

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\  
 Data File : BM016490.D  
 Acq On : 21 Aug 2018 19:04  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 21 23:10:57 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 127002   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 533691   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.66 | 164  | 382084   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.40 | 188  | 1189159  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.54 | 240  | 1804142  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.84 | 264  | 2002374  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.56  | 112  | 481186   | 74.24 | ng    | 0.00     |
| 7) Phenol-d6                | 7.19  | 99   | 657272   | 76.64 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.21  | 82   | 935361   | 80.02 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.16 | 330  | 813302   | 76.15 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.28 | 172  | 2982100  | 75.02 | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.00 | 244  | 7223799  | 84.75 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.38  | 88   | 129025   | 36.035 | ng    | # 100  |
| 3) Pyridine                    | 3.81  | 79   | 265425   | 35.630 | ng    | # 79   |
| 4) n-Nitrosodimethylamine      | 3.73  | 42   | 126811   | 38.210 | ng    | # 73   |
| 6) Aniline                     | 7.35  | 93   | 374727   | 39.047 | ng    | # 89   |
| 8) 2-Chlorophenol              | 7.58  | 128  | 308155   | 39.958 | ng    | # 97   |
| 9) Benzaldehyde                | 7.17  | 77   | 248656   | 41.778 | ng    | # 76   |
| 10) Phenol                     | 7.22  | 94   | 314842   | 37.121 | ng    | # 88   |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93   | 248234   | 39.030 | ng    | # 96   |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146  | 389155   | 38.061 | ng    | # 88   |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146  | 400514   | 38.169 | ng    | # 94   |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146  | 397773   | 38.586 | ng    | # 96   |
| 15) Benzyl Alcohol             | 8.28  | 79   | 301275   | 37.828 | ng    | # 80   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45   | 172300   | 39.344 | ng    | # 49   |
| 17) 2-Methylphenol             | 8.48  | 107  | 239784   | 39.041 | ng    | # 75   |
| 18) Hexachloroethane           | 9.09  | 117  | 201499   | 41.683 | ng    | # 58   |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70   | 267151   | 39.731 | ng    | # 88   |
| 20) 3+4-Methylphenols          | 8.82  | 107  | 325856   | 38.372 | ng    | # 84   |
| 22) Acetophenone               | 8.87  | 105  | 490218   | 38.145 | ng    | # 96   |
| 24) Nitrobenzene               | 9.25  | 77   | 455787   | 39.027 | ng    | # 90   |
| 25) Isophorone                 | 9.76  | 82   | 634436   | 40.612 | ng    | # 92   |
| 26) 2-Nitrophenol              | 9.96  | 139  | 190797   | 38.215 | ng    | # 44   |
| 27) 2,4-Dimethylphenol         | 10.01 | 122  | 253101   | 38.900 | ng    | # 73   |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93   | 362504   | 38.873 | ng    | # 93   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162  | 381558   | 39.183 | ng    | # 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180  | 575406   | 38.941 | ng    | # 95   |
| 31) Naphthalene                | 10.88 | 128  | 975038   | 38.346 | ng    | # 99   |
| 32) Benzoic acid               | 10.21 | 122  | 189095   | 34.735 | ng    | # 76   |
| 33) 4-Chloroaniline            | 11.01 | 127  | 420532   | 39.298 | ng    | # 89   |
| 34) Hexachlorobutadiene        | 11.13 | 225  | 551496   | 39.104 | ng    | # 98   |
| 35) Caprolactam                | 11.83 | 113  | 91805    | 39.289 | ng    | # 54   |
| 36) 4-Chloro-3-methylphenol    | 12.13 | 107  | 360056   | 38.461 | ng    | # 93   |
| 37) 2-Methylnaphthalene        | 12.49 | 142  | 792541   | 39.815 | ng    | # 86   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216  | 796840   | 36.927 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.80 | 237  | 292333   | 38.942 | ng    | # 98   |

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 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

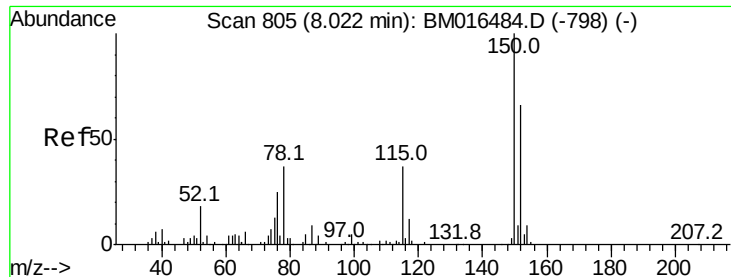
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 21 23:10:57 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 21 16:31:22 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| -----                          |       |      |          |        |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 507701   | 39.344 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.19 | 196  | 492680   | 39.086 | nq #  | 93       |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 1248370  | 37.261 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.54 | 162  | 1011405  | 37.158 | nq    | 95       |
| 47) 2-Nitroaniline             | 13.77 | 65   | 275614   | 38.016 | nq #  | 82       |
| 48) Acenaphthylene             | 14.39 | 152  | 1475637  | 38.407 | nq    | 98       |
| 49) Dimethylphthalate          | 14.13 | 163  | 1390312  | 37.875 | nq #  | 98       |
| 50) 2,6-Dinitrotoluene         | 14.27 | 165  | 280452   | 39.170 | nq #  | 68       |
| 51) Acenaphthene               | 14.73 | 154  | 909861   | 38.546 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.60 | 138  | 244766   | 37.571 | nq #  | 72       |
| 53) 2,4-Dinitrophenol          | 14.83 | 184  | 141435   | 39.473 | nq #  | 78       |
| 54) Dibenzofuran               | 15.06 | 168  | 1731918  | 38.328 | nq #  | 86       |
| 55) 4-Nitrophenol              | 14.93 | 139  | 165034   | 39.717 | nq #  | 83       |
| 56) 2,4-Dinitrotoluene         | 15.06 | 165  | 448629   | 37.576 | nq #  | 87       |
| 57) Fluorene                   | 15.71 | 166  | 1310244  | 38.384 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 464084   | 38.306 | nq #  | 100      |
| 59) Diethylphthalate           | 15.48 | 149  | 1497436  | 39.123 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.70 | 204  | 1104358  | 38.579 | nq    | 91       |
| 61) 4-Nitroaniline             | 15.77 | 138  | 254737   | 40.009 | nq #  | 1        |
| 62) Azobenzene                 | 15.99 | 77   | 1655856  | 40.618 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 334553   | 37.026 | nq #  | 63       |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 1252648  | 37.444 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.59 | 248  | 683553   | 37.410 | nq    | 95       |
| 67) Hexachlorobenzene          | 16.71 | 284  | 814623   | 38.230 | nq #  | 92       |
| 68) Atrazine                   | 16.87 | 200  | 604314   | 39.582 | nq    | 93       |
| 69) Pentachlorophenol          | 17.06 | 266  | 418946   | 37.159 | nq    | 97       |
| 70) Phenanthrene               | 17.44 | 178  | 2334762  | 37.987 | nq    | 99       |
| 71) Anthracene                 | 17.54 | 178  | 2323428  | 38.069 | nq    | 98       |
| 72) Carbazole                  | 17.82 | 167  | 2089995  | 38.105 | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.34 | 149  | 2678053  | 40.050 | nq #  | 96       |
| 74) Fluoranthene               | 19.44 | 202  | 3480453  | 38.621 | nq    | 95       |
| 76) Benzidine                  | 19.64 | 184  | 1355439  | 39.067 | nq    | 98       |
| 77) Pyrene                     | 19.81 | 202  | 3763355  | 38.383 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 1360034  | 40.186 | nq #  | 82       |
| 80) Benzo(a)anthracene         | 21.53 | 228  | 4063721  | 38.312 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.46 | 252  | 1820217  | 38.552 | nq #  | 97       |
| 82) Chrysene                   | 21.59 | 228  | 3841257  | 37.956 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.43 | 149  | 2018811  | 40.125 | nq #  | 93       |
| 84) Di-n-octyl phthalate       | 22.31 | 149  | 3367661  | 40.278 | nq #  | 92       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.16 | 276  | 5590020  | 38.409 | nq #  | 94       |
| 87) Benzo(b)fluoranthene       | 23.14 | 252  | 4417367  | 38.270 | nq #  | 91       |
| 88) Benzo(k)fluoranthene       | 23.19 | 252  | 4433517  | 37.749 | nq #  | 93       |
| 89) Benzo(a)pyrene             | 23.74 | 252  | 4260110  | 37.931 | nq #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 26.16 | 278  | 4785992  | 38.023 | nq #  | 87       |
| 91) Benzo(g,h,i)perylene       | 26.87 | 276  | 4286835  | 37.941 | nq #  | 81       |
| -----                          |       |      |          |        |       |          |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

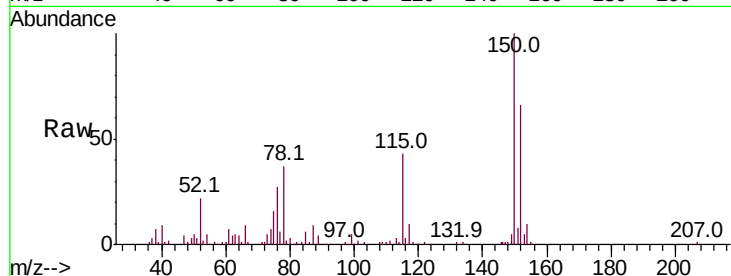
Tot Ion:152 Resp: 127002

Ion Ratio Lower Upper

152 100

150 151.6 119.5 179.3

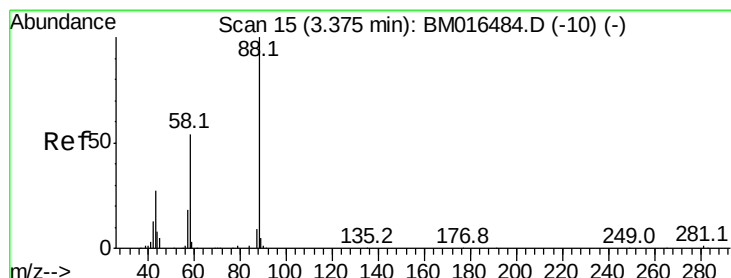
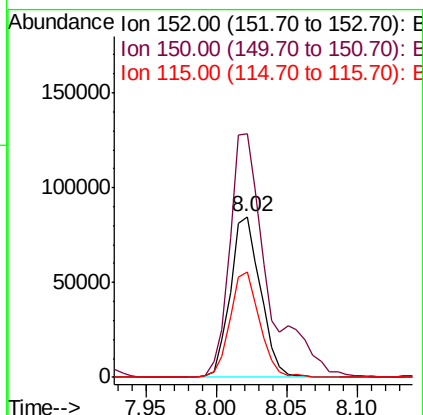
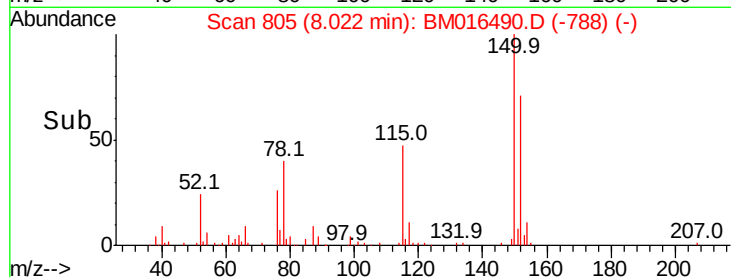
115 65.4 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.035 ng

RT: 3.38 min Scan# 15

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

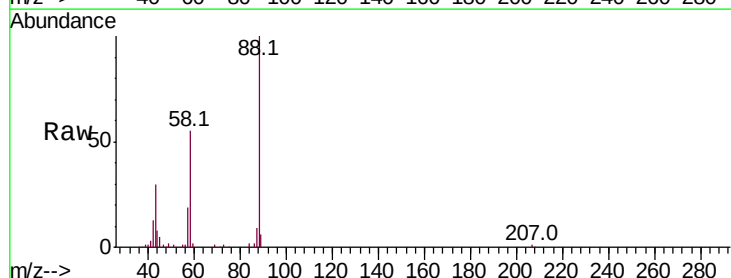
Tgt Ion: 88 Resp: 129025

Ion Ratio Lower Upper

88 100

58 53.8 0.0 0.0#

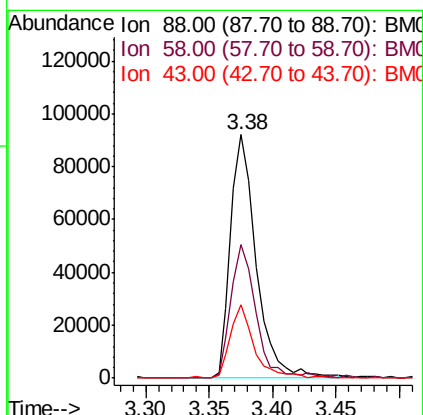
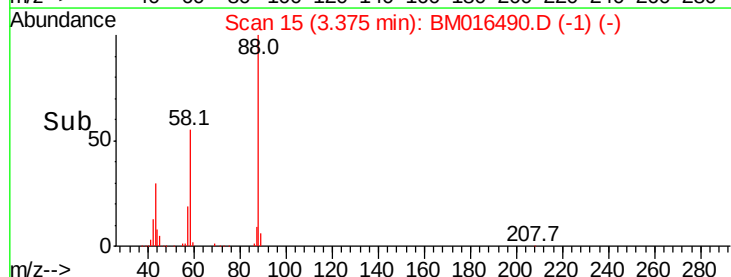
43 27.5 0.0 0.0#

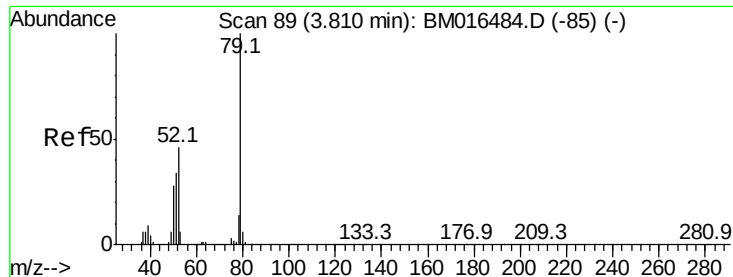


Abundance Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#3

Pvridine

Concen: 35.630 ng

RT: 3.81 min Scan# 89

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

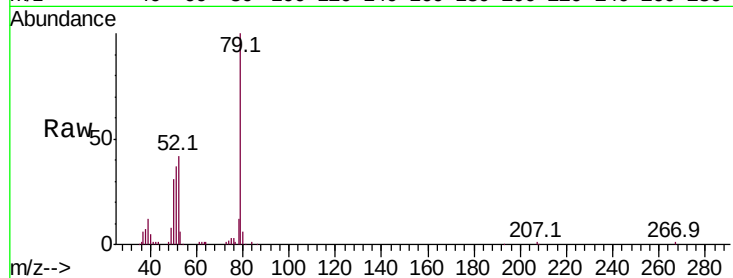
Tot Ion: 79 Resp: 265425

Ion Ratio Lower Upper

79 100

52 41.7 51.1 76.7#

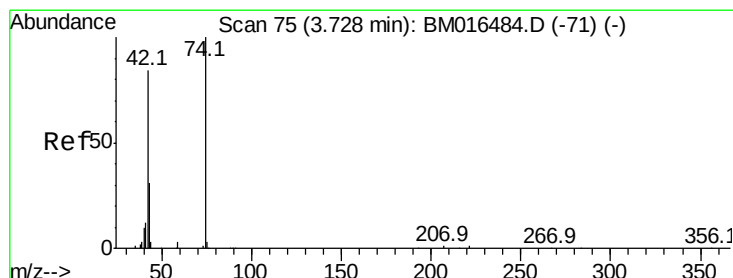
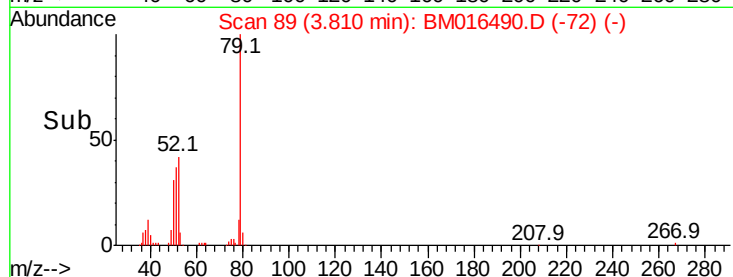
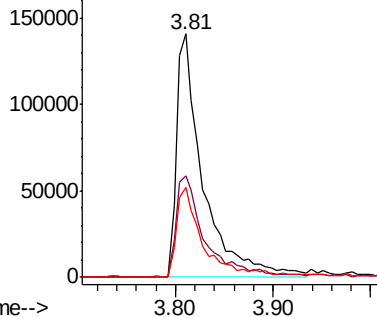
51 37.1 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-85) (-)

Ion 52.00 (51.70 to 52.70): BM016484.D (-85) (-)

Ion 51.00 (50.70 to 51.70): BM016484.D (-85) (-)



#4

n-Nitrosodimethylamine

Concen: 38.210 ng

RT: 3.73 min Scan# 75

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

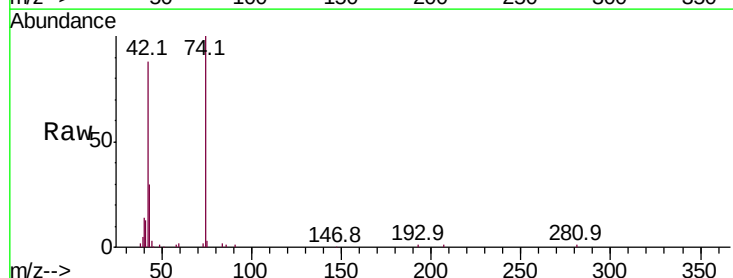
Tgt Ion: 42 Resp: 126811

Ion Ratio Lower Upper

42 100

74 114.2 119.3 178.9#

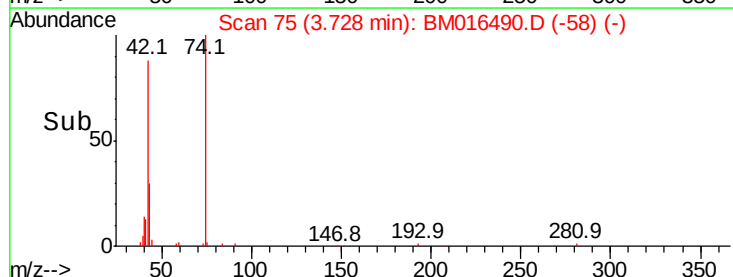
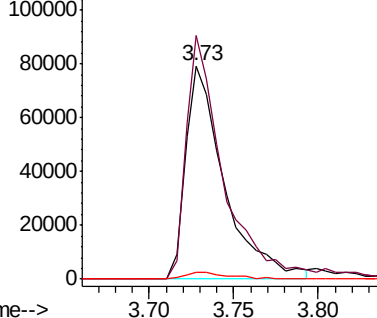
44 2.9 5.4 8.2#

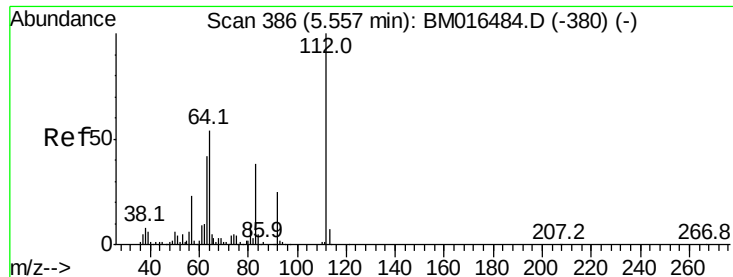


Abundance Ion 42.00 (41.70 to 42.70): BM016484.D (-71) (-)

Ion 74.00 (73.70 to 74.70): BM016484.D (-71) (-)

Ion 44.00 (43.70 to 44.70): BM016484.D (-71) (-)





#5

2-Fluorophenol

Concen: 38.210 ng

RT: 5.56 min Scan# 386

Delta R.T. 0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

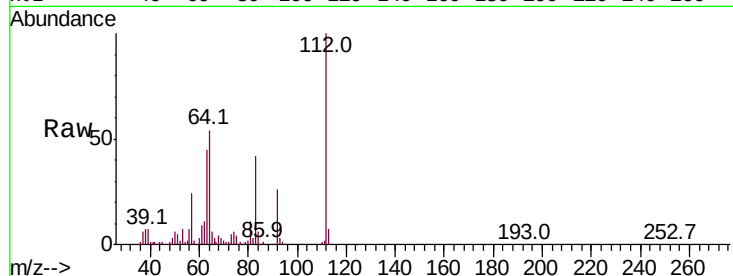
Tot Ion:112 Resp: 481186

Ion Ratio Lower Upper

112 100

64 54.0 38.6 57.8

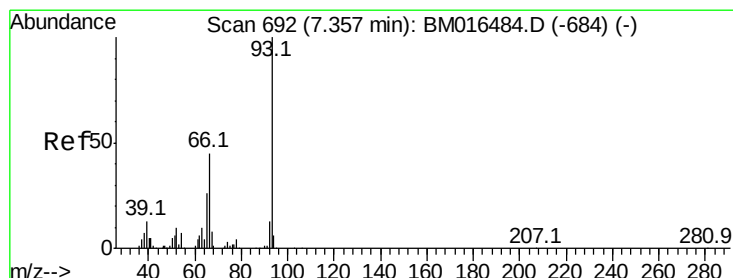
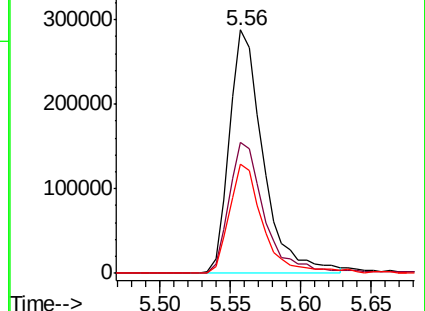
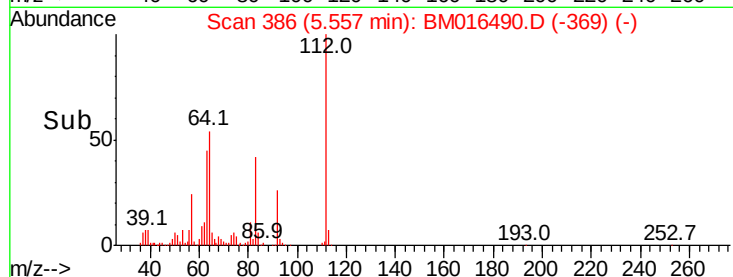
63 44.7 19.3 28.9#



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: 39.047 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

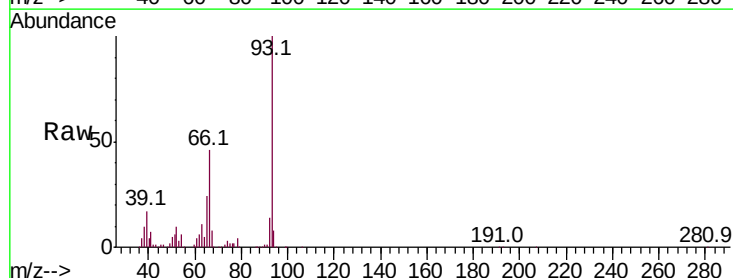
Tgt Ion: 93 Resp: 374727

Ion Ratio Lower Upper

93 100

66 45.7 30.8 46.2

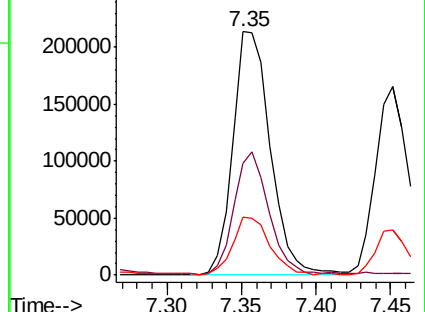
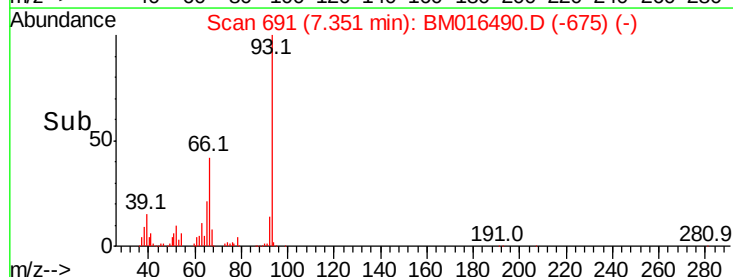
65 23.7 16.0 24.0

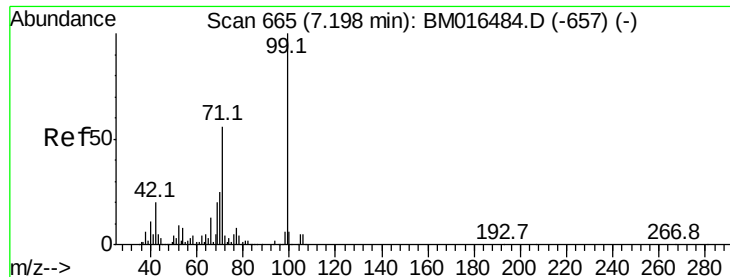


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 39.047 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

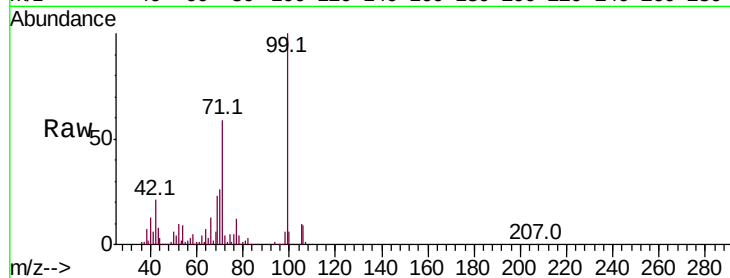
Tot Ion: 99 Resp: 657272

Ion Ratio Lower Upper

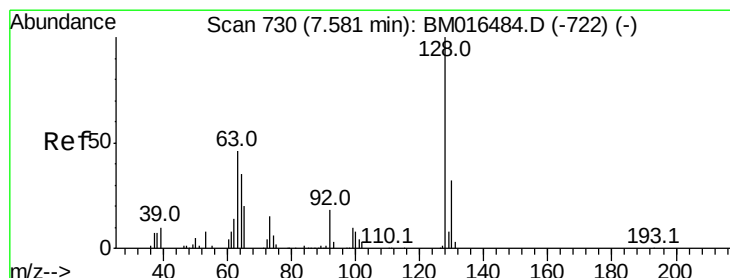
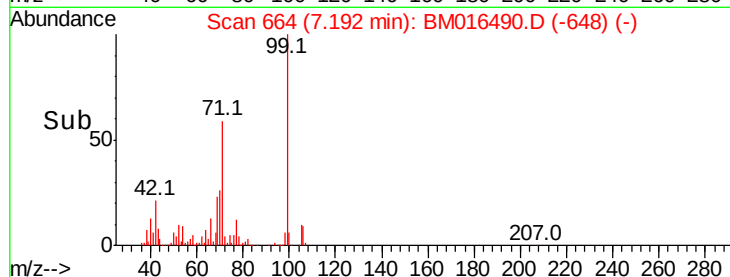
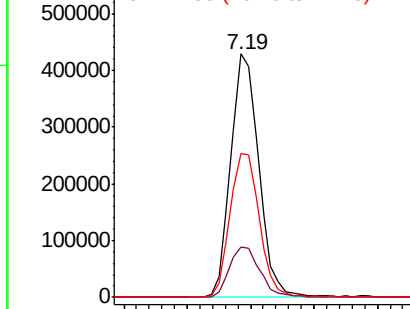
99 100

42 20.9 11.0 16.4#

71 59.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BMC  
Ion 42.00 (41.70 to 42.70): BMC  
Ion 71.00 (70.70 to 71.70): BMC



#8

2-Chlorophenol

Concen: 39.958 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

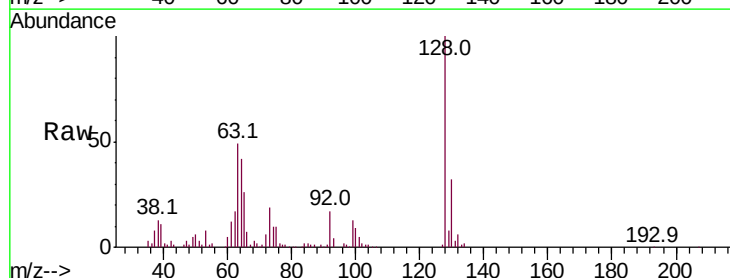
Tgt Ion:128 Resp: 308155

Ion Ratio Lower Upper

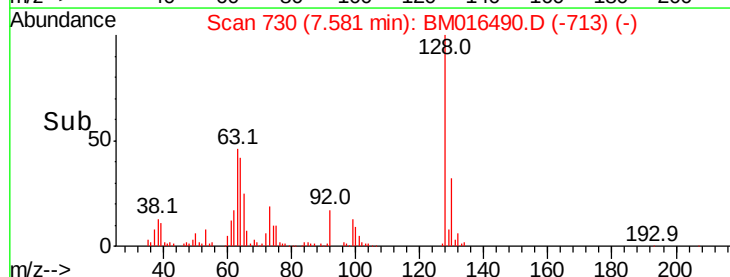
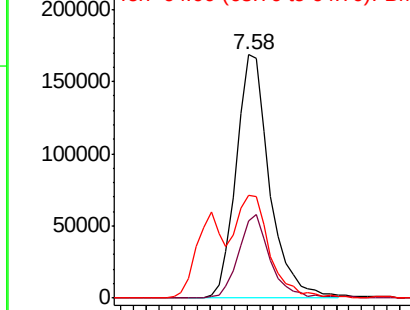
128 100

130 31.6 12.0 52.0

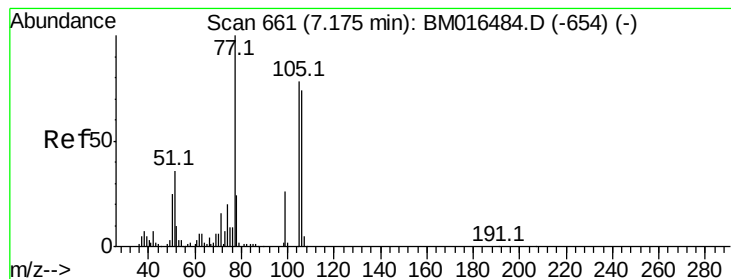
64 42.3 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BMC







#9

Benzaldehyde

Concen: 41.778 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

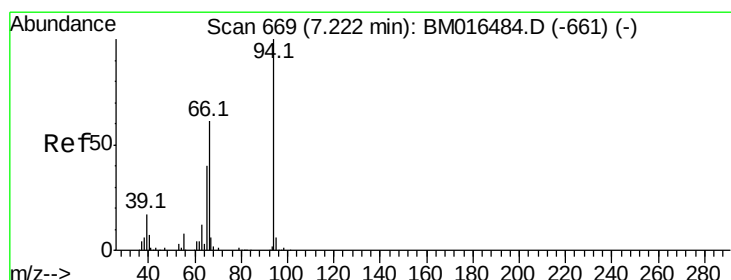
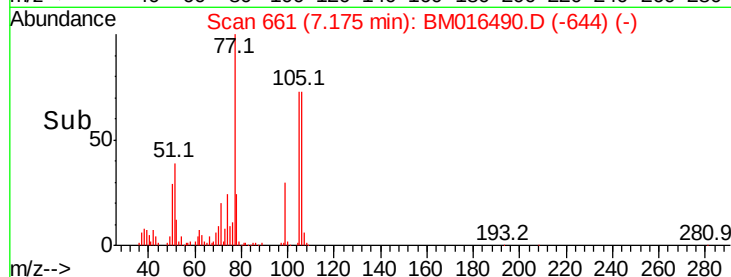
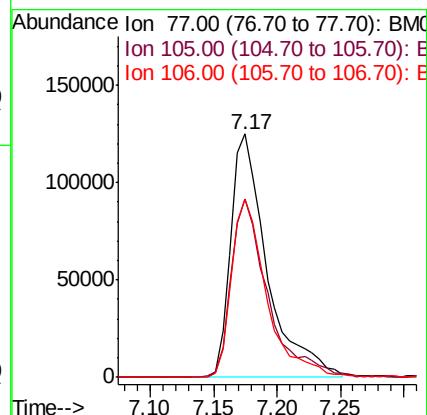
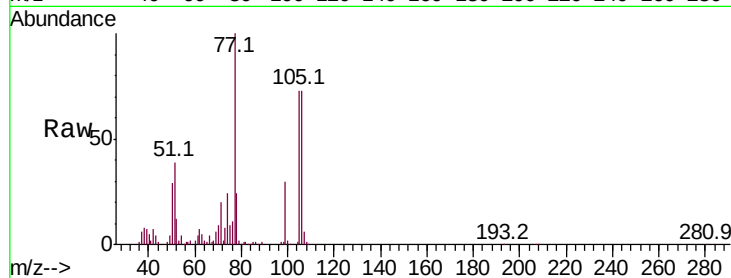
Tot Ion: 77 Resp: 248656

Ion Ratio Lower Upper

77 100

105 73.1 78.8 118.8#

106 73.3 73.7 113.7#



#10

Phenol

Concen: 37.121 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

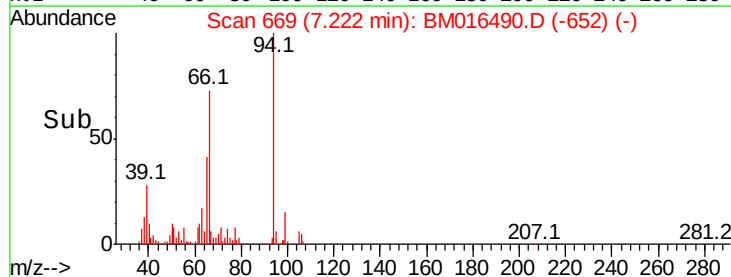
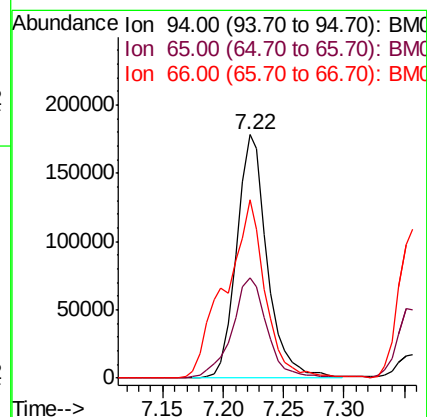
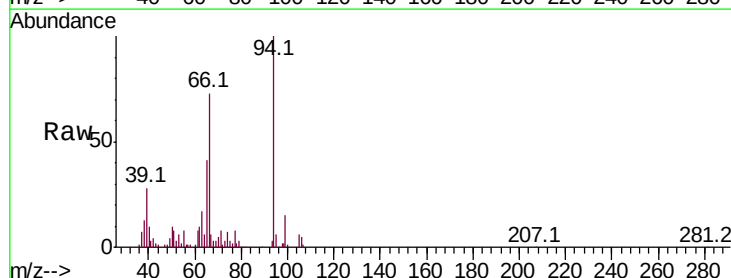
Tgt Ion: 94 Resp: 314842

Ion Ratio Lower Upper

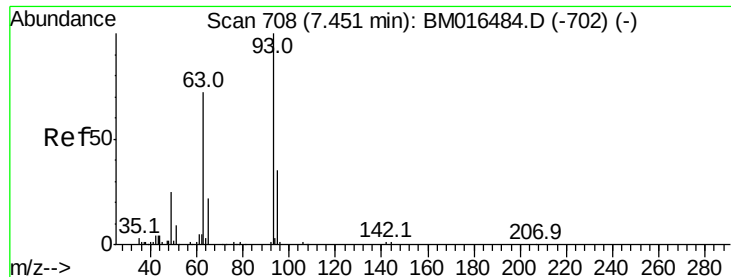
94 100

65 41.3 18.8 58.8

66 73.1 39.9 79.9



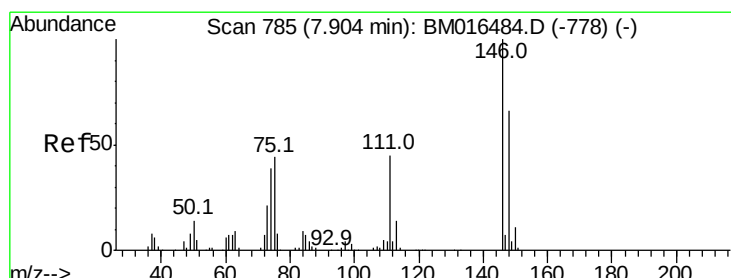
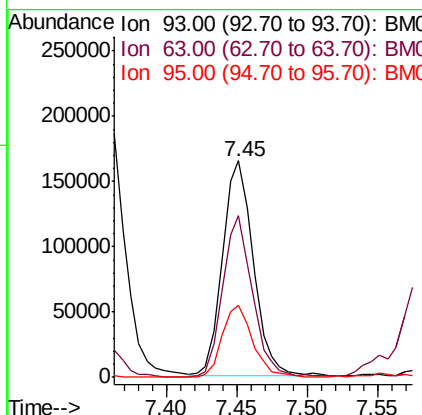
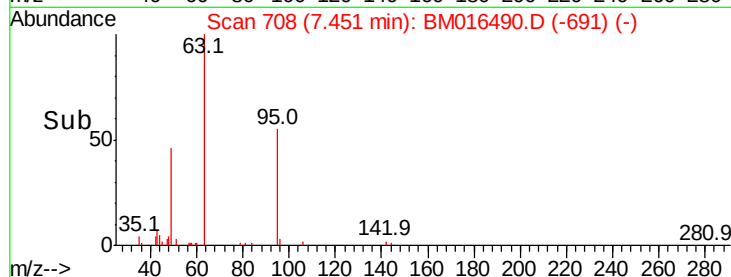
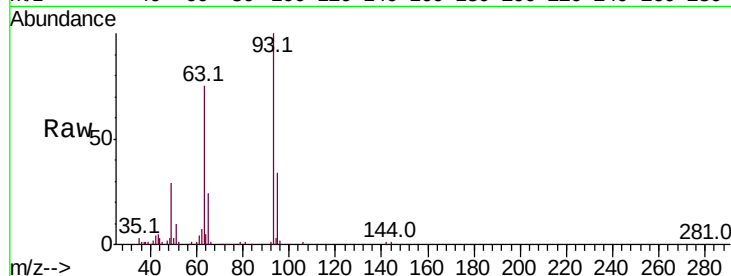




#11  
bis(2-Chloroethyl)ether  
Concen: 39.030 ng  
RT: 7.45 min Scan# 708  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

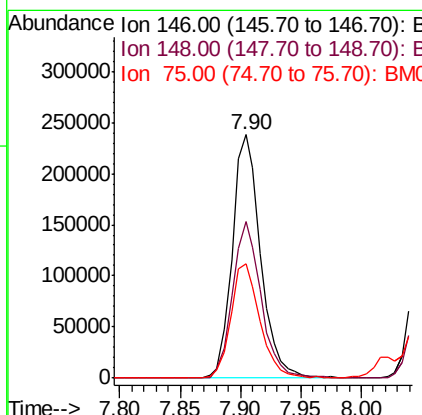
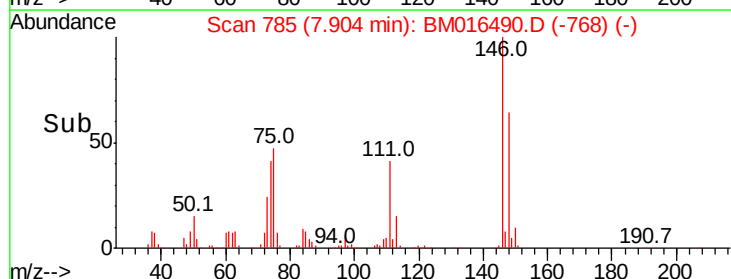
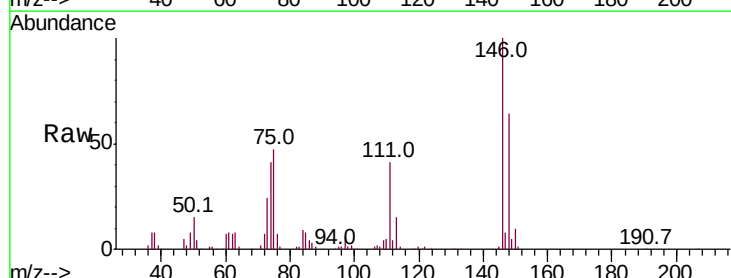
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

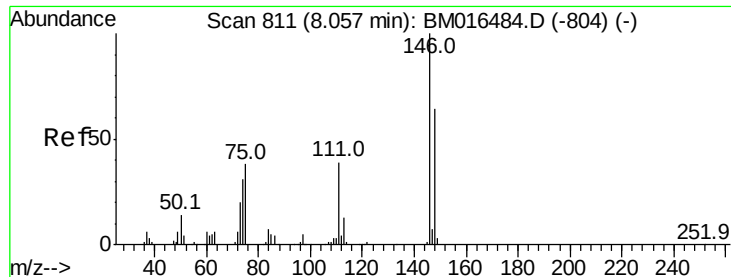
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.8  | 49.5  | 89.5  |
| 95      | 33.6  | 13.5  | 53.5  |



#12  
1,3-Dichlorobenzene  
Concen: 38.061 ng  
RT: 7.90 min Scan# 785  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.9  | 76.3  |
| 75      | 47.2  | 21.4  | 32.2  |

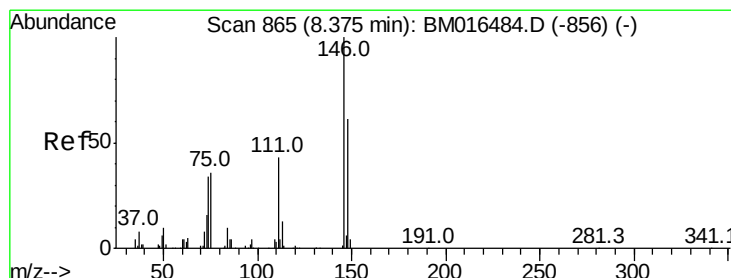
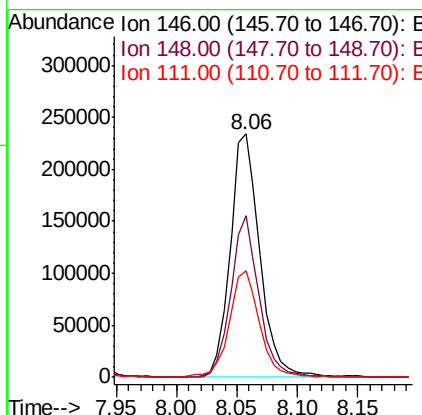
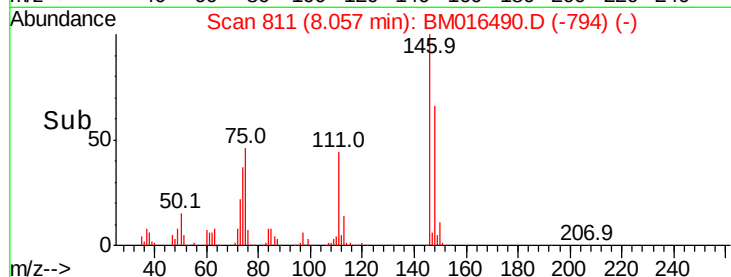
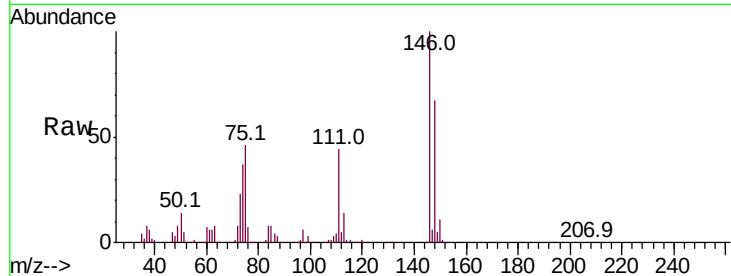




#13  
 1,4-Dichlorobenzene  
 Concen: 38.169 ng  
 RT: 8.06 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

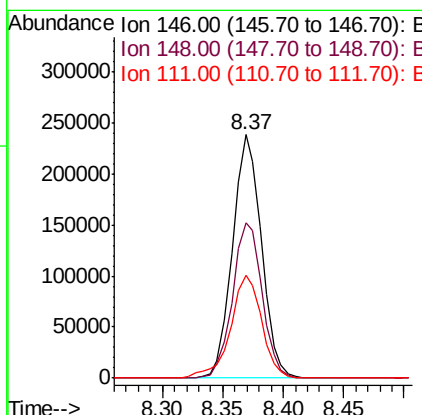
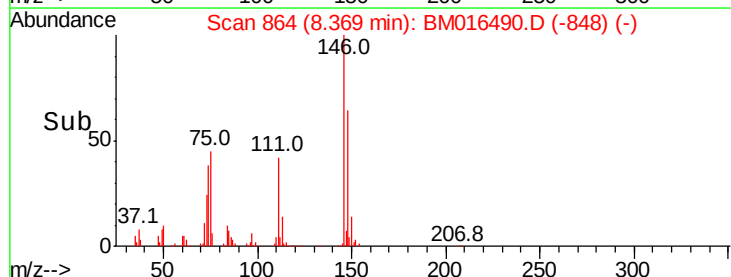
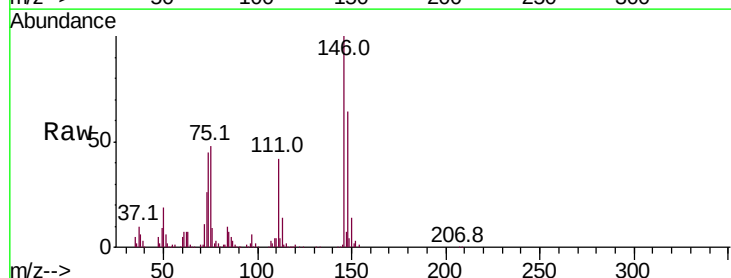
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

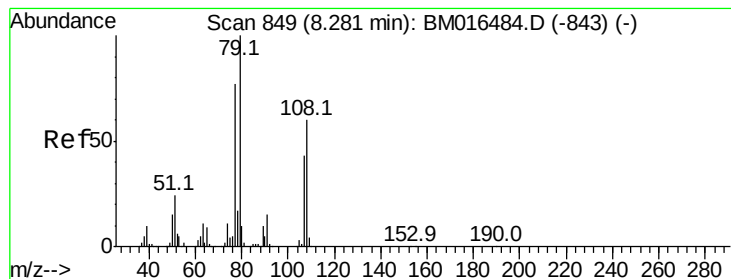
Tot Ion:146 Resp: 400514  
 Ion Ratio Lower Upper  
 146 100  
 148 66.5 51.9 77.9  
 111 43.7 29.2 43.8



#14  
 1,2-Dichlorobenzene  
 Concen: 38.586 ng  
 RT: 8.37 min Scan# 864  
 Delta R.T. -0.01 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

Tgt Ion:146 Resp: 397773  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 52.3 78.5  
 111 42.4 30.6 45.8





#15

Benzyl Alcohol

Concen: 37.828 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

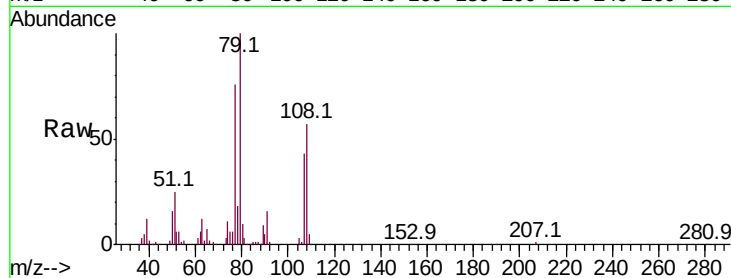
Tot Ion: 79 Resp: 301275

Ion Ratio Lower Upper

79 100

108 57.2 65.0 97.4#

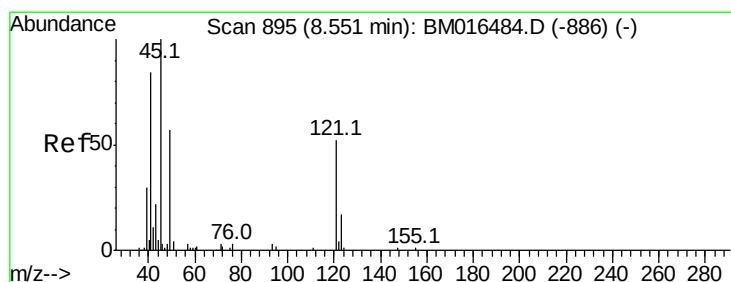
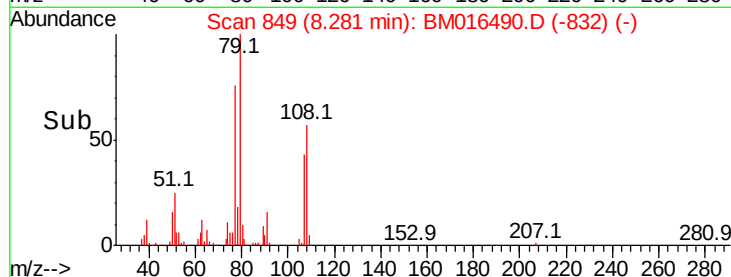
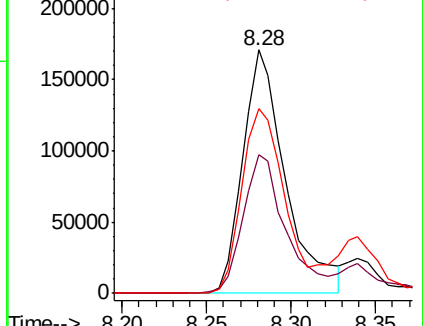
77 75.8 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016484.D (-843) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-843) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-843) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.344 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

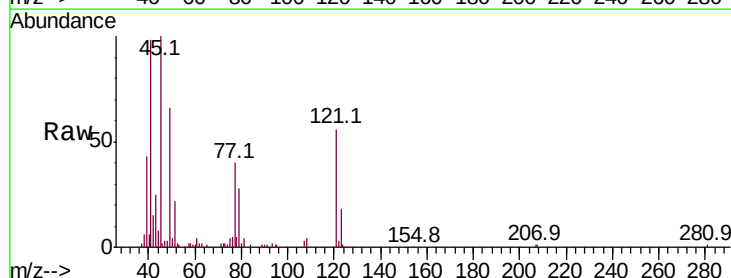
Tgt Ion: 45 Resp: 172300

Ion Ratio Lower Upper

45 100

77 39.6 0.0 35.2#

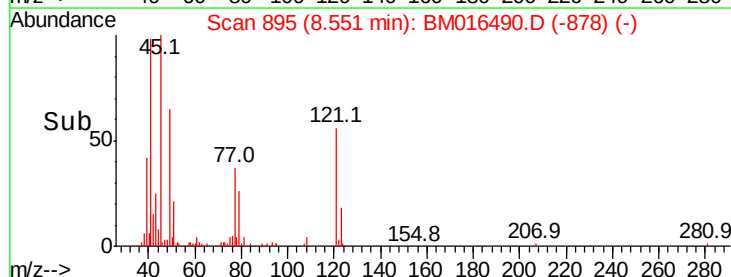
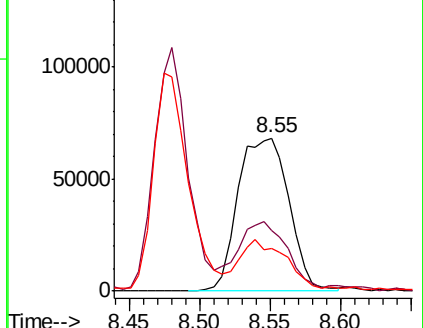
79 28.2 0.0 32.0

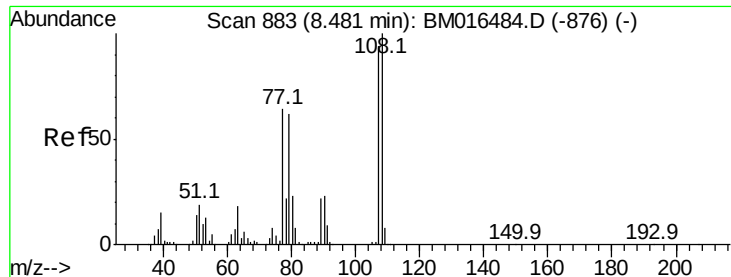


Abundance Ion 45.00 (44.70 to 45.70): BM016484.D (-886) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-886) (-)

Ion 79.00 (78.70 to 79.70): BM016484.D (-886) (-)

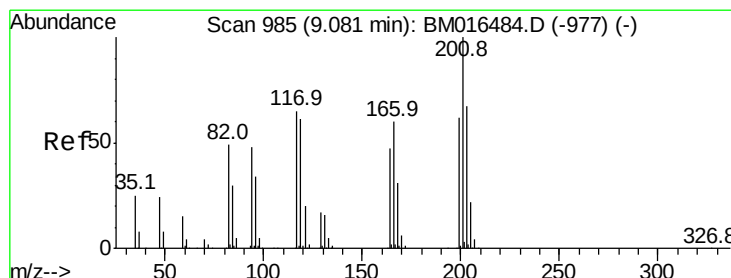
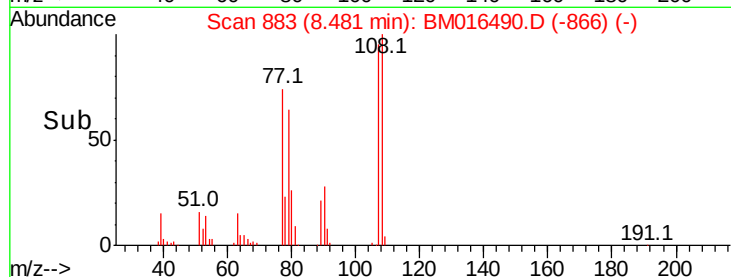
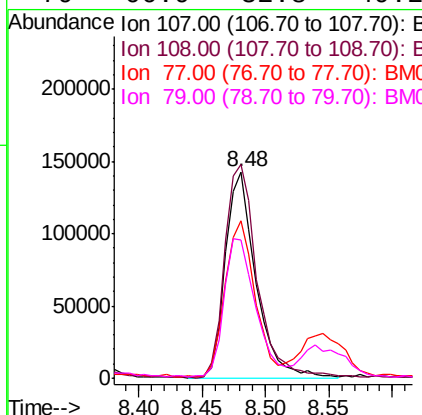
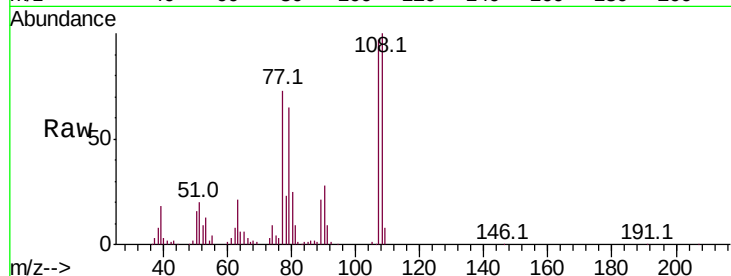




#17  
2-Methylphenol  
Concen: 39.041 ng  
RT: 8.48 min Scan# 883  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

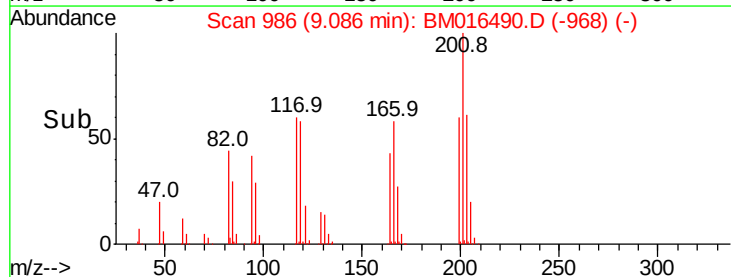
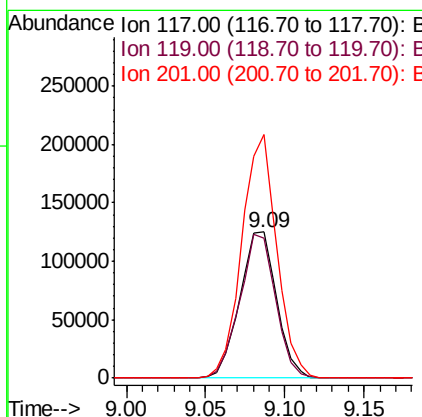
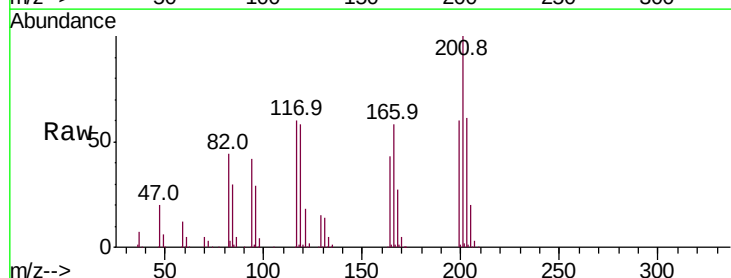
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

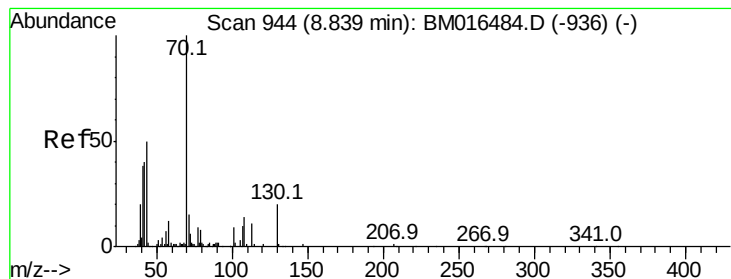
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 103.4 | 89.8  | 134.8 |
| 77      | 76.0  | 32.6  | 48.8# |
| 79      | 66.9  | 32.8  | 49.2# |



#18  
Hexachloroethane  
Concen: 41.683 ng  
RT: 9.09 min Scan# 986  
Delta R.T. 0.01 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 95.8  | 79.2  | 118.8  |
| 201     | 166.5 | 69.8  | 104.6# |





#19

n-Nitroso-di-n-propylamine

Concen: 39.731 ng

RT: 8.84 min Scan# 944

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 267151

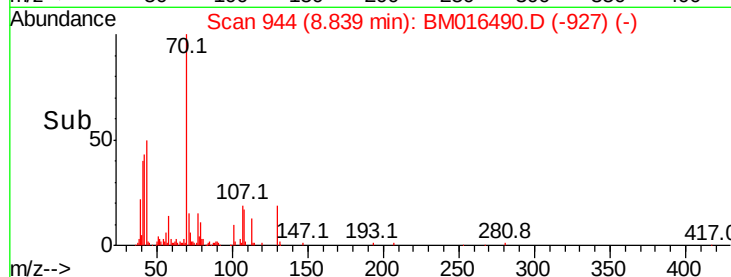
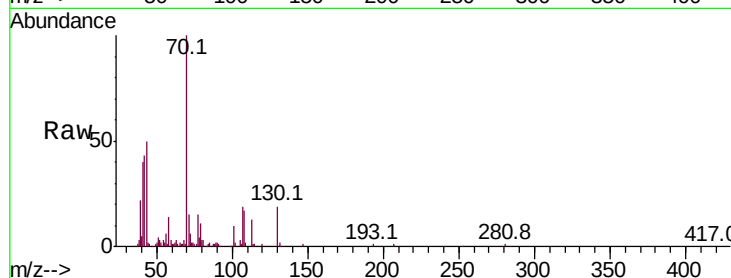
Ion Ratio Lower Upper

70 100

42 42.9 44.5 66.7#

101 10.0 7.4 11.2

130 19.4 15.3 22.9



Abundance Ion 70.00 (69.70 to 70.70): BM016484.D (-936) (-)

Ion 42.00 (41.70 to 42.70): BM016484.D (-936) (-)

Ion 101.00 (100.70 to 101.70): BM016484.D (-936) (-)

Ion 130.00 (129.70 to 130.70): BM016484.D (-936) (-)

Time--> 8.75 8.80 8.85 8.90

Abundance

250000

200000

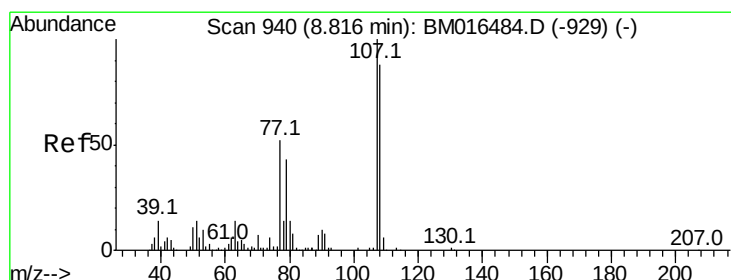
150000

100000

50000

0

Time--> 8.75 8.80 8.85 8.90



#20

3+4-Methylphenols

Concen: 38.372 ng

RT: 8.82 min Scan# 940

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Tgt Ion:107 Resp: 325856

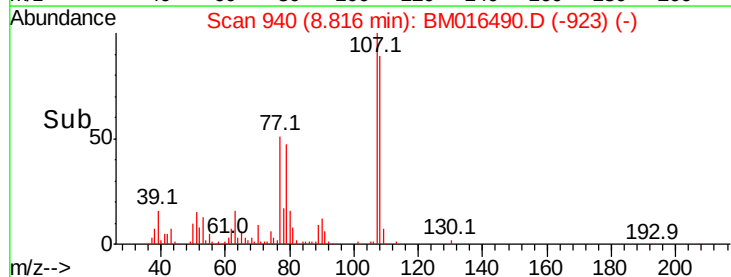
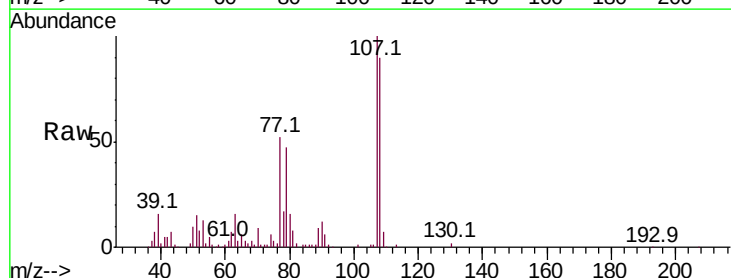
Ion Ratio Lower Upper

107 100

108 89.5 73.2 113.2

77 51.8 10.7 50.7#

79 47.0 9.6 49.6



Abundance Ion 107.00 (106.70 to 107.70): BM016484.D (-929) (-)

Ion 108.00 (107.70 to 108.70): BM016484.D (-929) (-)

Ion 77.00 (76.70 to 77.70): BM016484.D (-929) (-)

Ion 79.00 (78.70 to 79.70): BM016484.D (-929) (-)

Time--> 8.75 8.80 8.85 8.90

Abundance

400000

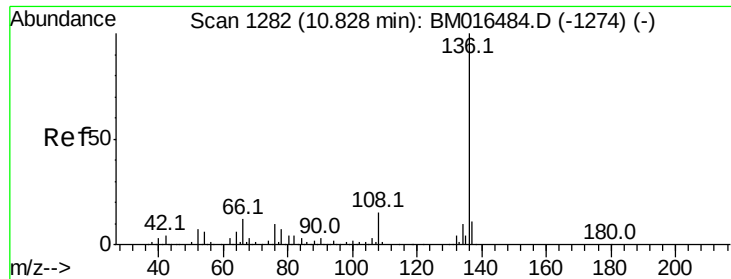
300000

200000

100000

0

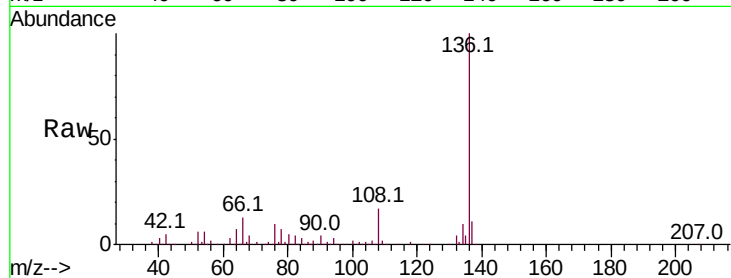
Time--> 8.75 8.80 8.85 8.90



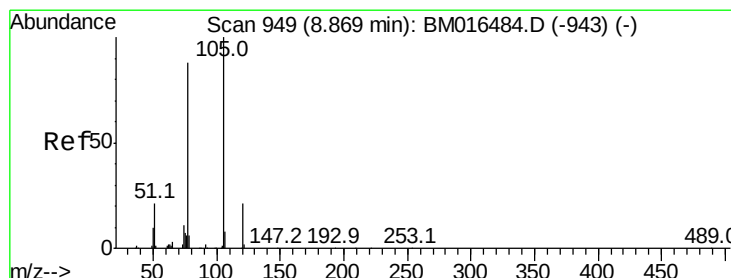
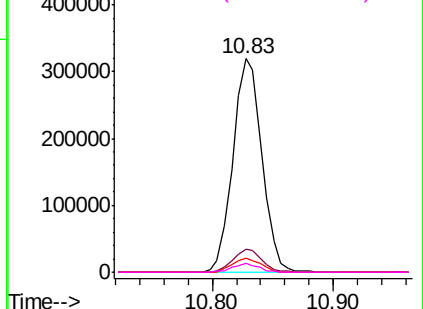
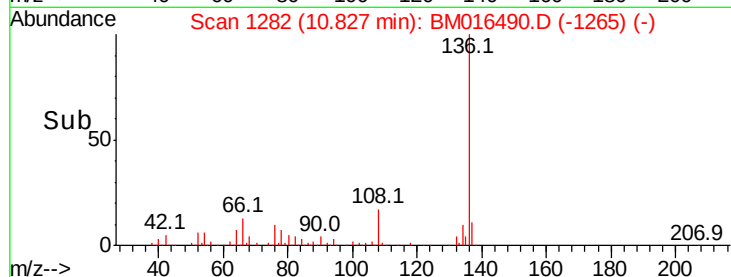
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 533691   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.6  | 8.7 13.1 |
| 54          | 6.4   | 4.6 6.8  |
| 68          | 4.0   | 3.7 5.5  |

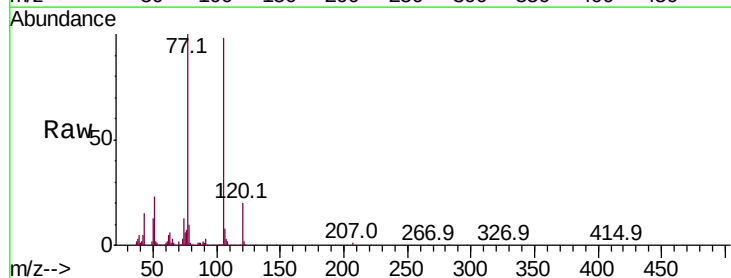


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

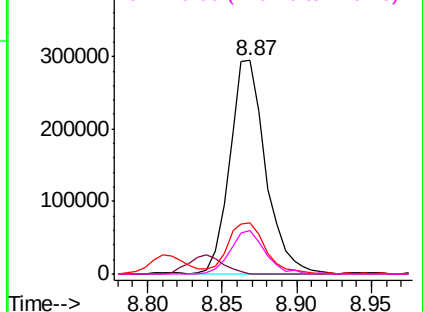
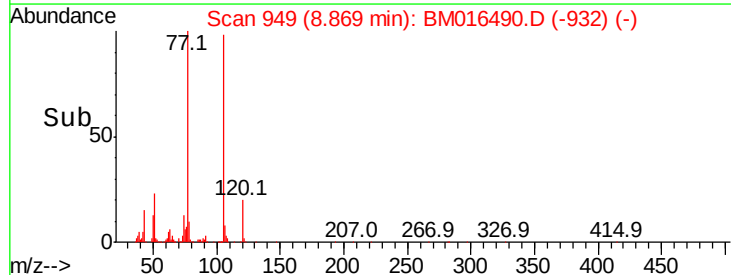


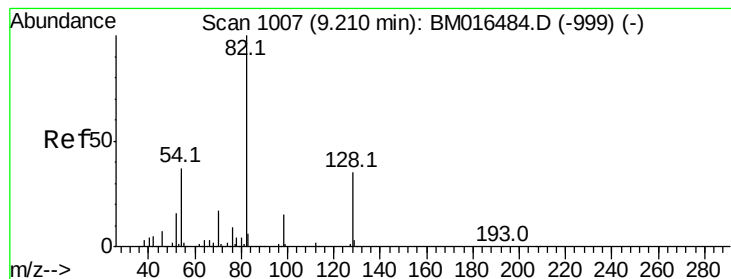
#22  
Acetophenone  
Concen: 38.145 ng  
RT: 8.87 min Scan# 949  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 490218    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.2   | 0.6 1.0#  |
| 51          | 23.7  | 21.6 32.4 |
| 120         | 20.2  | 16.1 24.1 |



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





#23

Nitrobenzene-d5

Concen: 38.145 ng

RT: 9.21 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

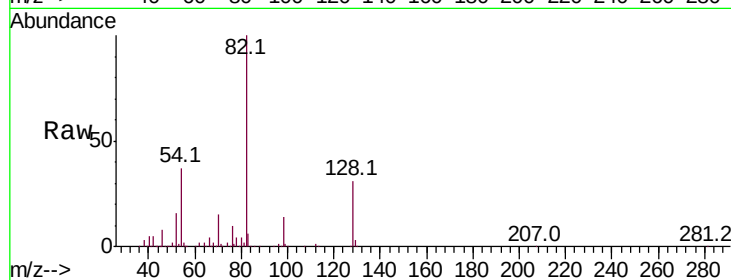
Tot Ion: 82 Resp: 935361

Ion Ratio Lower Upper

82 100

128 31.1 32.8 49.2#

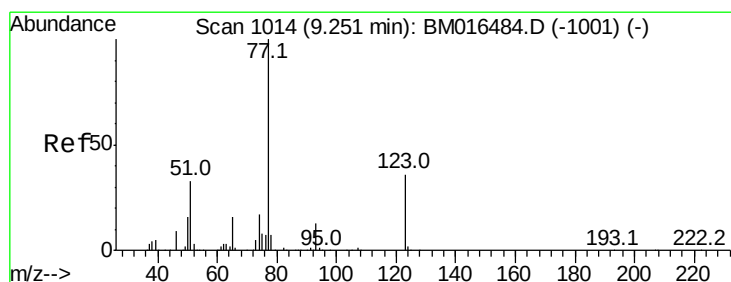
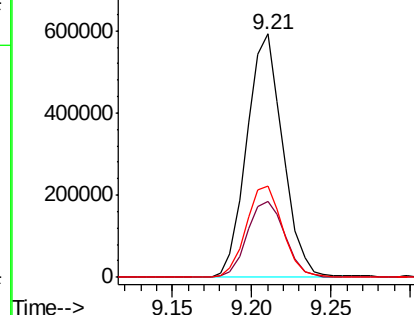
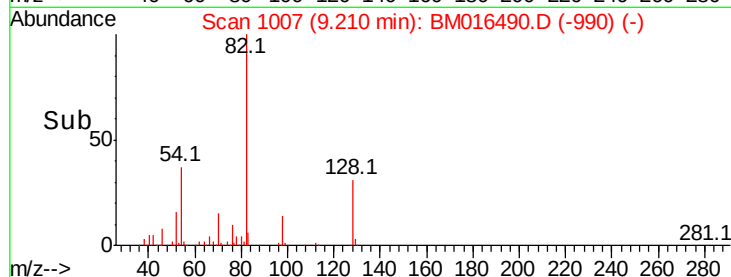
54 37.2 40.6 60.8#



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-999) (-)

Ion 128.00 (127.70 to 128.70): BM016484.D (-999) (-)

Ion 54.00 (53.70 to 54.70): BM016484.D (-999) (-)



#24

Nitrobenzene

Concen: 39.027 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

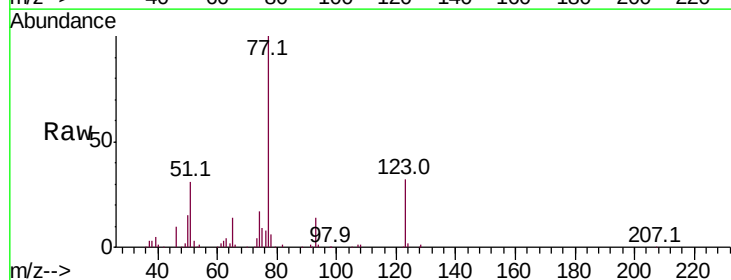
Tgt Ion: 77 Resp: 455787

Ion Ratio Lower Upper

77 100

123 32.5 32.6 49.0#

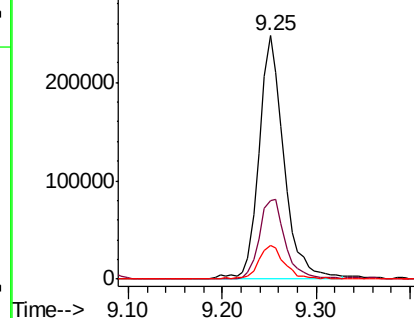
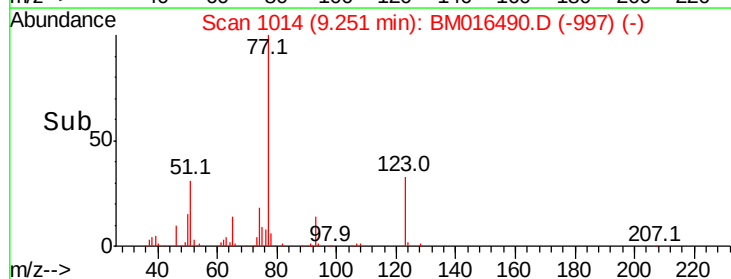
65 13.8 10.9 16.3



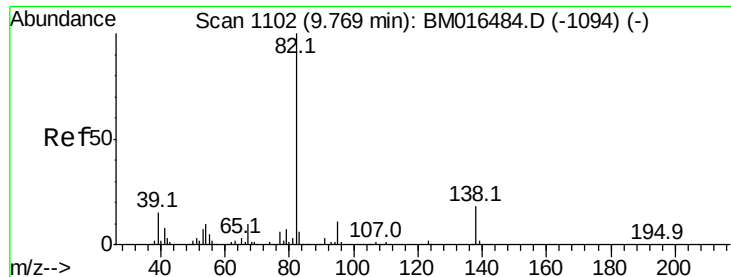
Abundance Ion 77.00 (76.70 to 77.70): BM016484.D (-1001) (-)

Ion 123.00 (122.70 to 123.70): BM016484.D (-1001) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-1001) (-)







#25

Isophorone

Concen: 40.612 ng

RT: 9.76 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

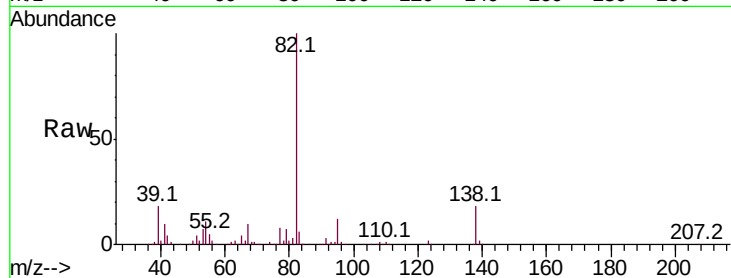
Tot Ion: 82 Resp: 634436

Ion Ratio Lower Upper

82 100

95 11.6 5.8 8.6#

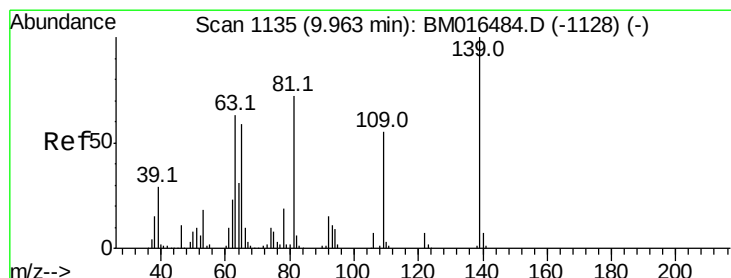
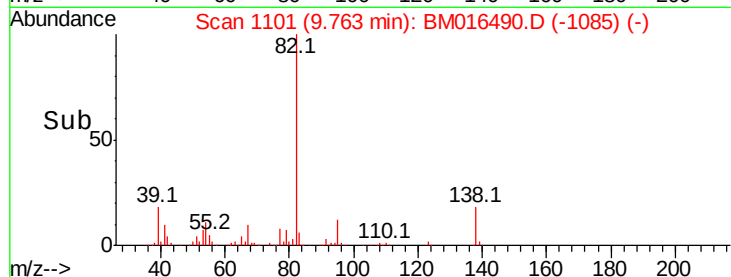
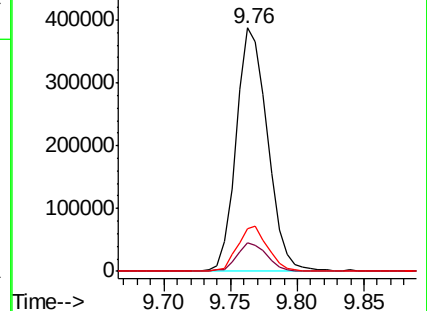
138 17.8 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016484.D (-1094) (-)

Ion 95.00 (94.70 to 95.70): BM016484.D (-1094) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1094) (-)



#26

2-Nitrophenol

Concen: 38.215 ng

RT: 9.96 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

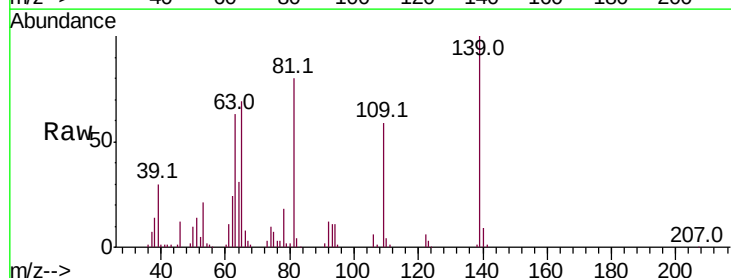
Tgt Ion: 139 Resp: 190797

Ion Ratio Lower Upper

139 100

109 59.0 20.1 30.1#

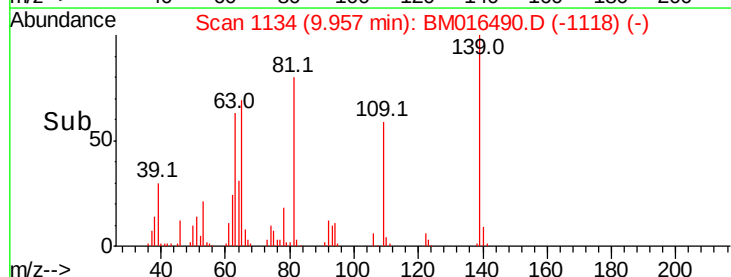
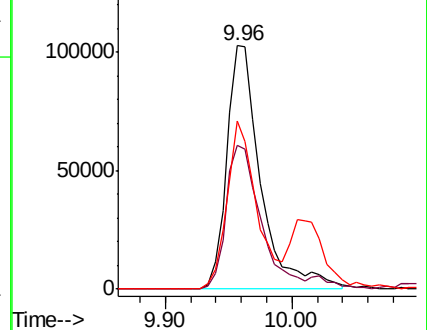
65 68.9 31.5 47.3#

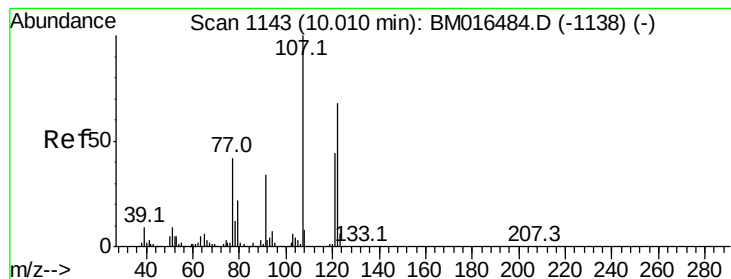


Abundance Ion 139.00 (138.70 to 139.70): BM016484.D (-1128) (-)

Ion 109.00 (108.70 to 109.70): BM016484.D (-1128) (-)

Ion 65.00 (64.70 to 65.70): BM016484.D (-1128) (-)





#27

2,4-Dimethylphenol

Concen: 38.900 ng

RT: 10.01 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

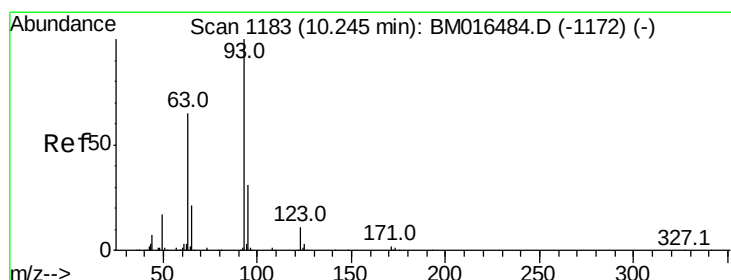
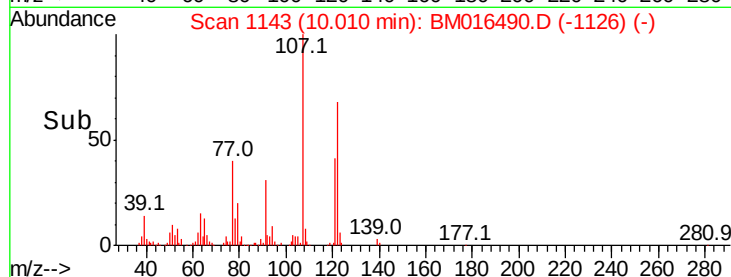
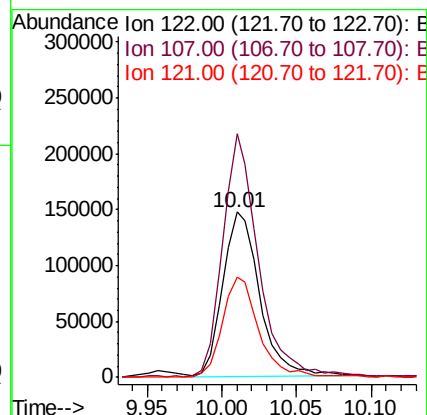
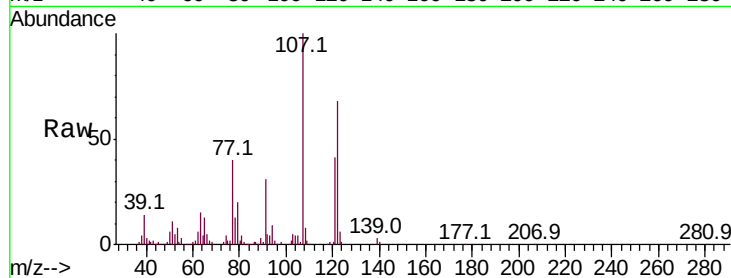
Tot Ion:122 Resp: 253101

Ion Ratio Lower Upper

122 100

107 147.3 84.7 127.1#

121 60.6 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 38.873 ng

RT: 10.25 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

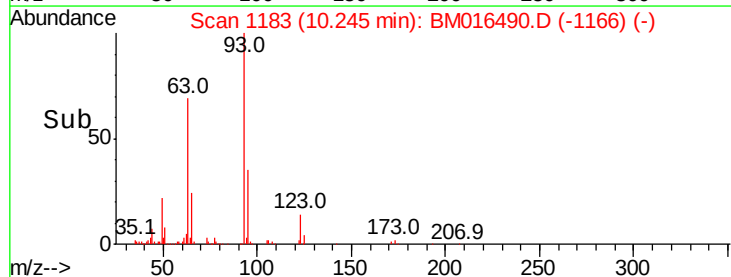
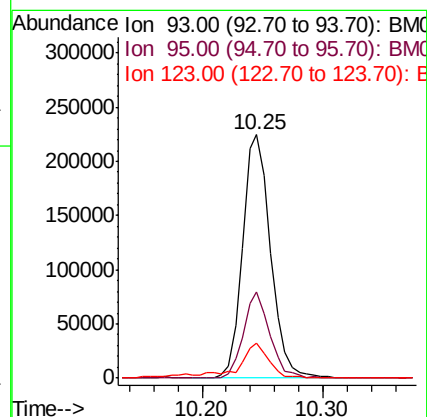
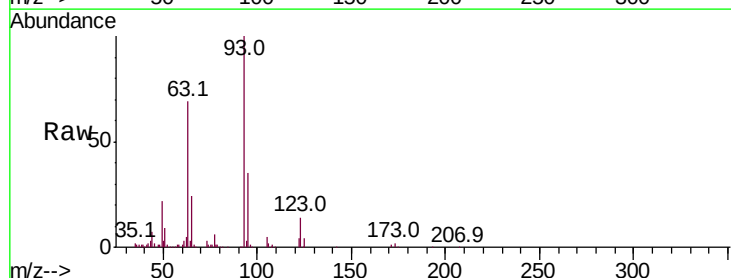
Tgt Ion: 93 Resp: 362504

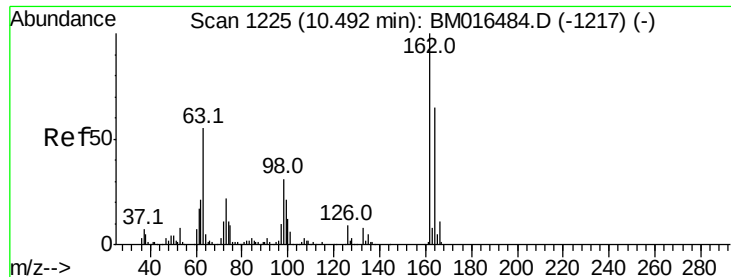
Ion Ratio Lower Upper

93 100

95 35.3 25.5 38.3

123 14.4 8.6 13.0#

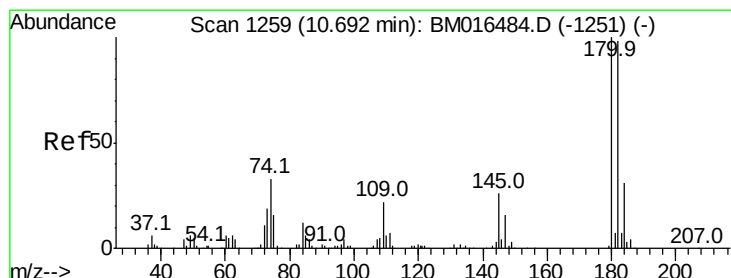
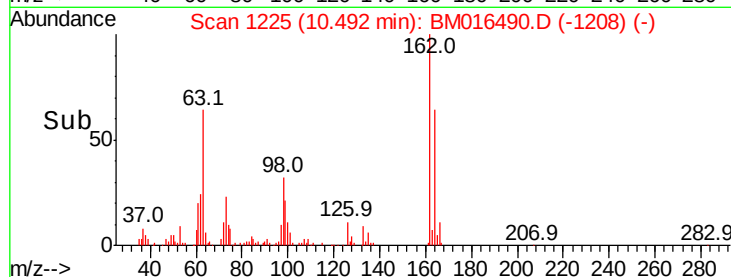
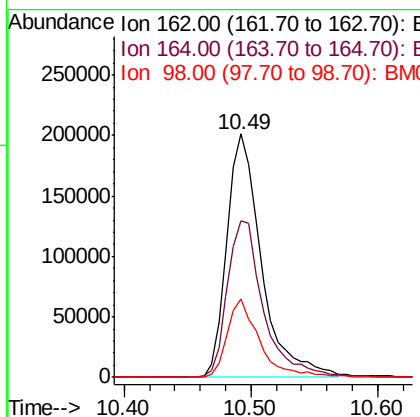
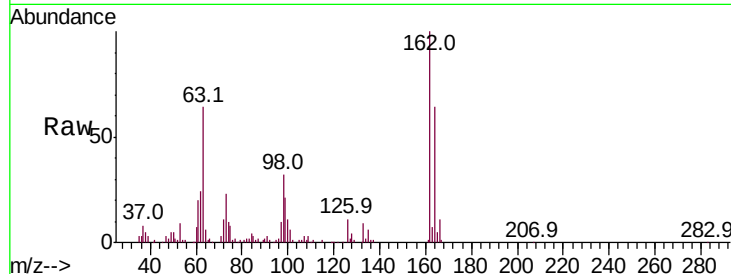




#29  
 2,4-Dichlorophenol  
 Concen: 39.183 ng  
 RT: 10.49 min Scan# 1225  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

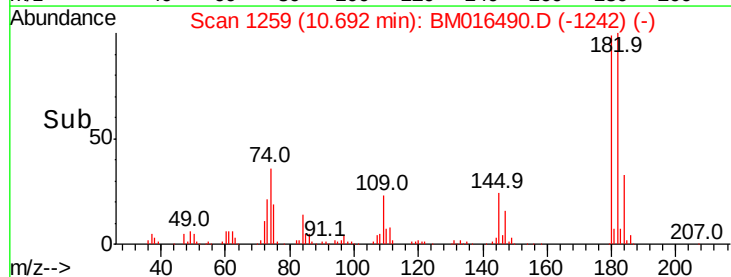
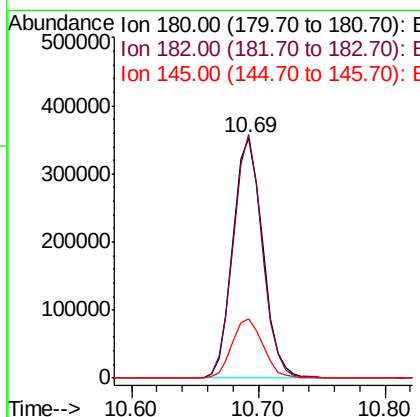
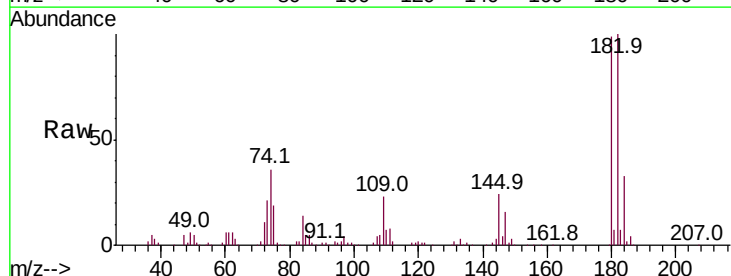
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

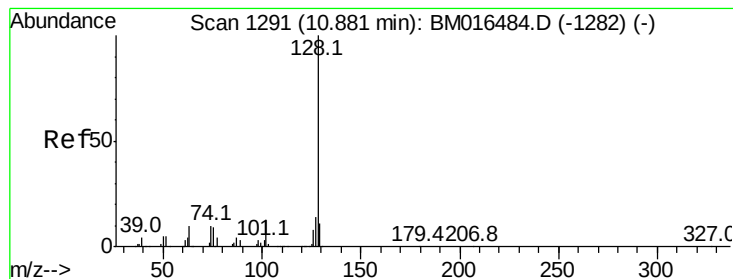
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.3  | 42.8  | 82.8  |
| 98      | 32.2  | 14.5  | 54.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.941 ng  
 RT: 10.69 min Scan# 1259  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 101.3 | 77.6  | 116.4 |
| 145     | 24.4  | 23.4  | 35.2  |





#31

Naphthalene

Concen: 38.346 ng

RT: 10.88 min Scan# 1291

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

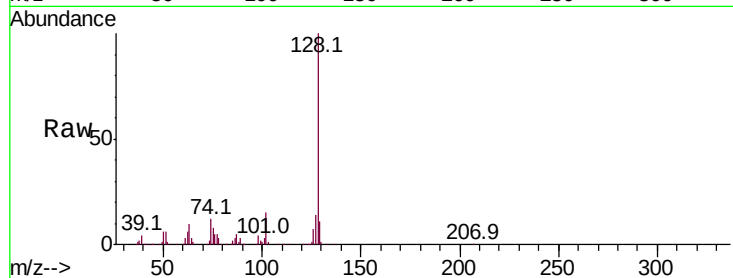
Tot Ion:128 Resp: 975038

Ion Ratio Lower Upper

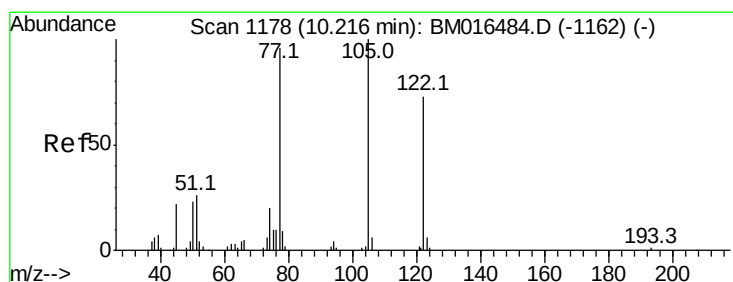
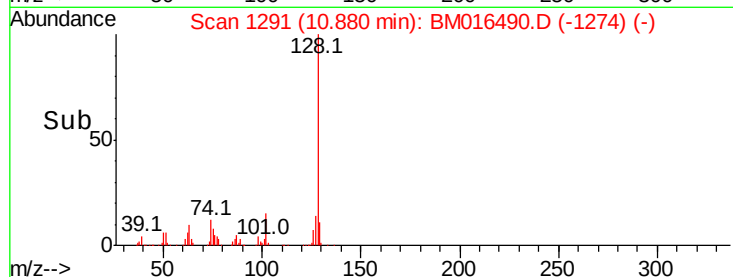
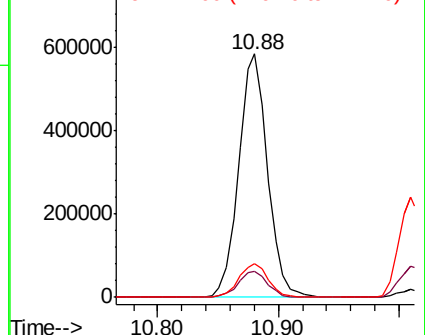
128 100

129 10.8 8.9 13.3

127 13.8 10.4 15.6



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



#32

Benzoic acid

Concen: 34.735 ng

RT: 10.21 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

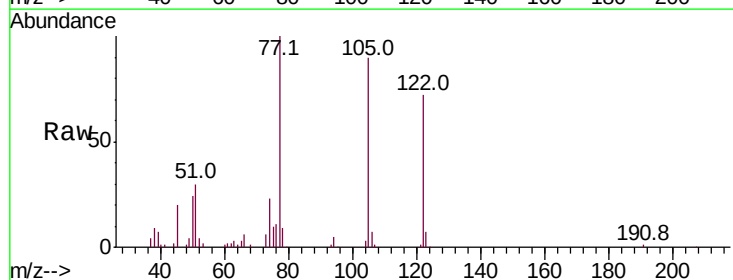
Tgt Ion:122 Resp: 189095

Ion Ratio Lower Upper

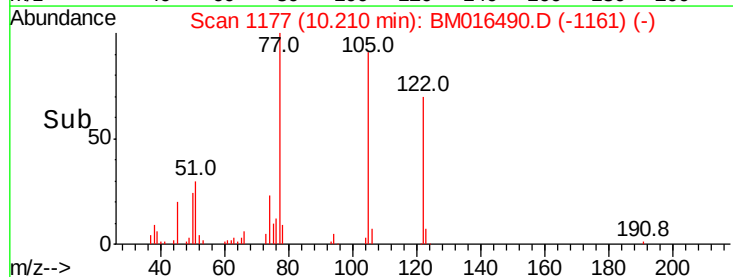
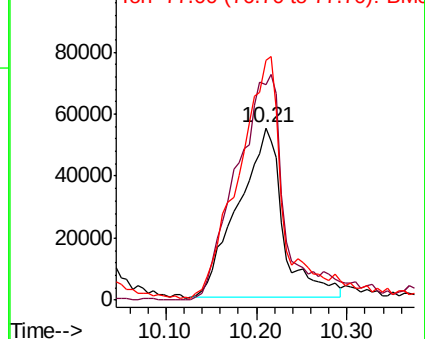
122 100

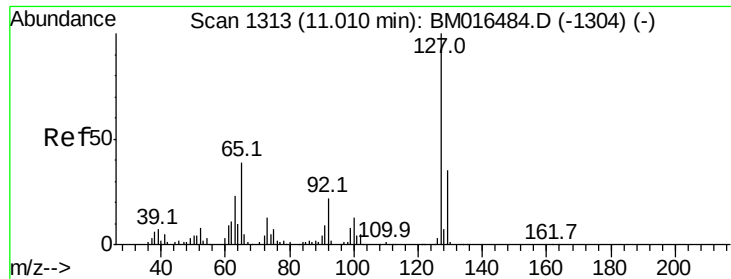
105 125.6 99.9 139.9

77 139.5 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

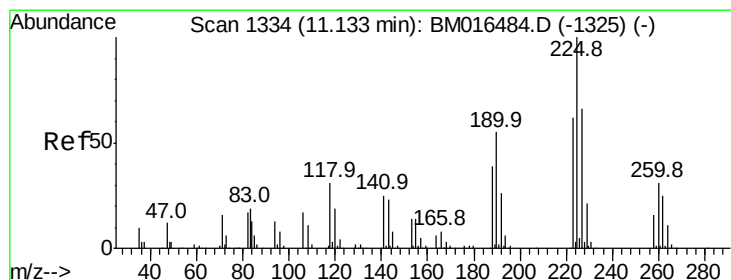
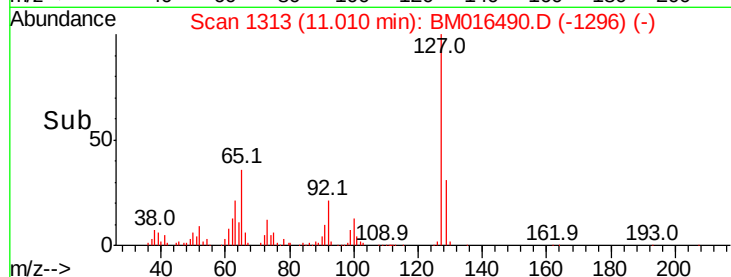
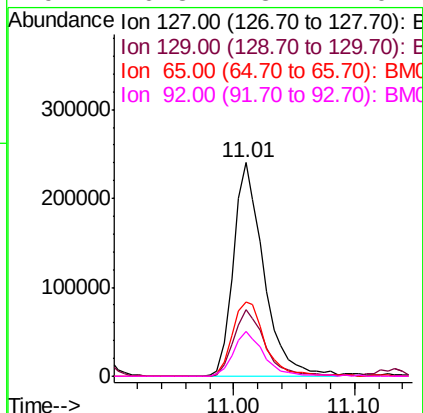
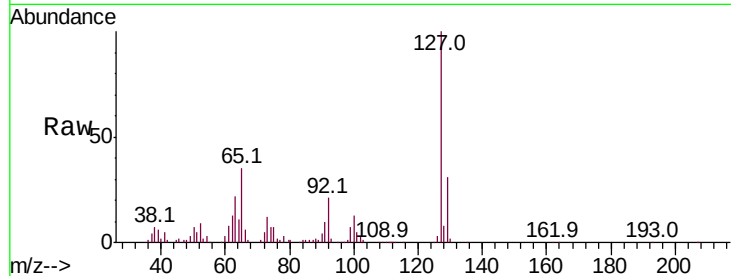




#33  
4-Chloroaniline  
Concen: 39.298 ng  
RT: 11.01 min Scan# 1313  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

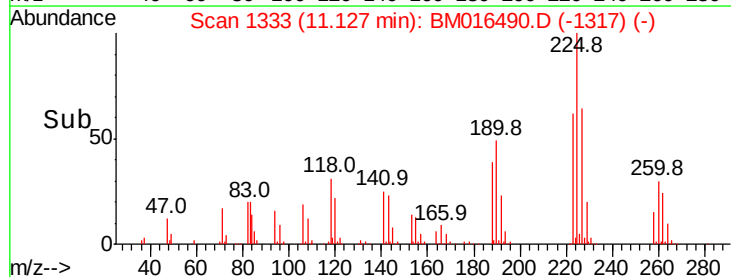
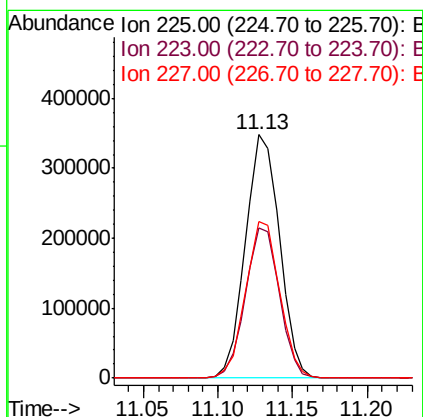
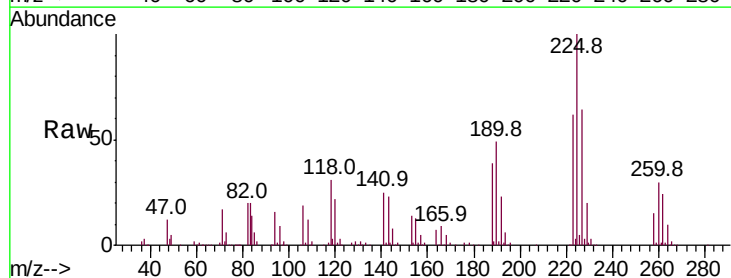
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

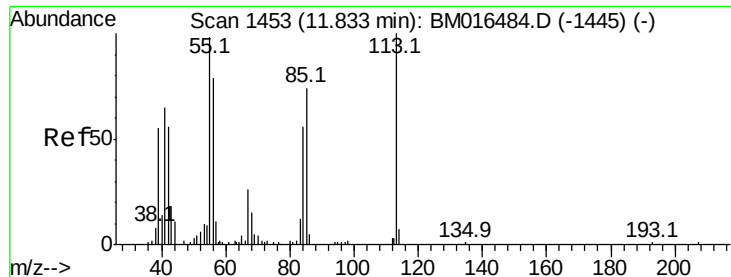
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.4  | 25.3  | 37.9  |
| 65      | 35.0  | 17.6  | 26.4  |
| 92      | 20.8  | 13.1  | 19.7  |



#34  
Hexachlorobutadiene  
Concen: 39.104 ng  
RT: 11.13 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.6  | 47.9  | 71.9  |
| 227     | 64.2  | 50.1  | 75.1  |

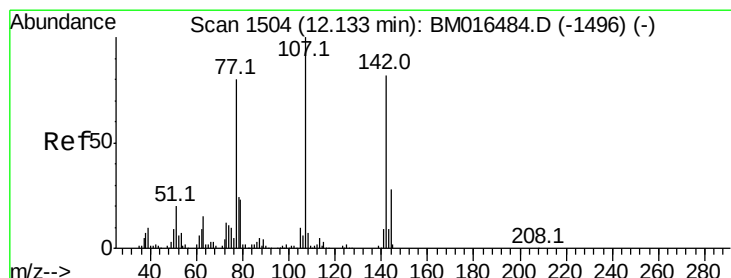
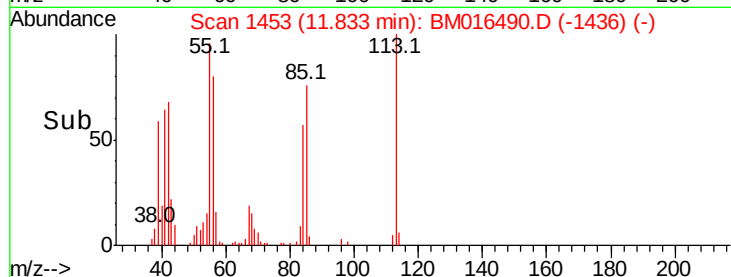
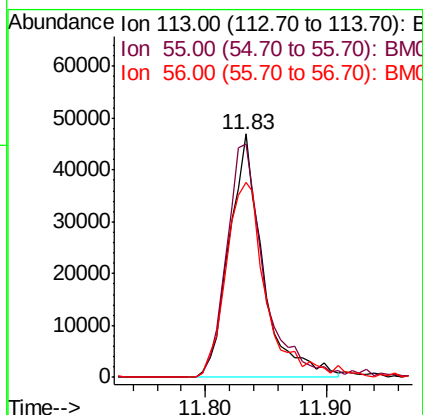
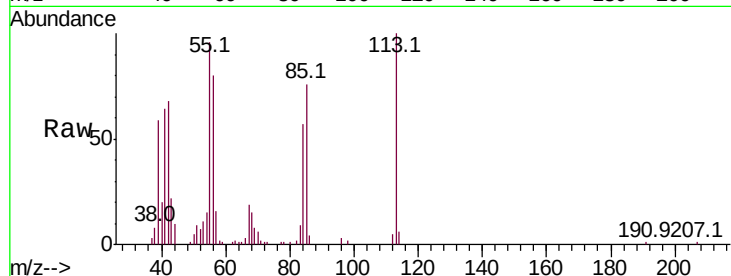




#35  
 Caprolactam  
 Concen: 39.289 ng  
 RT: 11.83 min Scan# 1453  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

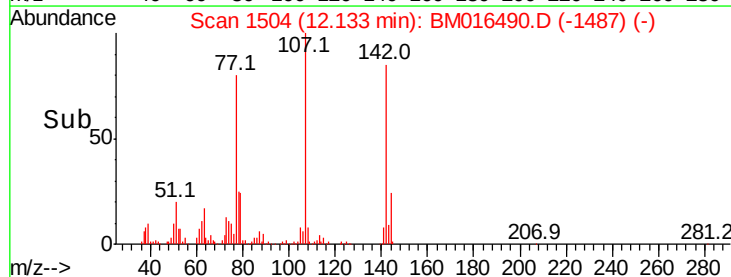
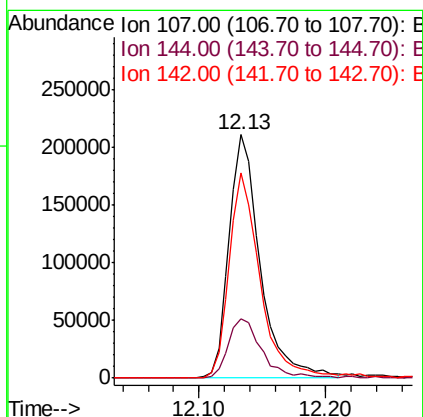
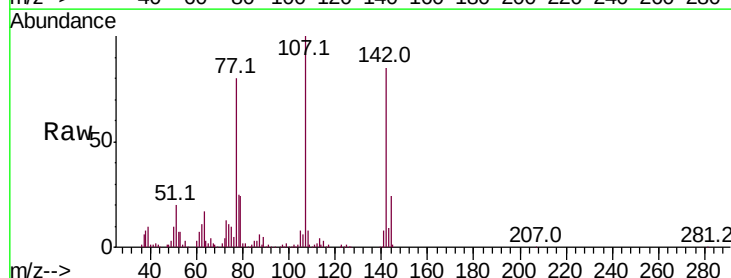
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

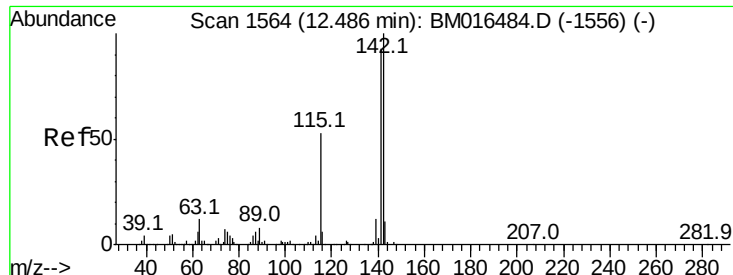
Tot Ion:113 Resp: 91805  
 Ion Ratio Lower Upper  
 113 100  
 55 95.7 145.9 185.9#  
 56 79.8 101.0 141.0#



#36  
 4-Chloro-3-methylphenol  
 Concen: 38.461 ng  
 RT: 12.13 min Scan# 1504  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

Tgt Ion:107 Resp: 360056  
 Ion Ratio Lower Upper  
 107 100  
 144 24.2 23.3 34.9  
 142 84.5 72.6 109.0

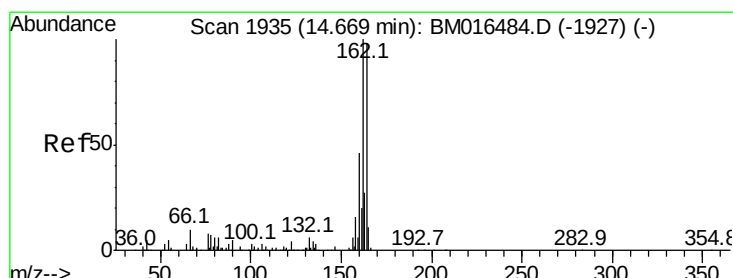
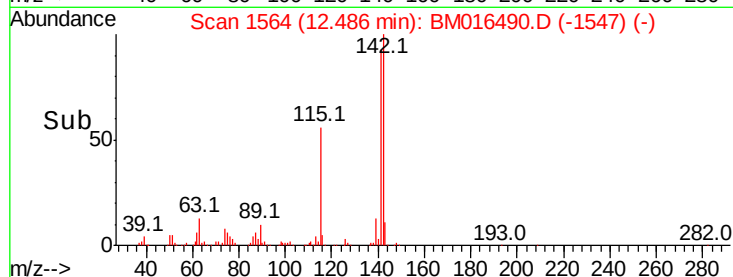
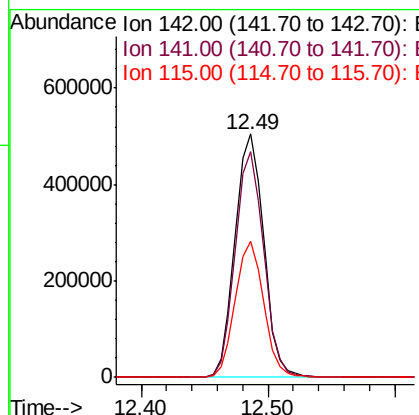
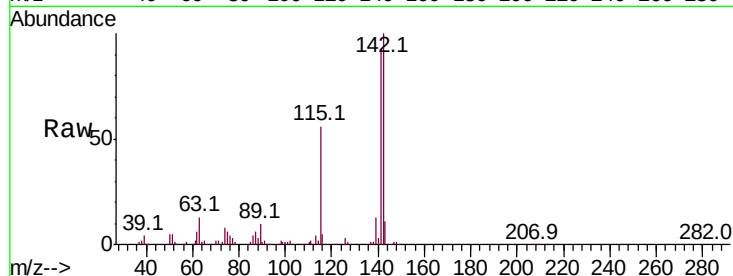




#37  
 2-Methylnaphthalene  
 Concen: 39.815 ng  
 RT: 12.49 min Scan# 1564  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

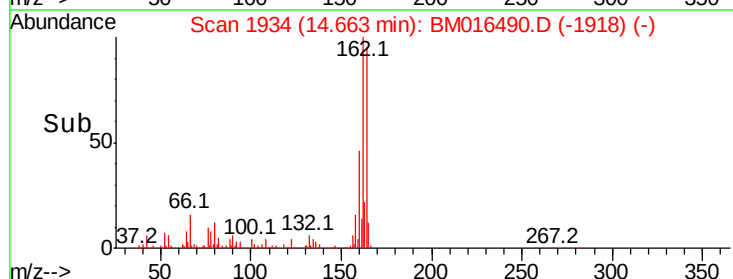
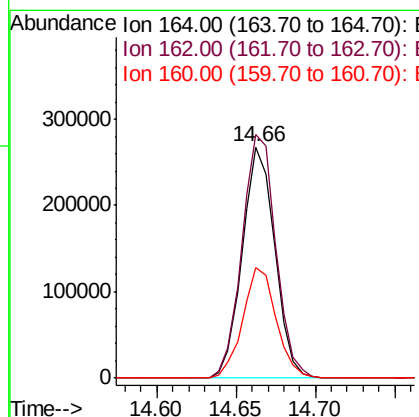
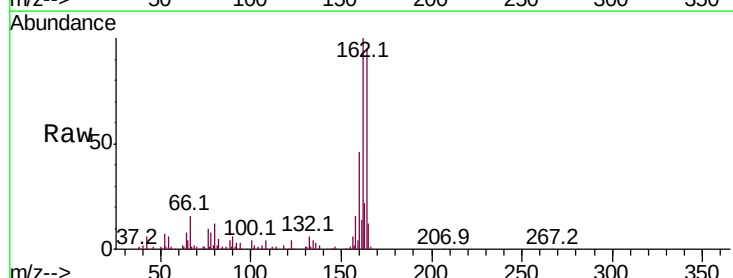
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

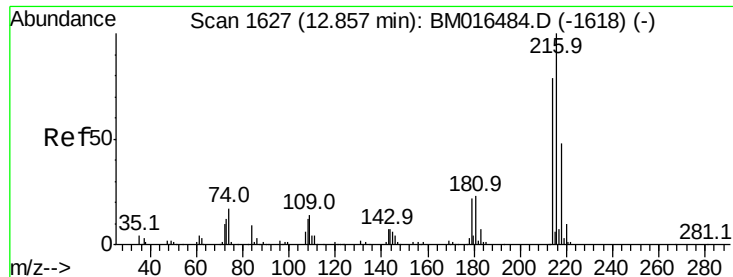
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.9  | 71.9  | 107.9 |
| 115     | 55.9  | 25.4  | 38.0  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.66 min Scan# 1934  
 Delta R.T. -0.01 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.4 | 82.4  | 123.6 |
| 160     | 48.0  | 35.8  | 53.6  |

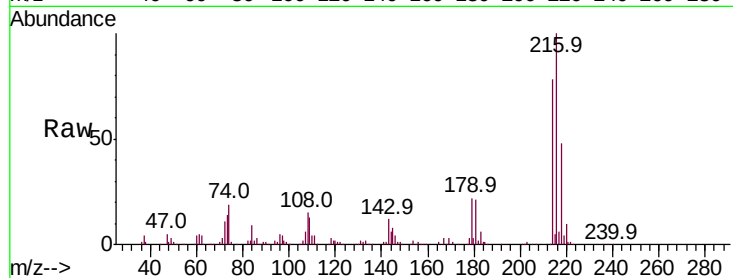




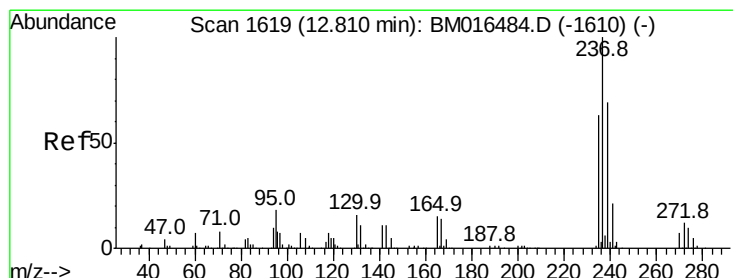
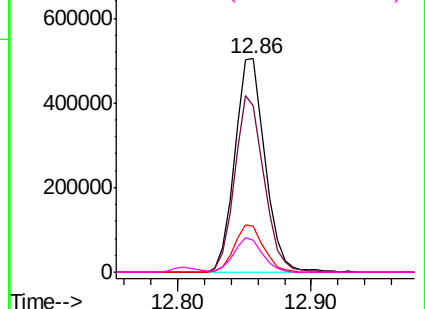
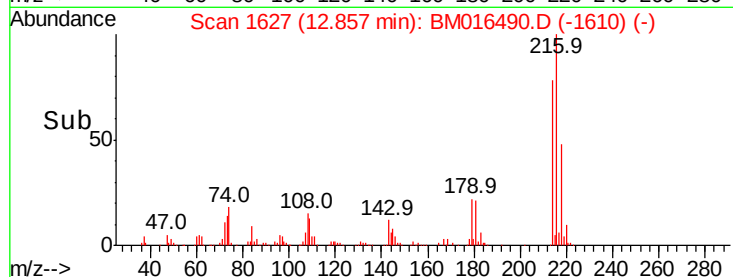
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.927 ng  
 RT: 12.86 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 796840 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.2  | 0.0   | 0.0#   |
| 179      | 21.6  | 0.0   | 0.0#   |
| 108      | 15.3  | 0.0   | 0.0#   |

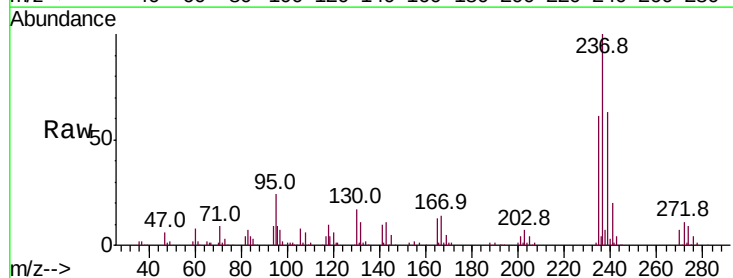


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

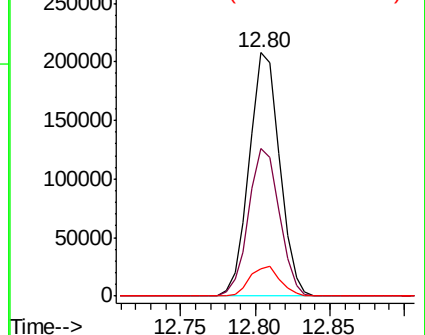
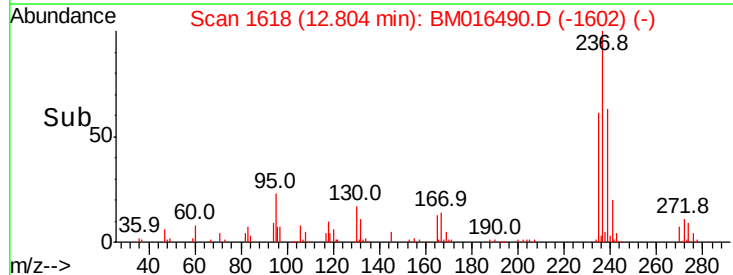


#40  
 Hexachlorocyclopentadiene  
 Concen: 38.942 ng  
 RT: 12.80 min Scan# 1618  
 Delta R.T. -0.01 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

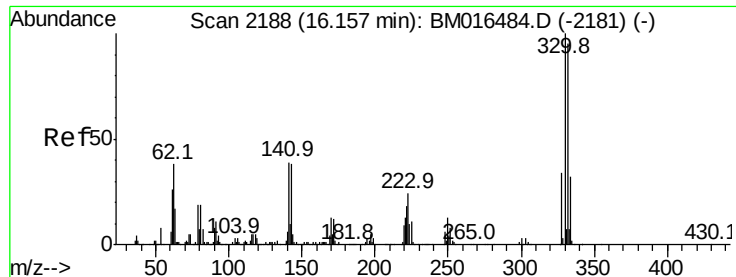
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 292333 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 60.8  | 42.0  | 82.0   |
| 272      | 11.3  | 0.0   | 33.4   |



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



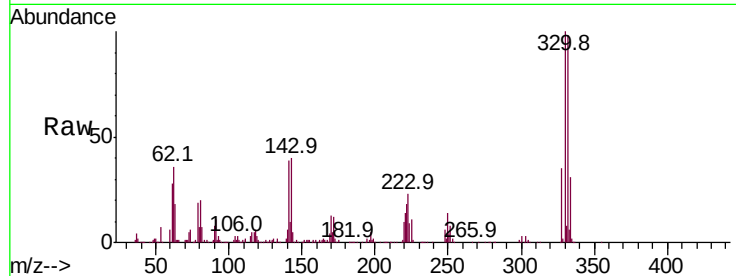




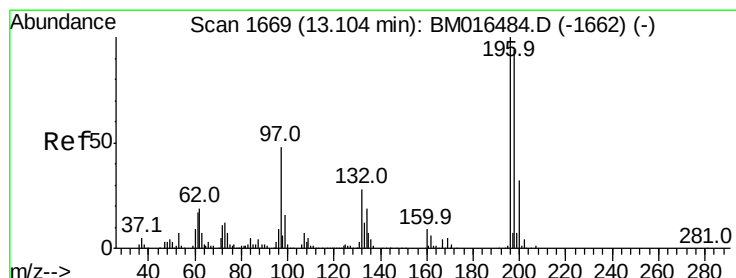
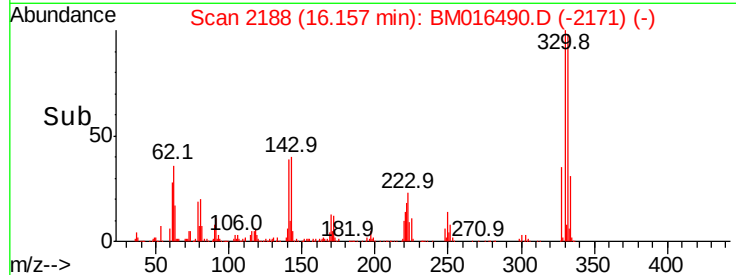
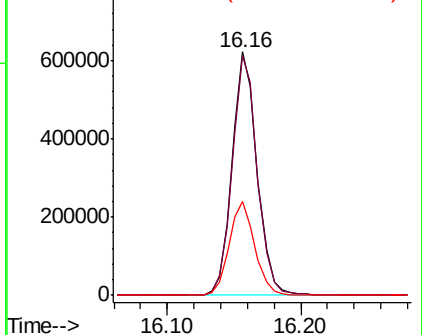
#41  
 2,4,6-Tribromophenol  
 Concen: 38.942 ng  
 RT: 16.16 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 98.4  | 0.0   | 0.0#  |
| 141     | 39.7  | 0.0   | 0.0#  |

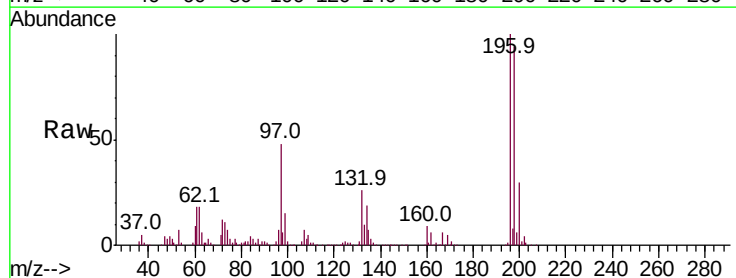


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

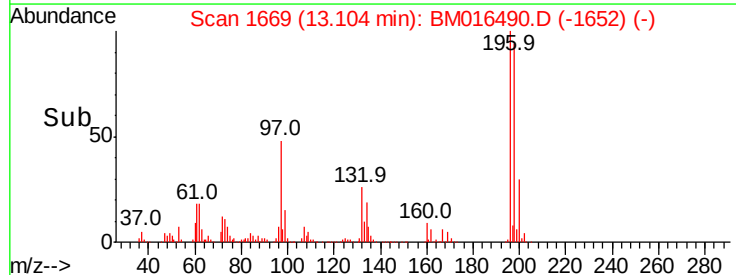
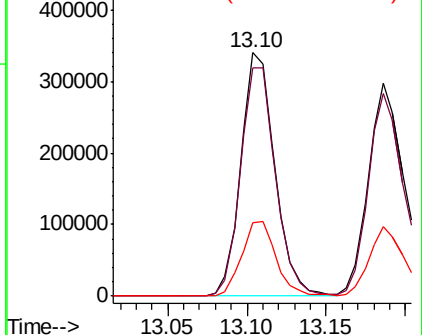


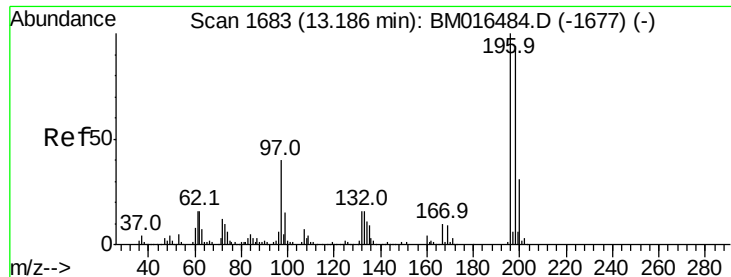
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.344 ng  
 RT: 13.10 min Scan# 1669  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.6  | 76.3  | 114.5 |
| 200     | 30.3  | 25.6  | 38.4  |



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

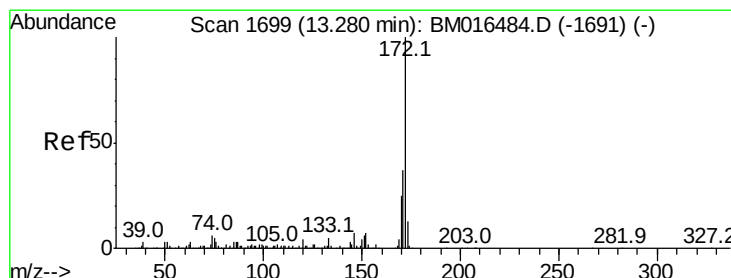
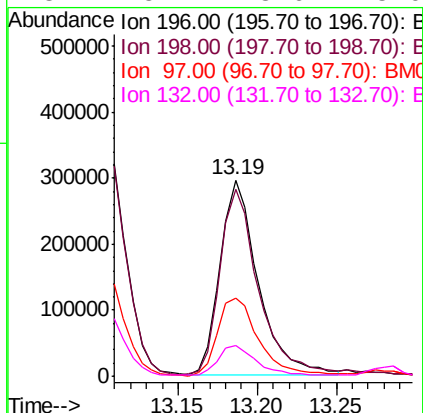
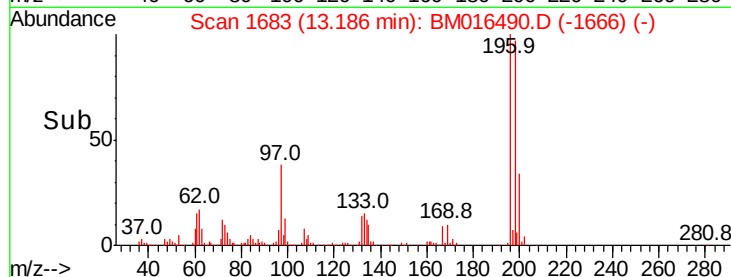
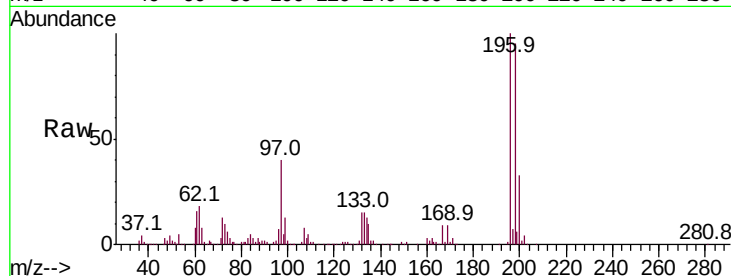




#43  
 2,4,5-Trichlorophenol  
 Concen: 39.086 ng  
 RT: 13.19 min Scan# 1683  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

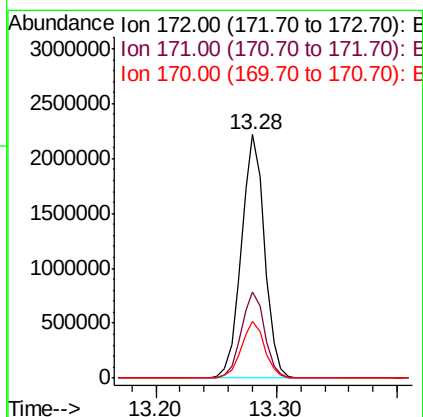
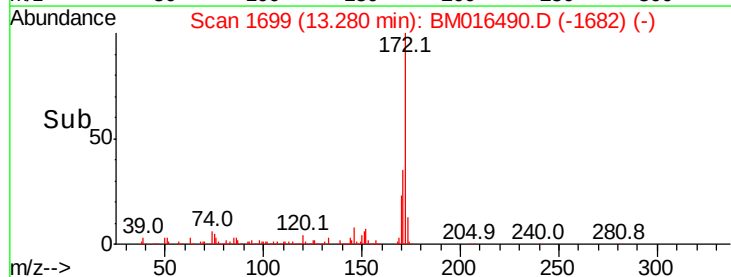
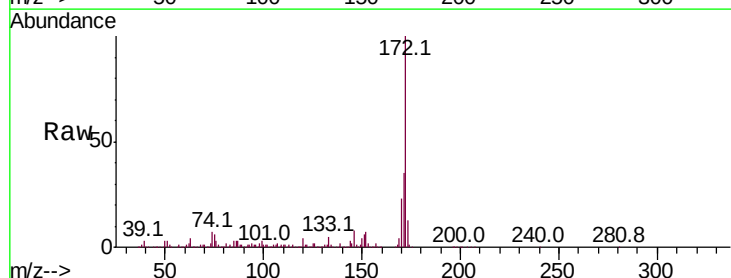
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

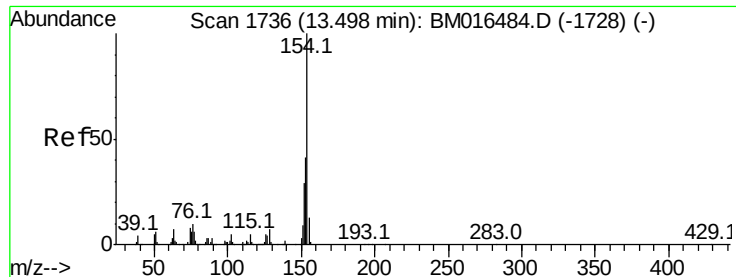
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.3  | 79.4  | 119.0 |
| 97      | 39.6  | 26.8  | 40.2  |
| 132     | 15.4  | 18.6  | 28.0  |



#44  
 2-Fluorobiphenyl  
 Concen: 39.086 ng  
 RT: 13.28 min Scan# 1699  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.5  | 28.5  | 42.7  |
| 170     | 23.4  | 18.8  | 28.2  |





#45

1,1'-Biphenyl

Concen: 37.261 ng

RT: 13.49 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

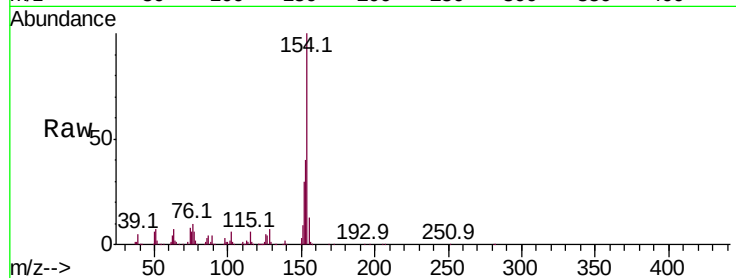
BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1248370

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.7  | 20.7  | 60.7  |
| 76  | 10.0  | 0.0   | 30.9  |

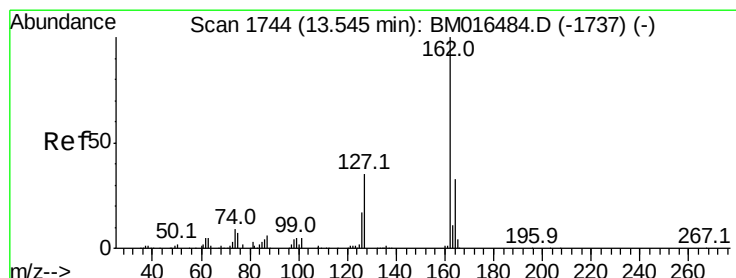
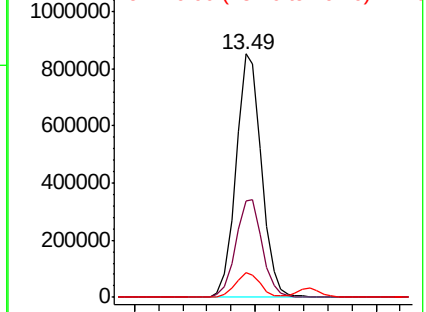
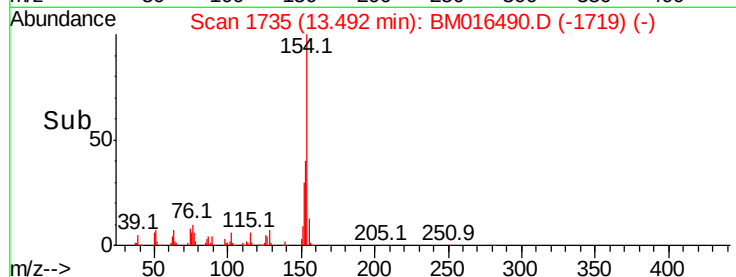


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM



#46

2-Chloronaphthalene

Concen: 37.158 ng

RT: 13.54 min Scan# 1744

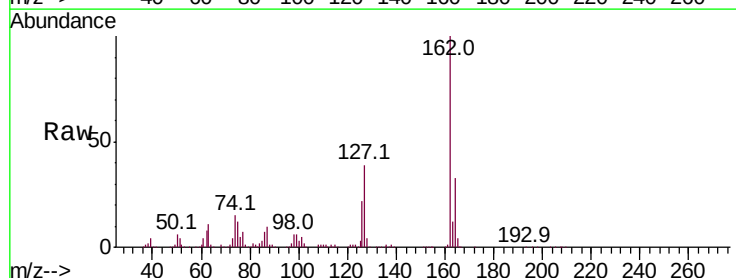
Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Tgt Ion:162 Resp: 1011405

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 38.7  | 26.9  | 40.3  |
| 164 | 32.8  | 26.8  | 40.2  |

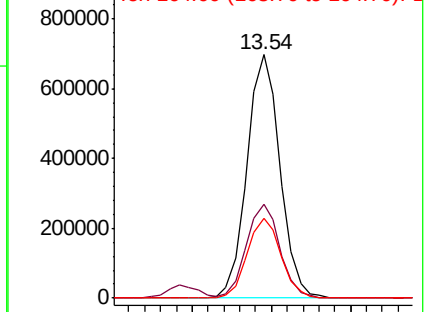
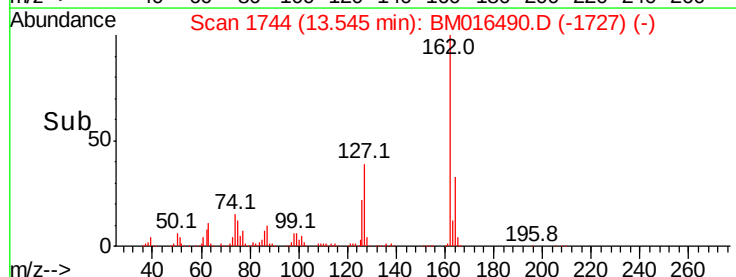


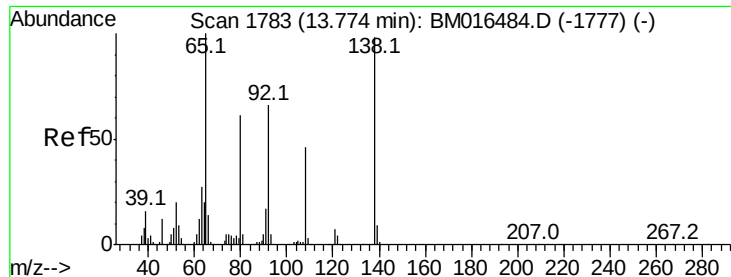
Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 38.016 ng

RT: 13.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

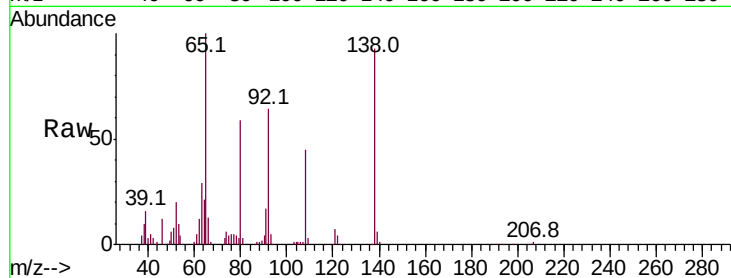
Tot Ion: 65 Resp: 275614

Ion Ratio Lower Upper

65 100

92 64.2 59.1 88.7

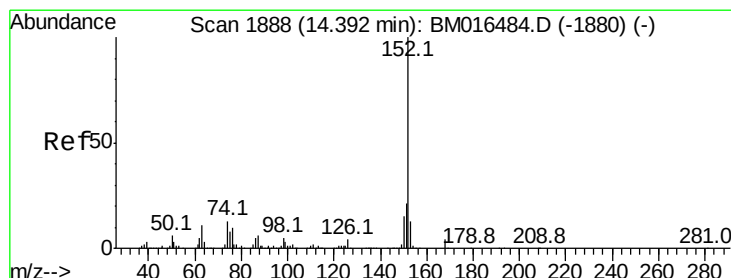
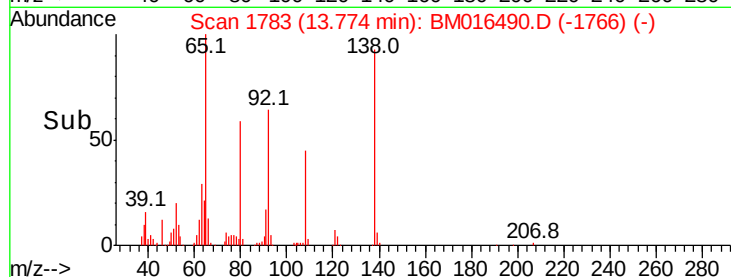
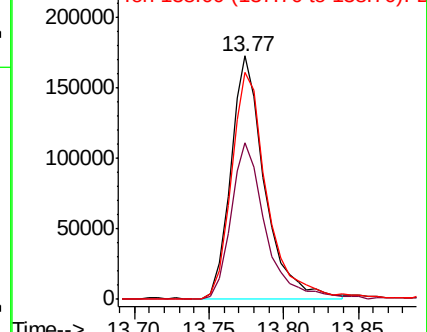
138 93.3 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM016484.D (-1777) (-)

Ion 92.00 (91.70 to 92.70): BM016484.D (-1777) (-)

Ion 138.00 (137.70 to 138.70): BM016484.D (-1777) (-)



#48

Acenaphthylene

Concen: 38.407 ng

RT: 14.39 min Scan# 1888

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

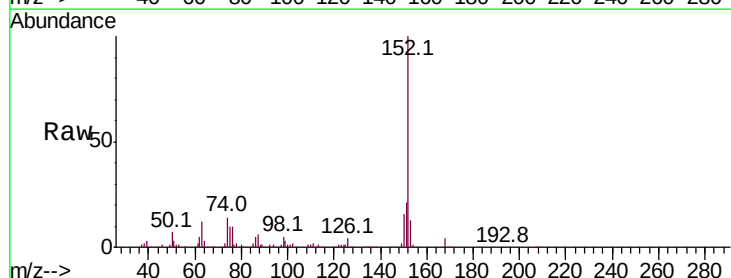
Tgt Ion: 152 Resp: 1475637

Ion Ratio Lower Upper

152 100

151 21.1 15.9 23.9

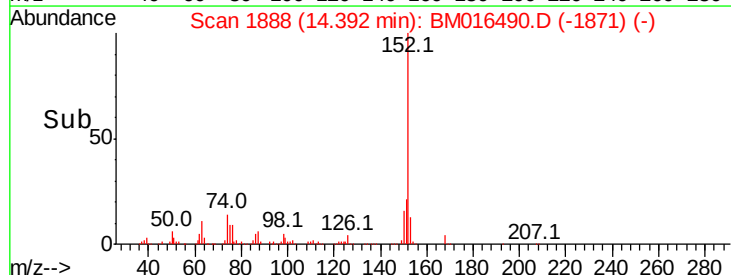
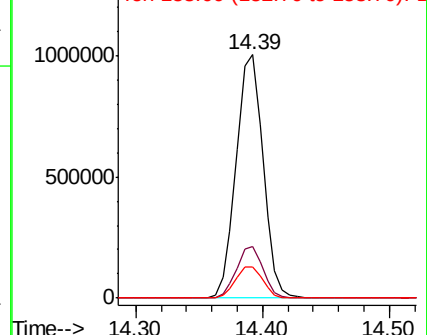
153 12.6 10.6 16.0

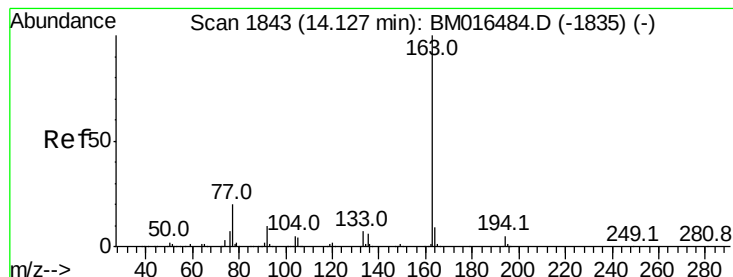


Abundance Ion 152.00 (151.70 to 152.70): BM016484.D (-1880) (-)

Ion 151.00 (150.70 to 151.70): BM016484.D (-1880) (-)

Ion 153.00 (152.70 to 153.70): BM016484.D (-1880) (-)





#49

Dimethylphthalate

Concen: 37.875 ng

RT: 14.13 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

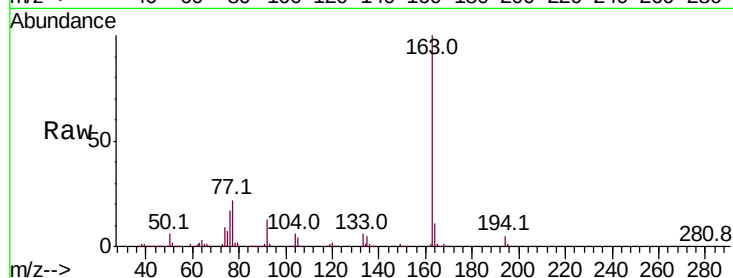
Tot Ion:163 Resp: 1390312

Ion Ratio Lower Upper

163 100

194 5.4 2.7 4.1#

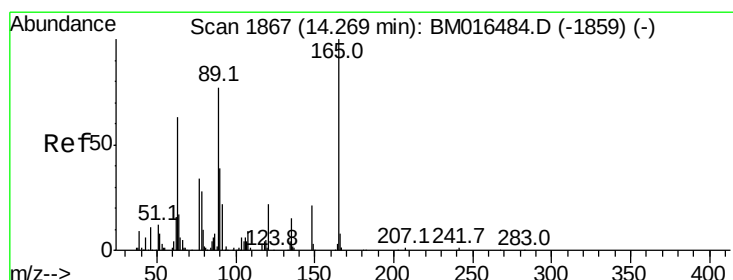
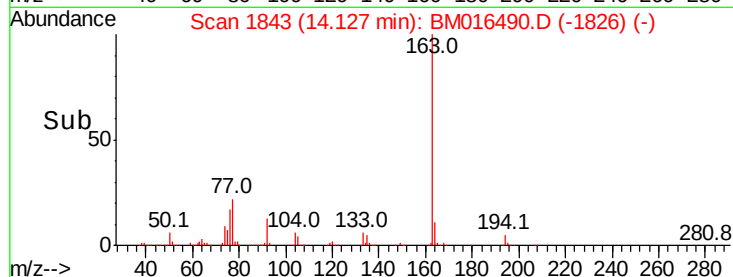
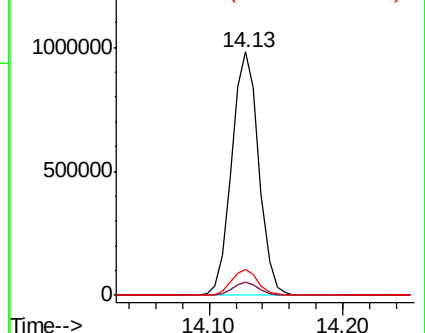
164 10.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.170 ng

RT: 14.27 min Scan# 1867

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

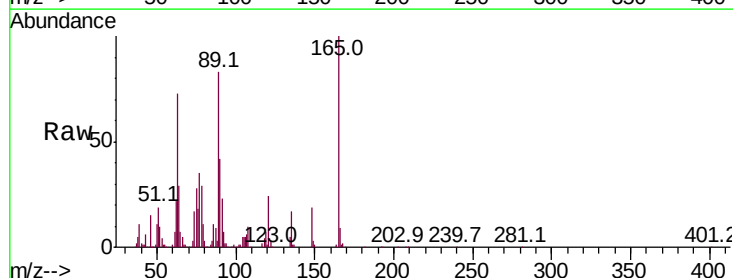
Tgt Ion:165 Resp: 280452

Ion Ratio Lower Upper

165 100

63 73.5 44.1 66.1#

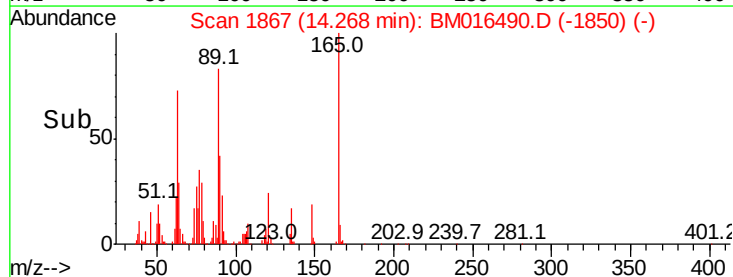
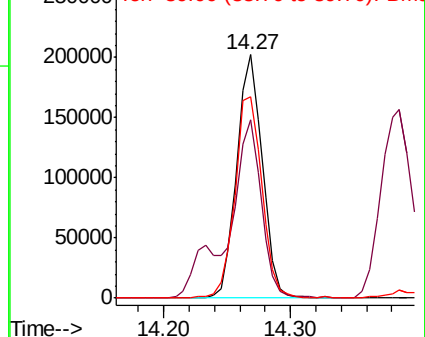
89 82.9 44.3 66.5#

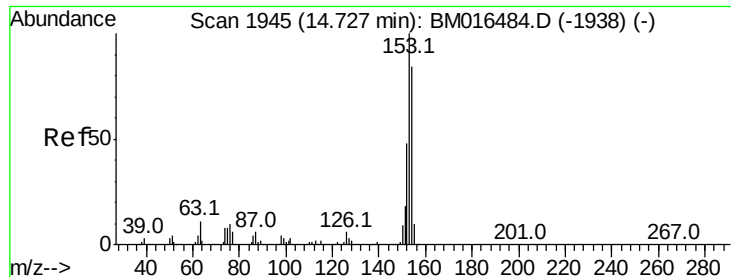


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 38.546 ng

RT: 14.73 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

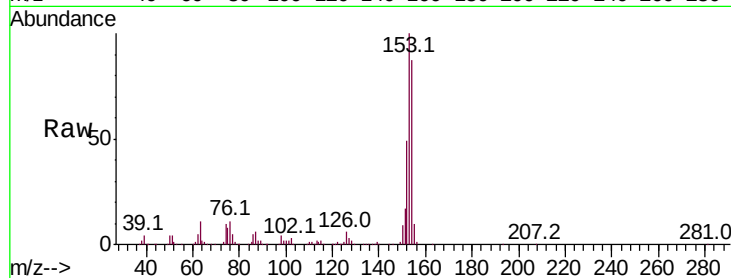
Tot Ion:154 Resp: 909861

Ion Ratio Lower Upper

154 100

153 115.5 90.0 135.0

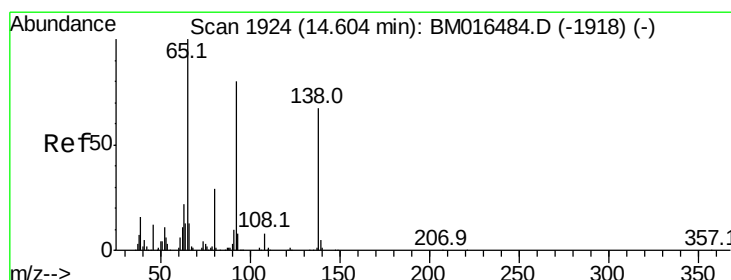
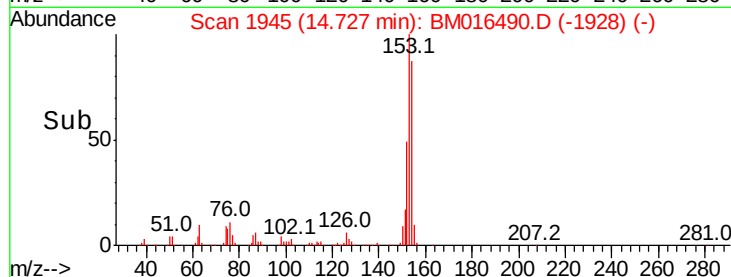
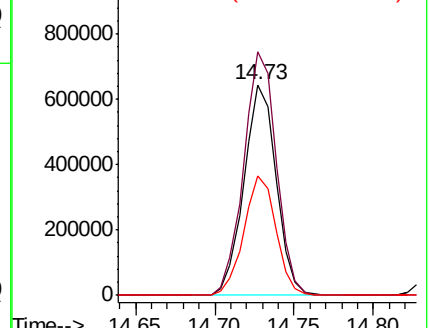
152 56.6 42.6 63.8



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: 37.571 ng

RT: 14.60 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

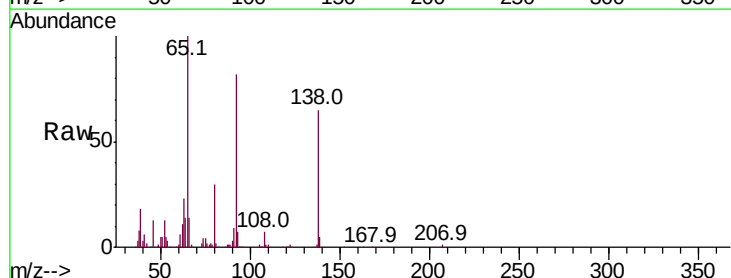
Tgt Ion:138 Resp: 244766

Ion Ratio Lower Upper

138 100

108 10.7 7.3 10.9

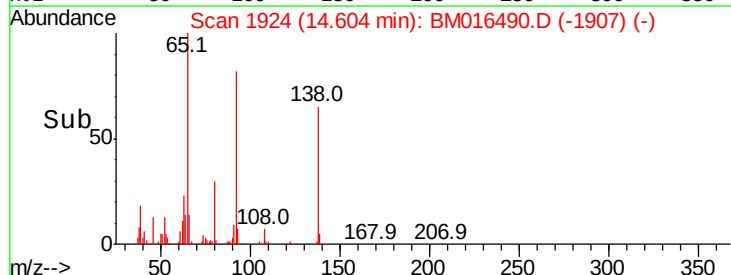
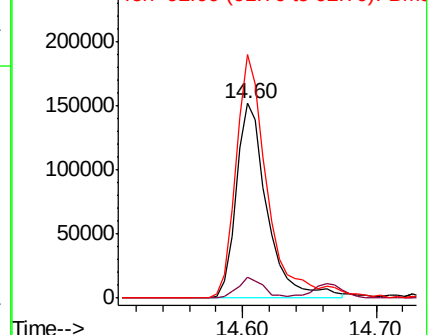
92 125.0 76.6 114.8#

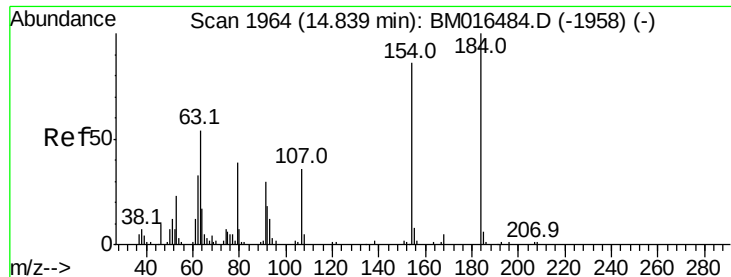


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

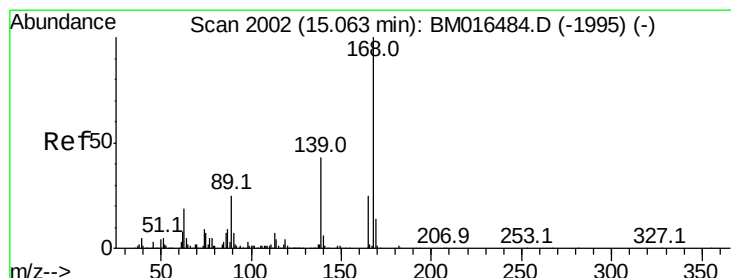
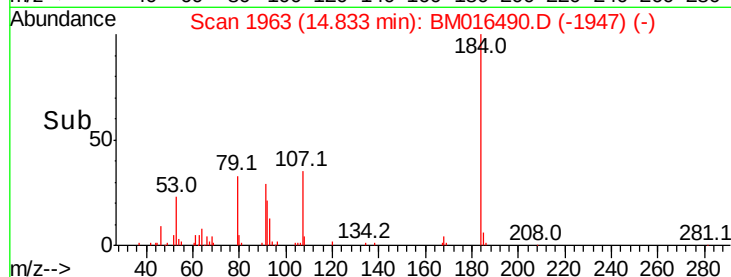
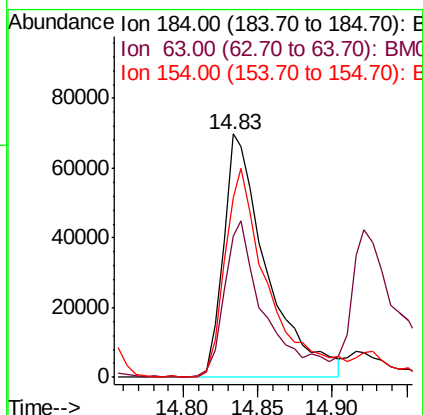
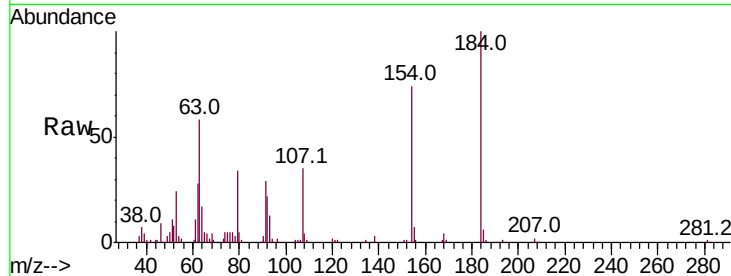




#53  
2,4-Dinitrophenol  
Concen: 39.473 ng  
RT: 14.83 min Scan# 1963  
Delta R.T. -0.01 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

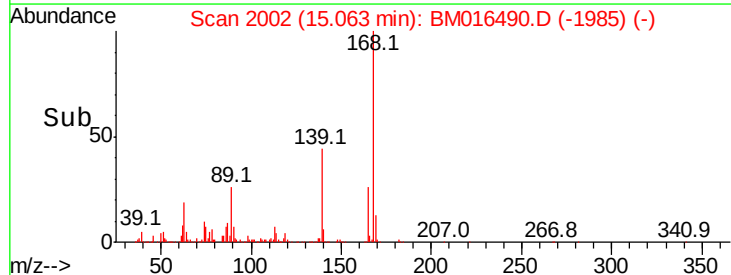
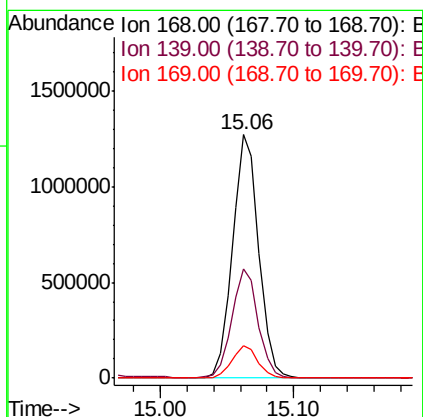
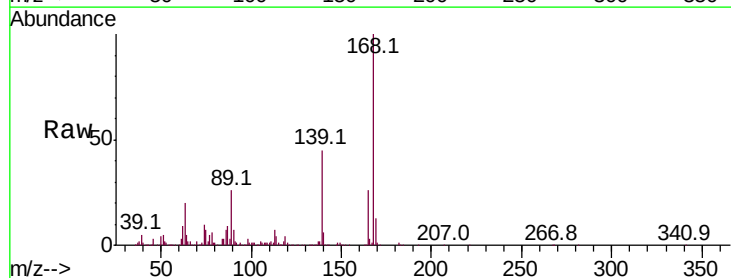
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

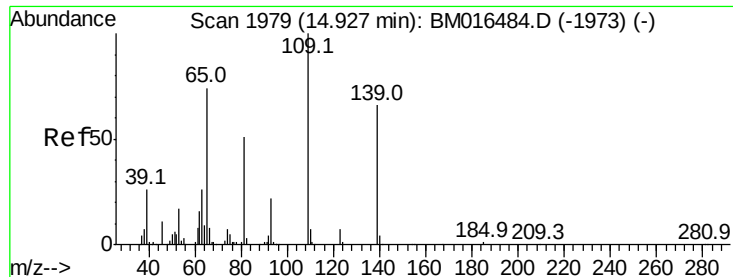
Tot Ion:184 Resp: 141435  
Ion Ratio Lower Upper  
184 100  
63 57.8 69.2 103.8#  
154 74.0 53.3 79.9



#54  
Dibenzofuran  
Concen: 38.328 ng  
RT: 15.06 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

Tgt Ion:168 Resp: 1731918  
Ion Ratio Lower Upper  
168 100  
139 44.9 27.3 40.9#  
169 13.5 10.6 16.0

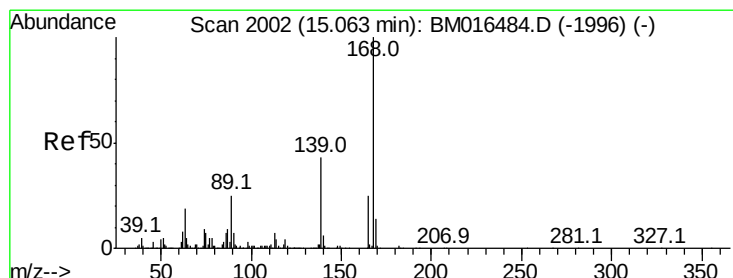
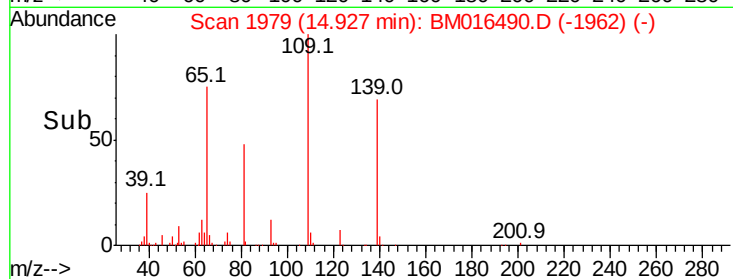
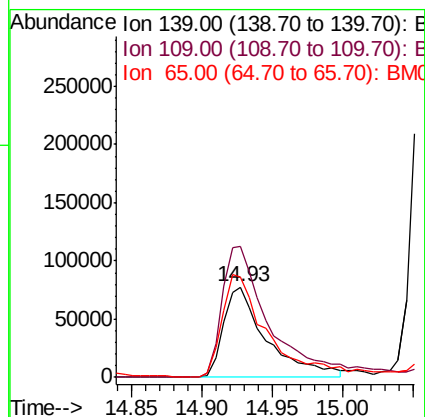
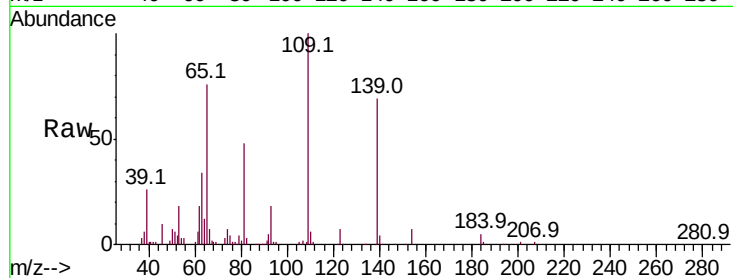




#55  
4-Nitrophenol  
Concen: 39.717 ng  
RT: 14.93 min Scan# 1979  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

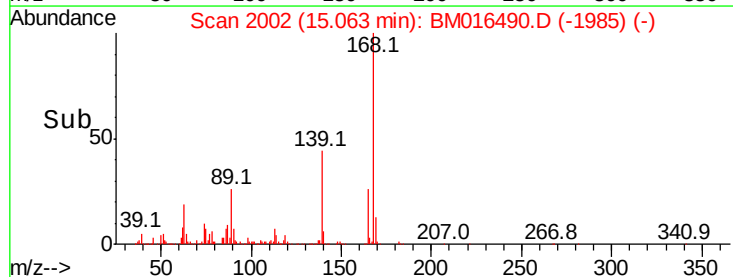
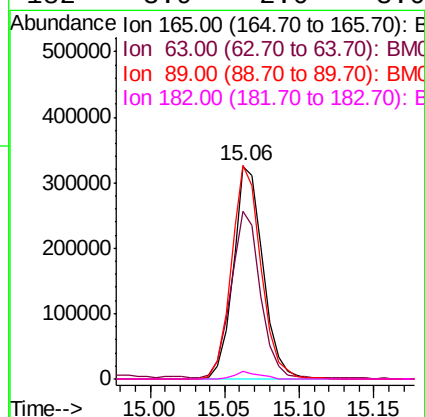
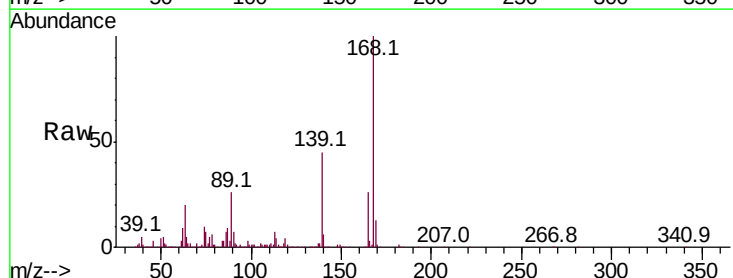
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:139 Resp: 165034  
Ion Ratio Lower Upper  
139 100  
109 145.6 130.0 170.0  
65 111.3 130.0 170.0#

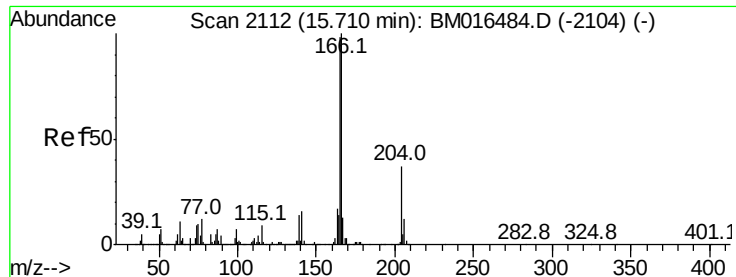


#56  
2,4-Dinitrotoluene  
Concen: 37.576 ng  
RT: 15.06 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

Tgt Ion:165 Resp: 448629  
Ion Ratio Lower Upper  
165 100  
63 78.9 52.4 78.6#  
89 100.3 72.4 108.6  
182 3.9 2.0 3.0#



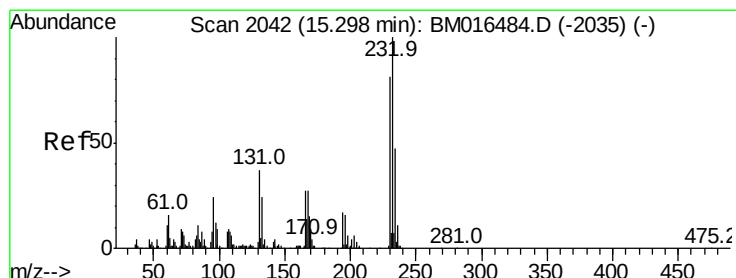
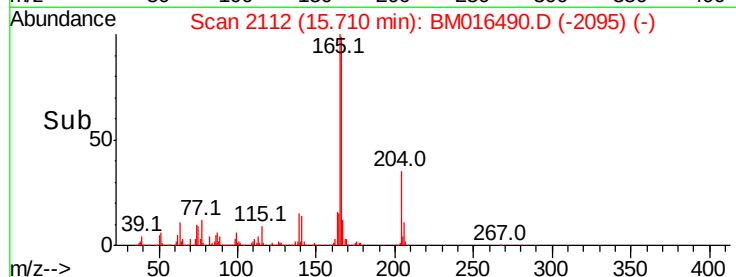
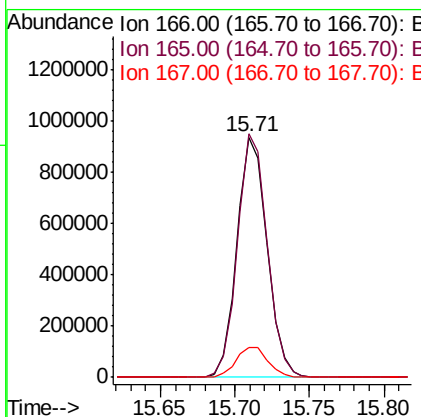
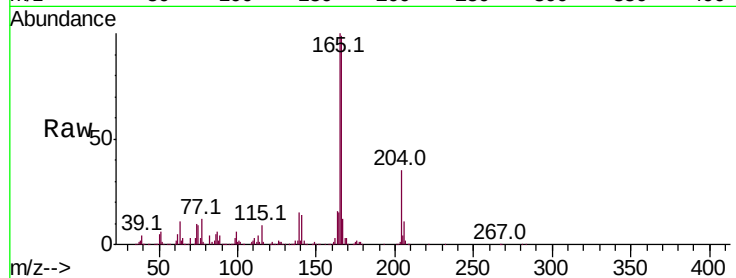




#57  
 Fluorene  
 Concen: 38.384 ng  
 RT: 15.71 min Scan# 2112  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

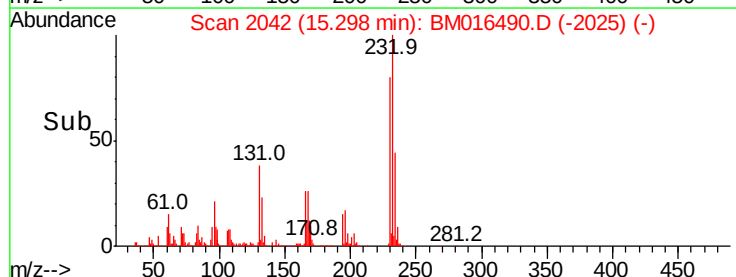
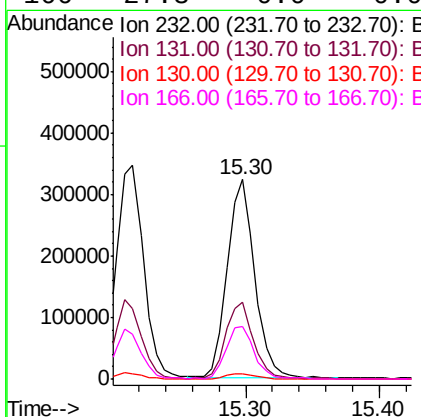
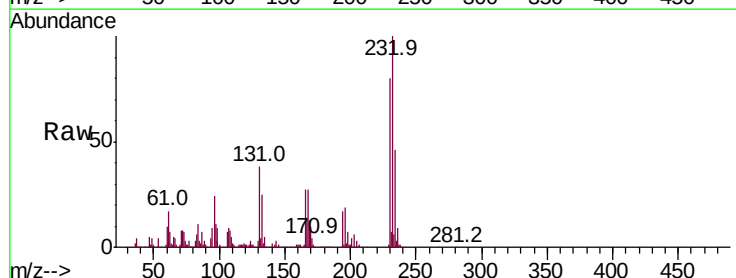
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

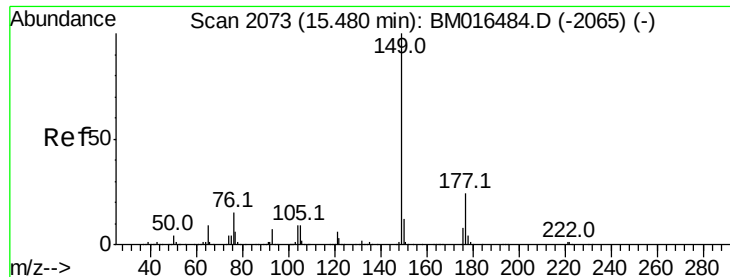
Tot Ion:166 Resp: 1310244  
 Ion Ratio Lower Upper  
 166 100  
 165 101.5 79.0 118.4  
 167 12.5 10.3 15.5



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.306 ng  
 RT: 15.30 min Scan# 2042  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

Tgt Ion:232 Resp: 464084  
 Ion Ratio Lower Upper  
 232 100  
 131 38.4 0.0 0.0#  
 130 3.0 0.0 0.0#  
 166 27.3 0.0 0.0#





#59

Diethylphthalate

Concen: 39.123 ng

RT: 15.48 min Scan# 2073

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

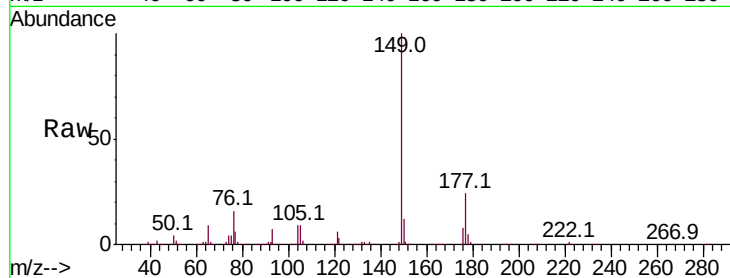
Tot Ion:149 Resp: 1497436

Ion Ratio Lower Upper

149 100

177 24.4 18.3 27.5

150 12.3 9.8 14.8

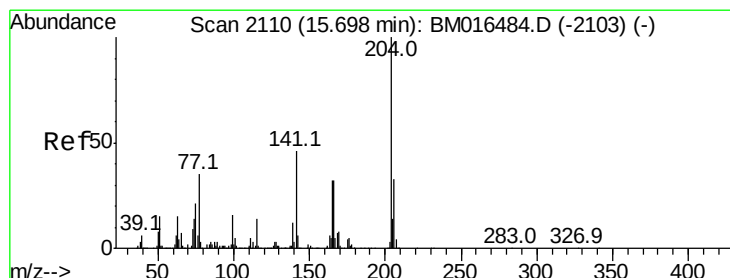
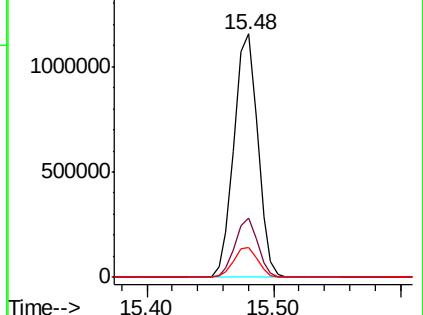
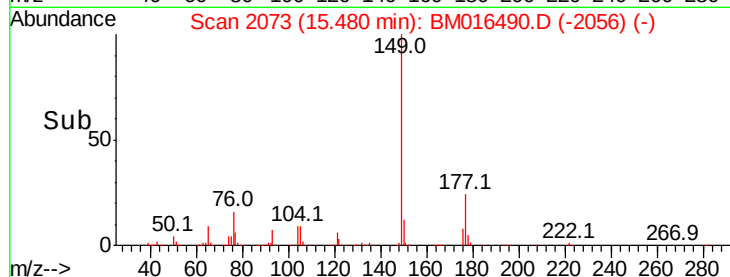


Abundance

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: 38.579 ng

RT: 15.70 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

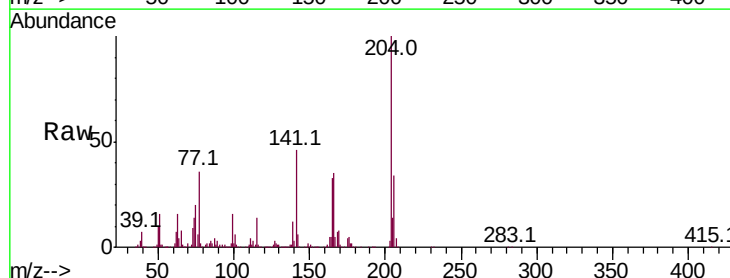
Tgt Ion:204 Resp: 1104358

Ion Ratio Lower Upper

204 100

206 33.6 26.6 39.8

141 46.0 45.2 67.8

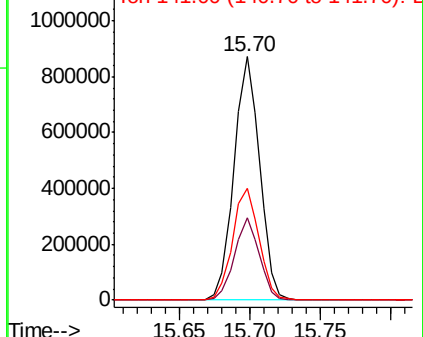
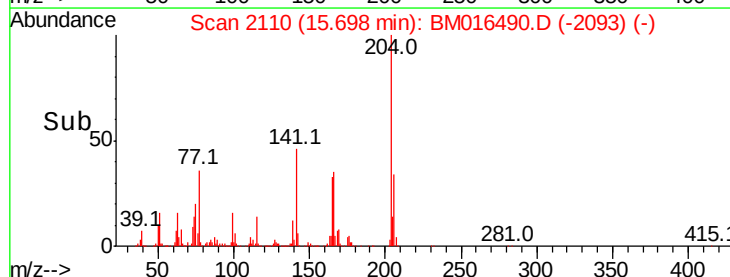


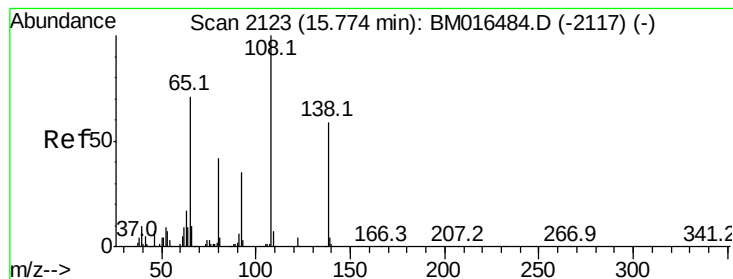
Abundance

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: 40.009 ng

RT: 15.77 min Scan# 2123

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

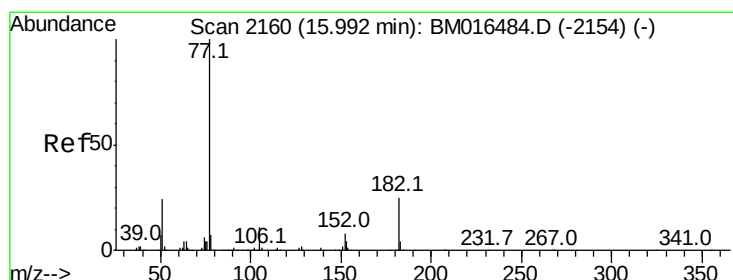
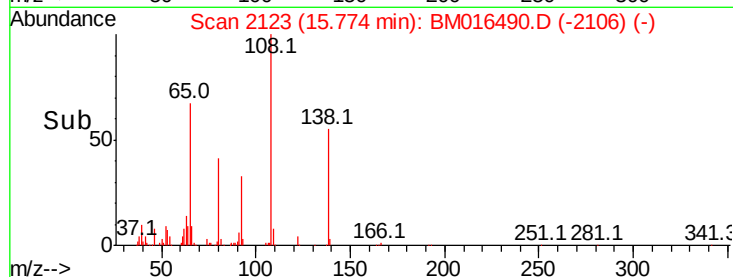
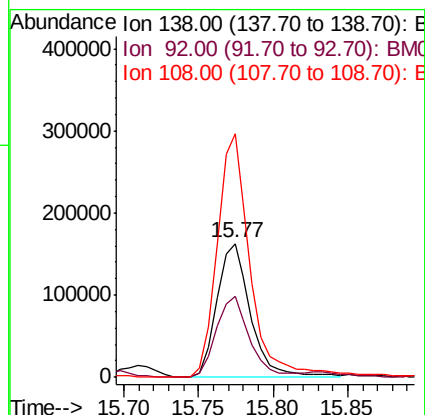
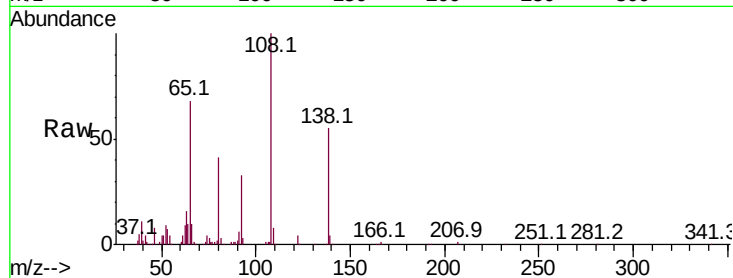
Tot Ion:138 Resp: 254737

Ion Ratio Lower Upper

138 100

92 60.2 16.7 56.7#

108 181.7 37.6 77.6#



#62

Azobenzene

Concen: 40.618 ng

RT: 15.99 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Tgt Ion: 77 Resp: 1655856

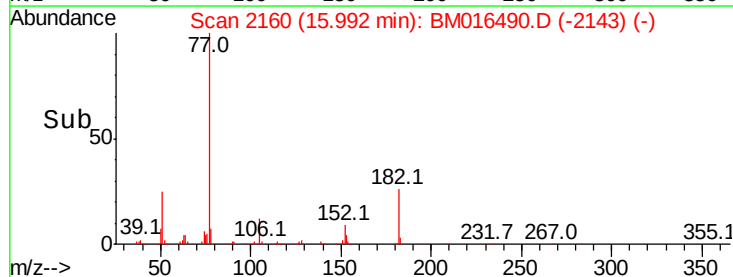
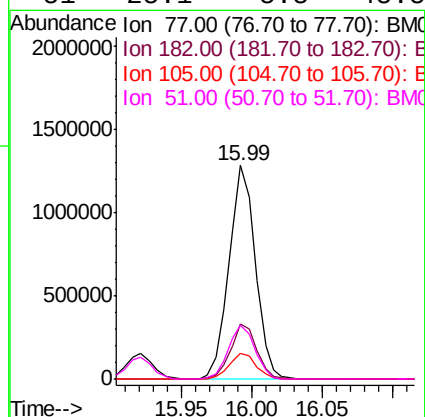
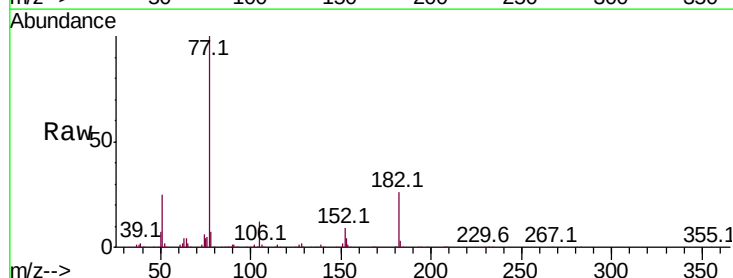
Ion Ratio Lower Upper

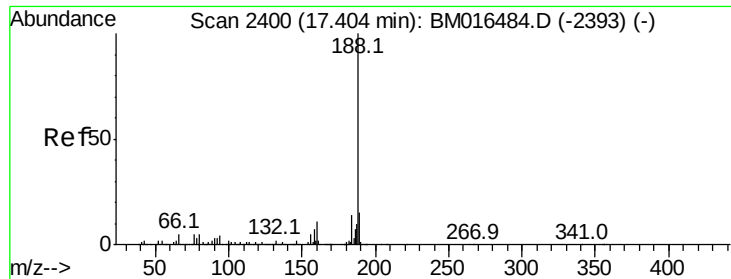
77 100

182 25.7 6.5 46.5

105 11.8 3.8 43.8

51 25.1 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

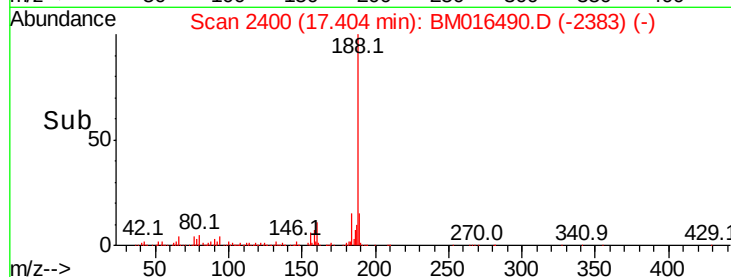
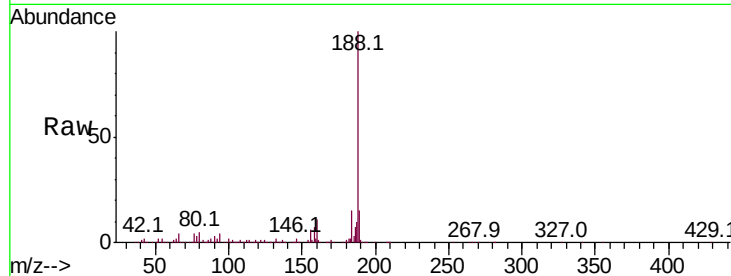
Tot Ion:188 Resp: 1189159

Ion Ratio Lower Upper

188 100

94 4.3 8.7 13.1#

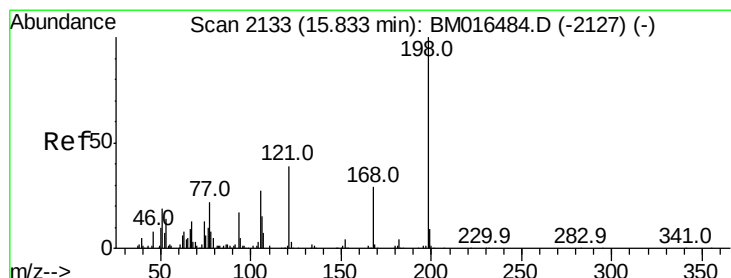
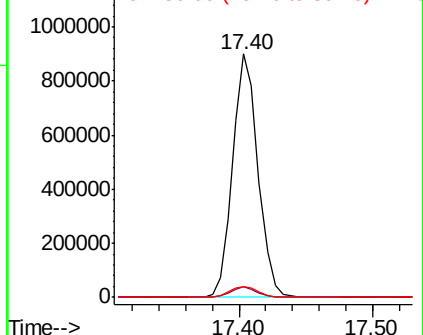
80 4.6 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#64

4,6-Dinitro-2-methylphenol

Concen: 37.026 ng

RT: 15.83 min Scan# 2133

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

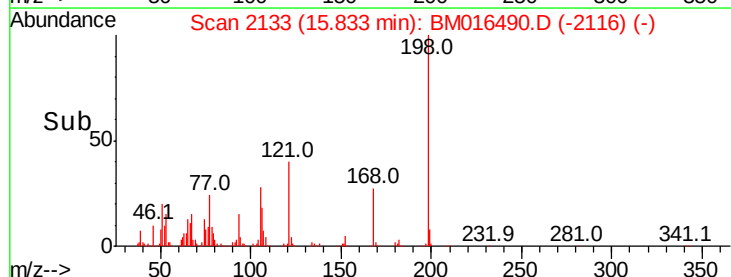
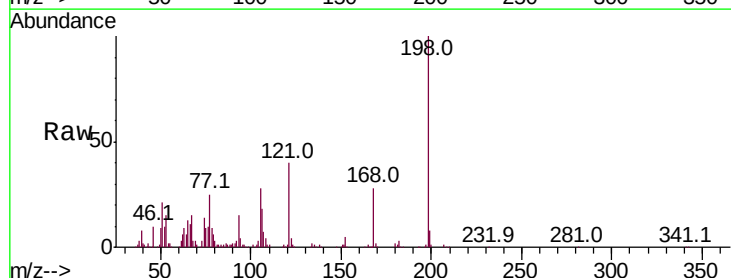
Tgt Ion:198 Resp: 334553

Ion Ratio Lower Upper

198 100

51 21.2 28.8 68.8#

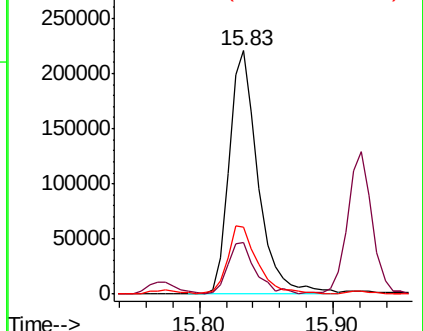
105 27.7 30.5 70.5#

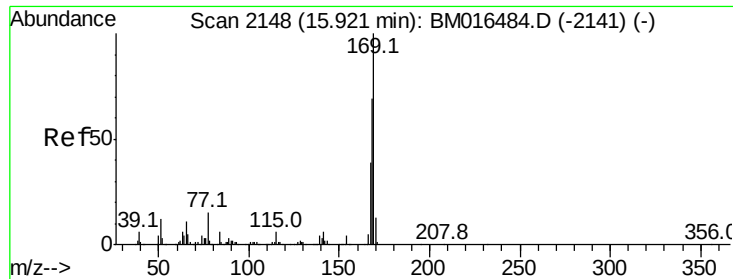


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

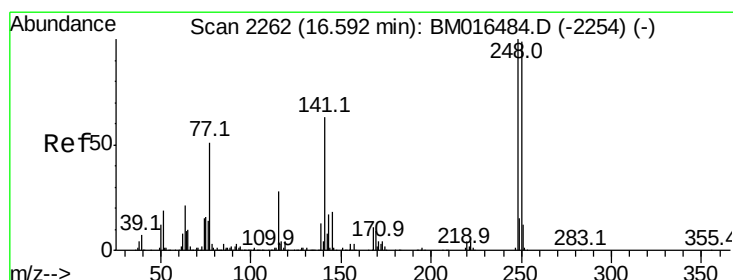
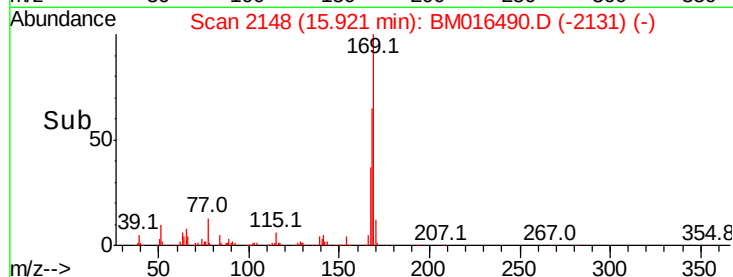
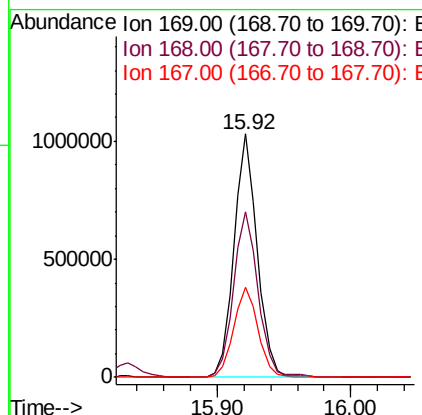
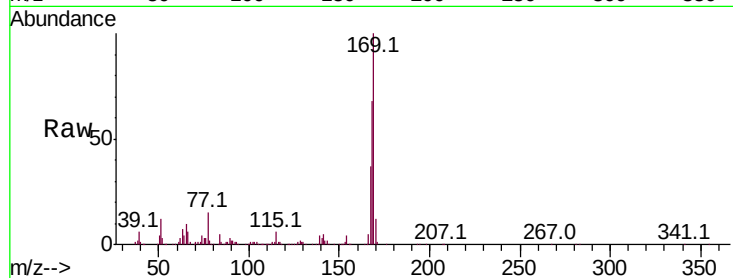




#65  
 n-Nitrosodiphenylamine  
 Concen: 37.444 ng  
 RT: 15.92 min Scan# 2148  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

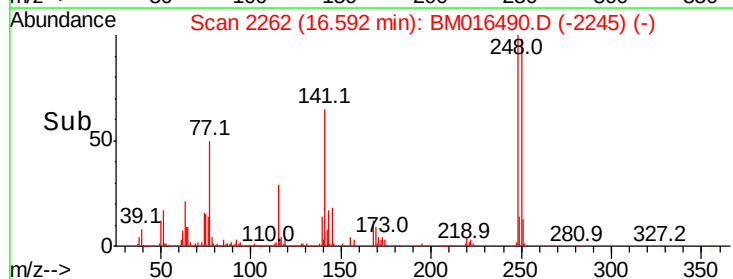
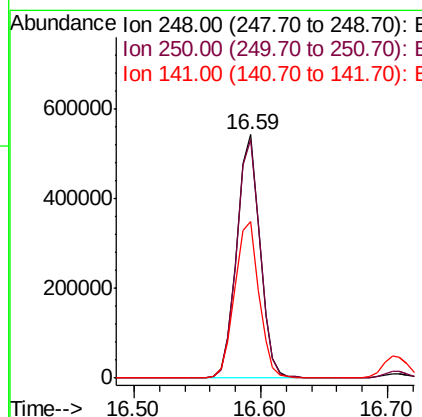
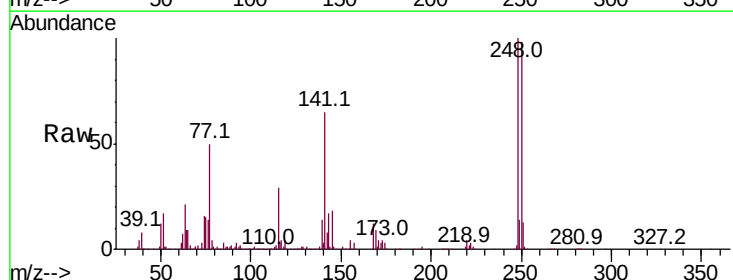
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

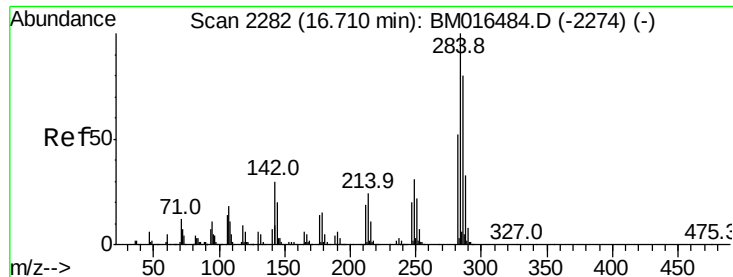
Tot Ion:169 Resp: 1252648  
 Ion Ratio Lower Upper  
 169 100  
 168 68.2 53.9 80.9  
 167 37.0 28.9 43.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 37.410 ng  
 RT: 16.59 min Scan# 2262  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

Tgt Ion:248 Resp: 683553  
 Ion Ratio Lower Upper  
 248 100  
 250 97.9 77.4 116.0  
 141 64.6 45.2 67.8





#67

Hexachlorobenzene

Concen: 38.230 ng

RT: 16.71 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

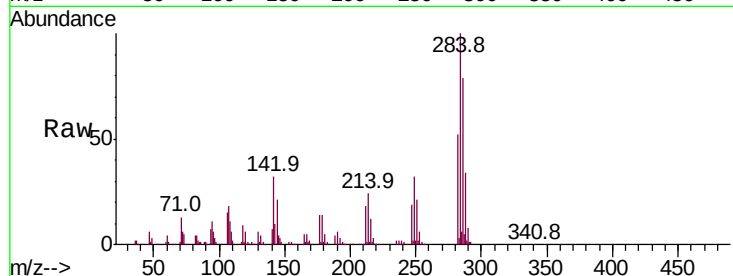
Tot Ion:284 Resp: 814623

Ion Ratio Lower Upper

284 100

142 32.0 20.4 30.6#

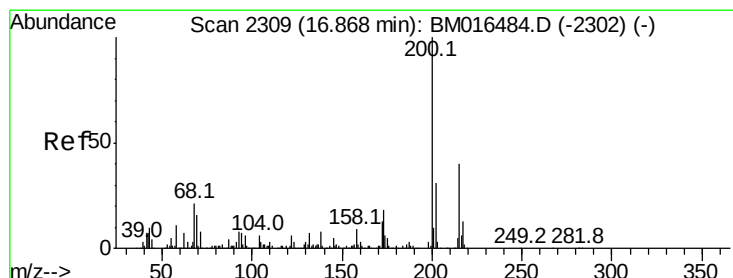
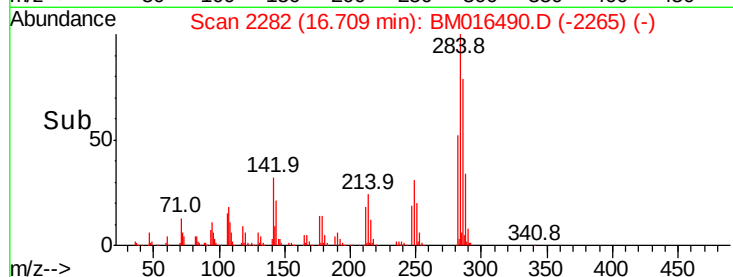
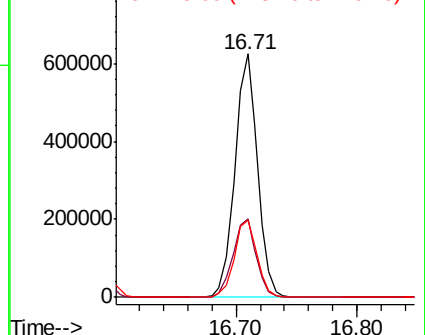
249 31.6 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.582 ng

RT: 16.87 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

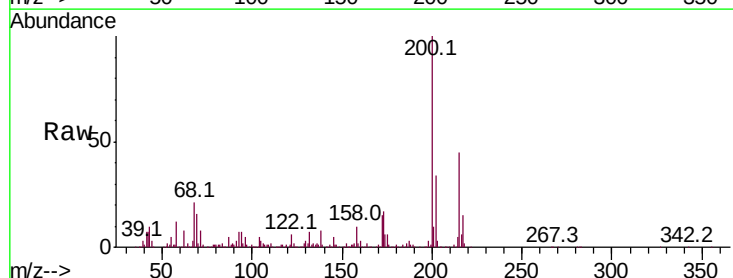
Tgt Ion:200 Resp: 604314

Ion Ratio Lower Upper

200 100

173 16.5 4.8 44.8

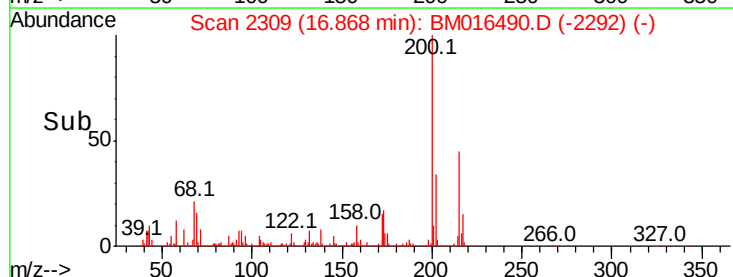
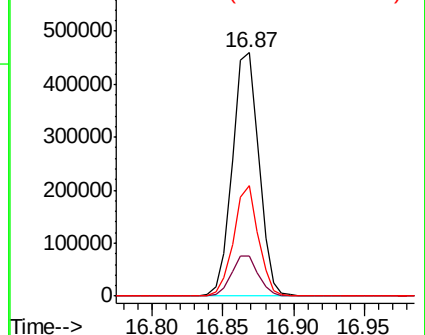
215 45.4 26.9 66.9

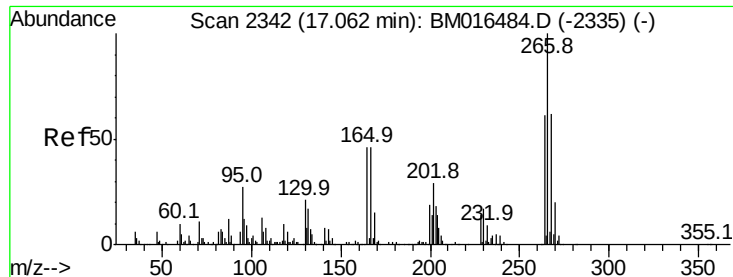


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

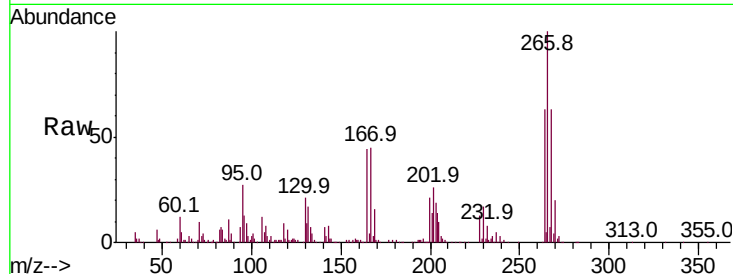




#69  
 Pentachlorophenol  
 Concen: 37.159 ng  
 RT: 17.06 min Scan# 2342  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.6  | 52.0  | 78.0  |
| 264     | 63.4  | 49.0  | 73.4  |

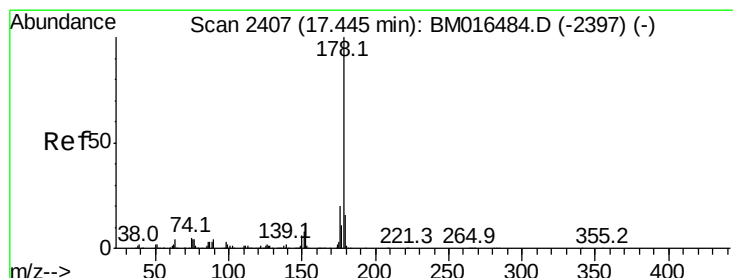
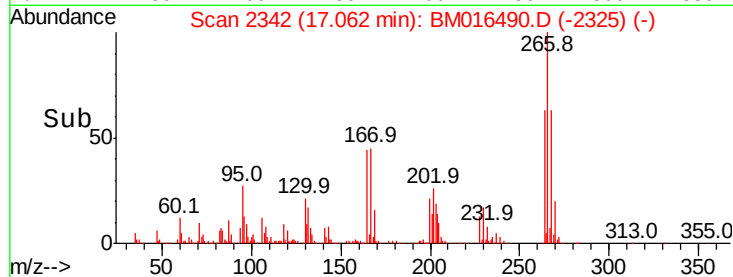
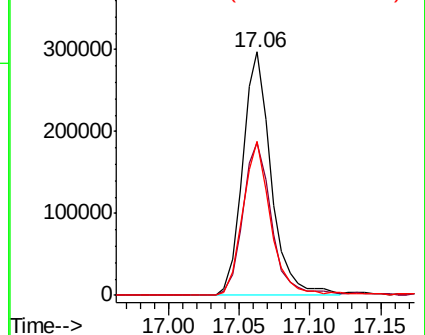


Abundance

Ion 265.70 (265.40 to 266.40): E

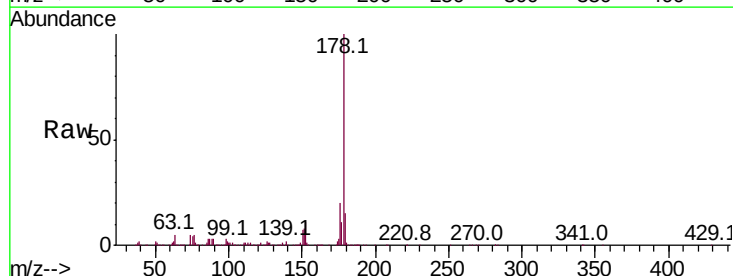
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 37.987 ng  
 RT: 17.44 min Scan# 2407  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.2  | 22.8  |
| 179     | 14.9  | 12.1  | 18.1  |

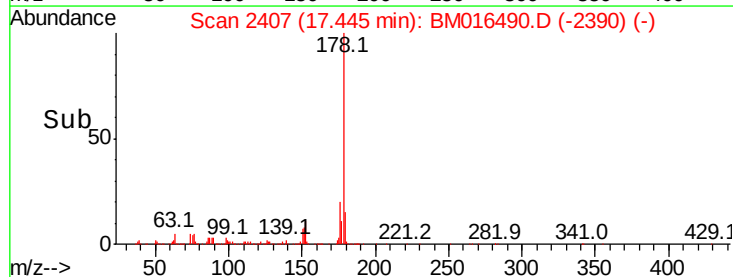
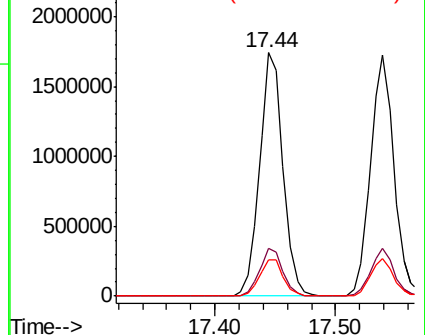


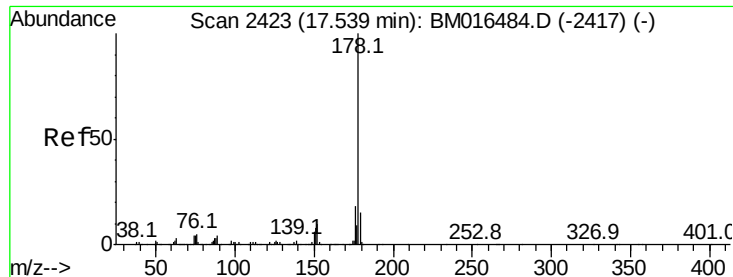
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 38.069 ng

RT: 17.54 min Scan# 2423

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

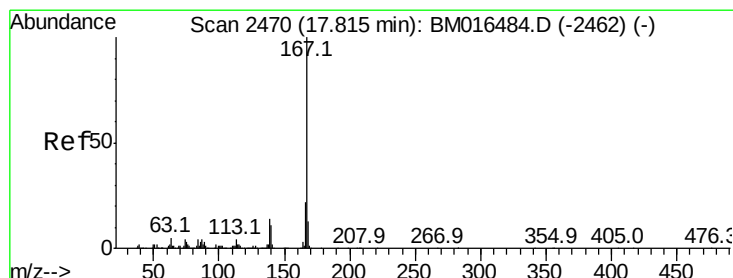
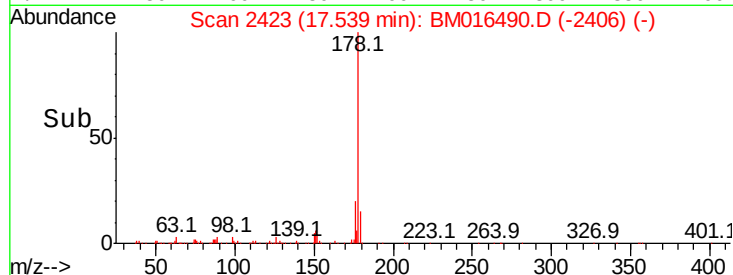
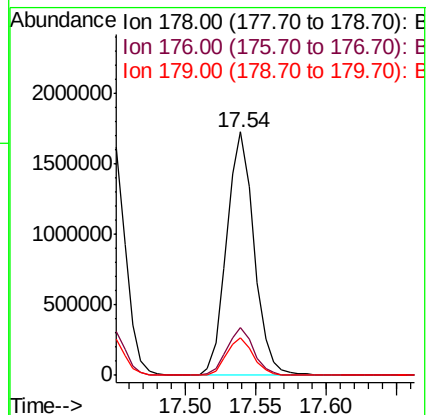
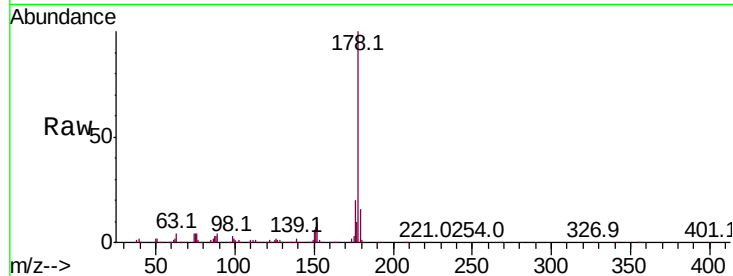
Tot Ion:178 Resp: 2323428

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.7  | 14.6  | 22.0  |
| 179 | 15.6  | 12.6  | 19.0  |

178 100

176 19.7 14.6 22.0

179 15.6 12.6 19.0



#72

Carbazole

Concen: 38.105 ng

RT: 17.82 min Scan# 2470

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

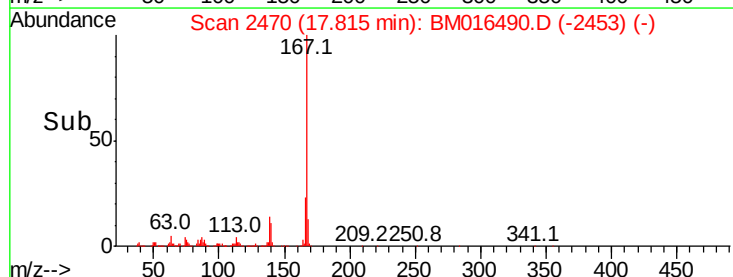
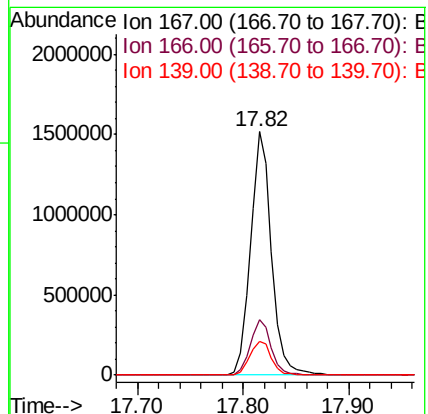
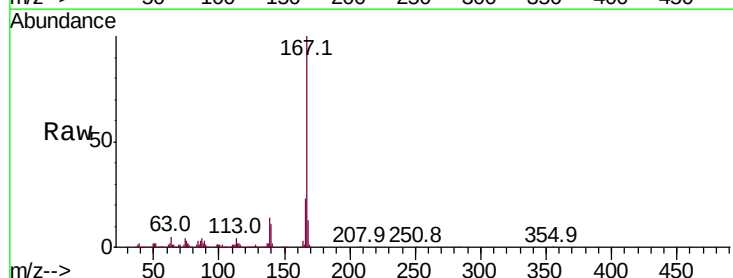
Tgt Ion:167 Resp: 2089995

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.6  | 17.2  | 25.8  |
| 139 | 14.1  | 10.8  | 16.2  |

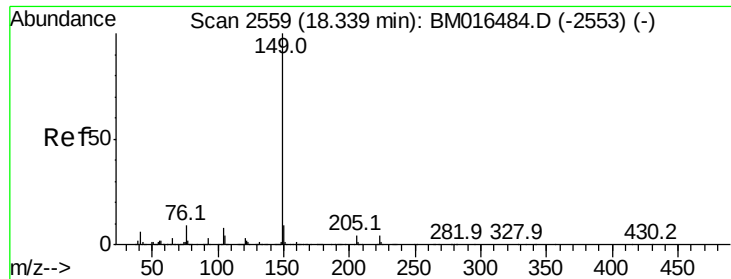
167 100

166 22.6 17.2 25.8

139 14.1 10.8 16.2



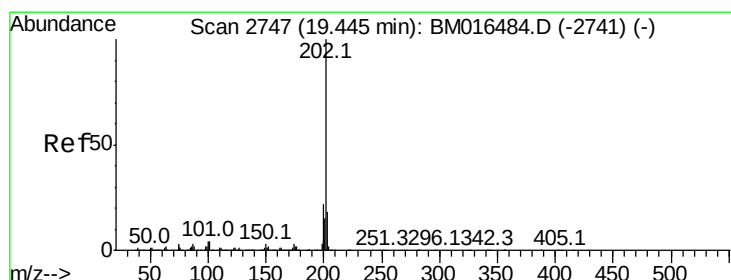
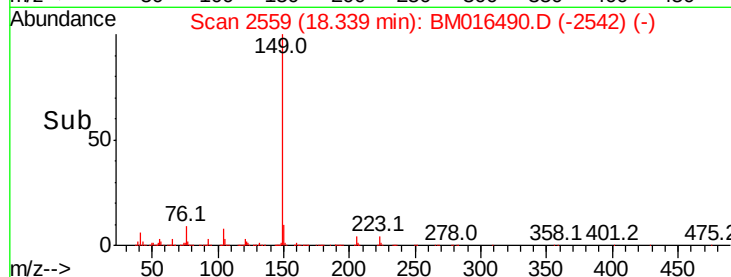
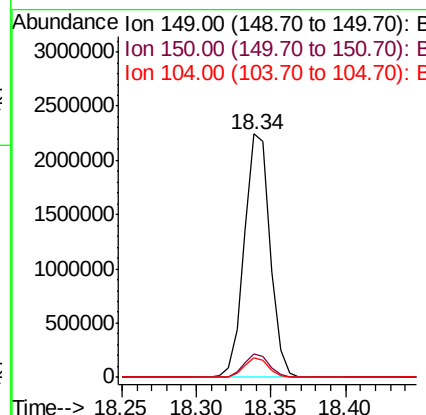
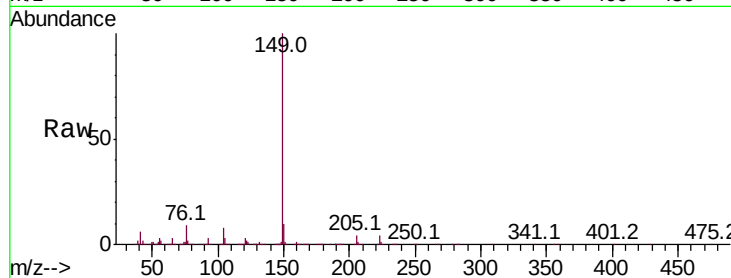




#73  
Di-n-butylphthalate  
Concen: 40.050 ng  
RT: 18.34 min Scan# 2559  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

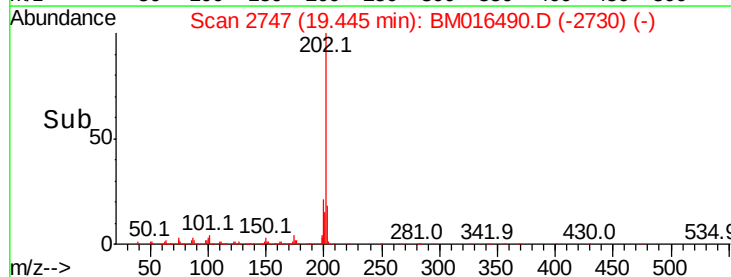
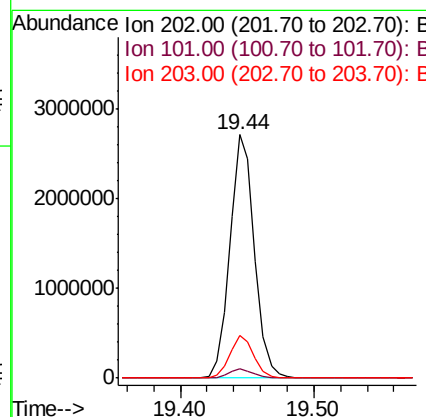
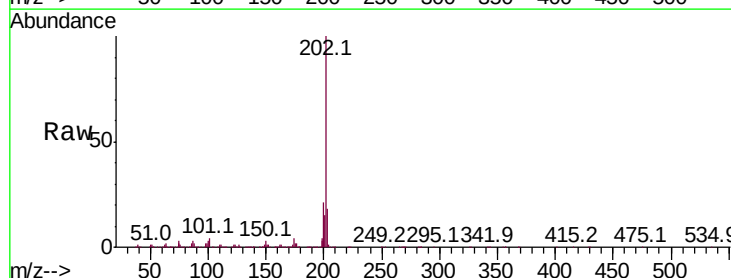
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

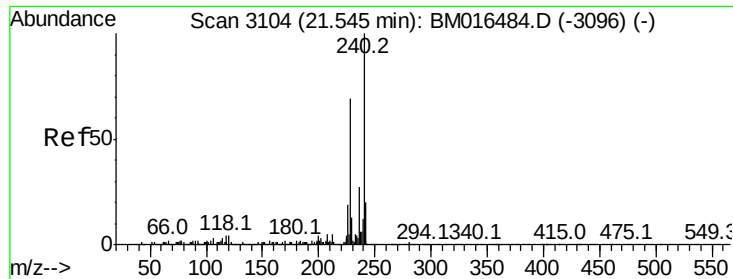
Tot Ion:149 Resp: 2678053  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.5 11.3  
104 7.8 3.7 5.5#



#74  
Fluoranthene  
Concen: 38.621 ng  
RT: 19.44 min Scan# 2747  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

Tgt Ion:202 Resp: 3480453  
Ion Ratio Lower Upper  
202 100  
101 3.8 0.0 28.7  
203 17.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.54 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

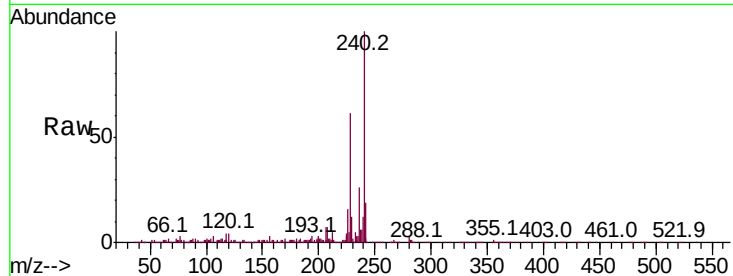
Tot Ion:240 Resp: 1804142

Ion Ratio Lower Upper

240 100

120 4.3 8.2 12.2#

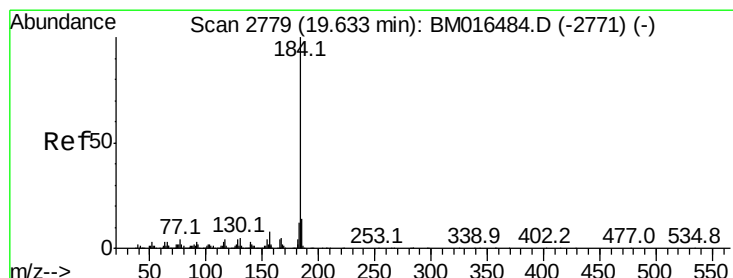
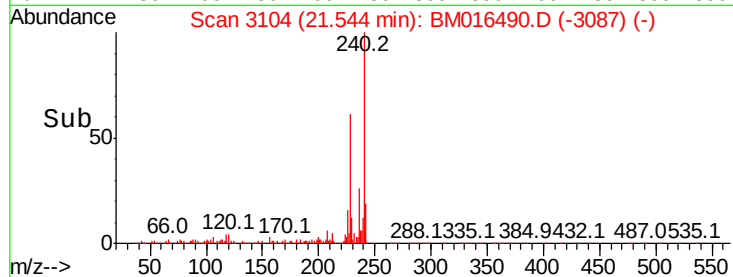
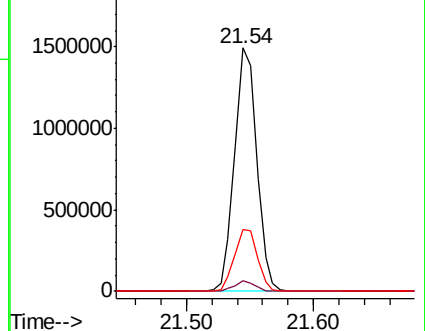
236 25.7 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.067 ng

RT: 19.64 min Scan# 2780

Delta R.T. 0.01 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

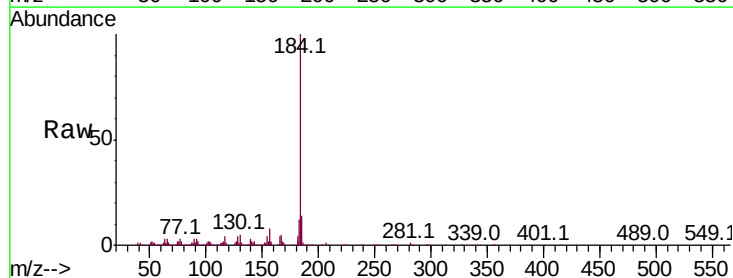
Tgt Ion:184 Resp: 1355439

Ion Ratio Lower Upper

184 100

185 13.7 11.3 16.9

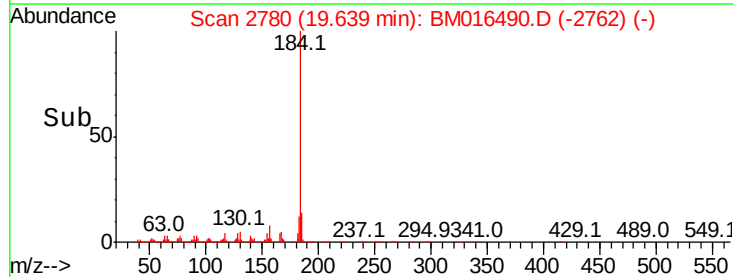
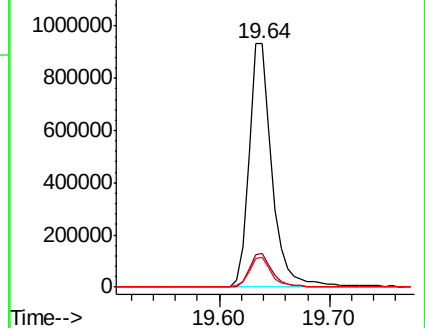
183 12.3 8.9 13.3

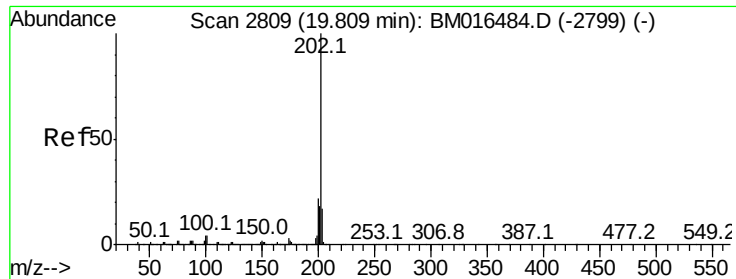


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.383 ng

RT: 19.81 min Scan# 2809

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

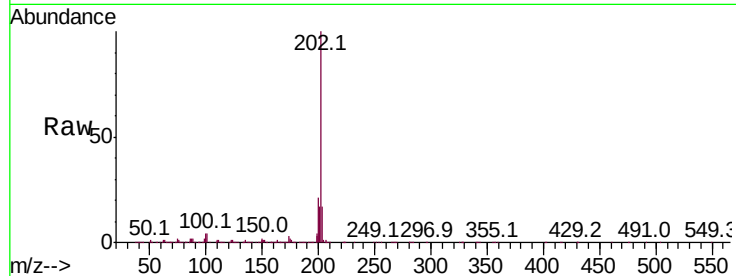
Tot Ion:202 Resp: 3763355

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

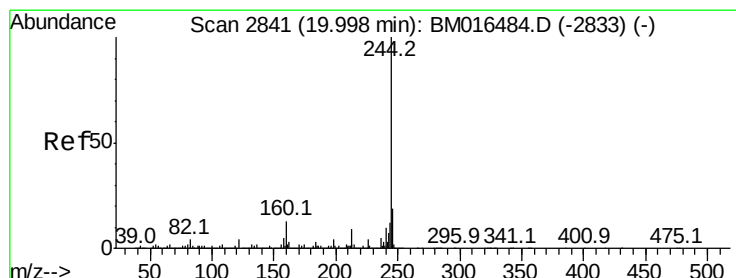
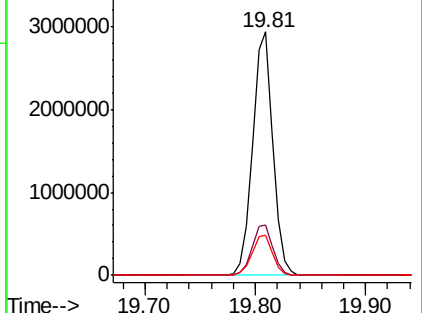
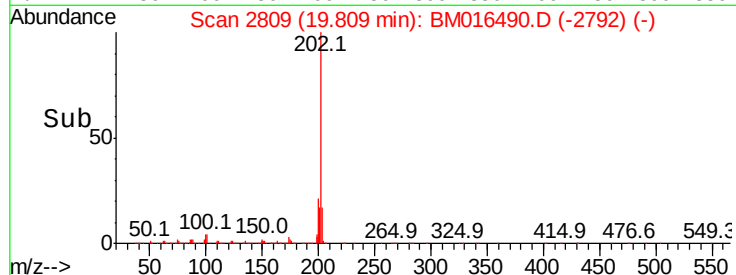
203 16.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 38.383 ng

RT: 20.00 min Scan# 2841

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

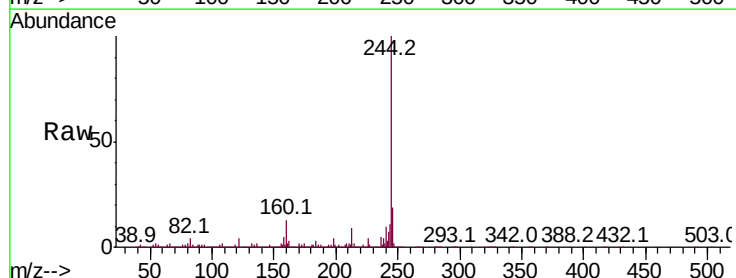
Tgt Ion:244 Resp: 7223799

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

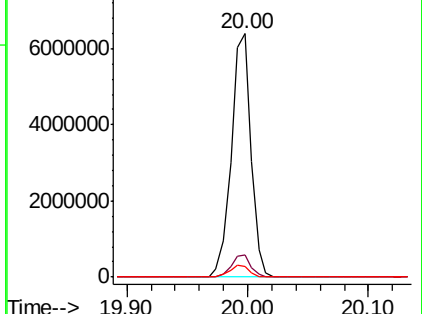
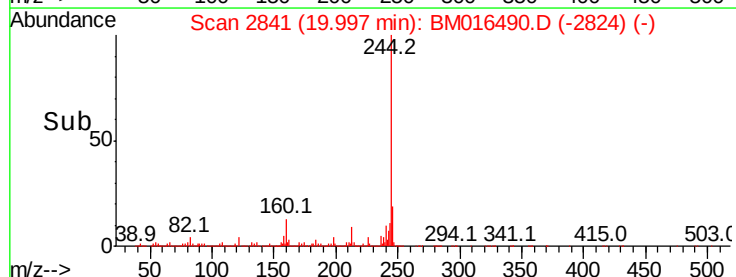
122 4.3 6.2 9.4#

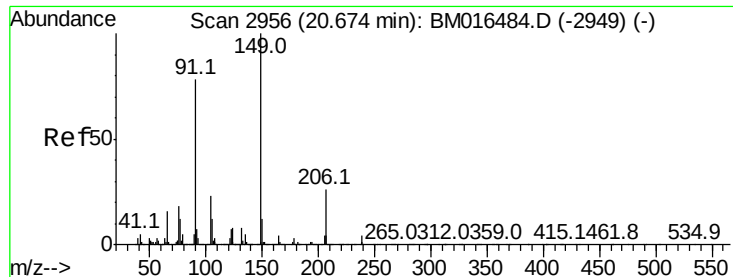


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

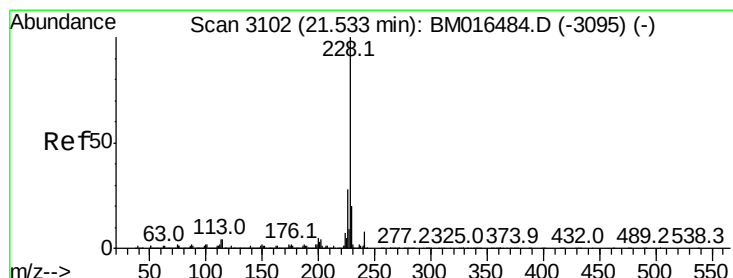
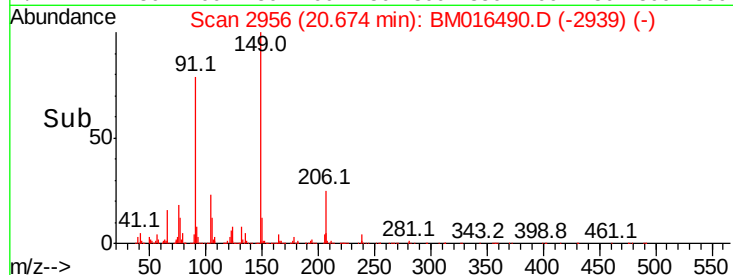
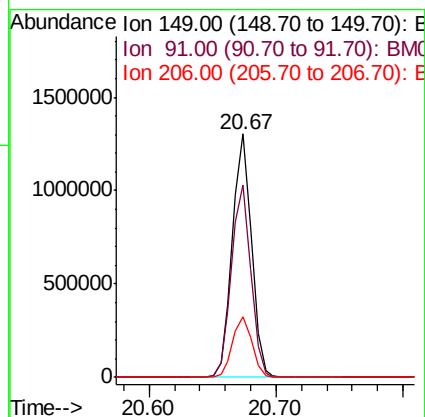
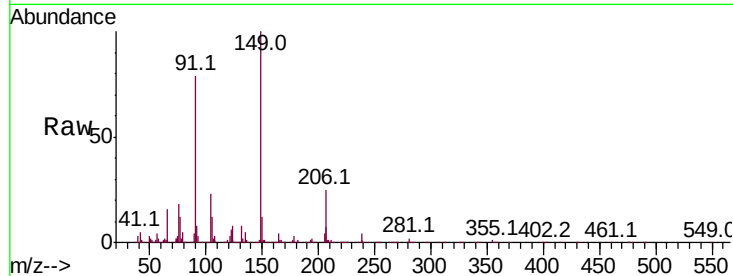




#79  
Butylbenzylphthalate  
Concen: 40.186 ng  
RT: 20.67 min Scan# 2956  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

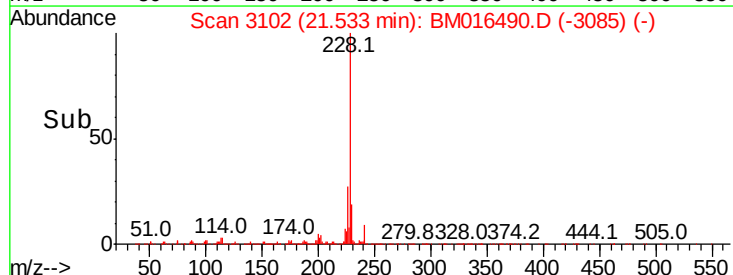
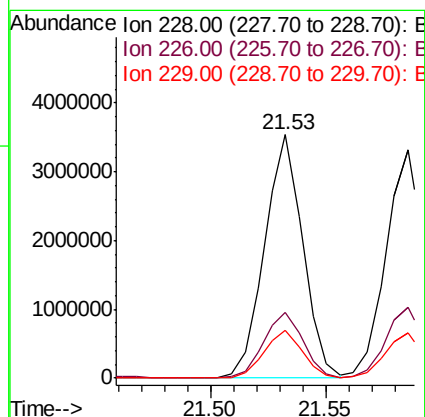
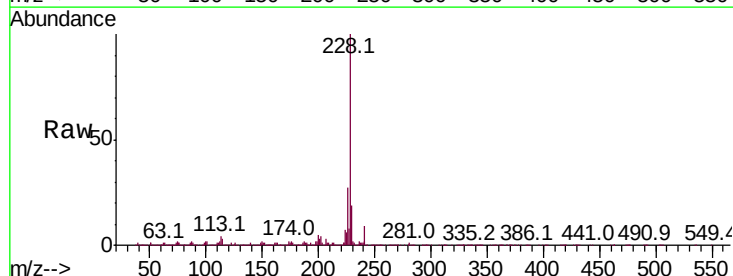
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

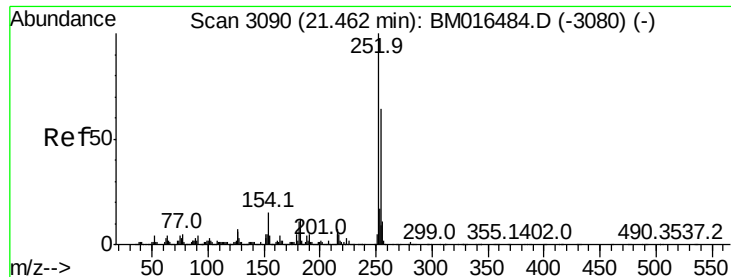
Tot Ion:149 Resp: 1360034  
Ion Ratio Lower Upper  
149 100  
91 78.8 50.1 75.1#  
206 25.0 16.2 24.2#



#80  
Benzo(a)anthracene  
Concen: 38.312 ng  
RT: 21.53 min Scan# 3102  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

Tgt Ion:228 Resp: 4063721  
Ion Ratio Lower Upper  
228 100  
226 27.0 21.7 32.5  
229 19.5 16.0 24.0

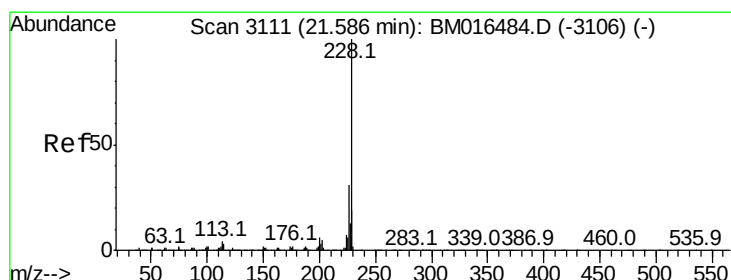
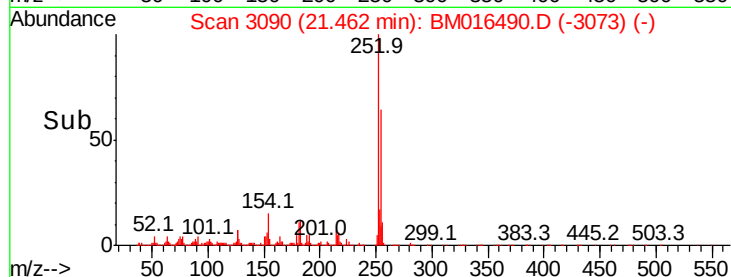
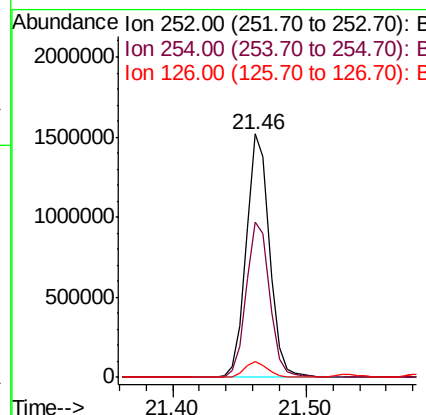
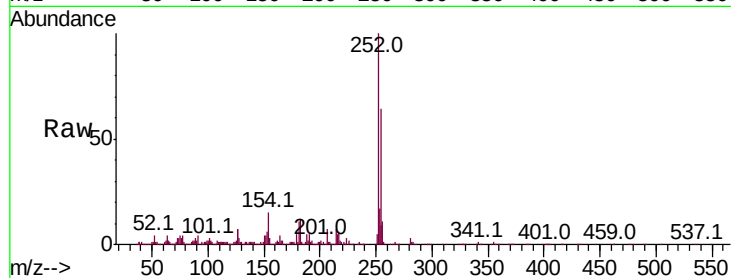




#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.552 ng  
 RT: 21.46 min Scan# 3090  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

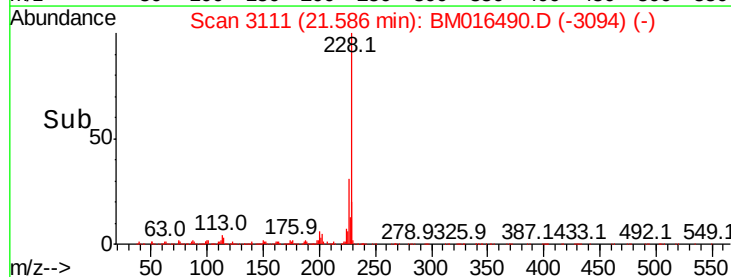
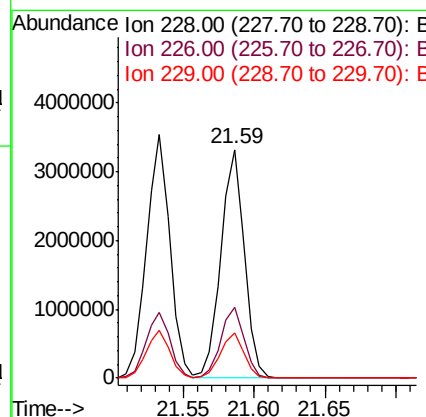
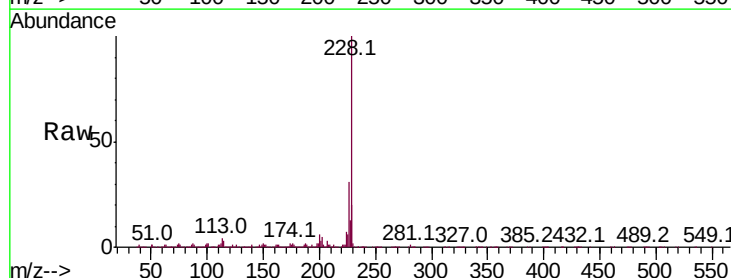
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDC040

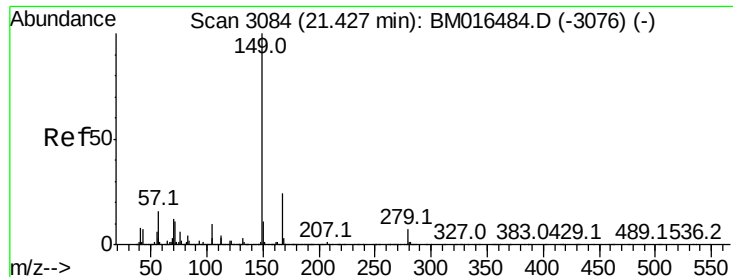
Tot Ion:252 Resp: 1820217  
 Ion Ratio Lower Upper  
 252 100  
 254 64.0 51.9 77.9  
 126 6.5 9.8 14.8#



#82  
 Chrysene  
 Concen: 37.956 ng  
 RT: 21.59 min Scan# 3111  
 Delta R.T. -0.00 min  
 Lab File: BM016490.D  
 Acq: 21 Aug 2018 19:04

Tgt Ion:228 Resp: 3841257  
 Ion Ratio Lower Upper  
 228 100  
 226 31.0 24.1 36.1  
 229 19.8 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.125 ng

RT: 21.43 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

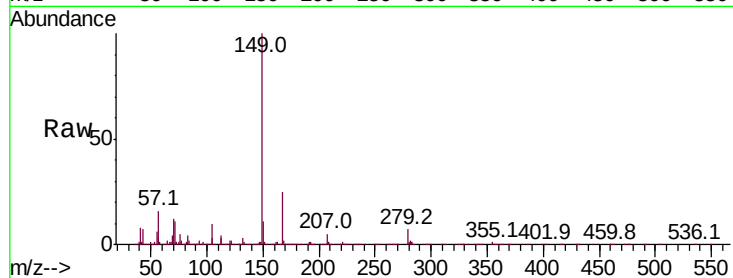
Tot Ion:149 Resp: 2018811

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 24.6  | 22.4  | 33.6  |
| 279 | 7.3   | 3.4   | 5.0   |

149 100

167 24.6 22.4 33.6

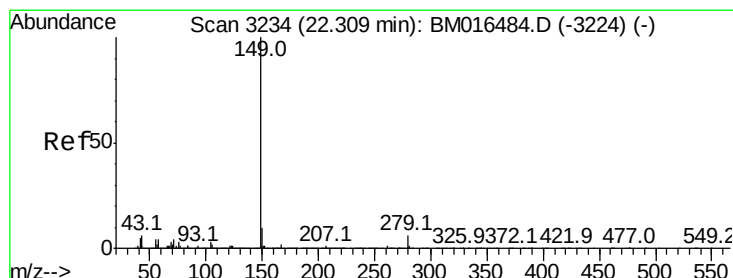
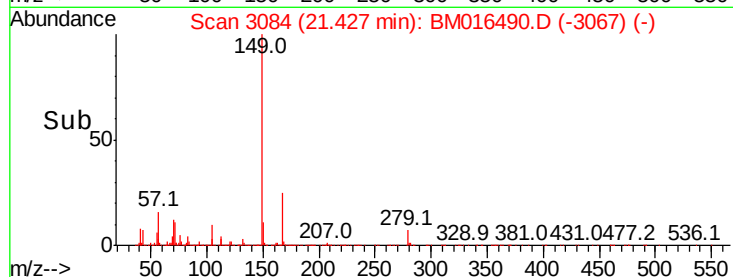
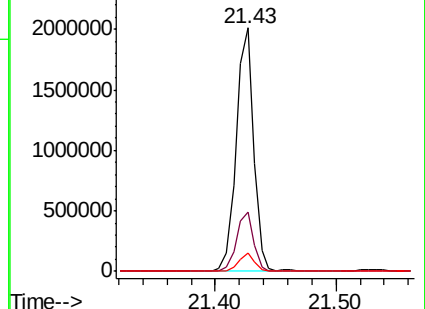
279 7.3 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 40.278 ng

RT: 22.31 min Scan# 3234

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

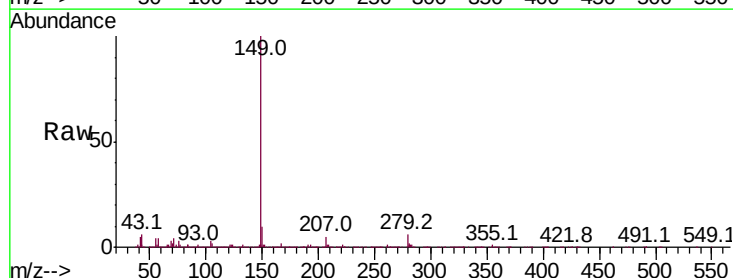
Tgt Ion:149 Resp: 3367661

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 5.9   | 7.3   | 10.9  |

149 100

167 1.6 1.2 1.8

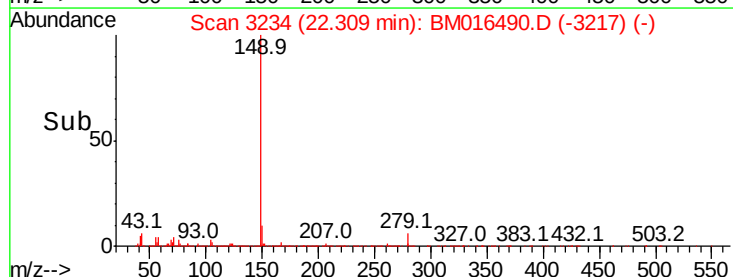
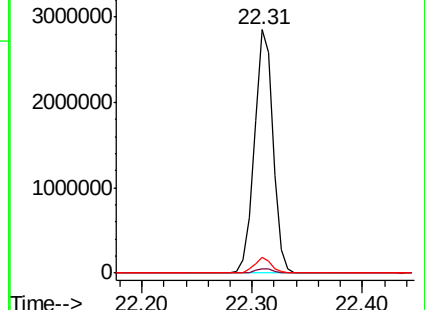
43 5.9 7.3 10.9

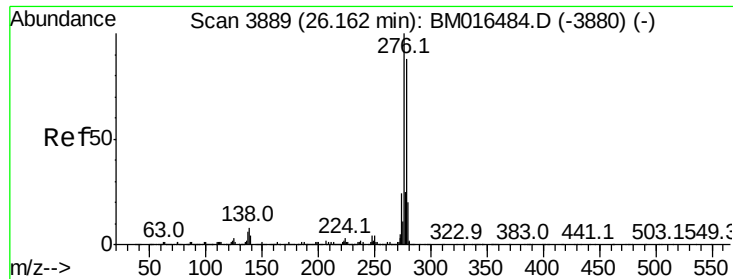


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

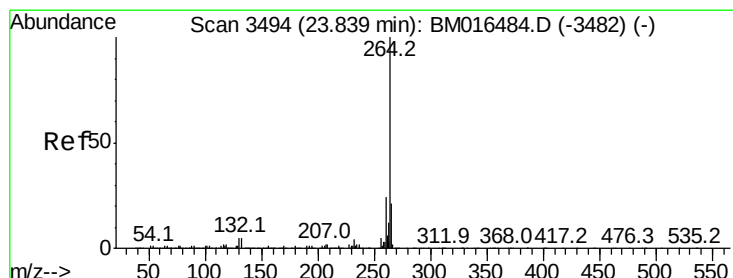
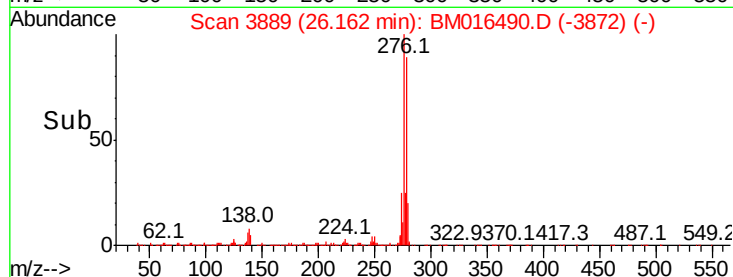
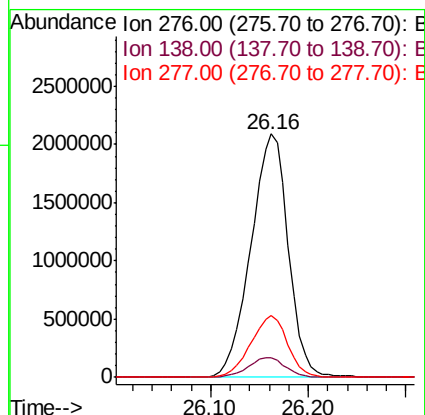
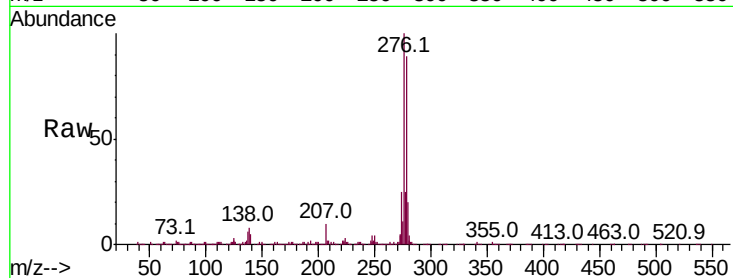




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 38.409 ng  
RT: 26.16 min Scan# 3889  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

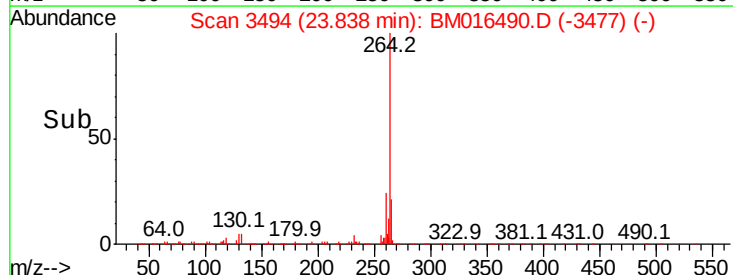
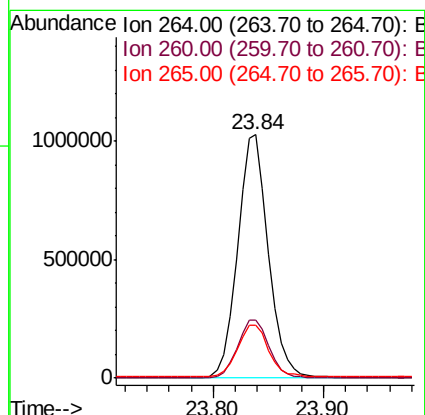
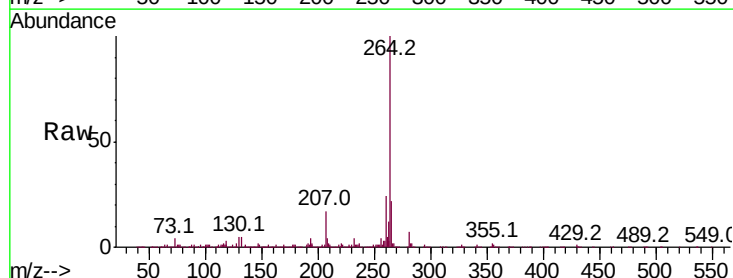
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

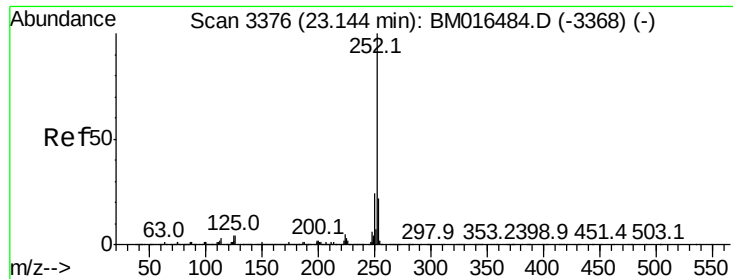
Tot Ion:276 Resp: 5590020  
Ion Ratio Lower Upper  
276 100  
138 8.2 12.0 18.0#  
277 25.2 20.0 30.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.84 min Scan# 3494  
Delta R.T. -0.00 min  
Lab File: BM016490.D  
Acq: 21 Aug 2018 19:04

Tgt Ion:264 Resp: 2002374  
Ion Ratio Lower Upper  
264 100  
260 24.1 18.6 27.8  
265 21.5 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 38.270 ng

RT: 23.14 min Scan# 3376

Delta R.T. -0.00 min

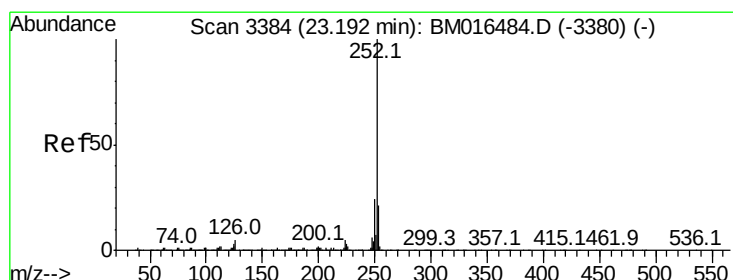
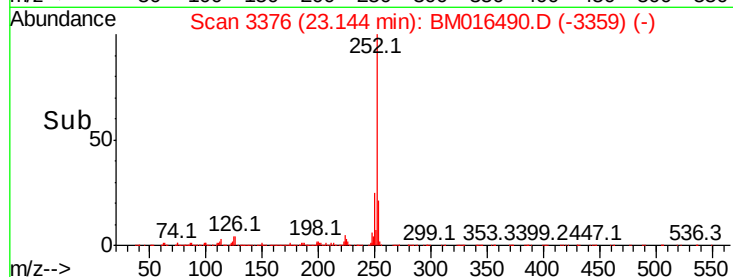
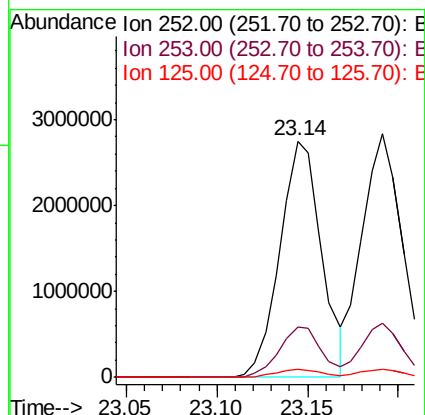
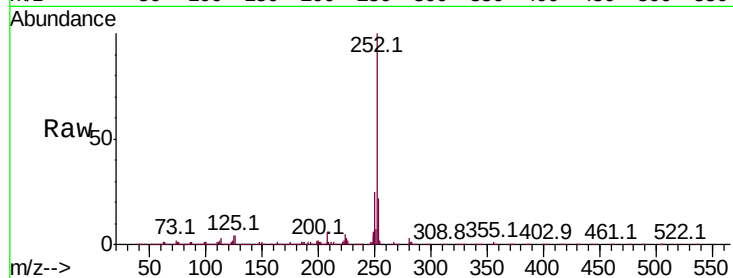
Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 4417367

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.6  | 18.0  | 27.0  |
| 125 | 3.6   | 9.9   | 14.9# |



#88

Benzo(k)fluoranthene

Concen: 37.749 ng

RT: 23.19 min Scan# 3384

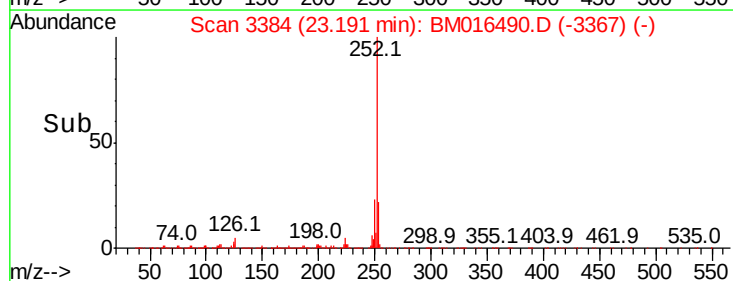
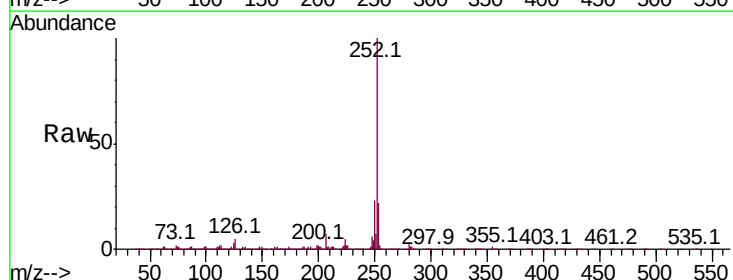
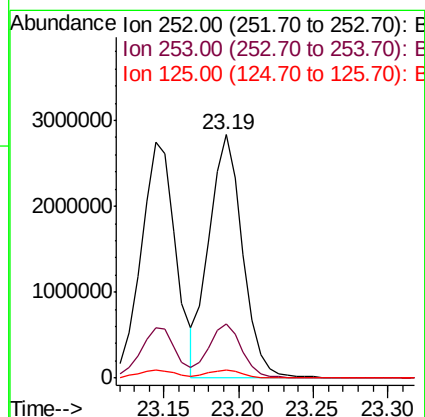
Delta R.T. -0.00 min

Lab File: BM016490.D

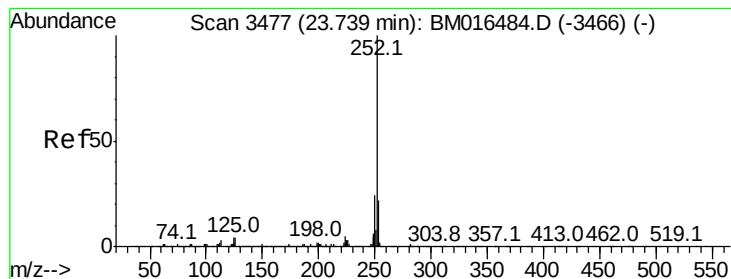
Acq: 21 Aug 2018 19:04

Tgt Ion:252 Resp: 4433517

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.2  | 25.8  |
| 125 | 3.4   | 8.1   | 12.1# |







#89

Benzo(a)pyrene

Concen: 37.931 ng

RT: 23.74 min Scan# 3477

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

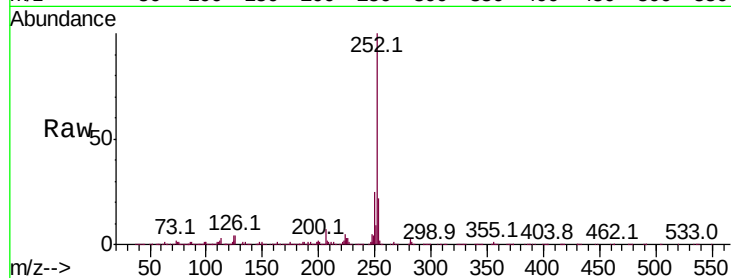
Tot Ion:252 Resp: 4260110

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.6  | 26.4  |
| 125 | 3.6   | 7.4   | 11.2  |

252 100

253 22.0 17.6 26.4

125 3.6 7.4 11.2

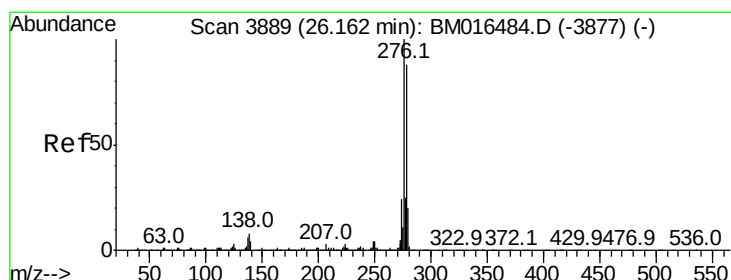
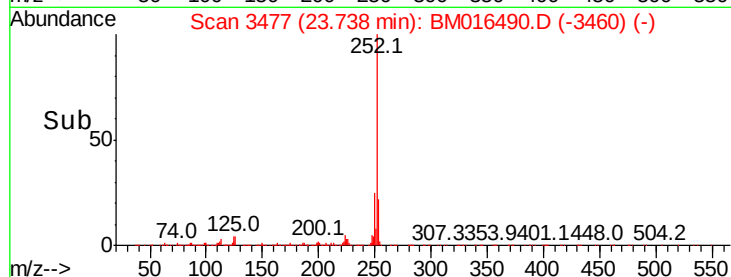
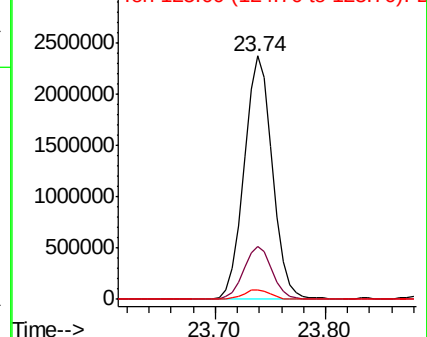


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.023 ng

RT: 26.16 min Scan# 3889

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

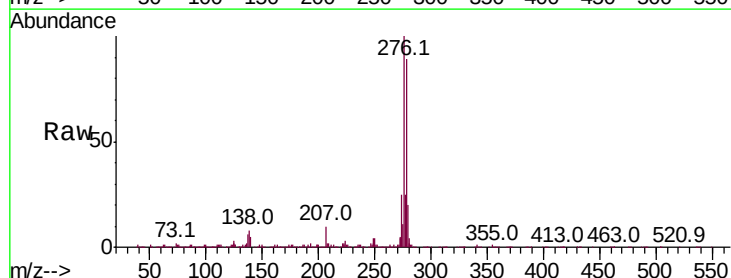
Tgt Ion:278 Resp: 4785992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 5.2   | 13.4  | 20.0  |
| 279 | 22.3  | 19.0  | 28.4  |

278 100

139 5.2 13.4 20.0

279 22.3 19.0 28.4

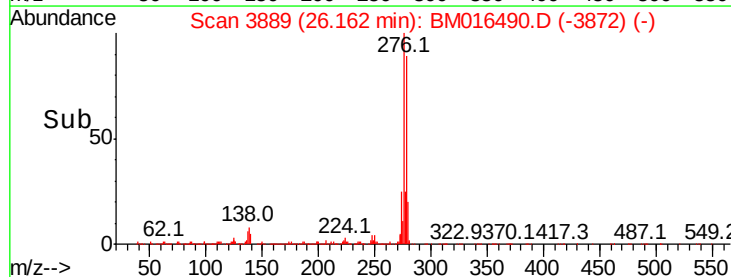
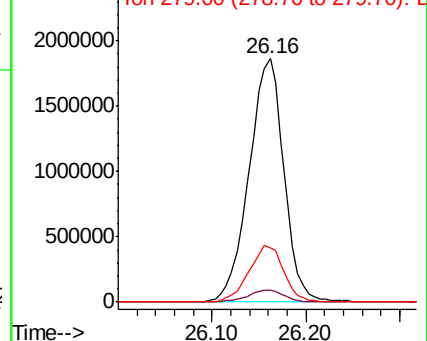


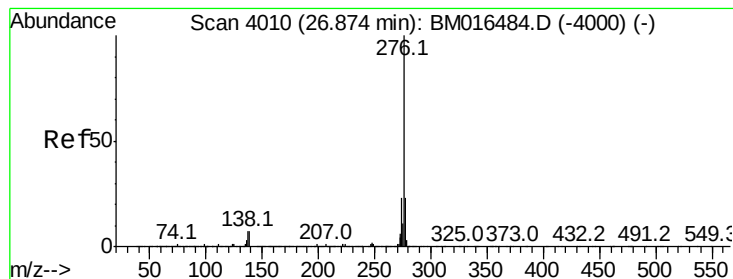
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.941 ng

RT: 26.87 min Scan# 4010

Delta R.T. -0.00 min

Lab File: BM016490.D

Acq: 21 Aug 2018 19:04

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:276 Resp: 4286835

Ion Ratio Lower Upper

276 100

277 24.4 18.5 27.7

138 7.0 19.0 28.6#

