

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080618\  
 Data File : BM016193.D  
 Acq On : 06 Aug 2018 16:17  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 07 13:13:12 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 07 13:02:43 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 29719    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.99 | 136  | 123030   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.80 | 164  | 66804    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.54 | 188  | 144945   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.66 | 240  | 171574   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.01 | 264  | 170778   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.69  | 112  | 146676   | 81.98 | ng    | 0.00     |
| 7) Phenol-d6                | 7.33  | 99   | 185978   | 79.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.36  | 82   | 228328   | 86.32 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.29 | 330  | 63060    | 74.43 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.43 | 172  | 455055   | 82.88 | ng    | 0.00     |
| 78) Terphenyl-d14           | 20.12 | 244  | 673180   | 82.13 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88   | 35016    | 41.773 | ng    | # 100  |
| 3) Pyridine                    | 3.92  | 79   | 80372    | 39.801 | ng    | # 65   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42   | 68870    | 43.726 | ng    | # 31   |
| 6) Aniline                     | 7.50  | 93   | 106230   | 39.488 | ng    | # 86   |
| 8) 2-Chlorophenol              | 7.73  | 128  | 84802    | 39.882 | ng    | # 94   |
| 9) Benzaldehyde                | 7.32  | 77   | 63487    | 38.675 | ng    | # 90   |
| 10) Phenol                     | 7.36  | 94   | 92573    | 39.624 | ng    | # 95   |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93   | 69842    | 37.841 | ng    | # 89   |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146  | 96038    | 38.586 | ng    | # 88   |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146  | 96291    | 38.146 | ng    | # 93   |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146  | 93939    | 38.033 | ng    | # 91   |
| 15) Benzyl Alcohol             | 8.43  | 79   | 70936    | 38.129 | ng    | # 84   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70  | 45   | 100807   | 35.687 | ng    | # 98   |
| 17) 2-Methylphenol             | 8.62  | 107  | 64167    | 40.183 | ng    | # 77   |
| 18) Hexachloroethane           | 9.25  | 117  | 43876    | 40.211 | ng    | # 99   |
| 19) n-Nitroso-di-n-propylamine | 8.99  | 70   | 66810    | 39.122 | ng    | # 70   |
| 20) 3+4-Methylphenols          | 8.96  | 107  | 87214    | 37.960 | ng    | # 85   |
| 22) Acetophenone               | 9.02  | 105  | 125086   | 40.378 | ng    | # 83   |
| 24) Nitrobenzene               | 9.40  | 77   | 109274   | 41.041 | ng    | # 96   |
| 25) Isophorone                 | 9.92  | 82   | 149755   | 41.390 | ng    | # 92   |
| 26) 2-Nitrophenol              | 10.12 | 139  | 45208    | 40.674 | ng    | # 52   |
| 27) 2,4-Dimethylphenol         | 10.16 | 122  | 61328    | 39.605 | ng    | # 83   |
| 28) bis(2-Chloroethoxy)methane | 10.40 | 93   | 93497    | 39.758 | ng    | # 97   |
| 29) 2,4-Dichlorophenol         | 10.65 | 162  | 75411    | 40.983 | ng    | # 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180  | 86008    | 38.470 | ng    | # 95   |
| 31) Naphthalene                | 11.04 | 128  | 240875   | 38.684 | ng    | # 98   |
| 32) Benzoic acid               | 10.33 | 122  | 47674    | 40.387 | ng    | # 83   |
| 33) 4-Chloroaniline            | 11.16 | 127  | 102554   | 40.361 | ng    | # 86   |
| 34) Hexachlorobutadiene        | 11.30 | 225  | 62214    | 40.117 | ng    | # 96   |
| 35) Caprolactam                | 11.97 | 113  | 20937    | 41.082 | ng    | # 87   |
| 36) 4-Chloro-3-methylphenol    | 12.27 | 107  | 85180    | 42.088 | ng    | # 84   |
| 37) 2-Methylnaphthalene        | 12.64 | 142  | 163477   | 39.193 | ng    | # 87   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216  | 89947    | 39.549 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.96 | 237  | 38051    | 38.488 | ng    | # 98   |

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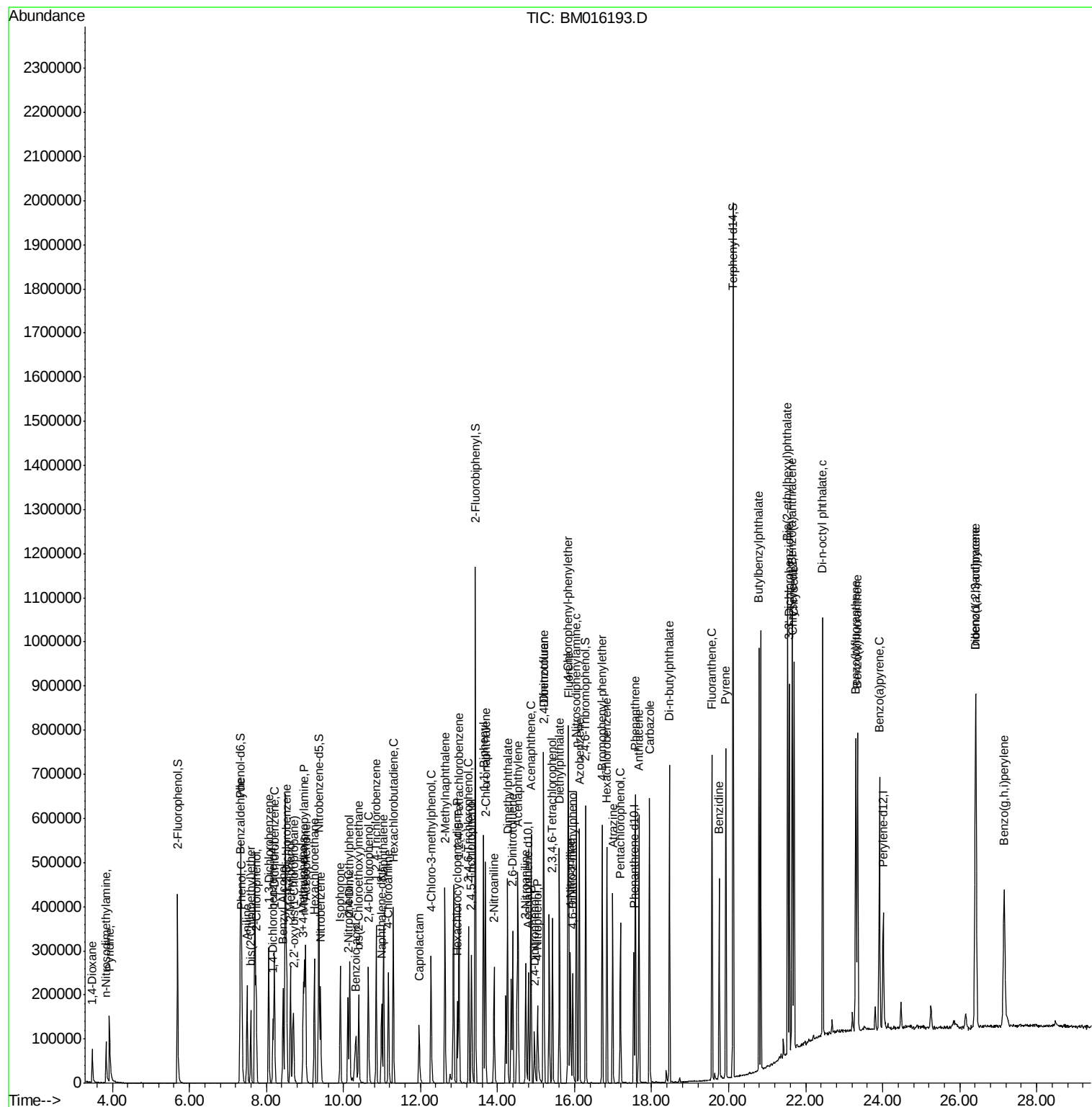
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.24 | 196  | 58301    | 40.972 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.33 | 196  | 60074    | 40.929 | nq    | # 82     |
| 45) 1,1'-Biphenyl              | 13.64 | 154  | 235777   | 39.108 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.69 | 162  | 184290   | 39.302 | nq    | # 89     |
| 47) 2-Nitroaniline             | 13.91 | 65   | 64760    | 41.773 | nq    | # 78     |
| 48) Acenaphthylene             | 14.53 | 152  | 275201   | 40.090 | nq    | 98       |
| 49) Dimethylphthalate          | 14.26 | 163  | 234281   | 40.073 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.40 | 165  | 47349    | 40.252 | nq    | # 55     |
| 51) Acenaphthene               | 14.87 | 154  | 165541   | 39.211 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.73 | 138  | 49445    | 38.916 | nq    | # 69     |
| 53) 2,4-Dinitrophenol          | 14.96 | 184  | 20396    | 43.410 | nq    | # 67     |
| 54) Dibenzofuran               | 15.20 | 168  | 271466   | 39.020 | nq    | # 77     |
| 55) 4-Nitrophenol              | 15.04 | 139  | 35265    | 38.718 | nq    | 93       |
| 56) 2,4-Dinitrotoluene         | 15.19 | 165  | 67468    | 40.112 | nq    | # 79     |
| 57) Fluorene                   | 15.84 | 166  | 206269   | 39.898 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.43 | 232  | 51384    | 40.729 | nq    | # 100    |
| 59) Diethylphthalate           | 15.60 | 149  | 259983   | 41.257 | nq    | # 93     |
| 60) 4-Chlorophenyl-phenylether | 15.83 | 204  | 113333   | 39.379 | nq    | # 80     |
| 61) 4-Nitroaniline             | 15.89 | 138  | 47115    | 38.649 | nq    | # 1      |
| 62) Azobenzene                 | 16.13 | 77   | 291718   | 43.957 | nq    | # 75     |
| 64) 4,6-Dinitro-2-methylphenol | 15.95 | 198  | 37026    | 42.086 | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 16.05 | 169  | 189449   | 39.693 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.72 | 248  | 65196    | 39.723 | nq    | # 71     |
| 67) Hexachlorobenzene          | 16.84 | 284  | 69168    | 38.269 | nq    | # 60     |
| 68) Atrazine                   | 16.99 | 200  | 68483    | 40.034 | nq    | 97       |
| 69) Pentachlorophenol          | 17.19 | 266  | 41995    | 37.522 | nq    | 95       |
| 70) Phenanthrene               | 17.58 | 178  | 314566   | 38.764 | nq    | 99       |
| 71) Anthracene                 | 17.67 | 178  | 314827   | 39.918 | nq    | 97       |
| 72) Carbazole                  | 17.94 | 167  | 325252   | 39.808 | nq    | 96       |
| 73) Di-n-butylphthalate        | 18.47 | 149  | 446497   | 43.855 | nq    | # 96     |
| 74) Fluoranthene               | 19.57 | 202  | 366697   | 40.510 | nq    | 99       |
| 76) Benzidine                  | 19.75 | 184  | 193772   | 40.415 | nq    | 98       |
| 77) Pyrene                     | 19.93 | 202  | 389967   | 37.927 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.79 | 149  | 214315   | 41.031 | nq    | # 72     |
| 80) Benzo(a)anthracene         | 21.65 | 228  | 405724   | 38.394 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 164554   | 38.660 | nq    | 99       |
| 82) Chrysene                   | 21.70 | 228  | 384796   | 37.960 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 320039   | 42.278 | nq    | # 91     |
| 84) Di-n-octyl phthalate       | 22.44 | 149  | 534638   | 42.023 | nq    | # 87     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.42 | 276  | 459611   | 38.208 | nq    | # 95     |
| 87) Benzo(b)fluoranthene       | 23.30 | 252  | 393892   | 39.174 | nq    | # 95     |
| 88) Benzo(k)fluoranthene       | 23.35 | 252  | 386238   | 37.903 | nq    | 97       |
| 89) Benzo(a)pyrene             | 23.91 | 252  | 376813   | 38.982 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 26.41 | 278  | 392152   | 39.157 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 27.15 | 276  | 359887   | 37.994 | nq    | # 93     |

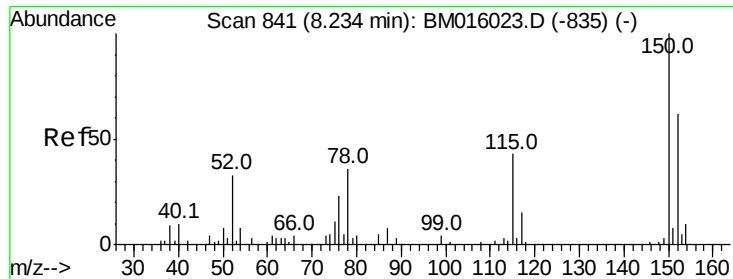
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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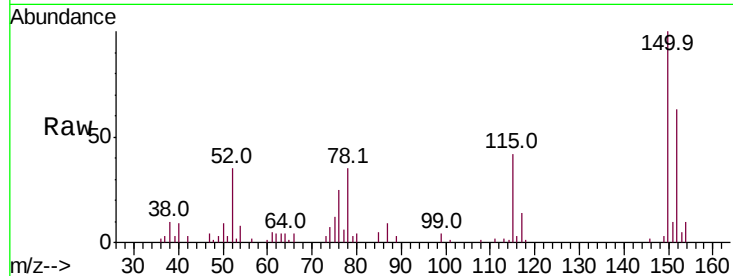


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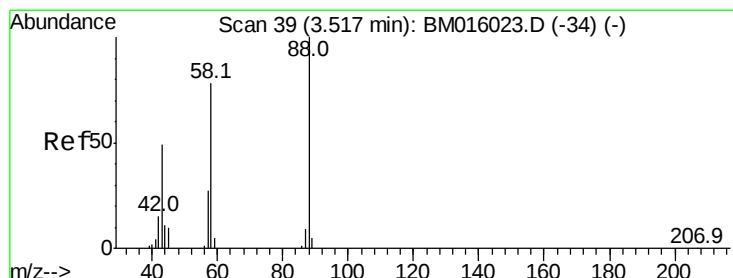
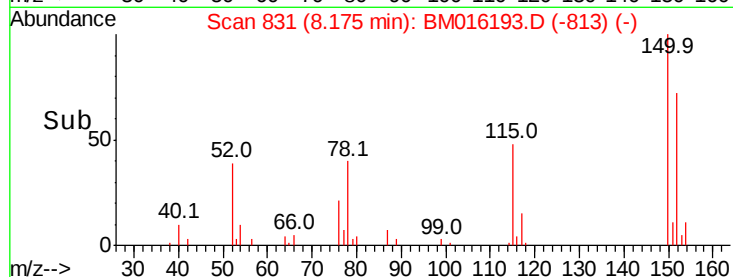
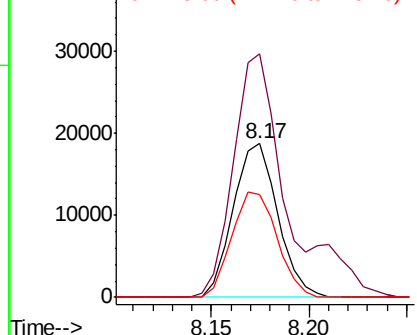
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 831  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

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BNA\_M  
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SSTDCCC040

Tot Ion:152 Resp: 29719  
Ion Ratio Lower Upper  
152 100  
150 158.1 119.5 179.3  
115 67.1 43.0 64.4#



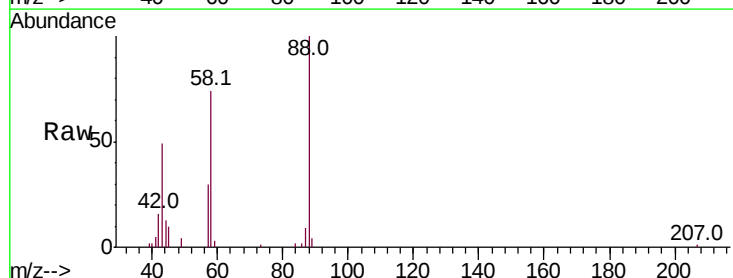
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



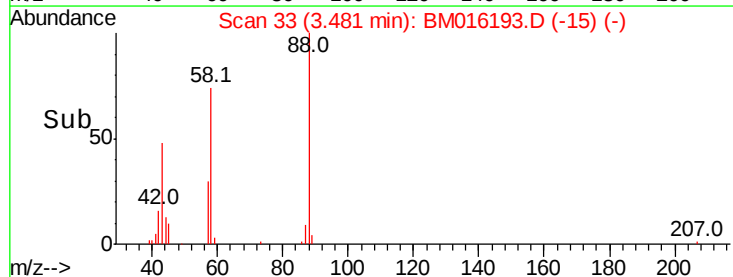
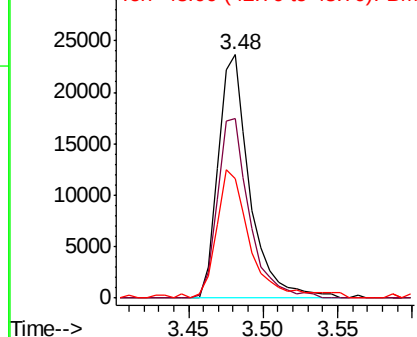
#2

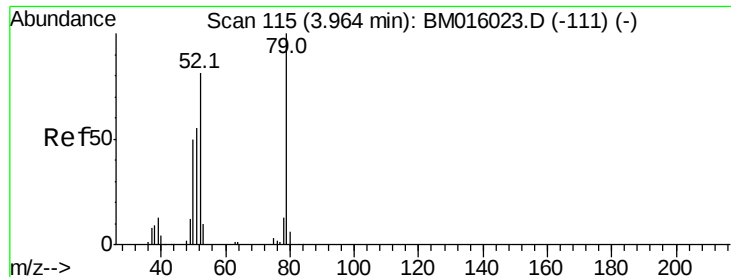
1,4-Dioxane  
Concen: 41.773 ng  
RT: 3.48 min Scan# 33  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion: 88 Resp: 35016  
Ion Ratio Lower Upper  
88 100  
58 74.3 0.0 0.0#  
43 55.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 39.801 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

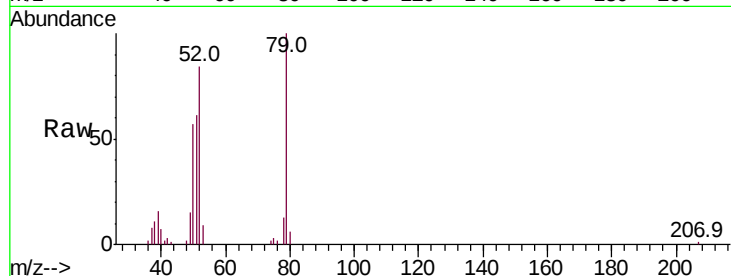
Tot Ion: 79 Resp: 80372

Ion Ratio Lower Upper

79 100

52 84.5 51.1 76.7#

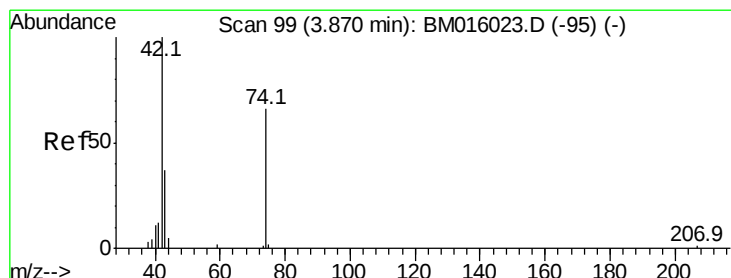
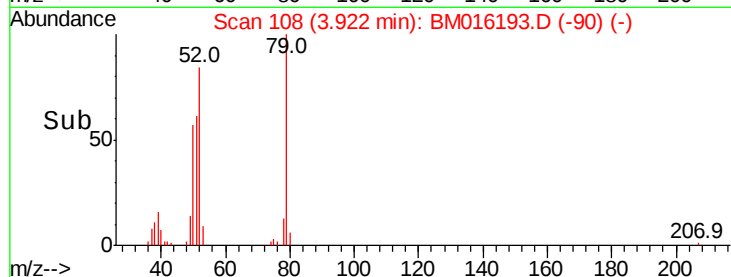
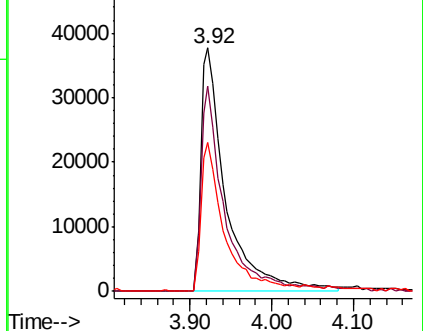
51 61.2 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016193.D (-108) (-)

Ion 52.00 (51.70 to 52.70): BM016193.D (-108) (-)

Ion 51.00 (50.70 to 51.70): BM016193.D (-108) (-)



#4

n-Nitrosodimethylamine

Concen: 43.726 ng

RT: 3.83 min Scan# 93

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

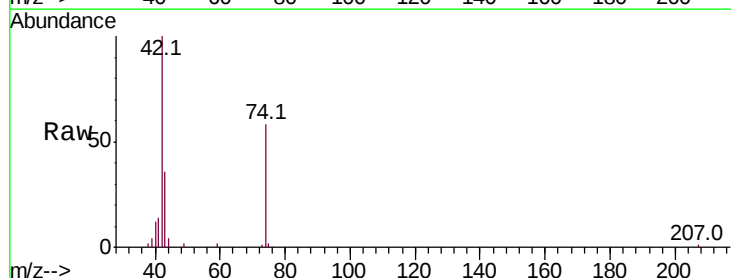
Tgt Ion: 42 Resp: 68870

Ion Ratio Lower Upper

42 100

74 57.8 119.3 178.9#

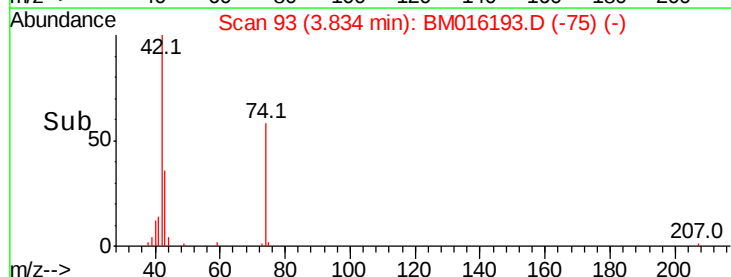
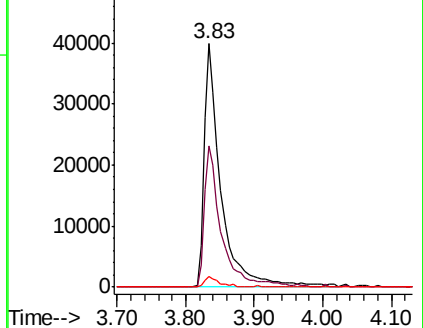
44 4.2 5.4 8.2#

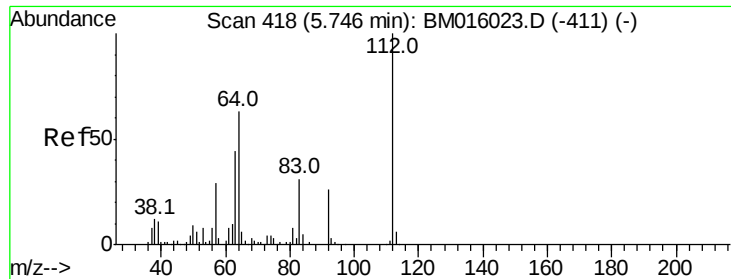


Abundance Ion 42.00 (41.70 to 42.70): BM016193.D (-93) (-)

Ion 74.00 (73.70 to 74.70): BM016193.D (-93) (-)

Ion 44.00 (43.70 to 44.70): BM016193.D (-93) (-)





#5

2-Fluorophenol

Concen: 43.726 ng

RT: 5.69 min Scan# 409

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

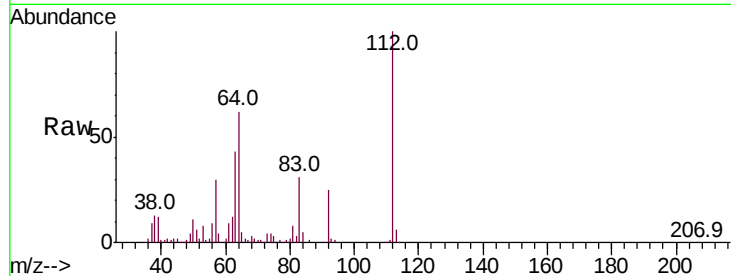
Tot Ion:112 Resp: 146676

Ion Ratio Lower Upper

112 100

64 61.9 38.6 57.8#

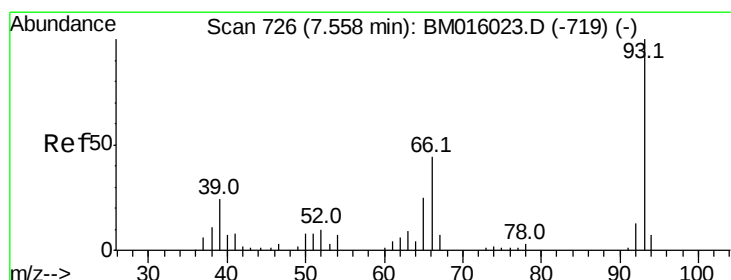
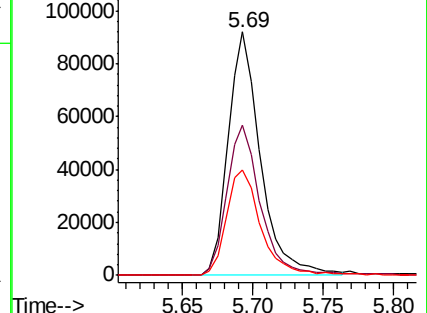
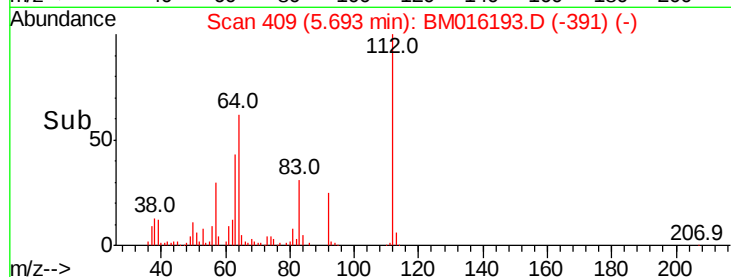
63 43.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 39.488 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

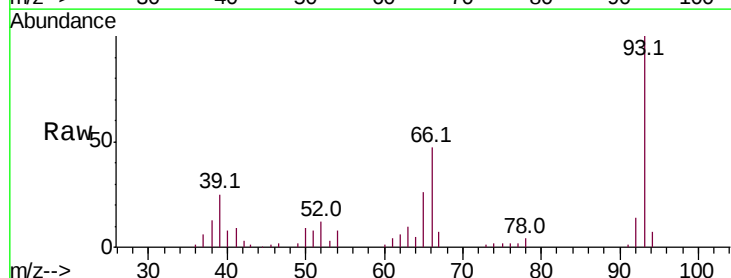
Tgt Ion: 93 Resp: 106230

Ion Ratio Lower Upper

93 100

66 47.0 30.8 46.2#

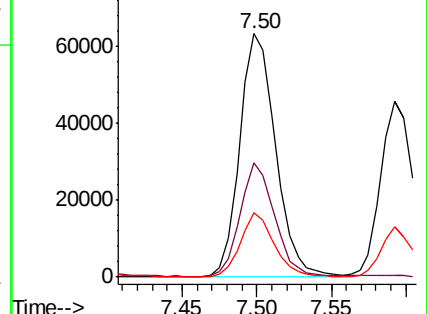
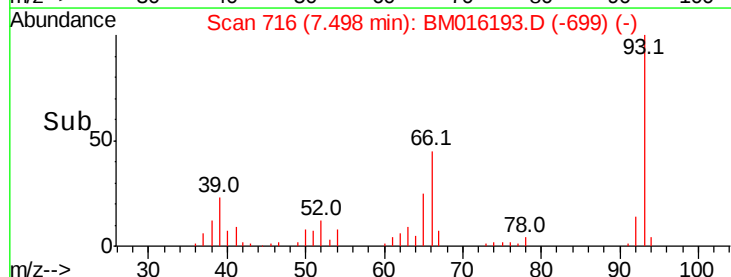
65 26.2 16.0 24.0#

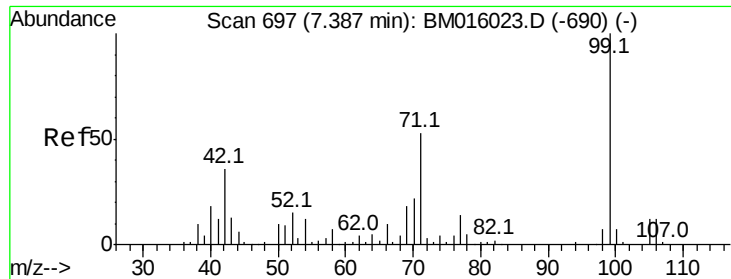


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 39.488 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

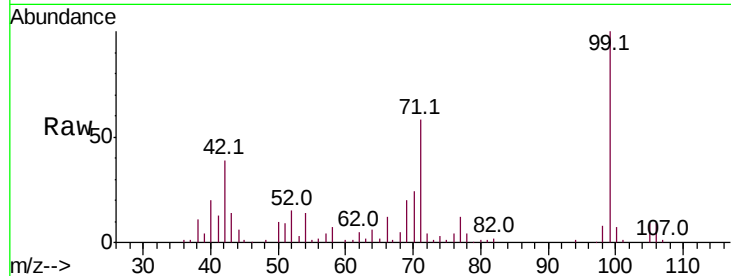
Tot Ion: 99 Resp: 185978

Ion Ratio Lower Upper

99 100

42 39.1 11.0 16.4#

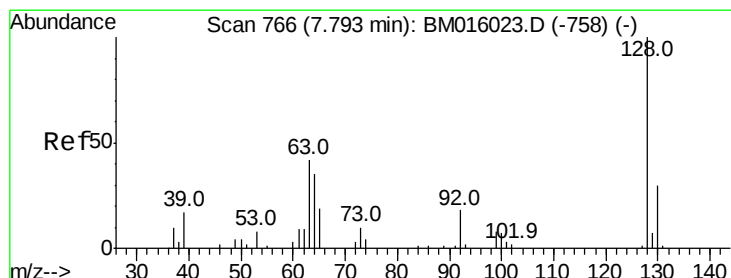
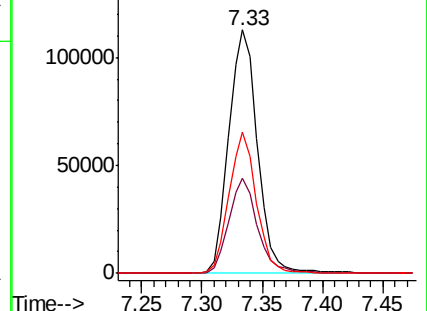
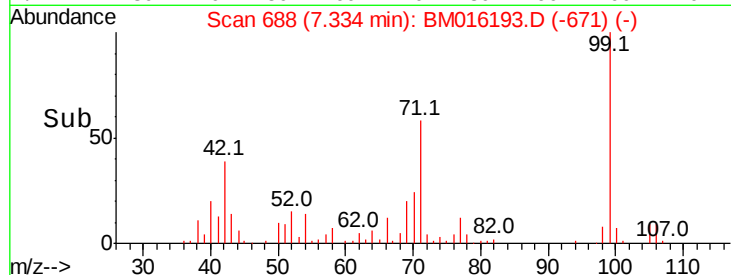
71 58.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016193.D (-671) (-)

Ion 42.00 (41.70 to 42.70): BM016193.D (-671) (-)

Ion 71.00 (70.70 to 71.70): BM016193.D (-671) (-)



#8

2-Chlorophenol

Concen: 39.882 ng

RT: 7.73 min Scan# 756

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

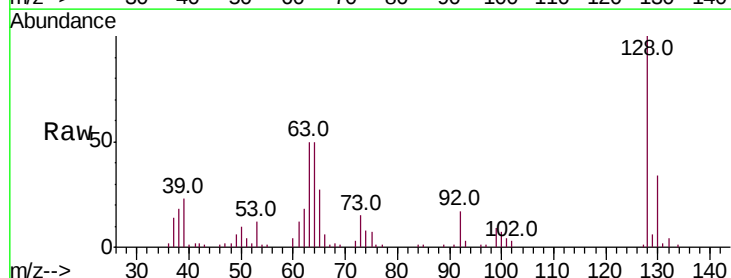
Tgt Ion: 128 Resp: 84802

Ion Ratio Lower Upper

128 100

130 33.9 12.0 52.0

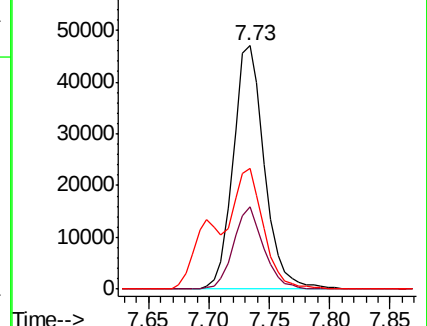
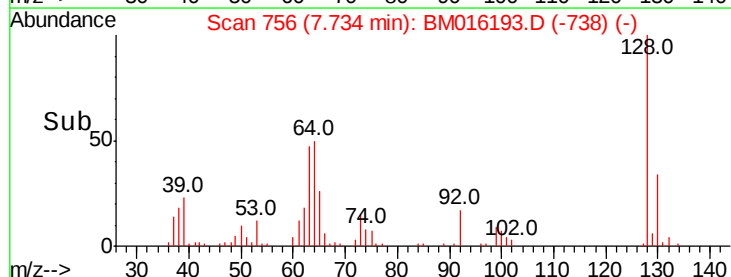
64 49.8 24.9 64.9

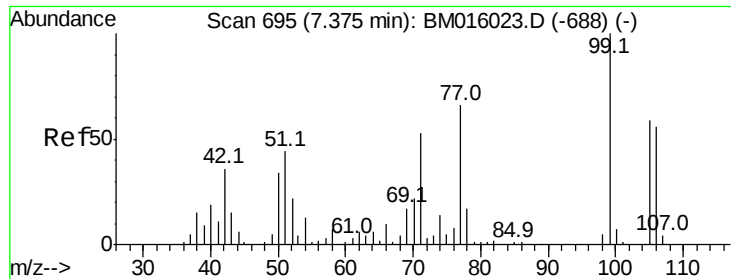


Abundance Ion 128.00 (127.70 to 128.70): BM016193.D (-738) (-)

Ion 130.00 (129.70 to 130.70): BM016193.D (-738) (-)

Ion 64.00 (63.70 to 64.70): BM016193.D (-738) (-)





#9

Benzaldehyde

Concen: 38.675 ng

RT: 7.32 min Scan# 685

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

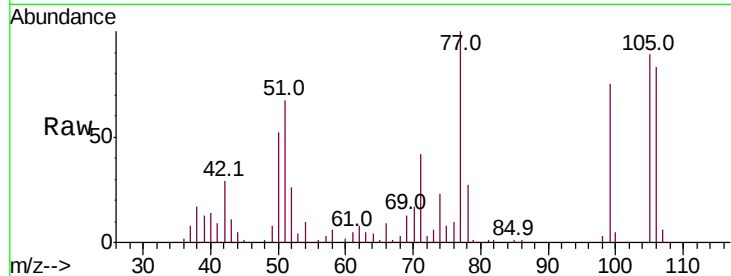
Tot Ion: 77 Resp: 63487

Ion Ratio Lower Upper

77 100

105 89.4 78.8 118.8

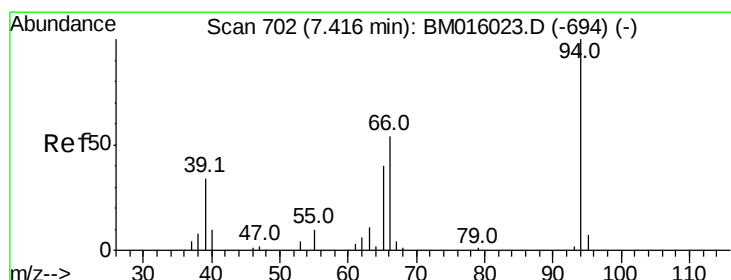
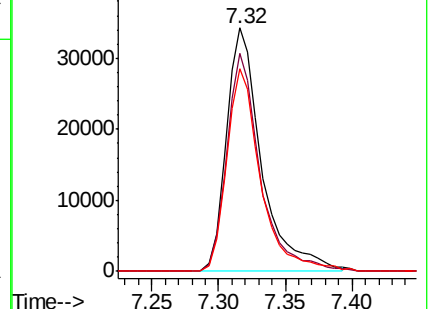
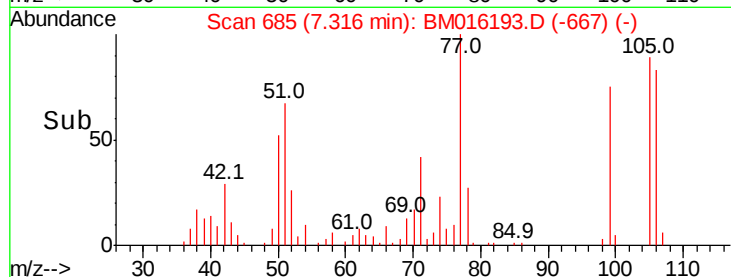
106 83.1 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016193.D (-667) (-)

Ion 105.00 (104.70 to 105.70): BM016193.D (-667) (-)

Ion 106.00 (105.70 to 106.70): BM016193.D (-667) (-)



#10

Phenol

Concen: 39.624 ng

RT: 7.36 min Scan# 692

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

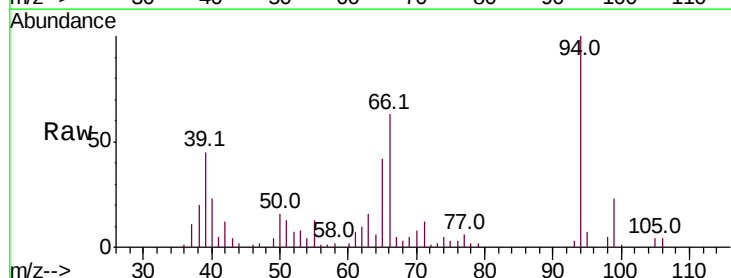
Tgt Ion: 94 Resp: 92573

Ion Ratio Lower Upper

94 100

65 42.2 18.8 58.8

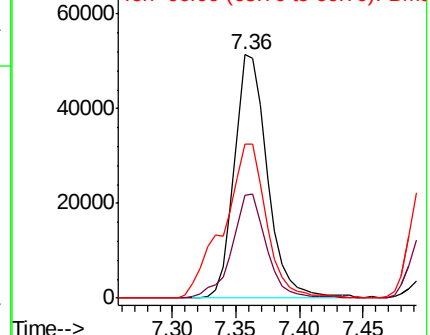
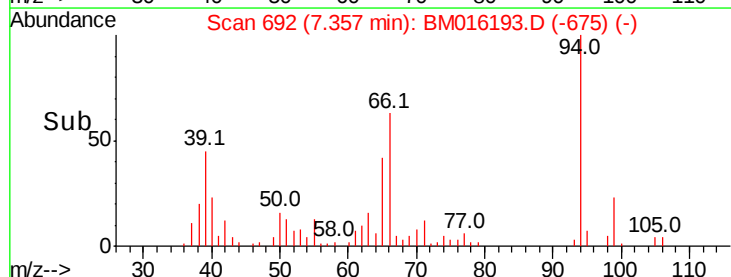
66 63.3 39.9 79.9

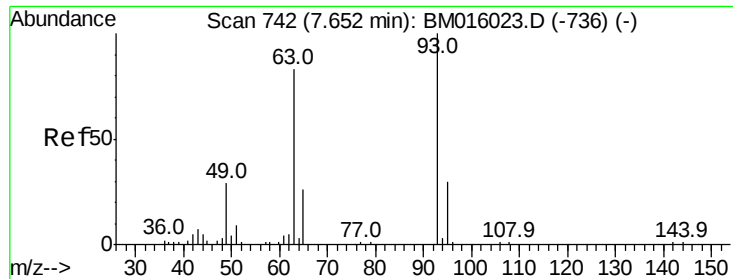


Abundance Ion 94.00 (93.70 to 94.70): BM016193.D (-675) (-)

Ion 65.00 (64.70 to 65.70): BM016193.D (-675) (-)

Ion 66.00 (65.70 to 66.70): BM016193.D (-675) (-)

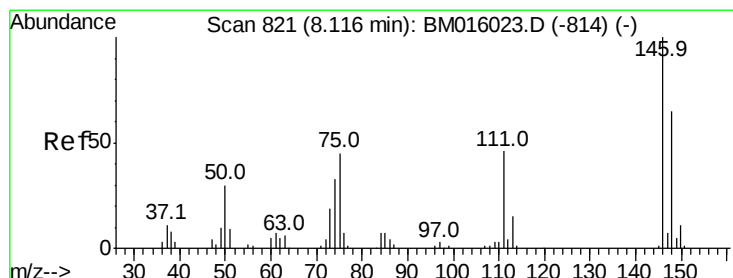
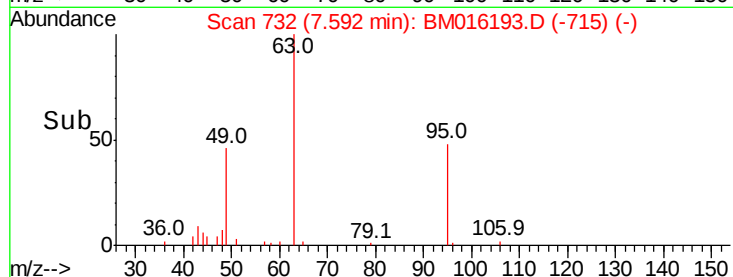
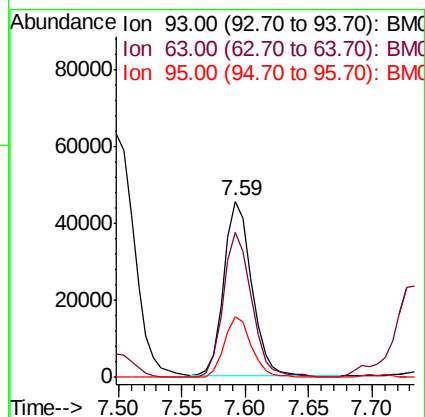
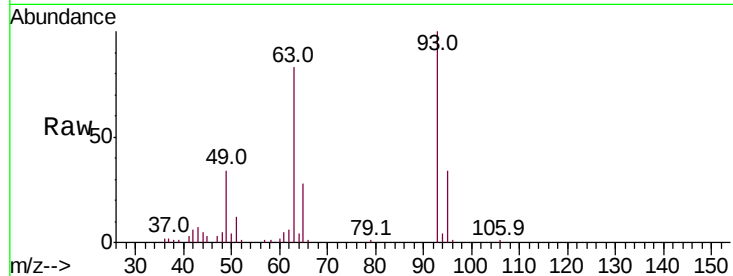




#11  
bis(2-Chloroethyl)ether  
Concen: 37.841 ng  
RT: 7.59 min Scan# 732  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

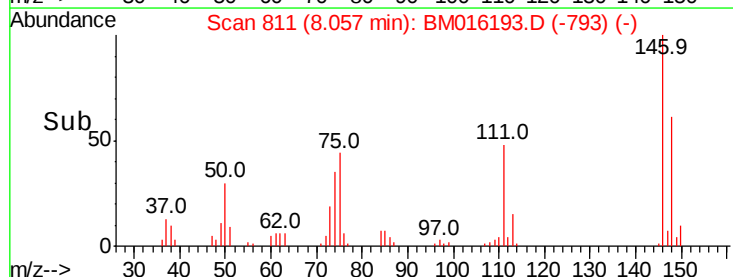
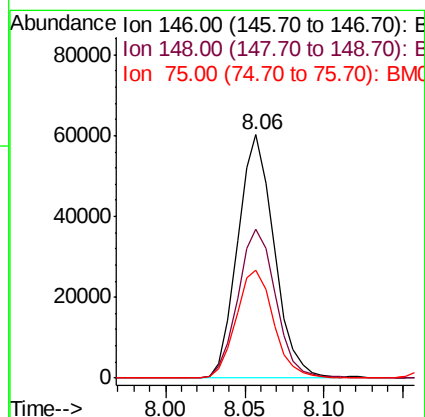
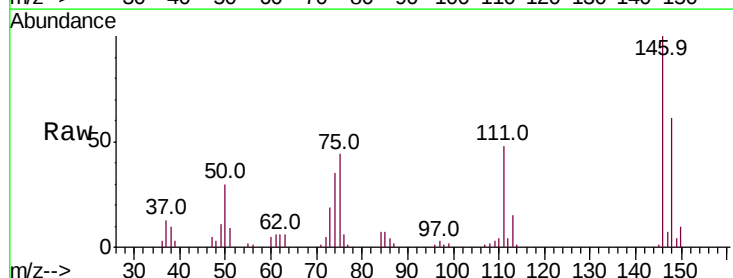
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

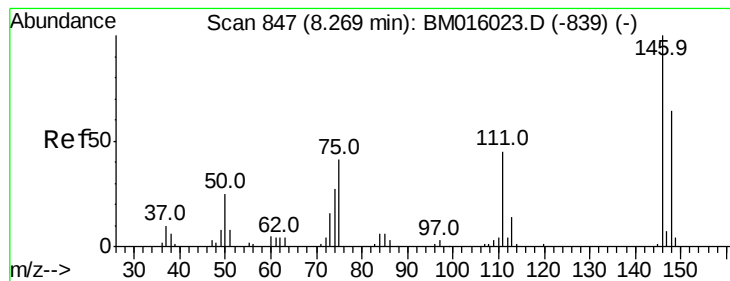
Tot Ion: 93 Resp: 69842  
Ion Ratio Lower Upper  
93 100  
63 82.6 49.5 89.5  
95 34.1 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 38.586 ng  
RT: 8.06 min Scan# 811  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion: 146 Resp: 96038  
Ion Ratio Lower Upper  
146 100  
148 61.3 50.9 76.3  
75 44.2 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 38.146 ng

RT: 8.21 min Scan# 837

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

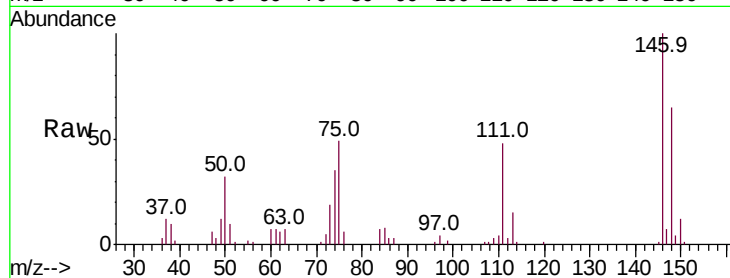
Tot Ion:146 Resp: 96291

Ion Ratio Lower Upper

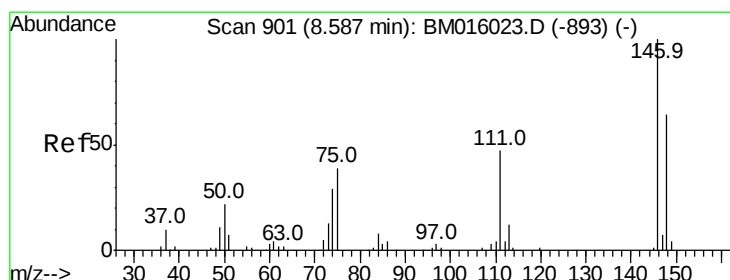
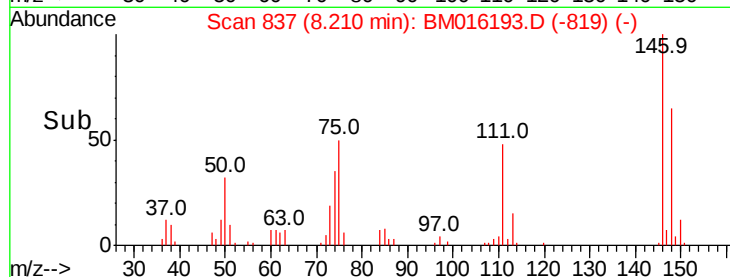
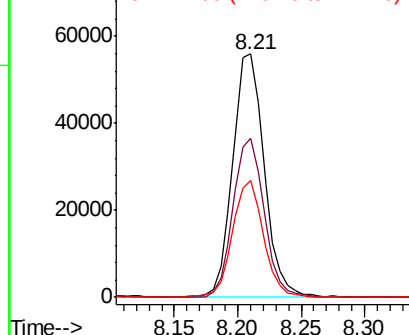
146 100

148 65.2 51.9 77.9

111 47.8 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.033 ng

RT: 8.53 min Scan# 891

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

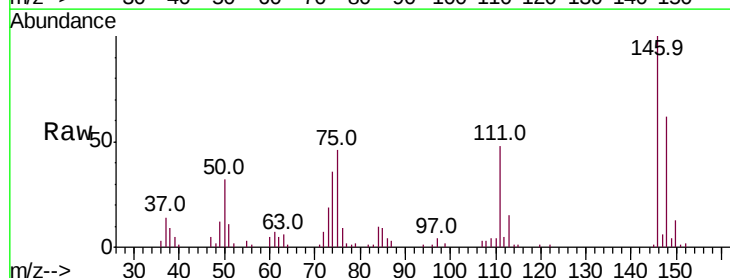
Tgt Ion:146 Resp: 93939

Ion Ratio Lower Upper

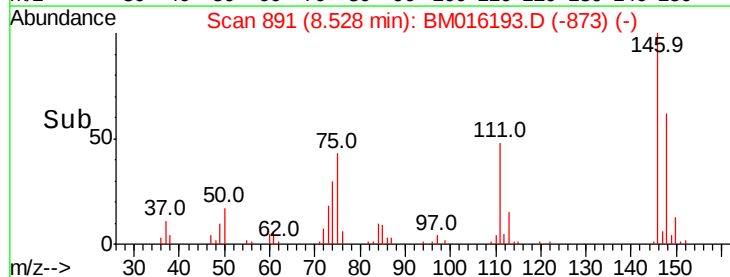
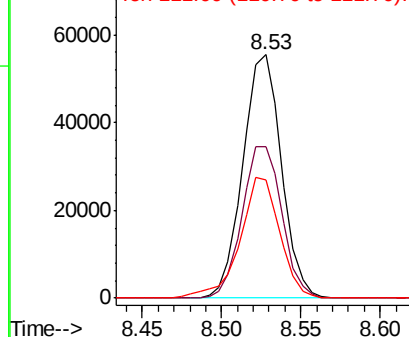
146 100

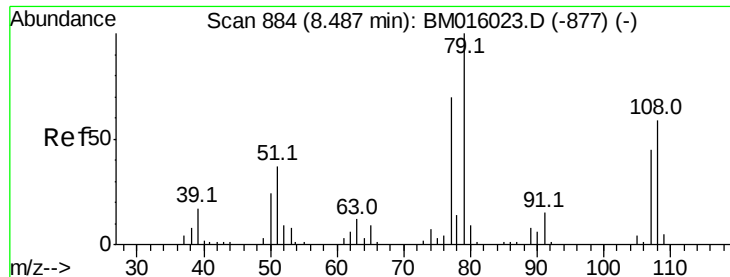
148 62.4 52.3 78.5

111 48.4 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.129 ng

RT: 8.43 min Scan# 874

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleID :

SSTDCCC040

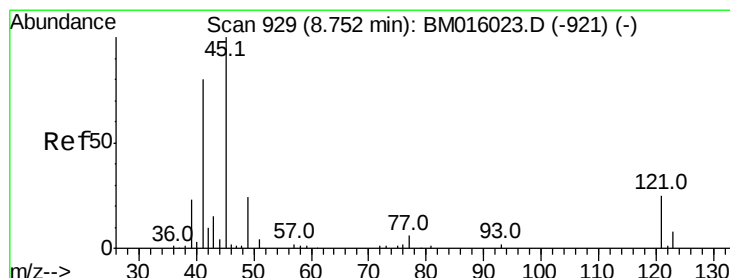
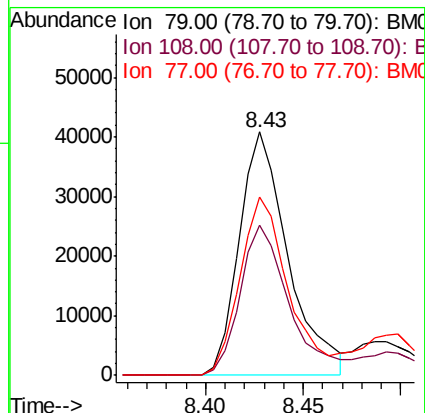
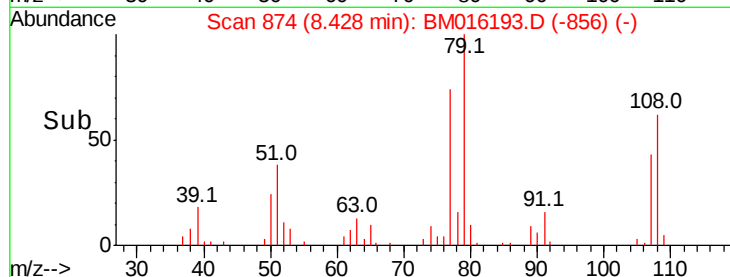
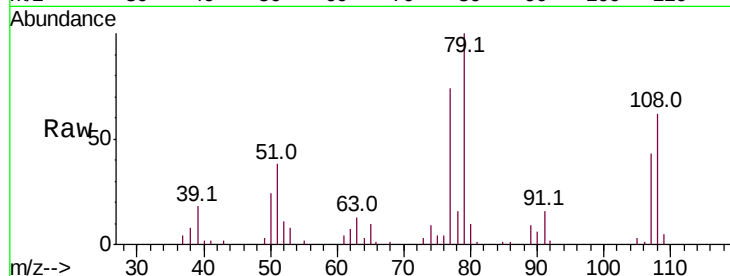
Tot Ion: 79 Resp: 70936

Ion Ratio Lower Upper

79 100

108 61.7 65.0 97.4#

77 73.5 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.687 ng

RT: 8.70 min Scan# 921

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

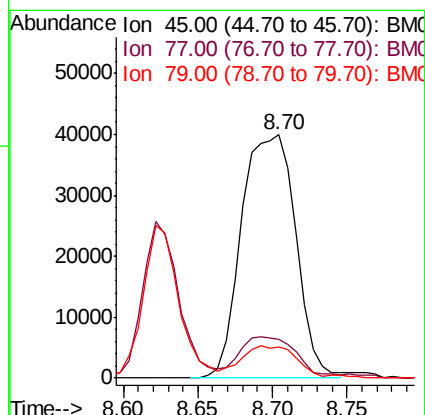
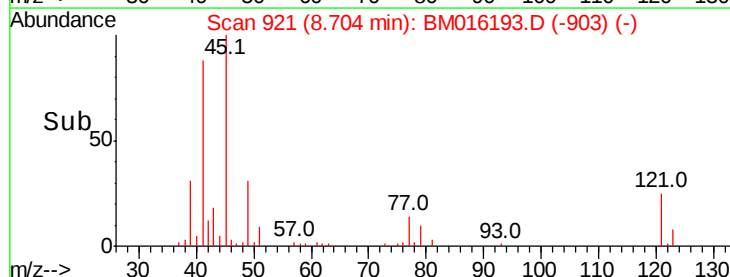
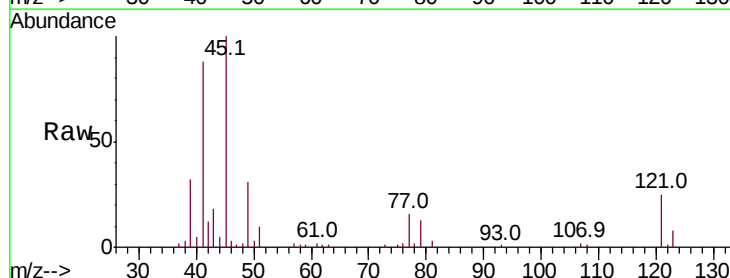
Tgt Ion: 45 Resp: 100807

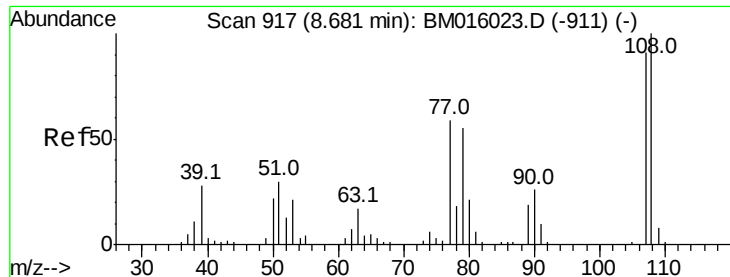
Ion Ratio Lower Upper

45 100

77 16.1 0.0 35.2

79 12.7 0.0 32.0

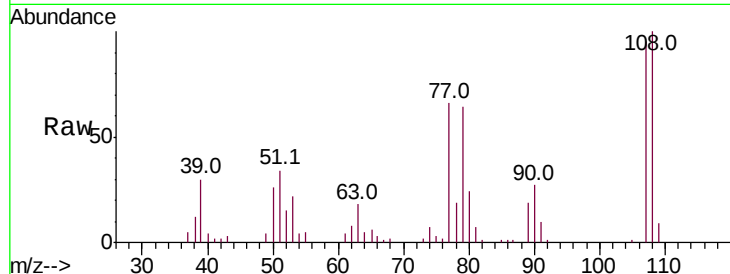




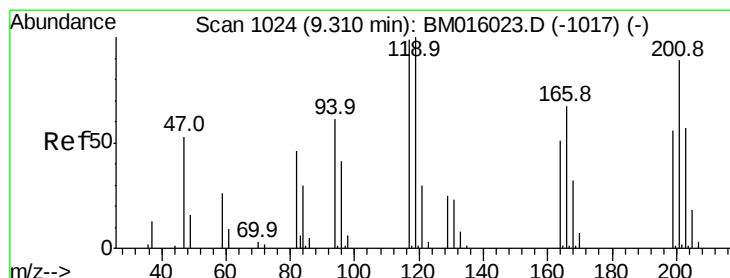
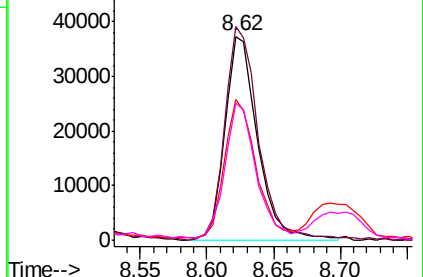
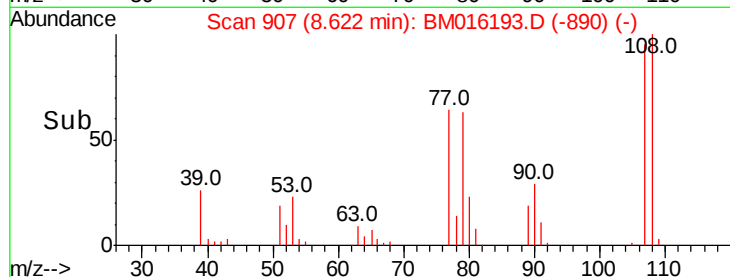
#17  
2-Methylphenol  
Concen: 40.183 ng  
RT: 8.62 min Scan# 907  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:107 Resp: 64167  
Ion Ratio Lower Upper  
107 100  
108 104.9 89.8 134.8  
77 69.2 32.6 48.8#  
79 67.4 32.8 49.2#

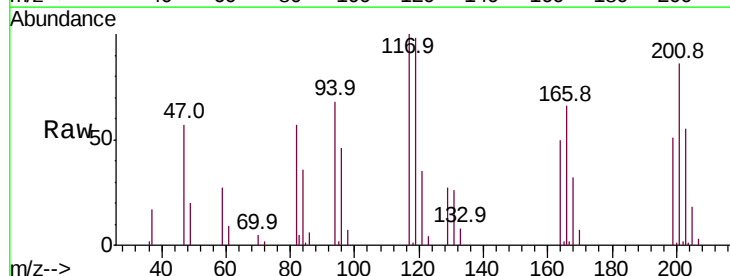


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

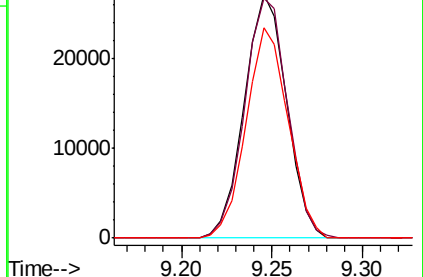
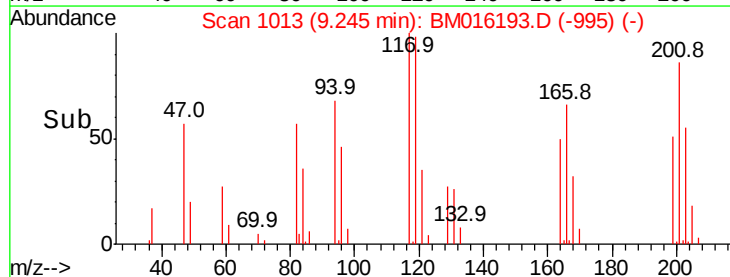


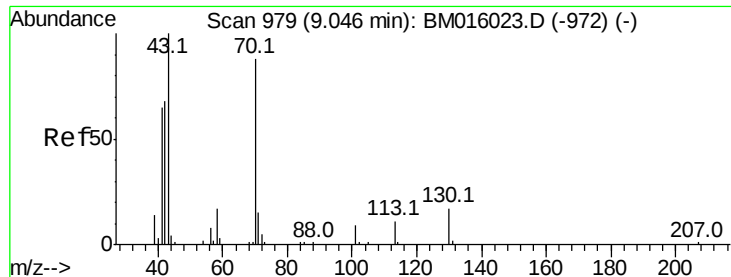
#18  
Hexachloroethane  
Concen: 40.211 ng  
RT: 9.25 min Scan# 1013  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion:117 Resp: 43876  
Ion Ratio Lower Upper  
117 100  
119 98.2 79.2 118.8  
201 86.3 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

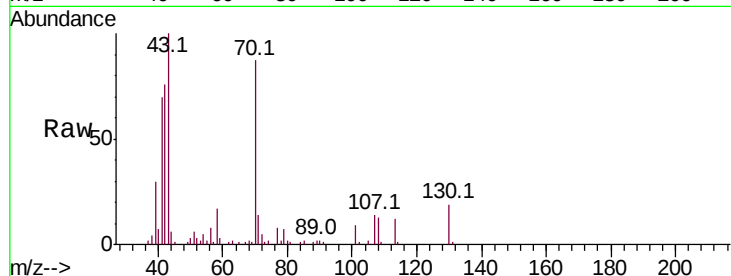




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.122 ng  
RT: 8.99 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 66810 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 87.4  | 44.5  | 66.7# |
| 101      | 10.1  | 7.4   | 11.2  |
| 130      | 21.3  | 15.3  | 22.9  |

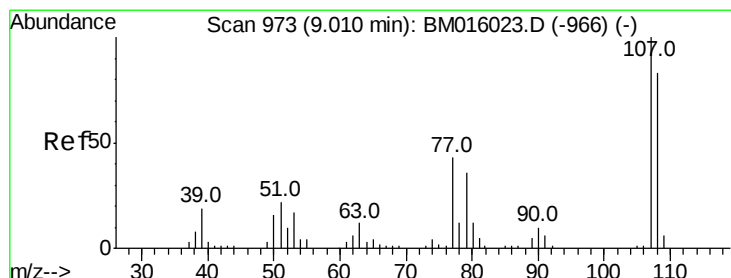
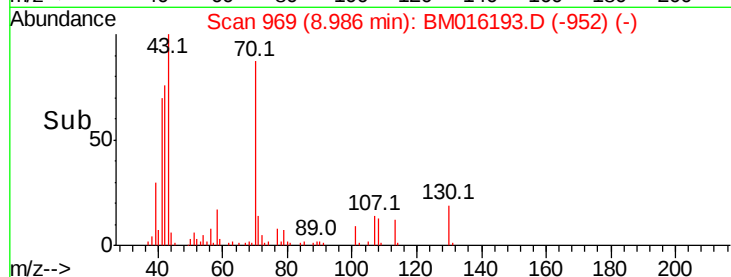
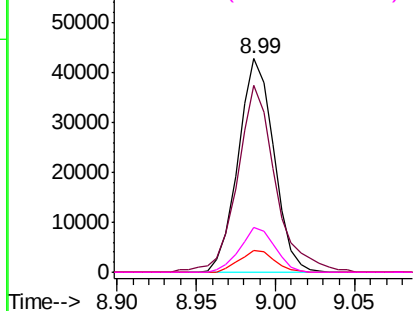


Abundance Ion 70.00 (69.70 to 70.70): BM016193.D (-952) (-)

Ion 42.00 (41.70 to 42.70): BM016193.D (-952) (-)

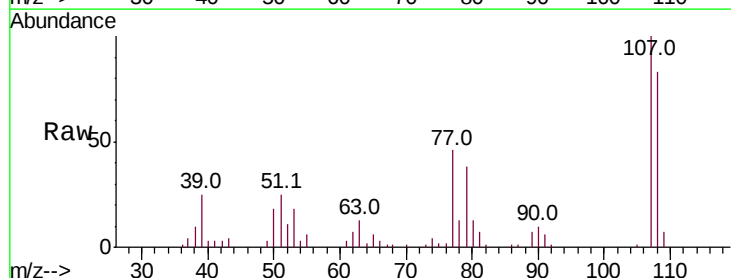
Ion 101.00 (100.70 to 101.70): BM016193.D (-952) (-)

Ion 130.00 (129.70 to 130.70): BM016193.D (-952) (-)



#20  
3+4-Methylphenols  
Concen: 37.960 ng  
RT: 8.96 min Scan# 964  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 87214 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 83.1  | 73.2  | 113.2 |
| 77       | 46.5  | 10.7  | 50.7  |
| 79       | 37.6  | 9.6   | 49.6  |

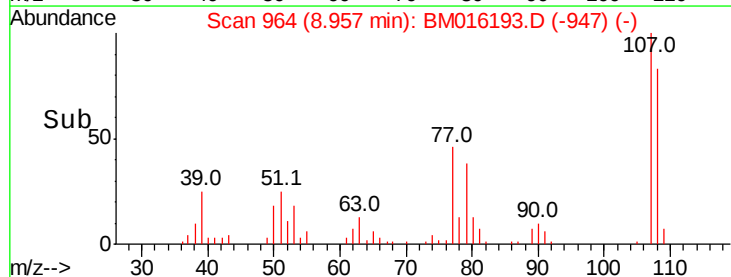
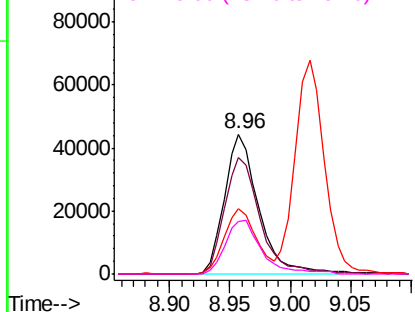


Abundance Ion 107.00 (106.70 to 107.70): BM016193.D (-947) (-)

Ion 108.00 (107.70 to 108.70): BM016193.D (-947) (-)

Ion 77.00 (76.70 to 77.70): BM016193.D (-947) (-)

Ion 79.00 (78.70 to 79.70): BM016193.D (-947) (-)

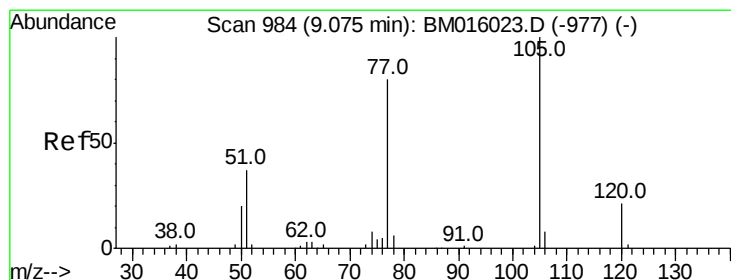
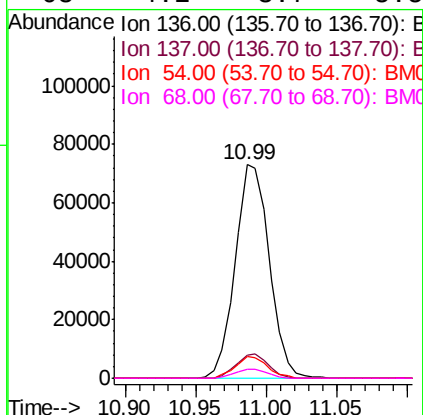
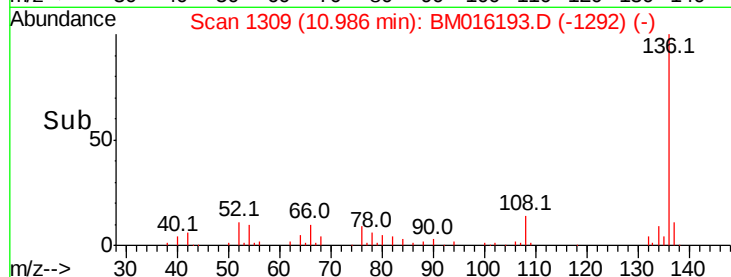
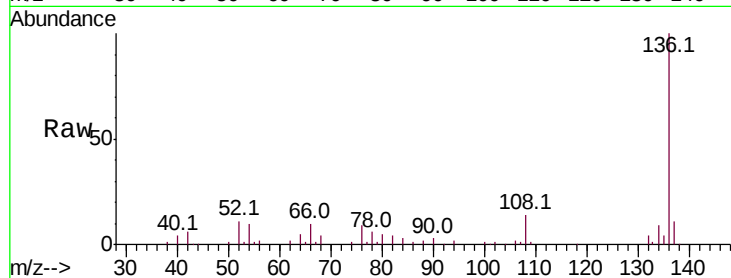




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.99 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

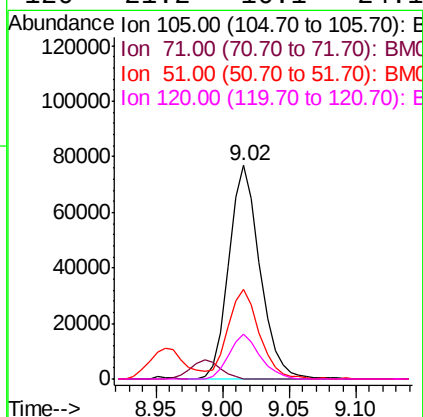
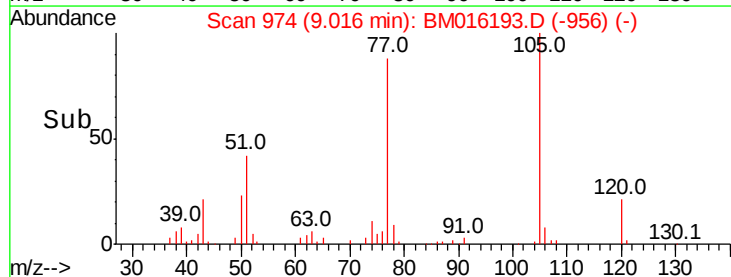
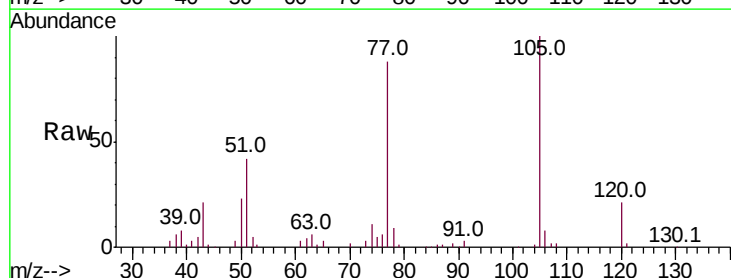
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

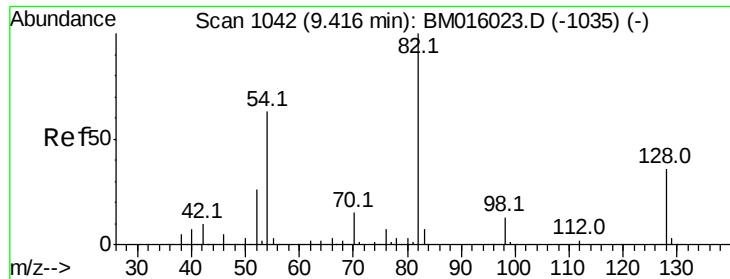
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 123030 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.7   | 13.1   |
| 54       | 10.3  | 4.6   | 6.8#   |
| 68       | 4.2   | 3.7   | 5.5    |



#22  
Acetophenone  
Concen: 40.378 ng  
RT: 9.02 min Scan# 974  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 125086 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.0   | 0.6   | 1.0#   |
| 51       | 41.8  | 21.6  | 32.4#  |
| 120      | 21.2  | 16.1  | 24.1   |

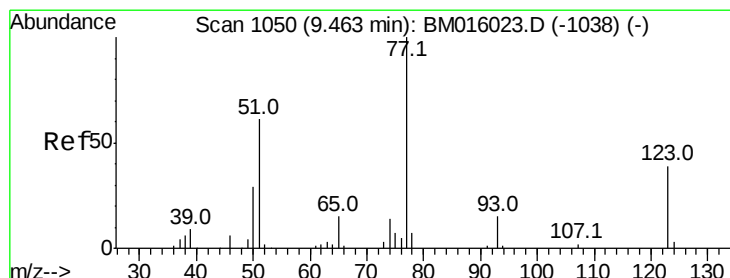
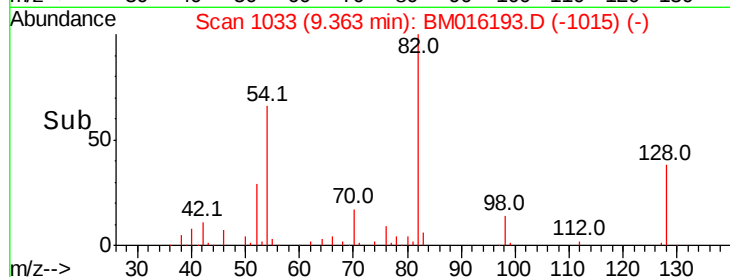
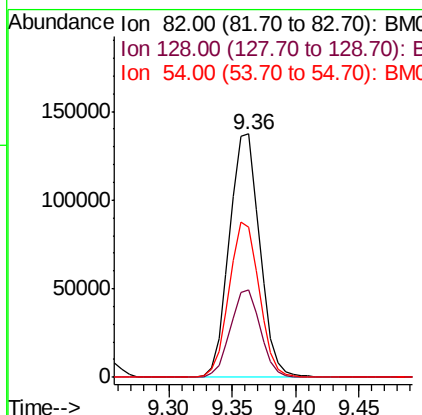
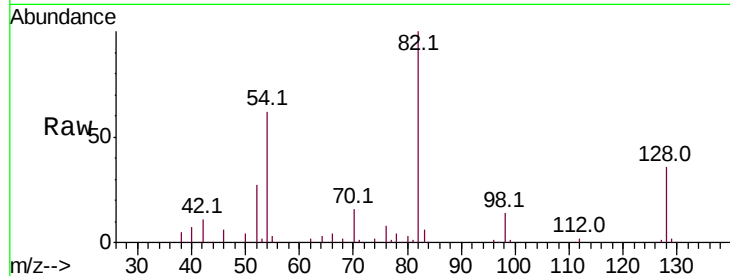




#23  
 Nitrobenzene-d5  
 Concen: 40.378 ng  
 RT: 9.36 min Scan# 1033  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

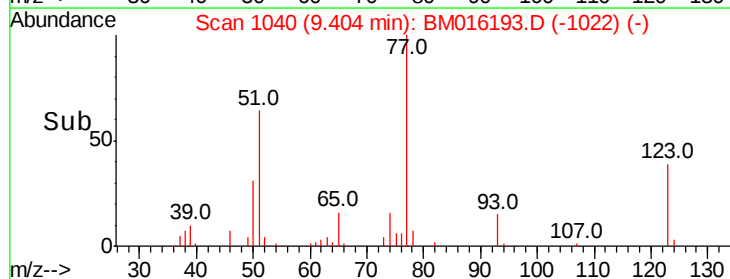
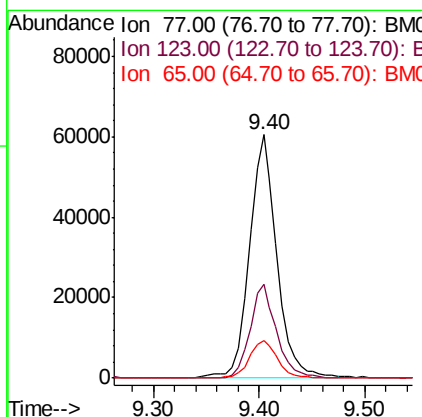
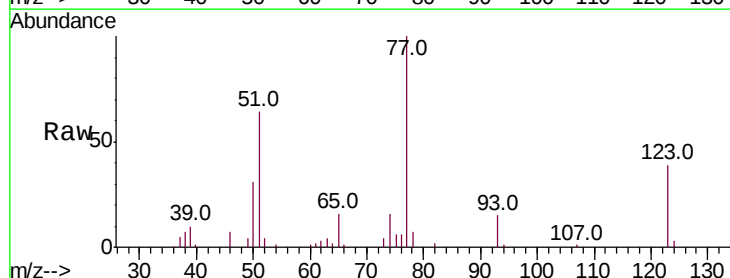
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

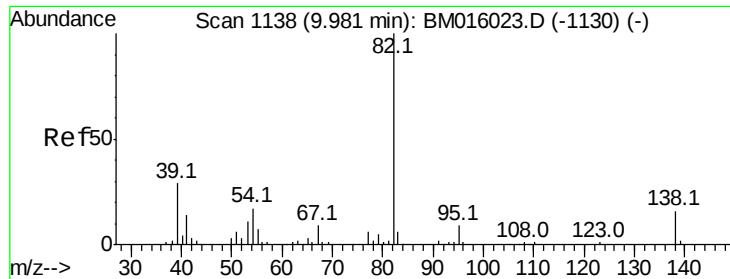
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.0  | 32.8  | 49.2  |
| 54      | 61.8  | 40.6  | 60.8# |



#24  
 Nitrobenzene  
 Concen: 41.041 ng  
 RT: 9.40 min Scan# 1040  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 38.6  | 32.6  | 49.0  |
| 65      | 15.7  | 10.9  | 16.3  |





#25

Isophorone

Concen: 41.390 ng

RT: 9.92 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

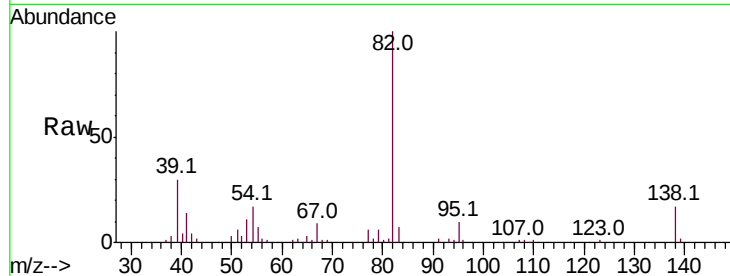
Tot Ion: 82 Resp: 149755

Ion Ratio Lower Upper

82 100

95 9.9 5.8 8.6#

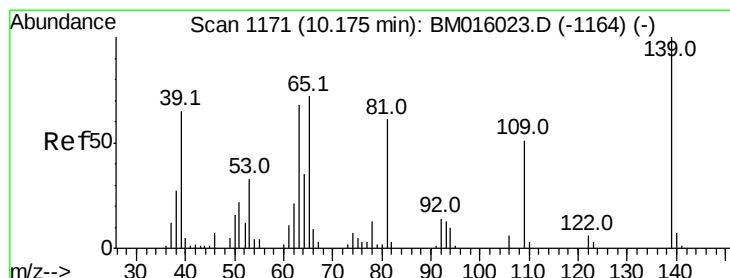
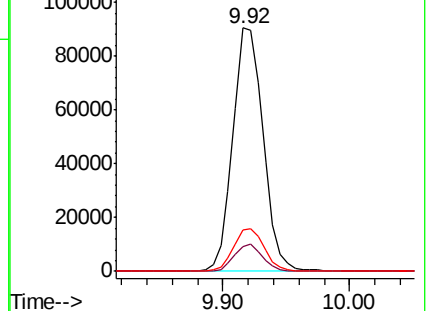
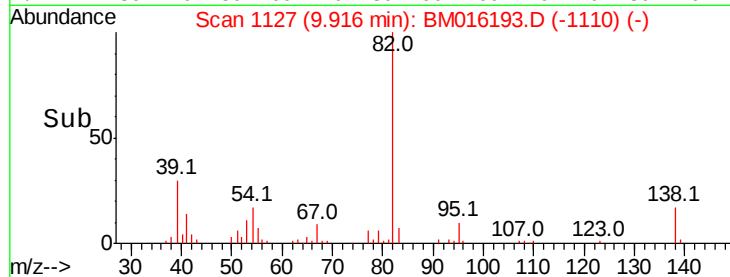
138 16.9 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM016193.D (-1127) (-)

Ion 95.00 (94.70 to 95.70): BM016193.D (-1127) (-)

Ion 138.00 (137.70 to 138.70): BM016193.D (-1127) (-)



#26

2-Nitrophenol

Concen: 40.674 ng

RT: 10.12 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

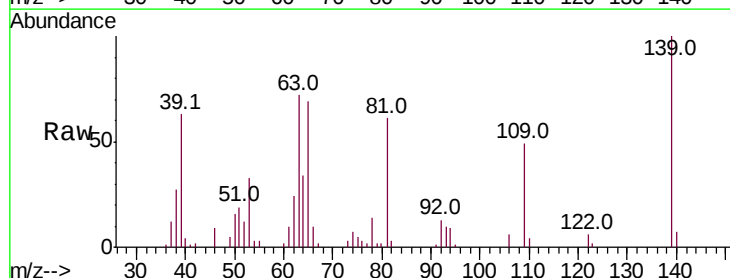
Tgt Ion:139 Resp: 45208

Ion Ratio Lower Upper

139 100

109 48.7 20.1 30.1#

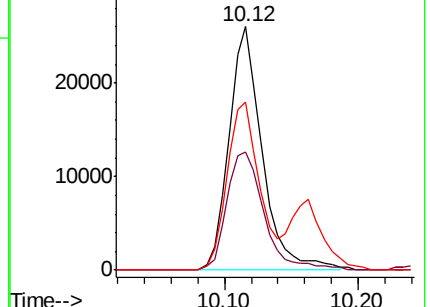
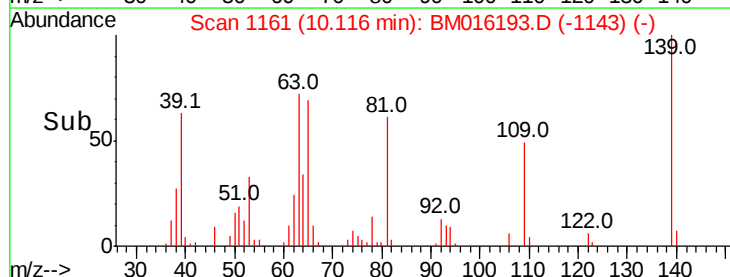
65 68.9 31.5 47.3#

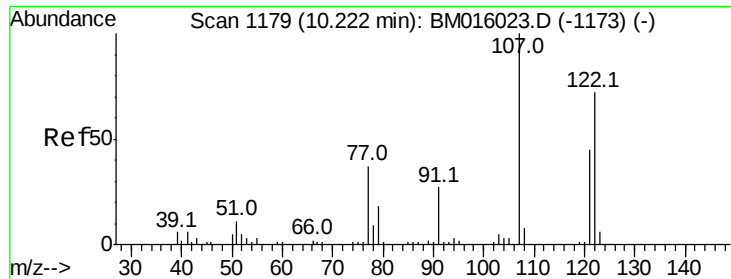


Abundance Ion 139.00 (138.70 to 139.70): BM016193.D (-1161) (-)

Ion 109.00 (108.70 to 109.70): BM016193.D (-1161) (-)

Ion 65.00 (64.70 to 65.70): BM016193.D (-1161) (-)

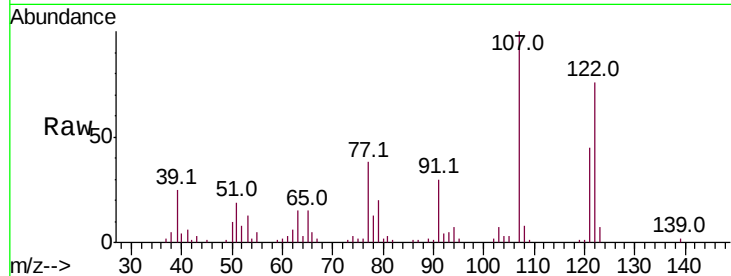




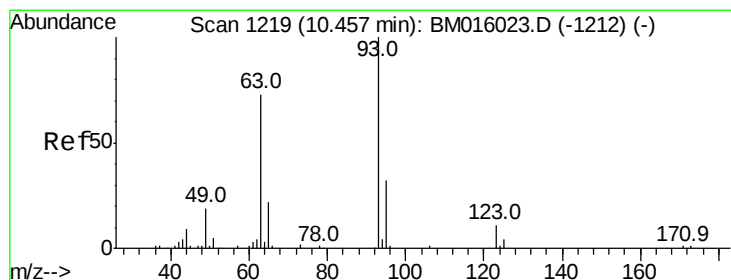
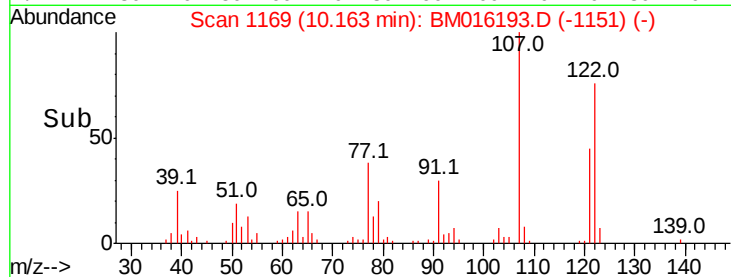
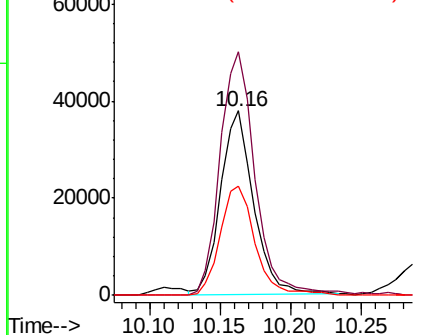
#27  
 2,4-Dimethylphenol  
 Concen: 39.605 ng  
 RT: 10.16 min Scan# 1169  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:122 Resp: 61328  
 Ion Ratio Lower Upper  
 122 100  
 107 132.2 84.7 127.1#  
 121 59.3 46.6 69.8

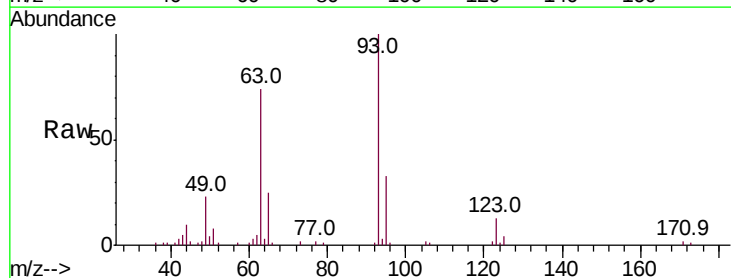


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

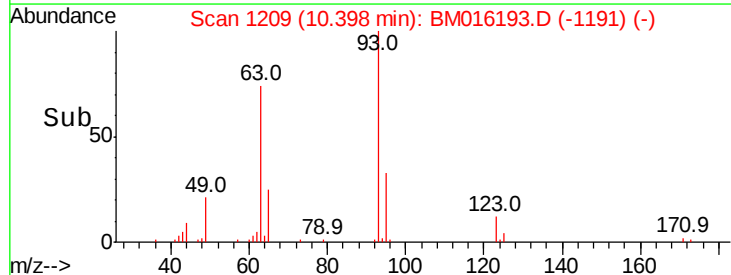
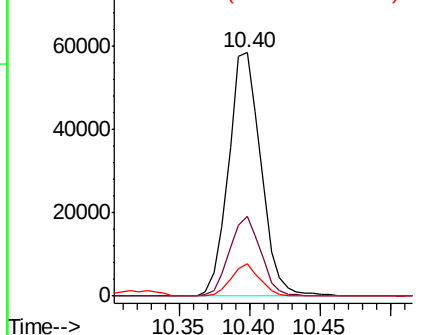


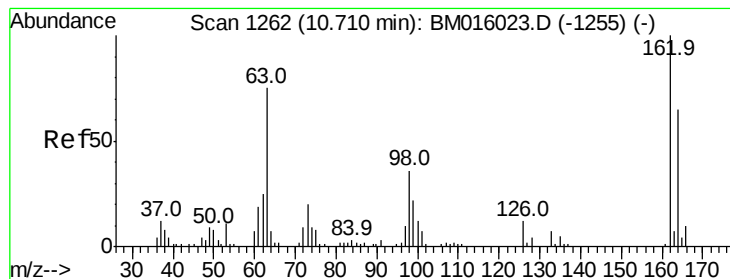
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.758 ng  
 RT: 10.40 min Scan# 1209  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Tgt Ion: 93 Resp: 93497  
 Ion Ratio Lower Upper  
 93 100  
 95 32.6 25.5 38.3  
 123 13.1 8.6 13.0#



Abundance Ion 93.00 (92.70 to 93.70): BM0  
 Ion 95.00 (94.70 to 95.70): BM0  
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 40.983 ng

RT: 10.65 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

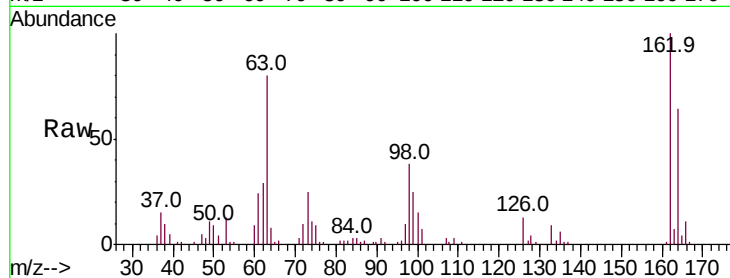
Tot Ion:162 Resp: 75411

Ion Ratio Lower Upper

162 100

164 64.0 42.8 82.8

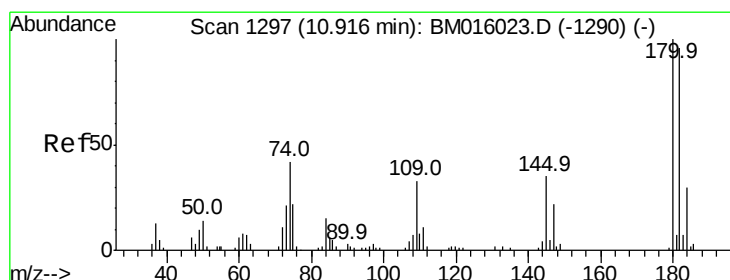
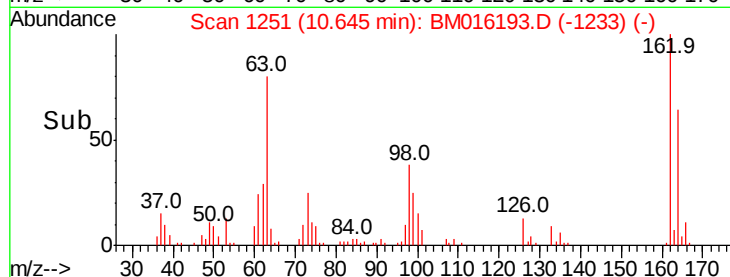
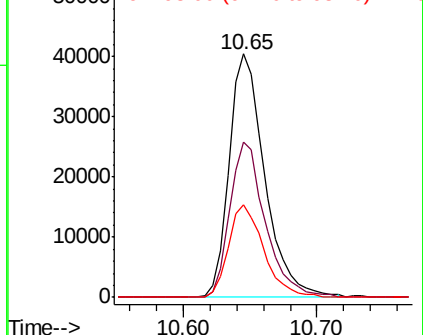
98 38.1 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 38.470 ng

RT: 10.85 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

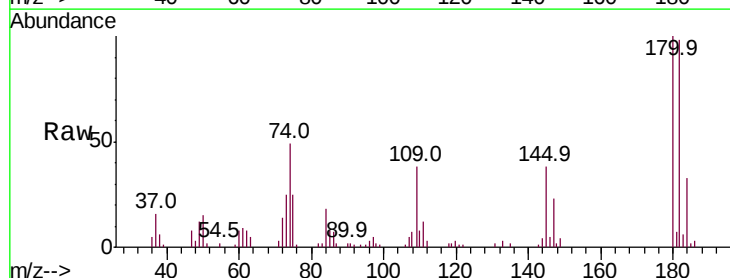
Tgt Ion:180 Resp: 86008

Ion Ratio Lower Upper

180 100

182 98.3 77.6 116.4

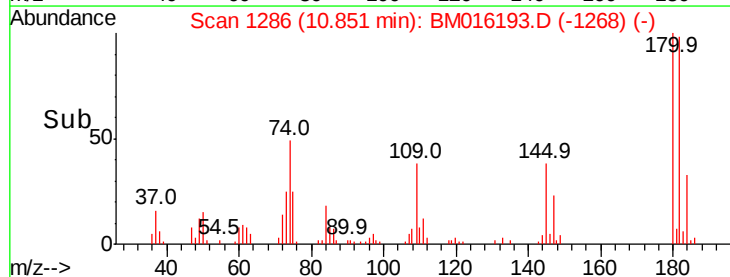
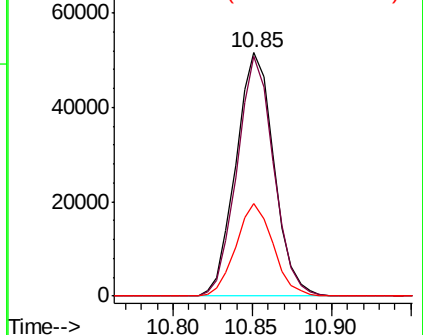
145 37.9 23.4 35.2#

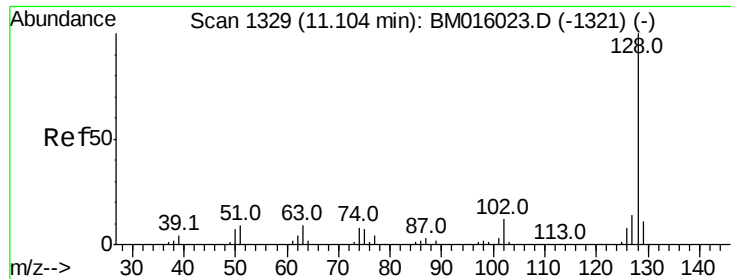


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

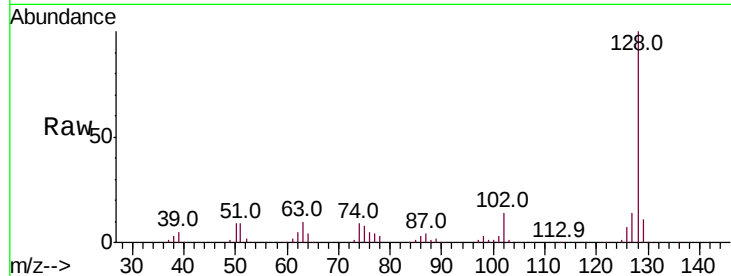




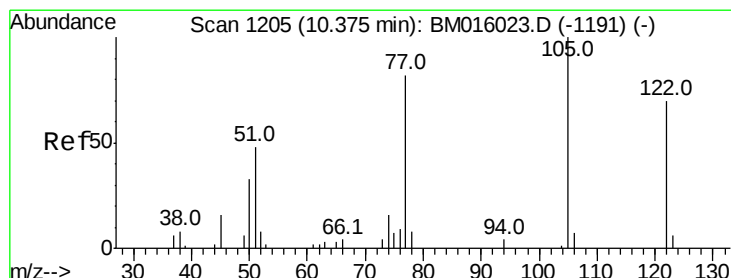
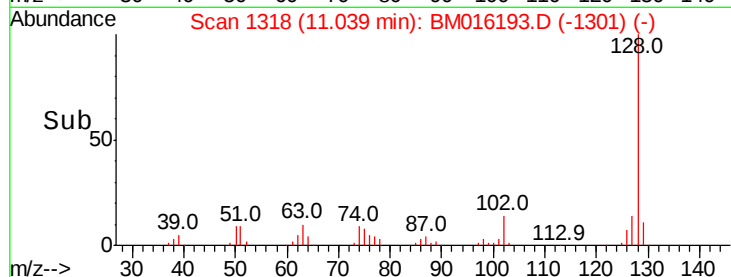
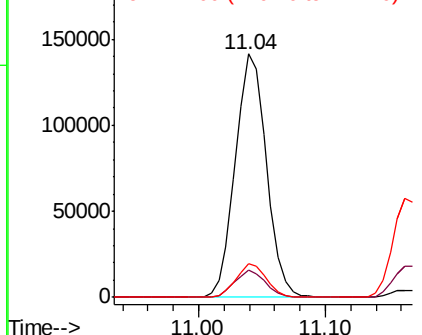
#31  
Naphthalene  
Concen: 38.684 ng  
RT: 11.04 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 240875  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.9 13.3  
127 14.0 10.4 15.6

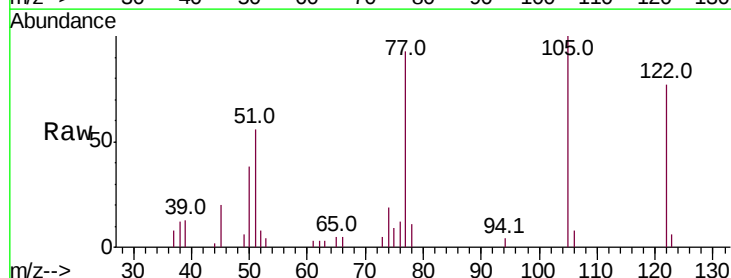


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

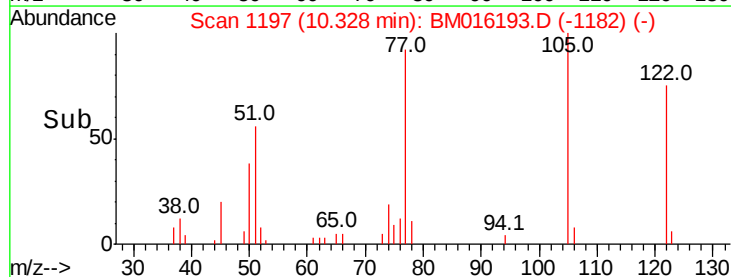
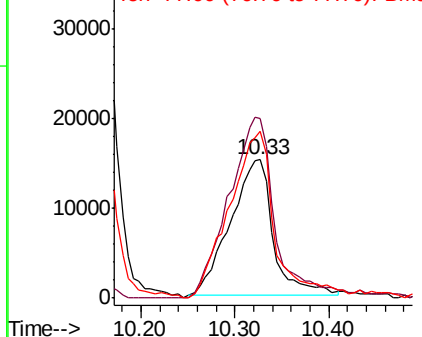


#32  
Benzoic acid  
Concen: 40.387 ng  
RT: 10.33 min Scan# 1197  
Delta R.T. -0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion:122 Resp: 47674  
Ion Ratio Lower Upper  
122 100  
105 129.5 99.9 139.9  
77 120.6 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

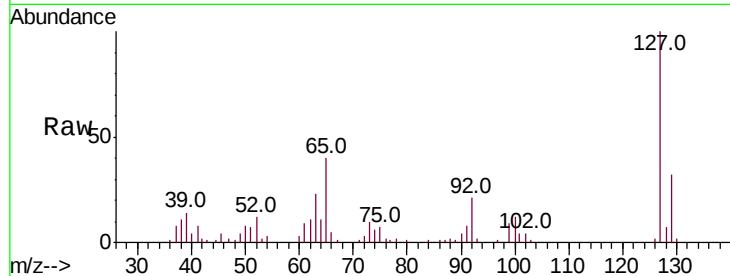




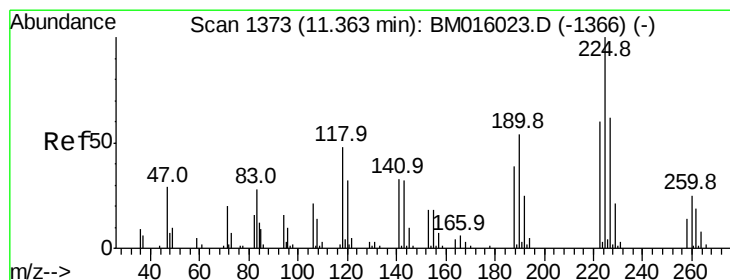
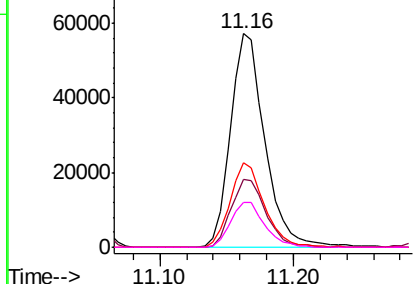
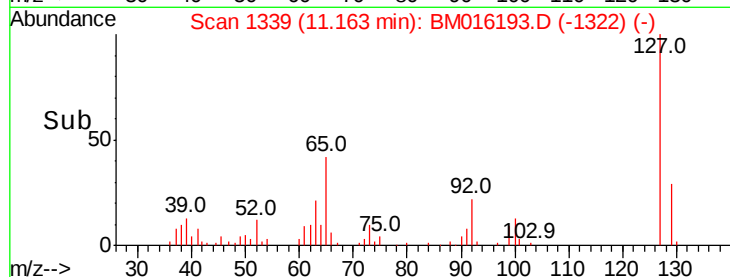
#33  
4-Chloroaniline  
Concen: 40.361 ng  
RT: 11.16 min Scan# 1339  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 102554 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.6  | 25.3  | 37.9   |
| 65       | 39.7  | 17.6  | 26.4#  |
| 92       | 20.9  | 13.1  | 19.7#  |

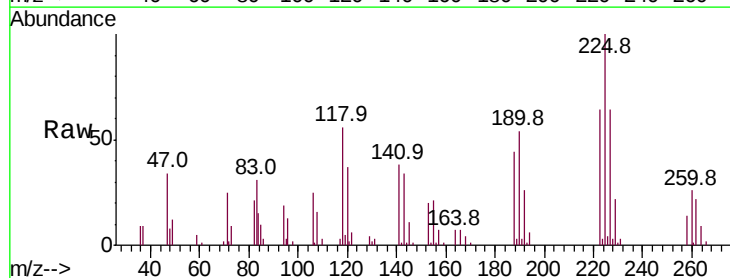


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

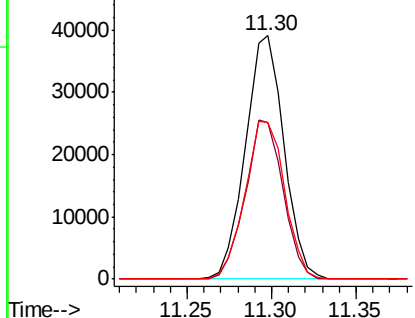
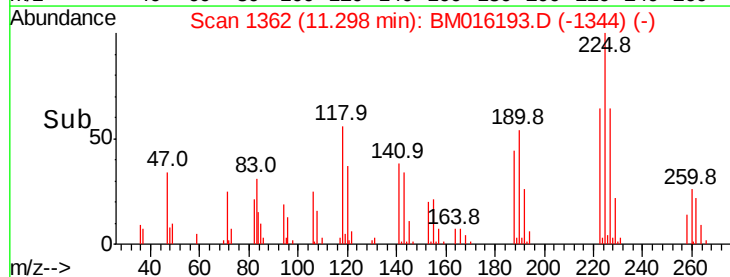


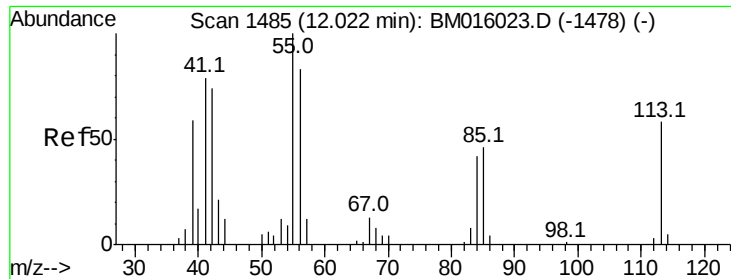
#34  
Hexachlorobutadiene  
Concen: 40.117 ng  
RT: 11.30 min Scan# 1362  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 62214 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.1  | 47.9  | 71.9  |
| 227      | 64.2  | 50.1  | 75.1  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.082 ng

RT: 11.97 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

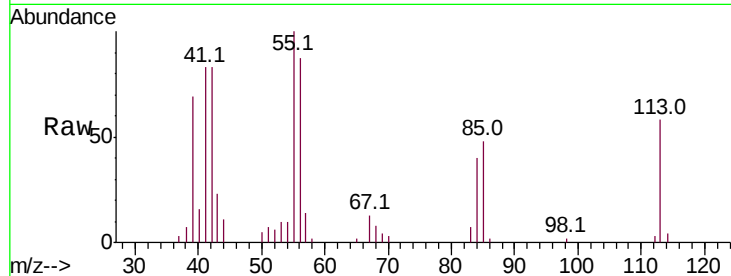
Tot Ion:113 Resp: 20937

Ion Ratio Lower Upper

113 100

55 171.8 145.9 185.9

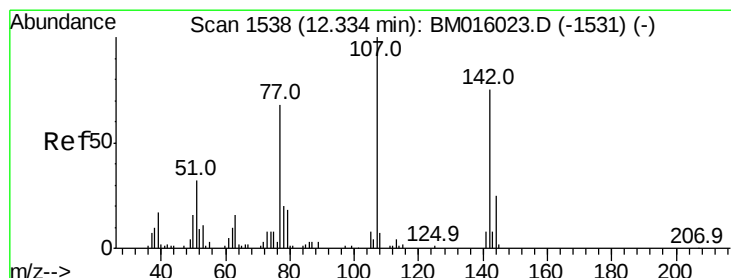
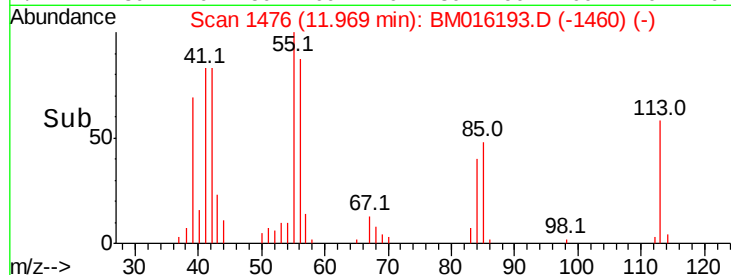
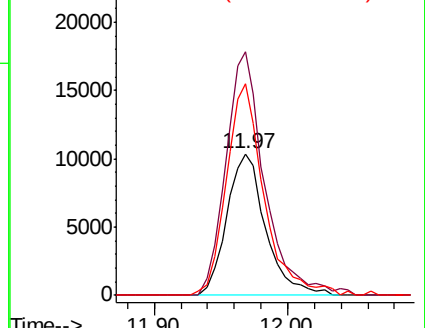
56 149.7 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 42.088 ng

RT: 12.27 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

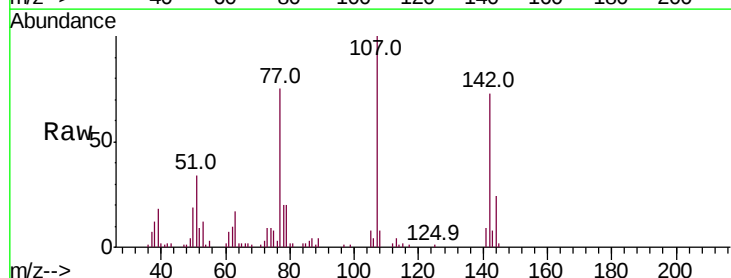
Tgt Ion:107 Resp: 85180

Ion Ratio Lower Upper

107 100

144 24.0 23.3 34.9

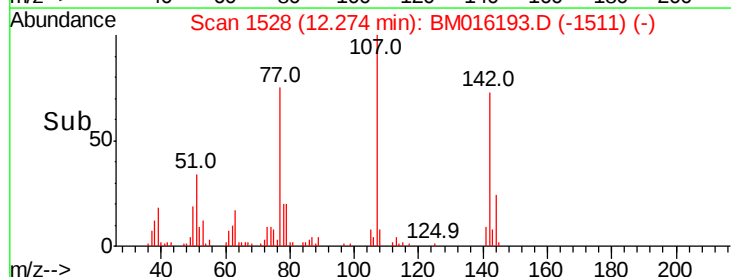
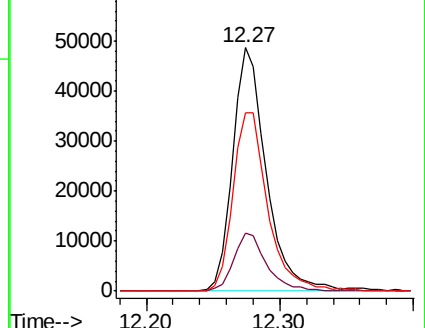
142 73.1 72.6 109.0

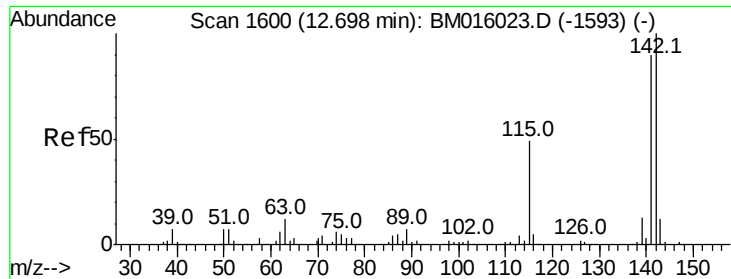


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

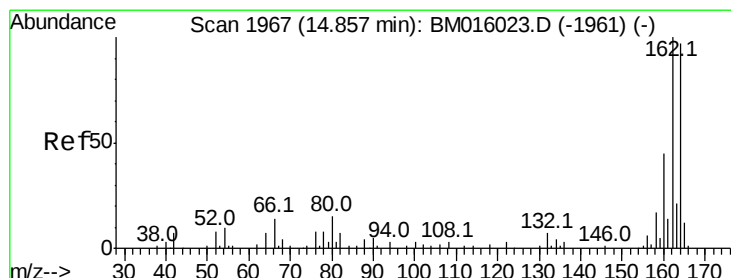
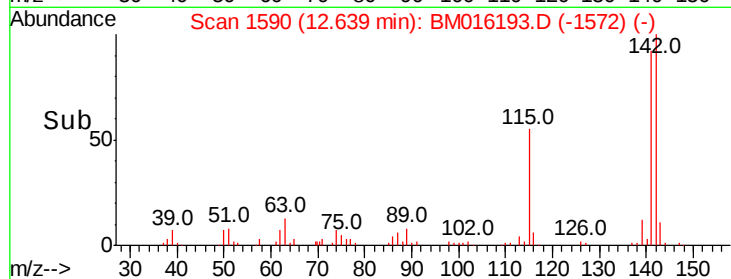
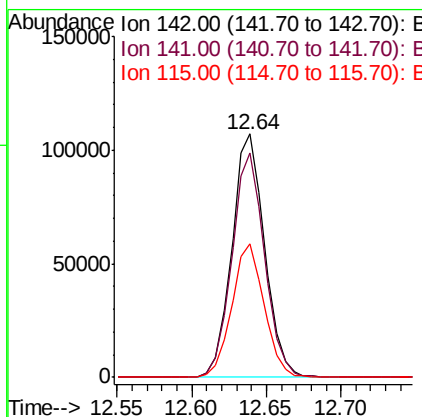
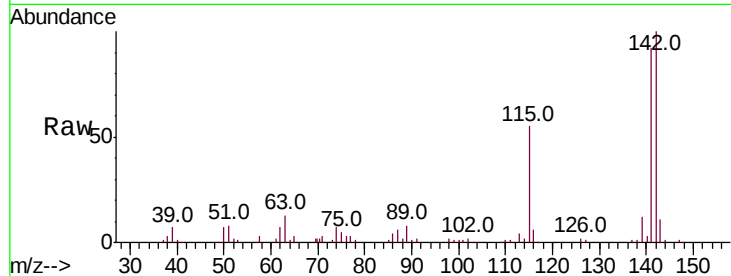




#37  
2-Methylnaphthalene  
Concen: 39.193 ng  
RT: 12.64 min Scan# 1590  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

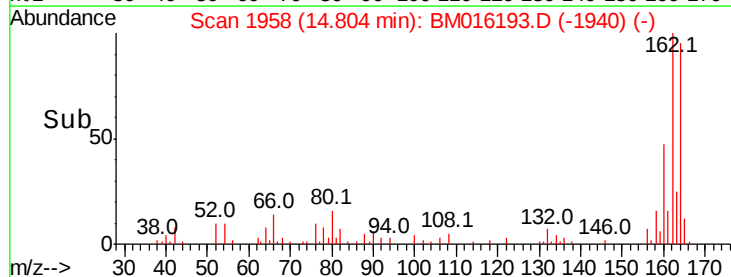
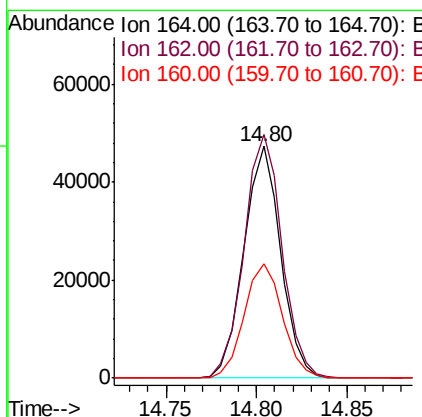
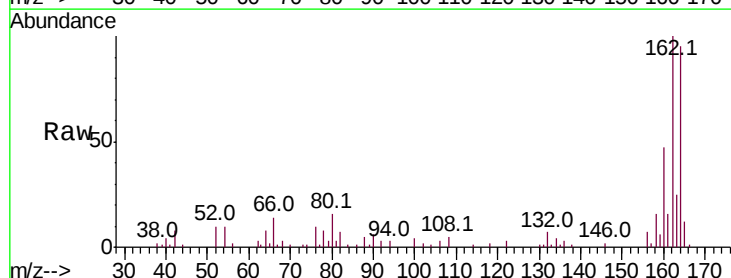
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

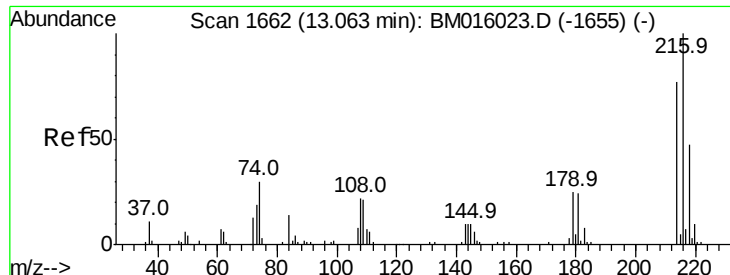
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.3  | 71.9  | 107.9 |
| 115     | 54.7  | 25.4  | 38.0  |



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.80 min Scan# 1958  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.0 | 82.4  | 123.6 |
| 160     | 49.1  | 35.8  | 53.6  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.549 ng

RT: 13.00 min Scan# 1652

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 89947

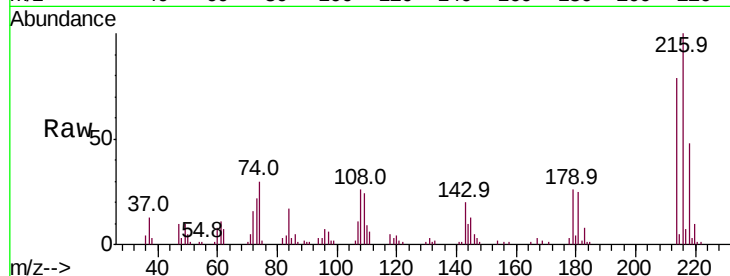
Ion Ratio Lower Upper

216 100

214 78.1 0.0 0.0#

179 26.2 0.0 0.0#

108 26.3 0.0 0.0#

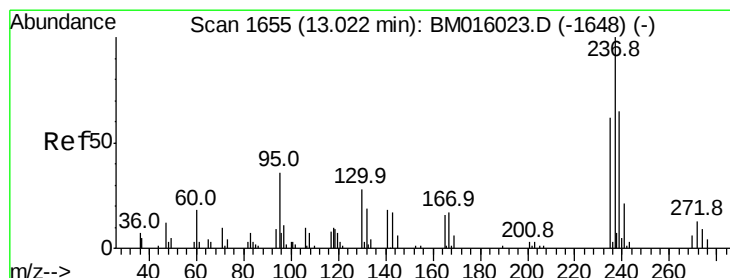
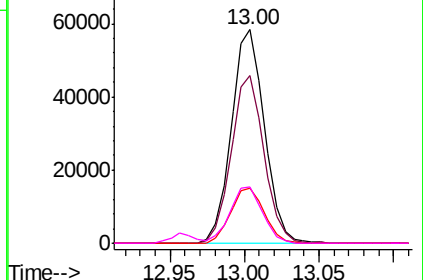
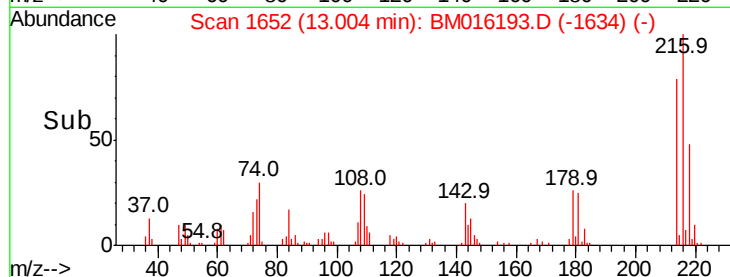


Abundance Ion 216.00 (215.70 to 216.70): E

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: 38.488 ng

RT: 12.96 min Scan# 1645

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

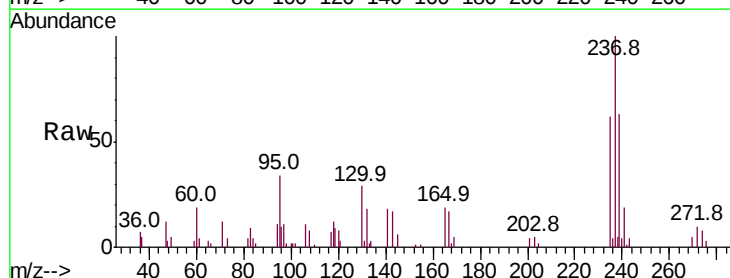
Tgt Ion:237 Resp: 38051

Ion Ratio Lower Upper

237 100

235 61.6 42.0 82.0

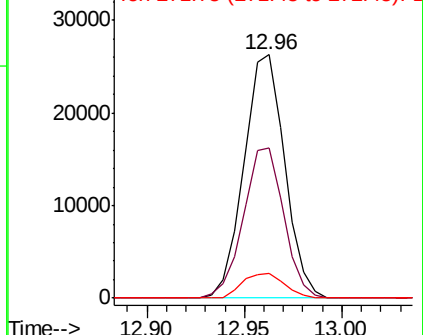
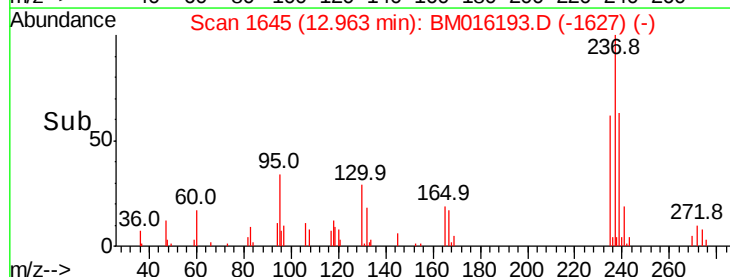
272 10.3 0.0 33.4

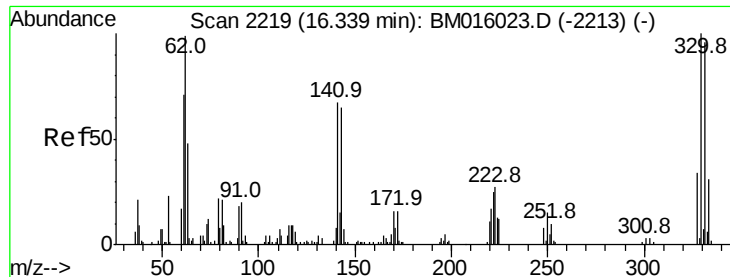


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

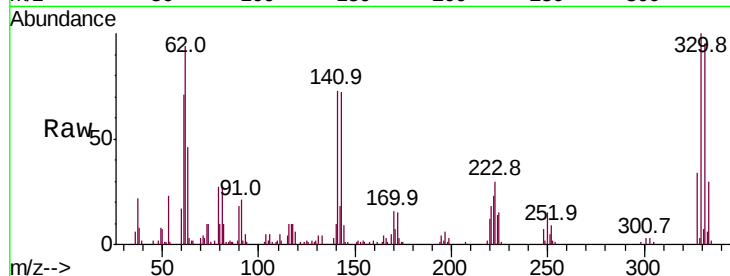




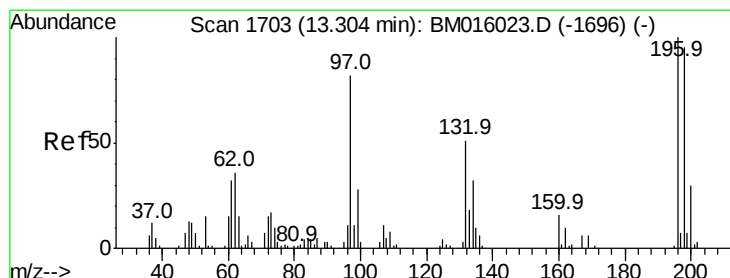
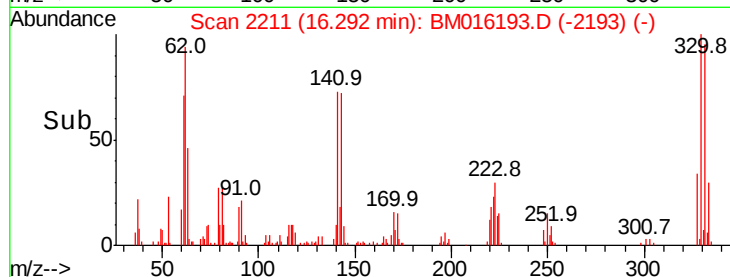
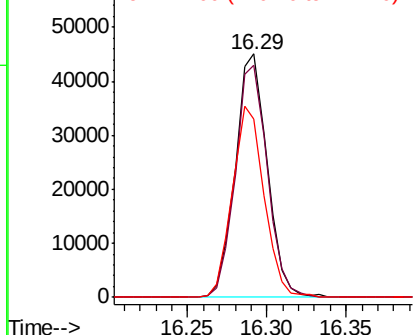
#41  
 2,4,6-Tribromophenol  
 Concen: 38.488 ng  
 RT: 16.29 min Scan# 2211  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:330 Resp: 63060  
 Ion Ratio Lower Upper  
 330 100  
 332 95.3 0.0 0.0#  
 141 78.0 0.0 0.0#

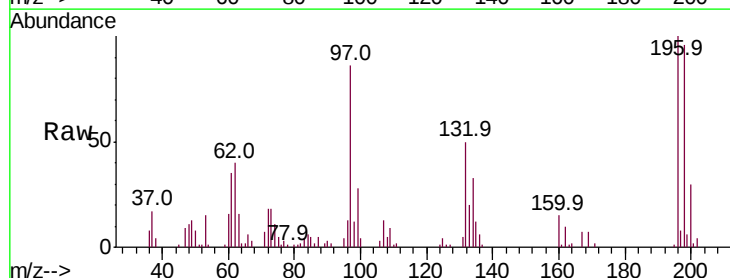


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

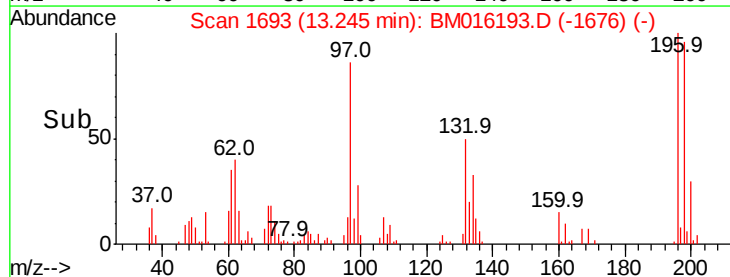
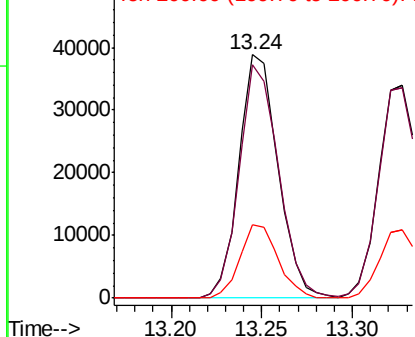


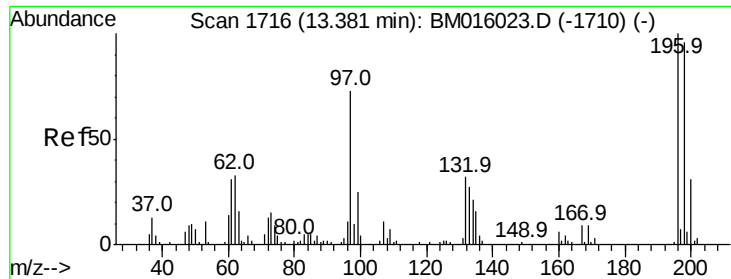
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.972 ng  
 RT: 13.24 min Scan# 1693  
 Delta R.T. -0.00 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Tgt Ion:196 Resp: 58301  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.3 114.5  
 200 30.2 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

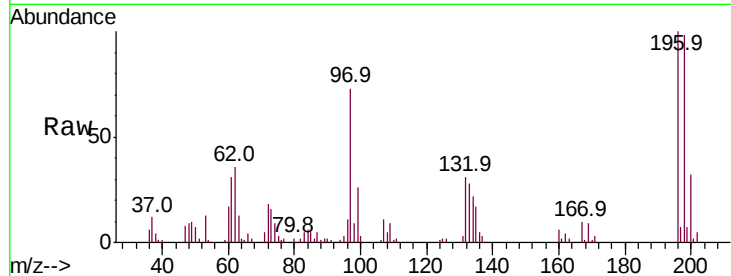




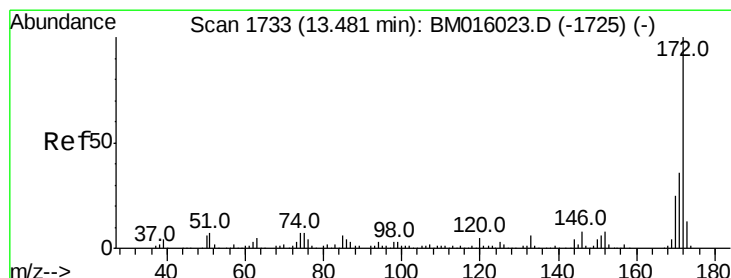
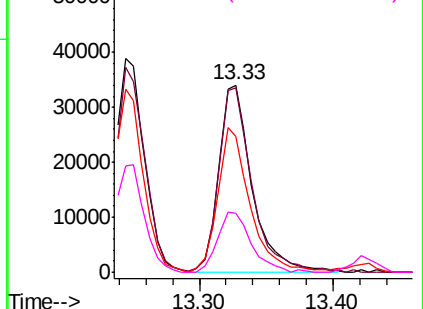
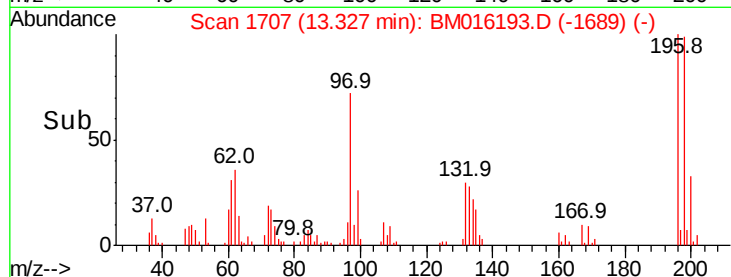
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.929 ng  
 RT: 13.33 min Scan# 1707  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTCCCC040

Tot Ion:196 Resp: 60074  
 Ion Ratio Lower Upper  
 196 100  
 198 98.4 79.4 119.0  
 97 72.8 26.8 40.2#  
 132 31.2 18.6 28.0#

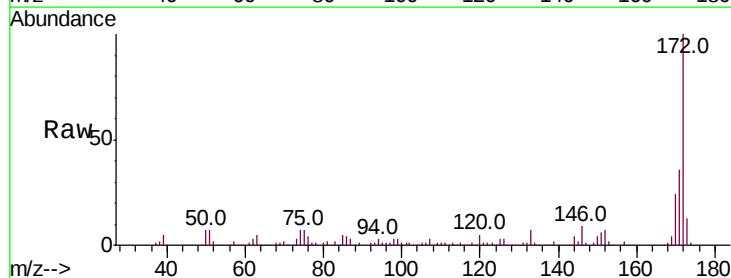


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BM  
 Ion 132.00 (131.70 to 132.70): E

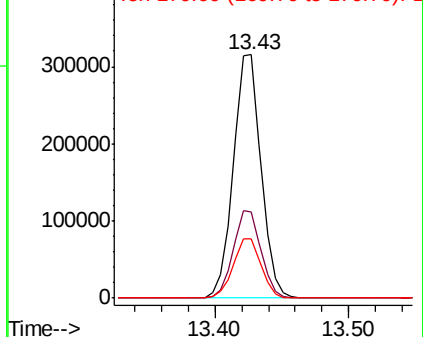
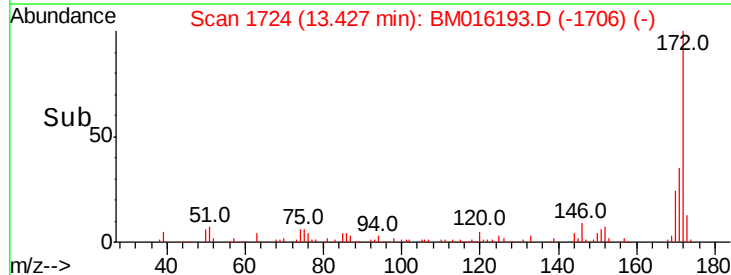


#44  
 2-Fluorobiphenyl  
 Concen: 40.929 ng  
 RT: 13.43 min Scan# 1724  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Tgt Ion:172 Resp: 455055  
 Ion Ratio Lower Upper  
 172 100  
 171 35.6 28.5 42.7  
 170 24.2 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

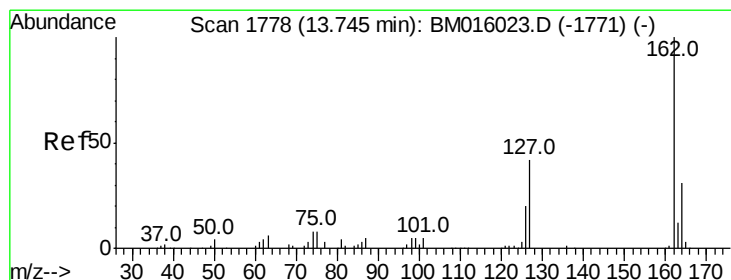
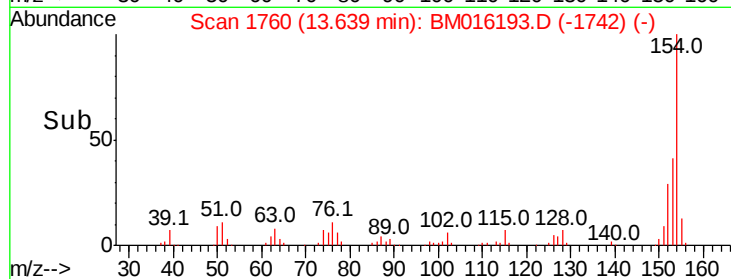
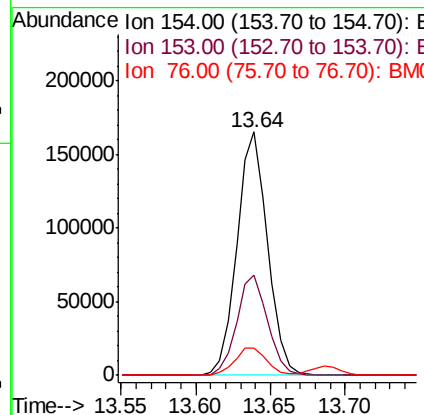
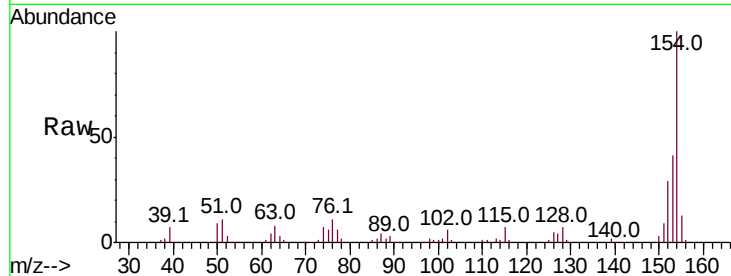




#45  
 1,1'-Biphenyl  
 Concen: 39.108 ng  
 RT: 13.64 min Scan# 1760  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

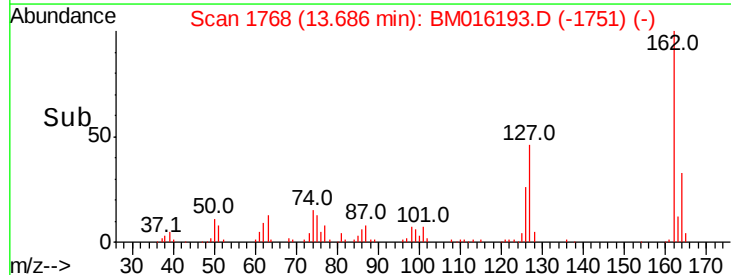
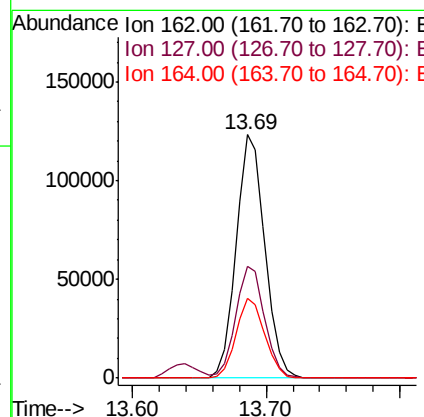
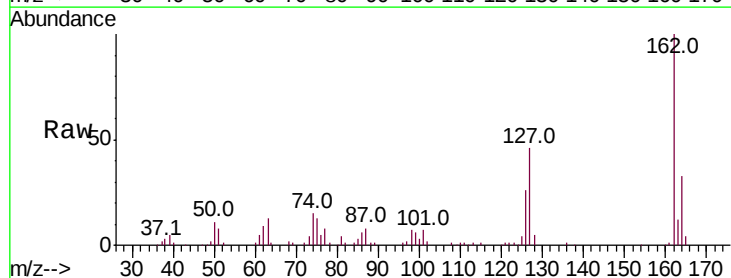
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

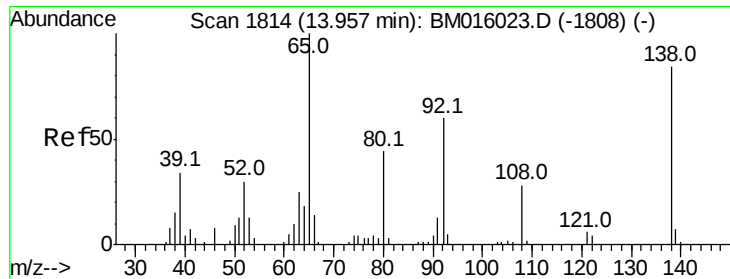
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.2  | 20.7  | 60.7  |
| 76      | 11.4  | 0.0   | 30.9  |



#46  
 2-Chloronaphthalene  
 Concen: 39.302 ng  
 RT: 13.69 min Scan# 1768  
 Delta R.T. -0.00 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 46.1  | 26.9  | 40.3# |
| 164     | 33.0  | 26.8  | 40.2  |

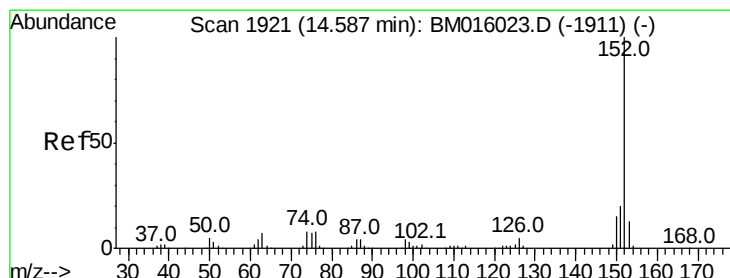
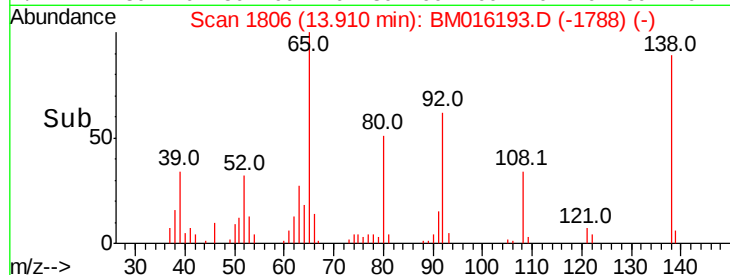
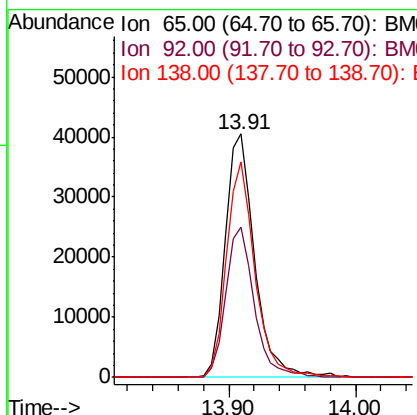
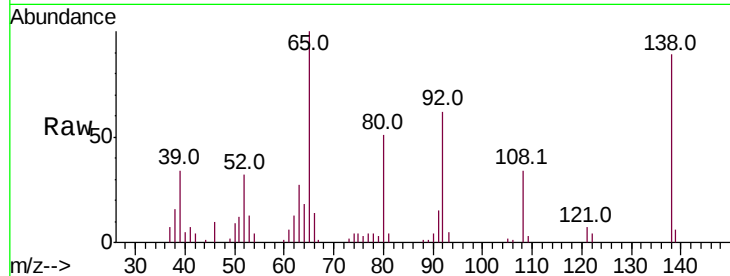




#47  
 2-Nitroaniline  
 Concen: 41.773 ng  
 RT: 13.91 min Scan# 1806  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

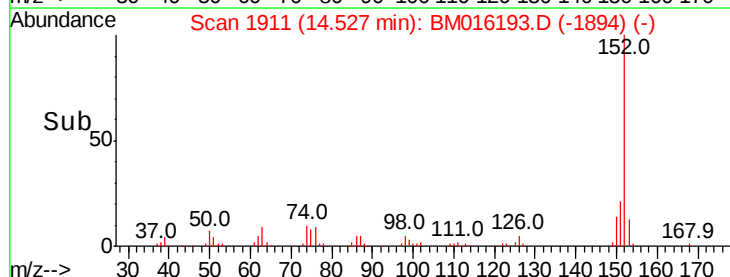
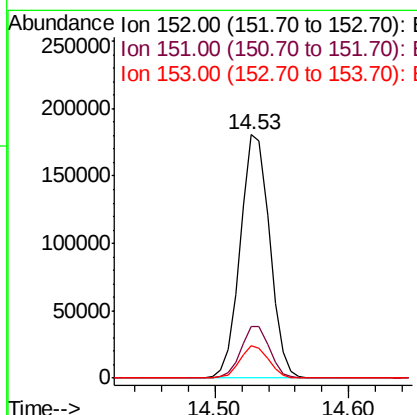
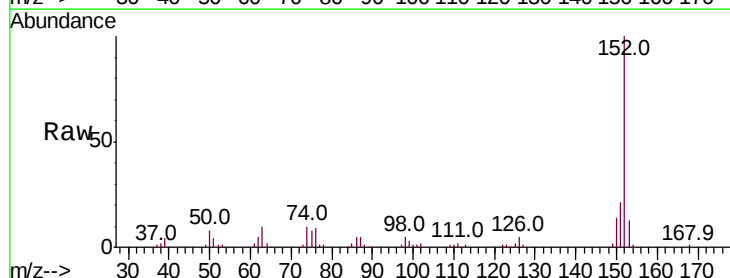
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

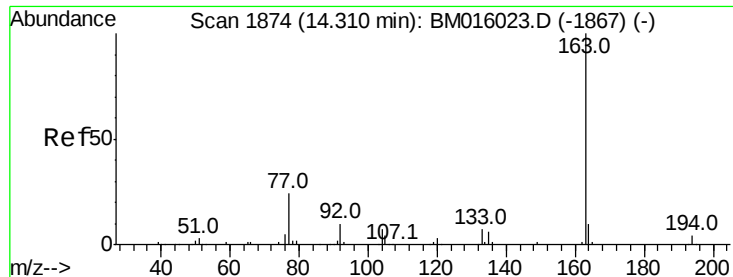
Tot Ion: 65 Resp: 64760  
 Ion Ratio Lower Upper  
 65 100  
 92 61.6 59.1 88.7  
 138 88.5 93.9 140.9#



#48  
 Acenaphthylene  
 Concen: 40.090 ng  
 RT: 14.53 min Scan# 1911  
 Delta R.T. -0.00 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Tgt Ion:152 Resp: 275201  
 Ion Ratio Lower Upper  
 152 100  
 151 21.1 15.9 23.9  
 153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 40.073 ng

RT: 14.26 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

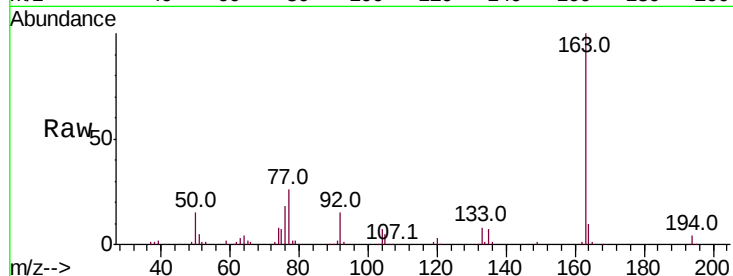
Tot Ion:163 Resp: 234281

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

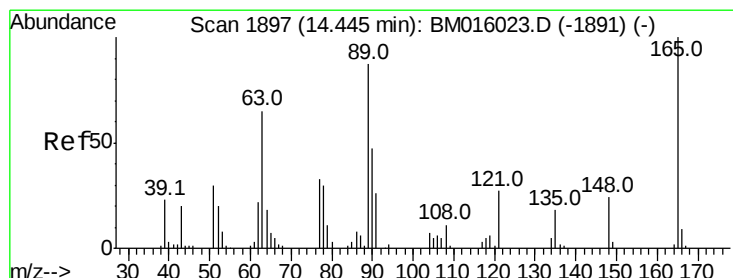
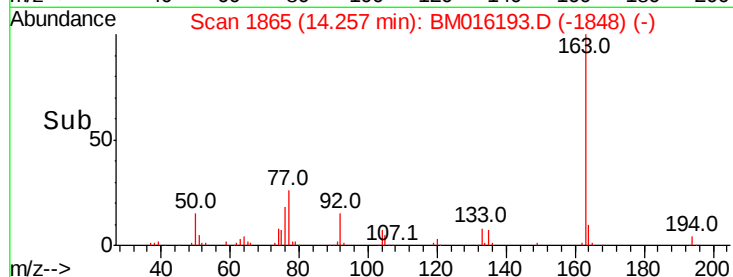
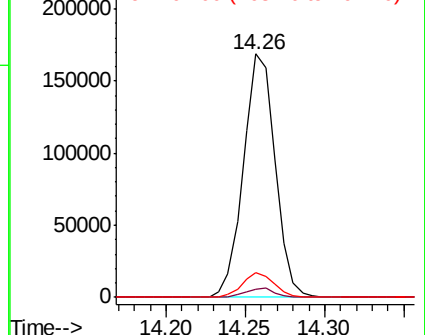
164 10.4 8.2 12.2



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: 40.252 ng

RT: 14.40 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

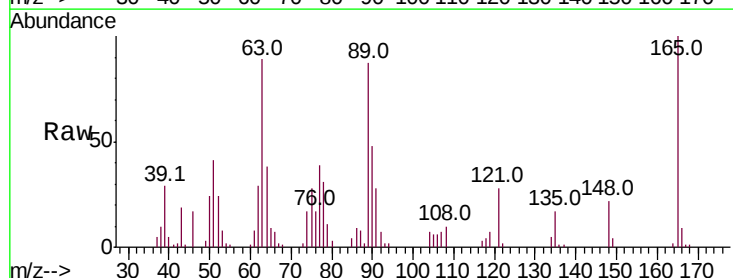
Tgt Ion:165 Resp: 47349

Ion Ratio Lower Upper

165 100

63 89.5 44.1 66.1#

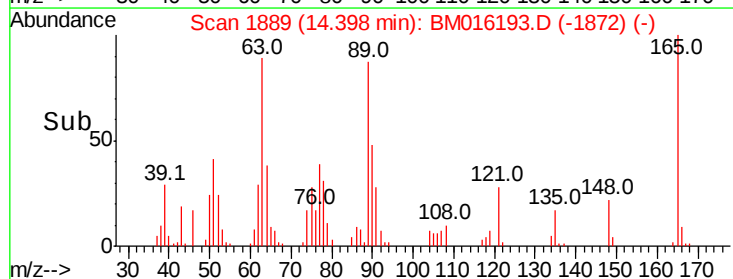
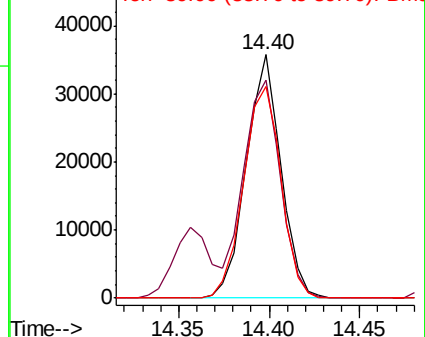
89 86.7 44.3 66.5#

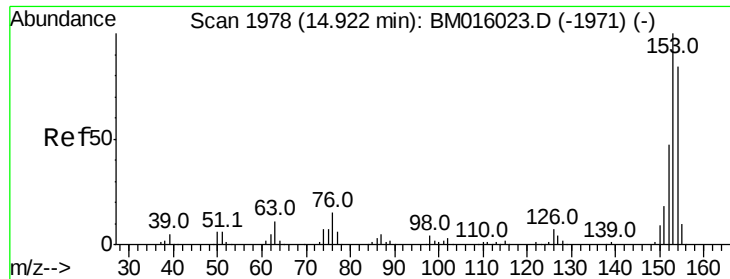


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 39.211 ng

RT: 14.87 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

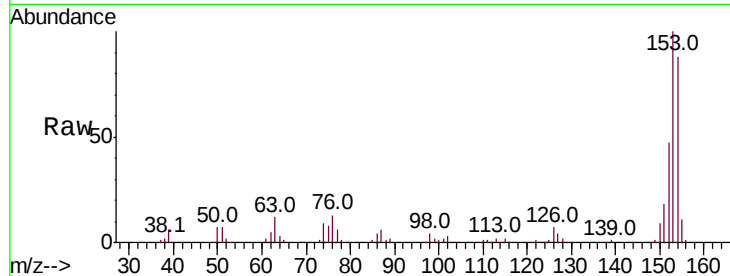
Tot Ion:154 Resp: 165541

Ion Ratio Lower Upper

154 100

153 113.2 90.0 135.0

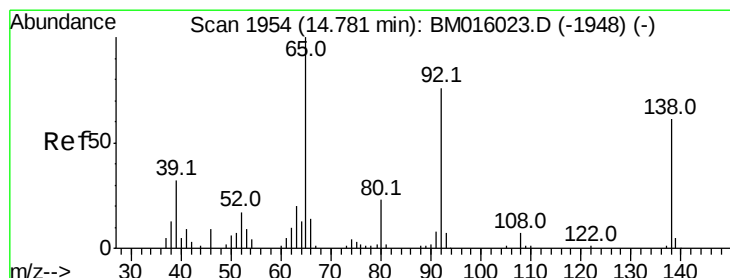
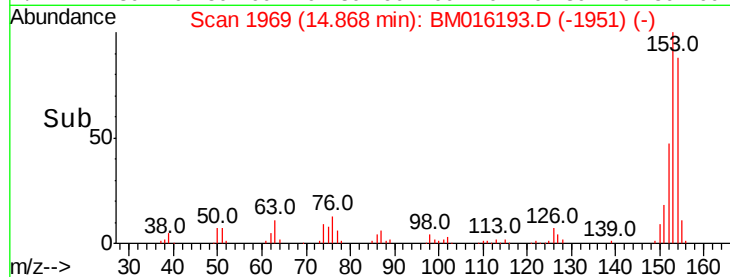
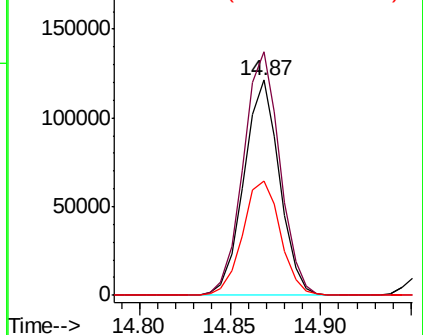
152 52.9 42.6 63.8



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: 38.916 ng

RT: 14.73 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

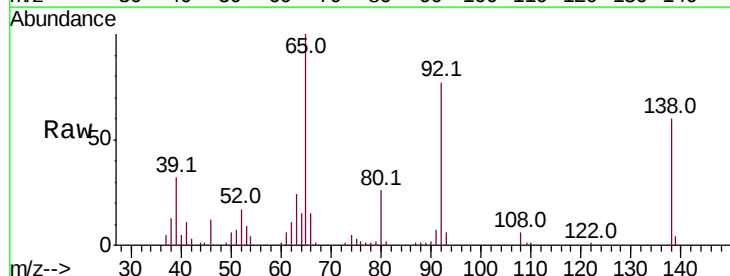
Tgt Ion:138 Resp: 49445

Ion Ratio Lower Upper

138 100

108 10.3 7.3 10.9

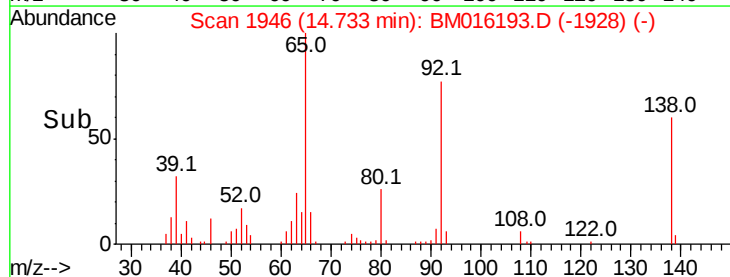
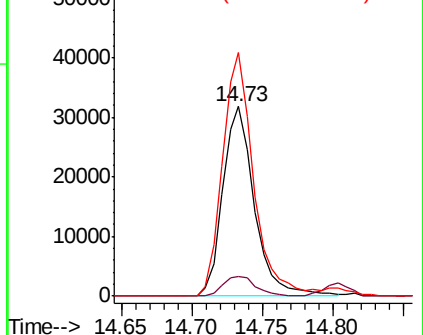
92 128.3 76.6 114.8#



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): E

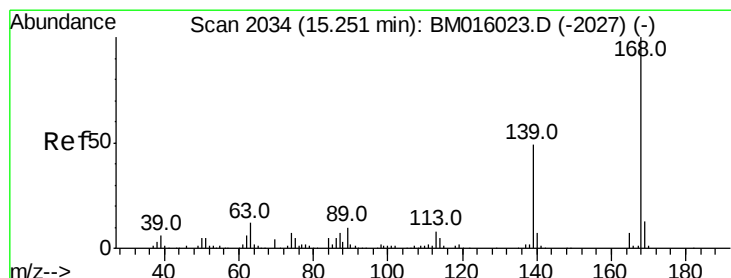
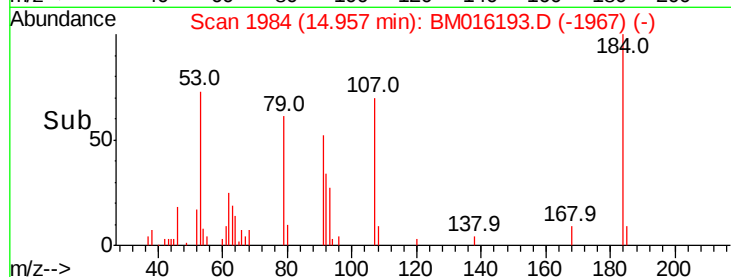
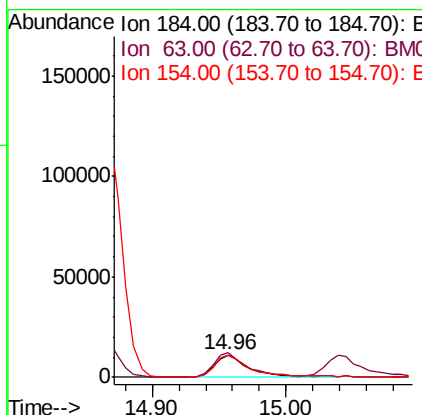
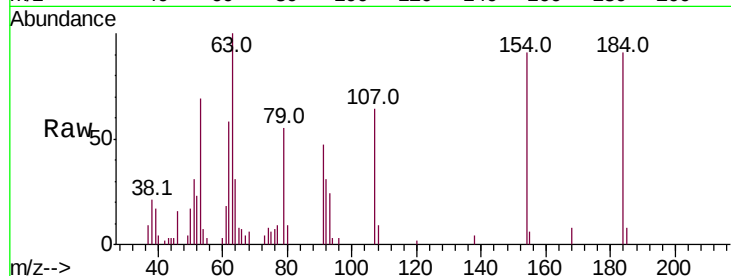




#53  
2,4-Dinitrophenol  
Concen: 43.410 ng  
RT: 14.96 min Scan# 1984  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

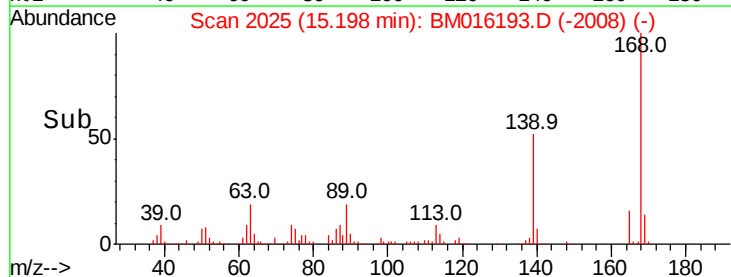
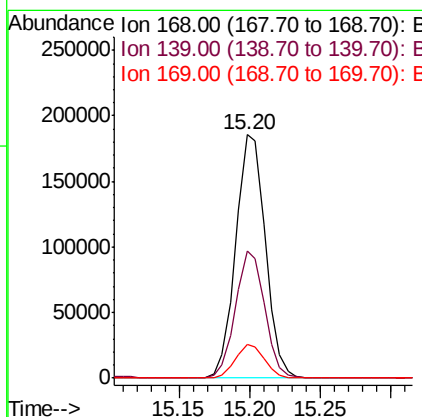
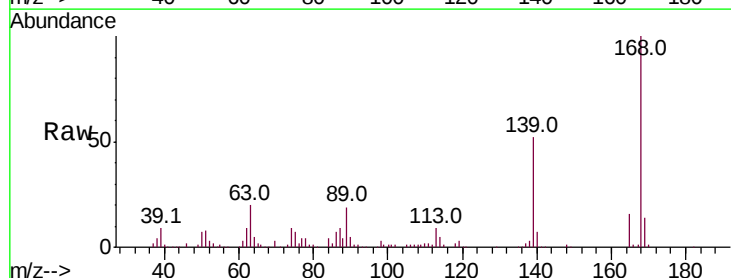
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

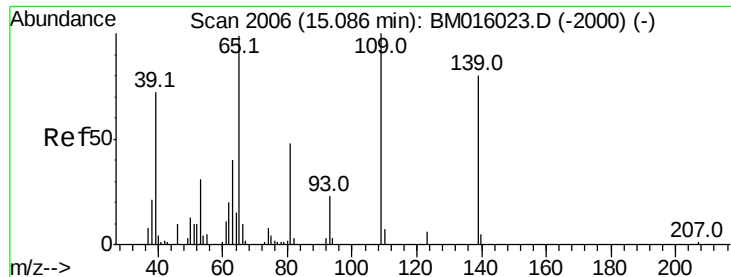
Tot Ion:184 Resp: 20396  
Ion Ratio Lower Upper  
184 100  
63 110.3 69.2 103.8#  
154 100.3 53.3 79.9#



#54  
Dibenzofuran  
Concen: 39.020 ng  
RT: 15.20 min Scan# 2025  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion:168 Resp: 271466  
Ion Ratio Lower Upper  
168 100  
139 52.2 27.3 40.9#  
169 13.6 10.6 16.0

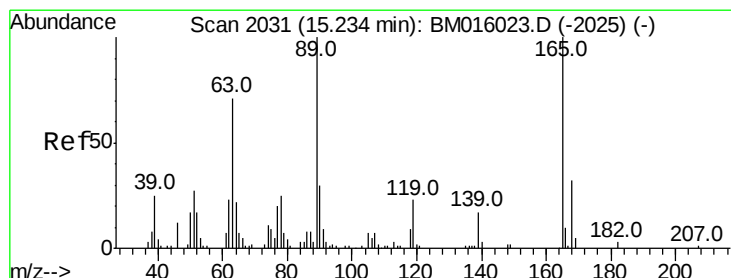
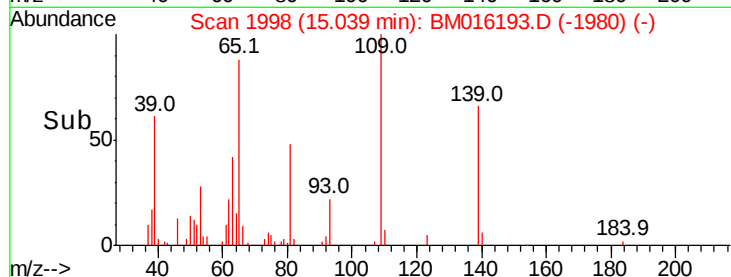
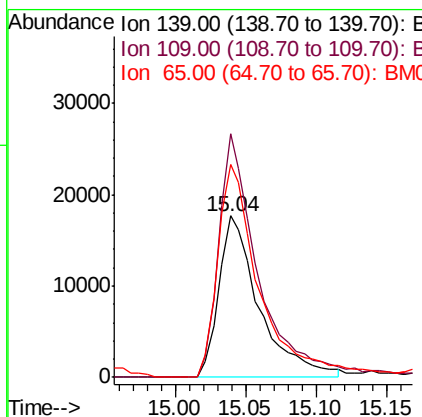
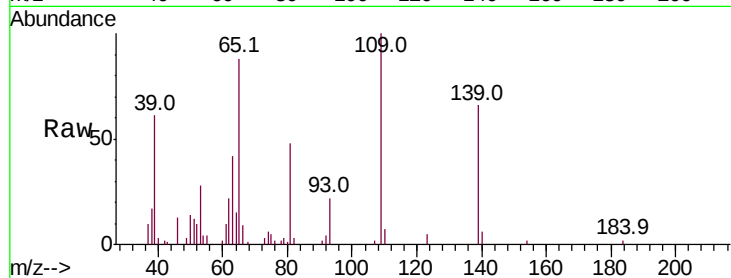




#55  
4-Nitrophenol  
Concen: 38.718 ng  
RT: 15.04 min Scan# 1998  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

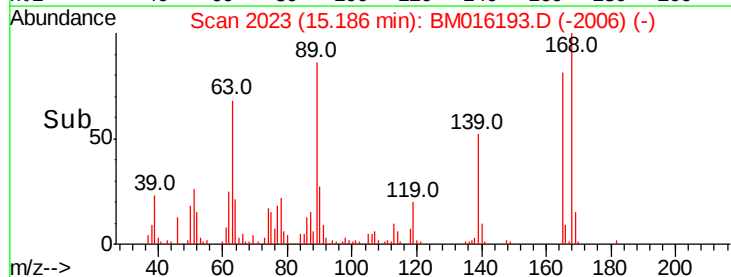
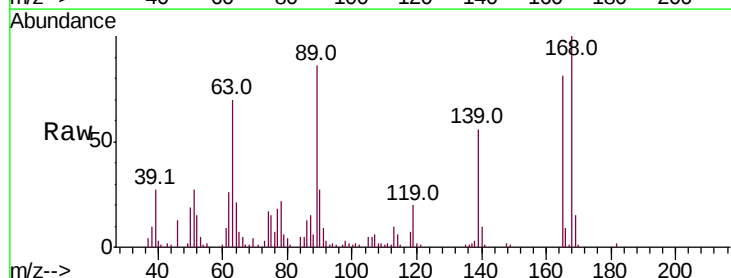
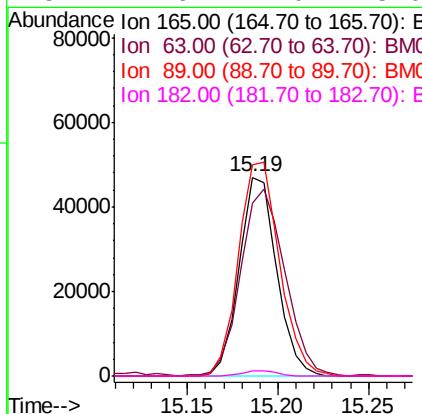
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:139 Resp: 35265  
Ion Ratio Lower Upper  
139 100  
109 151.1 130.0 170.0  
65 132.4 130.0 170.0



#56  
2,4-Dinitrotoluene  
Concen: 40.112 ng  
RT: 15.19 min Scan# 2023  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion:165 Resp: 67468  
Ion Ratio Lower Upper  
165 100  
63 87.0 52.4 78.6#  
89 106.5 72.4 108.6  
182 2.6 2.0 3.0





#57

Fluorene

Concen: 39.898 ng

RT: 15.84 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

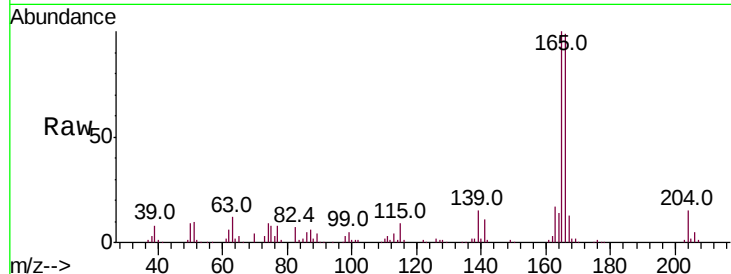
Tot Ion:166 Resp: 206269

Ion Ratio Lower Upper

166 100

165 100.7 79.0 118.4

167 12.9 10.3 15.5

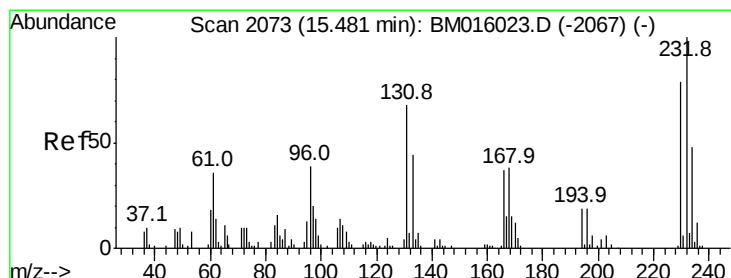
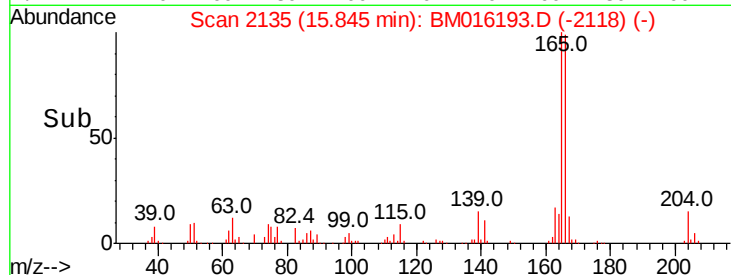
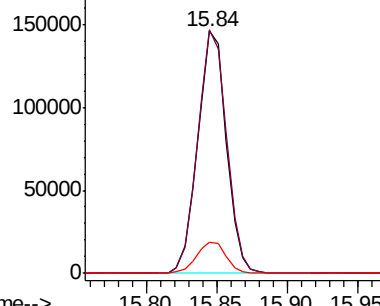


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.729 ng

RT: 15.43 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Tgt Ion:232 Resp: 51384

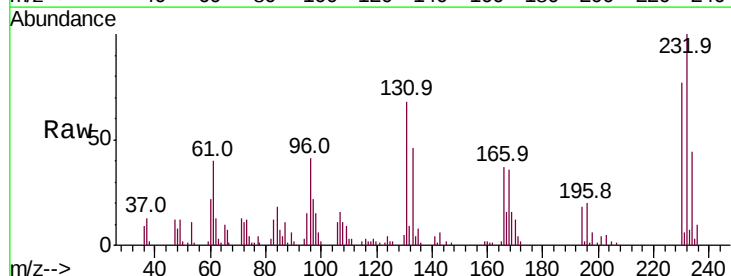
Ion Ratio Lower Upper

232 100

131 70.3 0.0 0.0#

130 5.0 0.0 0.0#

166 39.0 0.0 0.0#



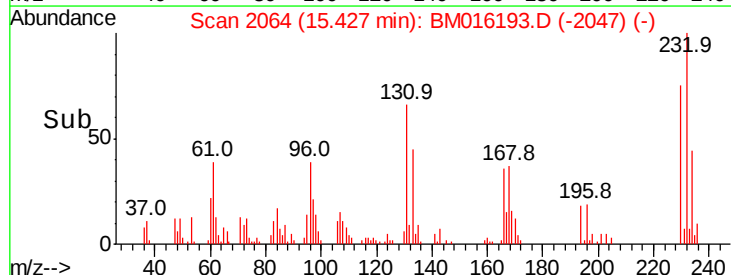
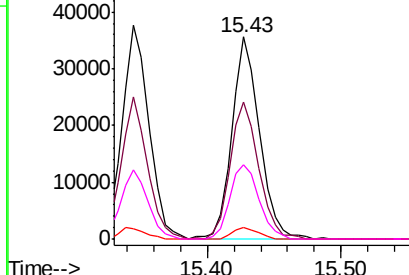
Abundance

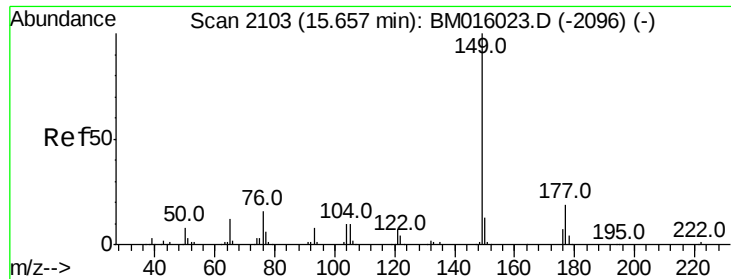
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

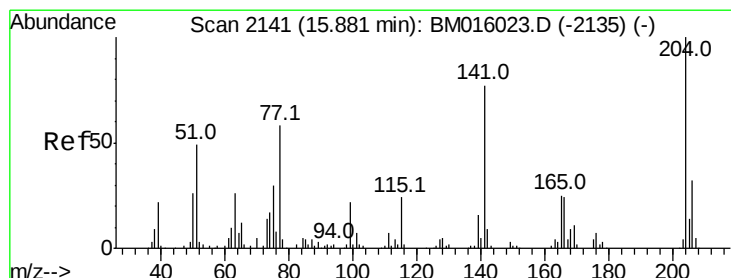
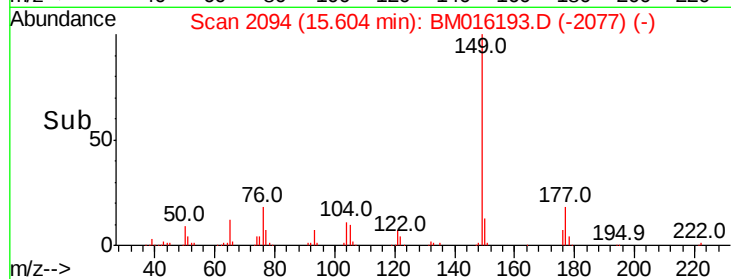
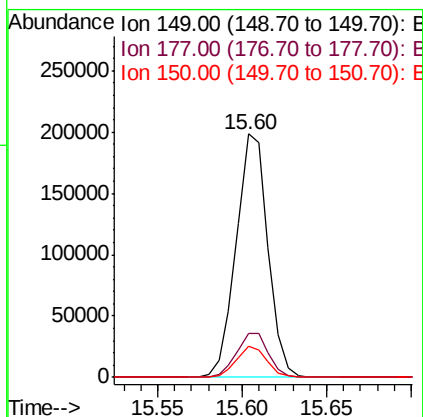
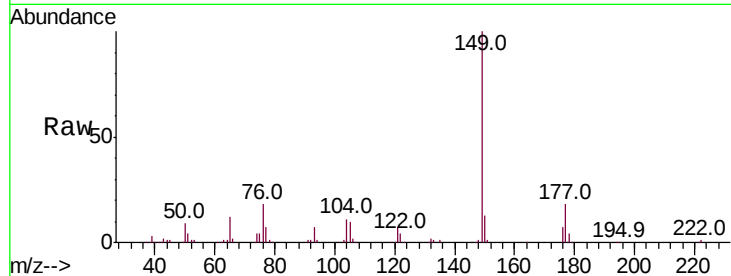




#59  
Diethylphthalate  
Concen: 41.257 ng  
RT: 15.60 min Scan# 2094  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

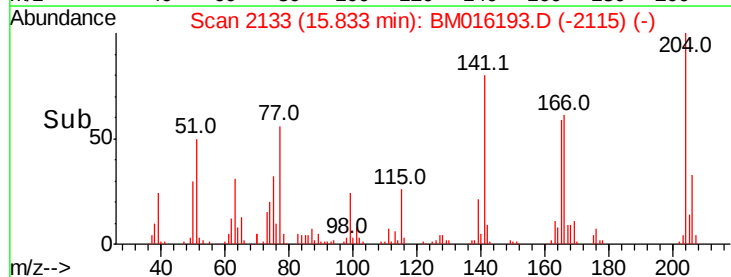
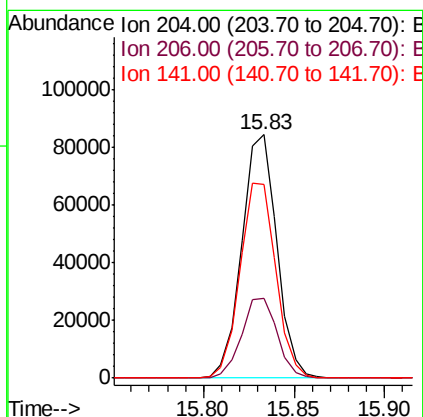
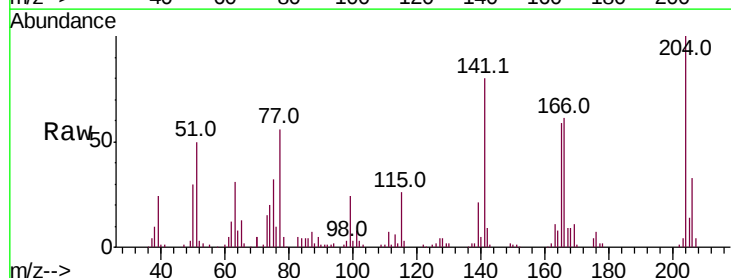
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

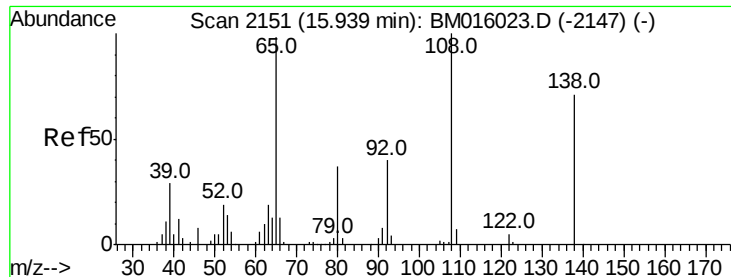
Tot Ion:149 Resp: 259983  
Ion Ratio Lower Upper  
149 100  
177 18.1 18.3 27.5#  
150 12.9 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 39.379 ng  
RT: 15.83 min Scan# 2133  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion:204 Resp: 113333  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.6 39.8  
141 79.6 45.2 67.8#

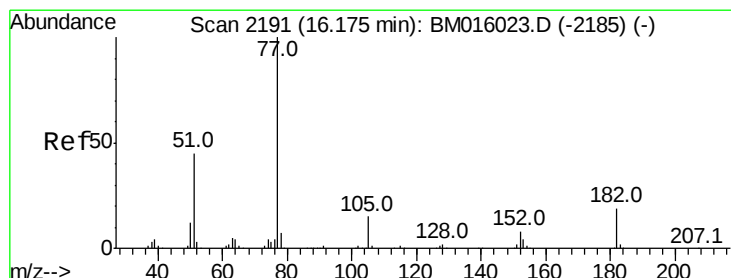
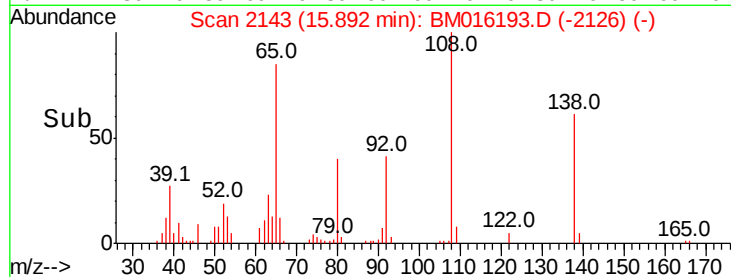
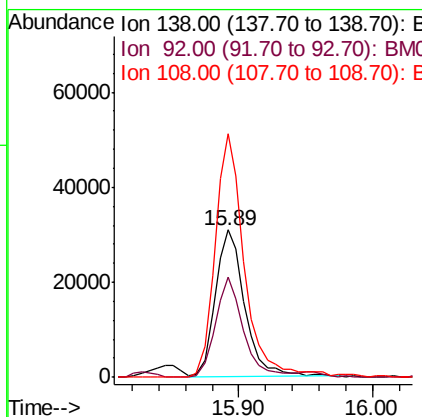
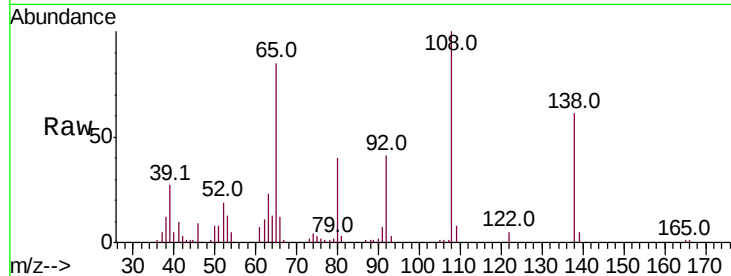




#61  
4-Nitroaniline  
Concen: 38.649 ng  
RT: 15.89 min Scan# 2143  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

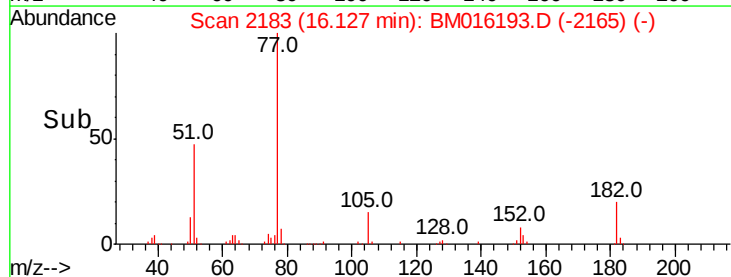
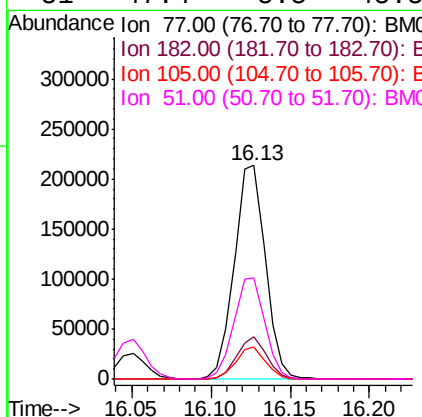
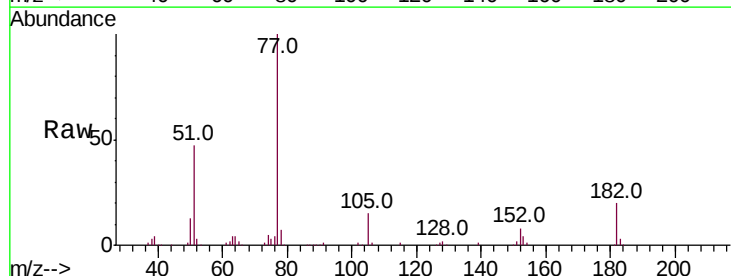
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

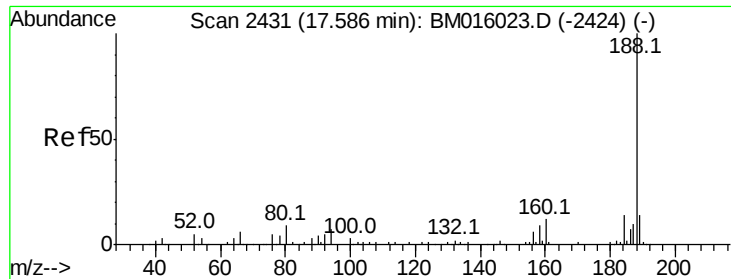
Tot Ion:138 Resp: 47115  
Ion Ratio Lower Upper  
138 100  
92 68.2 16.7 56.7#  
108 165.1 37.6 77.6#



#62  
Azobenzene  
Concen: 43.957 ng  
RT: 16.13 min Scan# 2183  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion: 77 Resp: 291718  
Ion Ratio Lower Upper  
77 100  
182 19.6 6.5 46.5  
105 14.8 3.8 43.8  
51 47.4 5.5 45.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2423

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampled :

SSTDCCC040

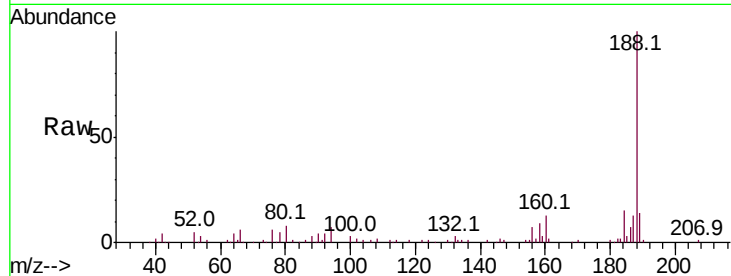
Tot Ion:188 Resp: 144945

Ion Ratio Lower Upper

188 100

94 6.9 8.7 13.1#

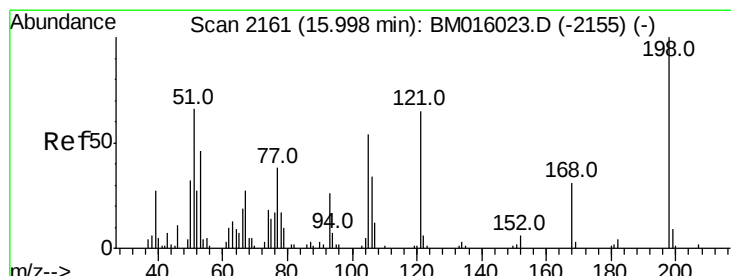
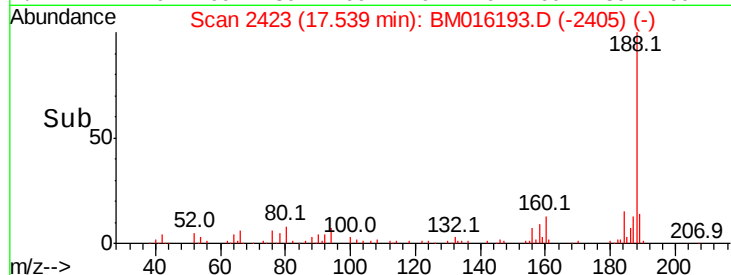
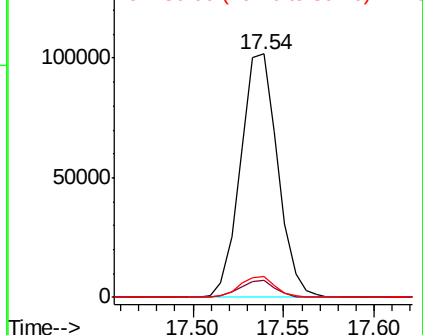
80 8.4 9.3 13.9#



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: 42.086 ng

RT: 15.95 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

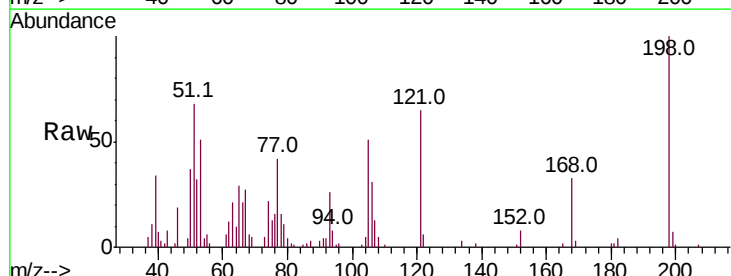
Tgt Ion:198 Resp: 37026

Ion Ratio Lower Upper

198 100

51 68.1 28.8 68.8

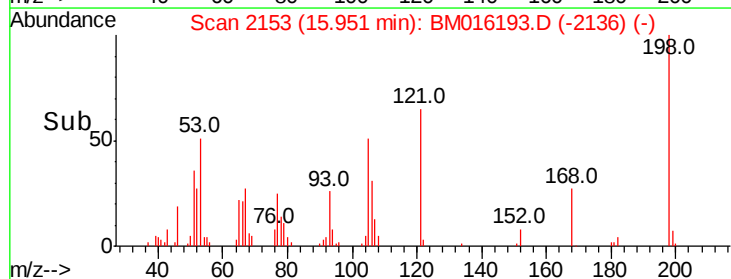
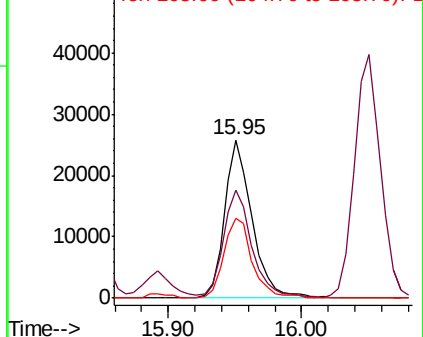
105 50.8 30.5 70.5

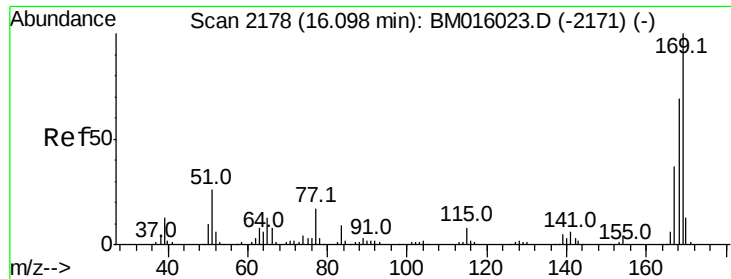


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

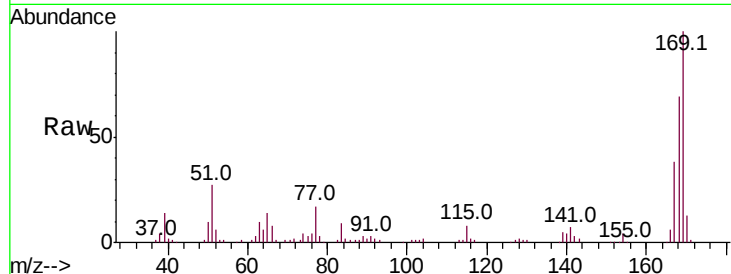




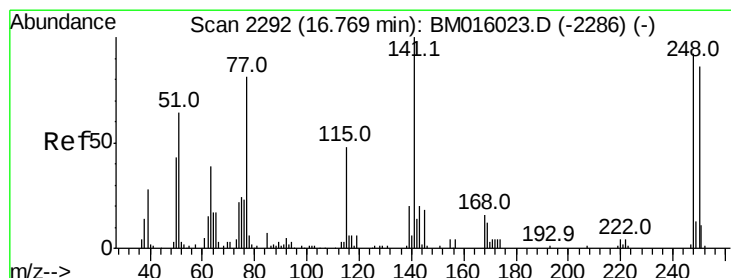
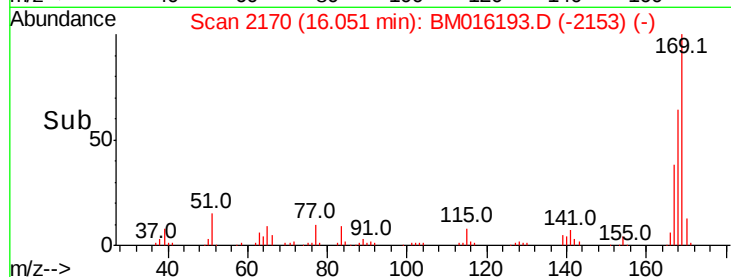
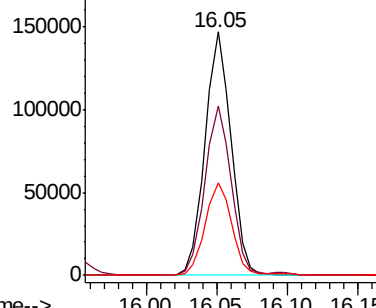
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.693 ng  
 RT: 16.05 min Scan# 2170  
 Delta R.T. -0.00 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:169 Resp: 189449  
 Ion Ratio Lower Upper  
 169 100  
 168 69.4 53.9 80.9  
 167 38.0 28.9 43.3

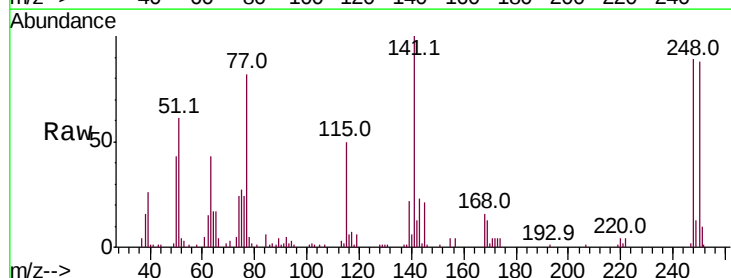


Abundance Ion 169.00 (168.70 to 169.70): E  
 200000 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

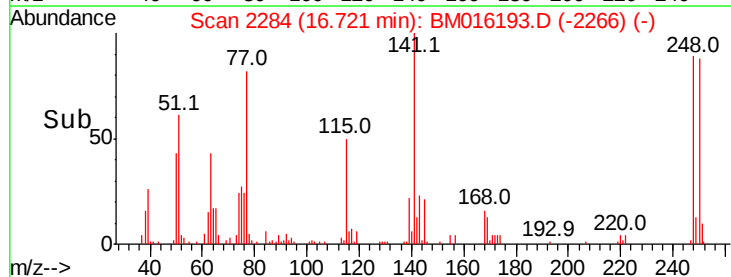
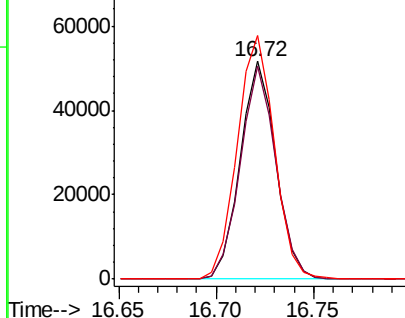


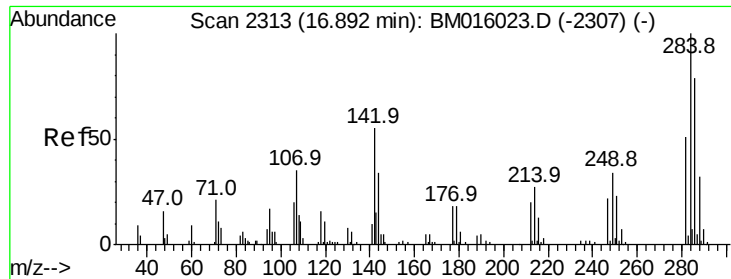
#66  
 4-Bromophenyl-phenylether  
 Concen: 39.723 ng  
 RT: 16.72 min Scan# 2284  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Tgt Ion:248 Resp: 65196  
 Ion Ratio Lower Upper  
 248 100  
 250 97.9 77.4 116.0  
 141 111.8 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E  
 80000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

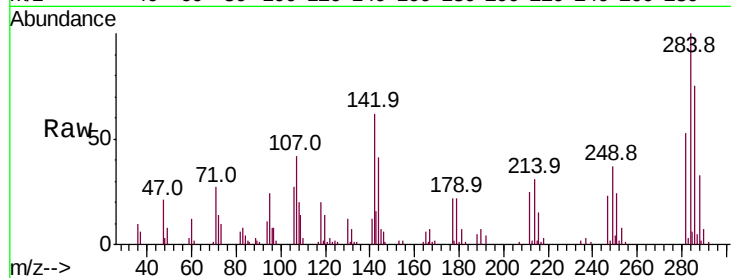




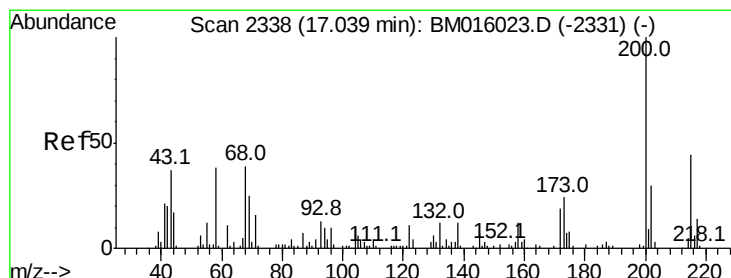
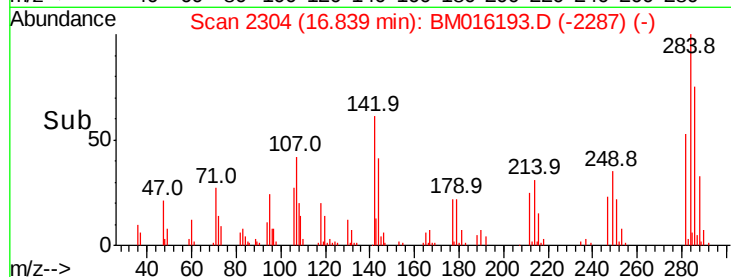
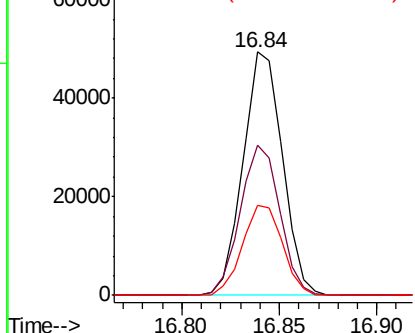
#67  
Hexachlorobenzene  
Concen: 38.269 ng  
RT: 16.84 min Scan# 2304  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 61.9  | 20.4  | 30.6# |
| 249     | 37.0  | 23.8  | 35.6# |

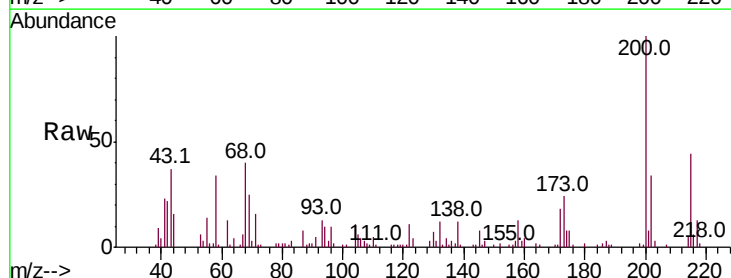


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

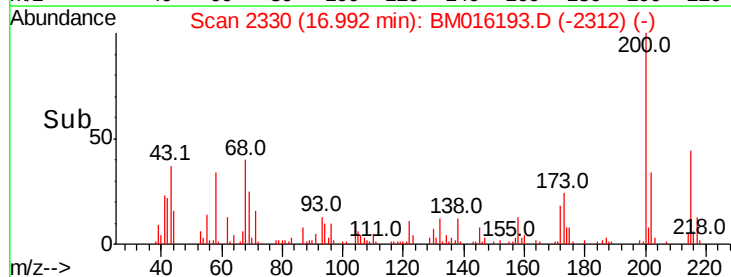
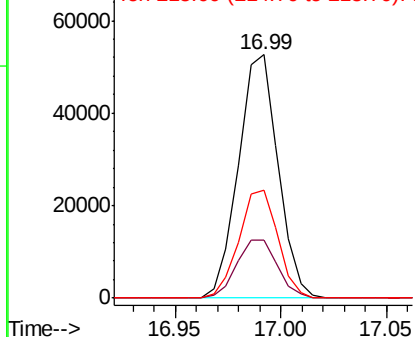


#68  
Atrazine  
Concen: 40.034 ng  
RT: 16.99 min Scan# 2330  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.9  | 4.8   | 44.8  |
| 215     | 44.1  | 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

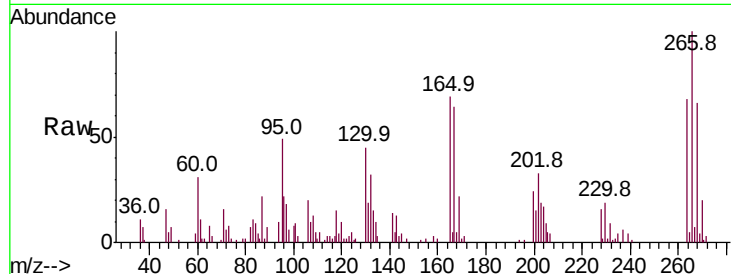




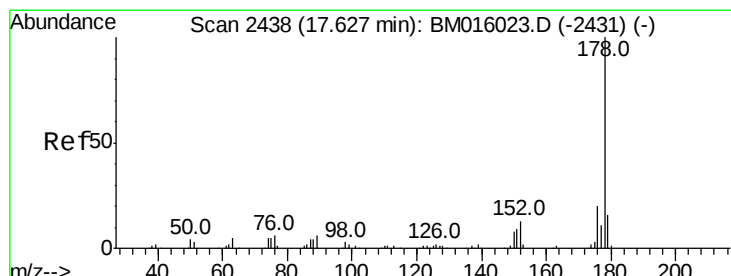
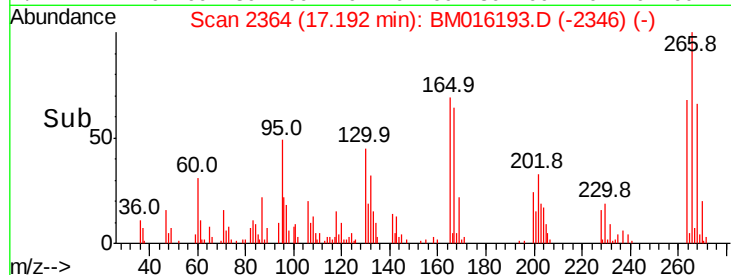
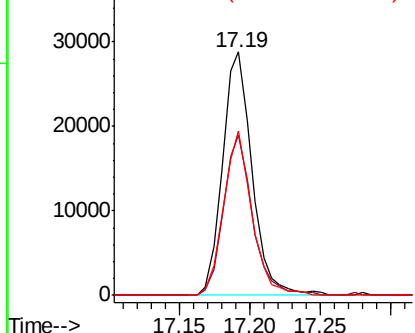
#69  
 Pentachlorophenol  
 Concen: 37.522 ng  
 RT: 17.19 min Scan# 2364  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:266 Resp: 41995  
 Ion Ratio Lower Upper  
 266 100  
 268 65.9 52.0 78.0  
 264 67.7 49.0 73.4

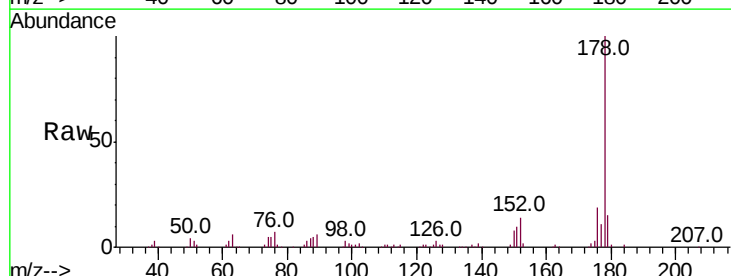


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

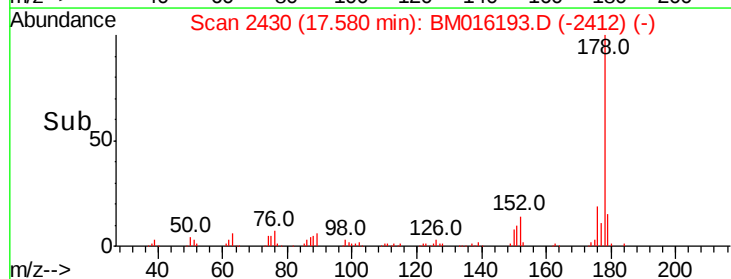
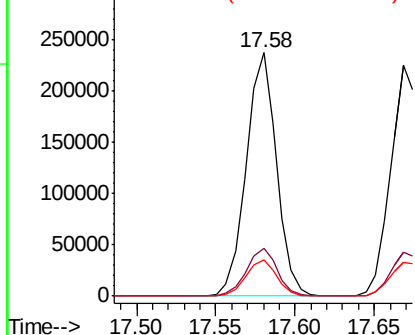


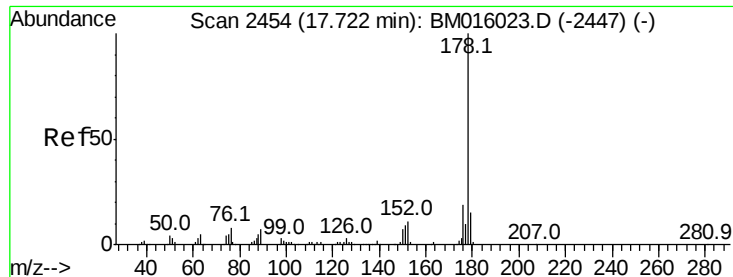
#70  
 Phenanthrene  
 Concen: 38.764 ng  
 RT: 17.58 min Scan# 2430  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Tgt Ion:178 Resp: 314566  
 Ion Ratio Lower Upper  
 178 100  
 176 19.5 15.2 22.8  
 179 14.7 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

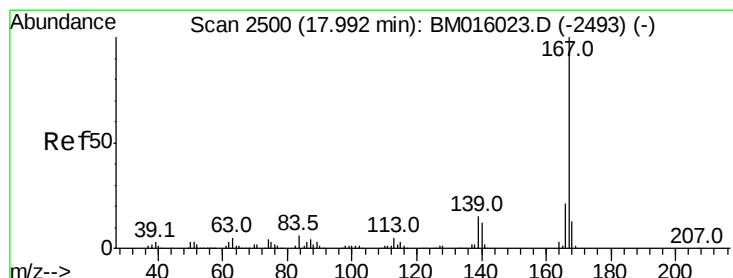
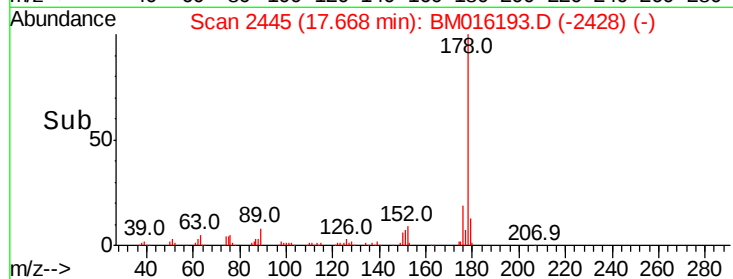
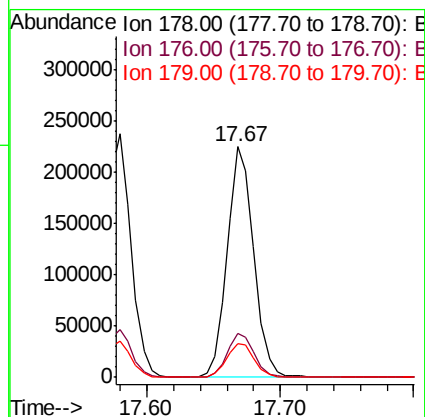
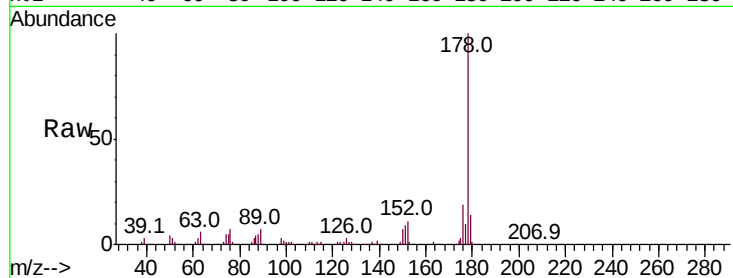




#71  
 Anthracene  
 Concen: 39.918 ng  
 RT: 17.67 min Scan# 2445  
 Delta R.T. -0.00 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

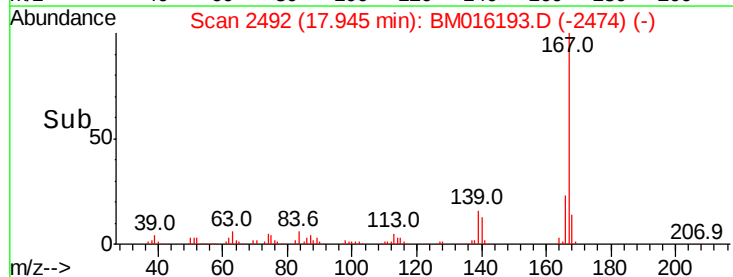
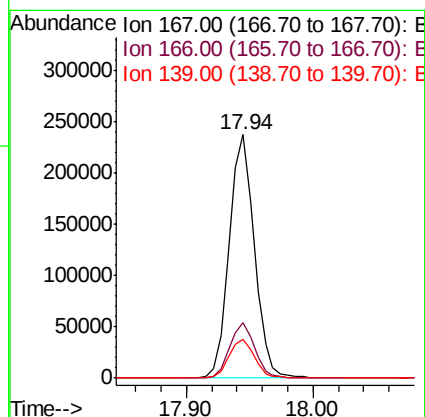
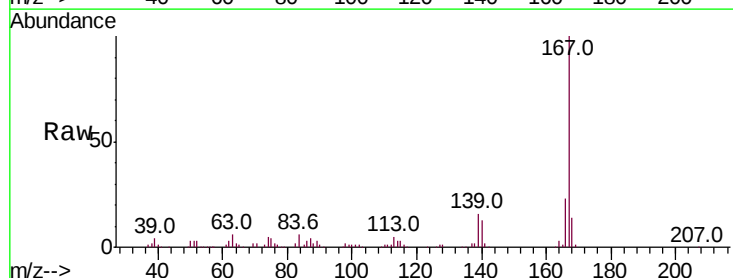
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

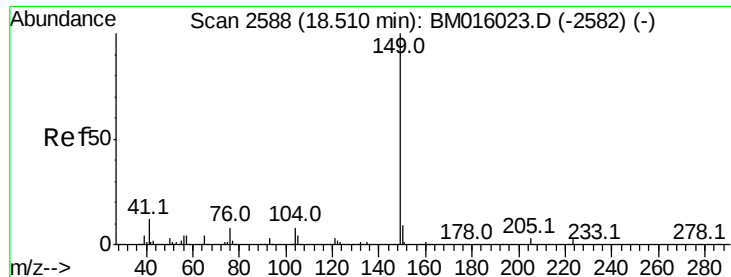
Tot Ion:178 Resp: 314827  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 14.6 22.0  
 179 14.5 12.6 19.0



#72  
 Carbazole  
 Concen: 39.808 ng  
 RT: 17.94 min Scan# 2492  
 Delta R.T. 0.01 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Tgt Ion:167 Resp: 325252  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 17.2 25.8  
 139 15.9 10.8 16.2

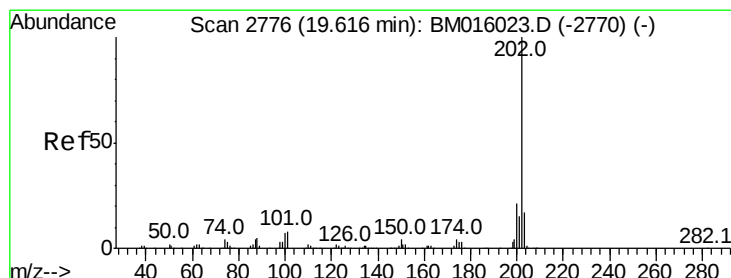
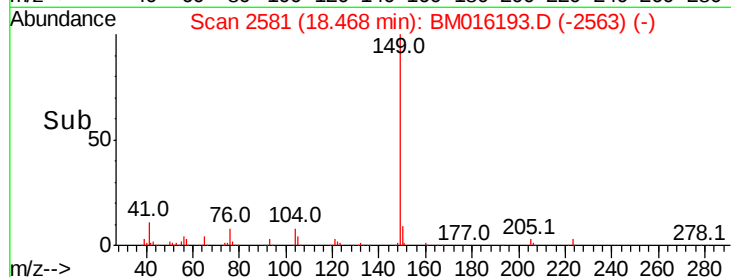
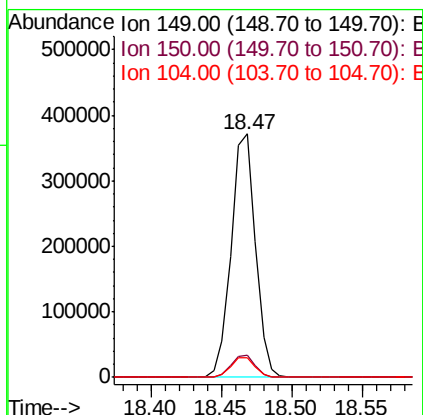
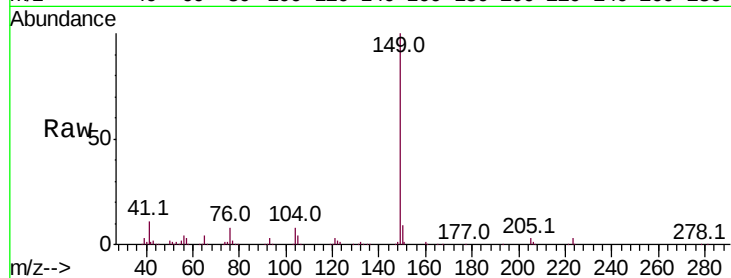




#73  
Di-n-butylphthalate  
Concen: 43.855 ng  
RT: 18.47 min Scan# 2581  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

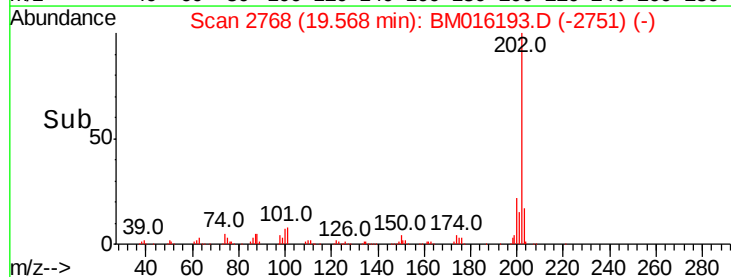
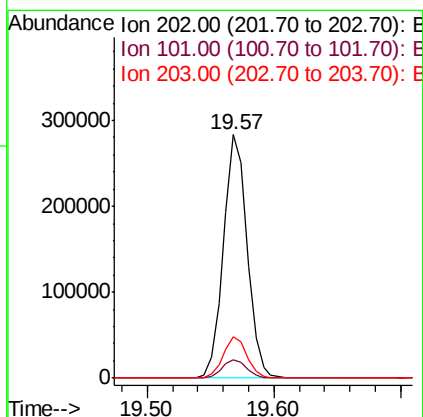
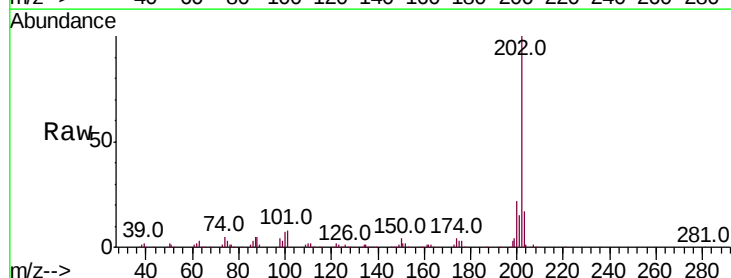
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

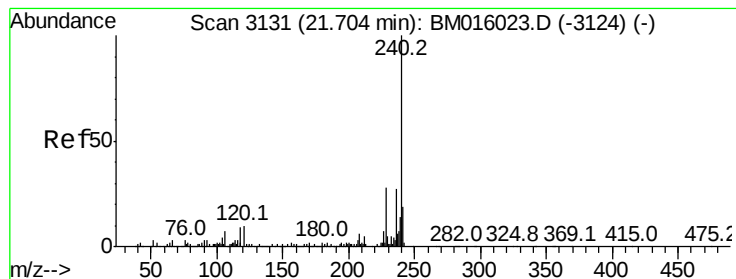
Tot Ion:149 Resp: 446497  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 7.9 3.7 5.5#



#74  
Fluoranthene  
Concen: 40.510 ng  
RT: 19.57 min Scan# 2768  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion:202 Resp: 366697  
Ion Ratio Lower Upper  
202 100  
101 7.7 0.0 28.7  
203 17.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

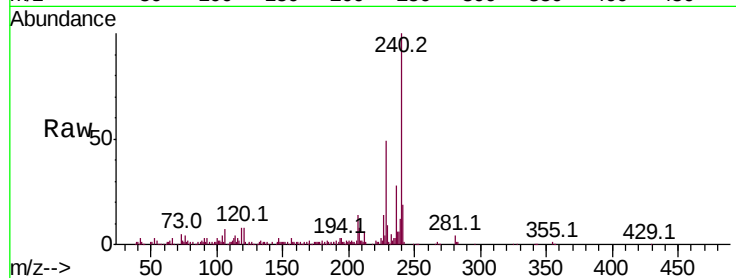
Tot Ion:240 Resp: 171574

Ion Ratio Lower Upper

240 100

120 8.5 8.2 12.2

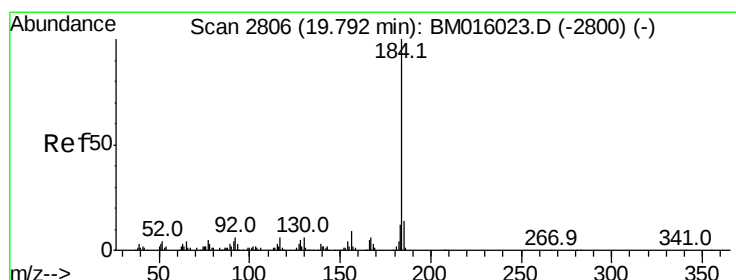
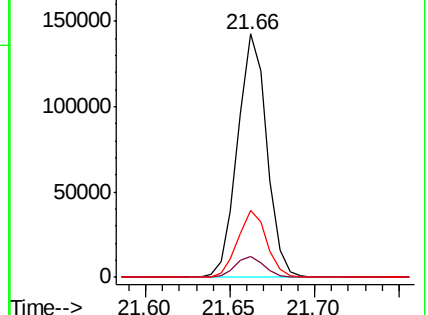
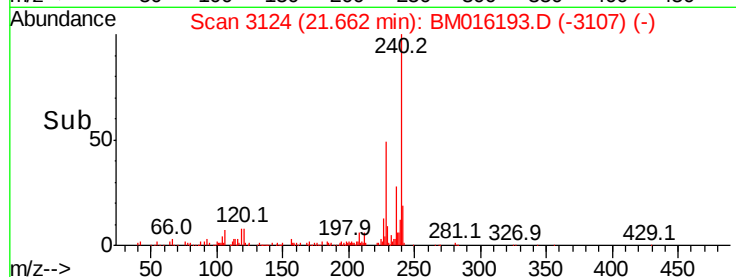
236 27.6 20.0 30.0



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: 40.415 ng

RT: 19.75 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

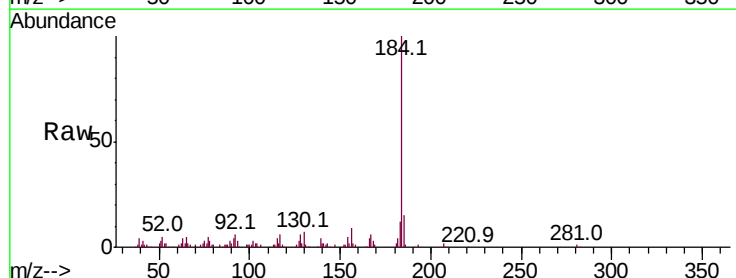
Tgt Ion:184 Resp: 193772

Ion Ratio Lower Upper

184 100

185 14.7 11.3 16.9

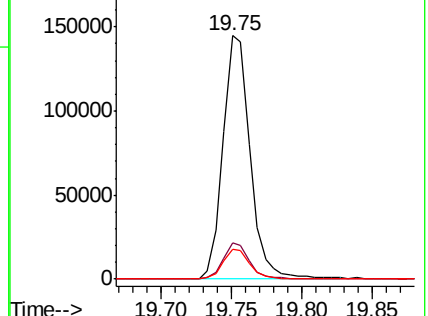
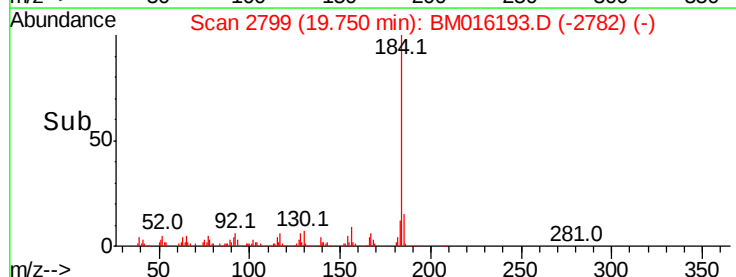
183 12.5 8.9 13.3

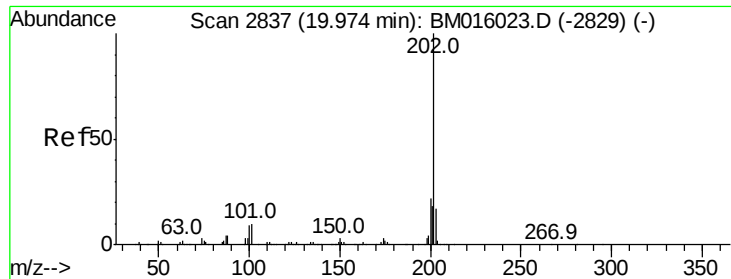


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

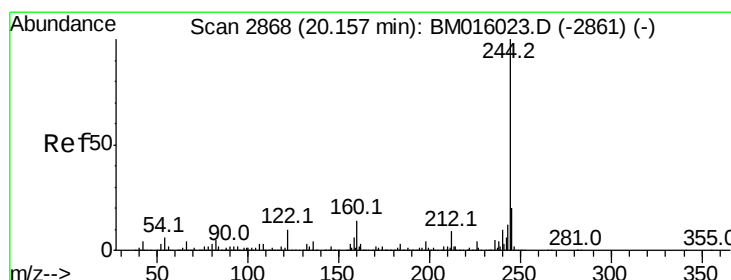
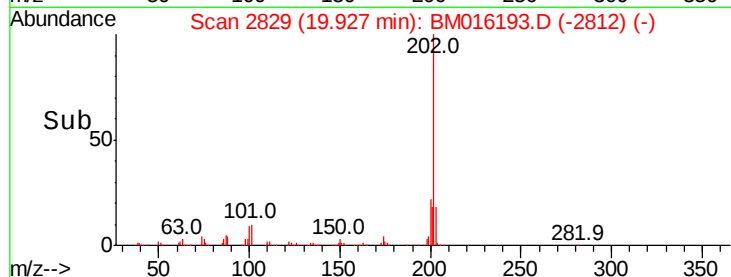
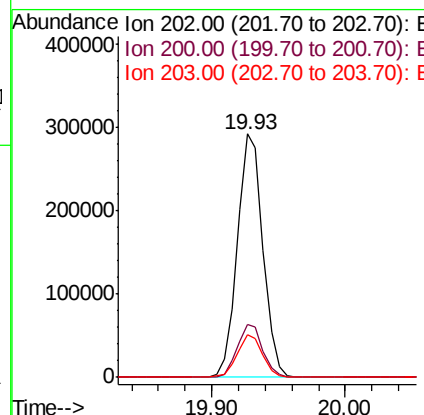
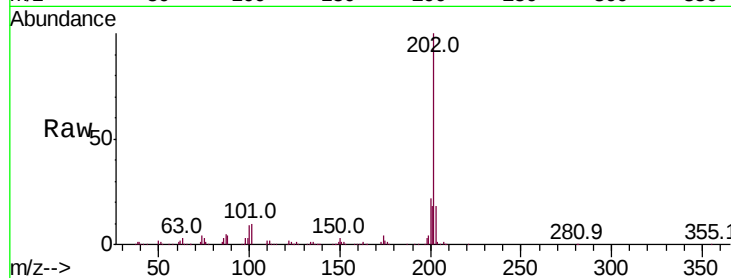




#77  
Pvrene  
Concen: 37.927 ng  
RT: 19.93 min Scan# 2829  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

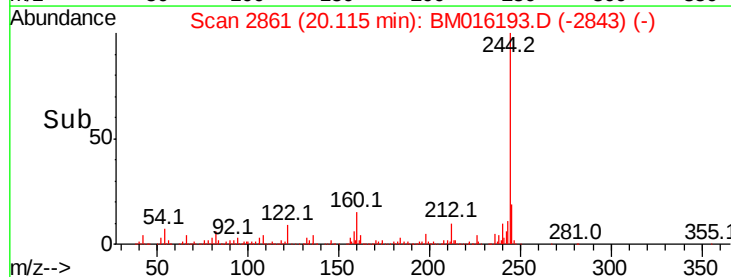
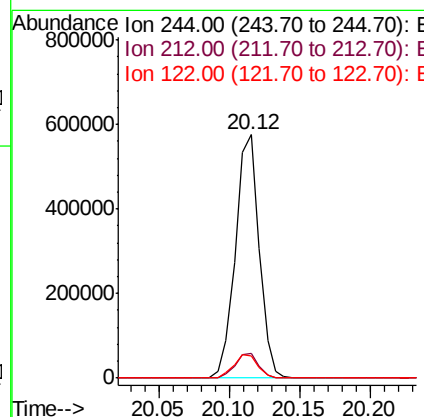
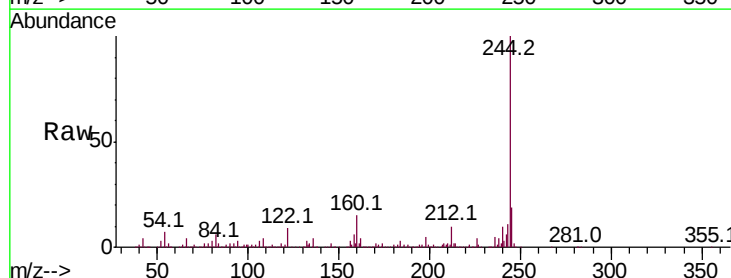
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

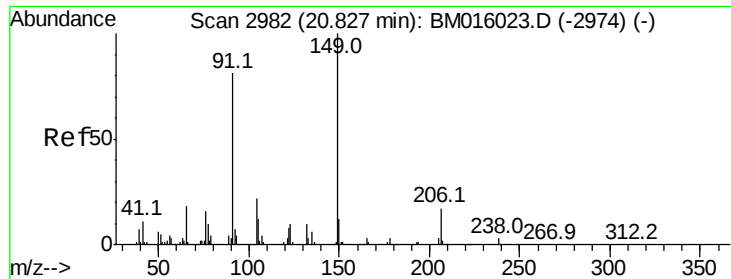
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.9  | 16.9  | 25.3  |
| 203     | 17.7  | 14.1  | 21.1  |



#78  
Terphenyl-d14  
Concen: 37.927 ng  
RT: 20.12 min Scan# 2861  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 10.2  | 4.9   | 7.3#  |
| 122     | 9.1   | 6.2   | 9.4   |

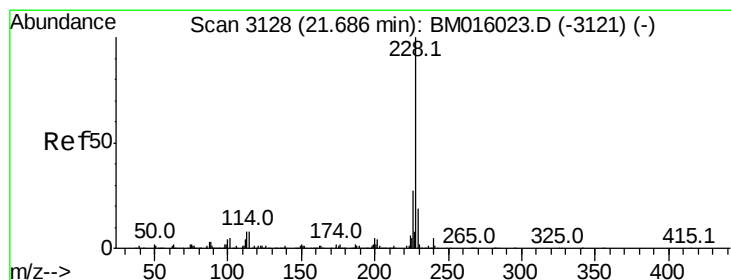
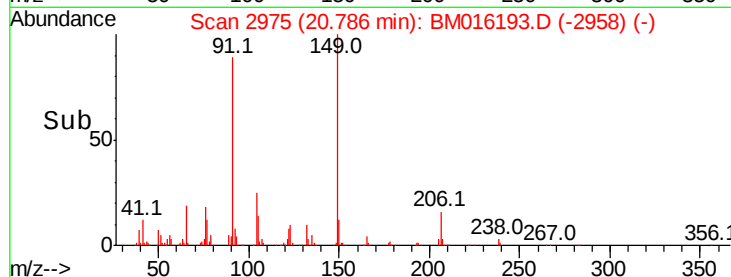
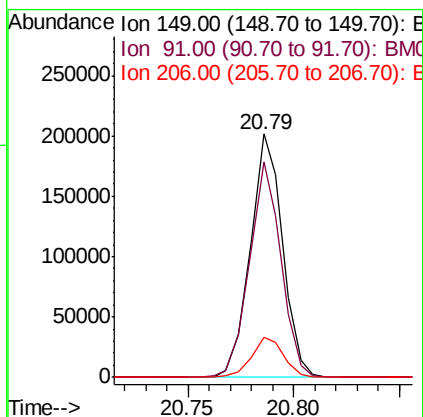
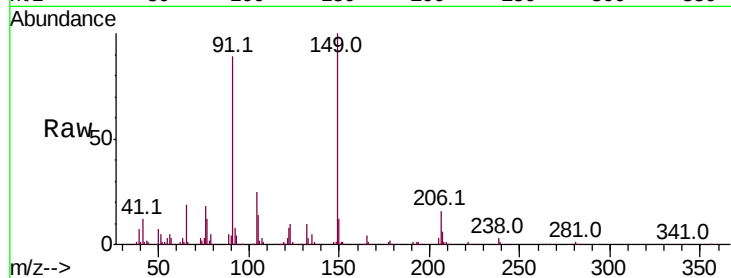




#79  
Butylbenzylphthalate  
Concen: 41.031 ng  
RT: 20.79 min Scan# 2975  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

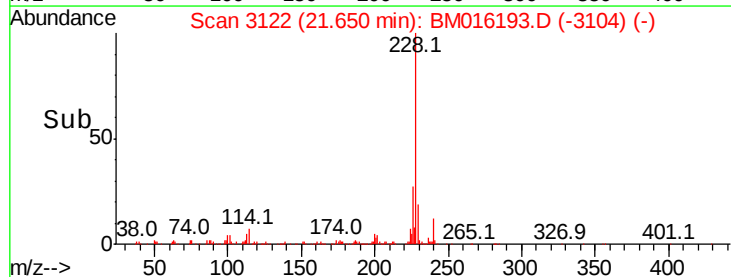
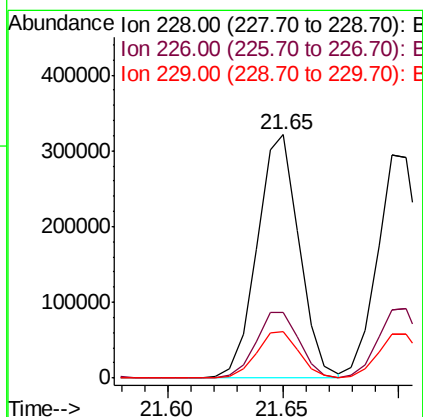
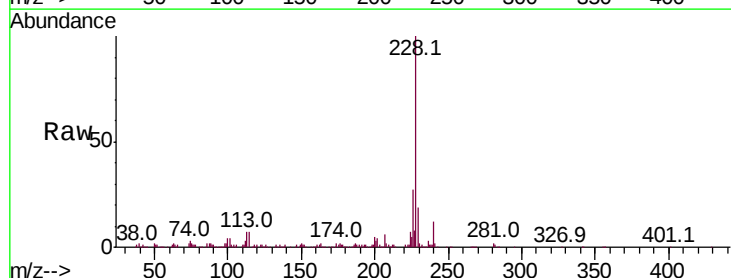
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

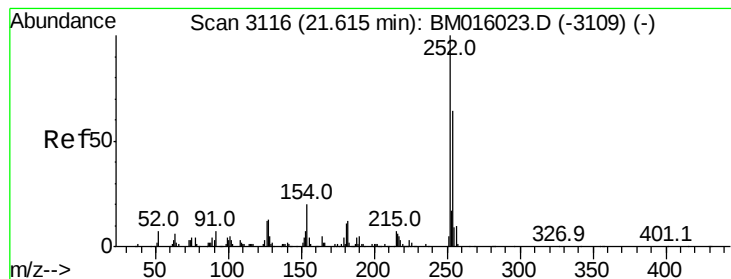
Tot Ion:149 Resp: 214315  
Ion Ratio Lower Upper  
149 100  
91 88.7 50.1 75.1#  
206 16.2 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 38.394 ng  
RT: 21.65 min Scan# 3122  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

Tgt Ion:228 Resp: 405724  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.7 32.5  
229 19.2 16.0 24.0

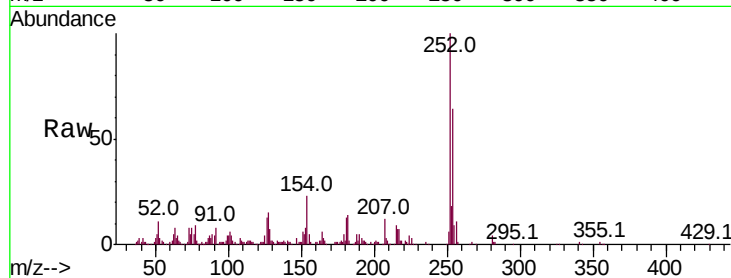




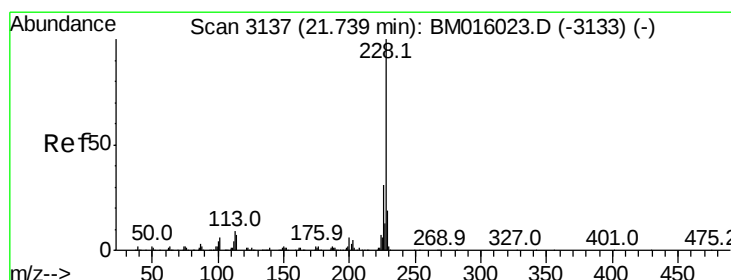
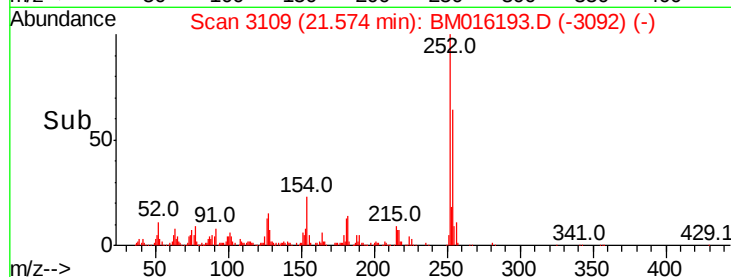
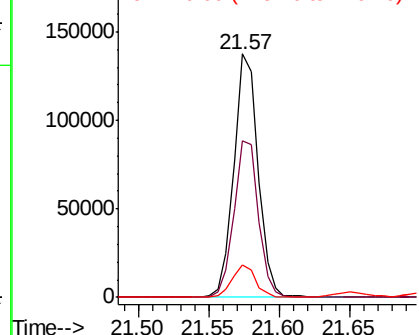
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.660 ng  
 RT: 21.57 min Scan# 3109  
 Delta R.T. -0.00 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:252 Resp: 164554  
 Ion Ratio Lower Upper  
 252 100  
 254 64.3 51.9 77.9  
 126 13.4 9.8 14.8

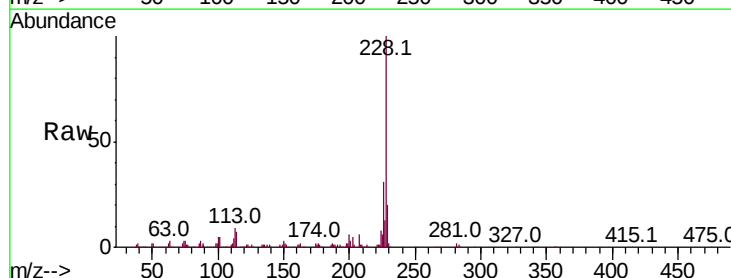


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

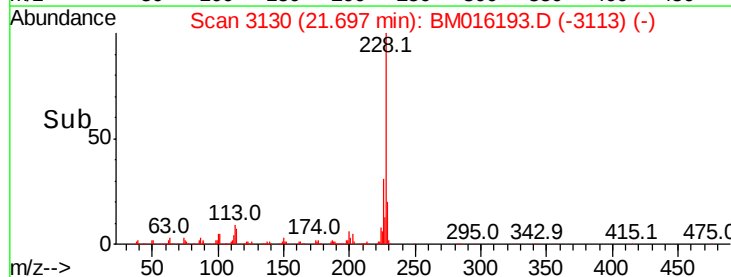
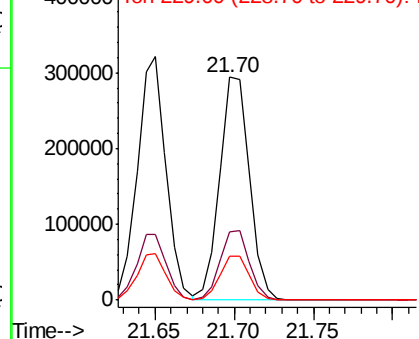


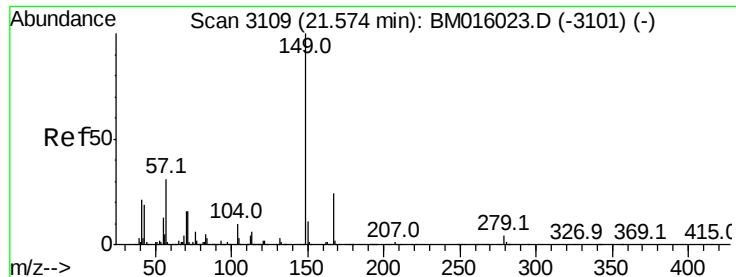
#82  
 Chrysene  
 Concen: 37.960 ng  
 RT: 21.70 min Scan# 3130  
 Delta R.T. -0.00 min  
 Lab File: BM016193.D  
 Acq: 06 Aug 2018 16:17

Tgt Ion:228 Resp: 384796  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 24.1 36.1  
 229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.278 ng

RT: 21.53 min Scan# 3102

Delta R.T. -0.00 min

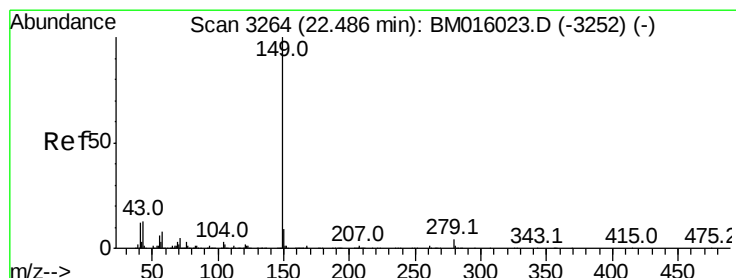
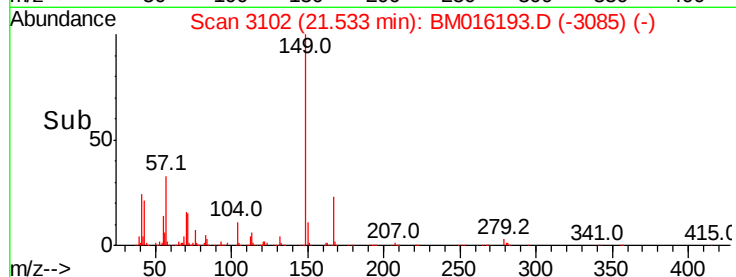
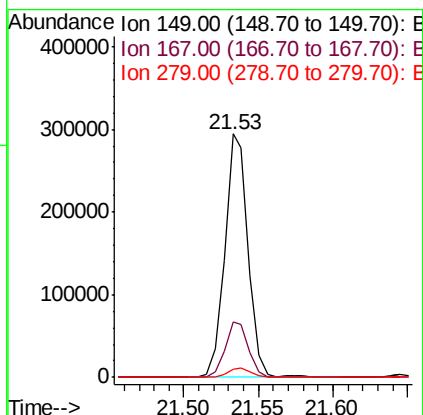
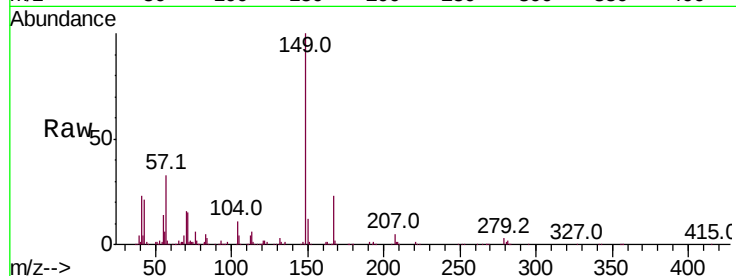
Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 320039

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 23.0  | 22.4  | 33.6  |
| 279 | 3.2   | 3.4   | 5.0   |



#84

Di-n-octyl phthalate

Concen: 42.023 ng

RT: 22.44 min Scan# 3256

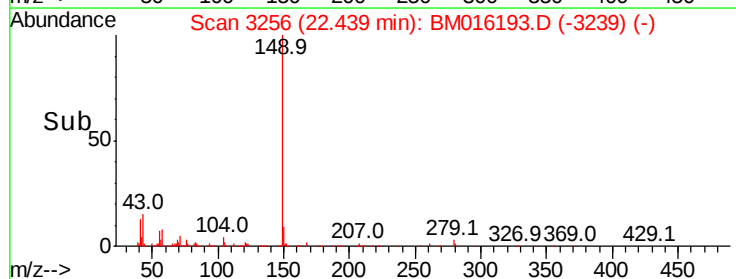
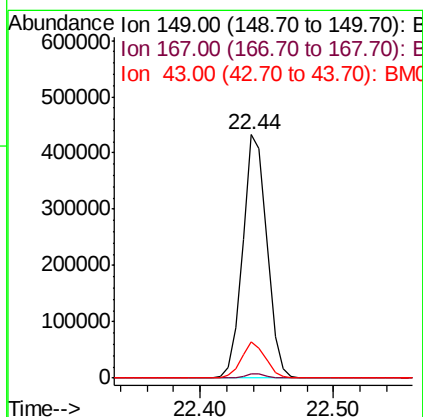
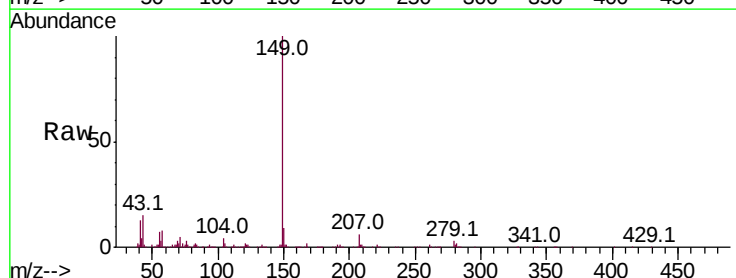
Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Tgt Ion:149 Resp: 534638

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 14.4  | 7.3   | 10.9  |

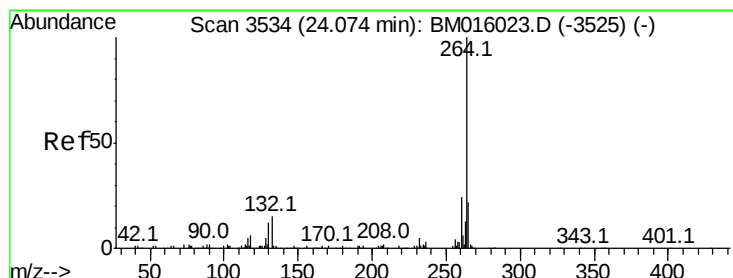
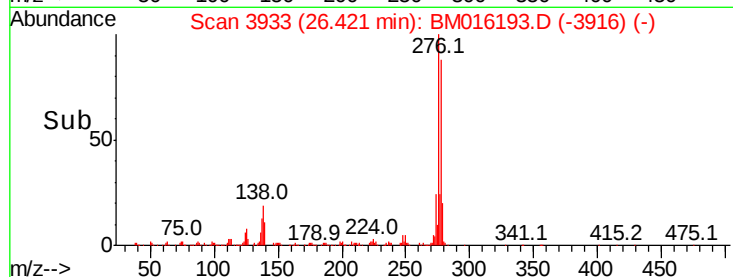
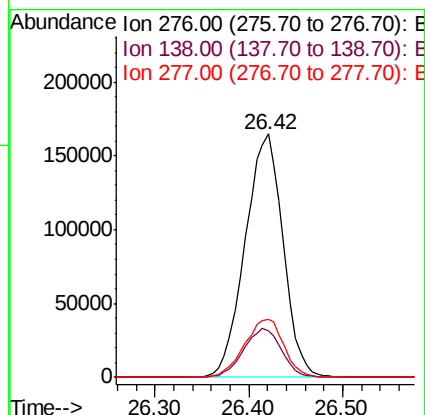
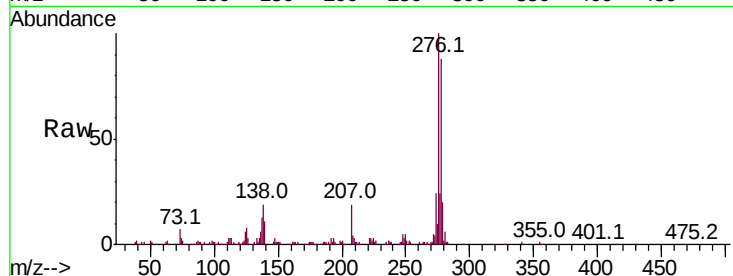




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 38.208 ng  
RT: 26.42 min Scan# 3933  
Delta R.T. -0.00 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

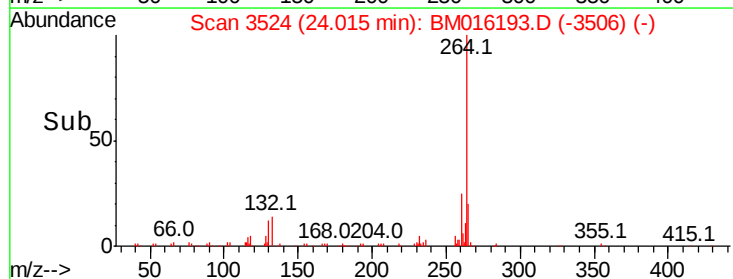
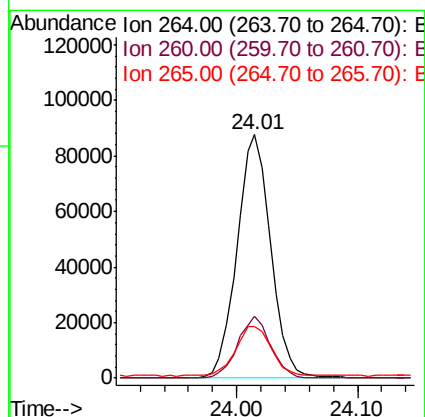
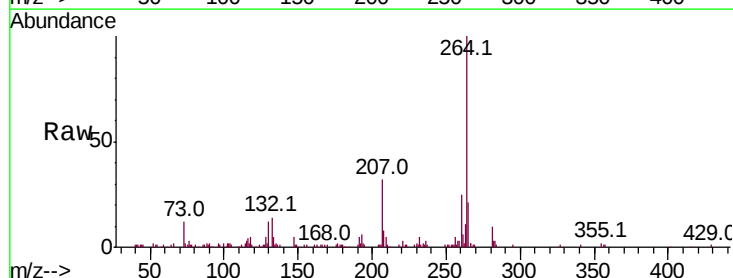
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

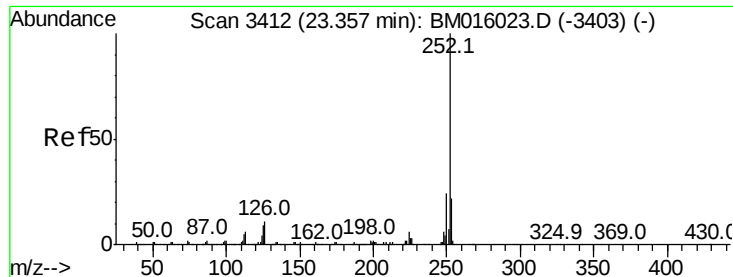
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.1  | 12.0  | 18.0# |
| 277     | 24.9  | 20.0  | 30.0  |



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.01 min Scan# 3524  
Delta R.T. 0.01 min  
Lab File: BM016193.D  
Acq: 06 Aug 2018 16:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 25.2  | 18.6  | 27.8  |
| 265     | 21.2  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 39.174 ng

RT: 23.30 min Scan# 3403

Delta R.T. -0.00 min

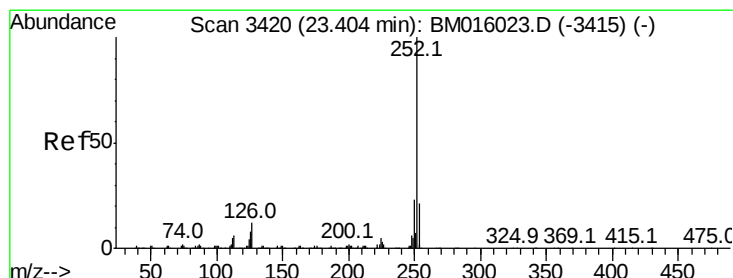
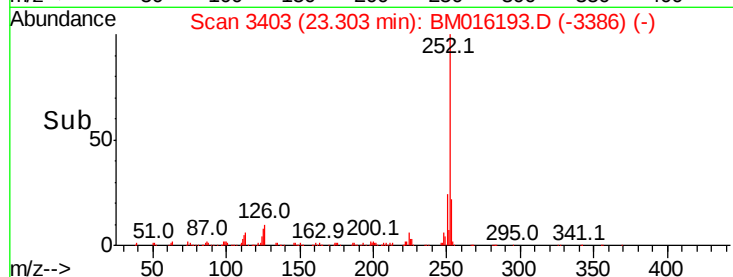
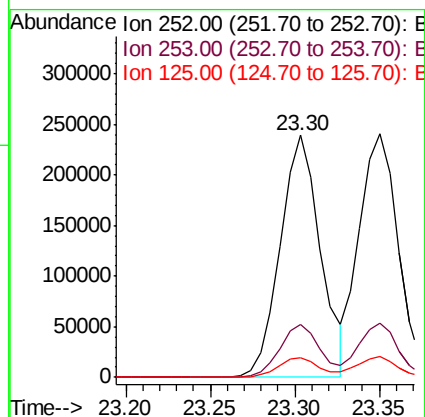
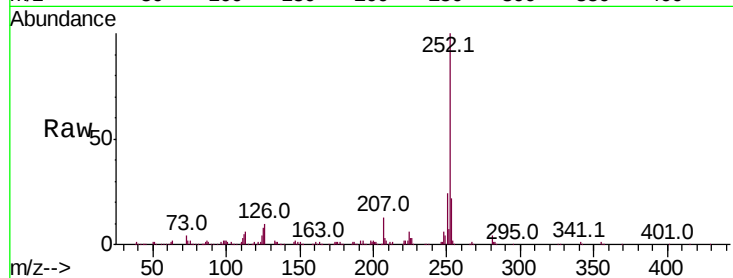
Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:252 Resp: 393892

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.8  | 18.0  | 27.0  |
| 125 | 8.2   | 9.9   | 14.9# |



#88

Benzo(k)fluoranthene

Concen: 37.903 ng

RT: 23.35 min Scan# 3411

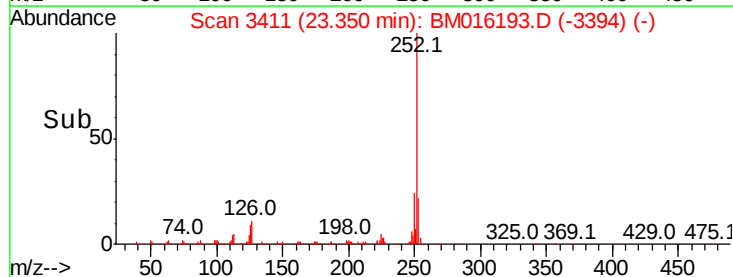
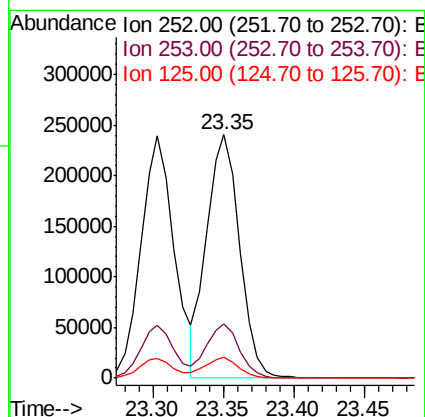
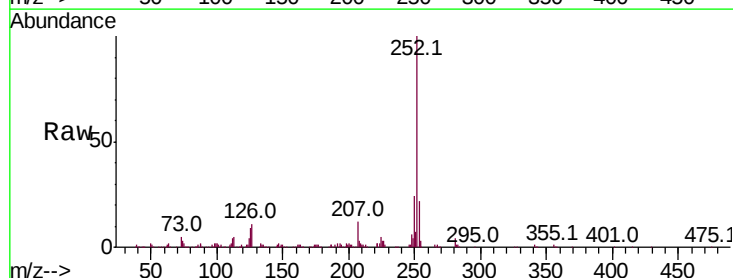
Delta R.T. -0.00 min

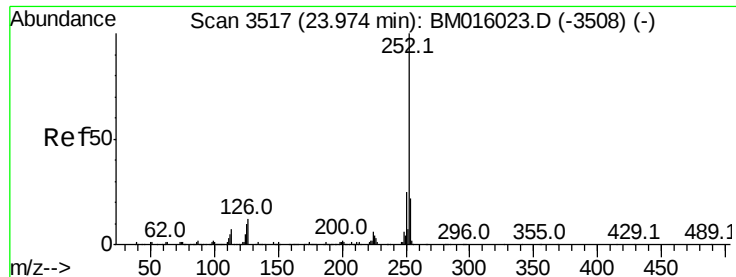
Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Tgt Ion:252 Resp: 386238

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.4  | 17.2  | 25.8  |
| 125 | 8.5   | 8.1   | 12.1  |





#89

Benzo(a)pyrene

Concen: 38.982 ng

RT: 23.91 min Scan# 3507

Delta R.T. 0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

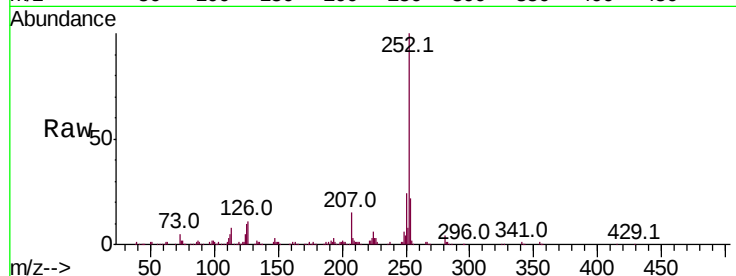
Tot Ion:252 Resp: 376813

Ion Ratio Lower Upper

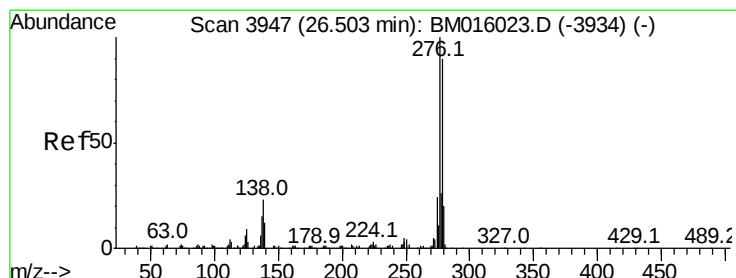
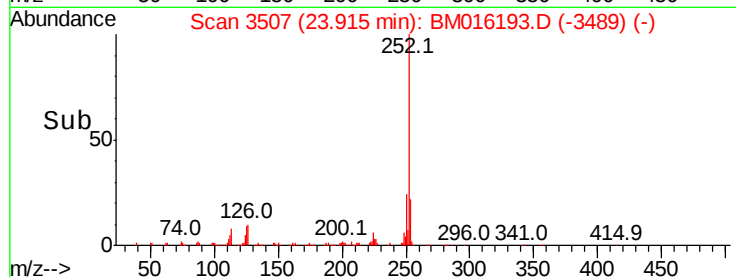
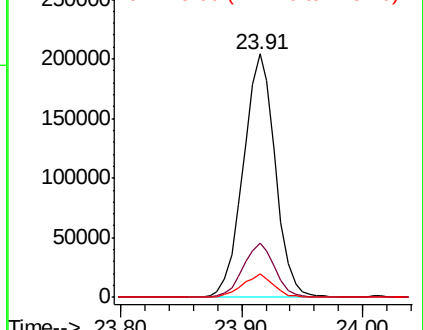
252 100

253 22.2 17.6 26.4

125 9.6 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: 39.157 ng

RT: 26.41 min Scan# 3932

Delta R.T. -0.00 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

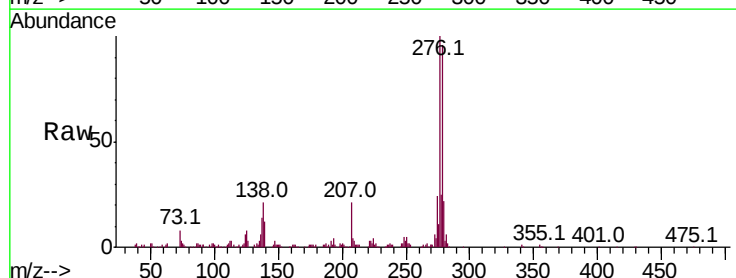
Tgt Ion:278 Resp: 392152

Ion Ratio Lower Upper

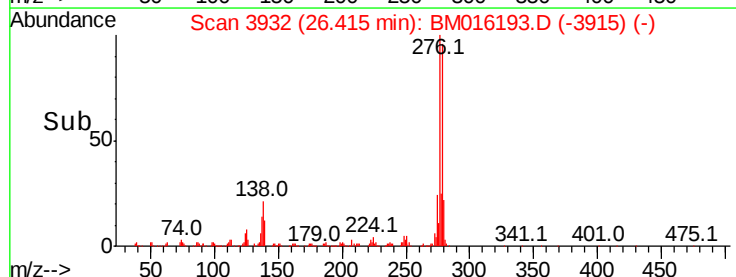
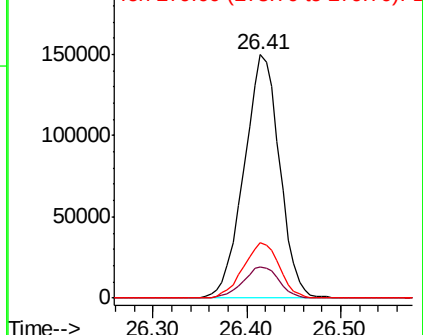
278 100

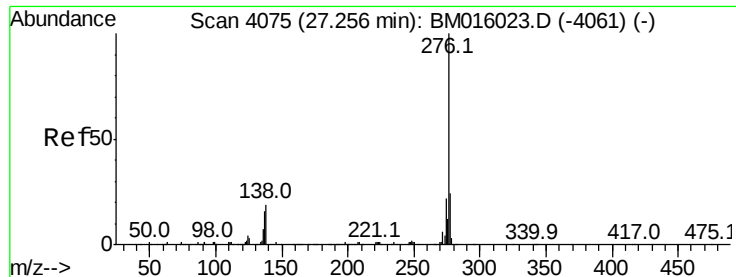
139 12.6 13.4 20.0#

279 22.8 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: 37.994 ng

RT: 27.15 min Scan# 4057

Delta R.T. -0.01 min

Lab File: BM016193.D

Acq: 06 Aug 2018 16:17

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

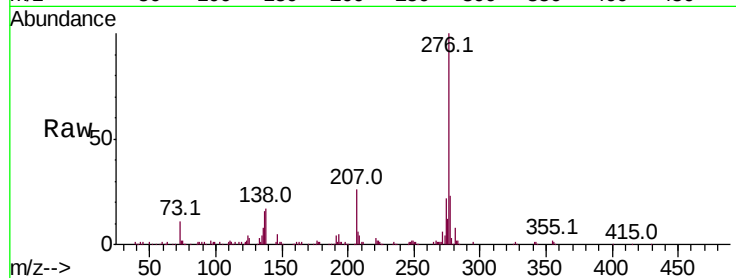
Tot Ion:276 Resp: 359887

Ion Ratio Lower Upper

276 100

277 23.1 18.5 27.7

138 17.4 19.0 28.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

