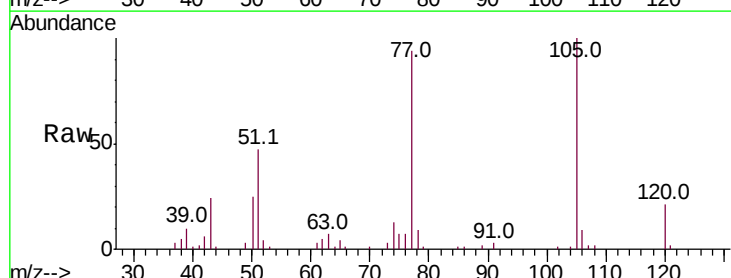
Sohil

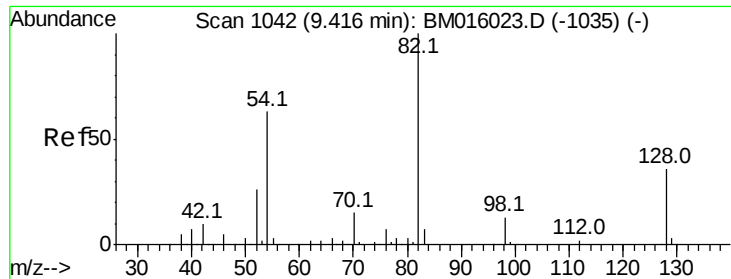
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#22  
Acetophenone  
Concen: 40.472 ng  
RT: 8.96 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.0   | 0.6  | 1.0#  |       |
| 51      | 46.9  | 21.6 | 32.4# |       |
| 120     | 20.8  | 16.1 | 24.1  |       |





#23  
Nitrobenzene-d5  
Concen: 40.472 ng  
RT: 9.30 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

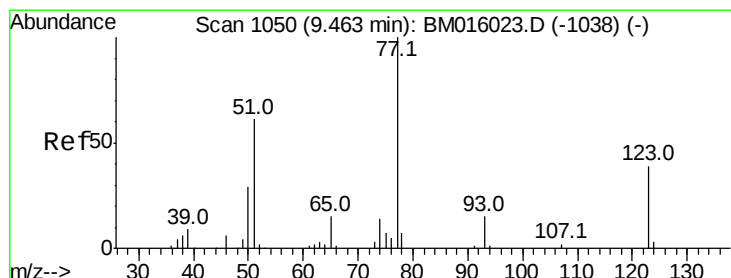
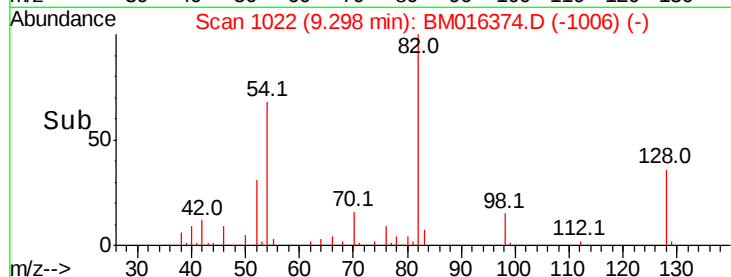
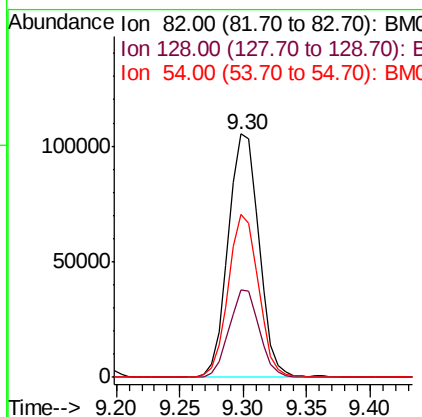
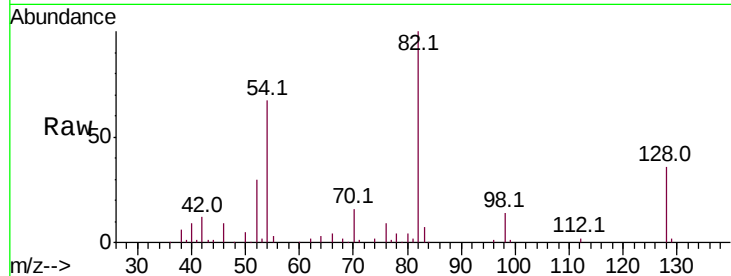
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 35.8  | 32.8 | 49.2  |       |
| 54      | 66.9  | 40.6 | 60.8  |       |

Manual Integrations  
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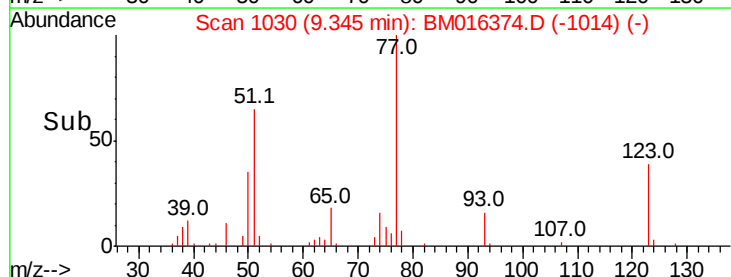
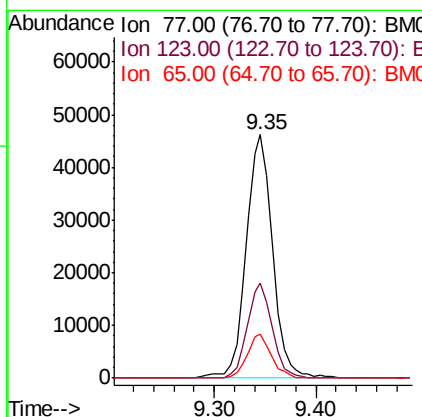
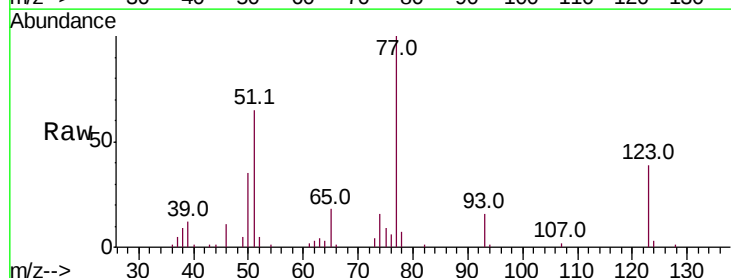
Sohil

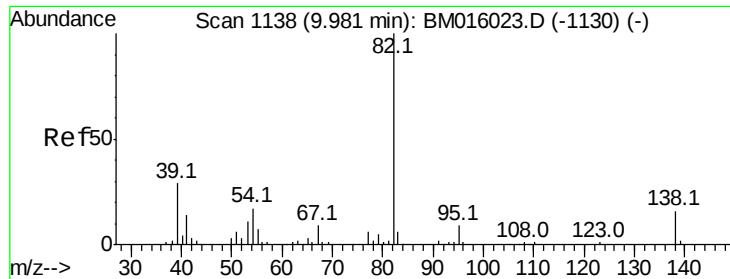
8/16/2018 5:28:05 PM



#24  
Nitrobenzene  
Concen: 41.866 ng  
RT: 9.35 min Scan# 1030  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 39.0  | 32.6 | 49.0  |       |
| 65      | 17.9  | 10.9 | 16.3  |       |





#25  
Isophorone  
Concen: 41.404 ng  
RT: 9.86 min Scan# 1117  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

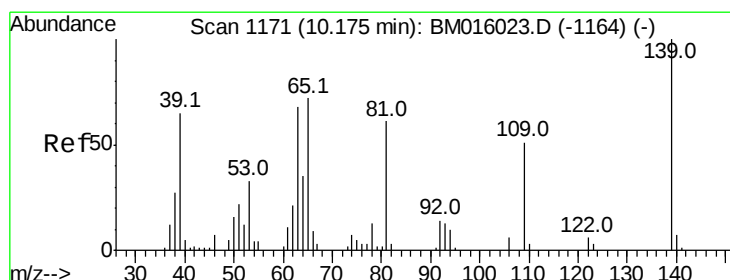
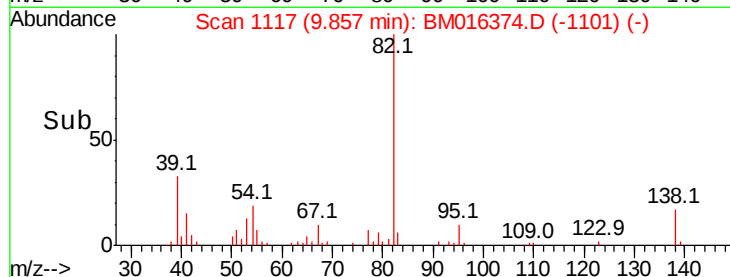
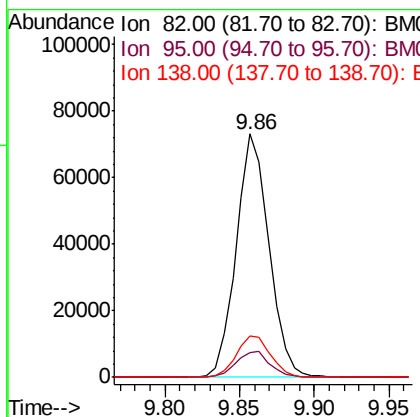
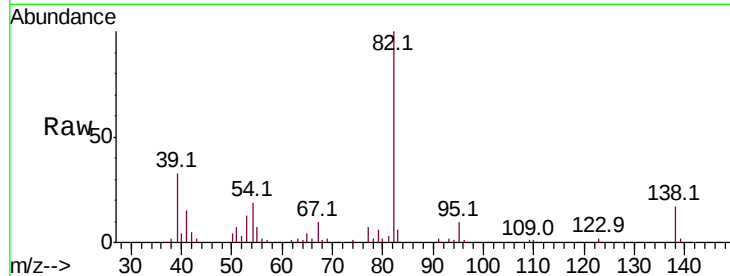
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 82    | Resp  | 111662 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 10.4  | 5.8   | 8.6#   |
| 138       | 16.9  | 16.3  | 24.5   |

Manual Integrations  
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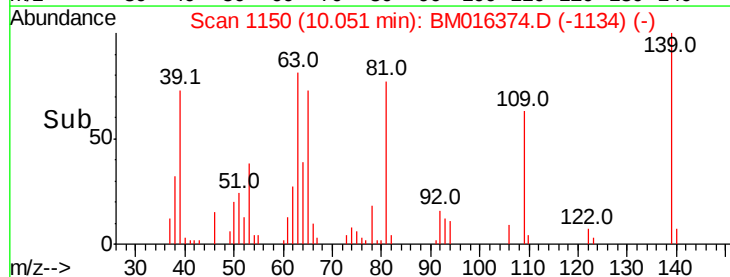
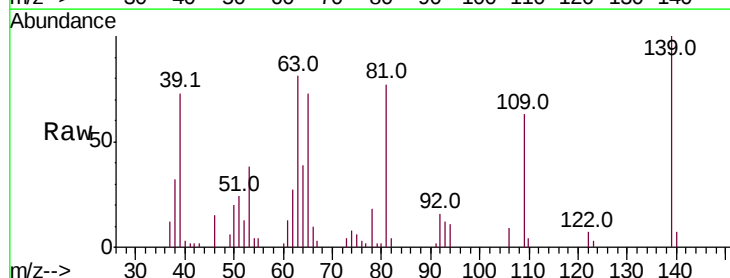
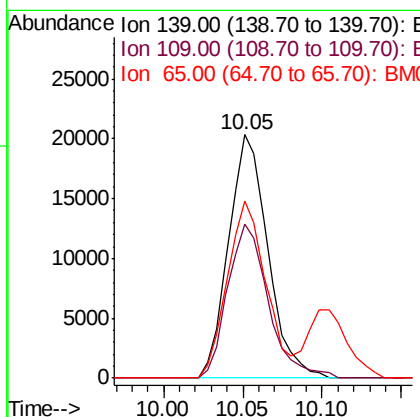
Sohil

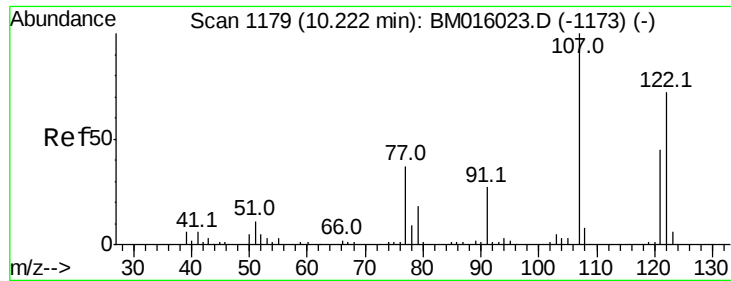
8/16/2018 5:28:05 PM



#26  
2-Nitrophenol  
Concen: 42.260 ng  
RT: 10.05 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion   | 139   | Resp  | 35011 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 63.2  | 20.1  | 30.1# |
| 65        | 72.7  | 31.5  | 47.3# |





#27  
 2,4-Dimethylphenol  
 Concen: 40.790 ng  
 RT: 10.10 min Scan# 1159  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

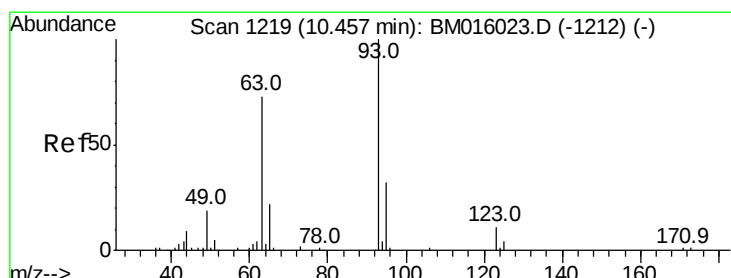
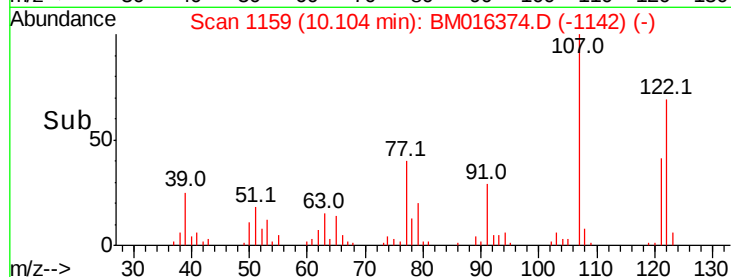
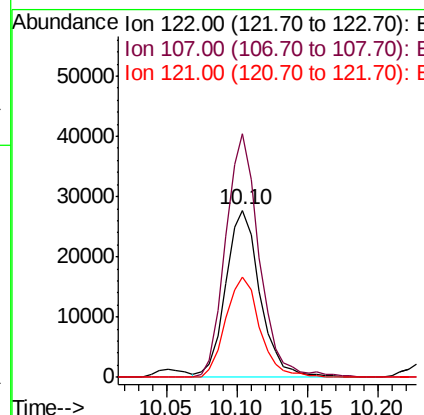
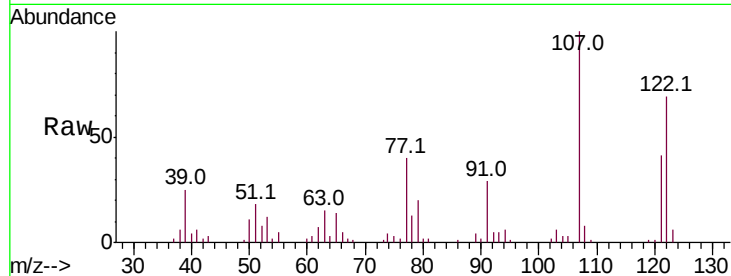
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 47080  |       |       |
| 107     | 145.8 | 84.7  | 127.1# |       |       |
| 121     | 60.3  | 46.6  | 69.8   |       |       |

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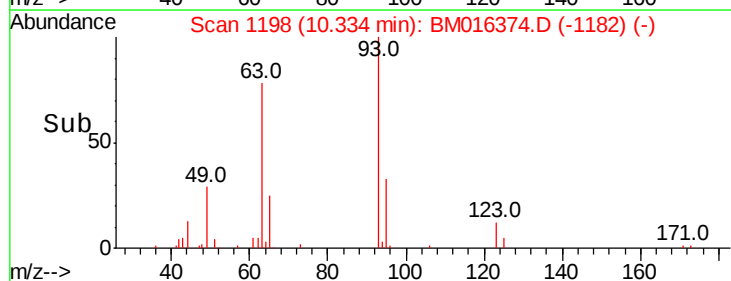
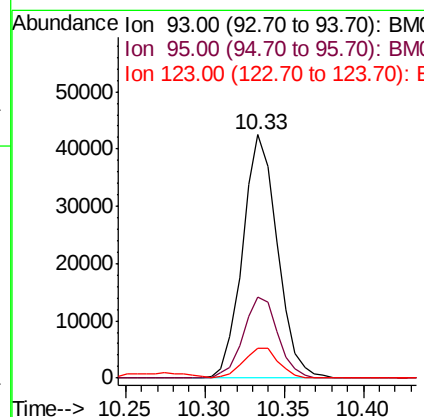
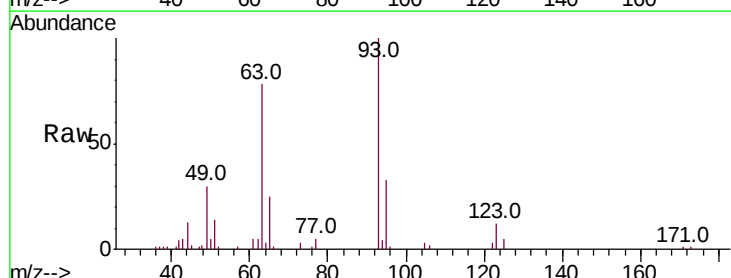
Sohil

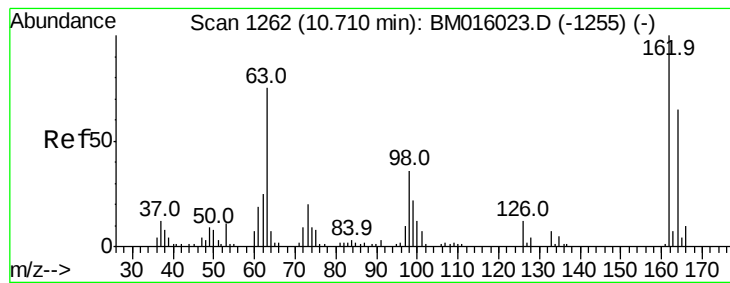
8/16/2018 5:28:05 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.859 ng  
 RT: 10.33 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 93      | 100  |       | 64609 |       |       |
| 95      | 33.2 | 25.5  | 38.3  |       |       |
| 123     | 12.1 | 8.6   | 13.0  |       |       |





#29

2,4-Dichlorophenol

Concen: 43.507 ng

RT: 10.59 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:162 Resp: 59671

Ion Ratio Lower Upper

162 100

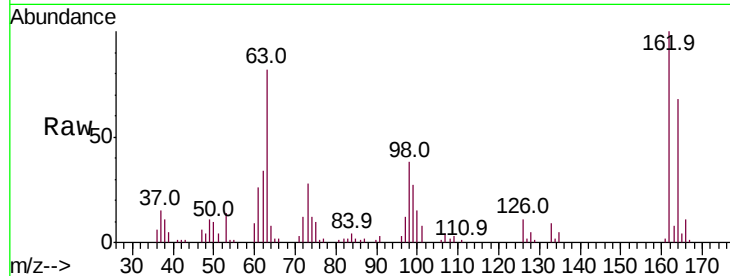
164 67.7 42.8 82.8

98 38.0 14.5 54.5

Manual Integrations  
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Sohil

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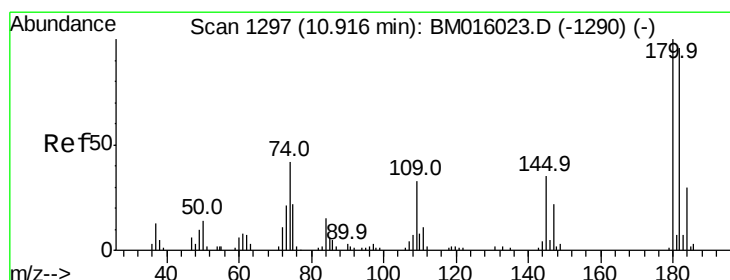
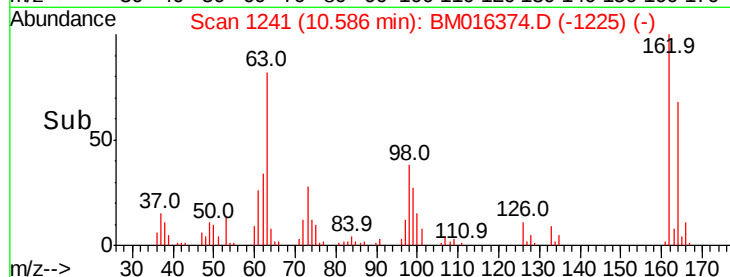
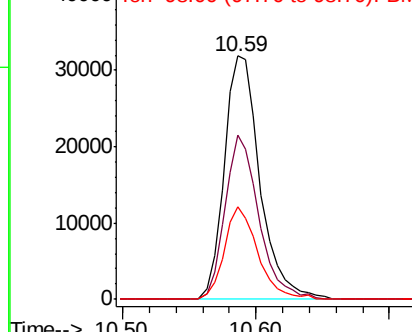


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 42.572 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

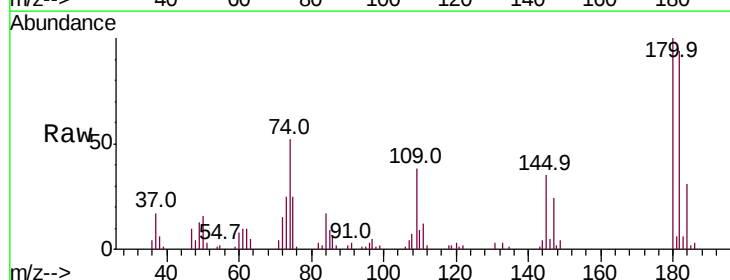
Tgt Ion:180 Resp: 70944

Ion Ratio Lower Upper

180 100

182 93.7 77.6 116.4

145 34.7 23.4 35.2

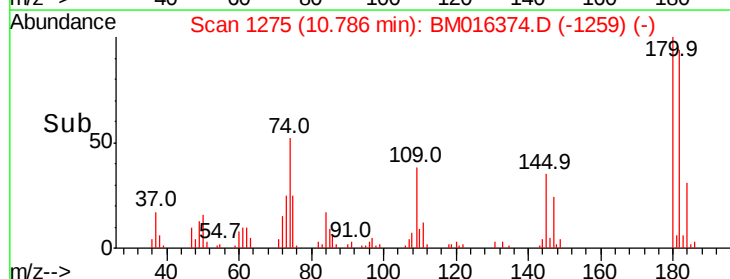
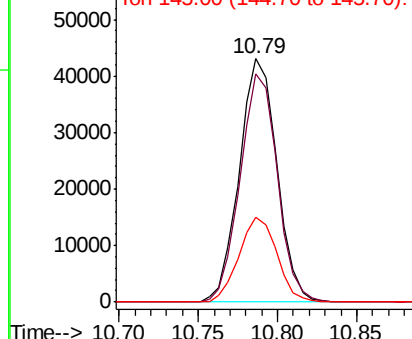


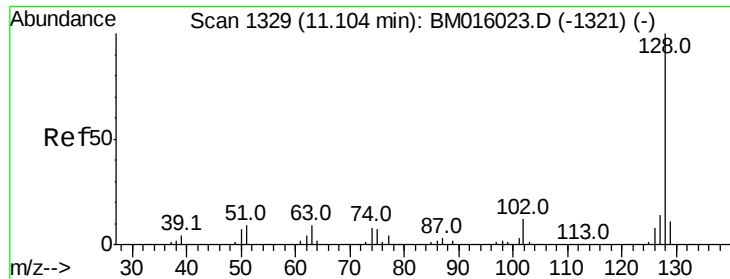
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31  
Naphthalene  
Concen: 38.680 ng  
RT: 10.97 min Scan# 1307  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

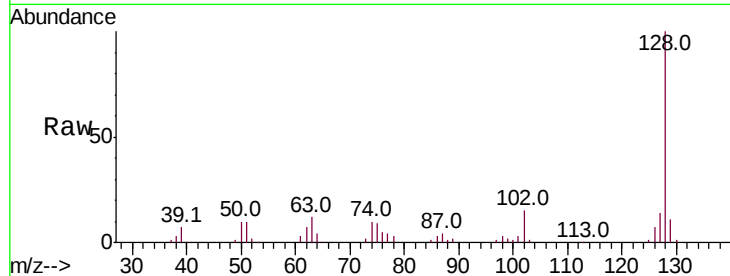
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.9  | 8.9   | 13.3  |
| 127     | 14.1  | 10.4  | 15.6  |

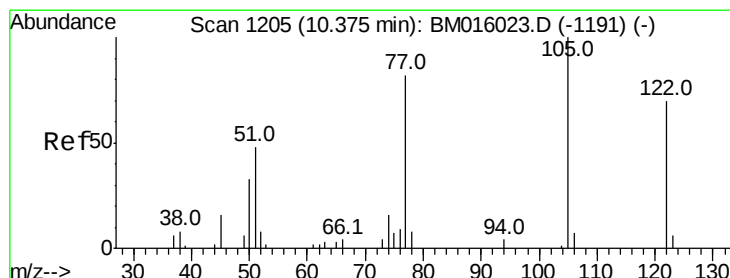
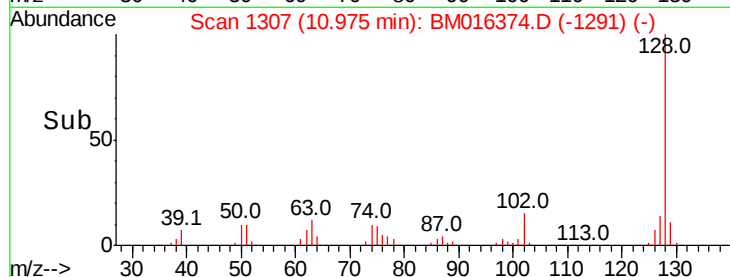
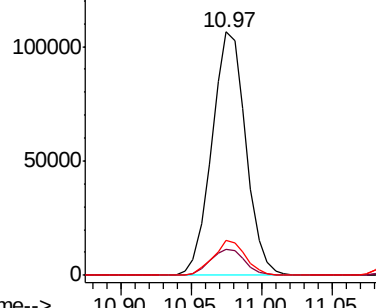
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8/16/2018 5:28:05 PM

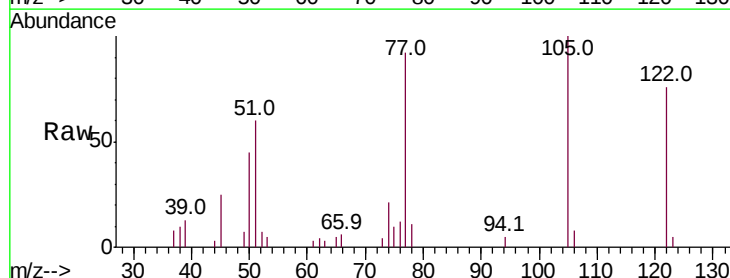


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

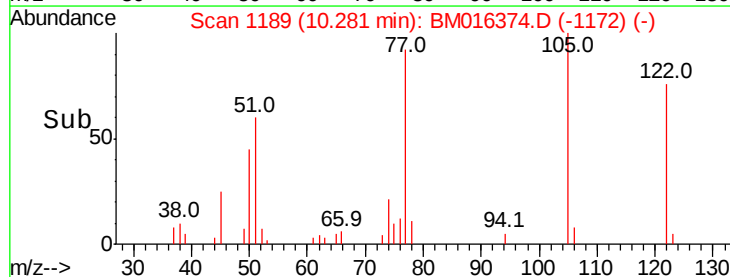
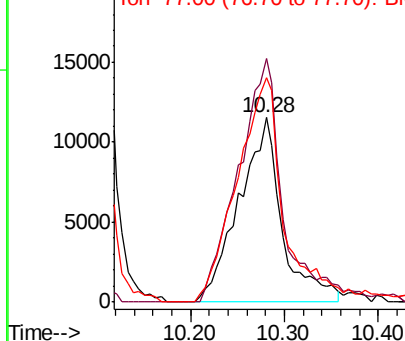


#32  
Benzoic acid  
Concen: 41.743 ng  
RT: 10.28 min Scan# 1189  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 132.2 | 99.9  | 139.9  |
| 77      | 121.9 | 73.7  | 113.7# |



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: 39.902 ng  
 RT: 11.10 min Scan# 1329  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

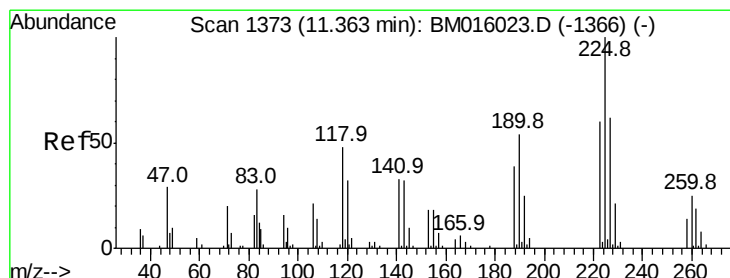
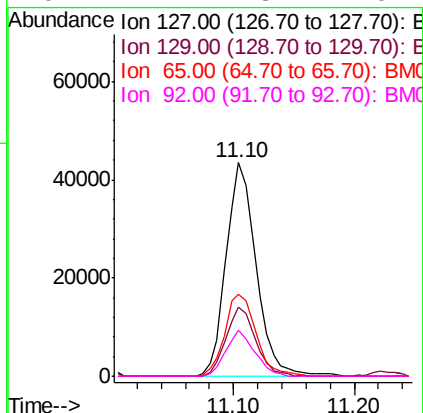
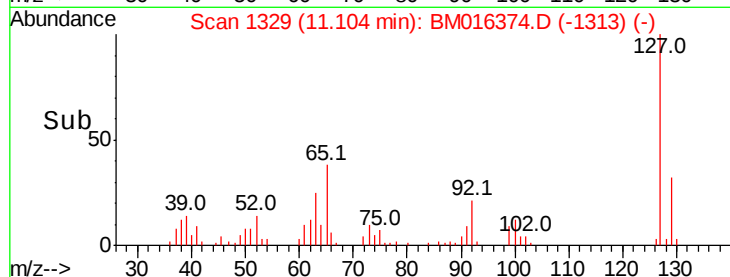
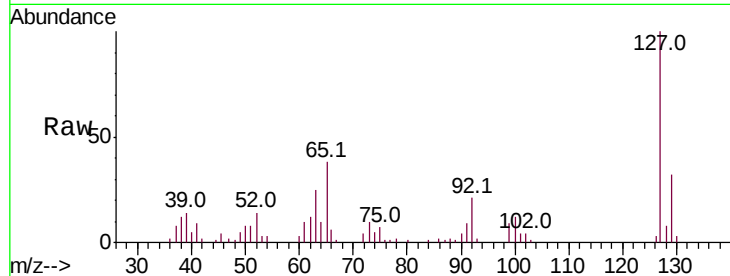
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 32.4 | 25.3  | 37.9 |       |       |
| 65      | 38.4 | 17.6  | 26.4 |       |       |
| 92      | 21.4 | 13.1  | 19.7 |       |       |

Manual Integrations  
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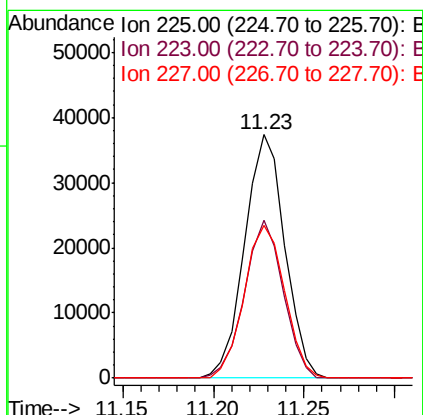
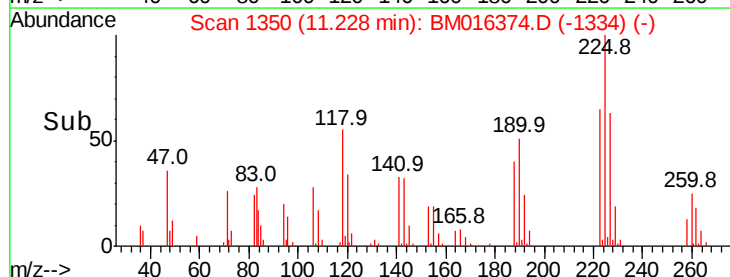
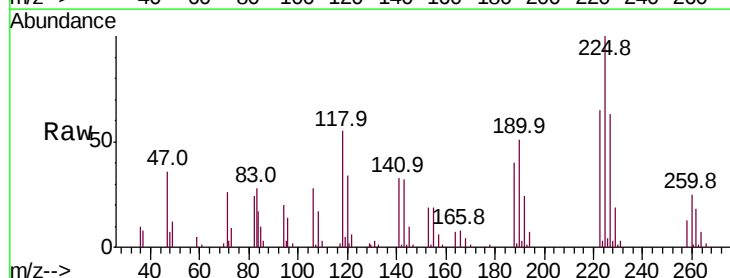
Sohil

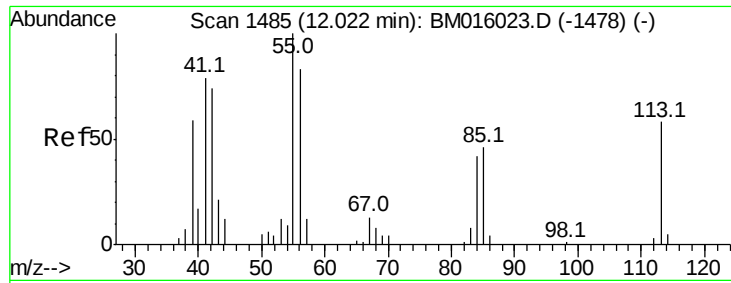
8/16/2018 5:28:05 PM



#34  
 Hexachlorobutadiene  
 Concen: 49.751 ng  
 RT: 11.23 min Scan# 1350  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 64.7 | 47.9  | 71.9 |       |       |
| 227     | 62.6 | 50.1  | 75.1 |       |       |





#35

Caprolactam

Concen: 39.140 ng

RT: 11.92 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:113 Resp: 14868

Ion Ratio Lower Upper

113 100

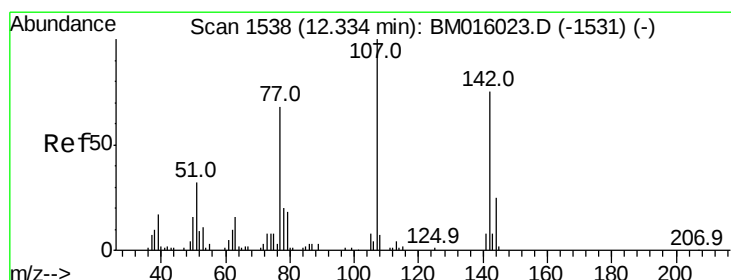
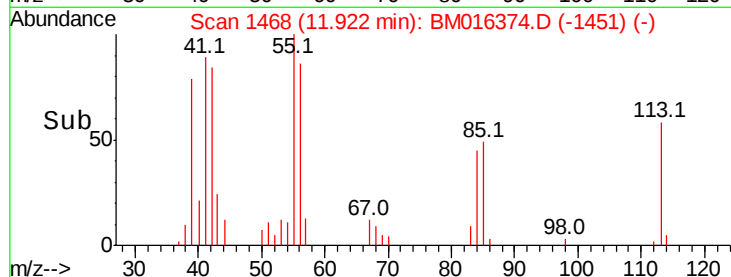
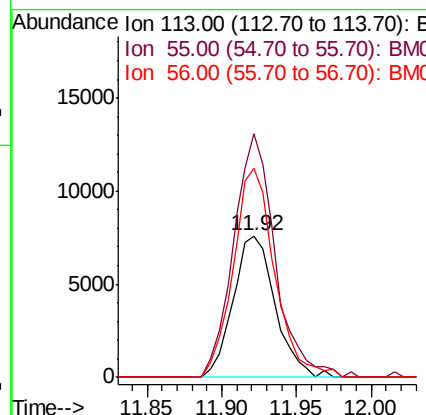
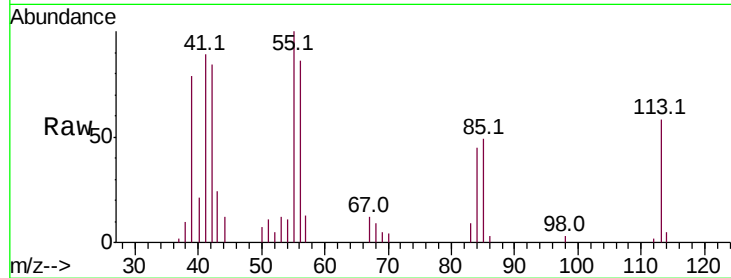
55 172.3 145.9 185.9

56 147.9 101.0 141.0#

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8/16/2018 5:28:05 PM



#36

4-Chloro-3-methylphenol

Concen: 42.783 ng

RT: 12.23 min Scan# 1520

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

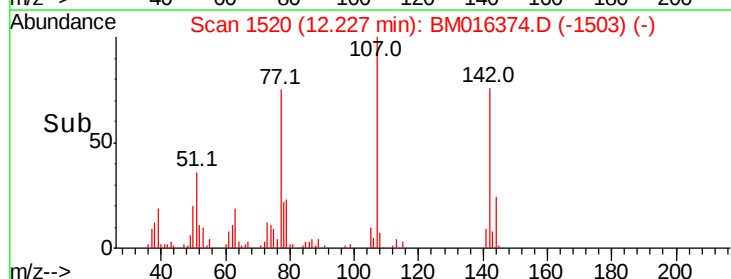
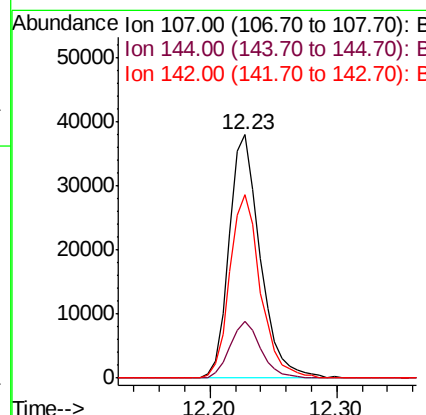
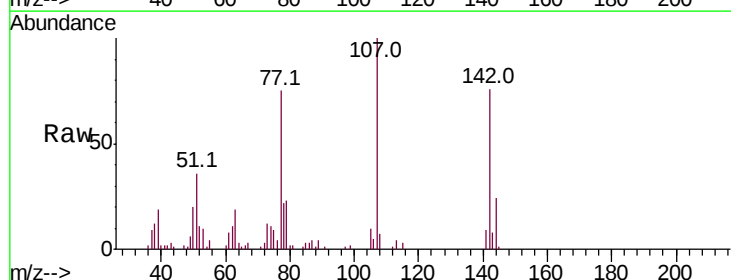
Tgt Ion:107 Resp: 64540

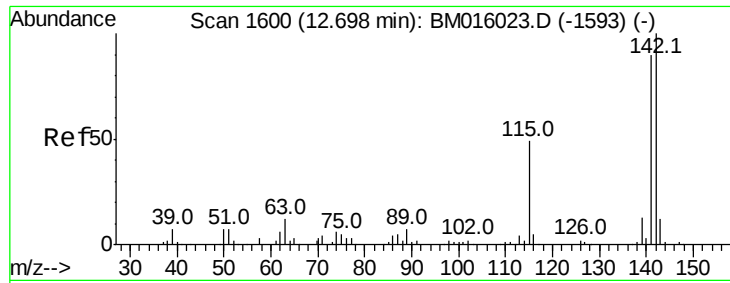
Ion Ratio Lower Upper

107 100

144 23.6 23.3 34.9

142 75.6 72.6 109.0





#37  
2-Methylnaphthalene  
Concen: 39.911 ng  
RT: 12.57 min Scan# 1579  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

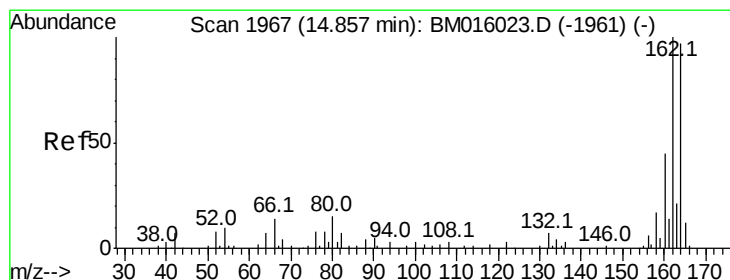
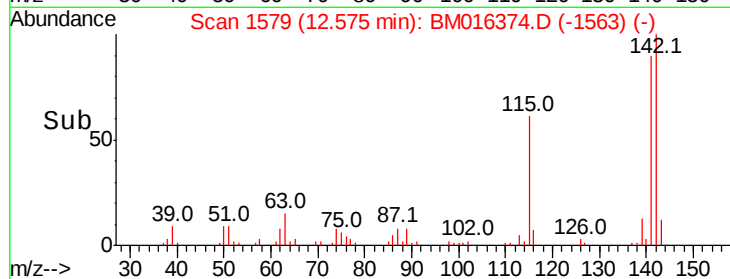
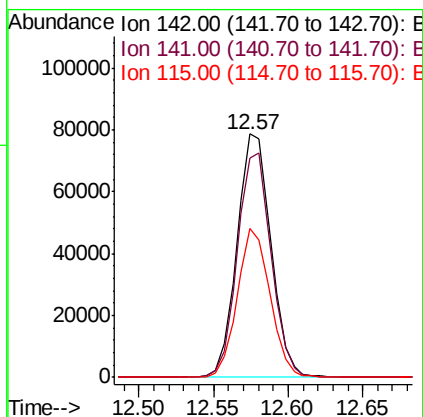
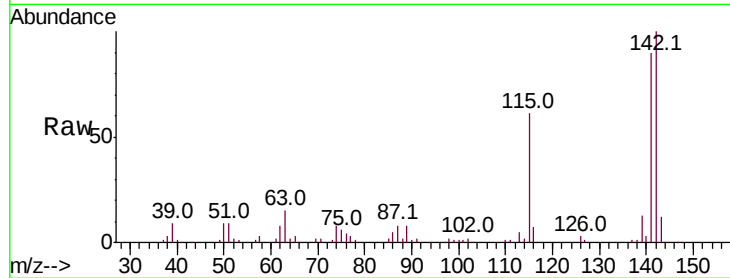
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.0  | 71.9  | 107.9 |
| 115     | 61.1  | 25.4  | 38.0  |

Manual Integrations  
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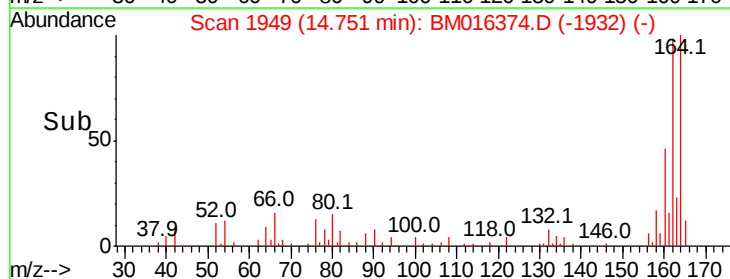
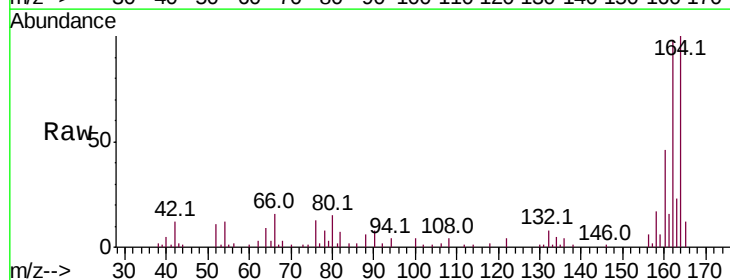
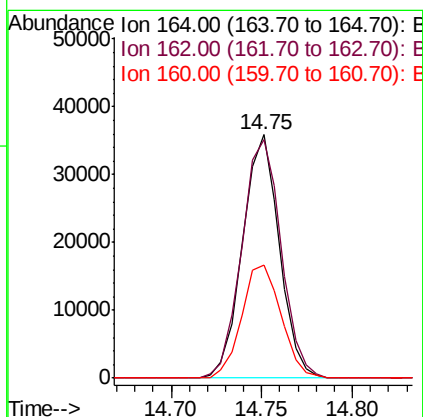
Sohil

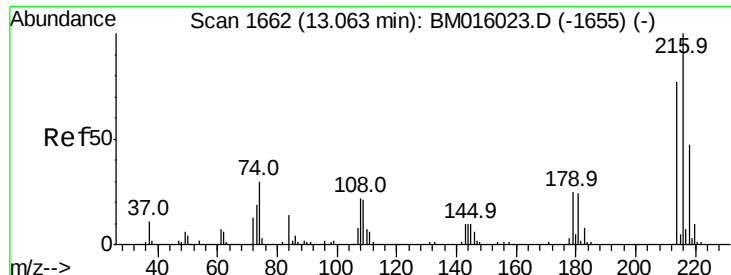
8/16/2018 5:28:05 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.75 min Scan# 1949  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 97.9  | 82.4  | 123.6 |
| 160     | 46.5  | 35.8  | 53.6  |





#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 45.310 ng  
 RT: 12.95 min Scan# 1642  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

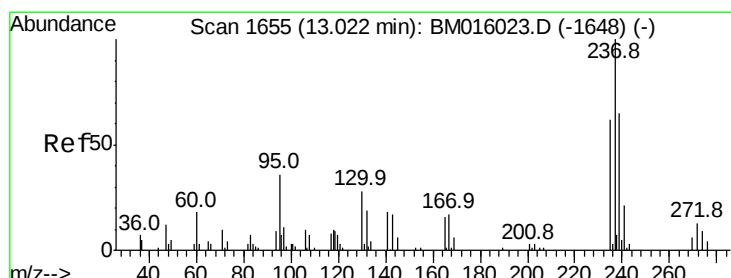
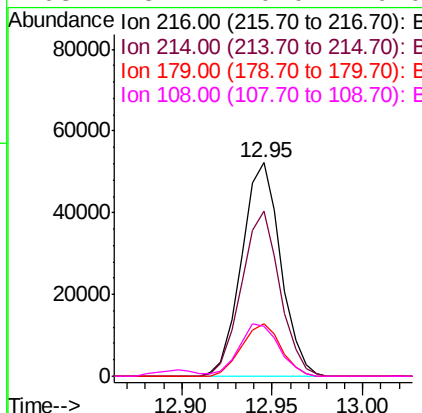
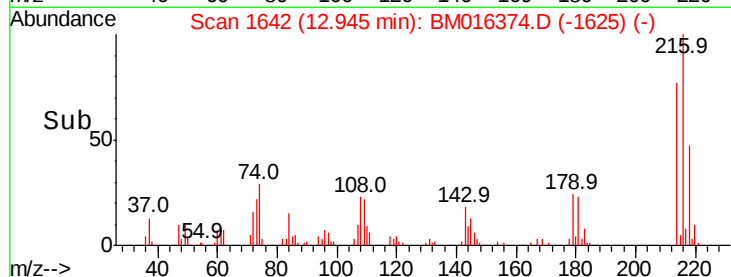
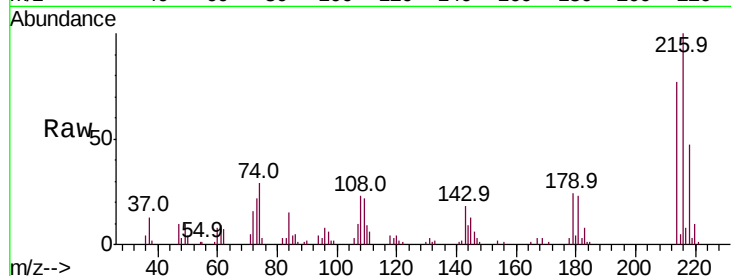
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 76.3  | 0.0  | 0.0   | 0.0   |
| 179     | 24.6  | 0.0  | 0.0   | 0.0   |
| 108     | 25.1  | 0.0  | 0.0   | 0.0   |

Manual Integrations  
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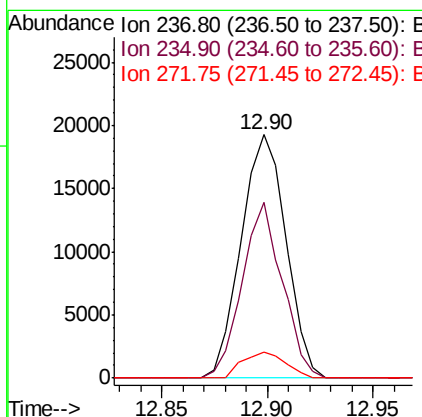
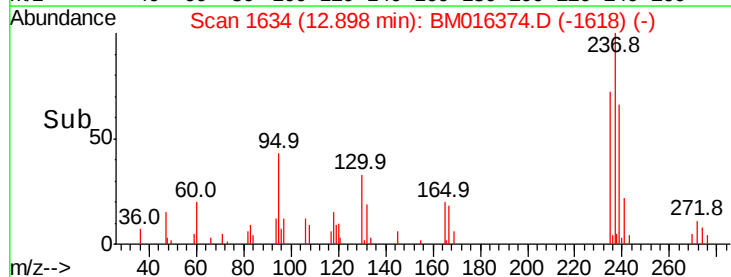
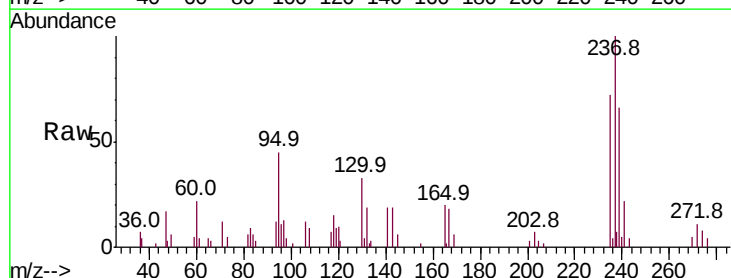
Sohil

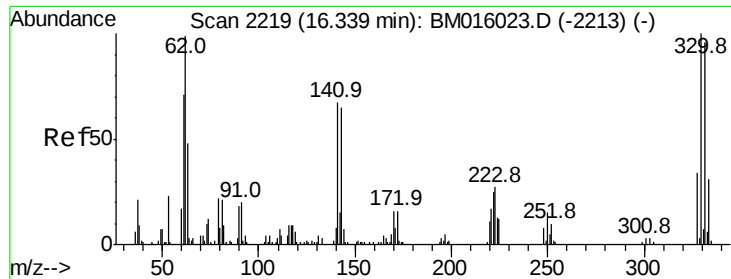
8/16/2018 5:28:05 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 38.034 ng  
 RT: 12.90 min Scan# 1634  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 237     | 100   |      |       |       |
| 235     | 72.2  | 42.0 | 82.0  |       |
| 272     | 10.5  | 0.0  | 33.4  |       |





#41  
 2,4,6-Tribromophenol  
 Concen: 38.034 ng  
 RT: 16.24 min Scan# 2202  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

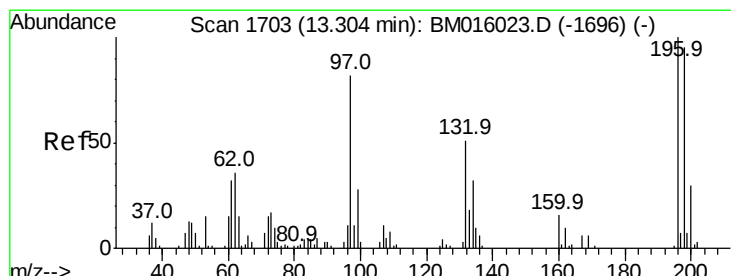
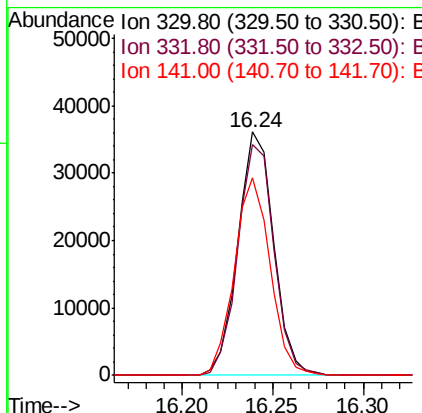
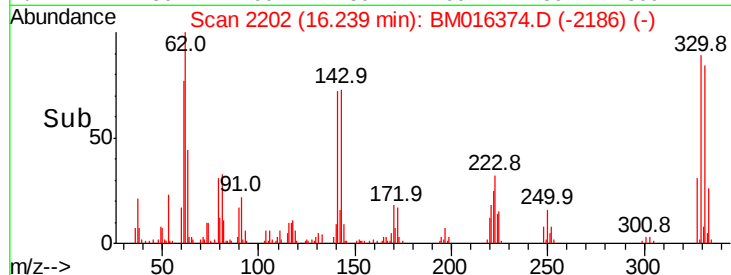
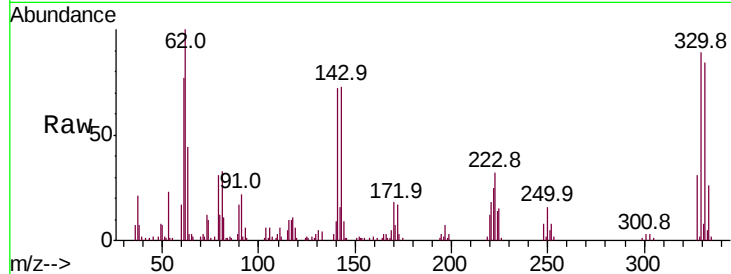
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.7  | 0.0  | 0.0   | #     |
| 141     | 81.4  | 0.0  | 0.0   | #     |

Manual Integrations  
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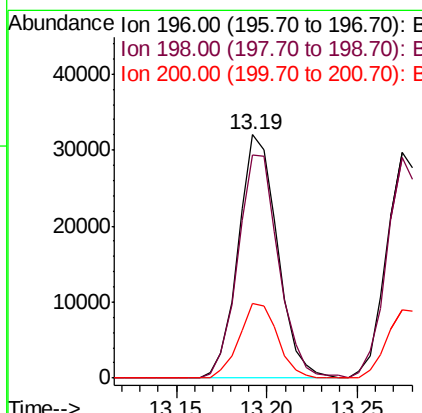
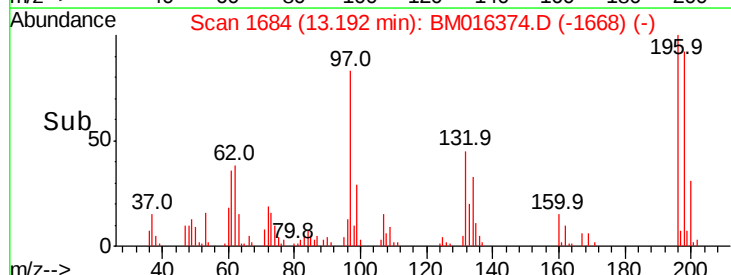
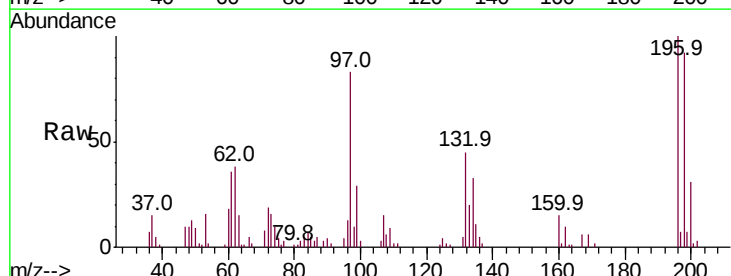
Sohil

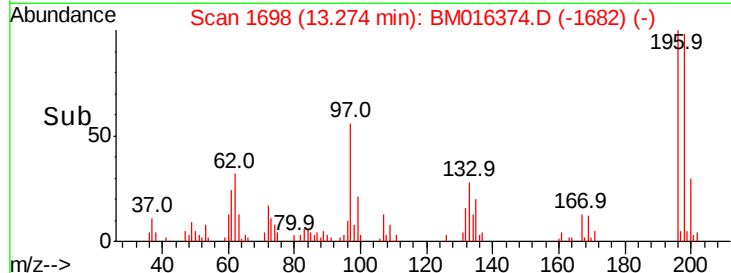
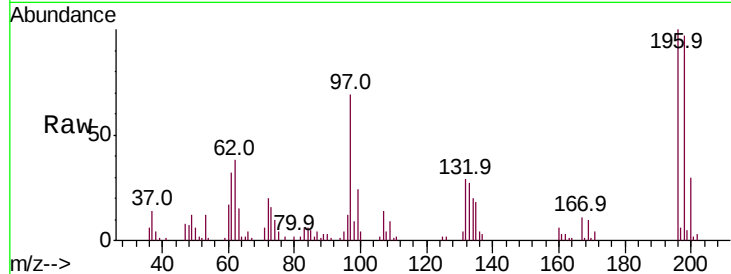
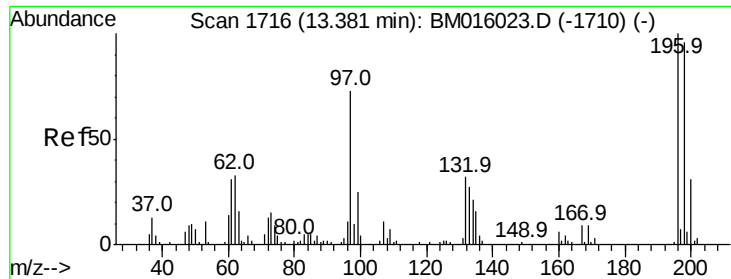
8/16/2018 5:28:05 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 44.547 ng  
 RT: 13.19 min Scan# 1684  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 91.6  | 76.3 | 114.5 |       |
| 200     | 30.6  | 25.6 | 38.4  |       |





#43  
2,4,5-Trichlorophenol  
Concen: 44.552 ng  
RT: 13.27 min Scan# 1698  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

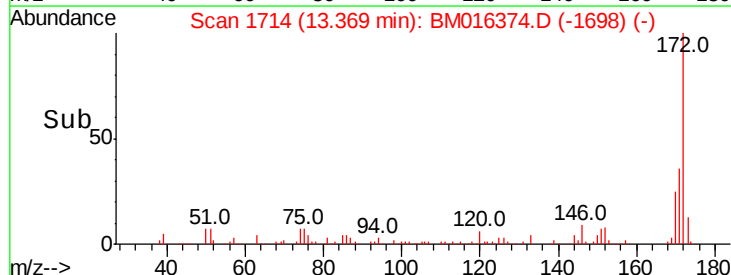
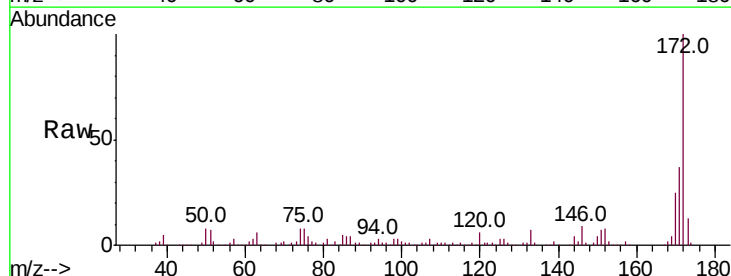
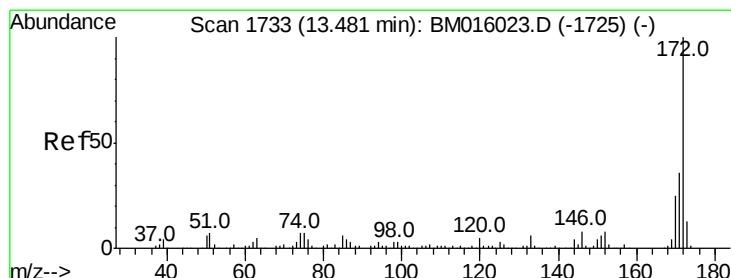
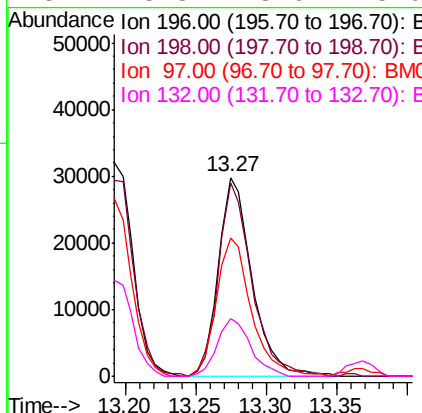
| Tot Ion   | 196   | Resp  | 49527 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 97.5  | 79.4  | 119.0 |
| 97        | 69.5  | 26.8  | 40.2# |
| 132       | 28.8  | 18.6  | 28.0# |

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
APPROVED

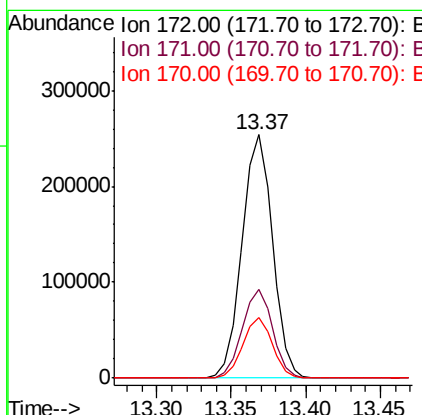
Sohil

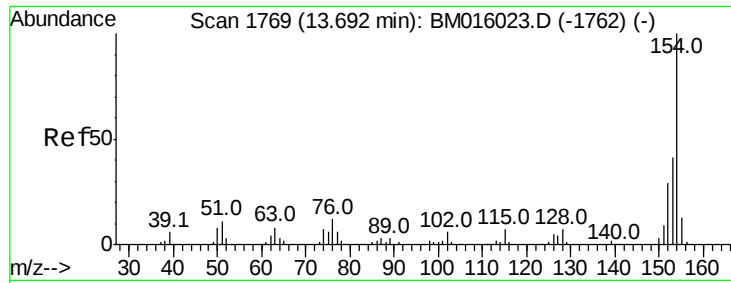
8/16/2018 5:28:05 PM



#44  
2-Fluorobiphenyl  
Concen: 44.552 ng  
RT: 13.37 min Scan# 1714  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion   | 172   | Resp  | 358961 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 36.5  | 28.5  | 42.7   |
| 170       | 25.1  | 18.8  | 28.2   |





#45  
 1,1'-Biphenyl  
 Concen: 38.705 ng  
 RT: 13.58 min Scan# 1750  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

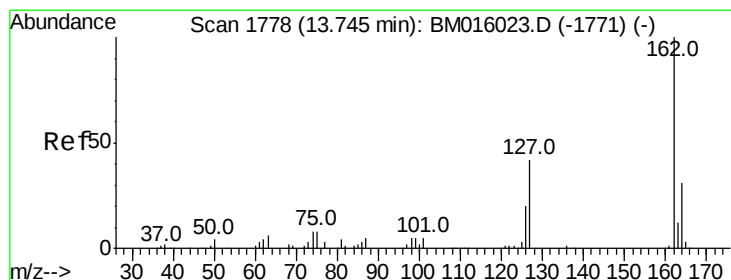
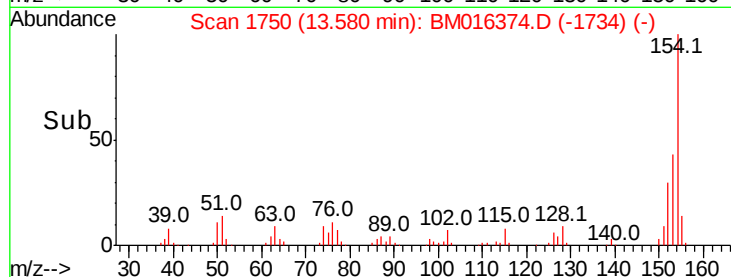
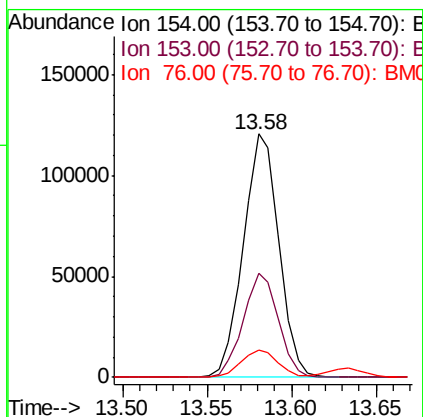
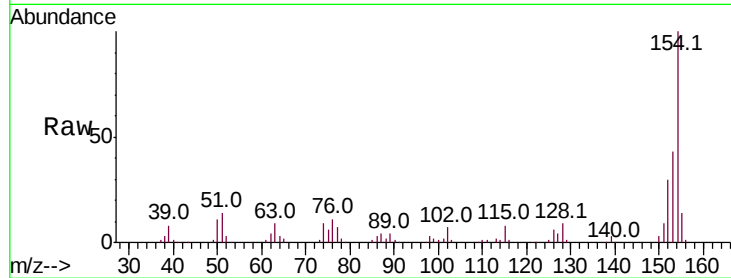
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 154  | Resp  | 176738 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 153       | 43.0 | 20.7  | 60.7   |
| 76        | 11.2 | 0.0   | 30.9   |

Manual Integrations  
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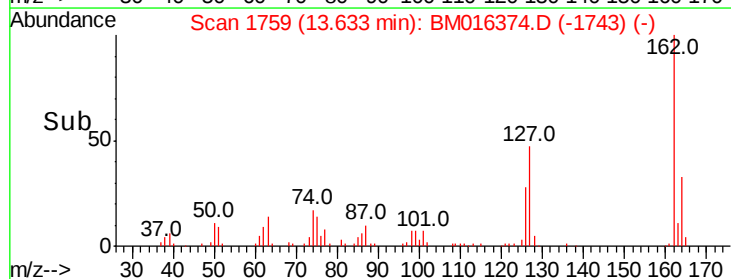
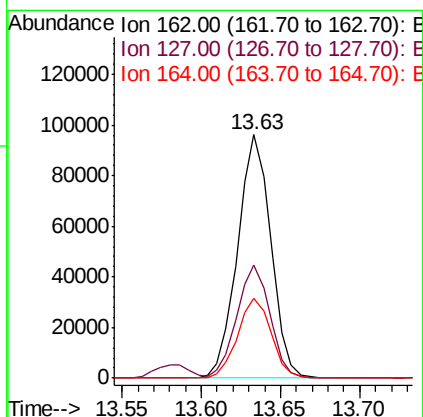
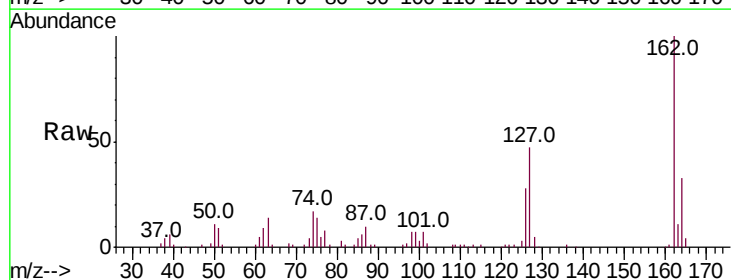
Sohil

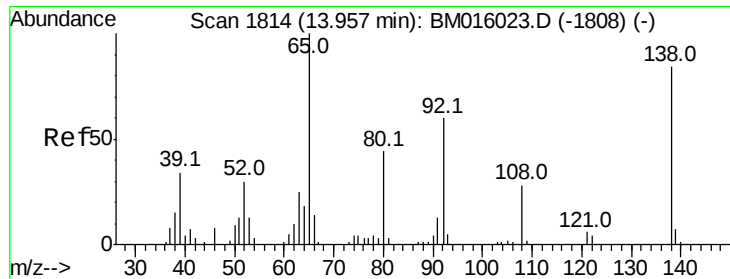
8/16/2018 5:28:05 PM



#46  
 2-Chloronaphthalene  
 Concen: 39.381 ng  
 RT: 13.63 min Scan# 1759  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

| Tgt Ion   | 162  | Resp  | 139862 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 127       | 46.6 | 26.9  | 40.3#  |
| 164       | 32.6 | 26.8  | 40.2   |





#47  
 2-Nitroaniline  
 Concen: 41.553 ng  
 RT: 13.86 min Scan# 1797  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

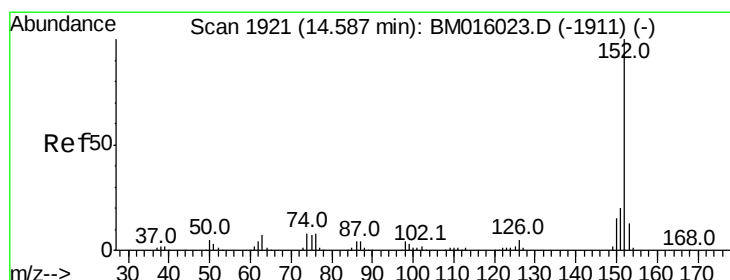
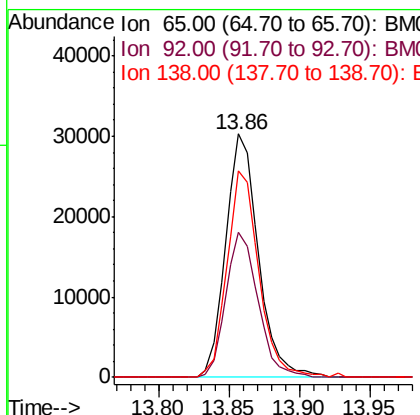
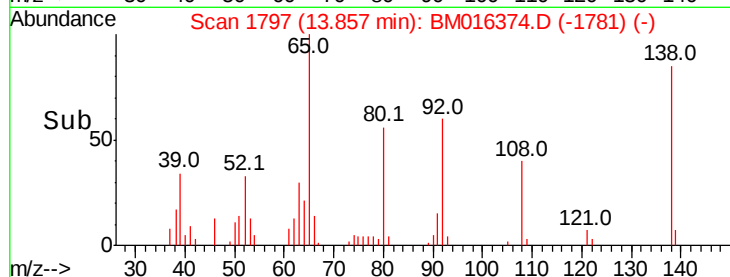
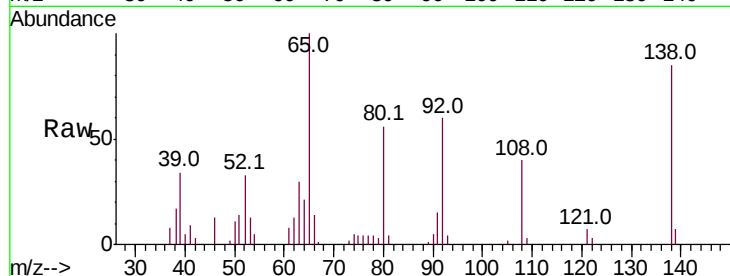
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 59.6  | 59.1  | 88.7  |
| 138     | 84.8  | 93.9  | 140.9 |

Manual Integrations  
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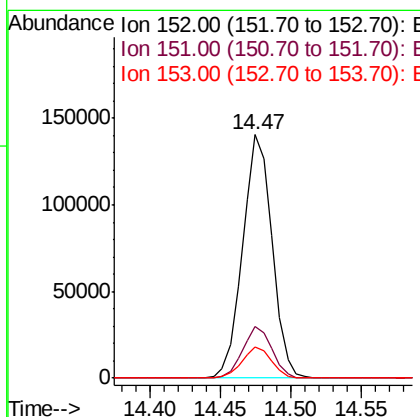
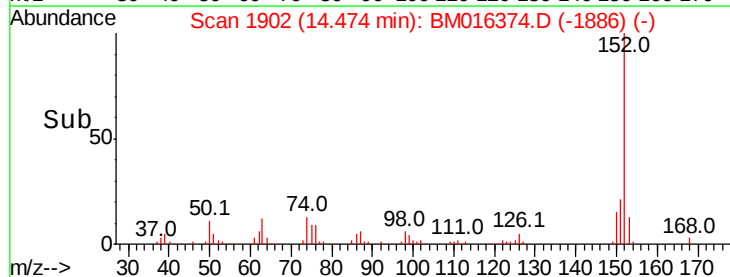
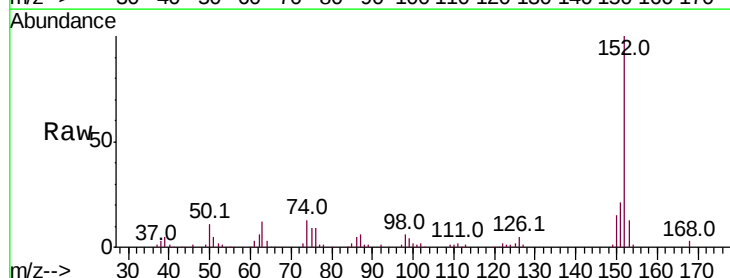
Sohil

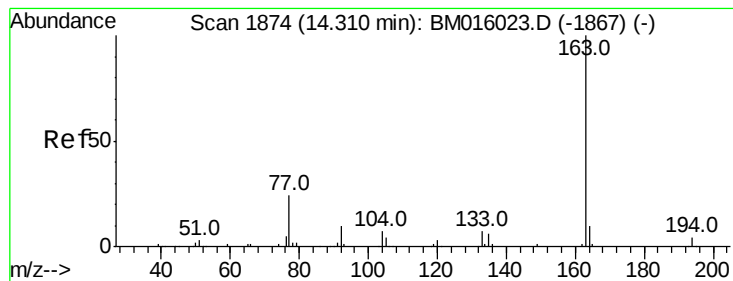
8/16/2018 5:28:05 PM



#48  
 Acenaphthylene  
 Concen: 39.489 ng  
 RT: 14.47 min Scan# 1902  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.3  | 15.9  | 23.9  |
| 153     | 12.8  | 10.6  | 16.0  |





#49

Dimethylphthalate

Concen: 40.513 ng

RT: 14.21 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

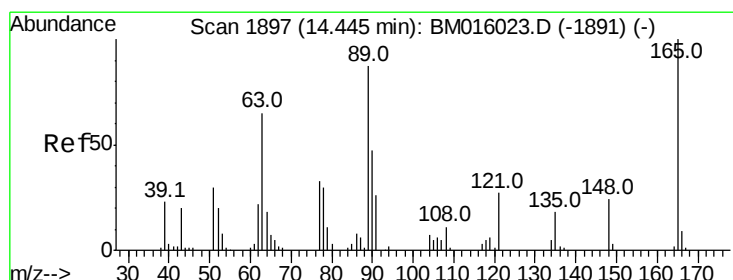
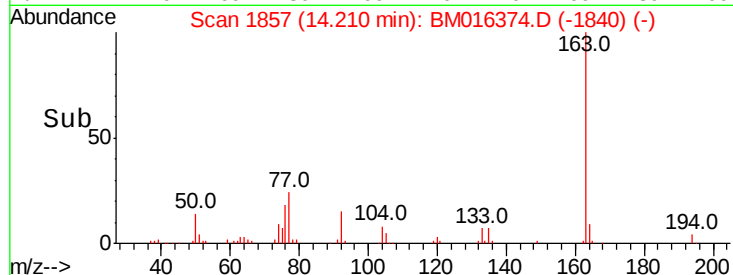
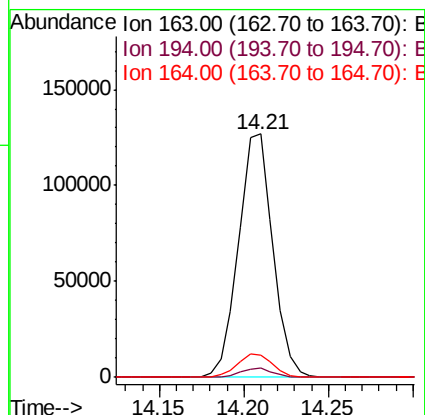
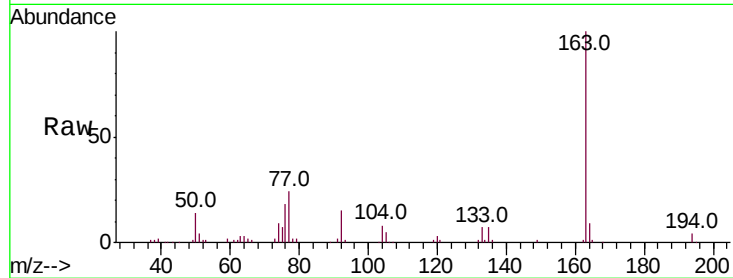
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 179392 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.8   | 2.7   | 4.1    |
| 164       | 9.0   | 8.2   | 12.2   |

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#50

2,6-Dinitrotoluene

Concen: 40.097 ng

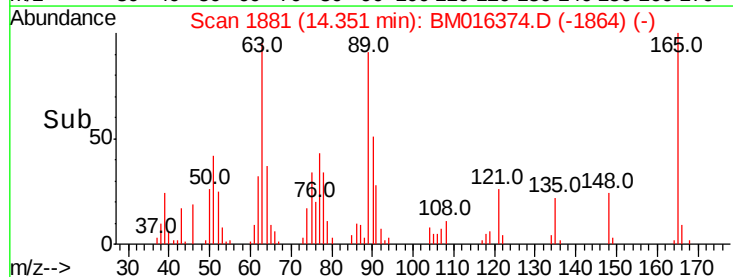
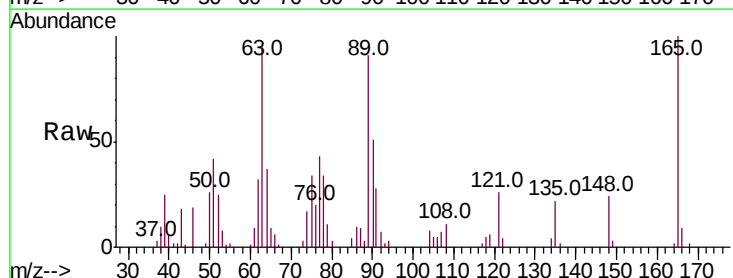
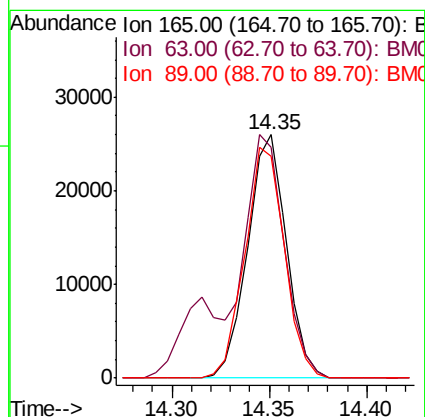
RT: 14.35 min Scan# 1881

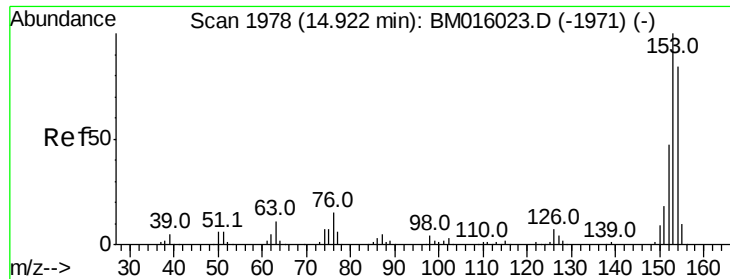
Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 35724 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 94.9  | 44.1  | 66.1# |
| 89        | 91.4  | 44.3  | 66.5# |





#51

Acenaphthene

Concen: 38.439 ng

RT: 14.82 min Scan# 1960

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

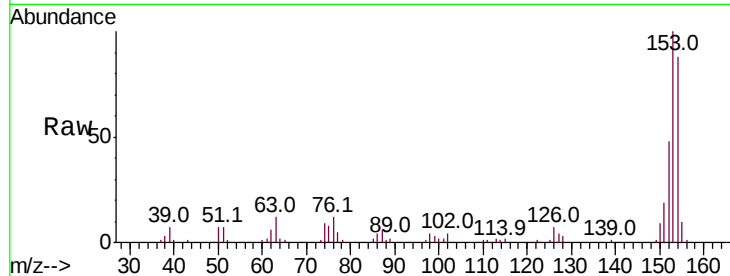
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 122913 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.9 | 90.0  | 135.0  |
| 152       | 55.0  | 42.6  | 63.8   |

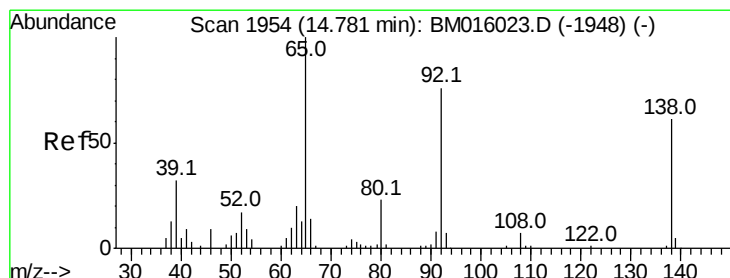
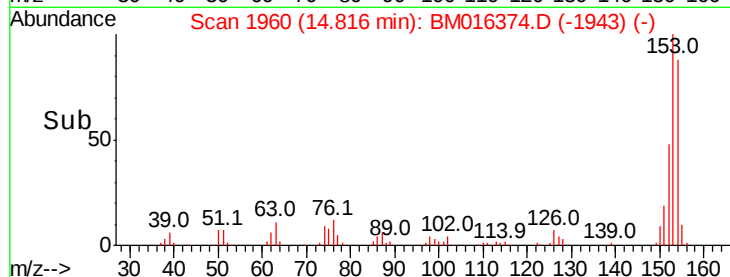
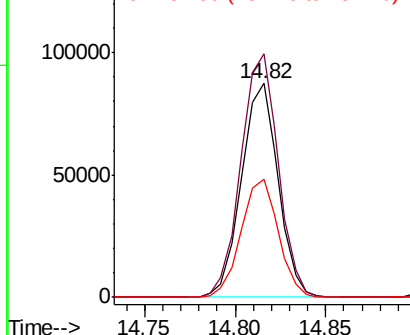
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 37.598 ng

RT: 14.69 min Scan# 1938

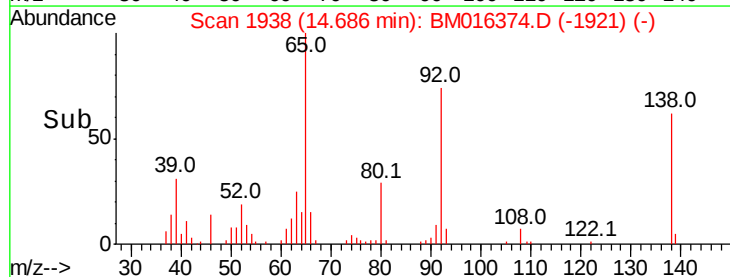
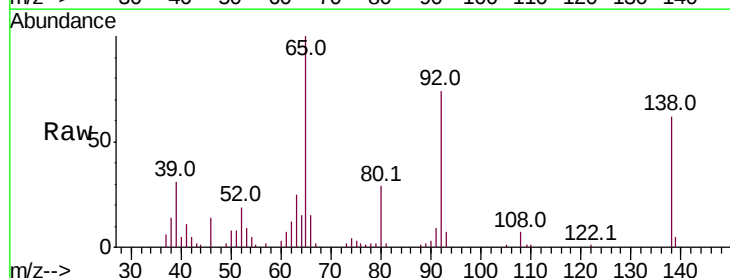
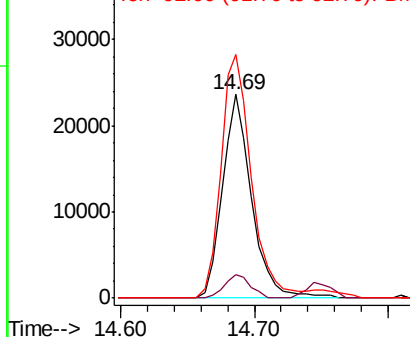
Delta R.T. 0.00 min

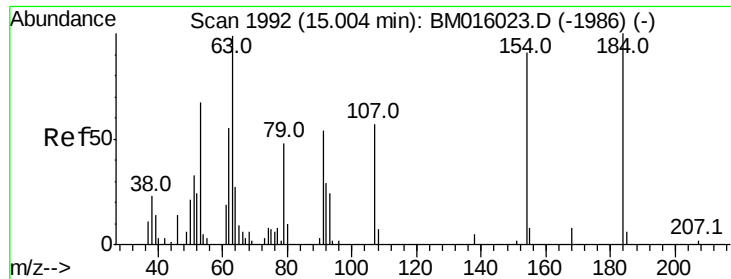
Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 36181  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 11.7  | 7.3   | 10.9#  |
| 92        | 119.5 | 76.6  | 114.8# |

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





#53  
2,4-Dinitrophenol  
Concen: 44.482 ng  
RT: 14.92 min Scan# 1977  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

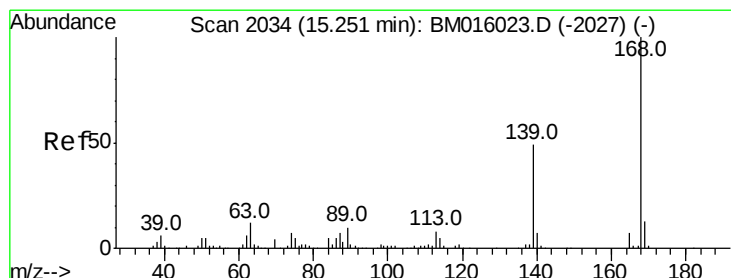
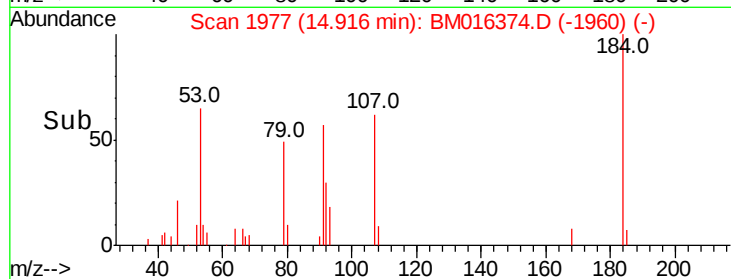
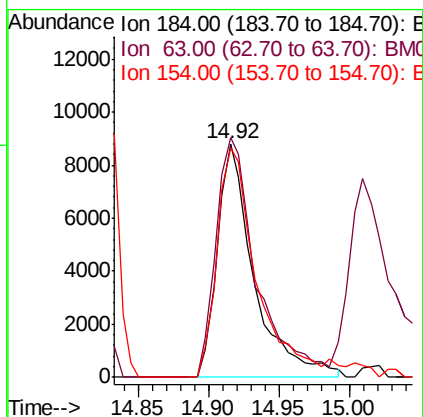
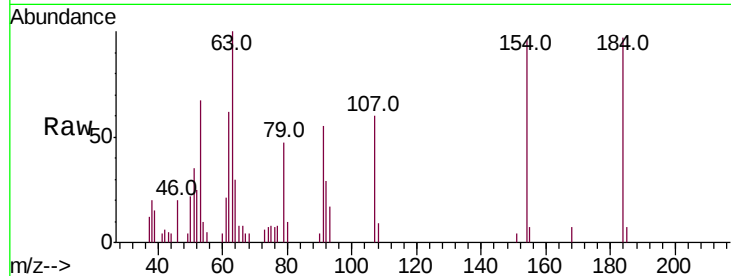
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 102.8 | 69.2  | 103.8 |
| 154     | 98.3  | 53.3  | 79.9# |

Manual Integrations  
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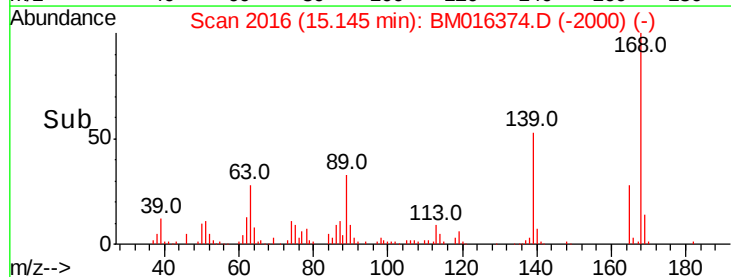
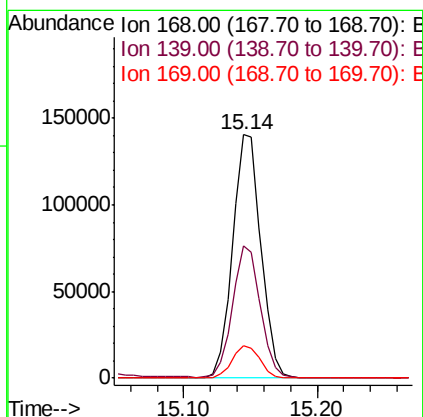
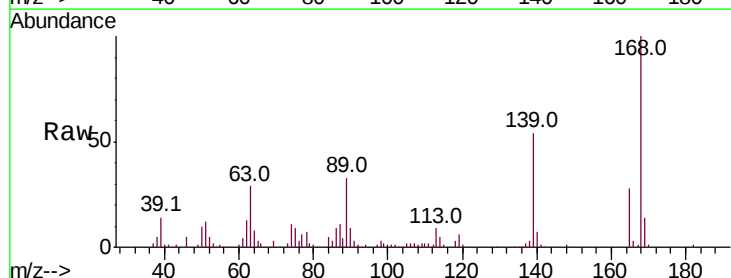
Sohil

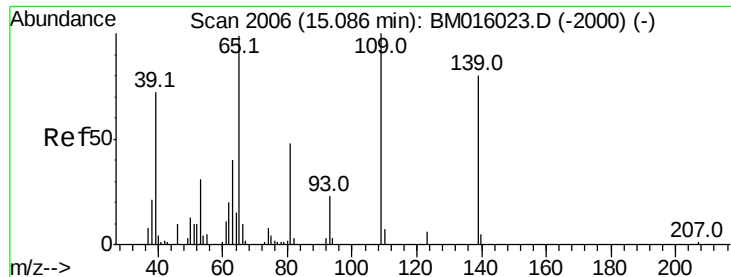
8/16/2018 5:28:05 PM



#54  
Dibenzofuran  
Concen: 39.255 ng  
RT: 15.14 min Scan# 2016  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 54.3  | 27.3  | 40.9# |
| 169     | 13.6  | 10.6  | 16.0  |





#55  
4-Nitrophenol  
Concen: 33.471 ng  
RT: 15.01 min Scan# 1993  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

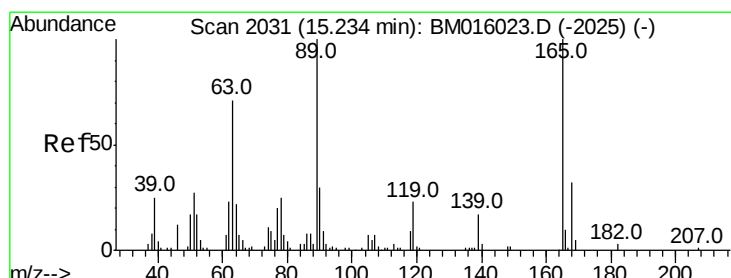
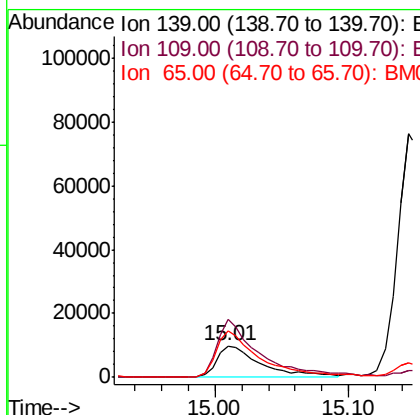
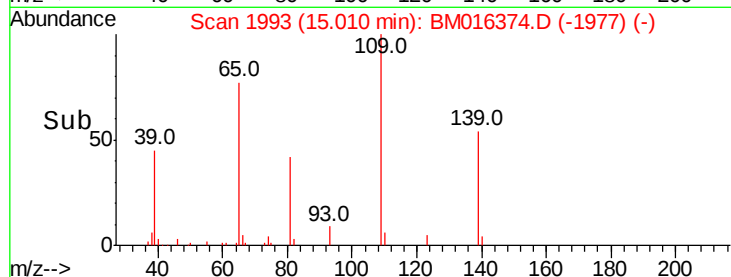
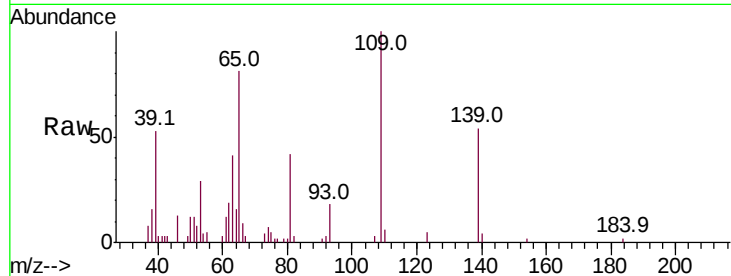
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:139 Resp: 23090  
Ion Ratio Lower Upper  
139 100  
109 184.4 130.0 170.0#  
65 149.2 130.0 170.0

Manual Integrations  
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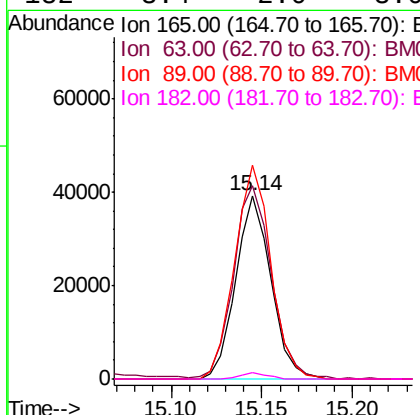
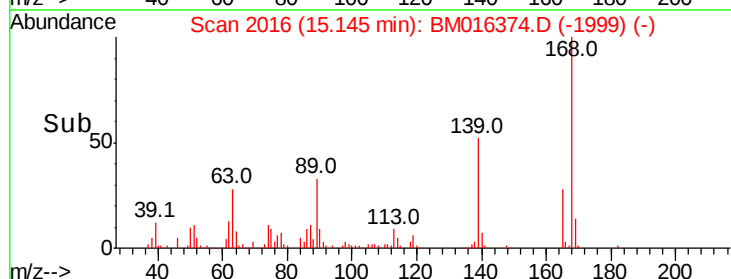
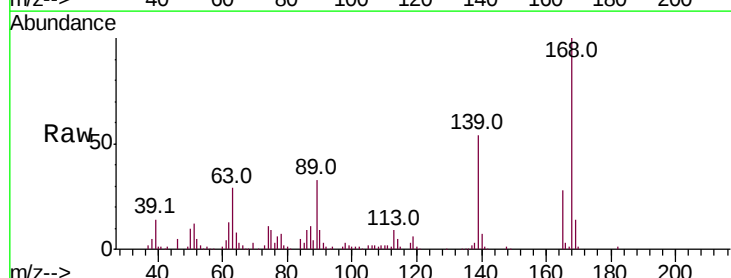
Sohil

8/16/2018 5:28:05 PM



#56  
2,4-Dinitrotoluene  
Concen: 41.572 ng  
RT: 15.14 min Scan# 2016  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

Tgt Ion:165 Resp: 52959  
Ion Ratio Lower Upper  
165 100  
63 105.3 52.4 78.6#  
89 116.6 72.4 108.6#  
182 3.4 2.0 3.0#





#57

Fluorene

Concen: 39.546 ng

RT: 15.79 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

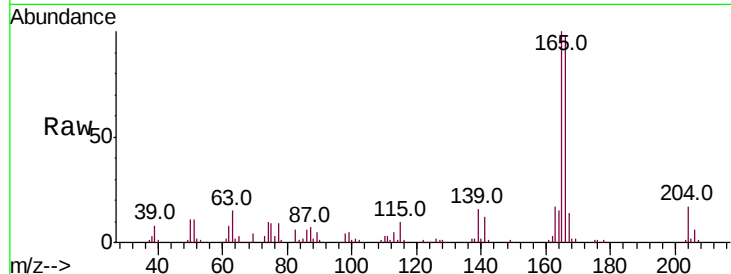
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 154846 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 102.4 | 79.0  | 118.4  |
| 167       | 14.1  | 10.3  | 15.5   |

Manual Integrations  
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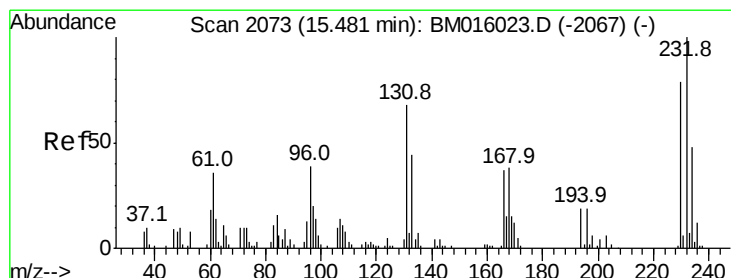
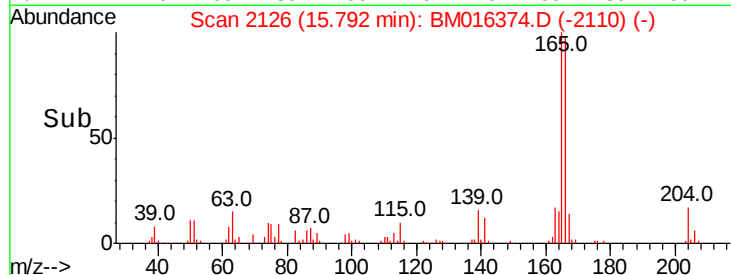
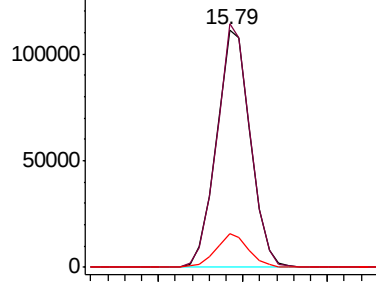


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.734 ng

RT: 15.38 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 40833 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 68.9  | 0.0   | 0.0#  |
| 130       | 5.3   | 0.0   | 0.0#  |
| 166       | 36.4  | 0.0   | 0.0#  |

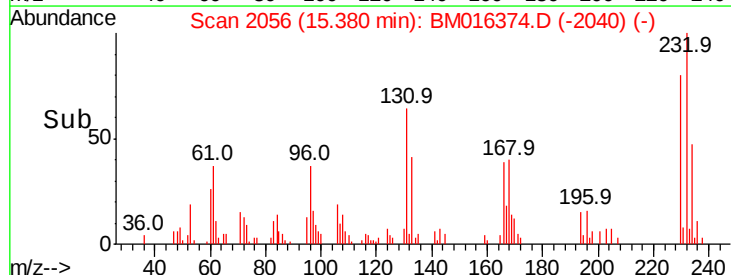
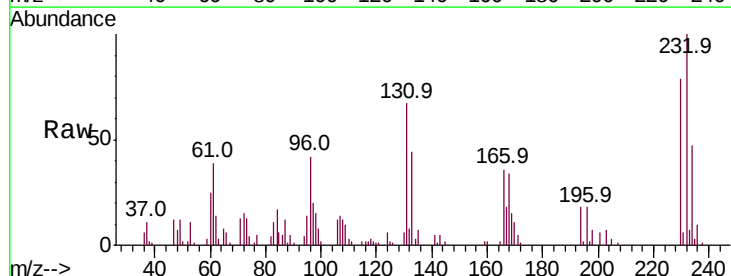
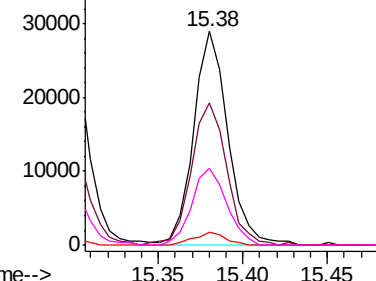
Abundance

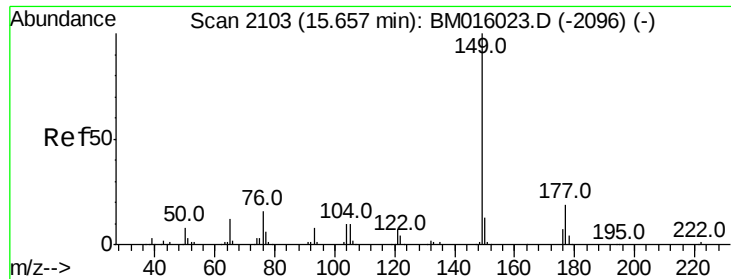
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59  
Diethylphthalate  
Concen: 41.833 ng  
RT: 15.56 min Scan# 2086  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

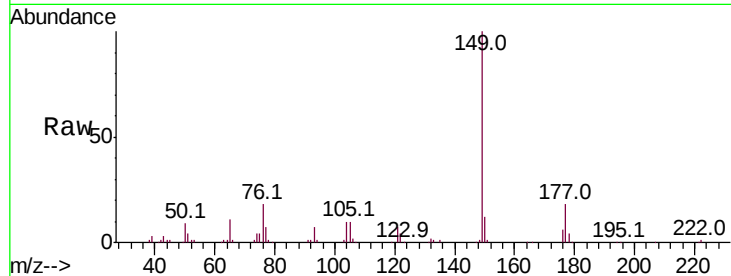
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 18.2  | 18.3  | 27.5# |
| 150     | 12.1  | 9.8   | 14.8  |

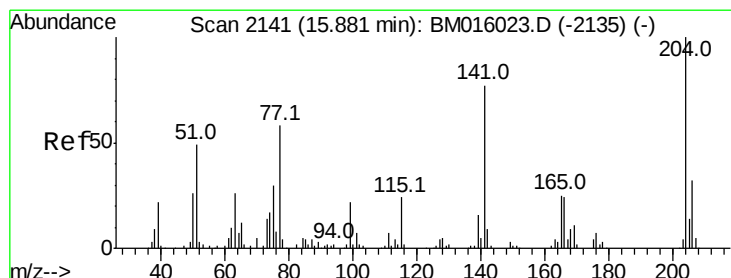
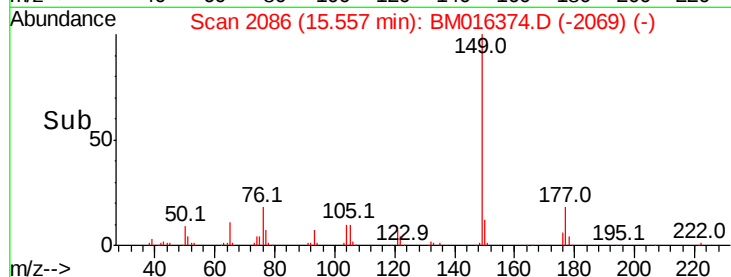
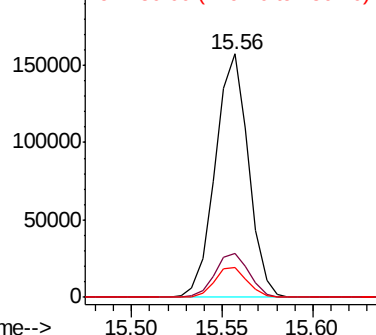
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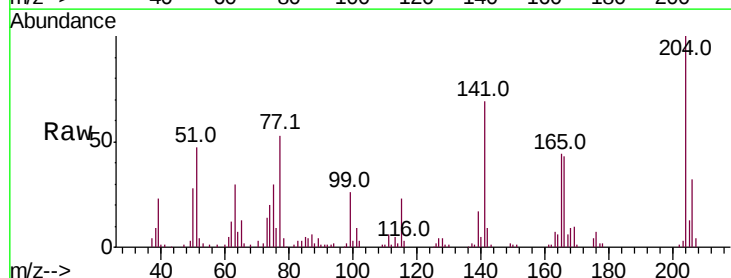


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

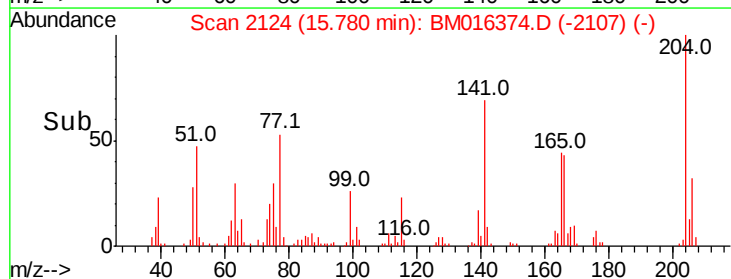
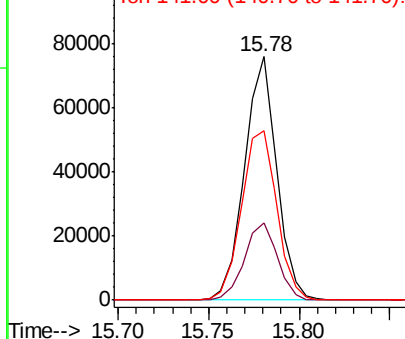


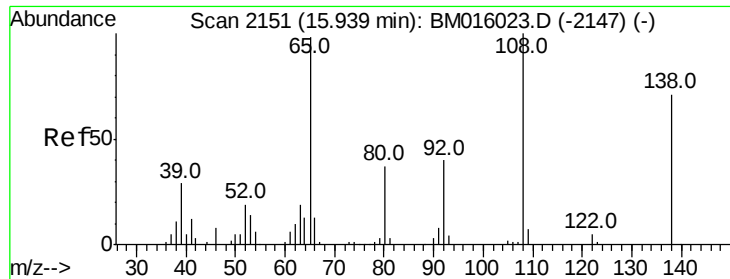
#60  
4-Chlorophenyl-phenylether  
Concen: 43.000 ng  
RT: 15.78 min Scan# 2124  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.8  | 26.6  | 39.8  |
| 141     | 69.4  | 45.2  | 67.8# |



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E





#61  
4-Nitroaniline  
Concen: 37.257 ng  
RT: 15.85 min Scan# 2136  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

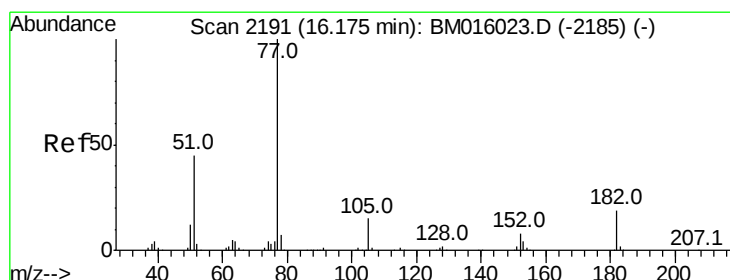
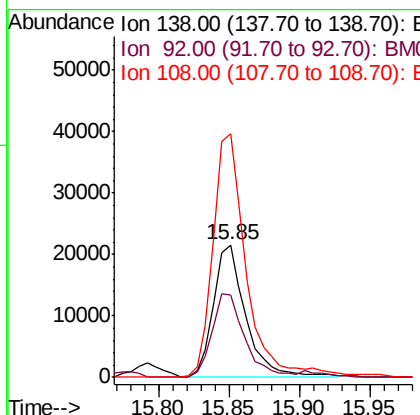
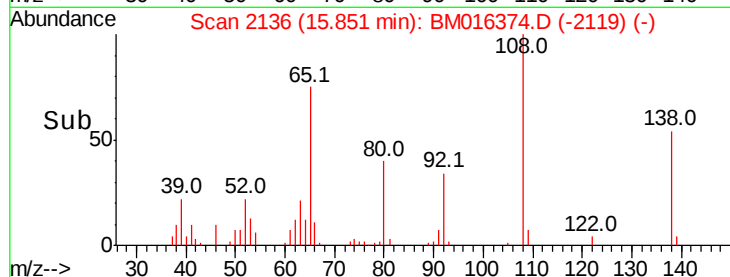
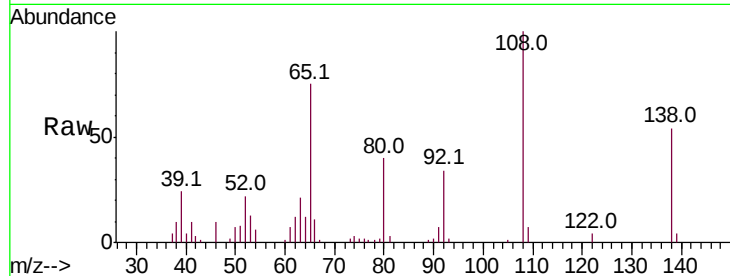
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 61.7  | 16.7  | 56.7# |
| 108     | 183.9 | 37.6  | 77.6# |

Manual Integrations  
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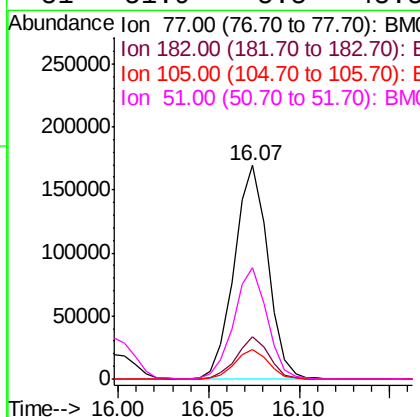
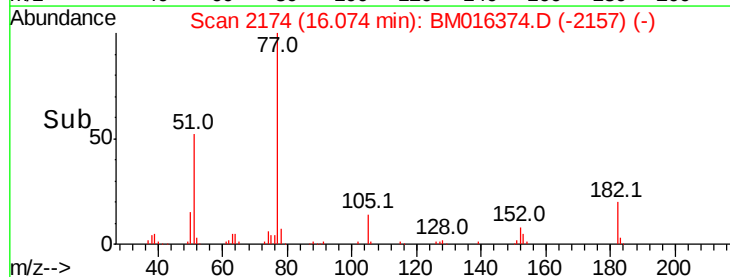
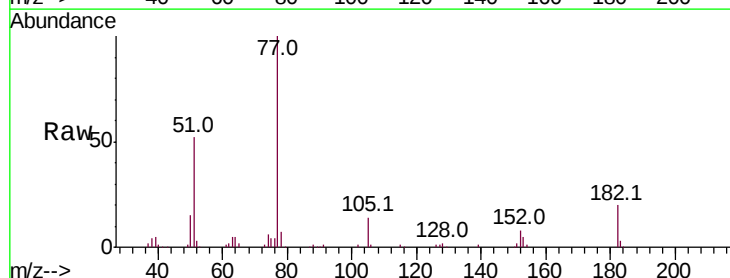
Sohil

8/16/2018 5:28:05 PM



#62  
Azobenzene  
Concen: 43.570 ng  
RT: 16.07 min Scan# 2174  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 19.7  | 6.5   | 46.5  |
| 105     | 13.6  | 3.8   | 43.8  |
| 51      | 51.9  | 5.5   | 45.5# |





#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.49 min Scan# 2414  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

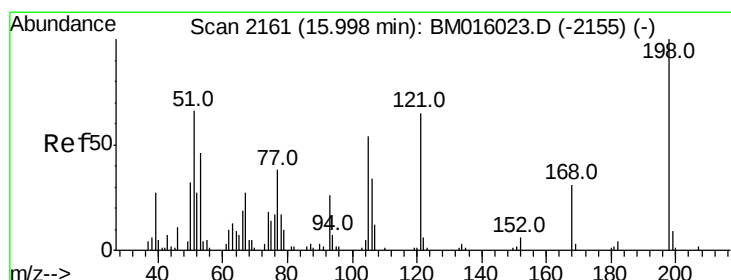
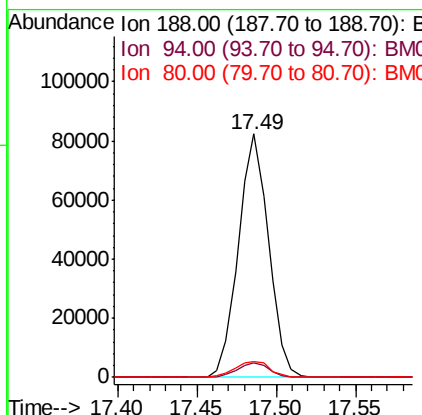
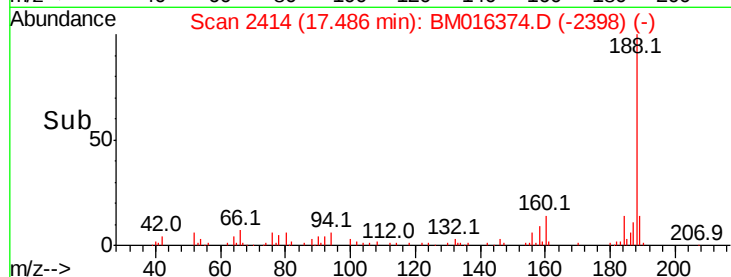
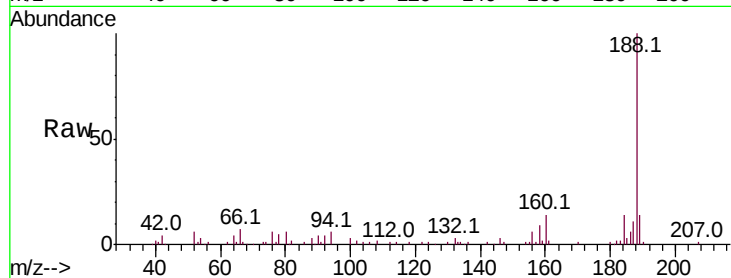
Instrument :  
BNA\_M  
ClientSampled :  
SSTDCCC040

|             |              |
|-------------|--------------|
| Tot Ion:188 | Resp: 108801 |
| Ion Ratio   | Lower Upper  |
| 188 100     |              |
| 94 6.0      | 8.7 13.1#    |
| 80 6.5      | 9.3 13.9#    |

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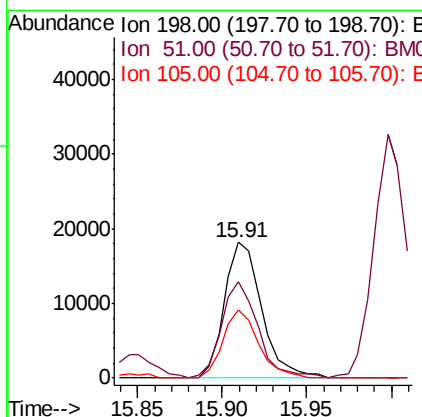
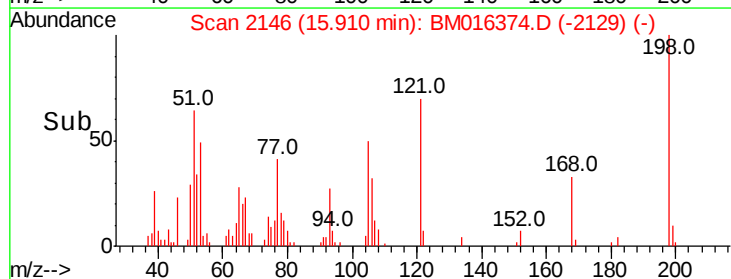
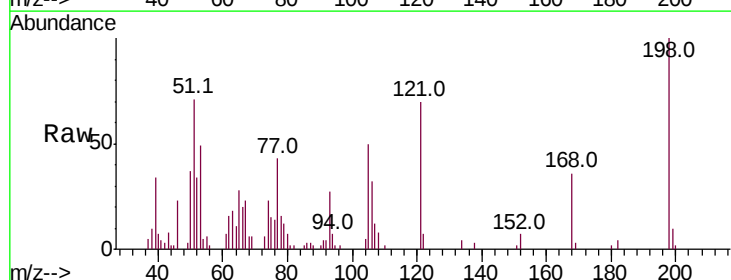
Sohil

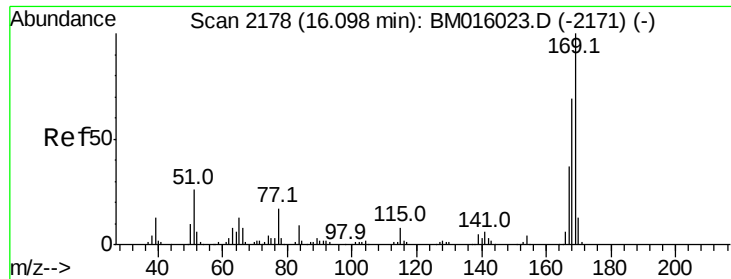
8/16/2018 5:28:05 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.289 ng  
RT: 15.91 min Scan# 2146  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

|             |             |
|-------------|-------------|
| Tgt Ion:198 | Resp: 27927 |
| Ion Ratio   | Lower Upper |
| 198 100     |             |
| 51 70.9     | 28.8 68.8#  |
| 105 50.1    | 30.5 70.5   |





#65  
n-Nitrosodiphenylamine  
Concen: 39.710 ng  
RT: 16.00 min Scan# 2161  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

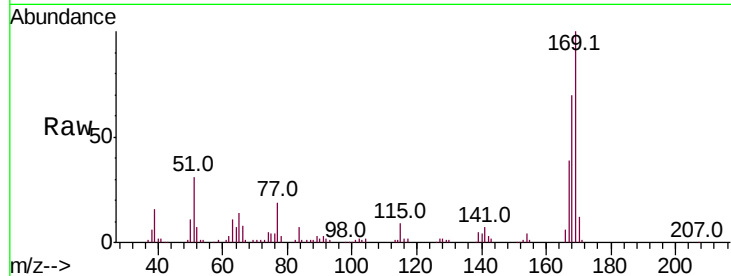
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 69.5  | 53.9 | 80.9  |       |
| 167     | 38.6  | 28.9 | 43.3  |       |

Manual Integrations  
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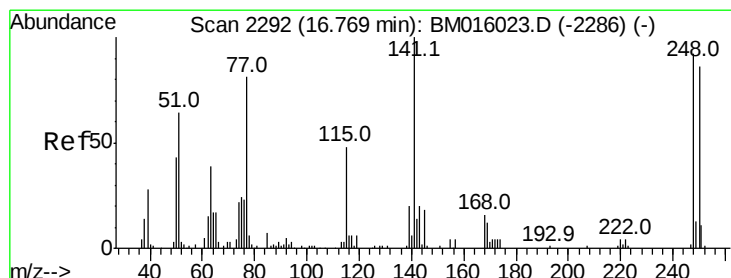
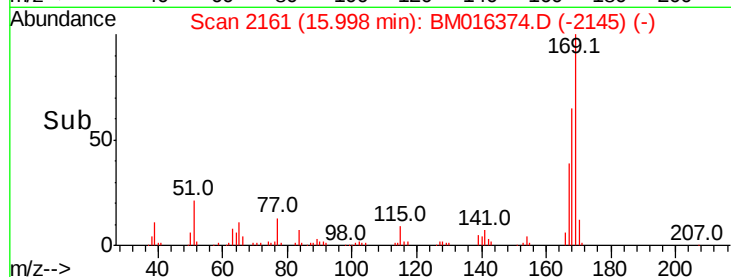
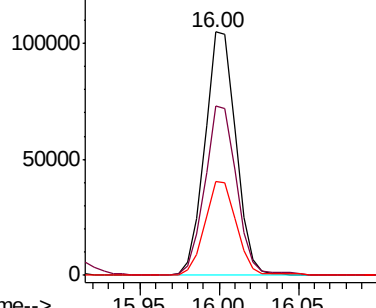


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
4-Bromophenyl-phenylether  
Concen: 42.791 ng  
RT: 16.67 min Scan# 2275  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

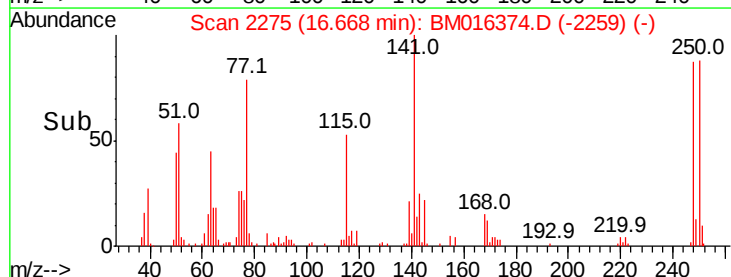
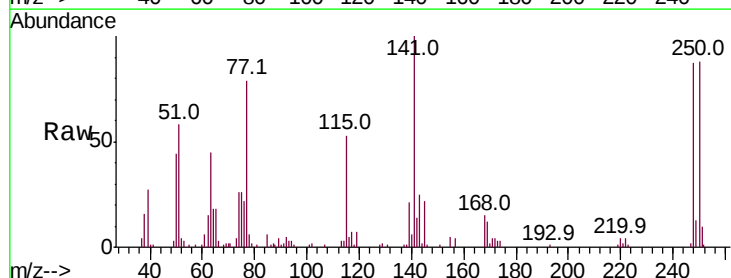
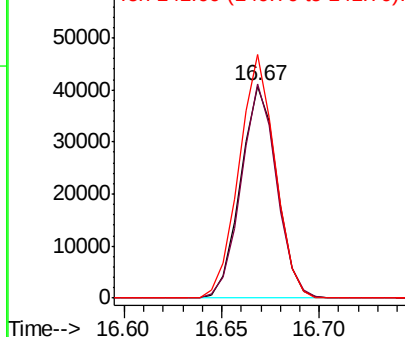
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 101.1 | 77.4 | 116.0 |       |
| 141     | 114.8 | 45.2 | 67.8# |       |

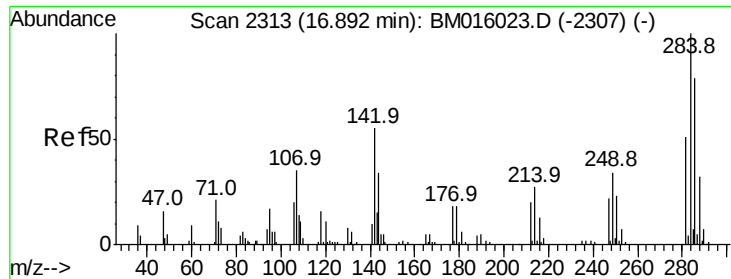
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67  
Hexachlorobenzene  
Concen: 38.942 ng  
RT: 16.79 min Scan# 2296  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

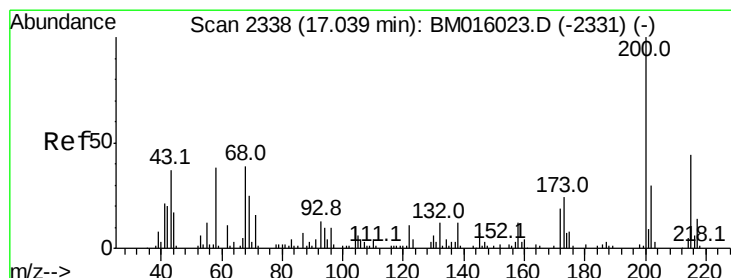
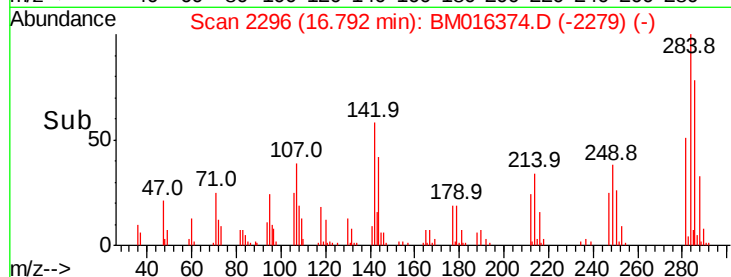
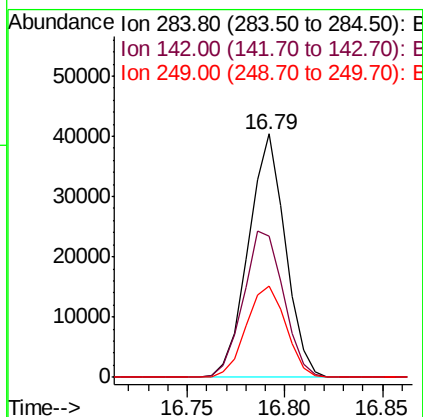
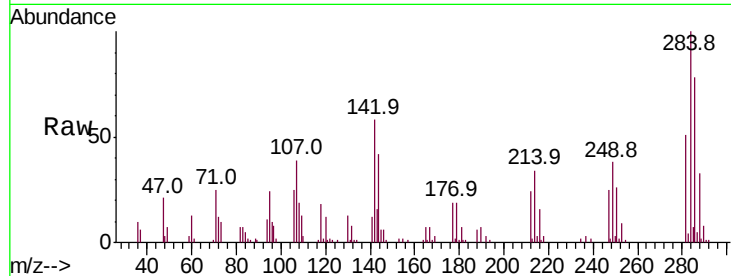
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 58.0  | 20.4 | 30.6  | #     |
| 249     | 37.5  | 23.8 | 35.6  | #     |

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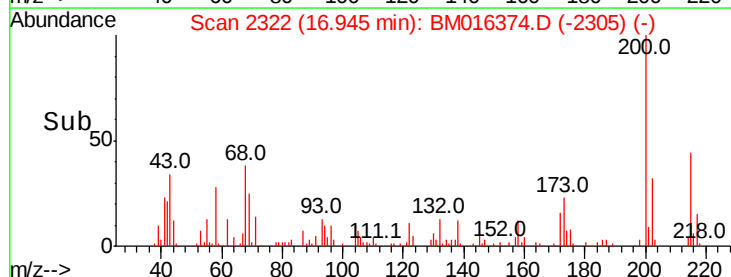
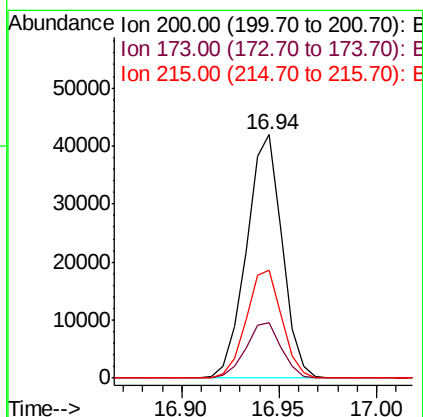
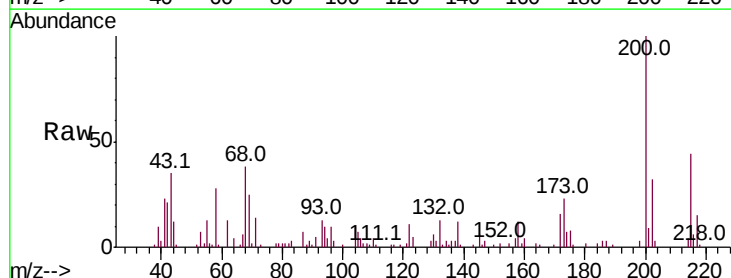
Sohil

8/16/2018 5:28:05 PM



#68  
Atrazine  
Concen: 41.194 ng  
RT: 16.94 min Scan# 2322  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 22.7  | 4.8  | 44.8  |       |
| 215     | 44.1  | 26.9 | 66.9  |       |





#69  
 Pentachlorophenol  
 Concen: 37.783 ng  
 RT: 17.14 min Scan# 2356  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

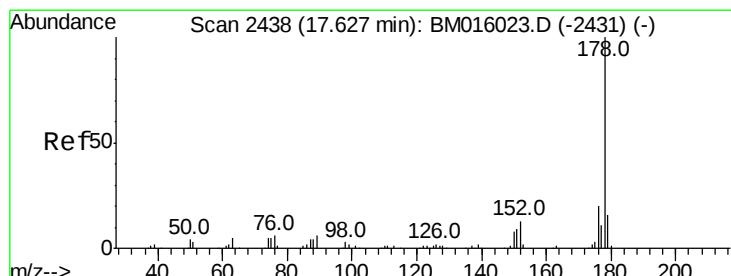
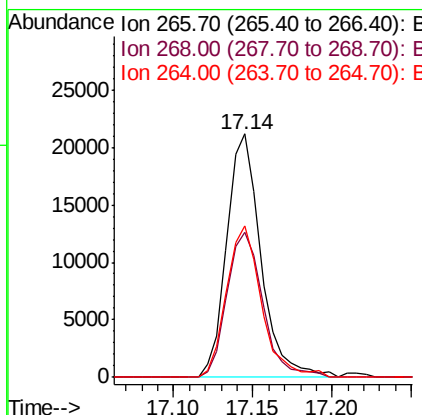
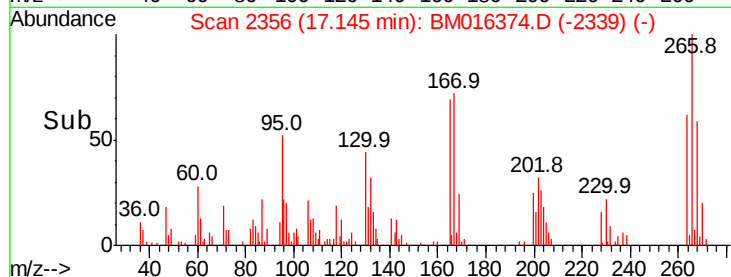
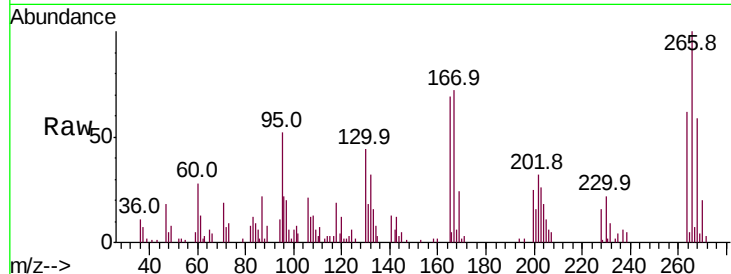
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 266   | Resp: | 31742 |
| Ion Ratio | Lower | Upper |       |
| 266       | 100   |       |       |
| 268       | 59.4  | 52.0  | 78.0  |
| 264       | 62.1  | 49.0  | 73.4  |

Manual Integrations  
 APPROVED

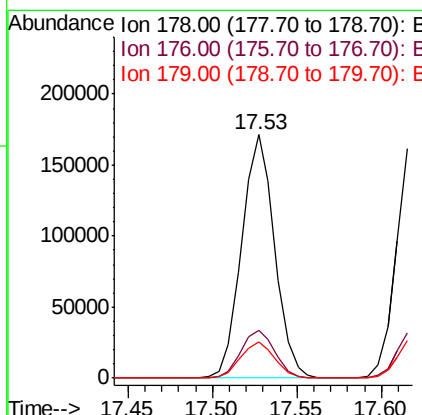
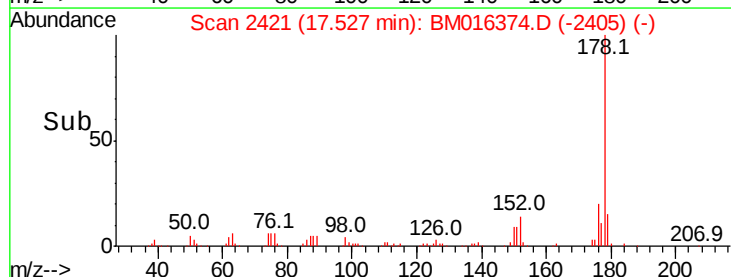
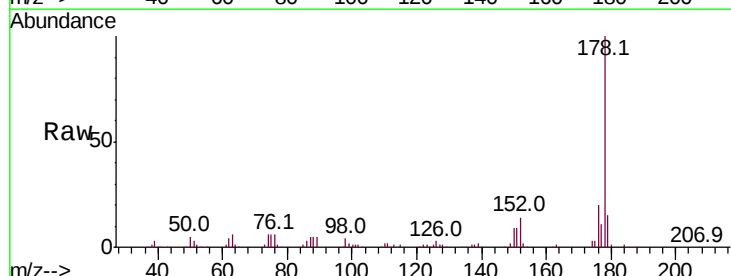
Sohil

8/16/2018 5:28:05 PM



#70  
 Phenanthrene  
 Concen: 38.193 ng  
 RT: 17.53 min Scan# 2421  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 232649 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.7  | 15.2  | 22.8   |
| 179       | 15.1  | 12.1  | 18.1   |





#71  
 Anthracene  
 Concen: 39.747 ng  
 RT: 17.62 min Scan# 2437  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

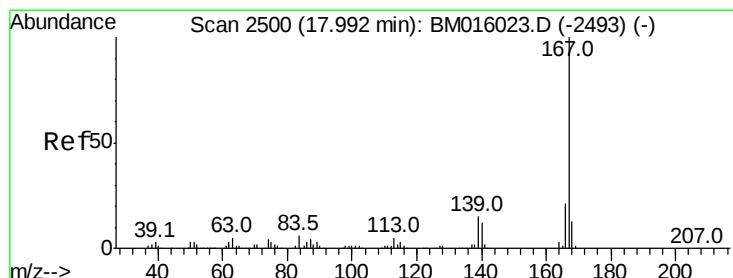
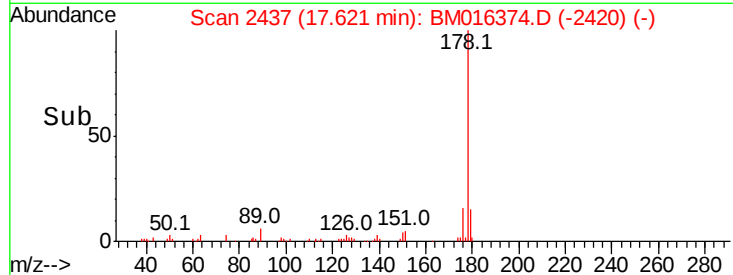
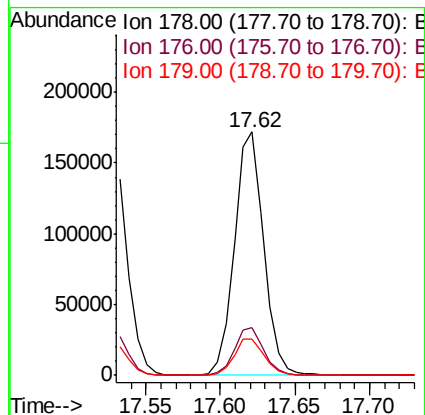
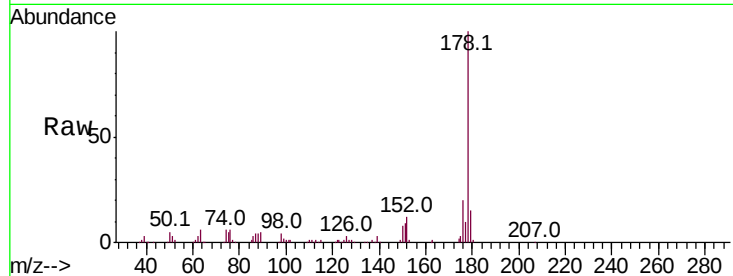
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 14.6  | 22.0  |
| 179     | 15.1  | 12.6  | 19.0  |

Manual Integrations  
 APPROVED

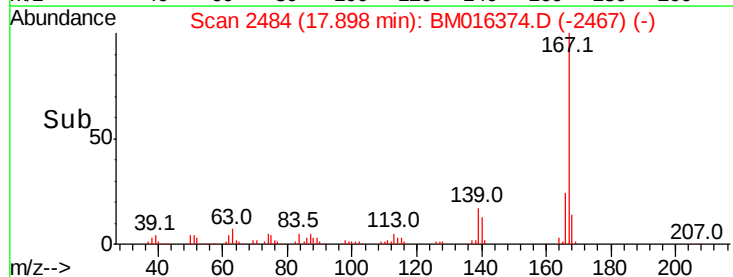
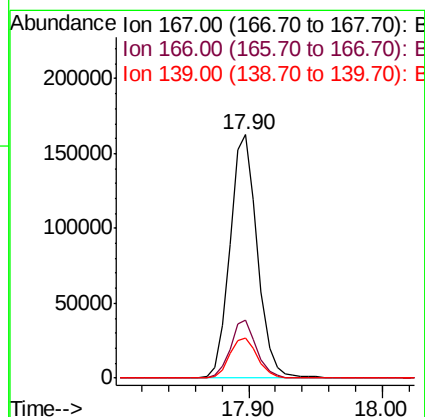
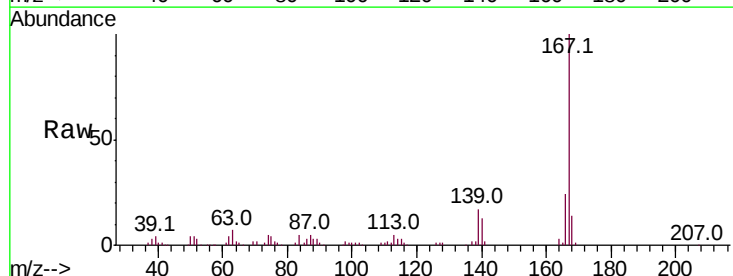
Sohil

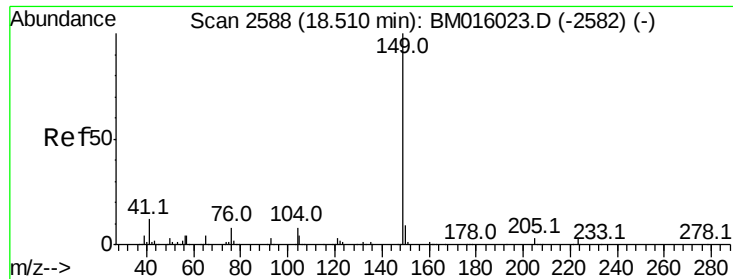
8/16/2018 5:28:05 PM



#72  
 Carbazole  
 Concen: 38.057 ng  
 RT: 17.90 min Scan# 2484  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.6  | 17.2  | 25.8  |
| 139     | 16.5  | 10.8  | 16.2# |





#73  
Di-n-butylphthalate  
Concen: 43.261 ng  
RT: 18.42 min Scan# 2572  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

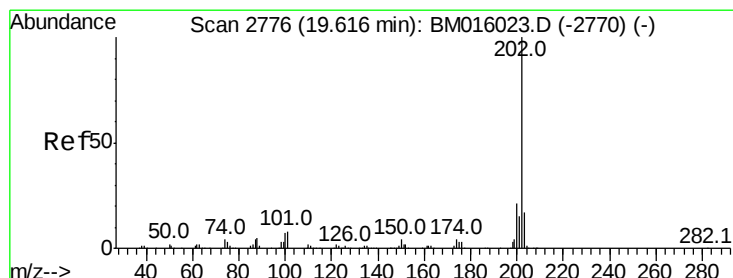
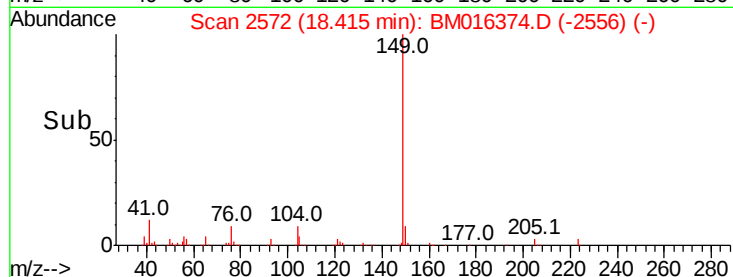
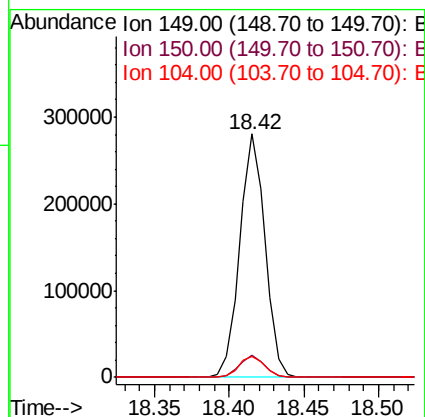
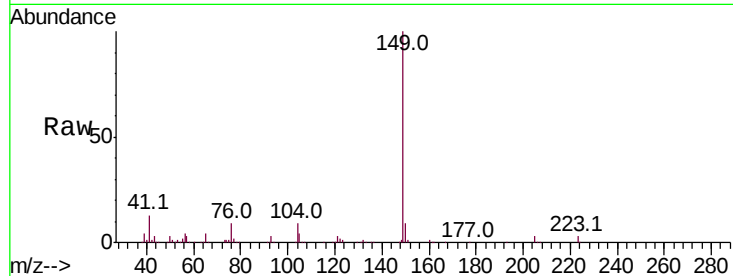
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 330619 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.5   | 11.3   |
| 104       | 8.6   | 3.7   | 5.5#   |

Manual Integrations  
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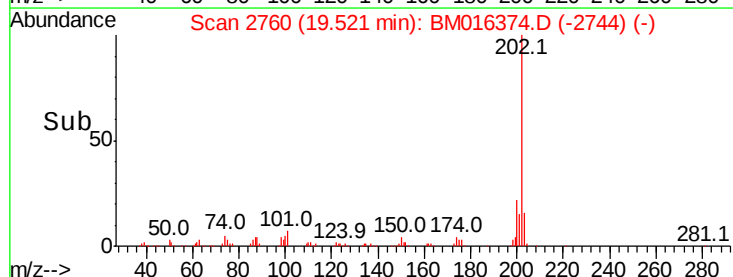
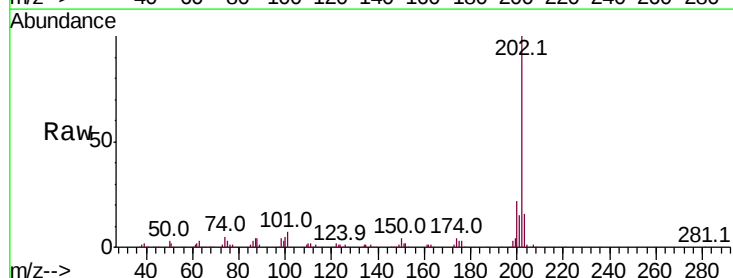
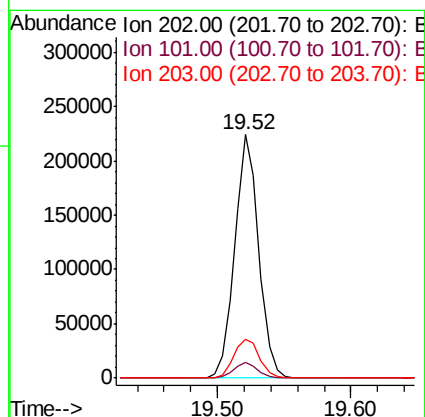
Sohil

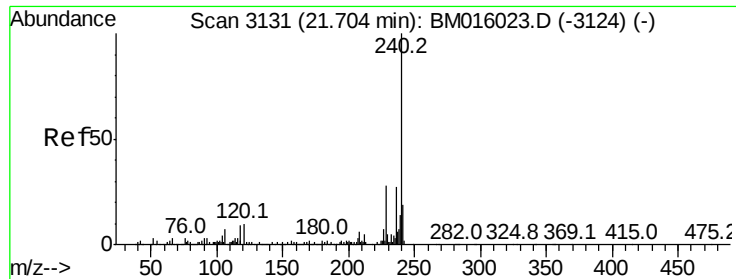
8/16/2018 5:28:05 PM



#74  
Fluoranthene  
Concen: 41.268 ng  
RT: 19.52 min Scan# 2760  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 280406 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 6.6   | 0.0   | 28.7   |
| 203       | 15.9  | 0.0   | 37.2   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampled :

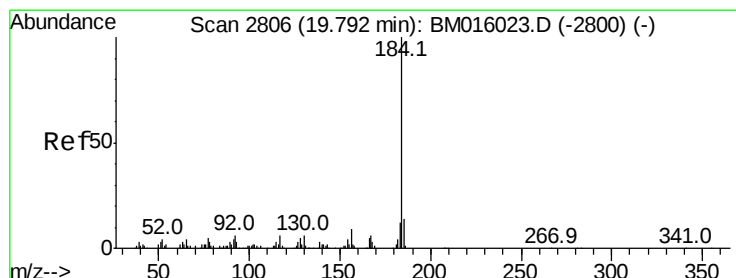
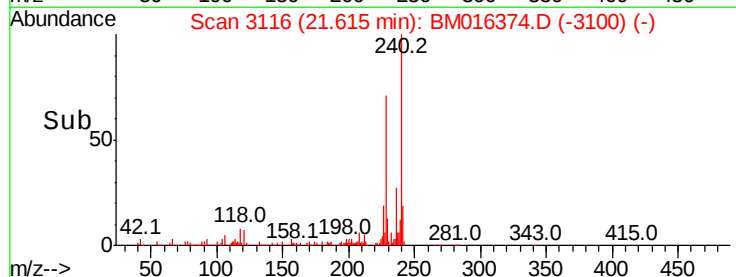
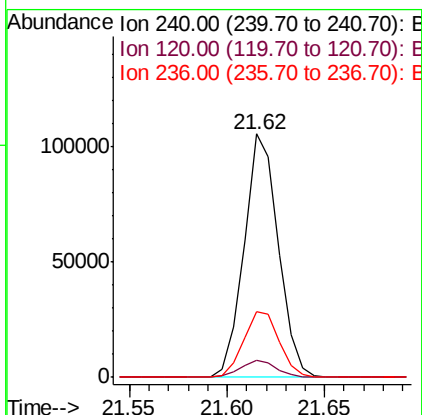
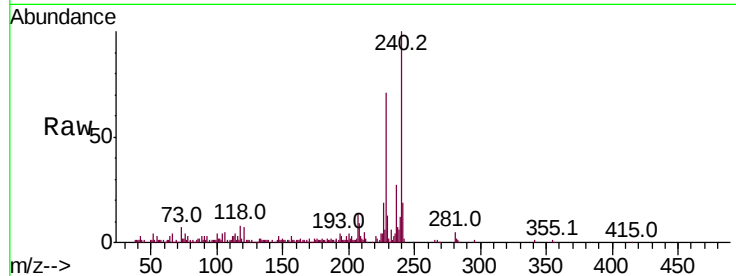
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 127603 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 7.1   | 8.2   | 12.2#  |
| 236       | 26.8  | 20.0  | 30.0   |

Manual Integrations  
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#76

Benzidine

Concen: 28.384 ng

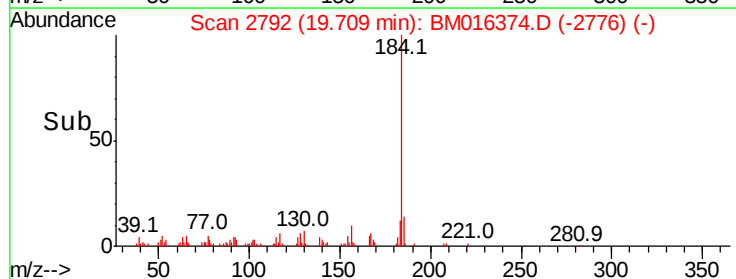
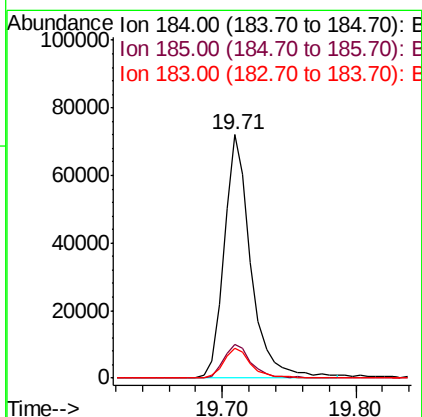
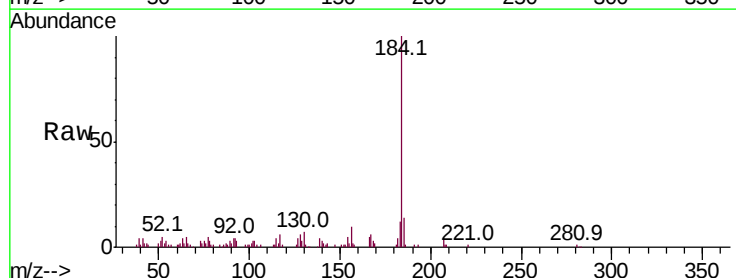
RT: 19.71 min Scan# 2792

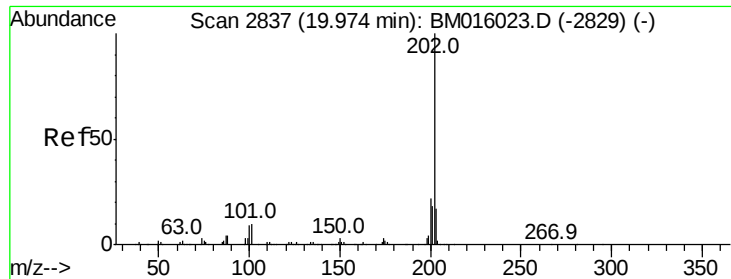
Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 101210 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 11.3  | 16.9   |
| 183       | 12.1  | 8.9   | 13.3   |





#77  
Pvrene  
Concen: 38.395 ng  
RT: 19.88 min Scan# 2821  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

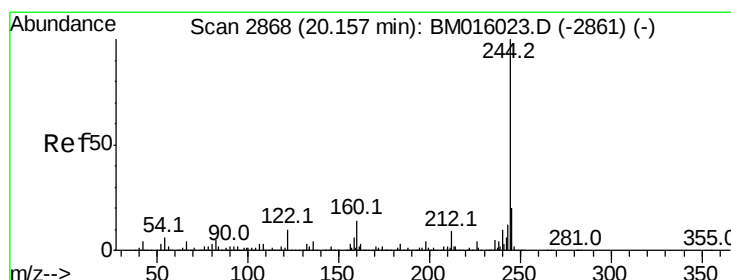
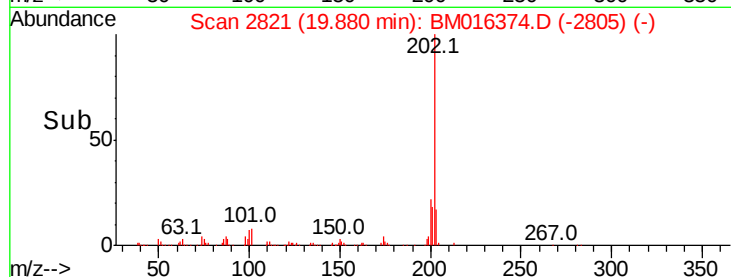
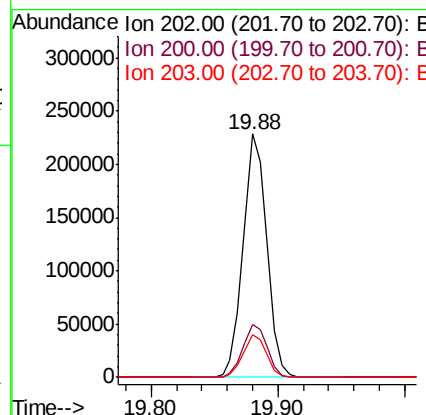
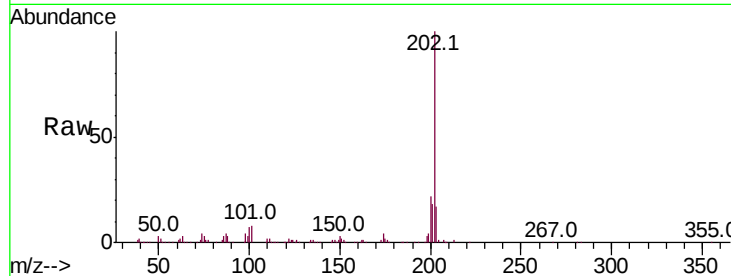
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.8  | 16.9       | 25.3  |
| 203     | 17.5  | 14.1       | 21.1  |

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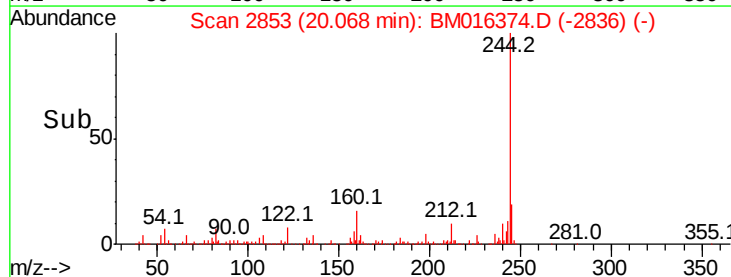
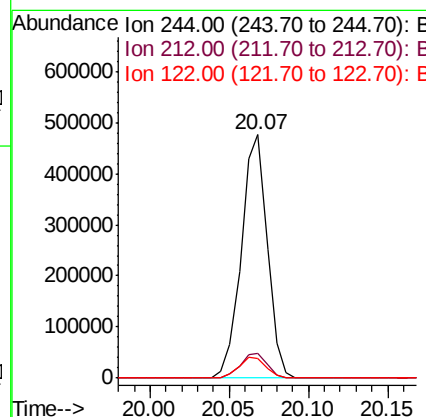
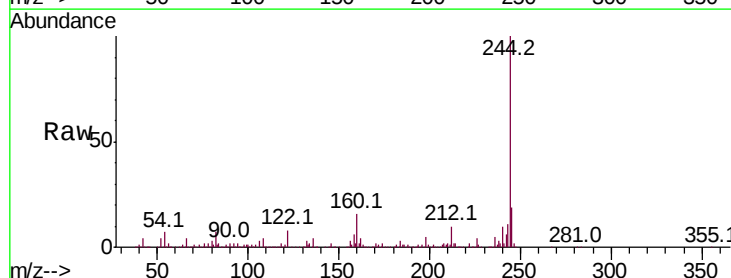
Sohil

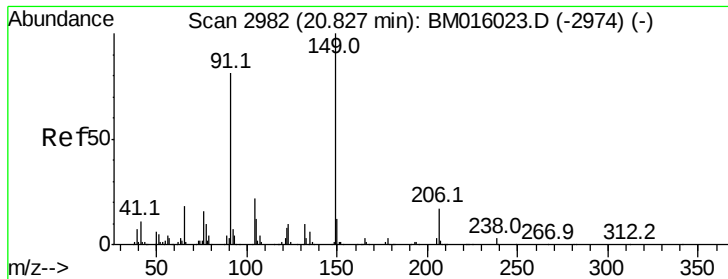
8/16/2018 5:28:05 PM



#78  
Terphenyl-d14  
Concen: 38.395 ng  
RT: 20.07 min Scan# 2853  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 10.3  | 4.9        | 7.3#  |
| 122     | 8.1   | 6.2        | 9.4   |





#79  
Butylbenzylphthalate  
Concen: 42.869 ng  
RT: 20.74 min Scan# 2967  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

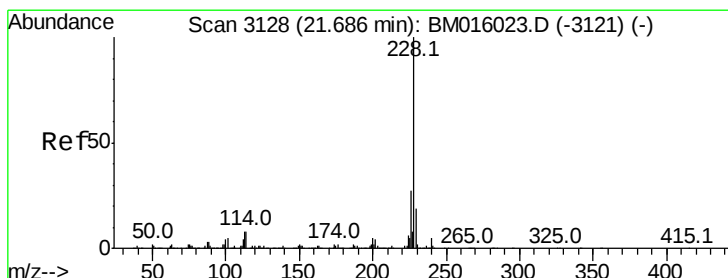
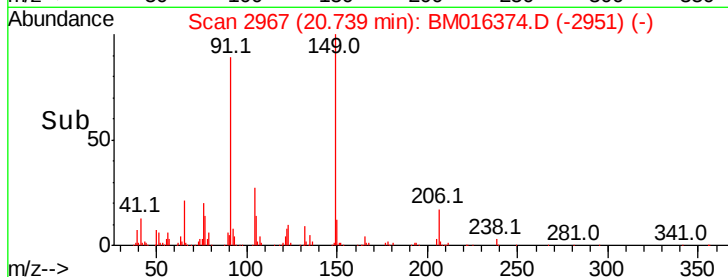
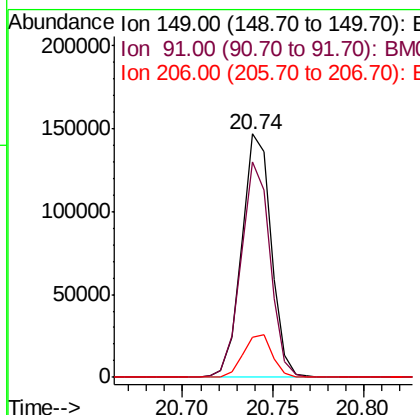
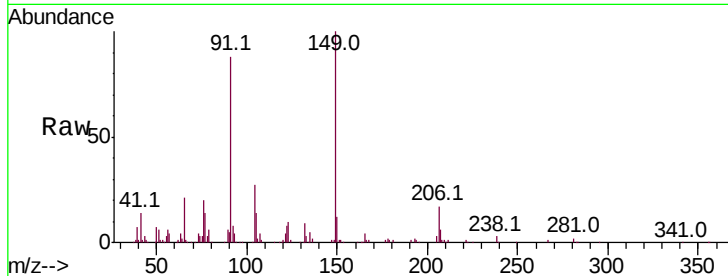
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 88.4  | 50.1       | 75.1# |
| 206     | 16.6  | 16.2       | 24.2  |

Manual Integrations  
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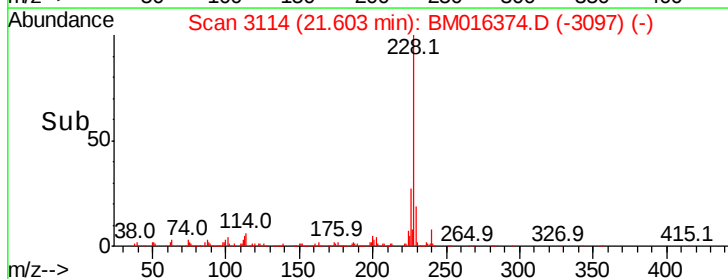
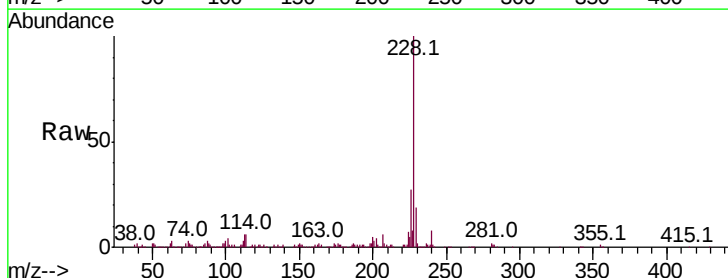
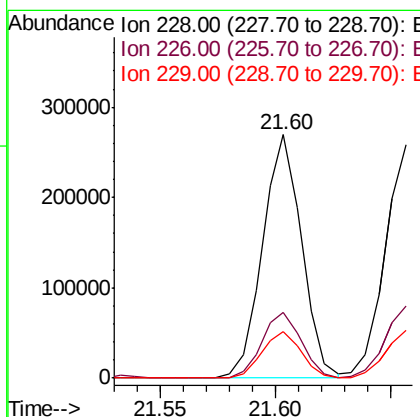
Sohil

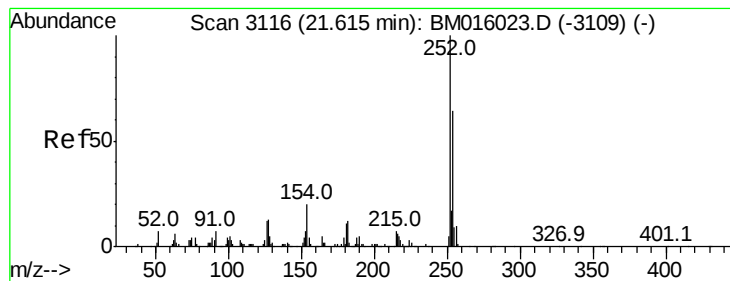
8/16/2018 5:28:05 PM



#80  
Benzo(a)anthracene  
Concen: 40.206 ng  
RT: 21.60 min Scan# 3114  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 27.1  | 21.7       | 32.5  |
| 229     | 19.2  | 16.0       | 24.0  |





#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.296 ng  
 RT: 21.53 min Scan# 3102  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

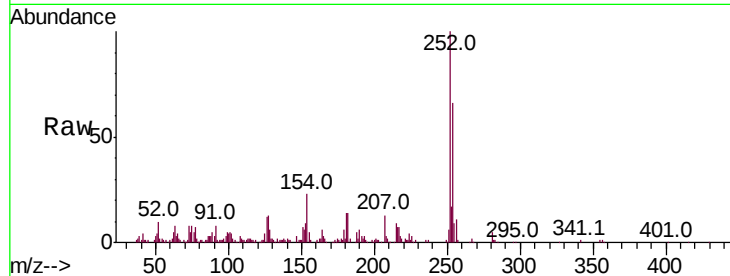
Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.8  | 51.9  | 77.9  |
| 126     | 11.9  | 9.8   | 14.8  |

Manual Integrations  
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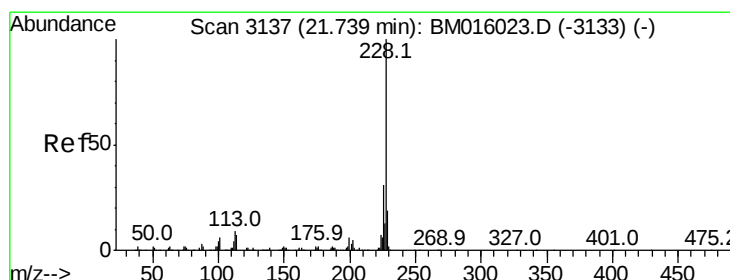
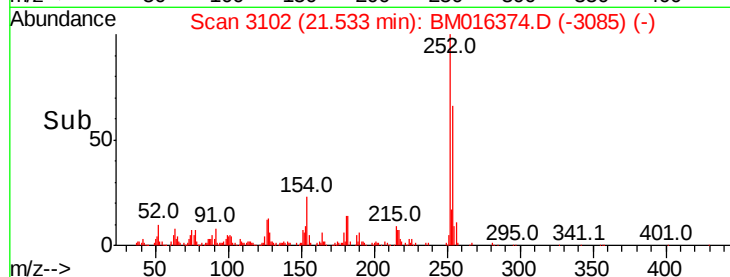
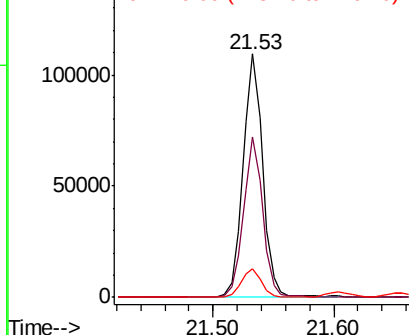


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82  
 Chrysene  
 Concen: 39.987 ng  
 RT: 21.66 min Scan# 3123  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

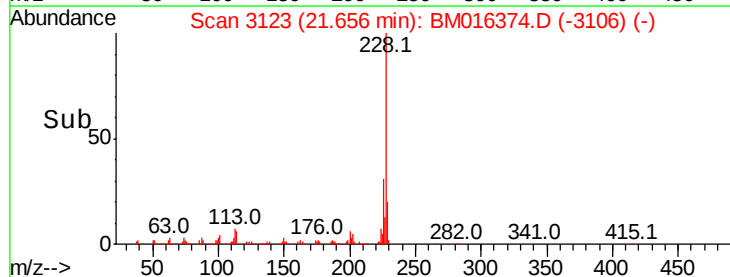
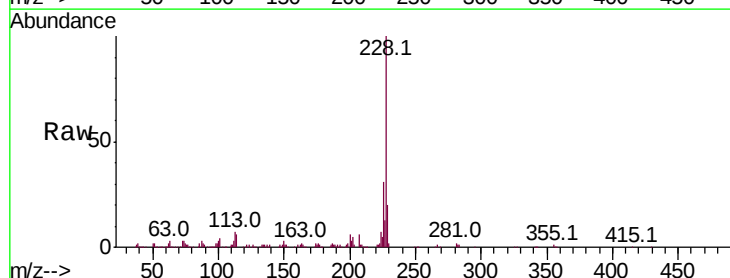
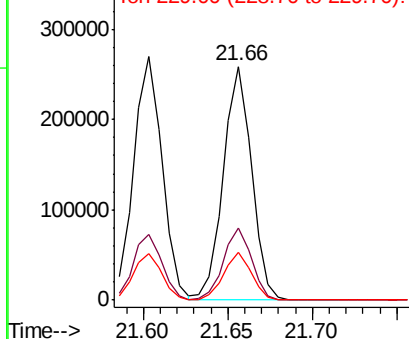
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.8  | 24.1  | 36.1  |
| 229     | 20.3  | 15.5  | 23.3  |

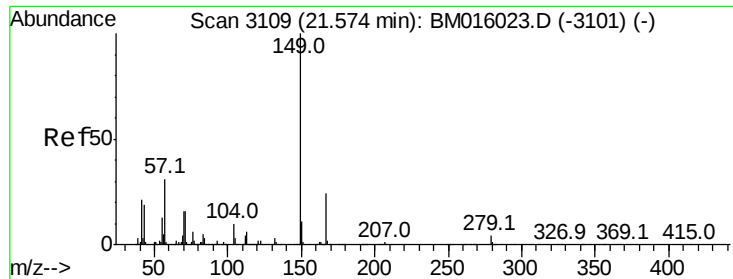
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.340 ng

RT: 21.49 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

Instrument :

BNA\_M

ClientSampleId :

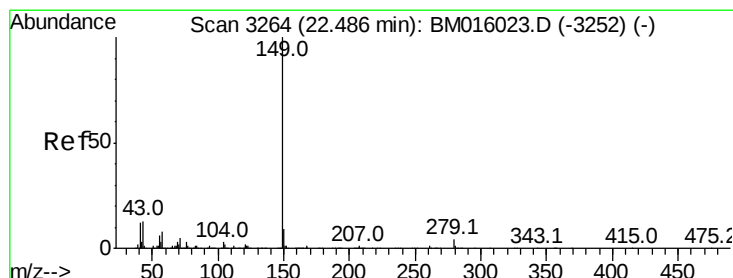
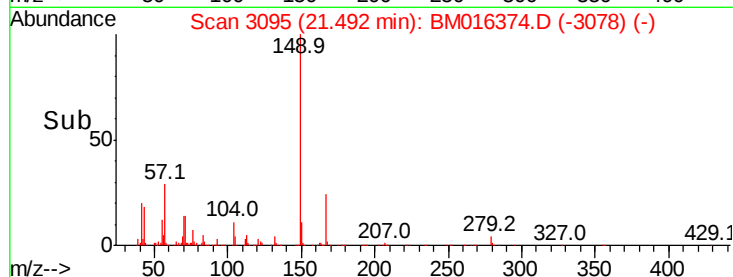
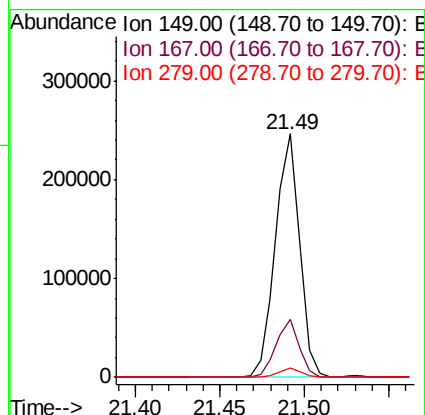
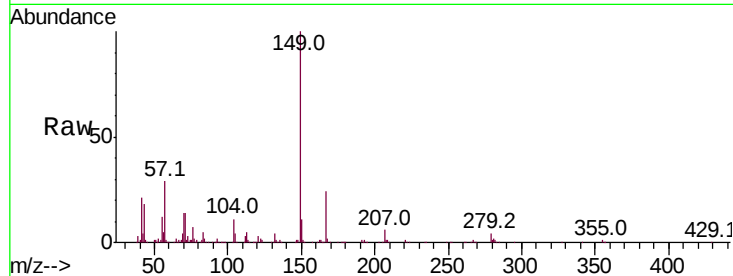
SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 244000 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 23.6  | 22.4  | 33.6   |
| 279       | 3.9   | 3.4   | 5.0    |

Manual Integrations  
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Sohil

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#84

Di-n-octyl phthalate

Concen: 43.695 ng

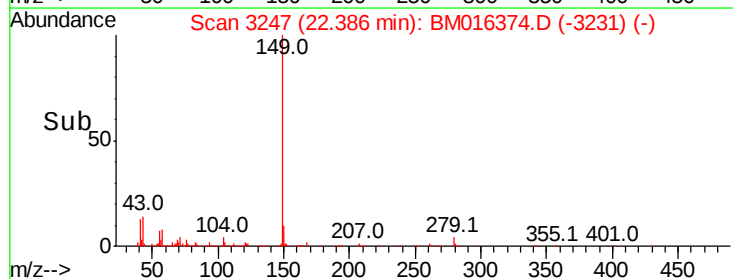
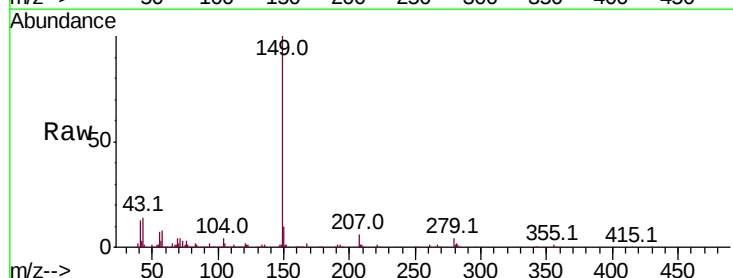
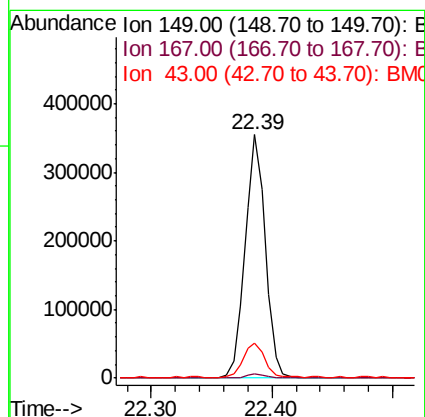
RT: 22.39 min Scan# 3247

Delta R.T. -0.01 min

Lab File: BM016374.D

Acq: 15 Aug 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 413448 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.6   | 1.2   | 1.8    |
| 43        | 14.6  | 7.3   | 10.9#  |





#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.674 ng  
 RT: 26.32 min Scan# 3916  
 Delta R.T. -0.01 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

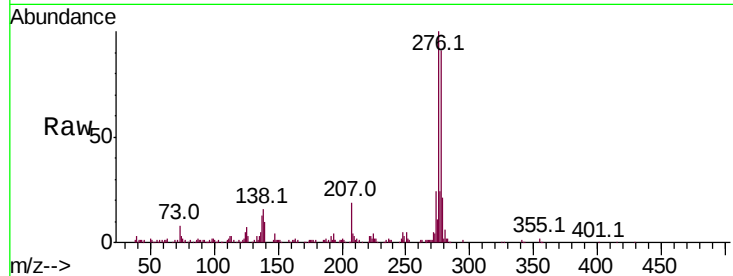
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 372823 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 16.8  | 12.0  | 18.0   |
| 277       | 25.0  | 20.0  | 30.0   |

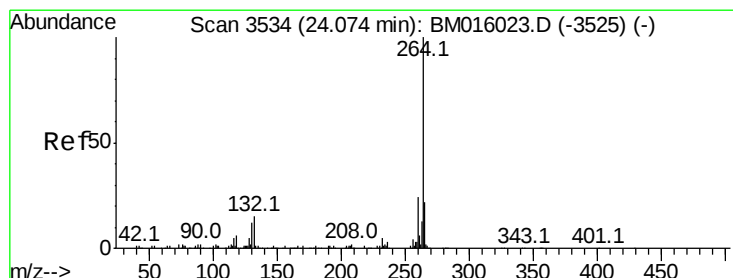
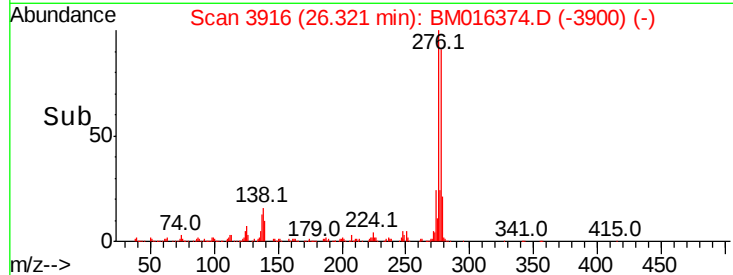
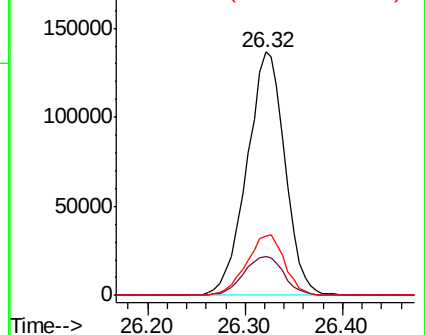
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8/16/2018 5:28:05 PM



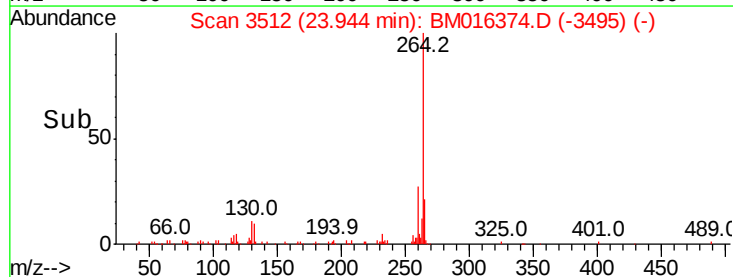
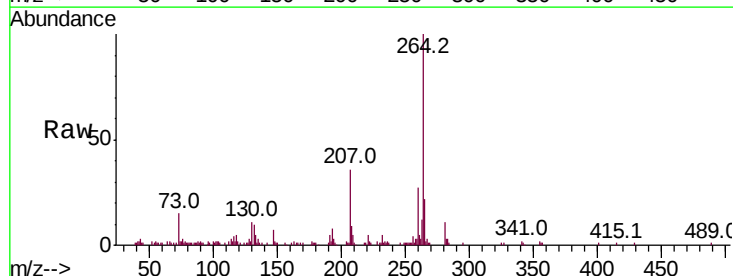
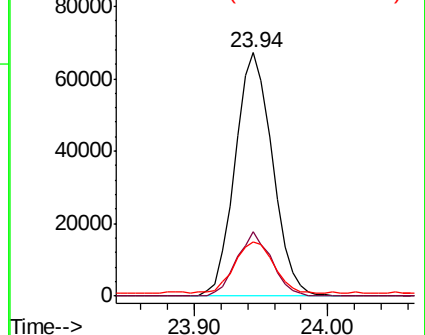
Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

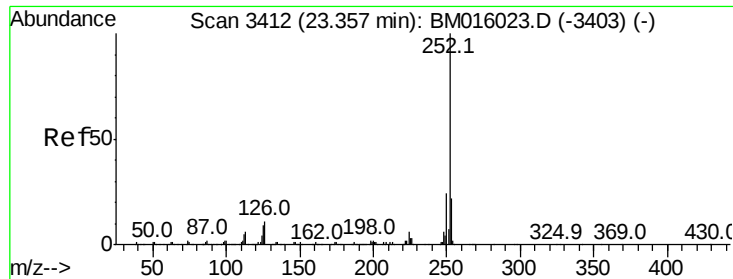


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.94 min Scan# 3512  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 130417 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 26.7  | 18.6  | 27.8   |
| 265       | 22.0  | 17.3  | 25.9   |

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





#87  
Benzo(b)fluoranthene  
Concen: 39.205 ng  
RT: 23.24 min Scan# 3393  
Delta R.T. 0.00 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

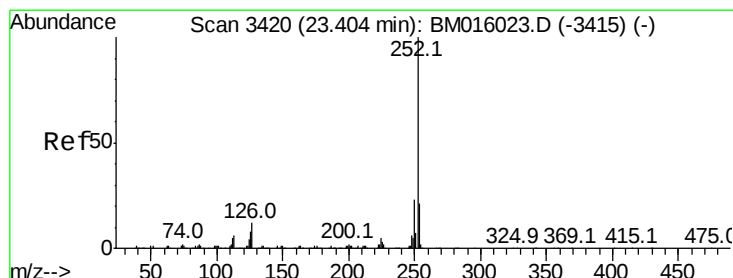
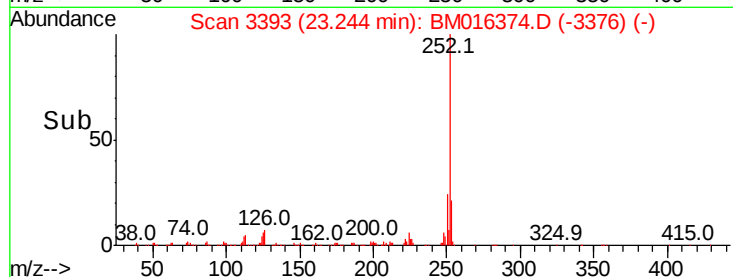
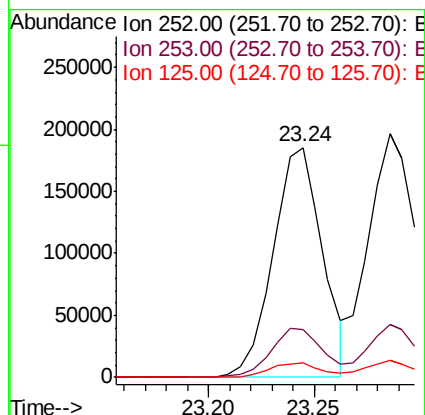
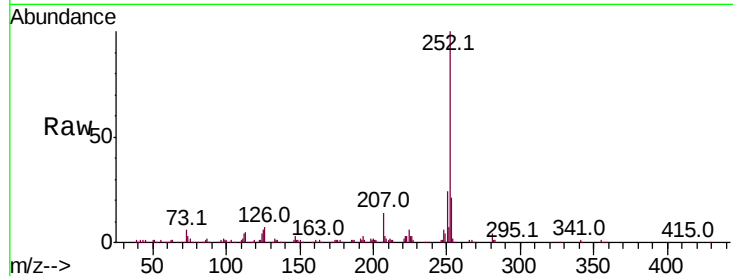
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.9  | 18.0  | 27.0  |
| 125     | 6.1   | 9.9   | 14.9  |

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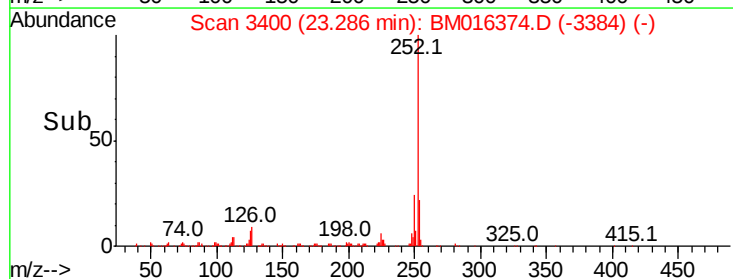
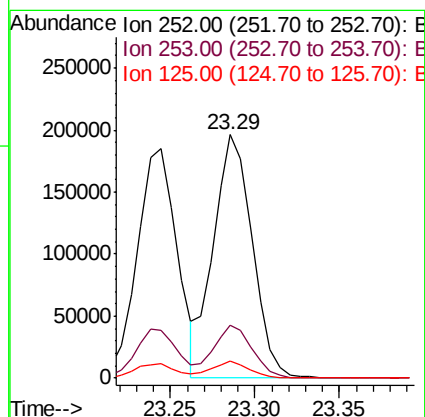
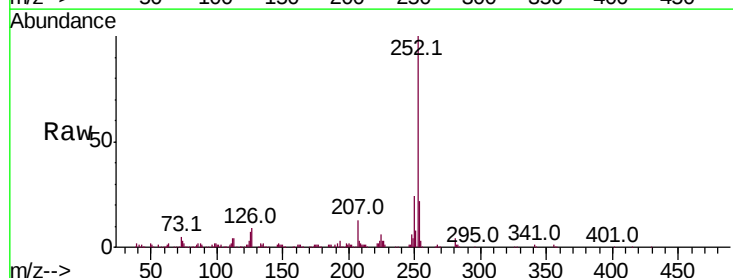
Sohil

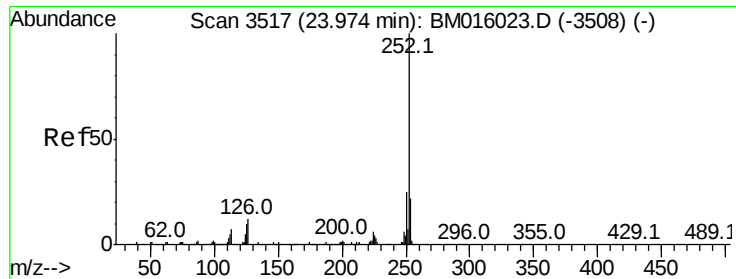
8/16/2018 5:28:05 PM



#88  
Benzo(k)fluoranthene  
Concen: 40.145 ng  
RT: 23.29 min Scan# 3400  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.2  | 25.8  |
| 125     | 6.8   | 8.1   | 12.1  |





#89  
Benzo(a)pyrene  
Concen: 39.689 ng  
RT: 23.84 min Scan# 3495  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

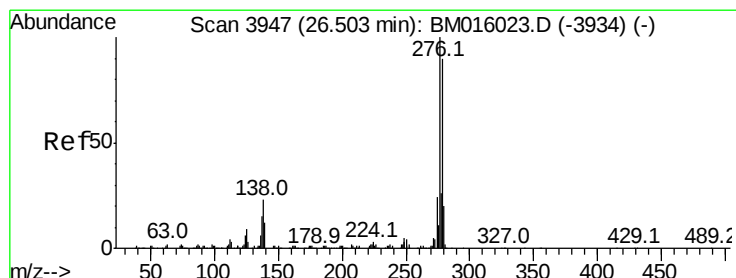
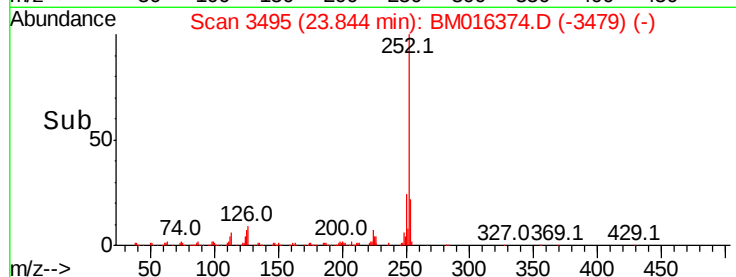
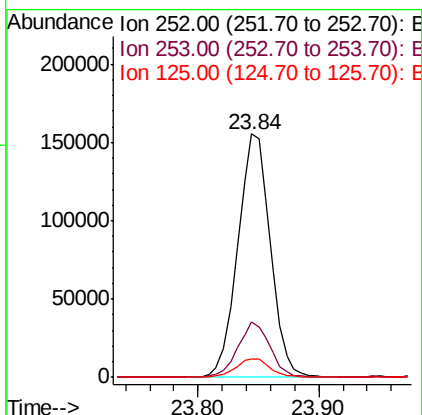
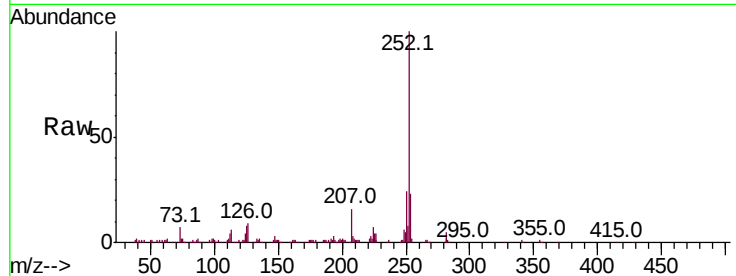
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.6  | 26.4  |
| 125     | 7.7   | 7.4   | 11.2  |

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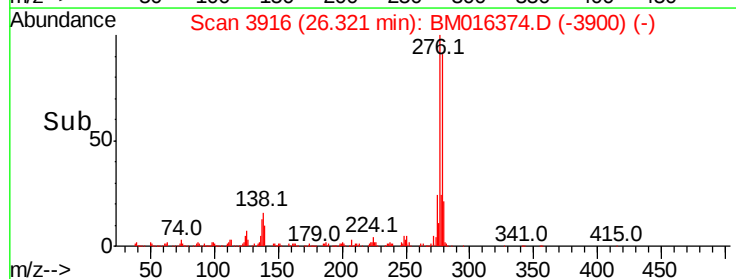
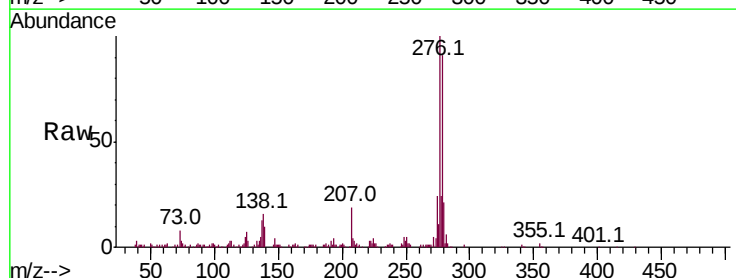
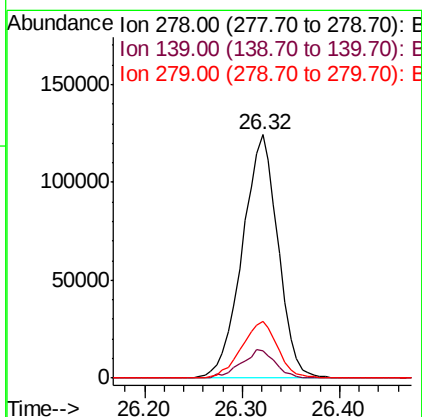
Sohil

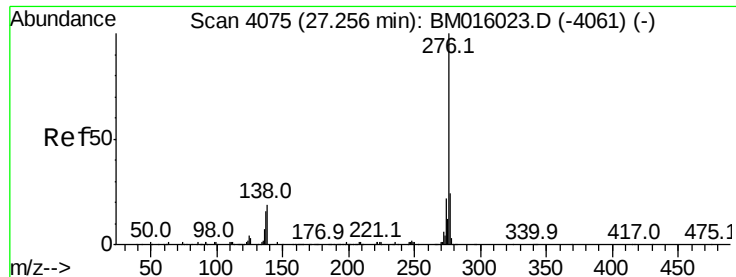
8/16/2018 5:28:05 PM



#90  
Dibenzo(a,h)anthracene  
Concen: 41.621 ng  
RT: 26.32 min Scan# 3916  
Delta R.T. -0.01 min  
Lab File: BM016374.D  
Acq: 15 Aug 2018 11:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.0  | 13.4  | 20.0# |
| 279     | 23.5  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.652 ng  
 RT: 27.06 min Scan# 4041  
 Delta R.T. 0.00 min  
 Lab File: BM016374.D  
 Acq: 15 Aug 2018 11:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.8  | 18.5  | 27.7  |
| 138     | 13.9  | 19.0  | 28.6  |

Manual Integrations  
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8/16/2018 5:28:05 PM

