

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\  
 Data File : BM016394.D  
 Acq On : 16 Aug 2018 00:41  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 16 01:13:49 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 15 11:23:48 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 21911    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.92 | 136  | 90823    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.74 | 164  | 51045    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.49 | 188  | 106932   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.62 | 240  | 122001   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.94 | 264  | 120074   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.64  | 112 | 106992 | 81.11 | ng | 0.00  |
| 7) Phenol-d6             | 7.28  | 99  | 130295 | 75.64 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.30  | 82  | 177228 | 90.76 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.24 | 330 | 48722  | 75.26 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 13.36 | 172 | 376964 | 89.86 | ng | -0.01 |
| 78) Terphenyl-d14        | 20.06 | 244 | 535388 | 91.86 | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 27174  | 43.970 | ng | # 100  |
| 3) Pyridine                    | 3.88  | 79  | 56961  | 38.259 | ng | # 65   |
| 4) n-Nitrosodimethylamine      | 3.79  | 42  | 58578  | 50.445 | ng | # 22   |
| 6) Aniline                     | 7.45  | 93  | 72485  | 36.546 | ng | # 86   |
| 8) 2-Chlorophenol              | 7.67  | 128 | 60831  | 38.803 | ng | 97     |
| 9) Benzaldehyde                | 7.26  | 77  | 46375  | 38.317 | ng | 81     |
| 10) Phenol                     | 7.30  | 94  | 61970  | 35.977 | ng | 82     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 49072  | 36.062 | ng | 83     |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 72297  | 39.399 | ng | # 84   |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 73419  | 39.450 | ng | # 94   |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 71513  | 39.271 | ng | # 92   |
| 15) Benzyl Alcohol             | 8.37  | 79  | 56265  | 41.021 | ng | # 81   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.64  | 45  | 61995  | 29.768 | ng | 90     |
| 17) 2-Methylphenol             | 8.57  | 107 | 46471  | 39.472 | ng | # 78   |
| 18) Hexachloroethane           | 9.18  | 117 | 37494  | 46.607 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.93  | 70  | 47564  | 37.777 | ng | # 65   |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 62472  | 36.881 | ng | # 82   |
| 22) Acetophenone               | 8.96  | 105 | 92693  | 40.532 | ng | # 76   |
| 24) Nitrobenzene               | 9.34  | 77  | 83139  | 42.298 | ng | 94     |
| 25) Isophorone                 | 9.86  | 82  | 104597 | 39.160 | ng | # 93   |
| 26) 2-Nitrophenol              | 10.05 | 139 | 34178  | 41.655 | ng | # 32   |
| 27) 2,4-Dimethylphenol         | 10.10 | 122 | 44644  | 39.054 | ng | # 77   |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 64302  | 37.040 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.58 | 162 | 59047  | 43.469 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 70929  | 42.976 | ng | 96     |
| 31) Naphthalene                | 10.97 | 128 | 175973 | 38.283 | ng | 98     |
| 32) Benzoic acid               | 10.29 | 122 | 32413  | 37.196 | ng | # 84   |
| 33) 4-Chloroaniline            | 11.10 | 127 | 73716  | 39.299 | ng | # 86   |
| 34) Hexachlorobutadiene        | 11.22 | 225 | 60947  | 53.237 | ng | 96     |
| 35) Caprolactam                | 11.92 | 113 | 13334  | 35.441 | ng | # 88   |
| 36) 4-Chloro-3-methylphenol    | 12.22 | 107 | 61641  | 41.258 | ng | # 82   |
| 37) 2-Methylnaphthalene        | 12.57 | 142 | 125653 | 40.807 | ng | # 86   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 80834  | 46.515 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.89 | 237 | 21699  | 30.671 | ng | 95     |

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

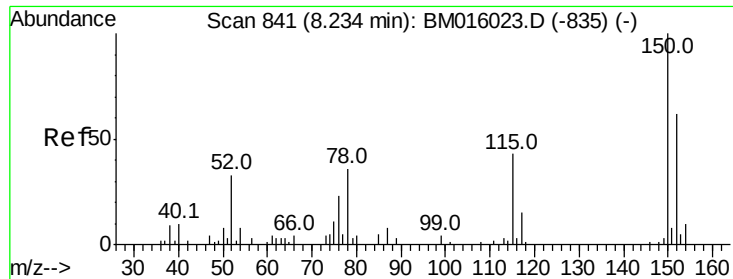
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Aug 16 01:13:49 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 15 11:23:48 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.19 | 196  | 48335    | 44.455 | nq    | 94       |
| 43) 2,4,5-Trichlorophenol      | 13.27 | 196  | 47514    | 42.366 | nq #  | 77       |
| 45) 1,1'-Biphenyl              | 13.58 | 154  | 182847   | 39.692 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.63 | 162  | 143000   | 39.911 | nq #  | 86       |
| 47) 2-Nitroaniline             | 13.86 | 65   | 48323    | 40.794 | nq #  | 73       |
| 48) Acenaphthylene             | 14.47 | 152  | 206283   | 39.328 | nq    | 99       |
| 49) Dimethylphthalate          | 14.20 | 163  | 177974   | 39.840 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.34 | 165  | 35799    | 39.829 | nq #  | 33       |
| 51) Acenaphthene               | 14.81 | 154  | 124088   | 38.466 | nq    | 96       |
| 52) 3-Nitroaniline             | 14.69 | 138  | 34078    | 35.102 | nq #  | 64       |
| 53) 2,4-Dinitrophenol          | 14.92 | 184  | 14849    | 41.650 | nq #  | 70       |
| 54) Dibenzofuran               | 15.14 | 168  | 212777   | 40.026 | nq #  | 76       |
| 55) 4-Nitrophenol              | 15.00 | 139  | 19242    | 27.648 | nq #  | 87       |
| 56) 2,4-Dinitrotoluene         | 15.14 | 165  | 51489    | 40.063 | nq #  | 47       |
| 57) Fluorene                   | 15.79 | 166  | 156340   | 39.577 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.37 | 232  | 42656    | 44.250 | nq #  | 100      |
| 59) Diethylphthalate           | 15.55 | 149  | 194228   | 40.338 | nq    | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.77 | 204  | 96720    | 43.982 | nq #  | 82       |
| 61) 4-Nitroaniline             | 15.84 | 138  | 31514    | 33.833 | nq #  | 1        |
| 62) Azobenzene                 | 16.07 | 77   | 228406   | 45.042 | nq #  | 69       |
| 64) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 26357    | 40.609 | nq #  | 82       |
| 65) n-Nitrosodiphenylamine     | 16.00 | 169  | 143165   | 40.659 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.67 | 248  | 54061    | 44.648 | nq #  | 72       |
| 67) Hexachlorobenzene          | 16.79 | 284  | 54115    | 40.584 | nq #  | 46       |
| 68) Atrazine                   | 16.94 | 200  | 52579    | 41.664 | nq    | 97       |
| 69) Pentachlorophenol          | 17.14 | 266  | 30326    | 36.728 | nq    | 95       |
| 70) Phenanthrene               | 17.53 | 178  | 228399   | 38.151 | nq    | 98       |
| 71) Anthracene                 | 17.62 | 178  | 230022   | 39.533 | nq    | 98       |
| 72) Carbazole                  | 17.89 | 167  | 223745   | 37.119 | nq #  | 93       |
| 73) Di-n-butylphthalate        | 18.42 | 149  | 311773   | 41.508 | nq #  | 96       |
| 74) Fluoranthene               | 19.52 | 202  | 269633   | 40.376 | nq    | 96       |
| 76) Benzidine                  | 19.71 | 184  | 116325   | 34.121 | nq    | 98       |
| 77) Pyrene                     | 19.88 | 202  | 286504   | 39.187 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.74 | 149  | 149061   | 40.134 | nq #  | 73       |
| 80) Benzo(a)anthracene         | 21.60 | 228  | 301471   | 40.120 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 116921   | 38.631 | nq    | 96       |
| 82) Chrysene                   | 21.66 | 228  | 287266   | 39.854 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.49 | 149  | 213258   | 39.619 | nq #  | 91       |
| 84) Di-n-octyl phthalate       | 22.39 | 149  | 357669   | 39.536 | nq #  | 88       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.32 | 276  | 347209   | 40.593 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 23.24 | 252  | 280766   | 39.714 | nq #  | 95       |
| 88) Benzo(k)fluoranthene       | 23.29 | 252  | 284872   | 39.760 | nq #  | 97       |
| 89) Benzo(a)pyrene             | 23.84 | 252  | 274566   | 40.399 | nq #  | 98       |
| 90) Dibenzo(a,h)anthracene     | 26.31 | 278  | 292939   | 41.602 | nq #  | 94       |
| 91) Benzo(g,h,i)perylene       | 27.05 | 276  | 267343   | 40.142 | nq #  | 89       |

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



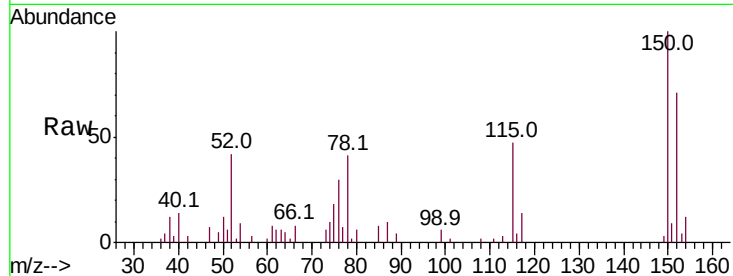


#1

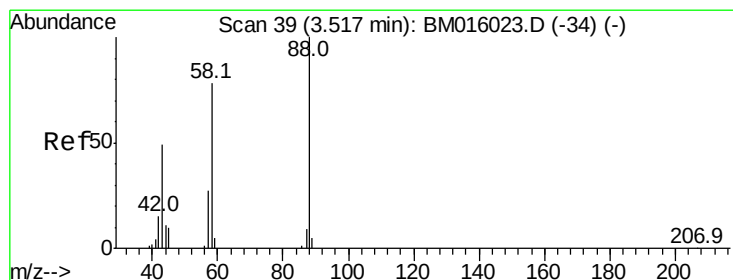
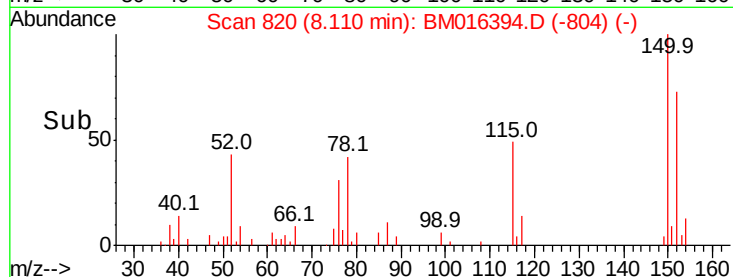
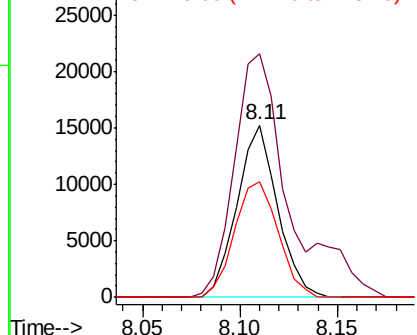
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 820  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Instrument :  
BNA\_M  
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SSTDCCC040

Tot Ion:152 Resp: 21911  
Ion Ratio Lower Upper  
152 100  
150 141.2 119.5 179.3  
115 66.8 43.0 64.4#



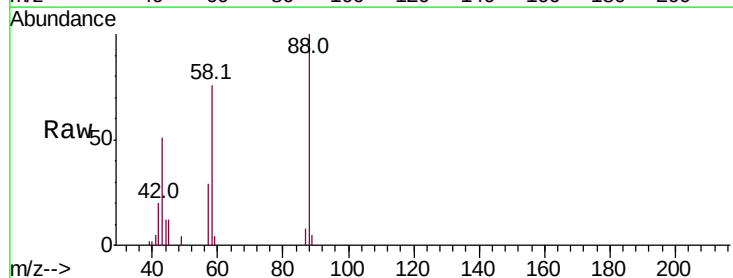
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



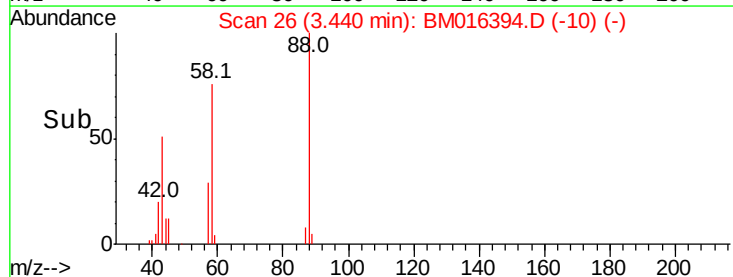
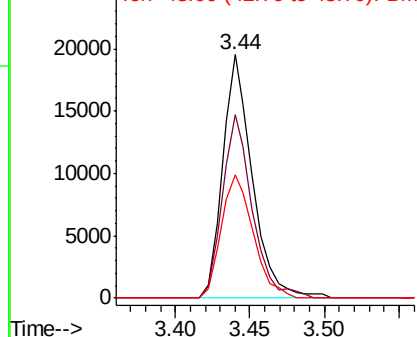
#2

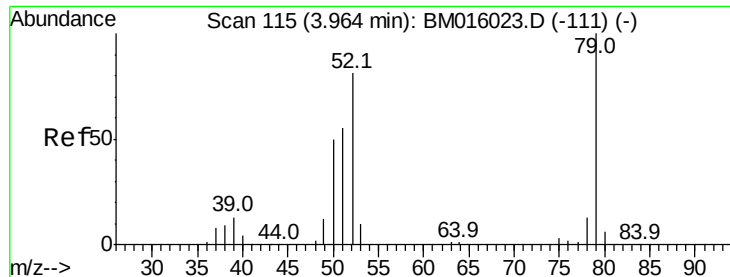
1,4-Dioxane  
Concen: 43.970 ng  
RT: 3.44 min Scan# 26  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion: 88 Resp: 27174  
Ion Ratio Lower Upper  
88 100  
58 75.8 0.0 0.0#  
43 54.5 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: 38.259 ng

RT: 3.88 min Scan# 100

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

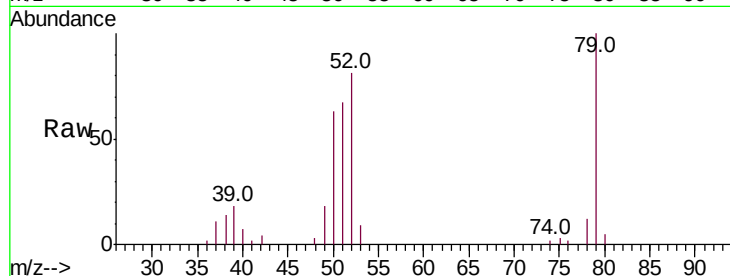
Tot Ion: 79 Resp: 56961

Ion Ratio Lower Upper

79 100

52 80.7 51.1 76.7#

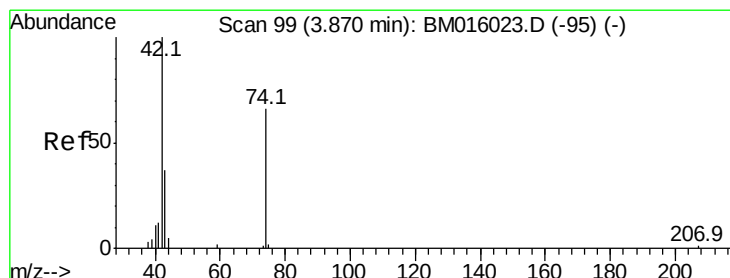
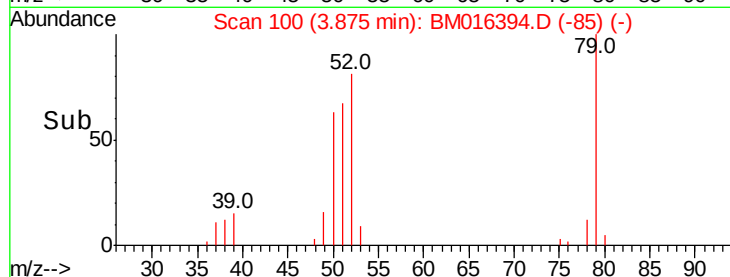
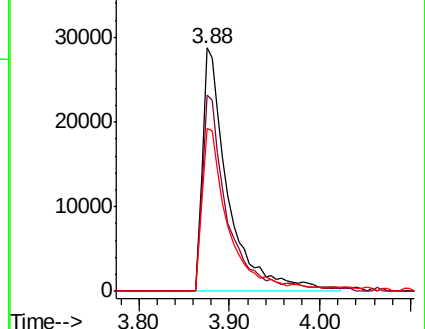
51 67.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016394.D (-111) (-)

Ion 52.00 (51.70 to 52.70): BM016394.D (-111) (-)

Ion 51.00 (50.70 to 51.70): BM016394.D (-111) (-)



#4

n-Nitrosodimethylamine

Concen: 50.445 ng

RT: 3.79 min Scan# 86

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

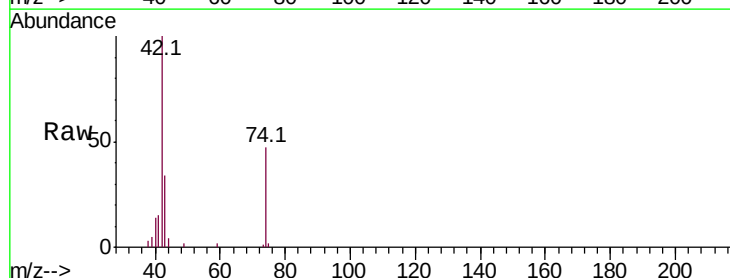
Tgt Ion: 42 Resp: 58578

Ion Ratio Lower Upper

42 100

74 46.9 119.3 178.9#

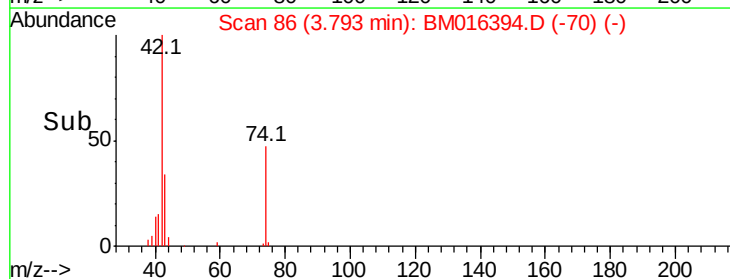
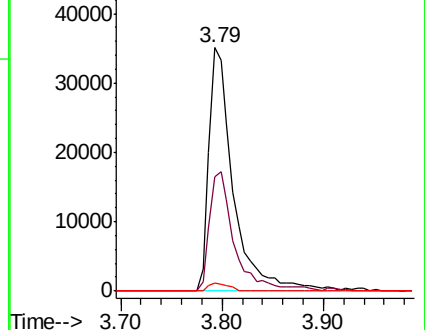
44 3.6 5.4 8.2#

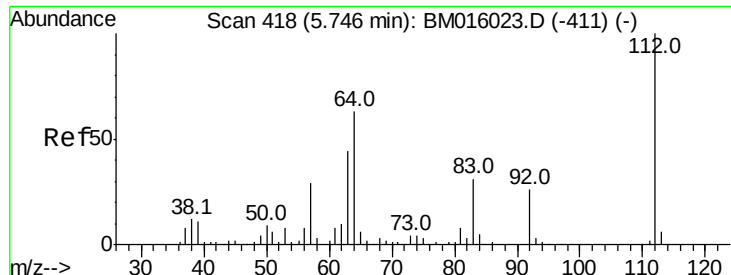


Abundance Ion 42.00 (41.70 to 42.70): BM016394.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM016394.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM016394.D (-70) (-)





#5

2-Fluorophenol

Concen: 50.445 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

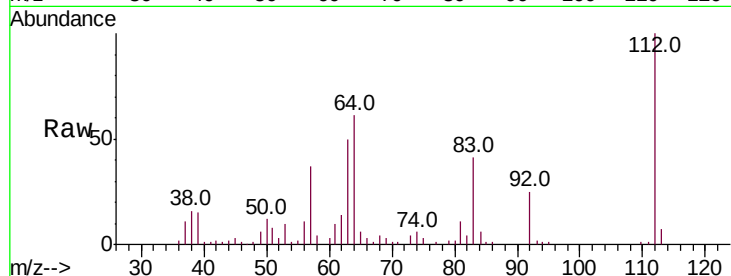
Tot Ion:112 Resp: 106992

Ion Ratio Lower Upper

112 100

64 61.2 38.6 57.8#

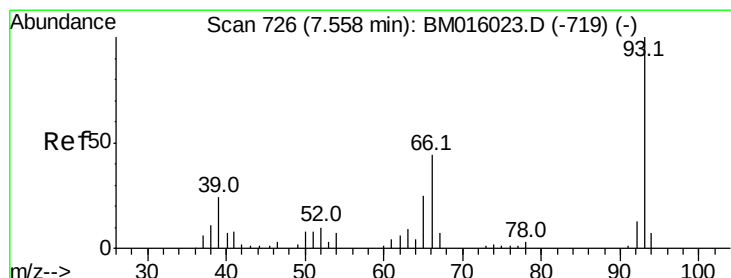
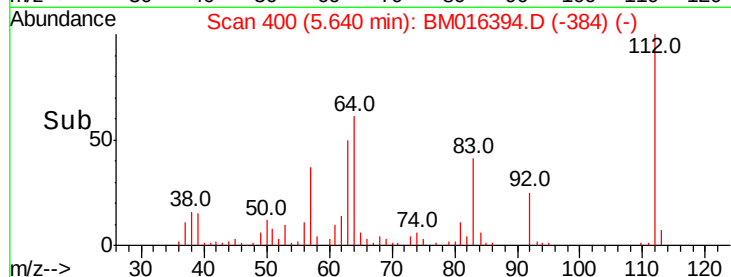
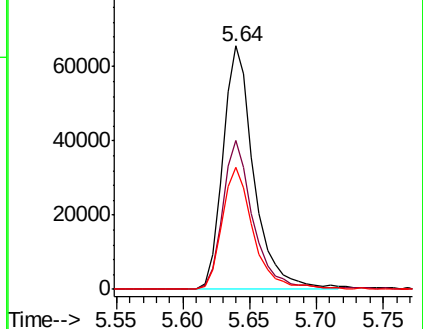
63 50.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 36.546 ng

RT: 7.45 min Scan# 707

Delta R.T. -0.00 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

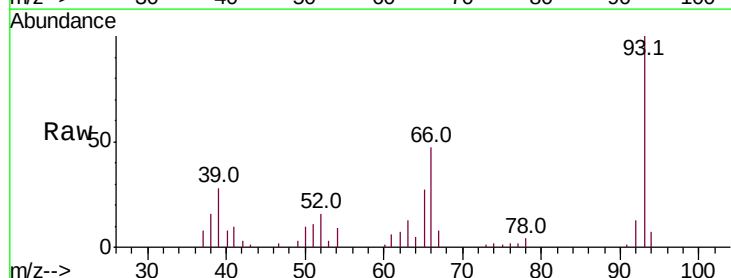
Tgt Ion: 93 Resp: 72485

Ion Ratio Lower Upper

93 100

66 47.0 30.8 46.2#

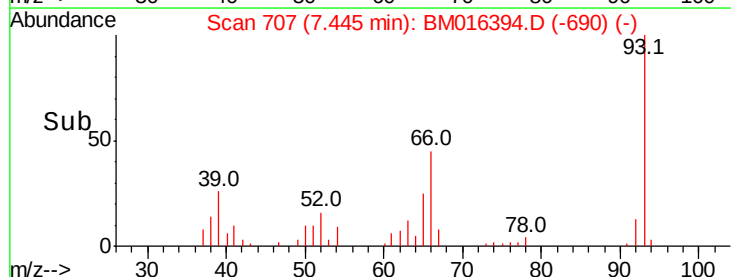
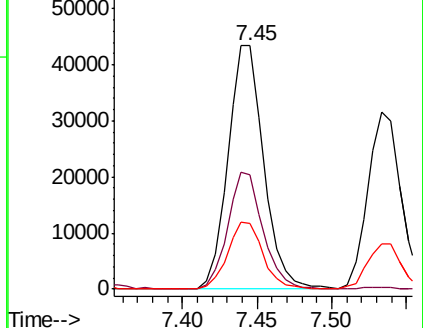
65 26.8 16.0 24.0#

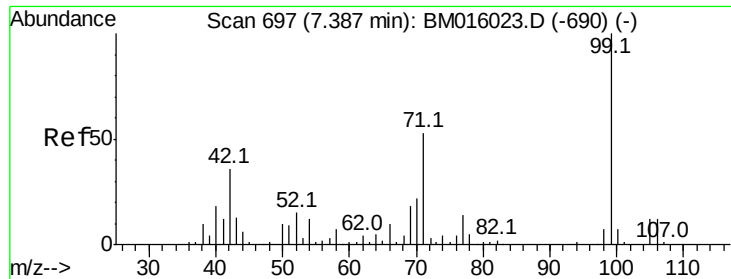


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 36.546 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

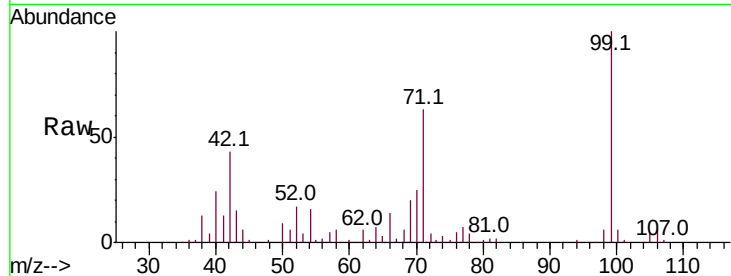
Tot Ion: 99 Resp: 130295

Ion Ratio Lower Upper

99 100

42 43.4 11.0 16.4#

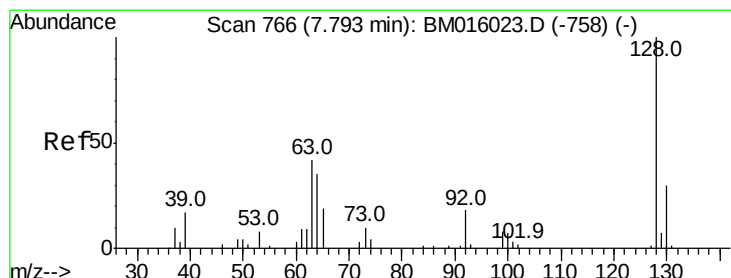
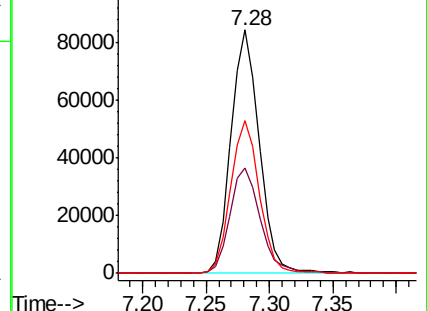
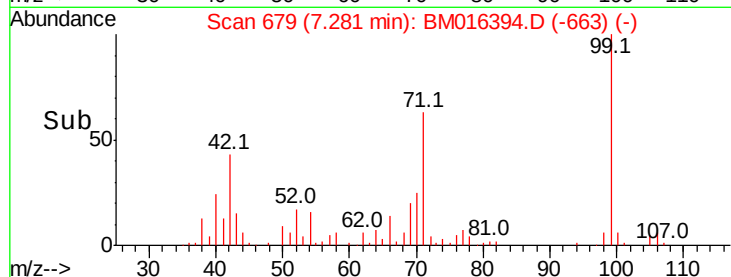
71 62.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016394.D (-663) (-)

Ion 42.00 (41.70 to 42.70): BM016394.D (-663) (-)

Ion 71.00 (70.70 to 71.70): BM016394.D (-663) (-)



#8

2-Chlorophenol

Concen: 38.803 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

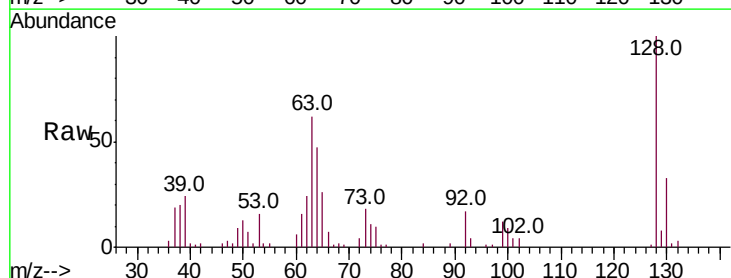
Tgt Ion: 128 Resp: 60831

Ion Ratio Lower Upper

128 100

130 33.2 12.0 52.0

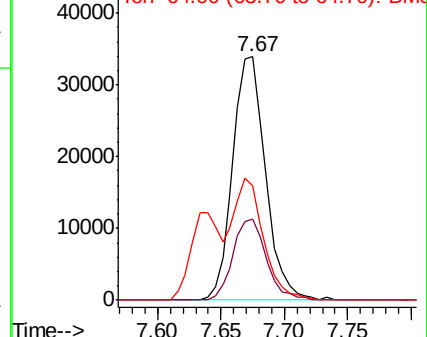
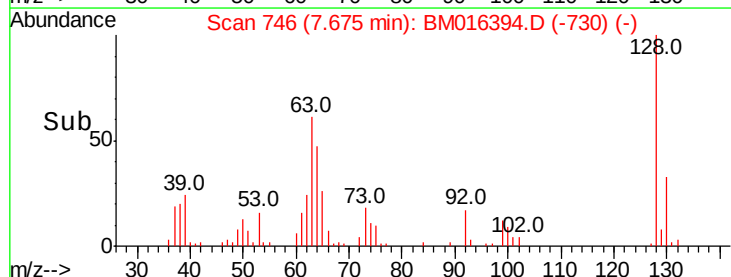
64 46.8 24.9 64.9



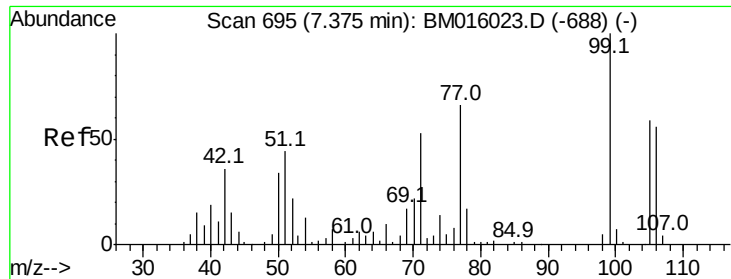
Abundance Ion 128.00 (127.70 to 128.70): BM016394.D (-730) (-)

Ion 130.00 (129.70 to 130.70): BM016394.D (-730) (-)

Ion 64.00 (63.70 to 64.70): BM016394.D (-730) (-)







#9

Benzaldehyde

Concen: 38.317 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

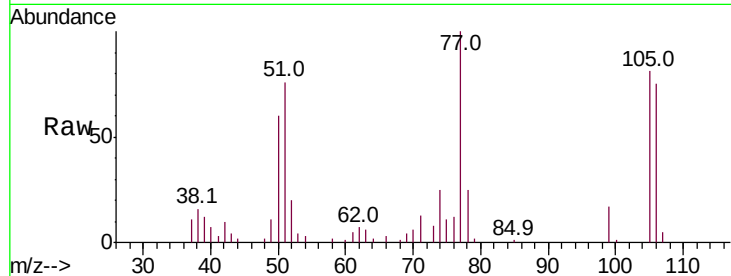
Tot Ion: 77 Resp: 46375

Ion Ratio Lower Upper

77 100

105 80.5 78.8 118.8

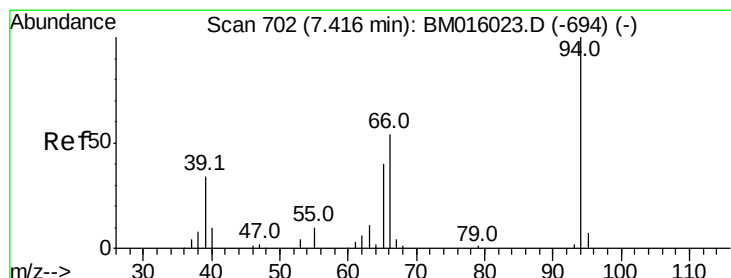
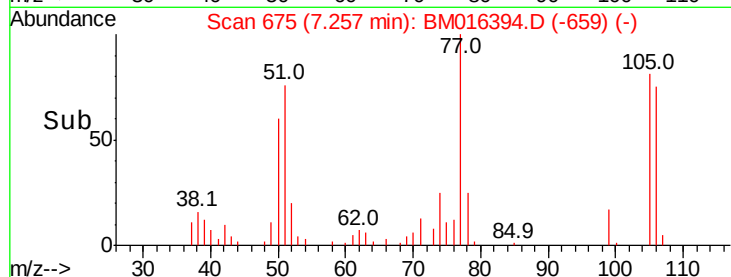
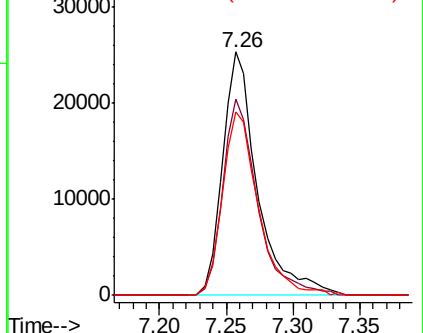
106 75.5 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016394.D (-688) (-)

Ion 105.00 (104.70 to 105.70): BM016394.D (-688) (-)

Ion 106.00 (105.70 to 106.70): BM016394.D (-688) (-)



#10

Phenol

Concen: 35.977 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

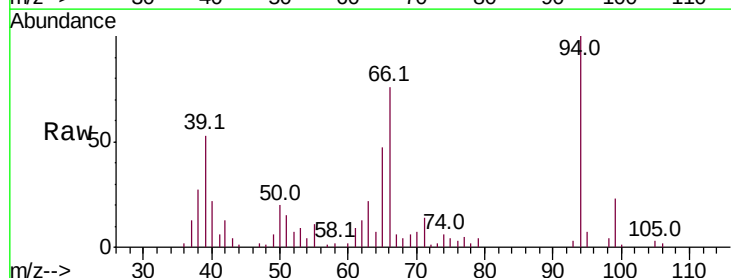
Tgt Ion: 94 Resp: 61970

Ion Ratio Lower Upper

94 100

65 46.6 18.8 58.8

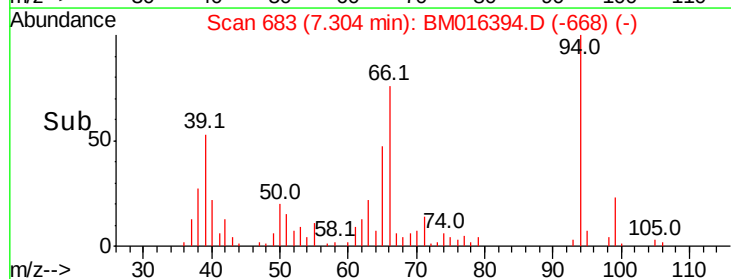
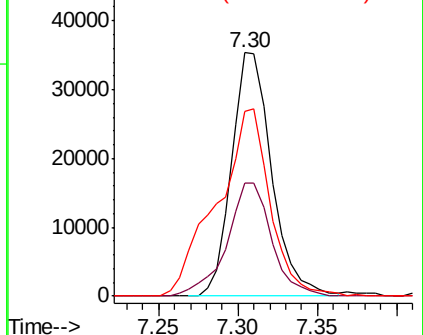
66 76.1 39.9 79.9



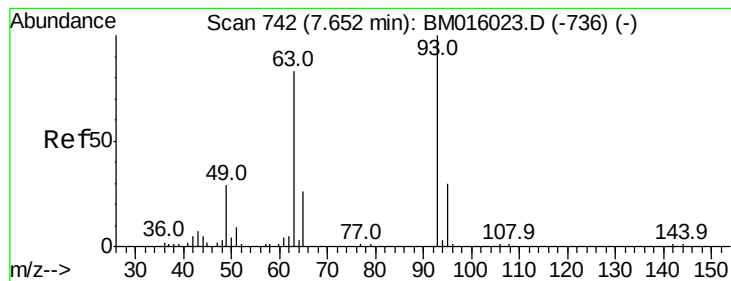
Abundance Ion 94.00 (93.70 to 94.70): BM016394.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM016394.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM016394.D (-668) (-)







#11

bis(2-Chloroethyl)ether

Concen: 36.062 ng

RT: 7.53 min Scan# 722

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

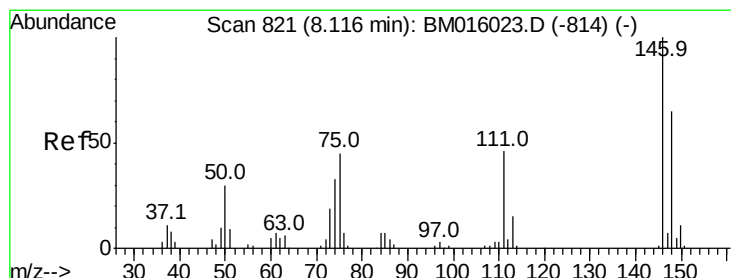
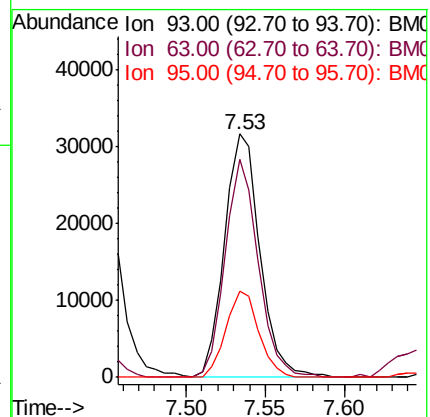
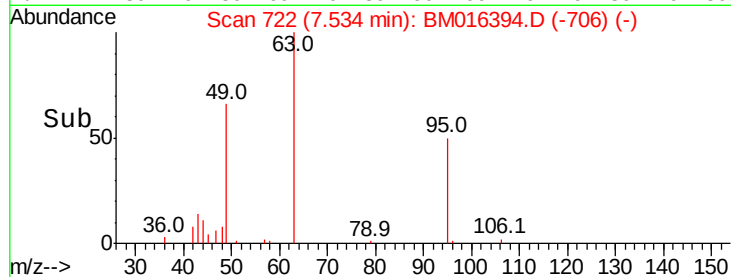
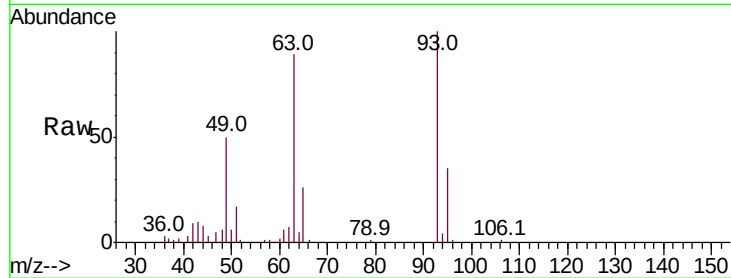
Tot Ion: 93 Resp: 49072

Ion Ratio Lower Upper

93 100

63 89.5 49.5 89.5

95 35.2 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.399 ng

RT: 7.99 min Scan# 800

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

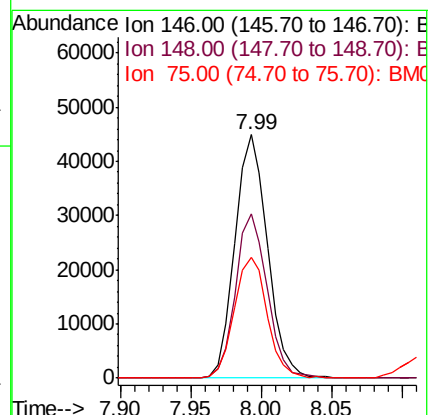
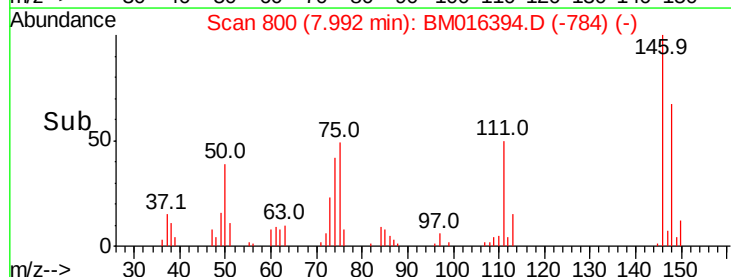
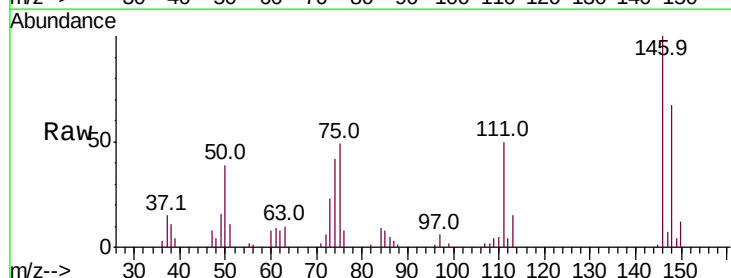
Tgt Ion: 146 Resp: 72297

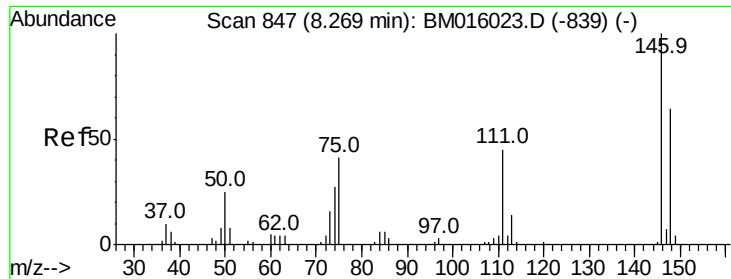
Ion Ratio Lower Upper

146 100

148 67.3 50.9 76.3

75 49.5 21.4 32.2#

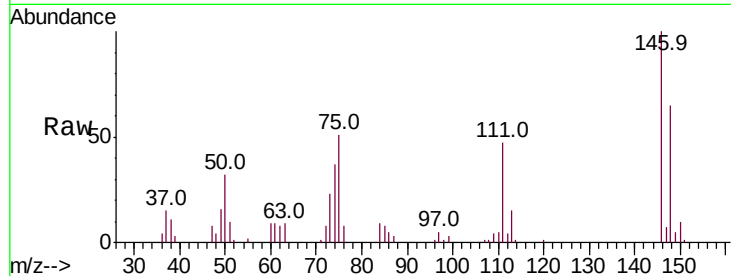




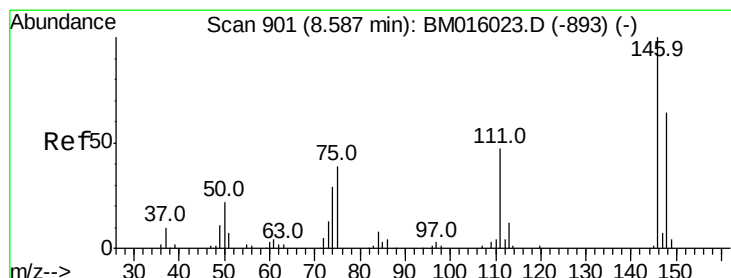
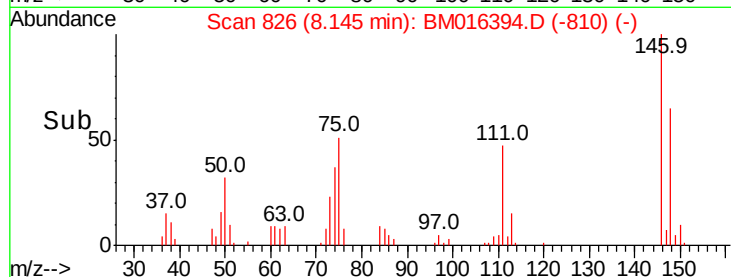
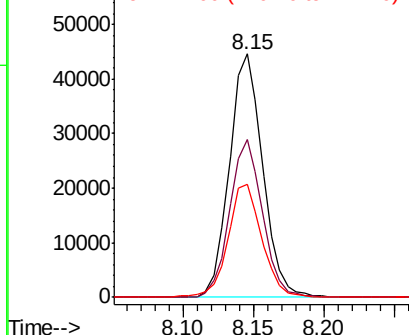
#13  
 1,4-Dichlorobenzene  
 Concen: 39.450 ng  
 RT: 8.15 min Scan# 826  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:146 Resp: 73419  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 51.9 77.9  
 111 46.6 29.2 43.8#

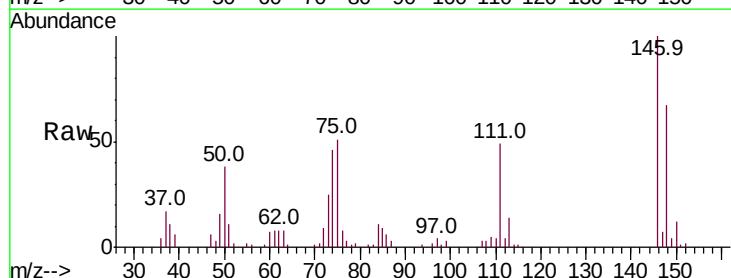


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

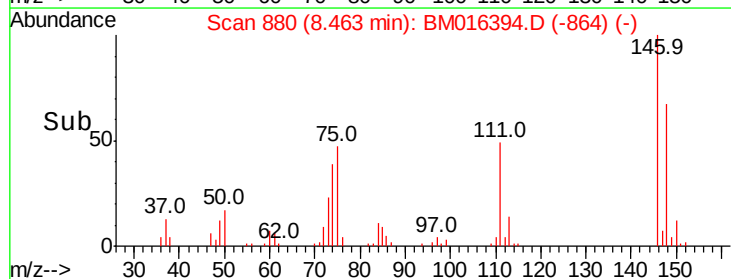
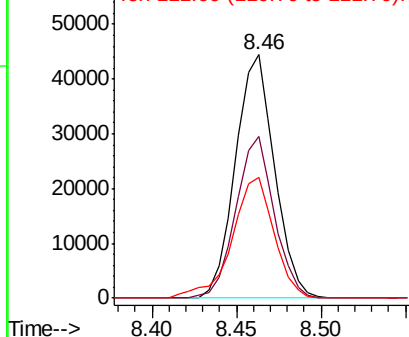


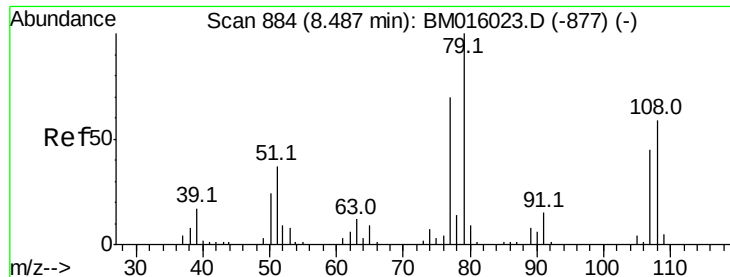
#14  
 1,2-Dichlorobenzene  
 Concen: 39.271 ng  
 RT: 8.46 min Scan# 880  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Tgt Ion:146 Resp: 71513  
 Ion Ratio Lower Upper  
 146 100  
 148 66.6 52.3 78.5  
 111 49.4 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

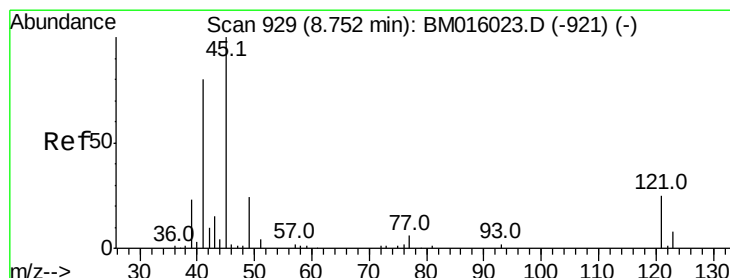
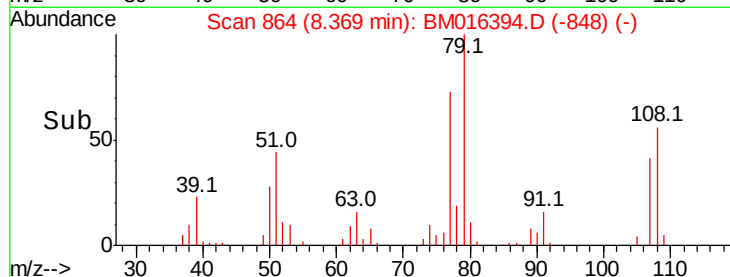
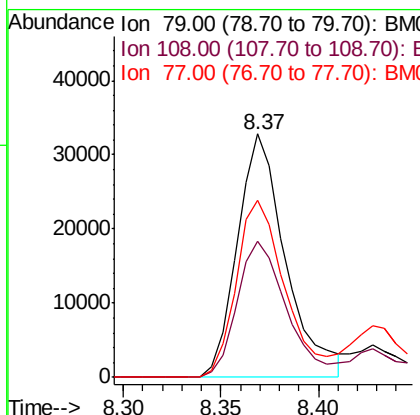
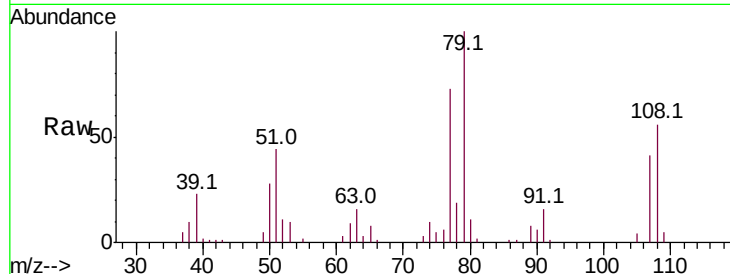




#15  
Benzyl Alcohol  
Concen: 41.021 ng  
RT: 8.37 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

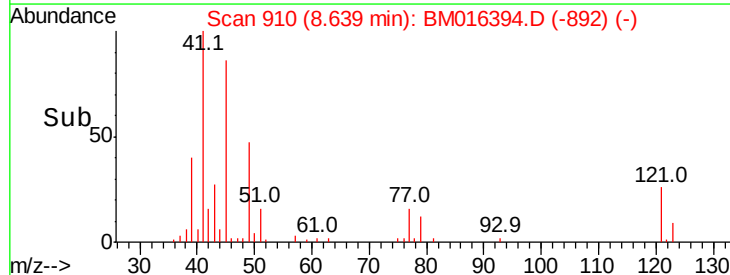
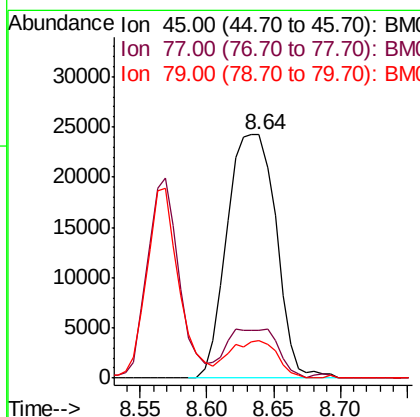
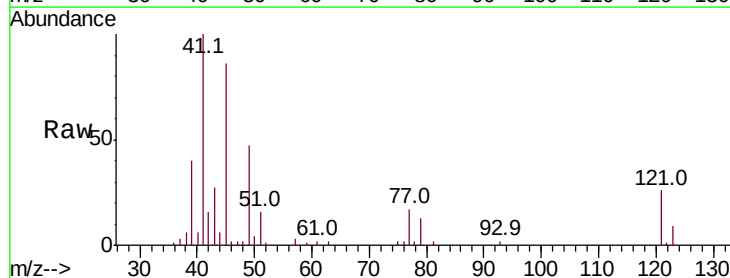
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

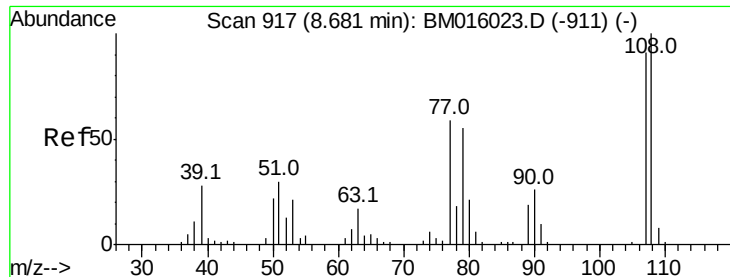
Tot Ion: 79 Resp: 56265  
Ion Ratio Lower Upper  
79 100  
108 55.8 65.0 97.4#  
77 72.7 53.0 79.6



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 29.768 ng  
RT: 8.64 min Scan# 910  
Delta R.T. 0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion: 45 Resp: 61995  
Ion Ratio Lower Upper  
45 100  
77 19.5 0.0 35.2  
79 15.5 0.0 32.0

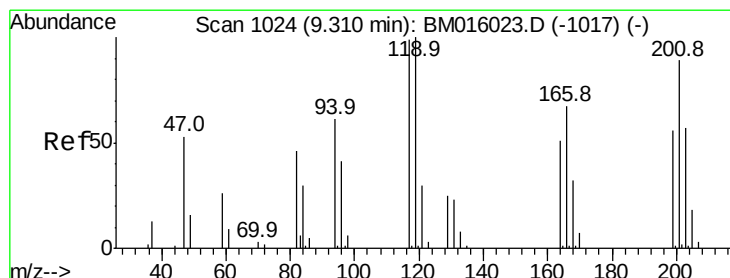
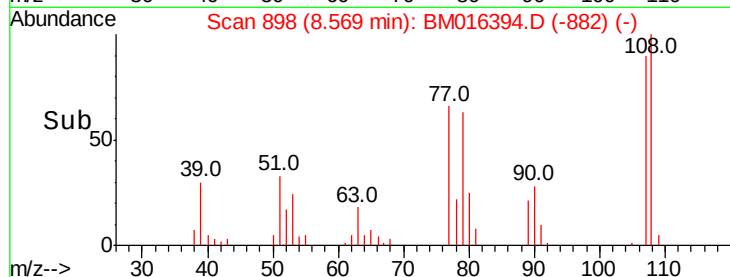
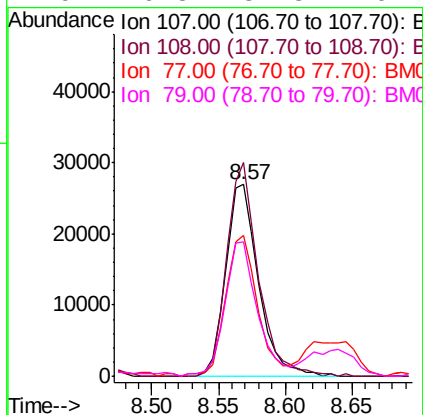
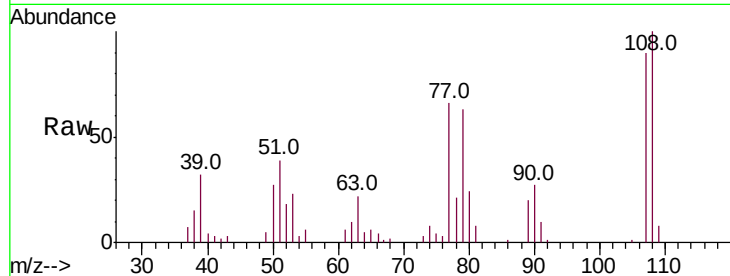




#17  
2-Methylphenol  
Concen: 39.472 ng  
RT: 8.57 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

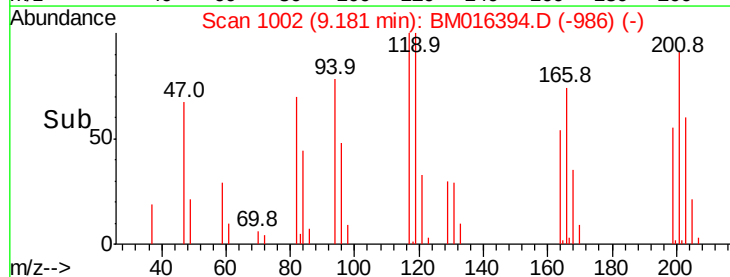
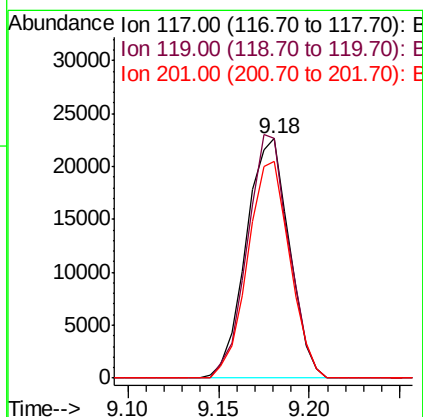
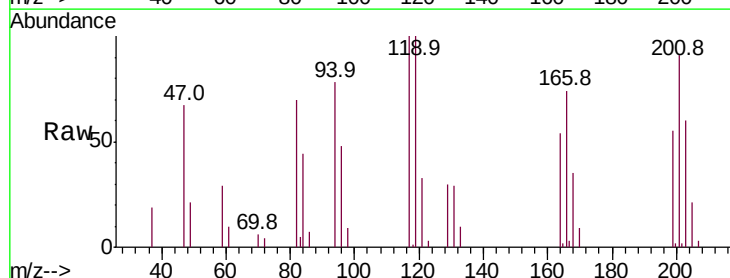
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

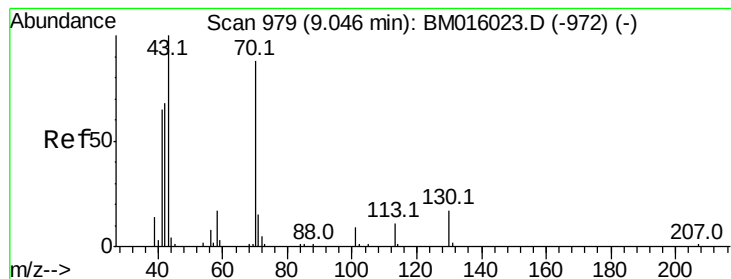
Tot Ion:107 Resp: 46471  
Ion Ratio Lower Upper  
107 100  
108 111.3 89.8 134.8  
77 73.6 32.6 48.8#  
79 70.3 32.8 49.2#



#18  
Hexachloroethane  
Concen: 46.607 ng  
RT: 9.18 min Scan# 1002  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion:117 Resp: 37494  
Ion Ratio Lower Upper  
117 100  
119 100.2 79.2 118.8  
201 90.7 69.8 104.6





#19

n-Nitroso-di-n-propylamine

Concen: 37.777 ng

RT: 8.93 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 47564

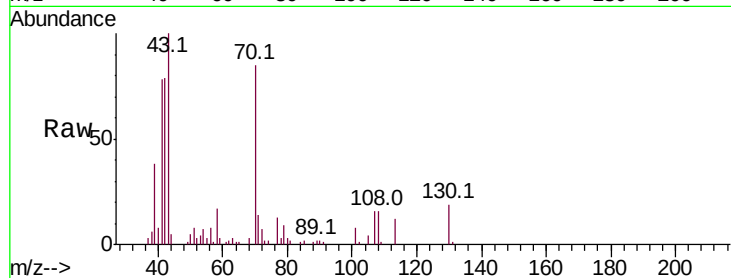
Ion Ratio Lower Upper

70 100

42 92.7 44.5 66.7#

101 9.2 7.4 11.2

130 22.1 15.3 22.9



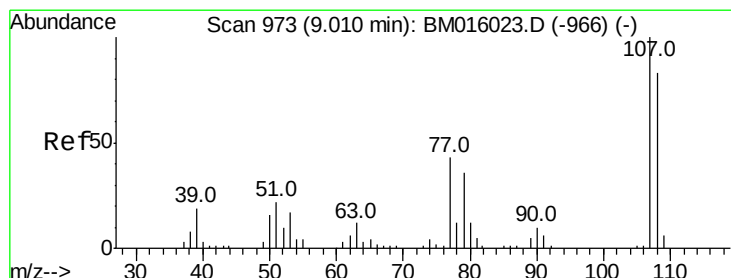
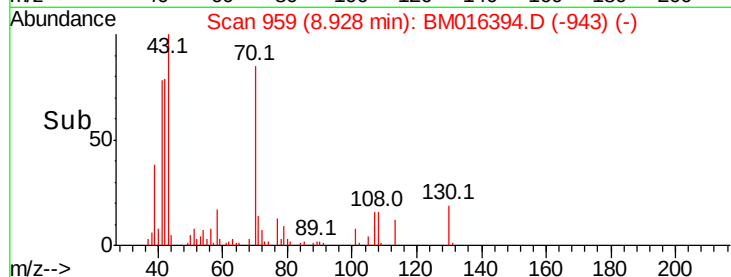
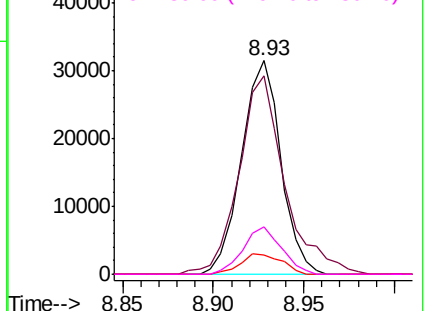
Abundance

Ion 70.00 (69.70 to 70.70): BM016023.D (-972) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-972) (-)

Ion 101.00 (100.70 to 101.70): BM016023.D (-972) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-972) (-)



#20

3+4-Methylphenols

Concen: 36.881 ng

RT: 8.90 min Scan# 954

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Tgt Ion: 107 Resp: 62472

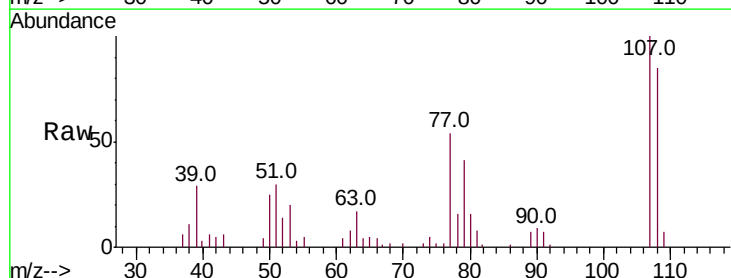
Ion Ratio Lower Upper

107 100

108 85.1 73.2 113.2

77 54.3 10.7 50.7#

79 41.3 9.6 49.6



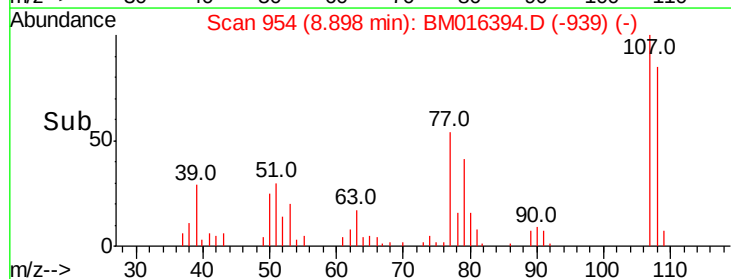
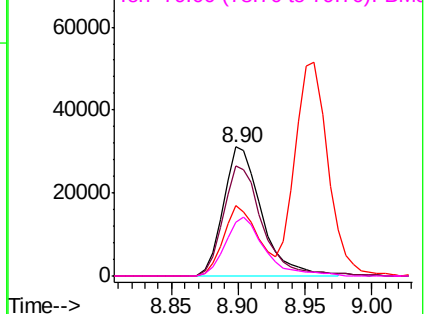
Abundance

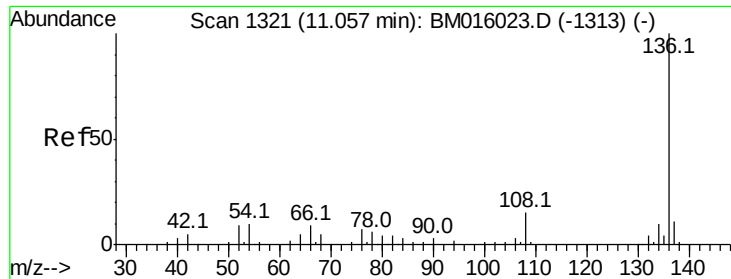
Ion 107.00 (106.70 to 107.70): BM016023.D (-966) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-966) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-966) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-966) (-)

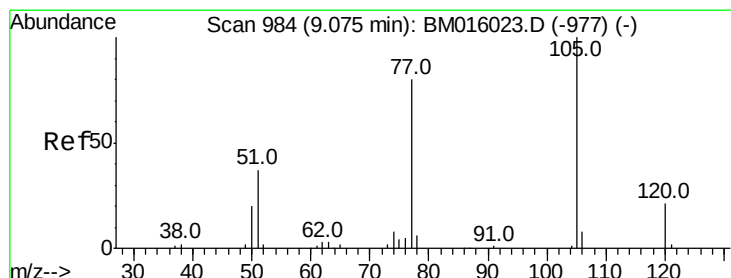
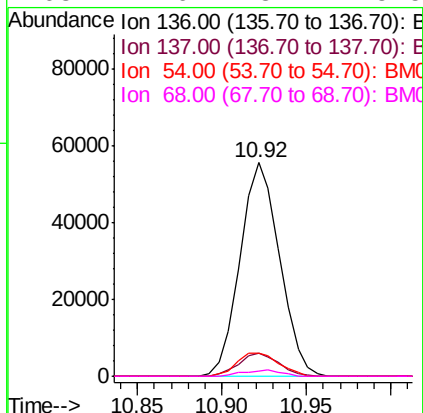
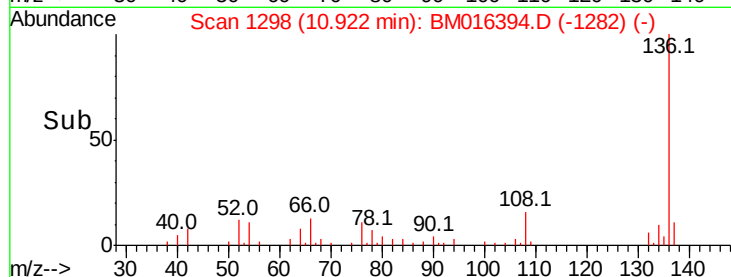
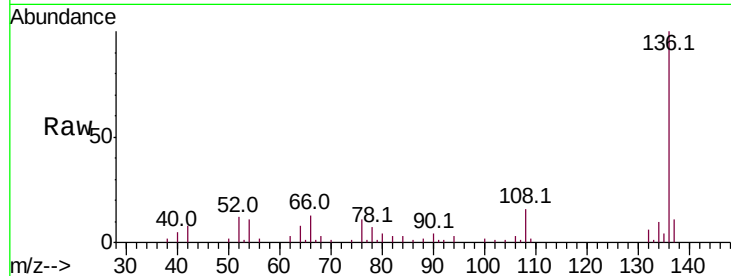




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1298  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

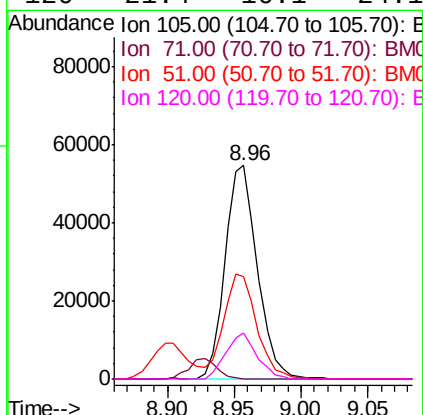
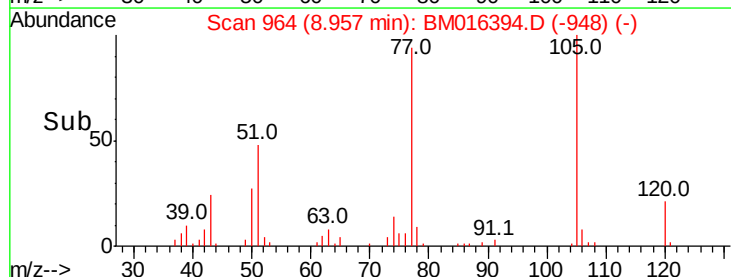
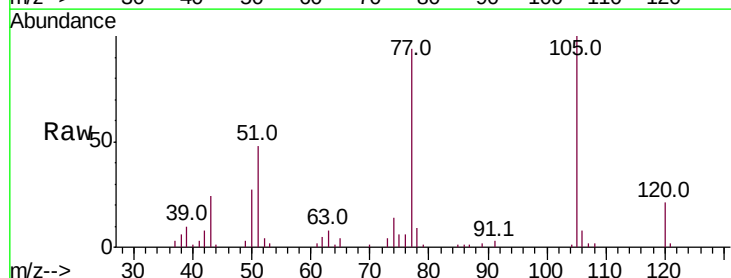
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

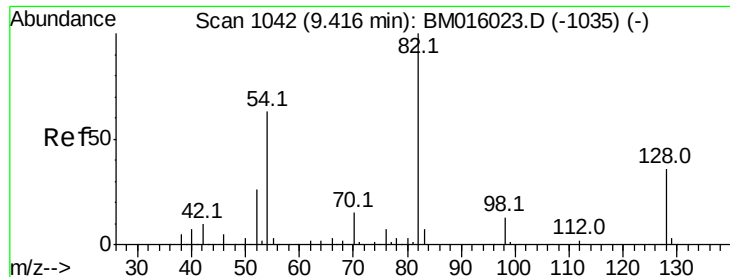
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 90823    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.7 13.1 |
| 54          | 11.0  | 4.6 6.8# |
| 68          | 2.6   | 3.7 5.5# |



#22  
Acetophenone  
Concen: 40.532 ng  
RT: 8.96 min Scan# 964  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 92693      |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 0.0   | 0.6 1.0#   |
| 51          | 48.2  | 21.6 32.4# |
| 120         | 21.4  | 16.1 24.1  |

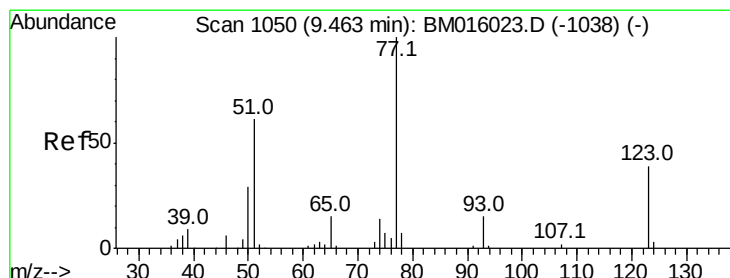
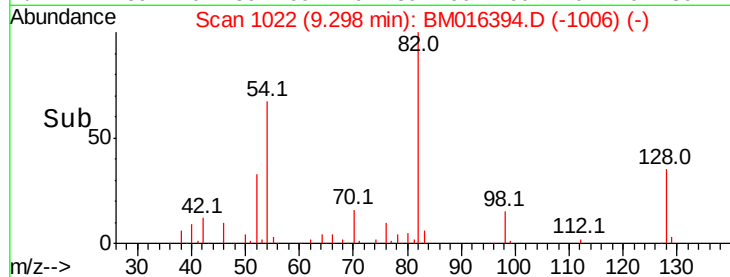
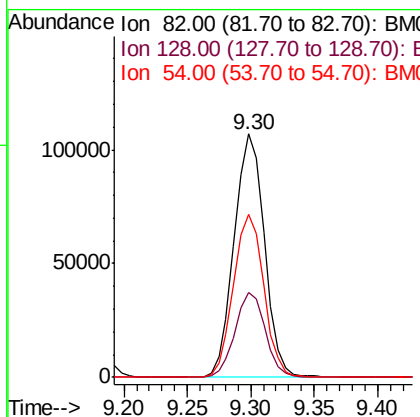
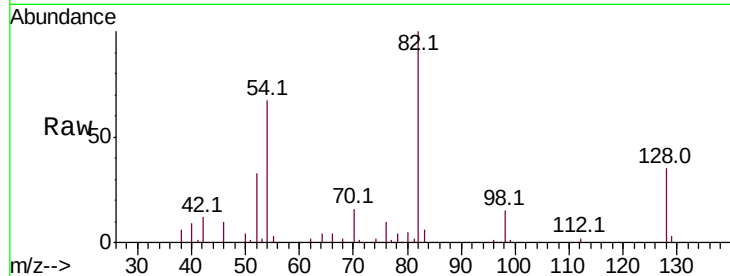




#23  
Nitrobenzene-d5  
Concen: 40.532 ng  
RT: 9.30 min Scan# 1022  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

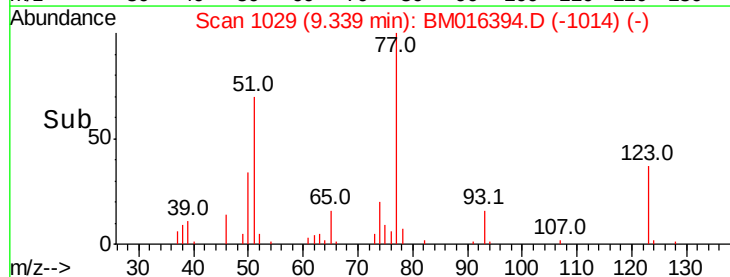
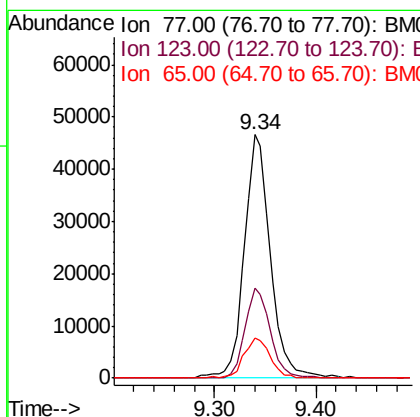
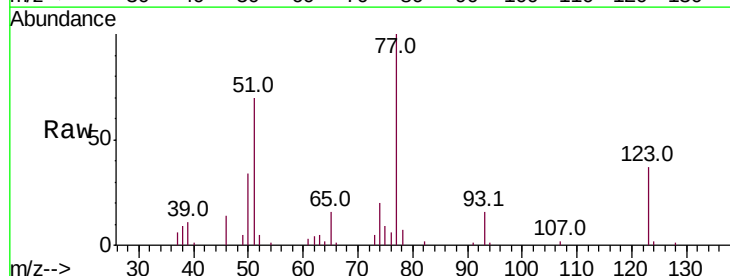
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 177228  
Ion Ratio Lower Upper  
82 100  
128 34.8 32.8 49.2  
54 66.9 40.6 60.8#

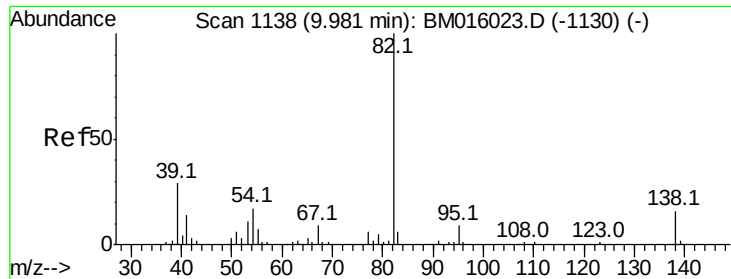


#24  
Nitrobenzene  
Concen: 42.298 ng  
RT: 9.34 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion: 77 Resp: 83139  
Ion Ratio Lower Upper  
77 100  
123 37.2 32.6 49.0  
65 16.3 10.9 16.3



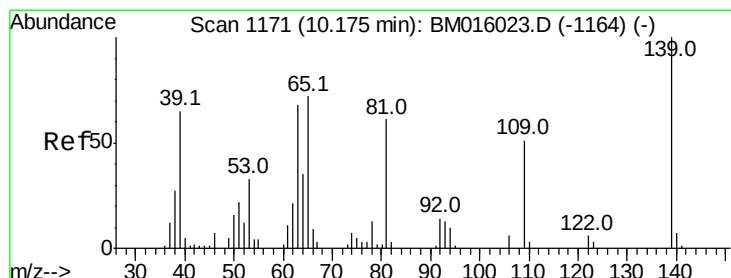
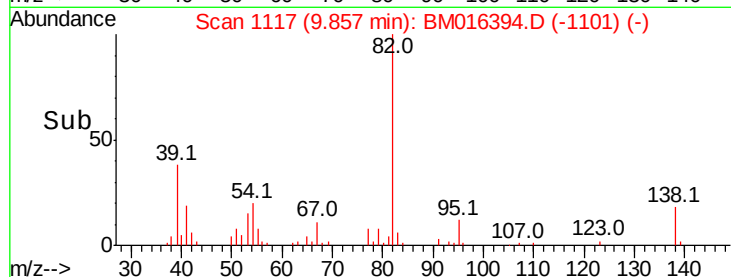
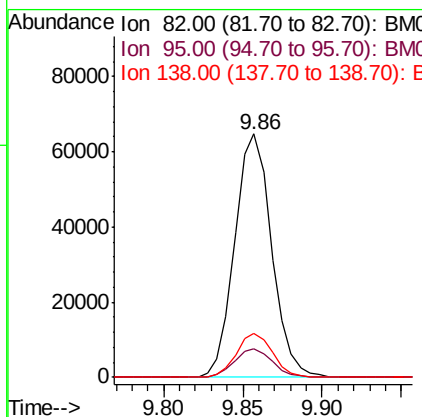
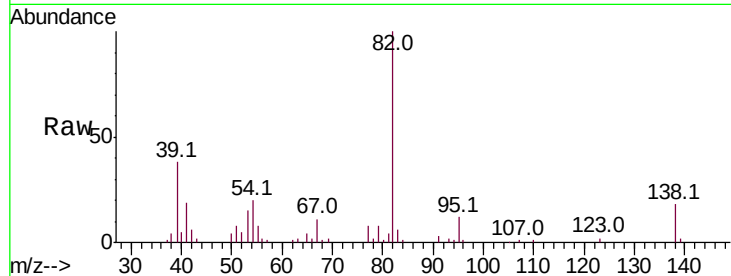




#25  
Isophorone  
Concen: 39.160 ng  
RT: 9.86 min Scan# 1117  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

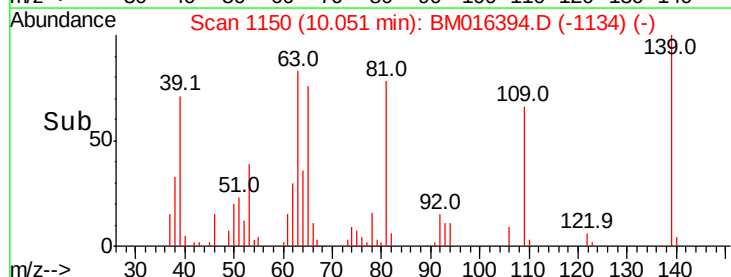
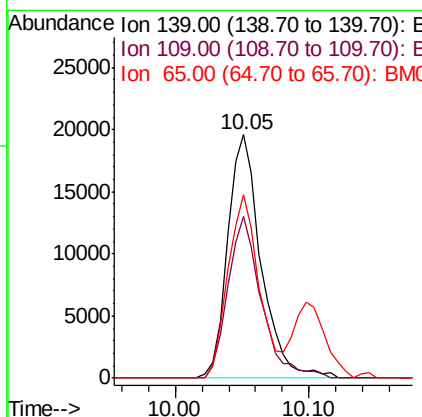
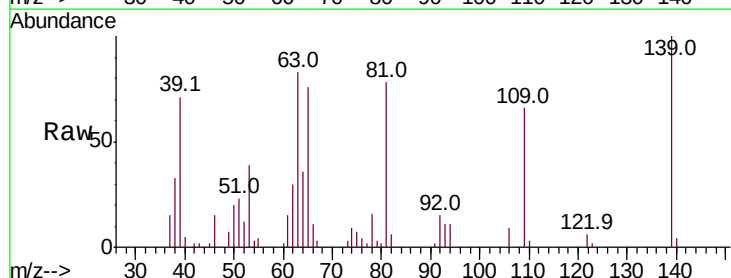
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

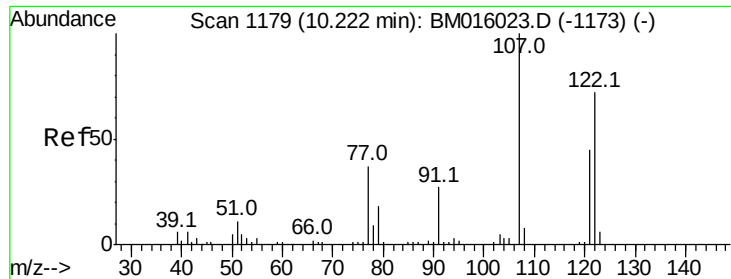
Tot Ion: 82 Resp: 104597  
Ion Ratio Lower Upper  
82 100  
95 11.6 5.8 8.6#  
138 17.8 16.3 24.5



#26  
2-Nitrophenol  
Concen: 41.655 ng  
RT: 10.05 min Scan# 1150  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion:139 Resp: 34178  
Ion Ratio Lower Upper  
139 100  
109 66.3 20.1 30.1#  
65 75.6 31.5 47.3#

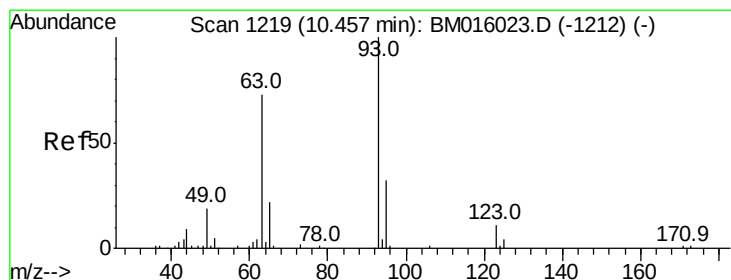
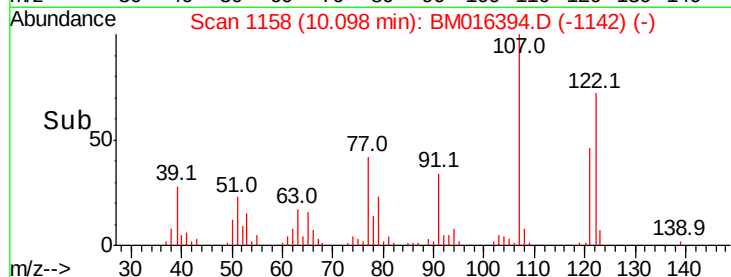
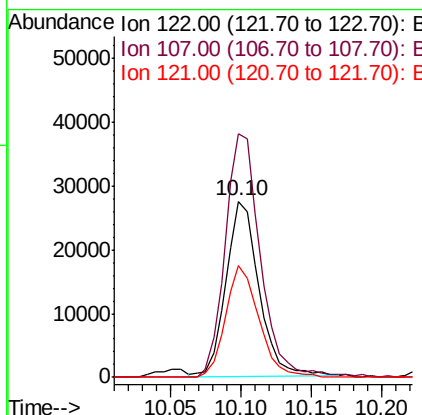
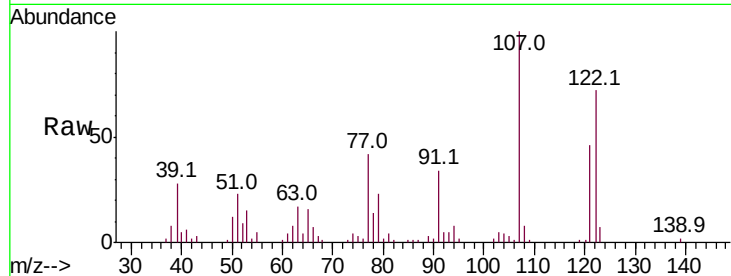




#27  
 2,4-Dimethylphenol  
 Concen: 39.054 ng  
 RT: 10.10 min Scan# 1158  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

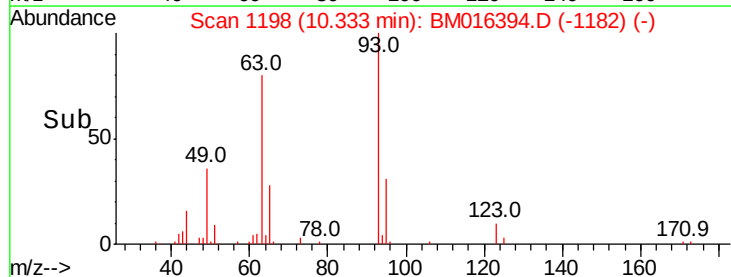
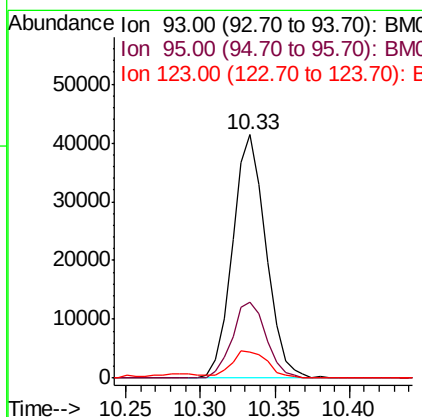
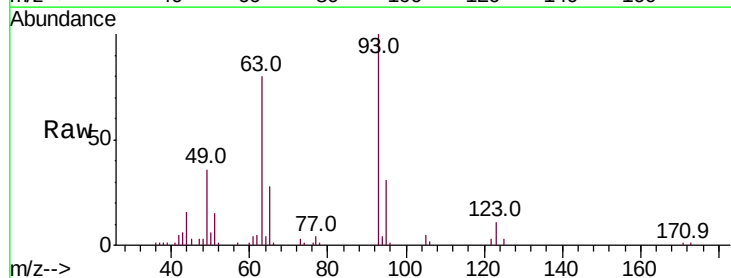
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

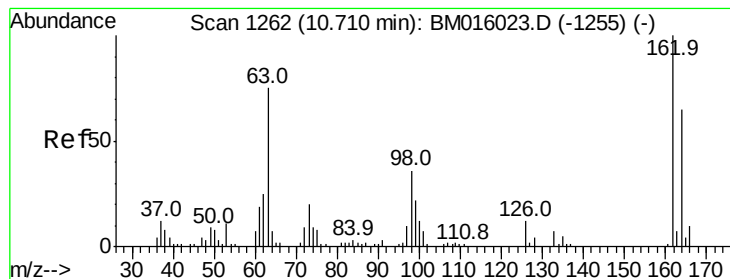
Tot Ion:122 Resp: 44644  
 Ion Ratio Lower Upper  
 122 100  
 107 138.4 84.7 127.1#  
 121 63.6 46.6 69.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.040 ng  
 RT: 10.33 min Scan# 1198  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Tgt Ion: 93 Resp: 64302  
 Ion Ratio Lower Upper  
 93 100  
 95 31.4 25.5 38.3  
 123 10.9 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 43.469 ng

RT: 10.58 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

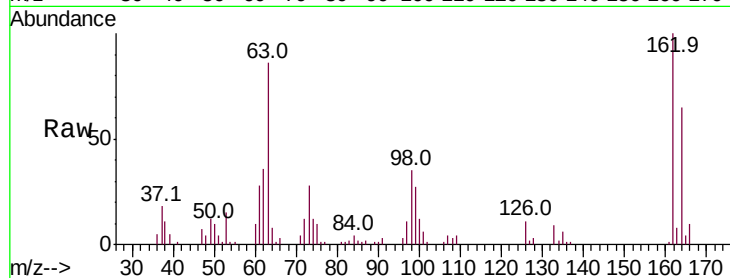
Tot Ion:162 Resp: 59047

Ion Ratio Lower Upper

162 100

164 65.0 42.8 82.8

98 35.0 14.5 54.5

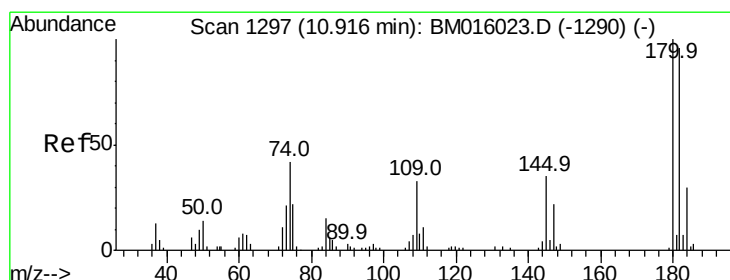
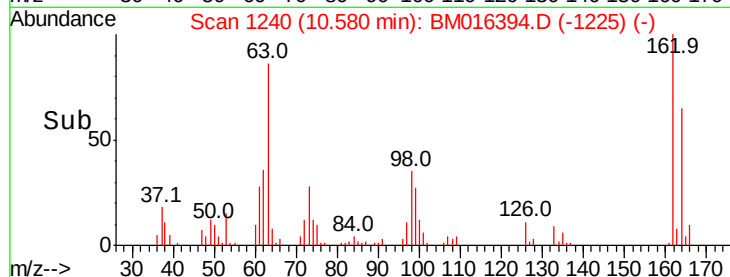
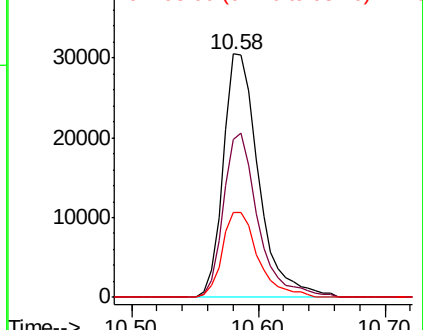


Abundance

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: 42.976 ng

RT: 10.79 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

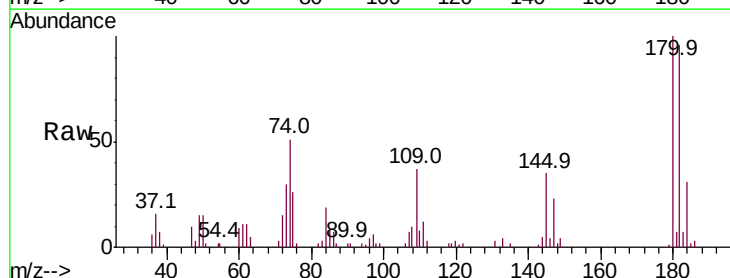
Tgt Ion:180 Resp: 70929

Ion Ratio Lower Upper

180 100

182 95.7 77.6 116.4

145 35.0 23.4 35.2

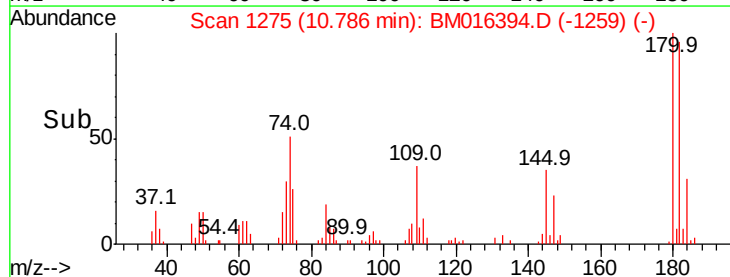
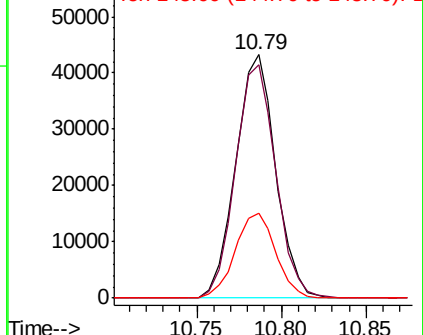


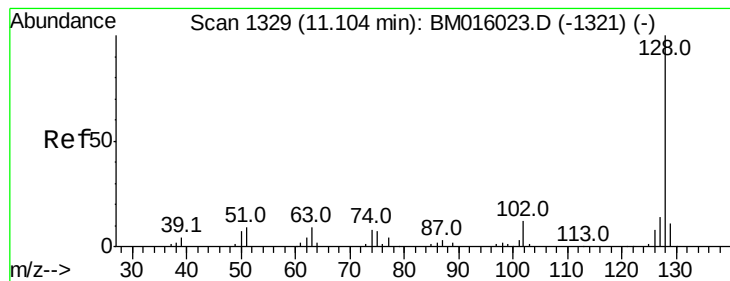
Abundance

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: 38.283 ng

RT: 10.97 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

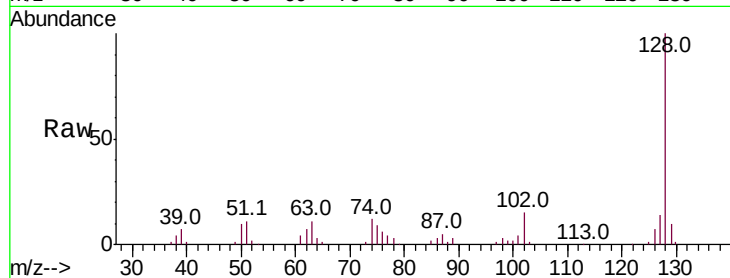
Tot Ion:128 Resp: 175973

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

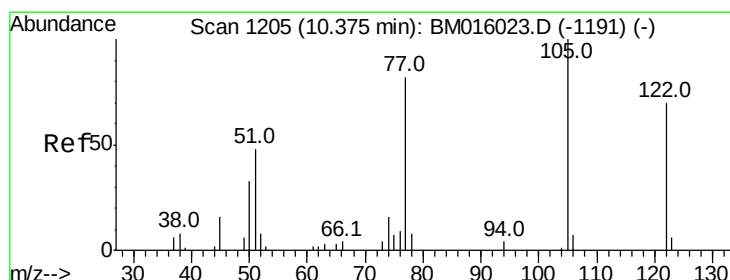
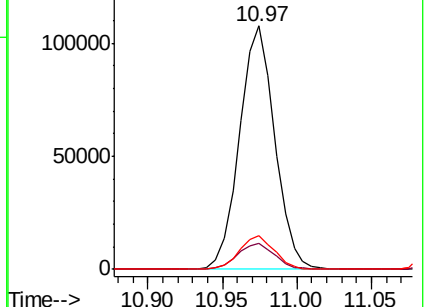
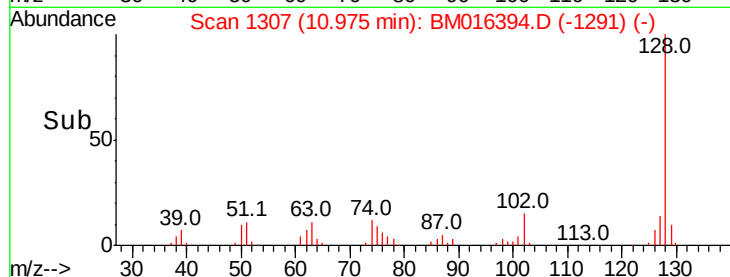
127 13.6 10.4 15.6



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: 37.196 ng

RT: 10.29 min Scan# 1190

Delta R.T. 0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

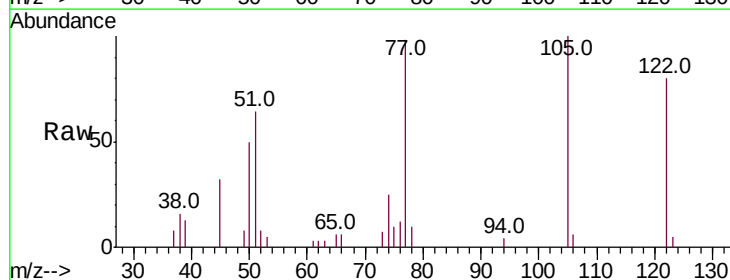
Tgt Ion:122 Resp: 32413

Ion Ratio Lower Upper

122 100

105 125.2 99.9 139.9

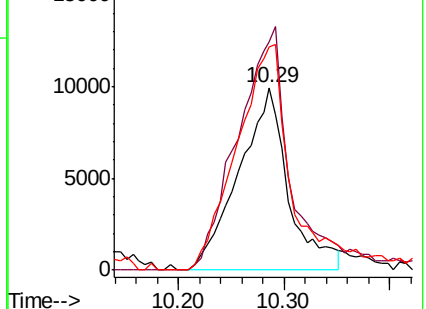
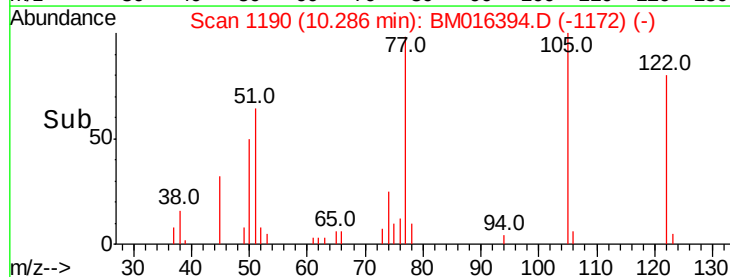
77 122.2 73.7 113.7#

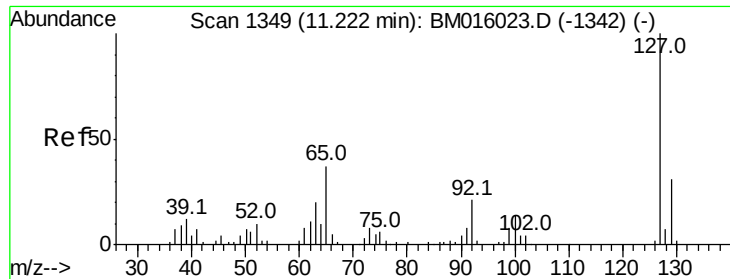


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

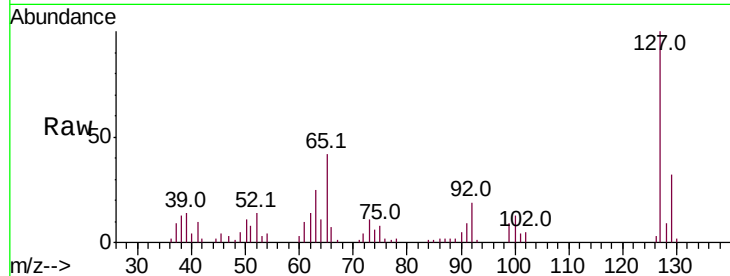




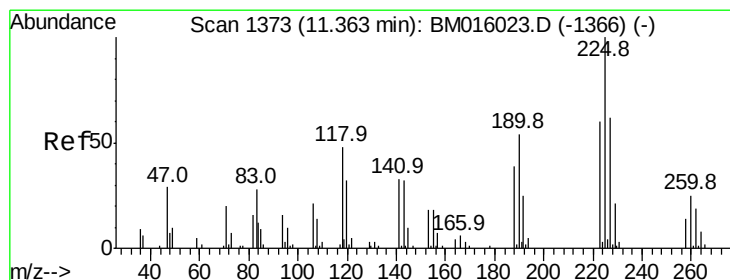
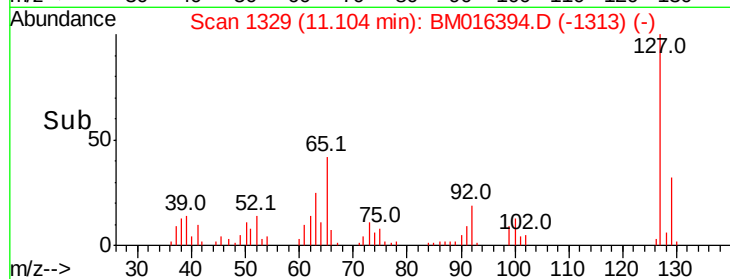
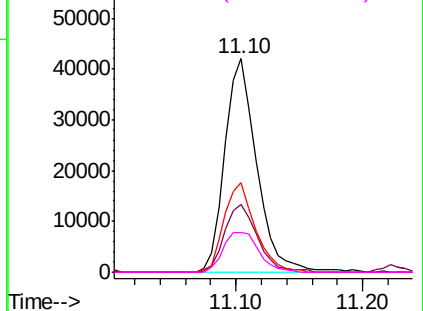
#33  
4-Chloroaniline  
Concen: 39.299 ng  
RT: 11.10 min Scan# 1329  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 73716 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.7  | 25.3  | 37.9  |
| 65       | 41.8  | 17.6  | 26.4  |
| 92       | 18.8  | 13.1  | 19.7  |

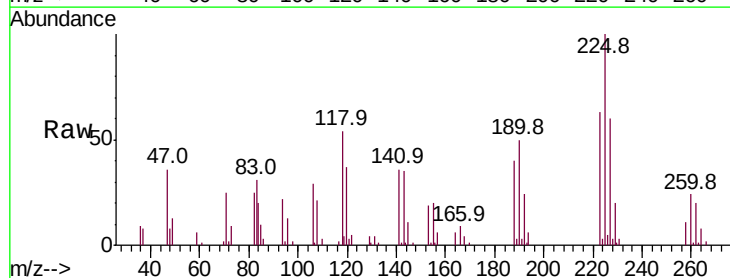


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

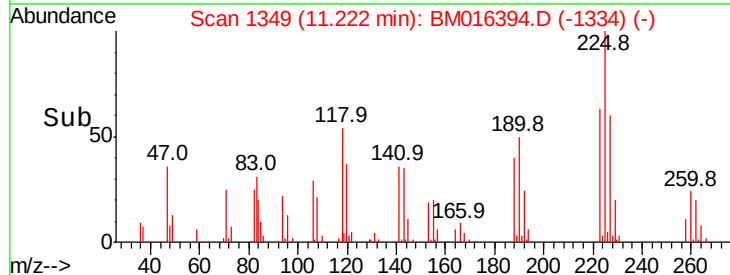
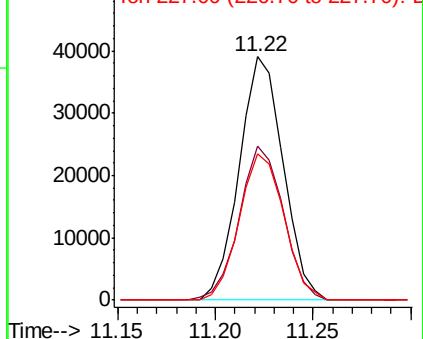


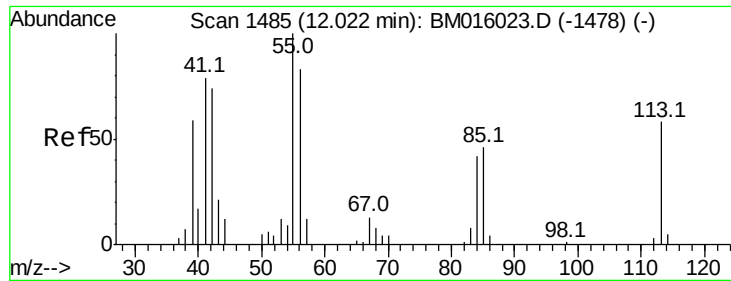
#34  
Hexachlorobutadiene  
Concen: 53.237 ng  
RT: 11.22 min Scan# 1349  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 60947 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.3  | 47.9  | 71.9  |
| 227      | 60.3  | 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: 35.441 ng

RT: 11.92 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

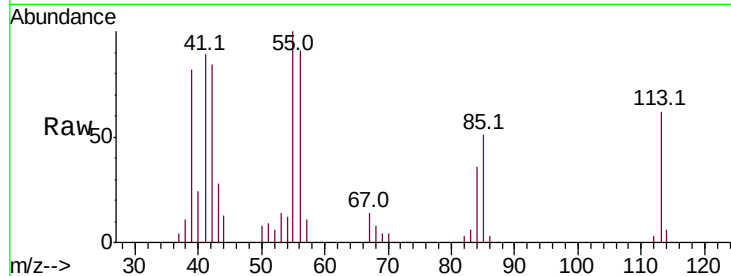
Tot Ion:113 Resp: 13334

Ion Ratio Lower Upper

113 100

55 160.1 145.9 185.9

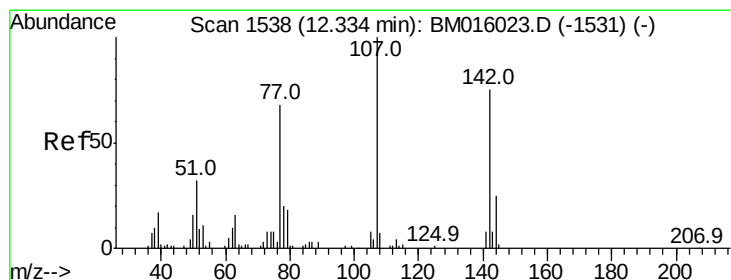
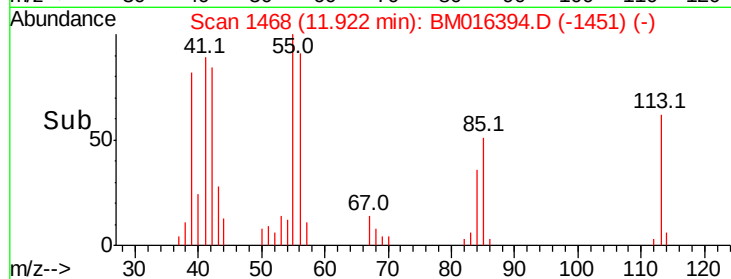
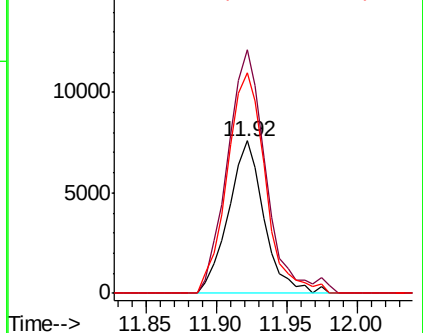
56 144.9 101.0 141.0#



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: 41.258 ng

RT: 12.22 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

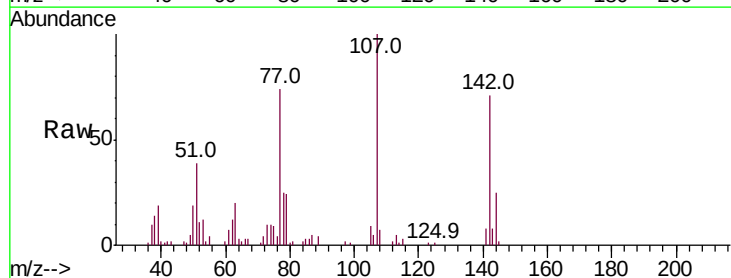
Tgt Ion:107 Resp: 61641

Ion Ratio Lower Upper

107 100

144 25.2 23.3 34.9

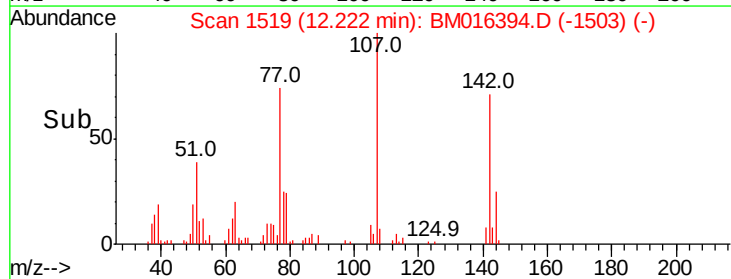
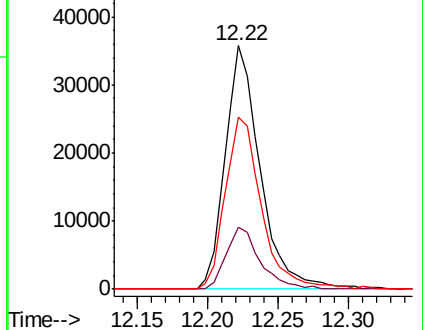
142 70.7 72.6 109.0#

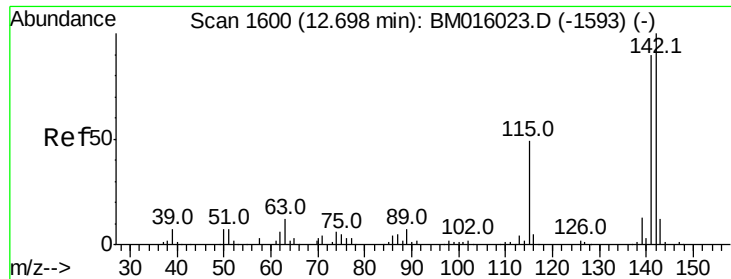


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

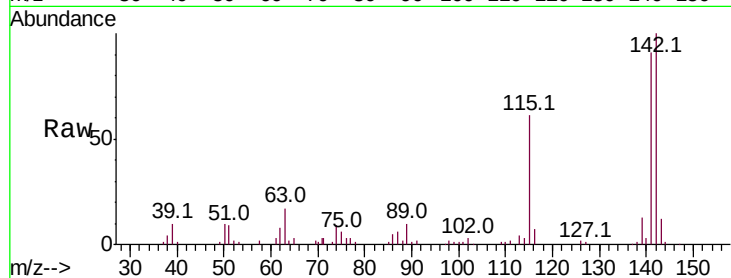




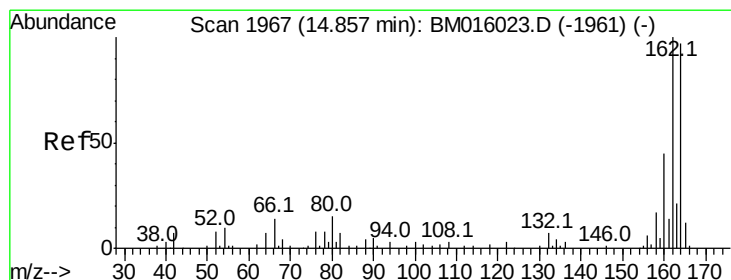
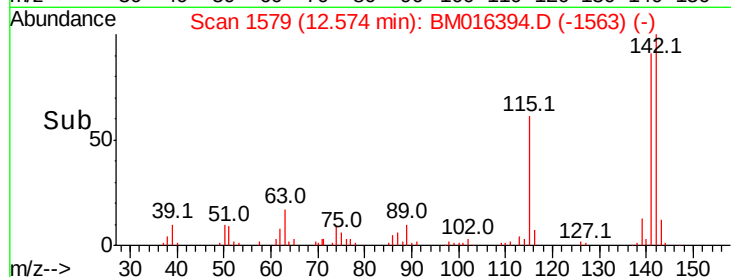
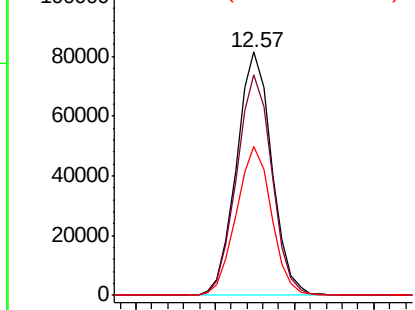
#37  
2-Methylnaphthalene  
Concen: 40.807 ng  
RT: 12.57 min Scan# 1579  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:142 Resp: 125653  
Ion Ratio Lower Upper  
142 100  
141 90.5 71.9 107.9  
115 61.0 25.4 38.0#

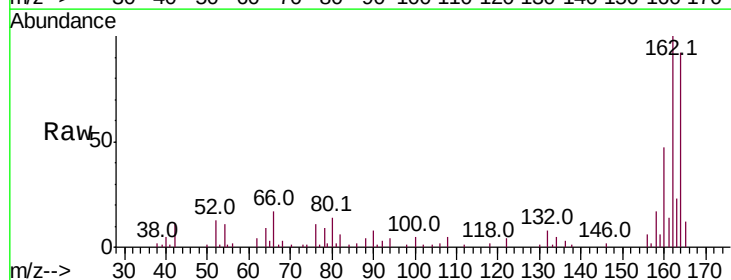


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

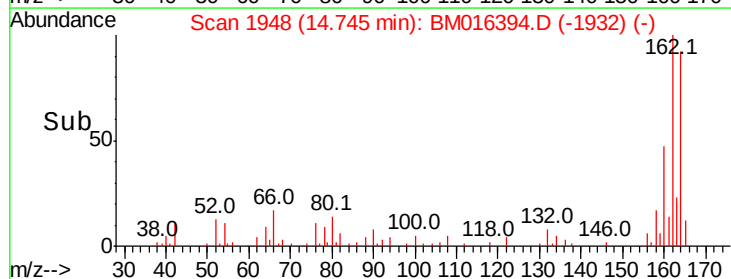
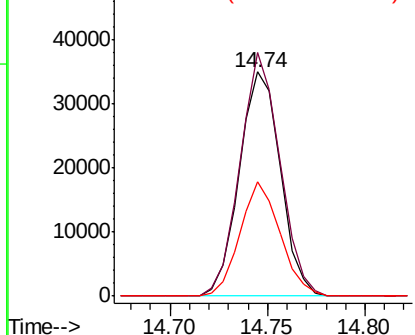


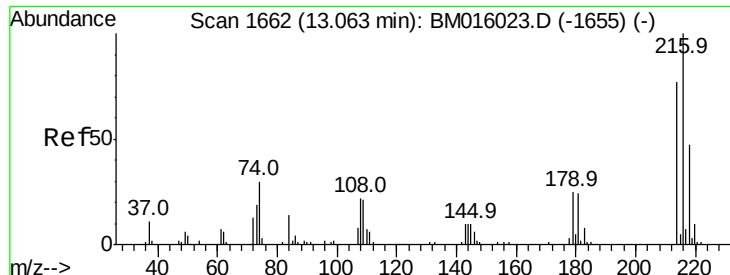
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.74 min Scan# 1948  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion:164 Resp: 51045  
Ion Ratio Lower Upper  
164 100  
162 108.7 82.4 123.6  
160 50.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E

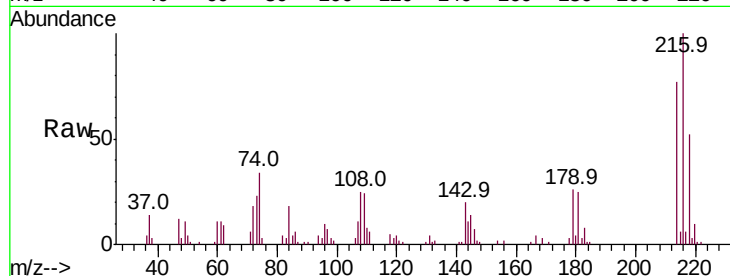




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.515 ng  
 RT: 12.94 min Scan# 1641  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 80834 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 78.3  | 0.0   | 0.0#  |
| 179      | 25.4  | 0.0   | 0.0#  |
| 108      | 25.5  | 0.0   | 0.0#  |



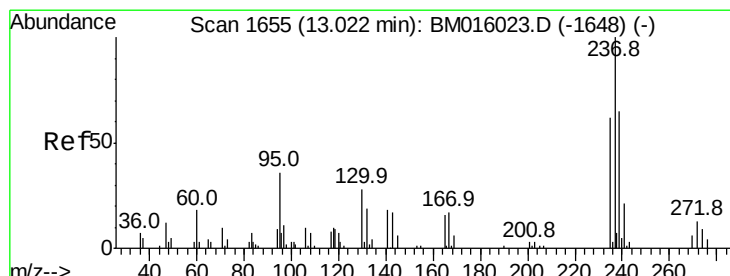
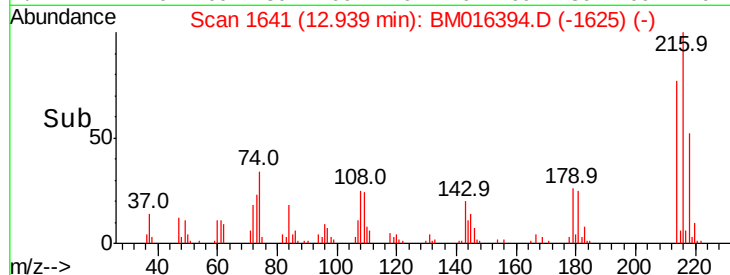
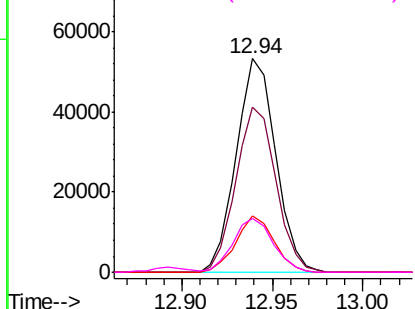
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

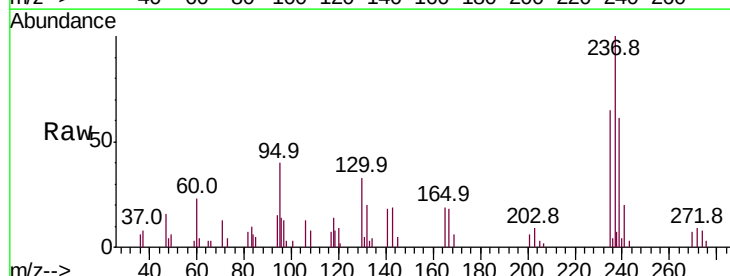
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40  
 Hexachlorocyclopentadiene  
 Concen: 30.671 ng  
 RT: 12.89 min Scan# 1633  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 21699 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 65.2  | 42.0  | 82.0  |
| 272      | 9.5   | 0.0   | 33.4  |

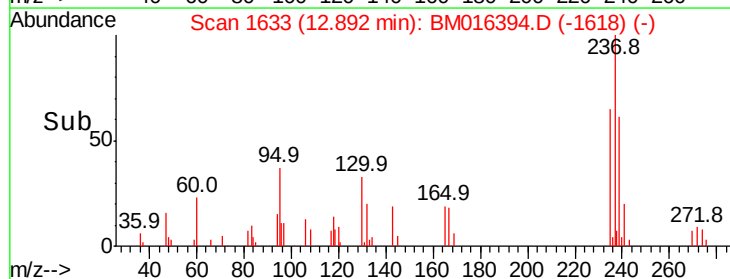
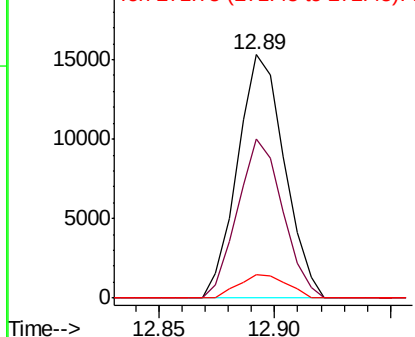


Abundance

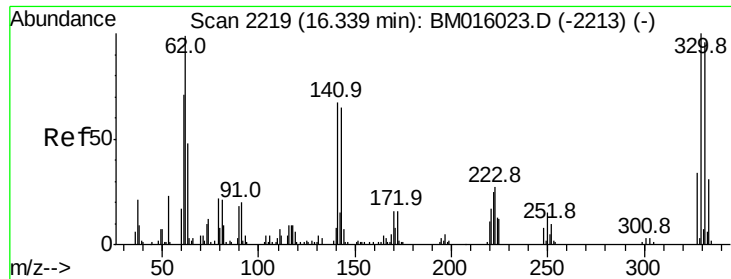
Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



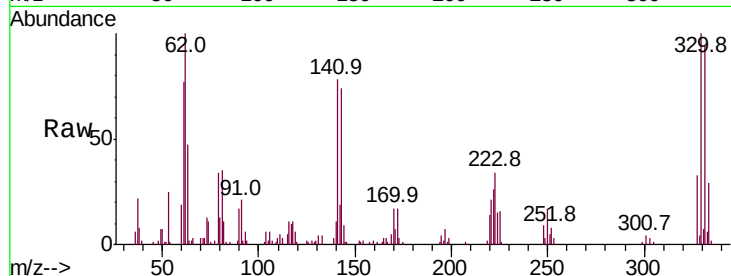




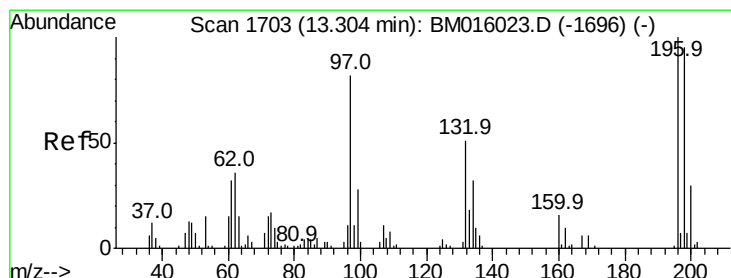
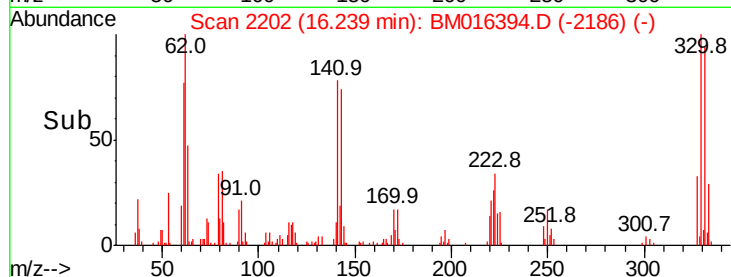
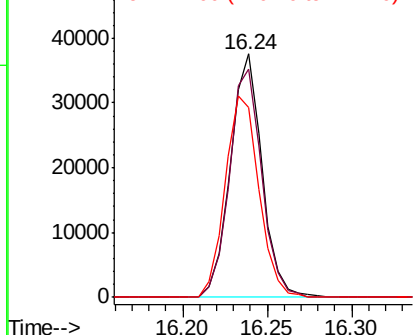
#41  
 2,4,6-Tribromophenol  
 Concen: 30.671 ng  
 RT: 16.24 min Scan# 2202  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:330 Resp: 48722  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 0.0 0.0#  
 141 88.5 0.0 0.0#

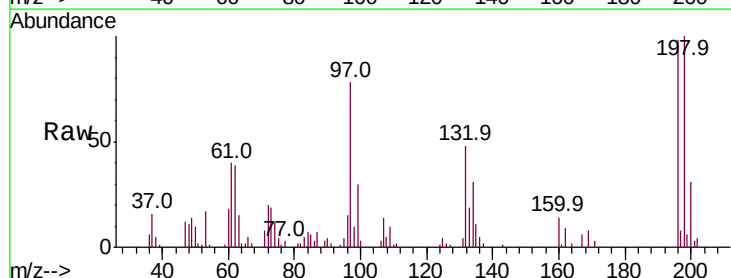


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

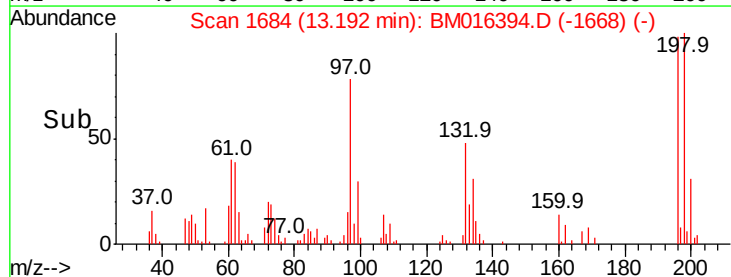
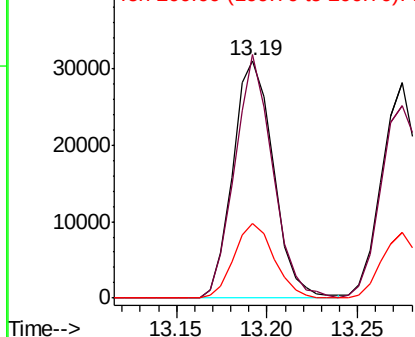


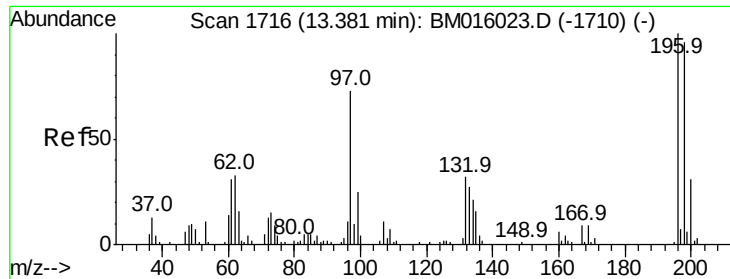
#42  
 2,4,6-Trichlorophenol  
 Concen: 44.455 ng  
 RT: 13.19 min Scan# 1684  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Tgt Ion:196 Resp: 48335  
 Ion Ratio Lower Upper  
 196 100  
 198 102.5 76.3 114.5  
 200 31.5 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

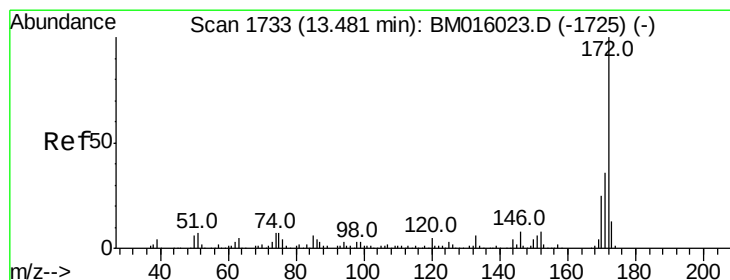
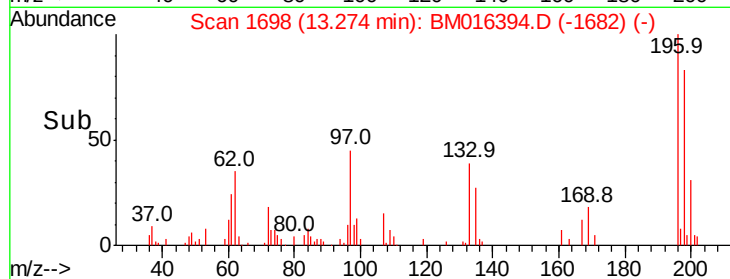
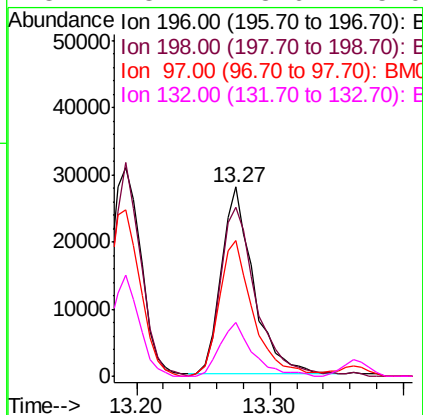
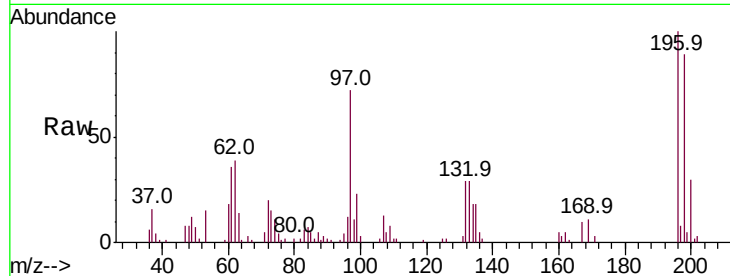




#43  
 2,4,5-Trichlorophenol  
 Concen: 42.366 ng  
 RT: 13.27 min Scan# 1698  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

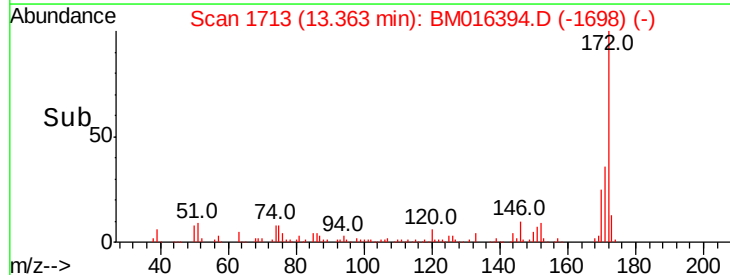
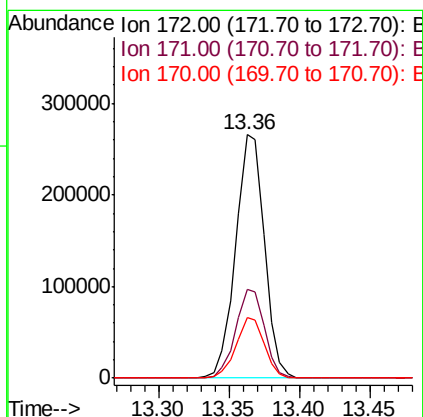
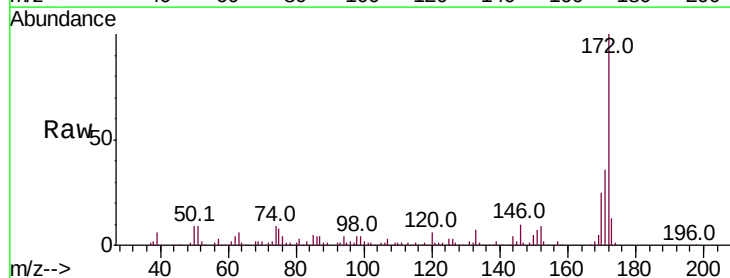
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

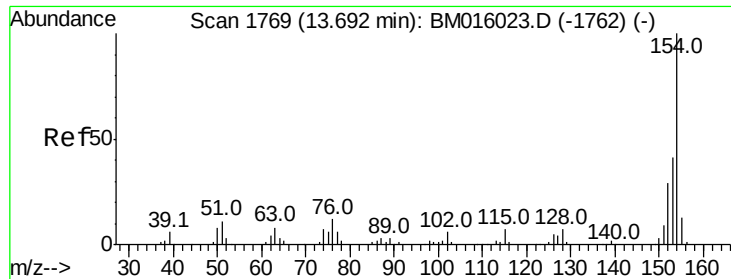
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 89.2  | 79.4  | 119.0 |
| 97      | 71.9  | 26.8  | 40.2# |
| 132     | 28.7  | 18.6  | 28.0# |



#44  
 2-Fluorobiphenyl  
 Concen: 42.366 ng  
 RT: 13.36 min Scan# 1713  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.4  | 28.5  | 42.7  |
| 170     | 25.0  | 18.8  | 28.2  |

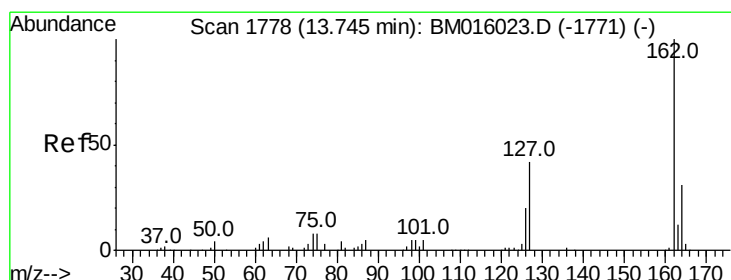
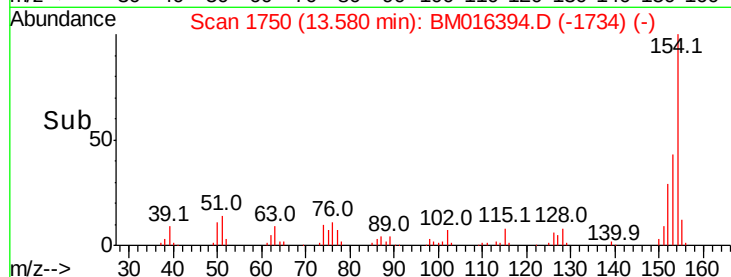
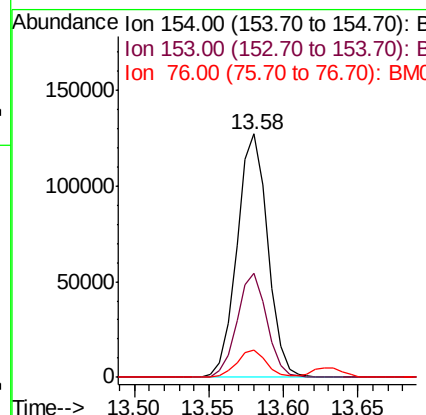
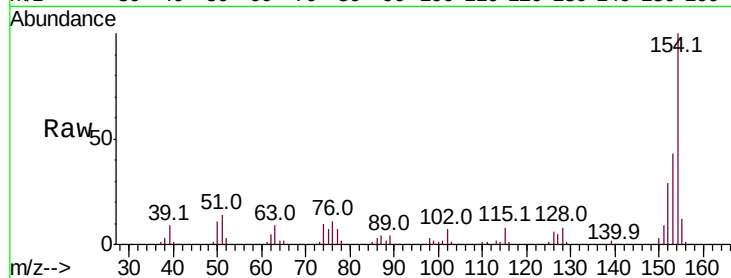




#45  
 1,1'-Biphenyl  
 Concen: 39.692 ng  
 RT: 13.58 min Scan# 1750  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

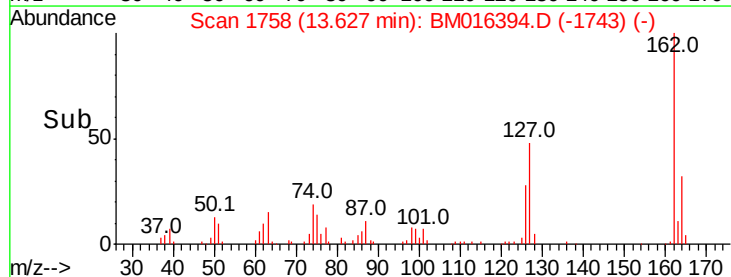
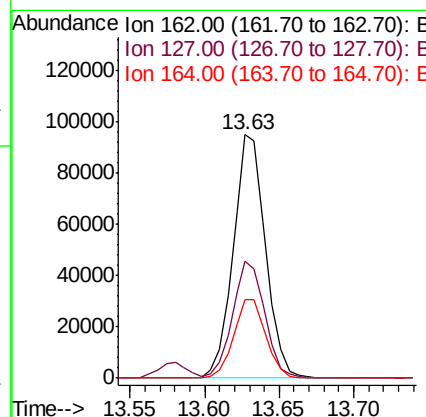
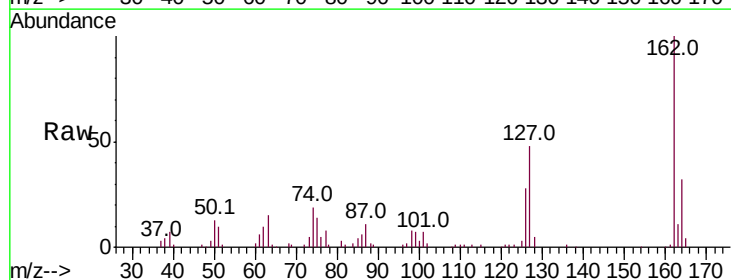
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

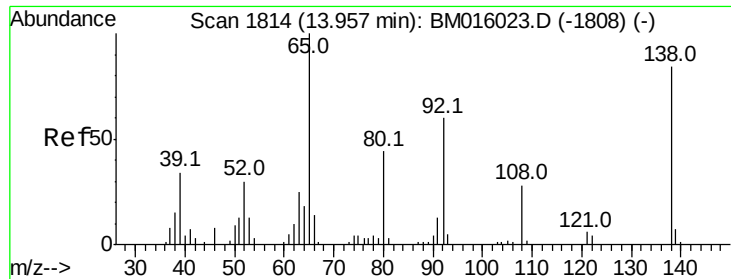
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.0  | 20.7  | 60.7  |
| 76      | 11.4  | 0.0   | 30.9  |



#46  
 2-Chloronaphthalene  
 Concen: 39.911 ng  
 RT: 13.63 min Scan# 1758  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 48.2  | 26.9  | 40.3# |
| 164     | 32.3  | 26.8  | 40.2  |

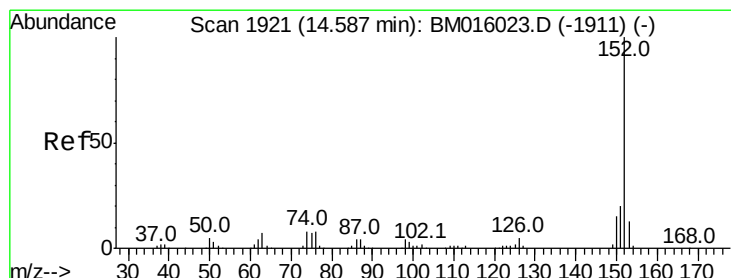
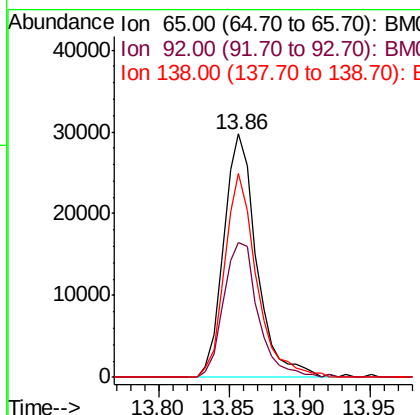
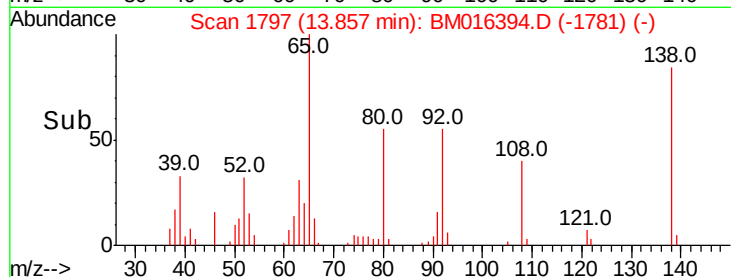
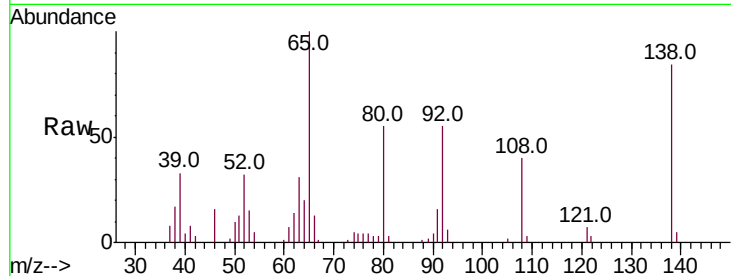




#47  
 2-Nitroaniline  
 Concen: 40.794 ng  
 RT: 13.86 min Scan# 1797  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

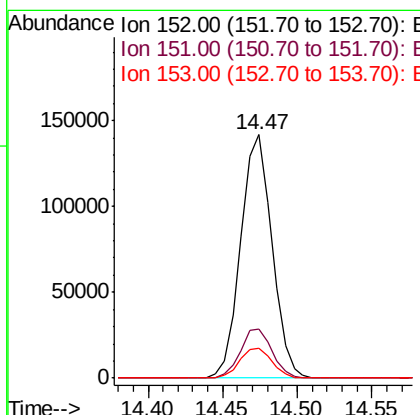
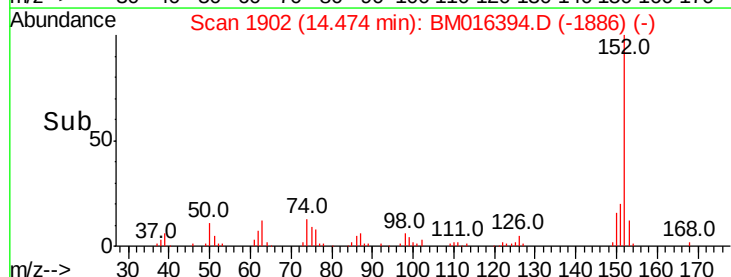
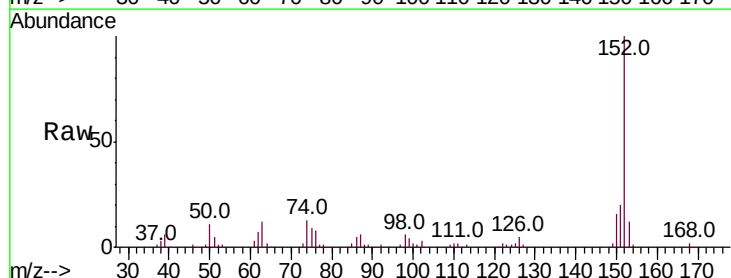
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

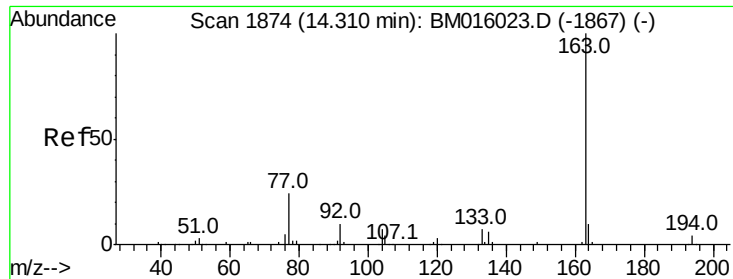
Tot Ion: 65 Resp: 48323  
 Ion Ratio Lower Upper  
 65 100  
 92 55.5 59.1 88.7#  
 138 83.6 93.9 140.9#



#48  
 Acenaphthylene  
 Concen: 39.328 ng  
 RT: 14.47 min Scan# 1902  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Tgt Ion: 152 Resp: 206283  
 Ion Ratio Lower Upper  
 152 100  
 151 20.0 15.9 23.9  
 153 12.3 10.6 16.0





#49

Dimethylphthalate

Concen: 39.840 ng

RT: 14.20 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

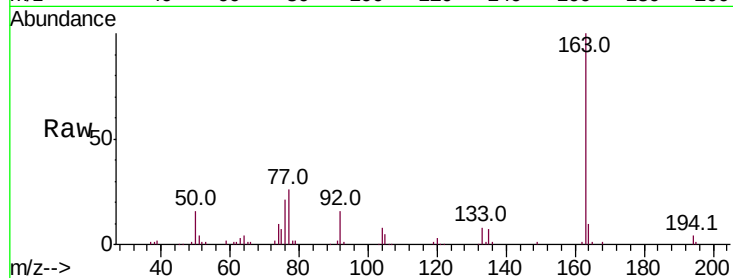
Tot Ion:163 Resp: 177974

Ion Ratio Lower Upper

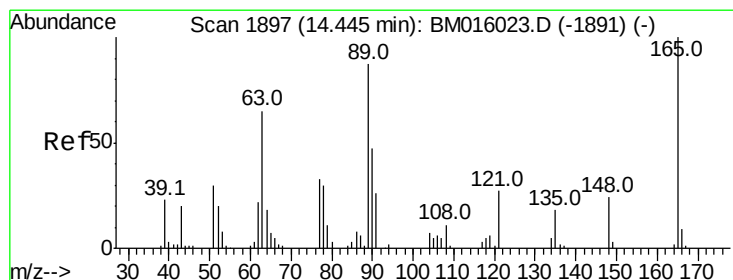
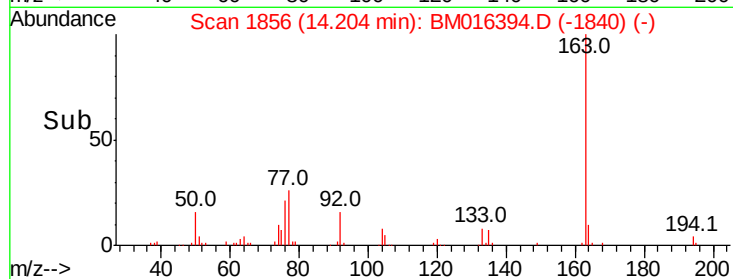
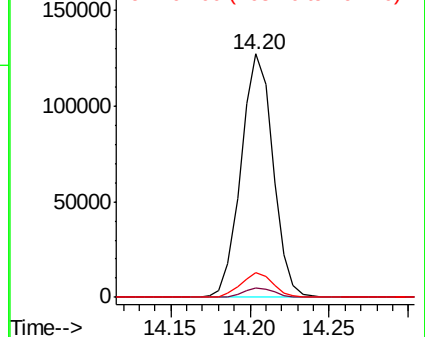
163 100

194 3.8 2.7 4.1

164 10.0 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.829 ng

RT: 14.34 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

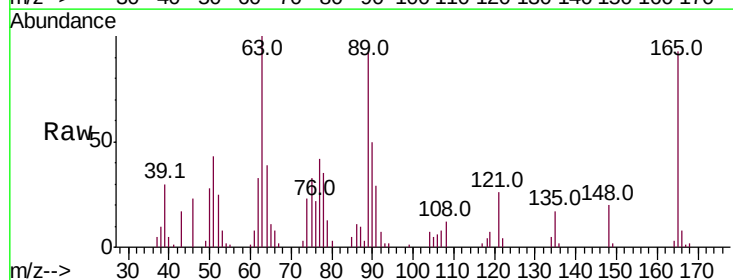
Tgt Ion:165 Resp: 35799

Ion Ratio Lower Upper

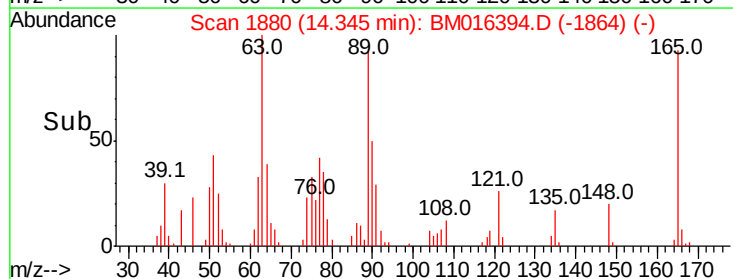
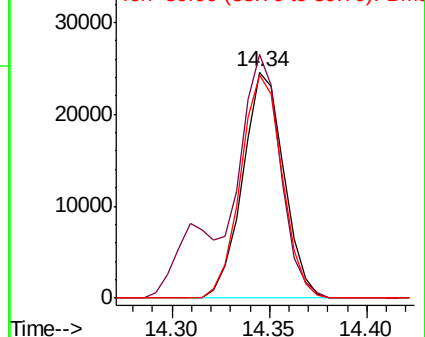
165 100

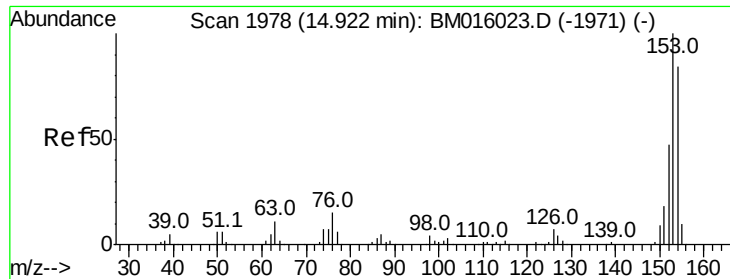
63 107.9 44.1 66.1#

89 99.1 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: 38.466 ng

RT: 14.81 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

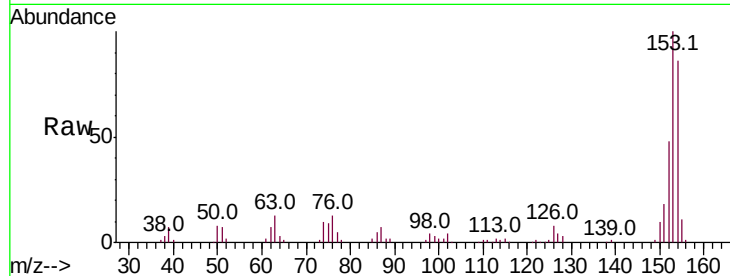
Tot Ion:154 Resp: 124088

Ion Ratio Lower Upper

154 100

153 115.9 90.0 135.0

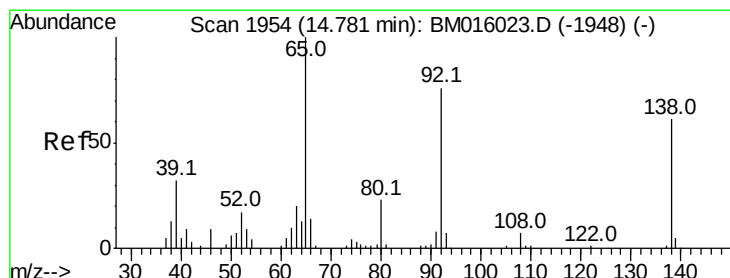
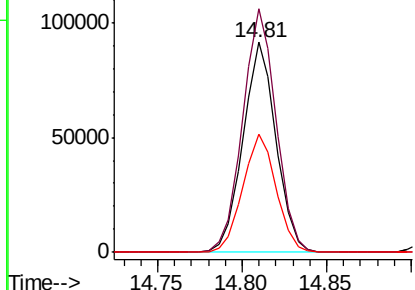
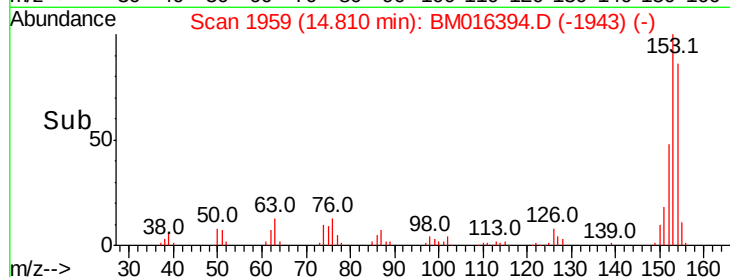
152 56.2 42.6 63.8



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: 35.102 ng

RT: 14.69 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

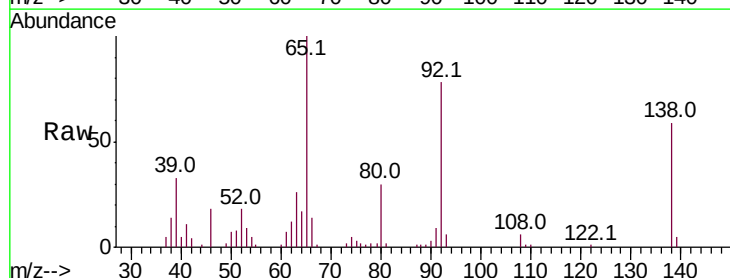
Tgt Ion:138 Resp: 34078

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

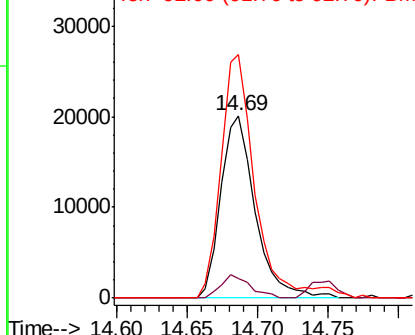
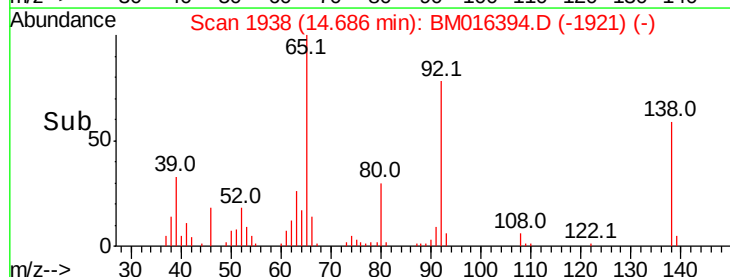
92 133.3 76.6 114.8#

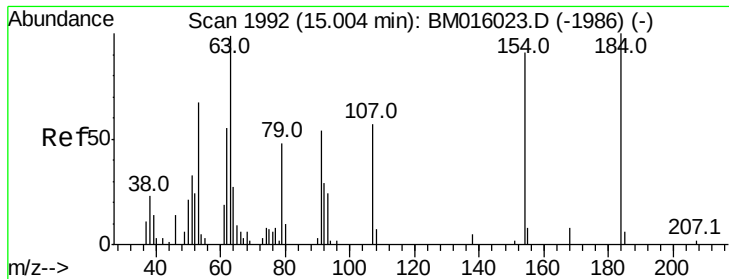


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

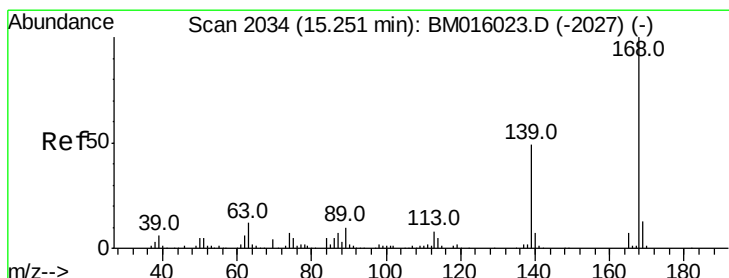
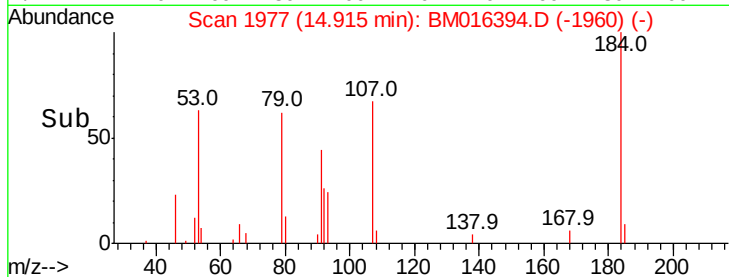
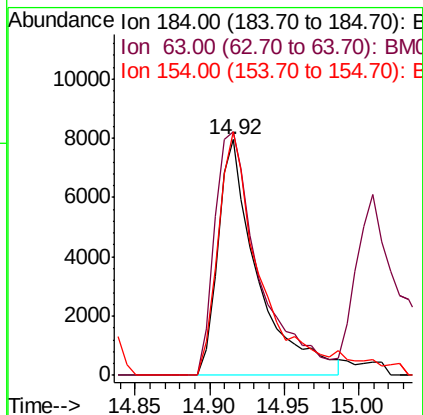
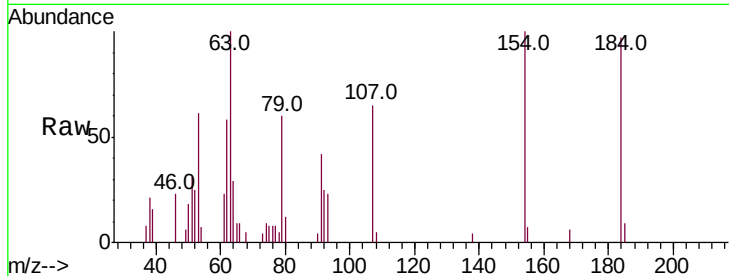




#53  
2,4-Dinitrophenol  
Concen: 41.650 ng  
RT: 14.92 min Scan# 1977  
Delta R.T. -0.00 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

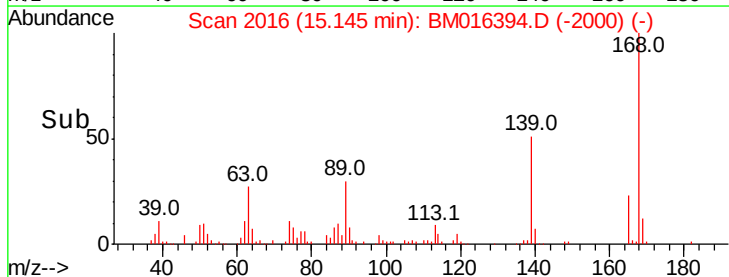
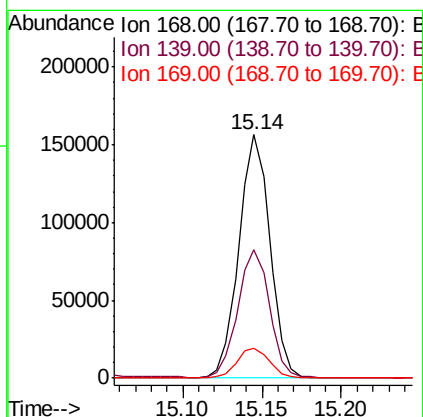
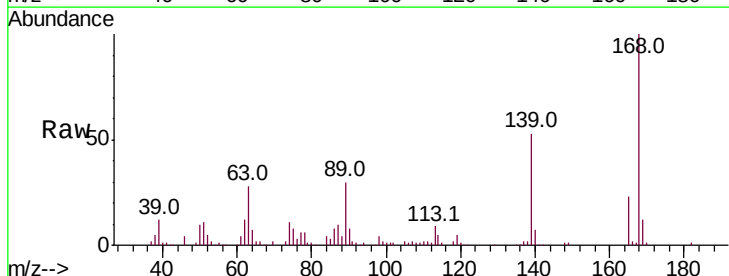
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

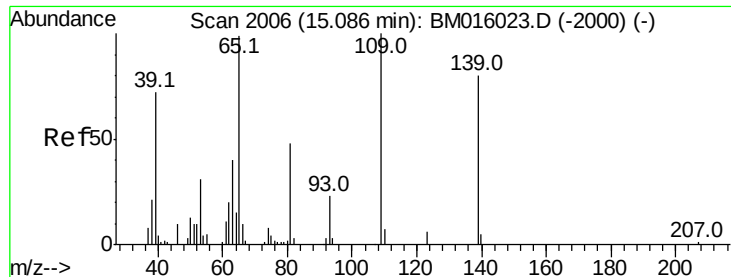
Tot Ion:184 Resp: 14849  
Ion Ratio Lower Upper  
184 100  
63 103.3 69.2 103.8  
154 103.2 53.3 79.9#



#54  
Dibenzofuran  
Concen: 40.026 ng  
RT: 15.14 min Scan# 2016  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion:168 Resp: 212777  
Ion Ratio Lower Upper  
168 100  
139 52.7 27.3 40.9#  
169 12.4 10.6 16.0





#55

4-Nitrophenol

Concen: 27.648 ng

RT: 15.00 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

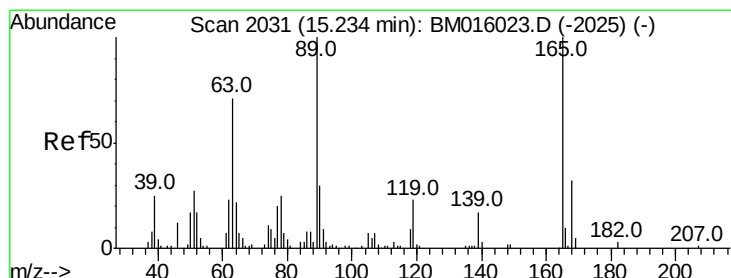
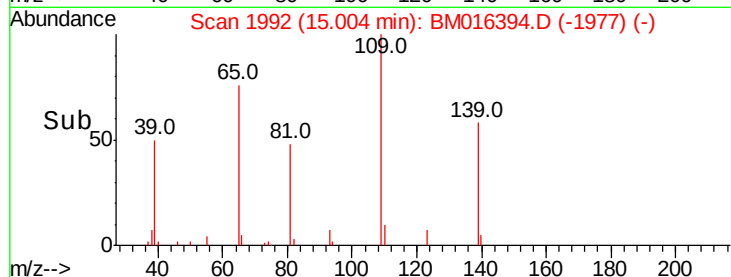
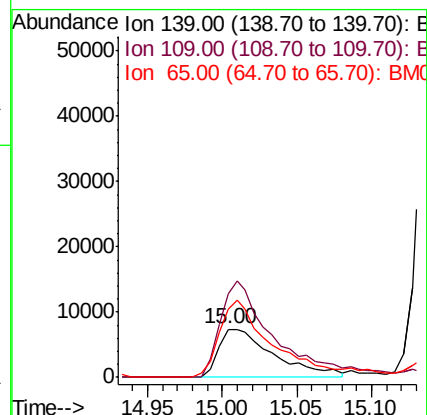
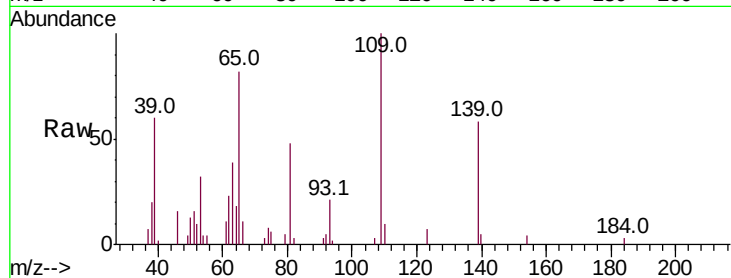
Tot Ion:139 Resp: 19242

Ion Ratio Lower Upper

139 100

109 173.9 130.0 170.0#

65 141.8 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 40.063 ng

RT: 15.14 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Tgt Ion:165 Resp: 51489

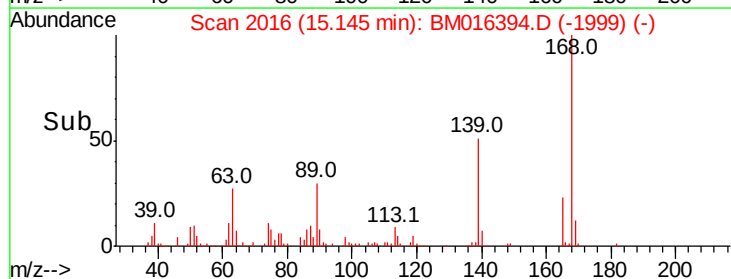
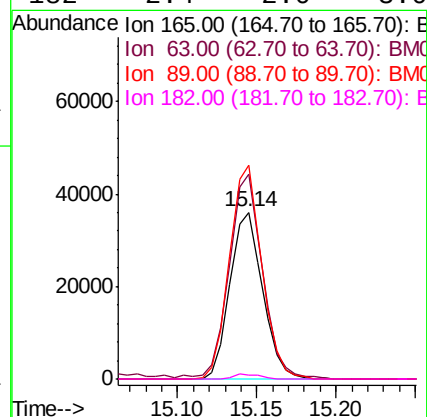
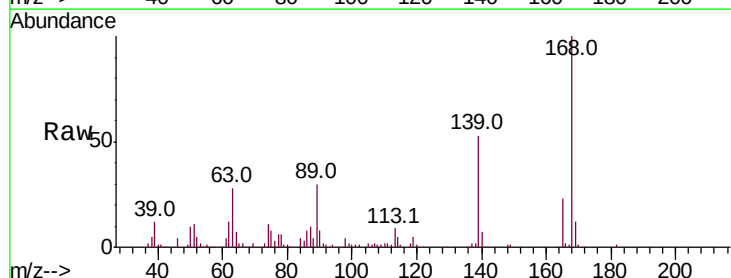
Ion Ratio Lower Upper

165 100

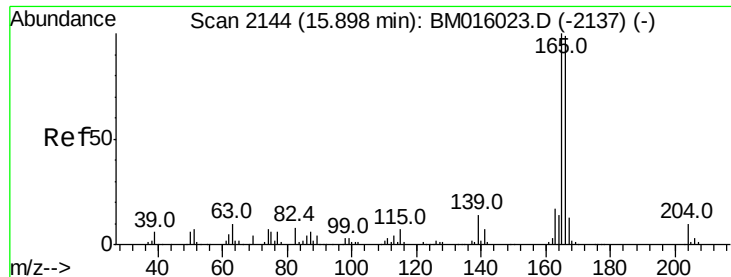
63 122.7 52.4 78.6#

89 128.3 72.4 108.6#

182 2.4 2.0 3.0



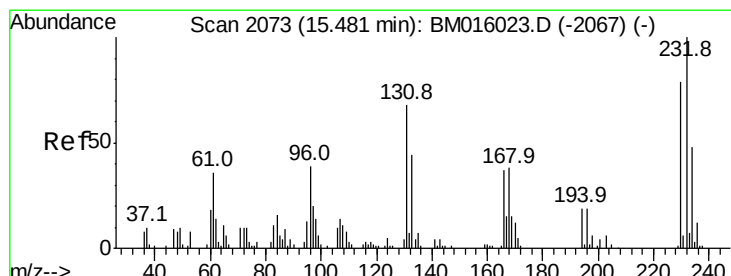
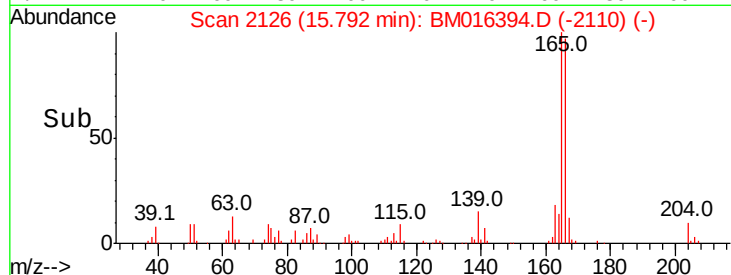
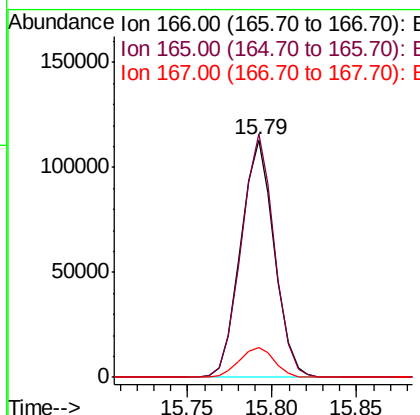
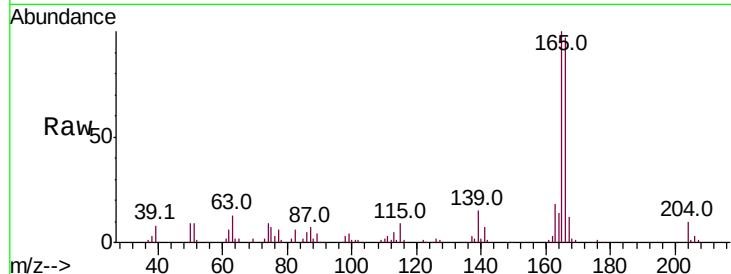




#57  
 Fluorene  
 Concen: 39.577 ng  
 RT: 15.79 min Scan# 2126  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

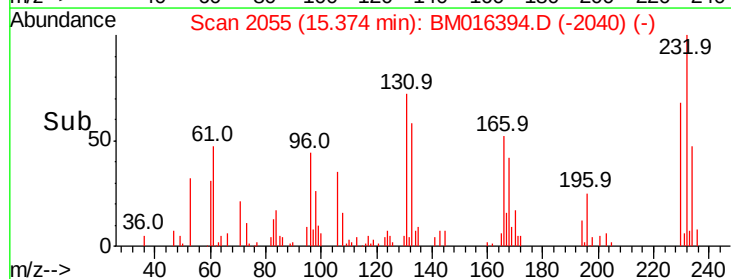
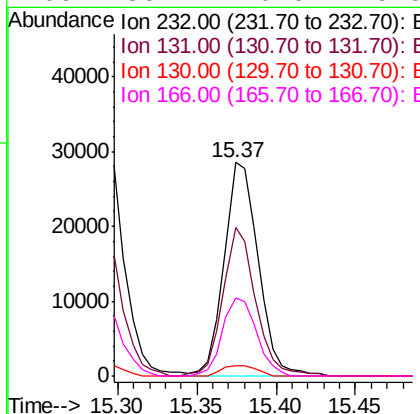
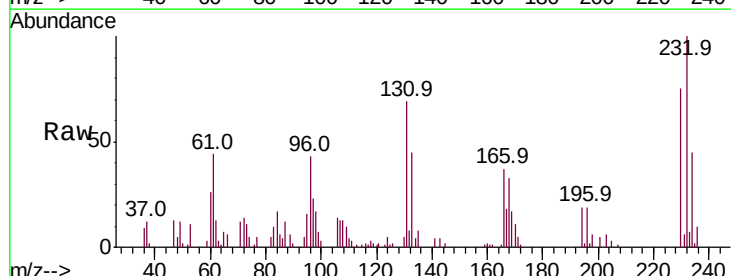
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

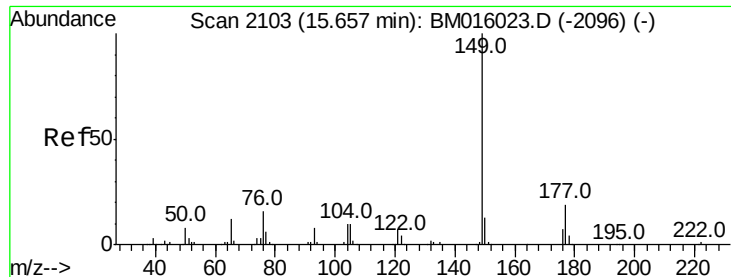
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 102.6 | 79.0  | 118.4 |
| 167     | 12.5  | 10.3  | 15.5  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.250 ng  
 RT: 15.37 min Scan# 2055  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 66.6  | 0.0   | 0.0#  |
| 130     | 4.9   | 0.0   | 0.0#  |
| 166     | 36.4  | 0.0   | 0.0#  |

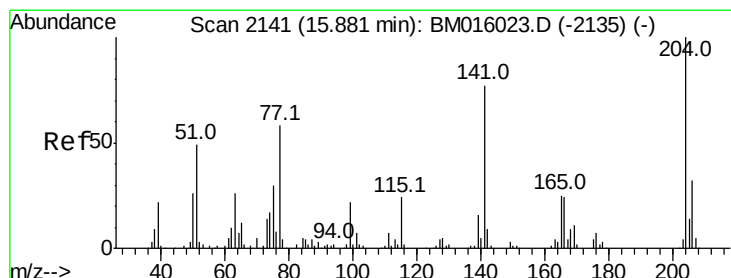
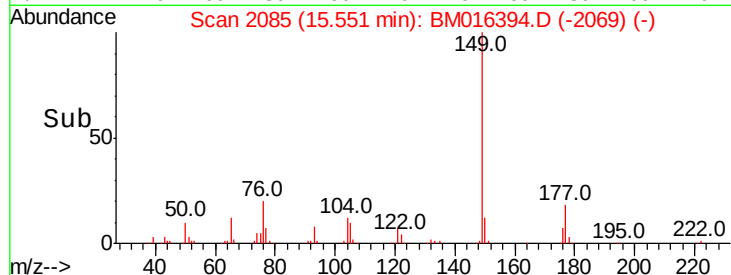
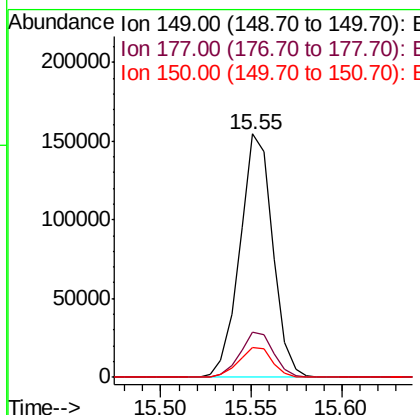
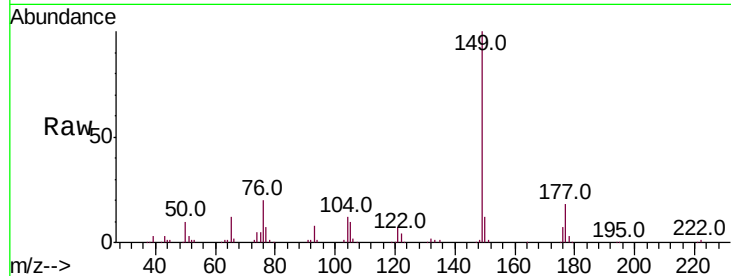




#59  
Diethylphthalate  
Concen: 40.338 ng  
RT: 15.55 min Scan# 2085  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

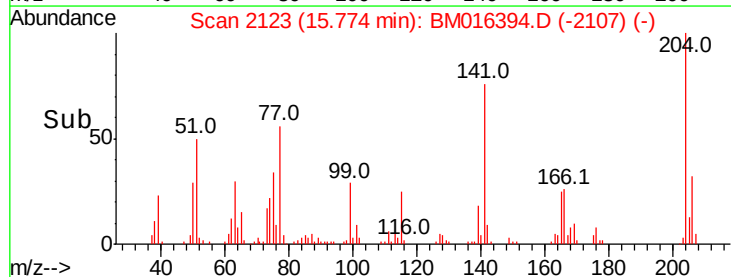
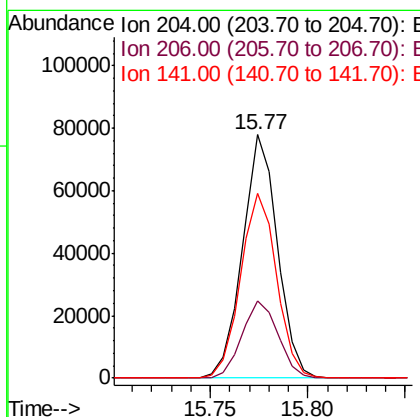
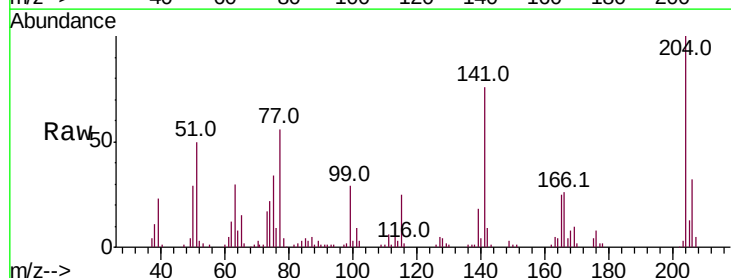
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

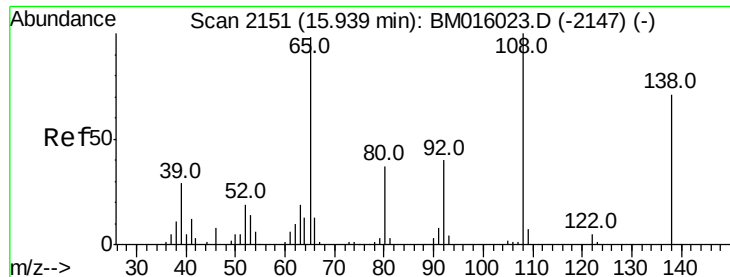
Tot Ion:149 Resp: 194228  
Ion Ratio Lower Upper  
149 100  
177 18.4 18.3 27.5  
150 12.1 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 43.982 ng  
RT: 15.77 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion:204 Resp: 96720  
Ion Ratio Lower Upper  
204 100  
206 31.6 26.6 39.8  
141 75.8 45.2 67.8#

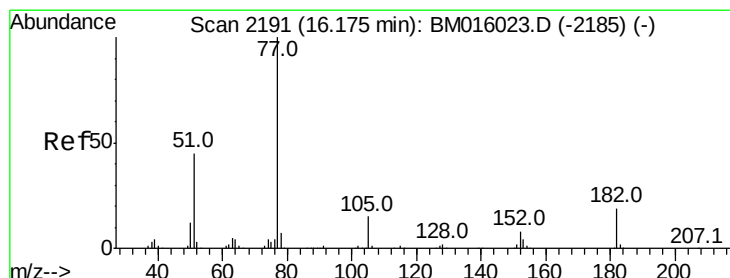
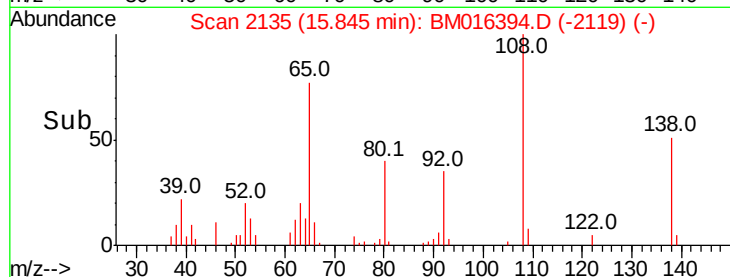
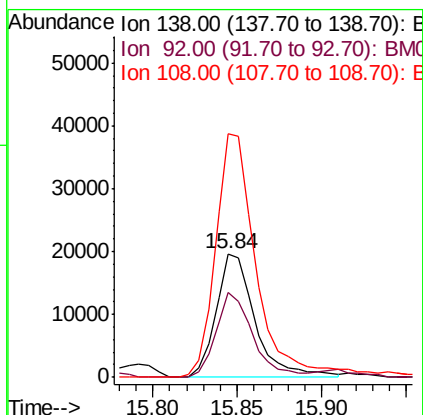
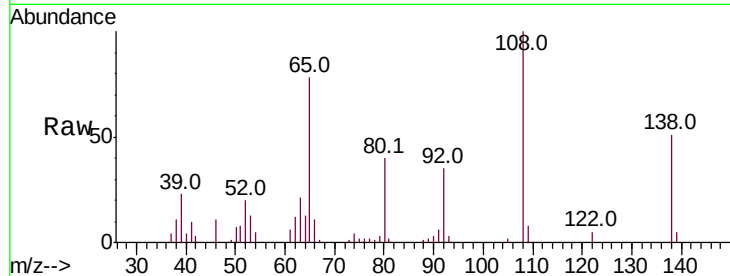




#61  
4-Nitroaniline  
Concen: 33.833 ng  
RT: 15.84 min Scan# 2135  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

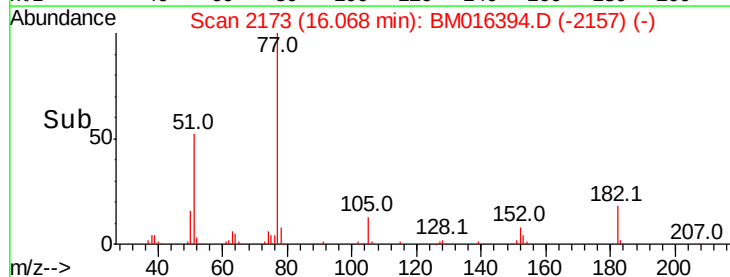
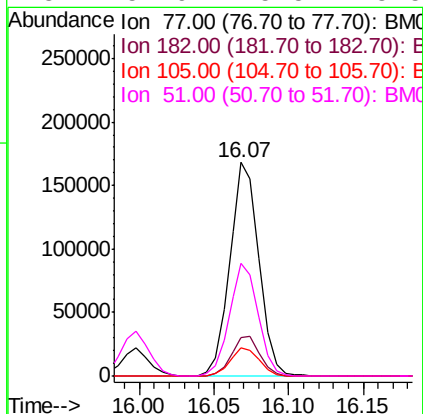
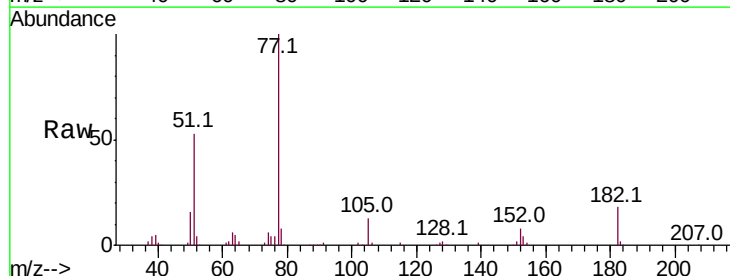
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

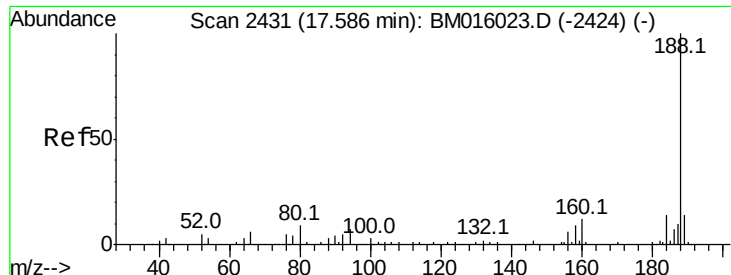
Tot Ion:138 Resp: 31514  
Ion Ratio Lower Upper  
138 100  
92 69.0 16.7 56.7#  
108 196.8 37.6 77.6#



#62  
Azobenzene  
Concen: 45.042 ng  
RT: 16.07 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion: 77 Resp: 228406  
Ion Ratio Lower Upper  
77 100  
182 18.3 6.5 46.5  
105 13.3 3.8 43.8  
51 52.9 5.5 45.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

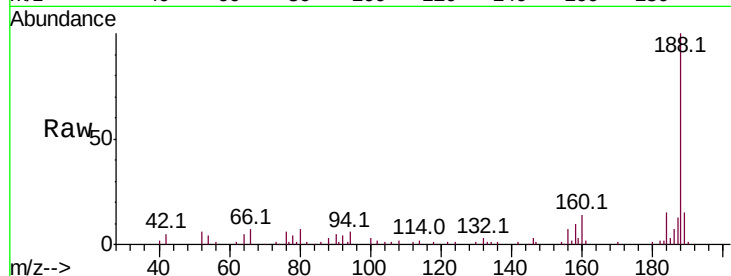
Tot Ion:188 Resp: 106932

Ion Ratio Lower Upper

188 100

94 5.6 8.7 13.1#

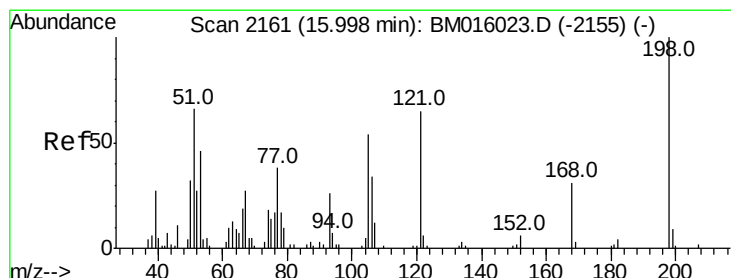
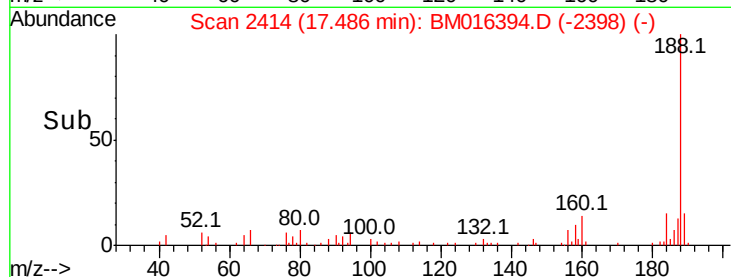
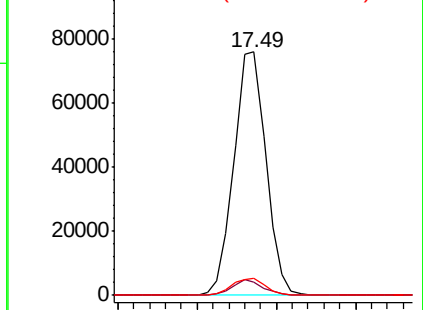
80 6.9 9.3 13.9#



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: 40.609 ng

RT: 15.91 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

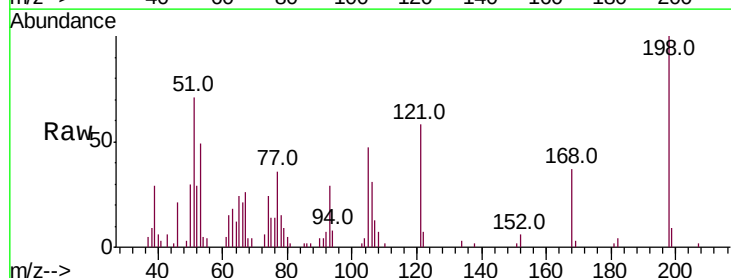
Tgt Ion:198 Resp: 26357

Ion Ratio Lower Upper

198 100

51 70.7 28.8 68.8#

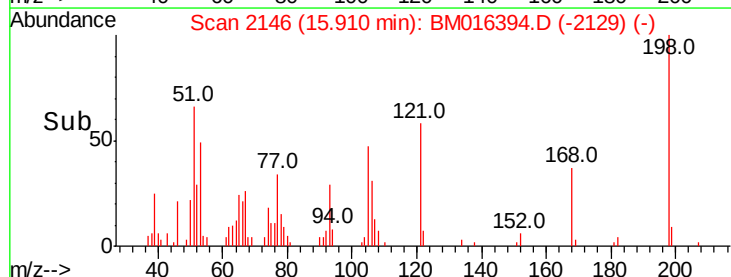
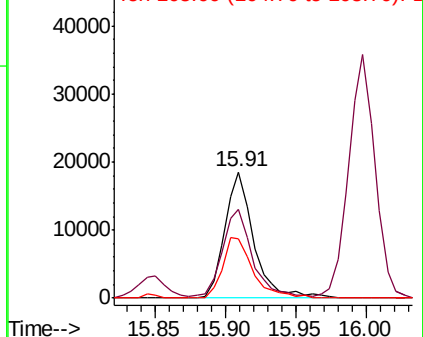
105 47.2 30.5 70.5

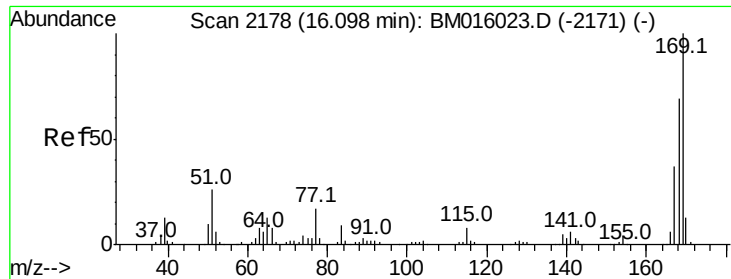


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

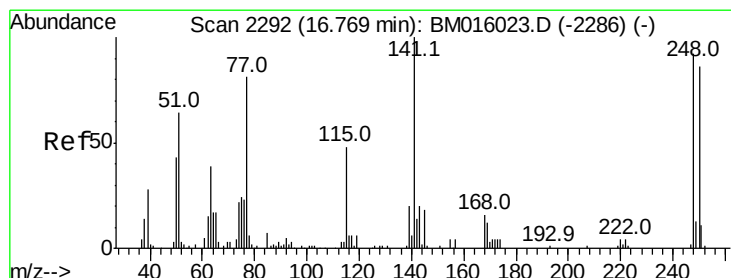
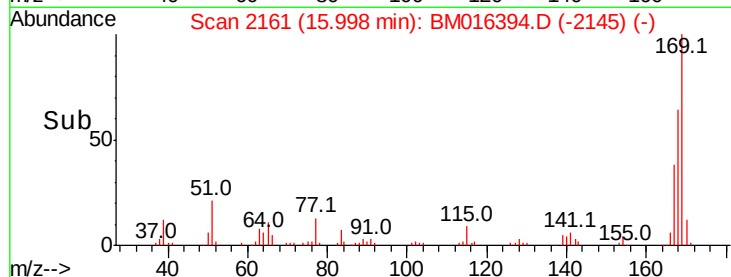
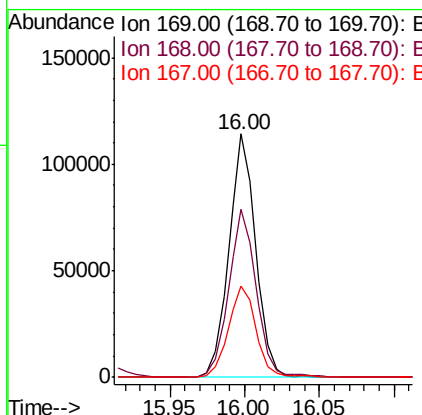
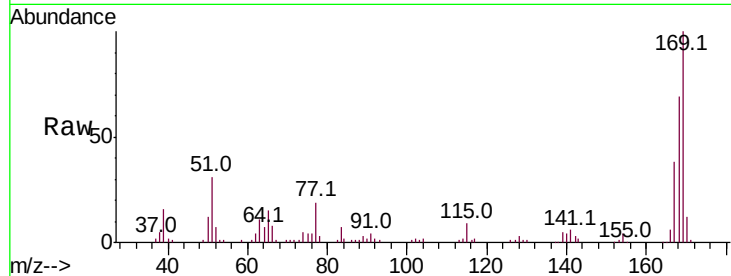




#65  
 n-Nitrosodiphenylamine  
 Concen: 40.659 ng  
 RT: 16.00 min Scan# 2161  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

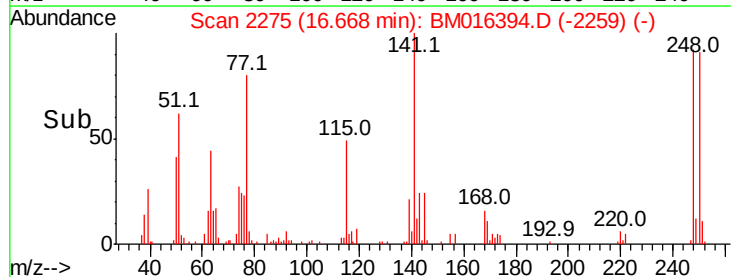
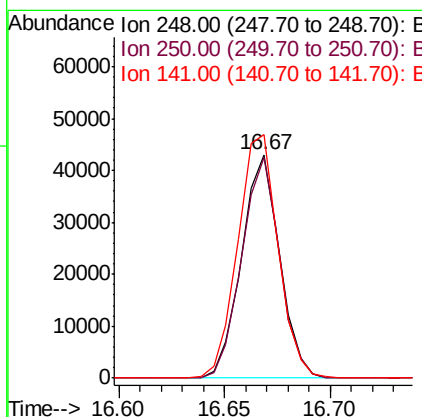
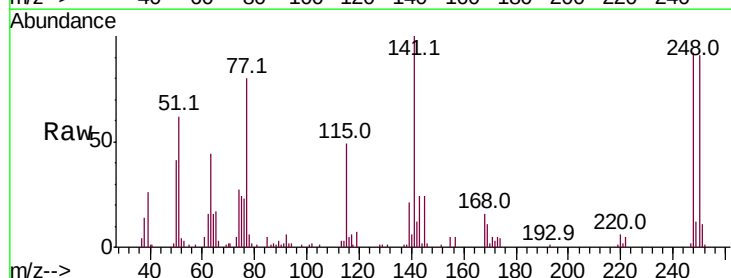
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

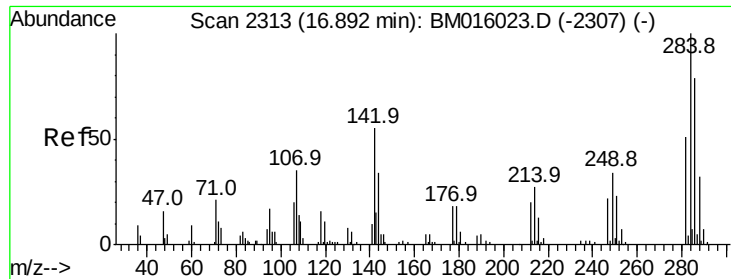
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 69.3  | 53.9  | 80.9  |
| 167     | 37.7  | 28.9  | 43.3  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 44.648 ng  
 RT: 16.67 min Scan# 2275  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.0  | 77.4  | 116.0 |
| 141     | 109.0 | 45.2  | 67.8  |

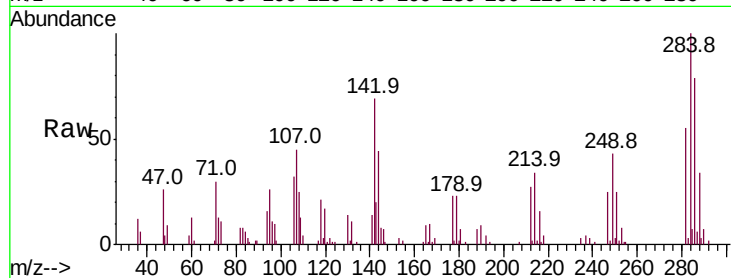




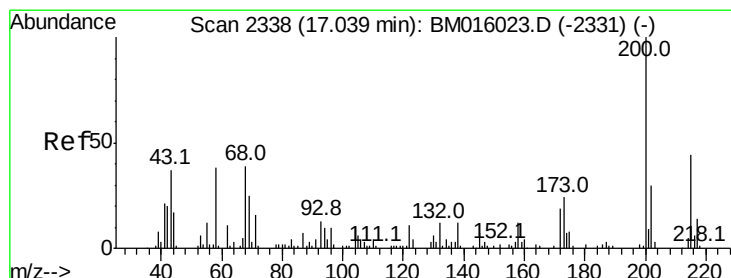
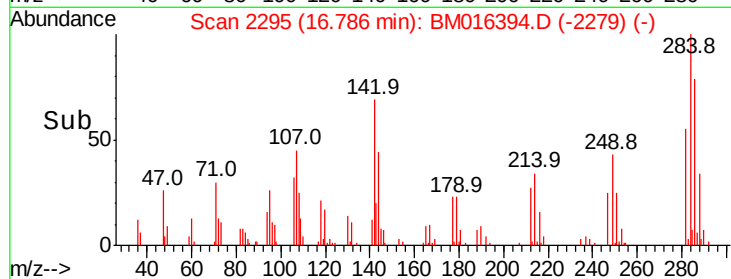
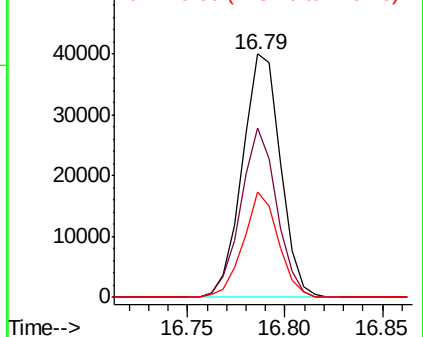
#67  
Hexachlorobenzene  
Concen: 40.584 ng  
RT: 16.79 min Scan# 2295  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

Tot Ion:284 Resp: 54115  
Ion Ratio Lower Upper  
284 100  
142 69.4 20.4 30.6#  
249 43.3 23.8 35.6#

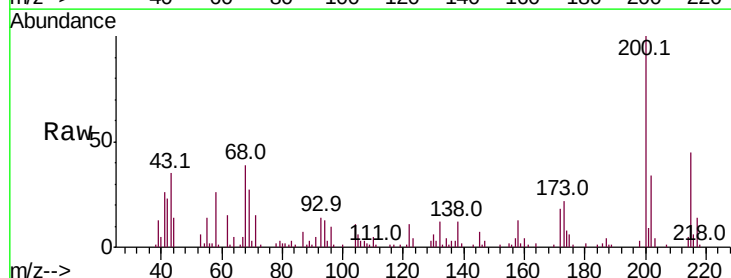


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

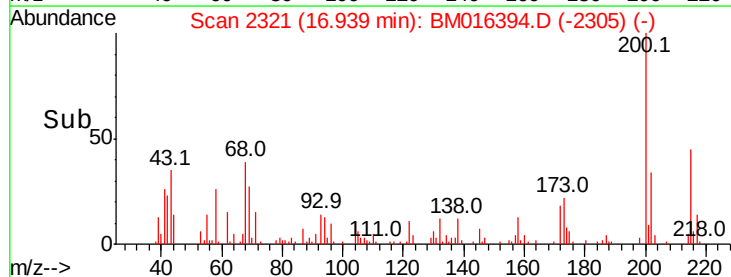
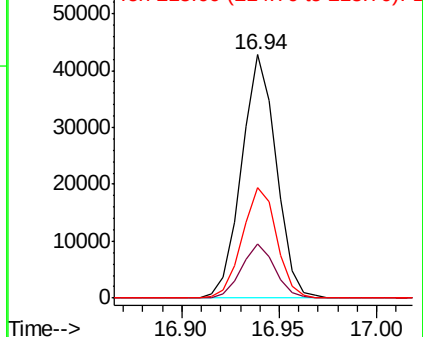


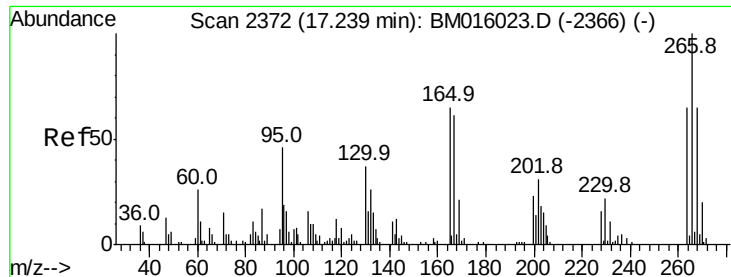
#68  
Atrazine  
Concen: 41.664 ng  
RT: 16.94 min Scan# 2321  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion:200 Resp: 52579  
Ion Ratio Lower Upper  
200 100  
173 22.2 4.8 44.8  
215 45.2 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: 36.728 ng

RT: 17.14 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

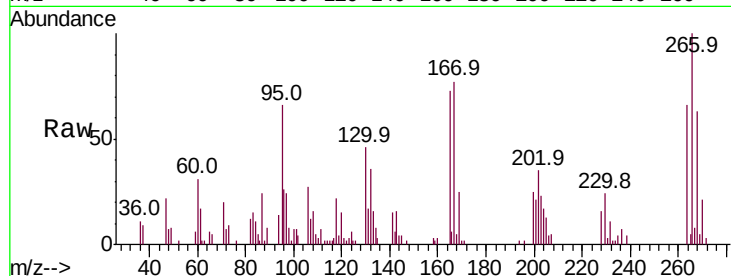
Tot Ion:266 Resp: 30326

Ion Ratio Lower Upper

266 100

268 62.6 52.0 78.0

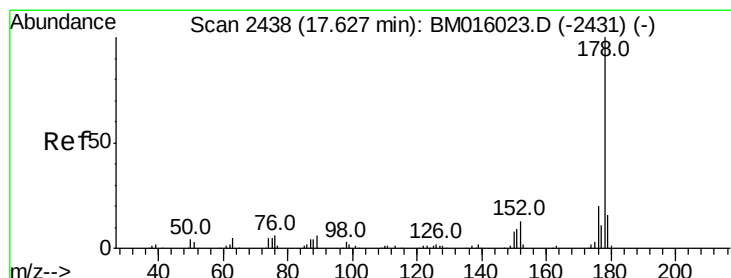
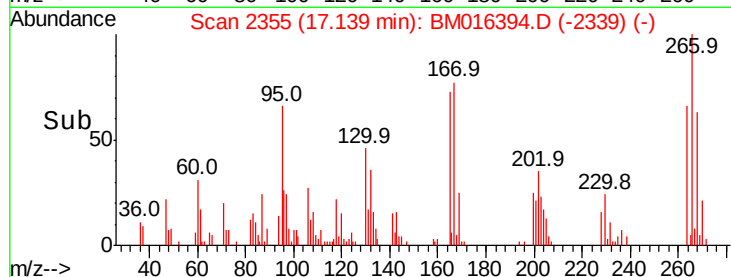
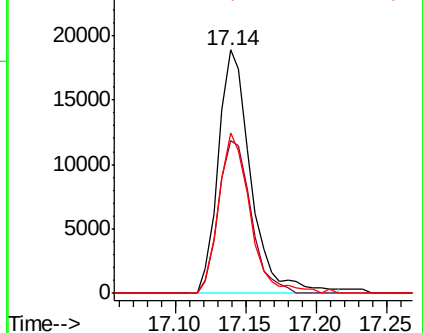
264 66.1 49.0 73.4



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: 38.151 ng

RT: 17.53 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

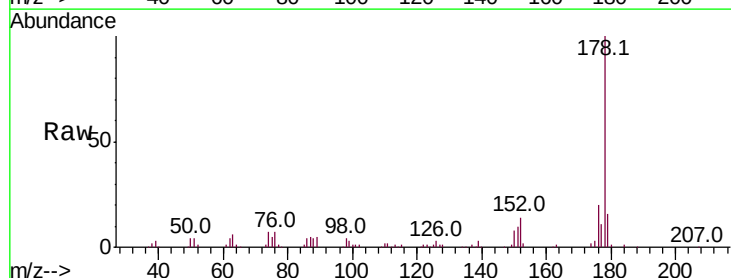
Tgt Ion:178 Resp: 228399

Ion Ratio Lower Upper

178 100

176 20.4 15.2 22.8

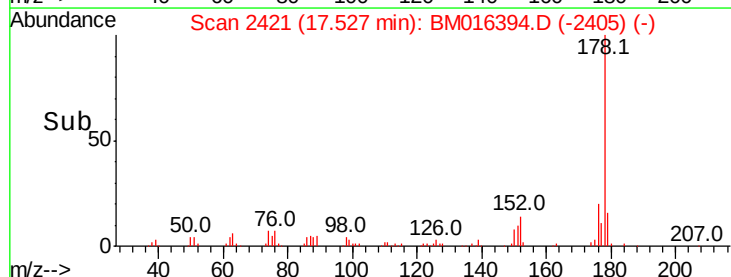
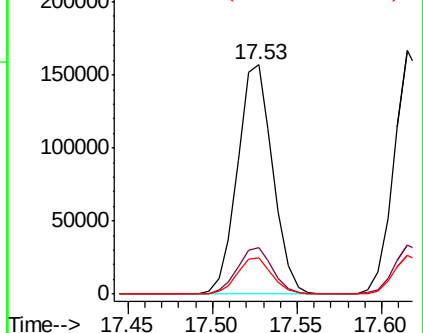
179 15.6 12.1 18.1

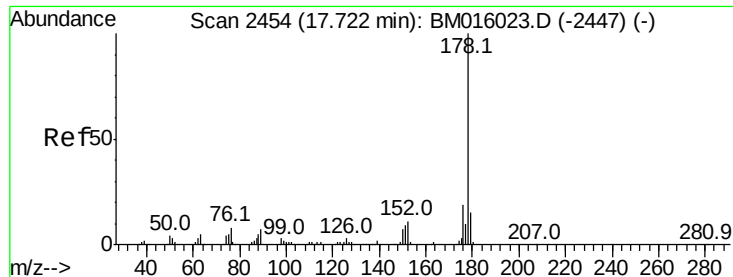


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

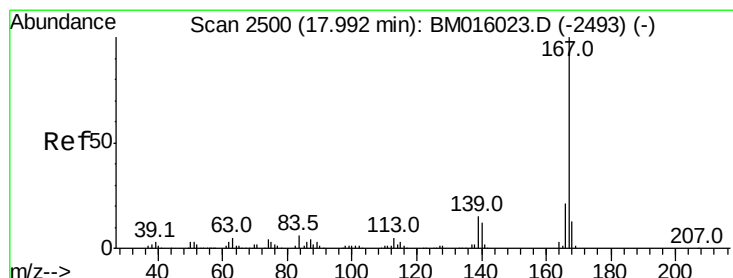
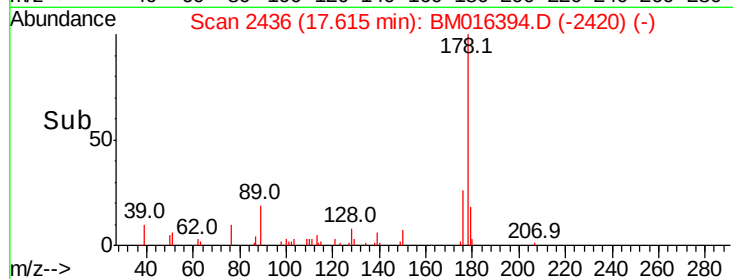
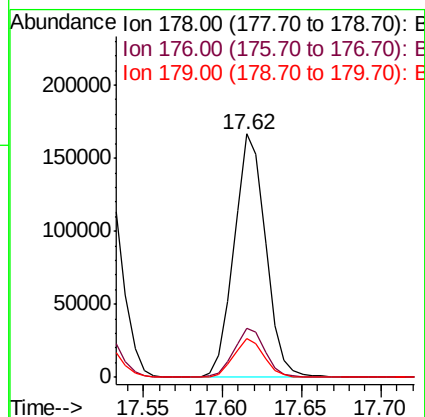
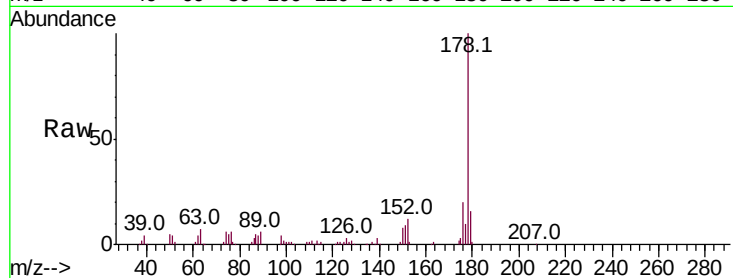




#71  
 Anthracene  
 Concen: 39.533 ng  
 RT: 17.62 min Scan# 2436  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

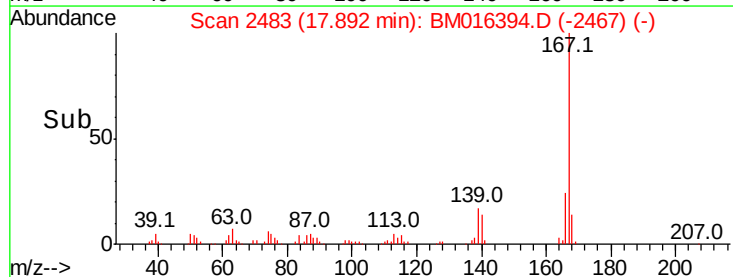
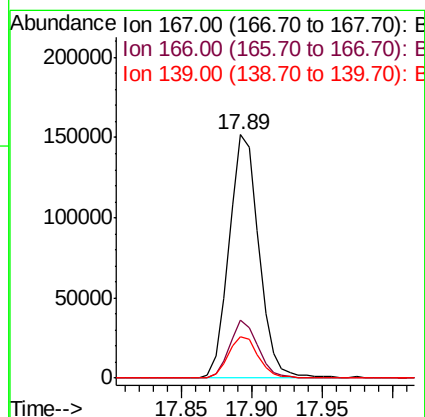
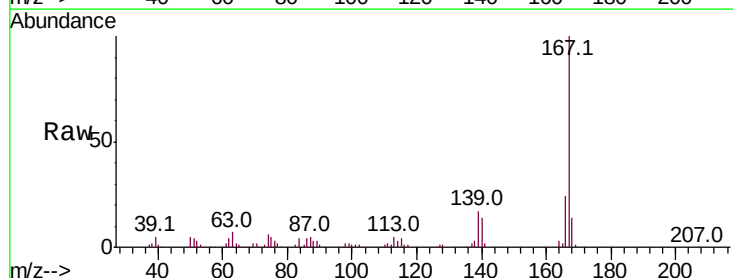
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:178 Resp: 230022  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 14.6 22.0  
 179 15.8 12.6 19.0

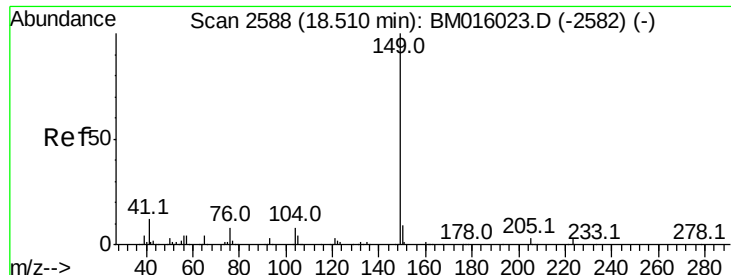


#72  
 Carbazole  
 Concen: 37.119 ng  
 RT: 17.89 min Scan# 2483  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Tgt Ion:167 Resp: 223745  
 Ion Ratio Lower Upper  
 167 100  
 166 23.9 17.2 25.8  
 139 17.2 10.8 16.2#



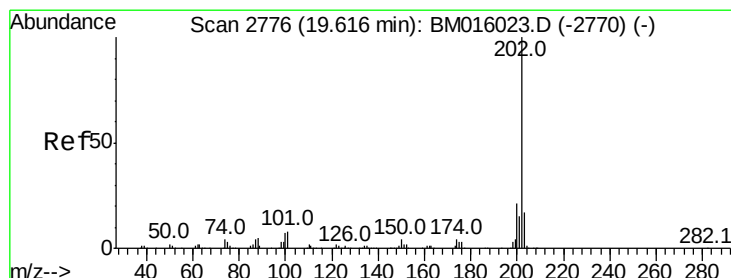
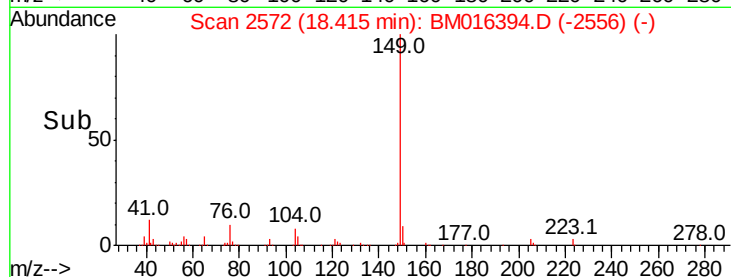
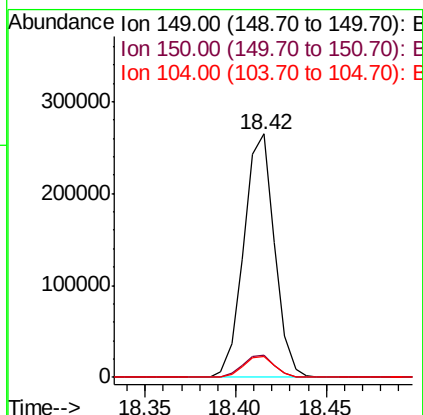
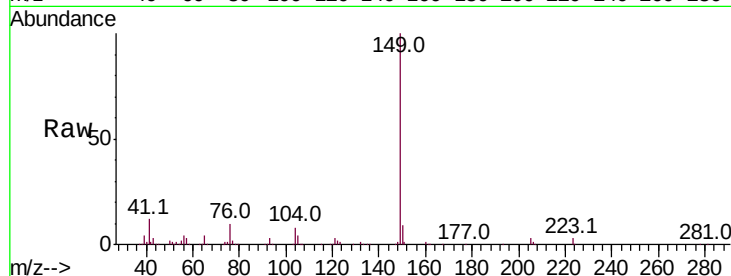




#73  
Di-n-butylphthalate  
Concen: 41.508 ng  
RT: 18.42 min Scan# 2572  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

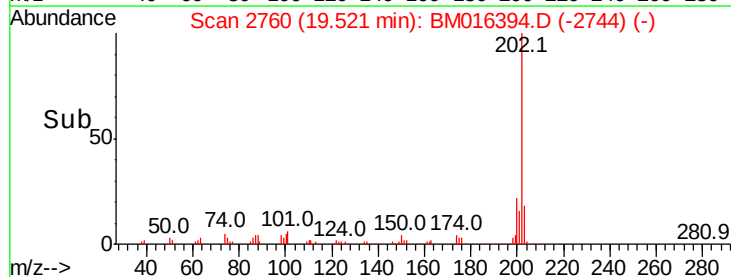
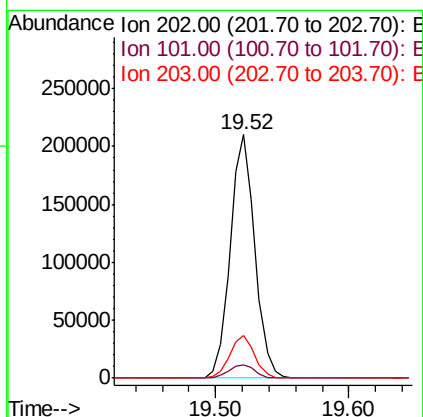
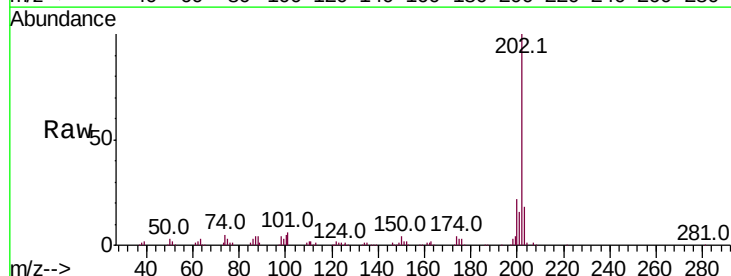
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

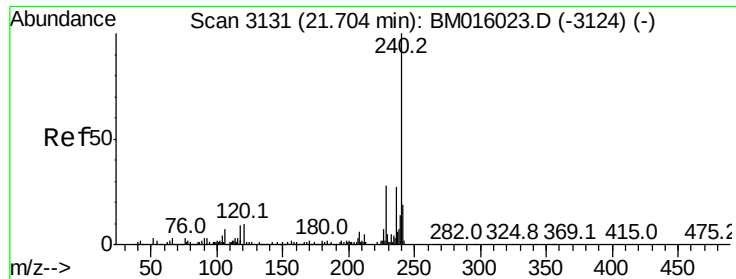
Tot Ion:149 Resp: 311773  
Ion Ratio Lower Upper  
149 100  
150 9.1 7.5 11.3  
104 8.5 3.7 5.5#



#74  
Fluoranthene  
Concen: 40.376 ng  
RT: 19.52 min Scan# 2760  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

Tgt Ion:202 Resp: 269633  
Ion Ratio Lower Upper  
202 100  
101 5.6 0.0 28.7  
203 17.7 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

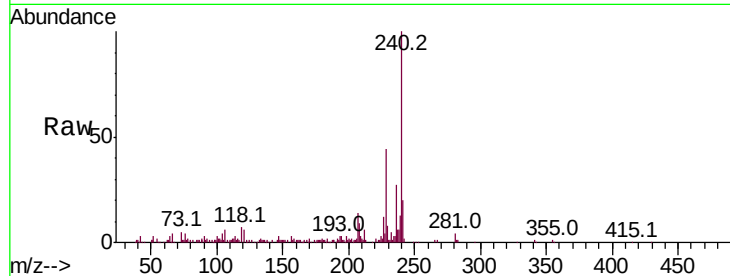
Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

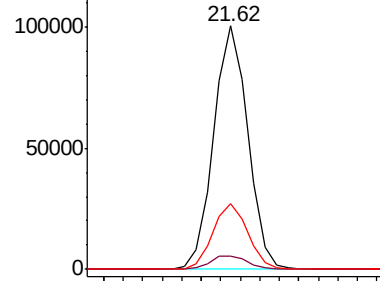
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 240   | Resp: | 122001 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 5.6   | 8.2   | 12.2#  |
| 236      | 27.2  | 20.0  | 30.0   |



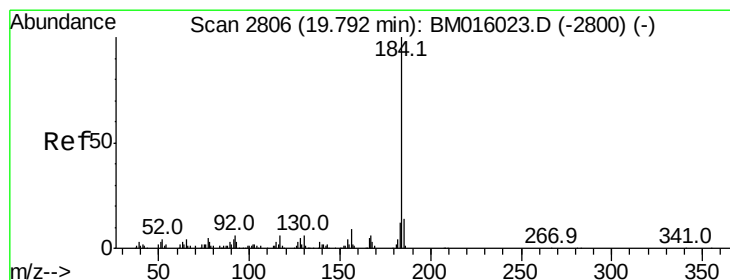
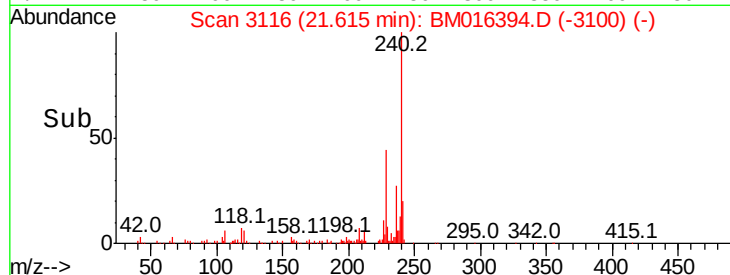
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.55 21.60 21.65



#76

Benzidine

Concen: 34.121 ng

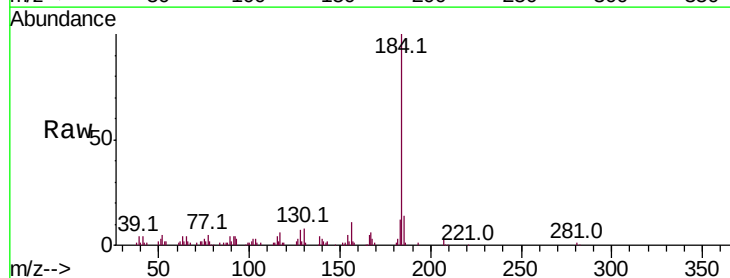
RT: 19.71 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

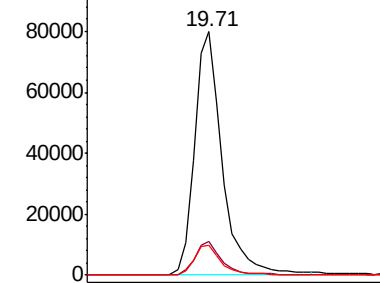
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 184   | Resp: | 116325 |
| Ion      | Ratio | Lower | Upper  |
| 184      | 100   |       |        |
| 185      | 13.9  | 11.3  | 16.9   |
| 183      | 12.3  | 8.9   | 13.3   |



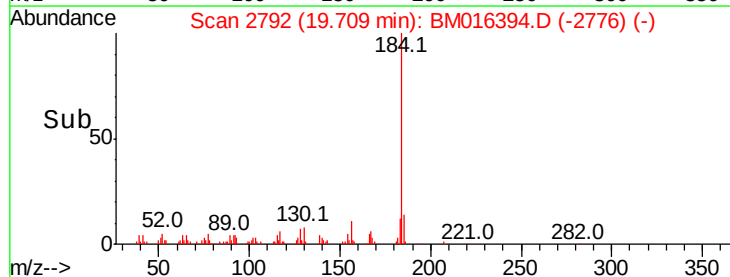
Abundance Ion 184.00 (183.70 to 184.70): E

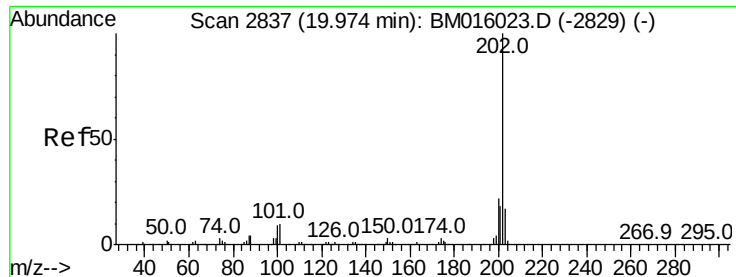
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.70 19.80





#77

Pvrene

Concen: 39.187 ng

RT: 19.88 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

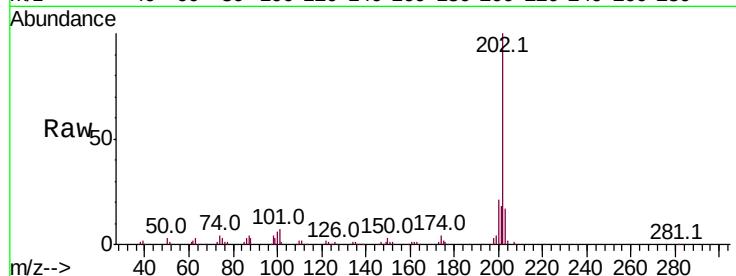
Tot Ion:202 Resp: 286504

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

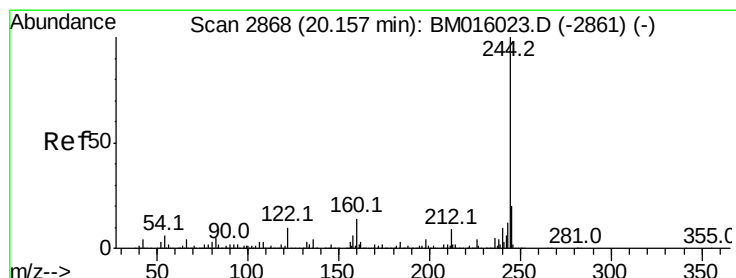
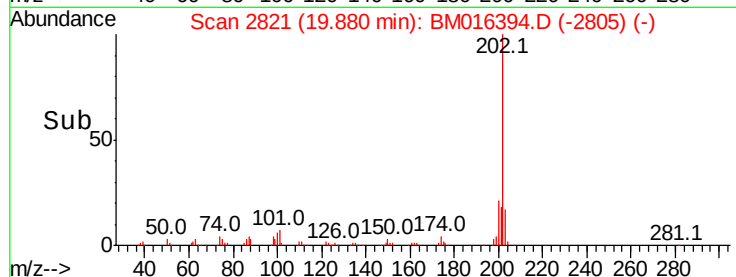
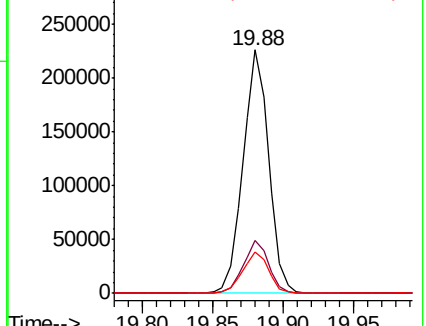
203 17.3 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 39.187 ng

RT: 20.06 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

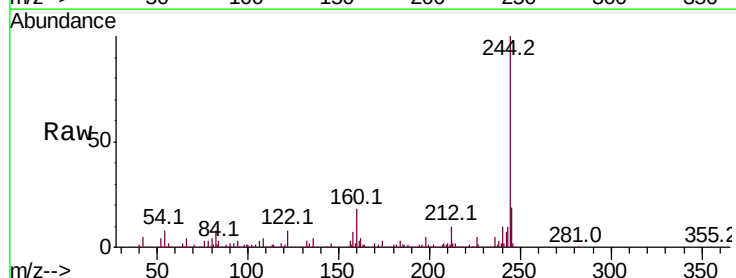
Tgt Ion:244 Resp: 535388

Ion Ratio Lower Upper

244 100

212 10.3 4.9 7.3#

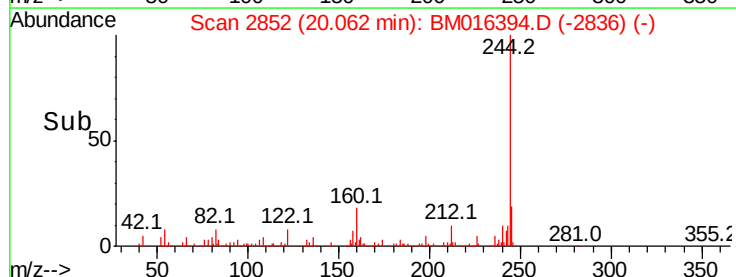
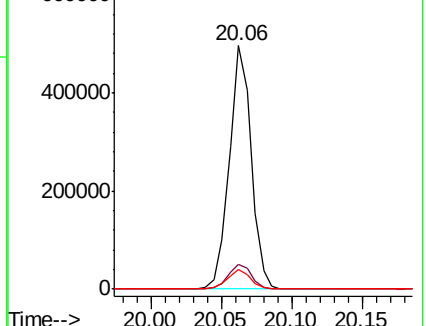
122 8.3 6.2 9.4

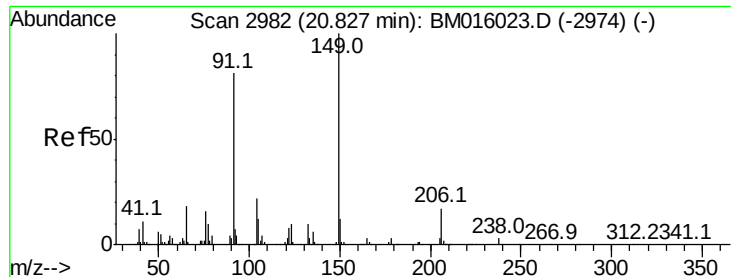


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

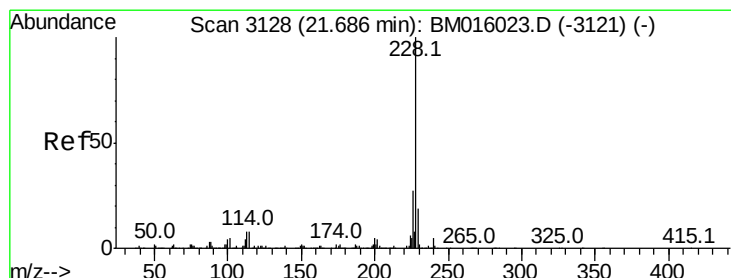
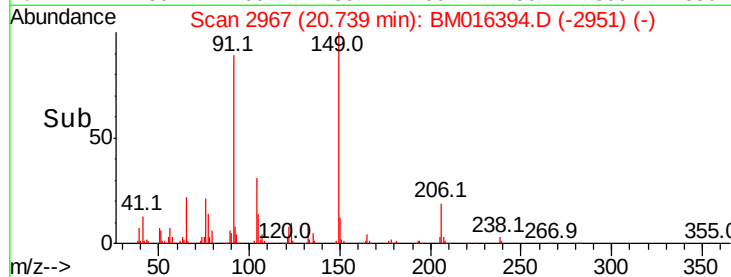
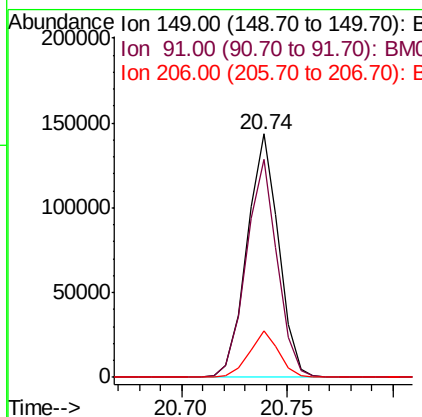
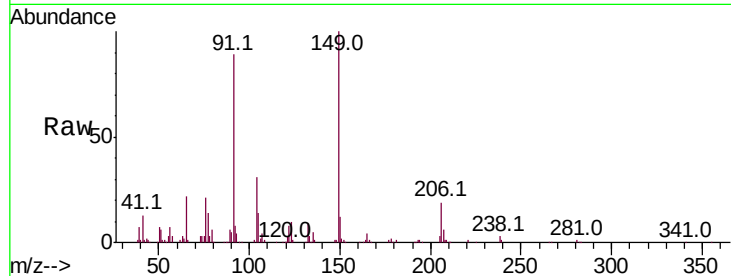




#79  
Butylbenzylphthalate  
Concen: 40.134 ng  
RT: 20.74 min Scan# 2967  
Delta R.T. -0.01 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

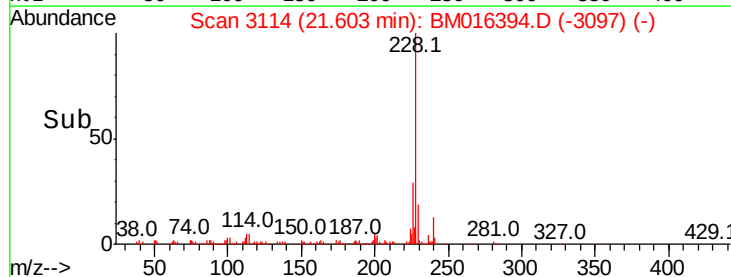
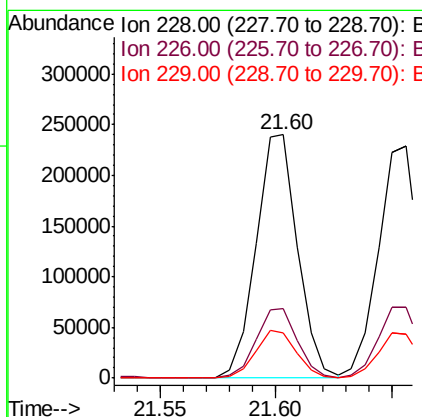
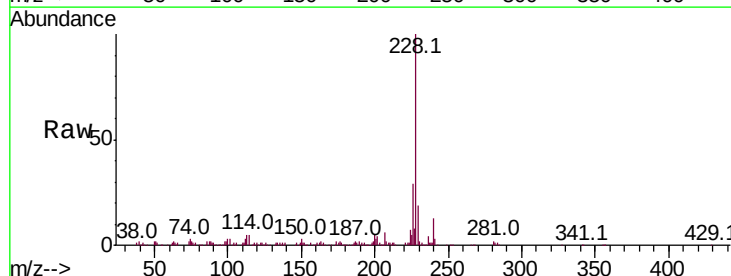
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDCCC040

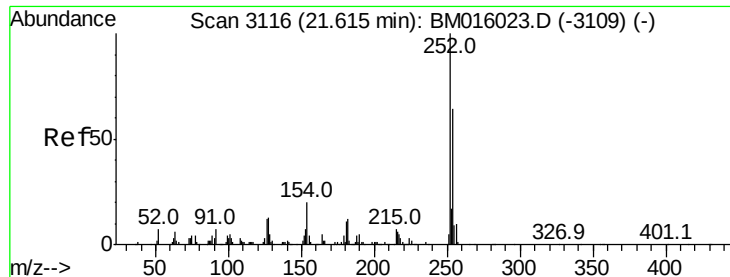
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 89.4  | 50.1  | 75.1# |
| 206     | 19.0  | 16.2  | 24.2  |



#80  
Benzo(a)anthracene  
Concen: 40.120 ng  
RT: 21.60 min Scan# 3114  
Delta R.T. -0.00 min  
Lab File: BM016394.D  
Acq: 16 Aug 2018 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.8  | 21.7  | 32.5  |
| 229     | 18.7  | 16.0  | 24.0  |

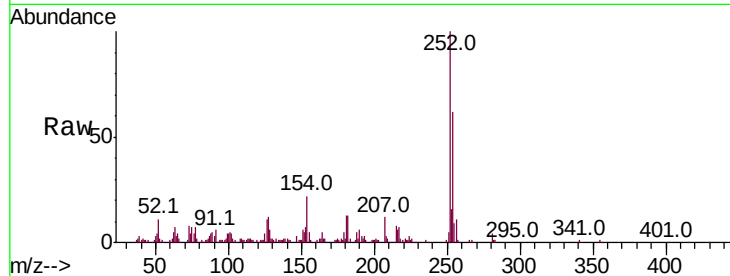




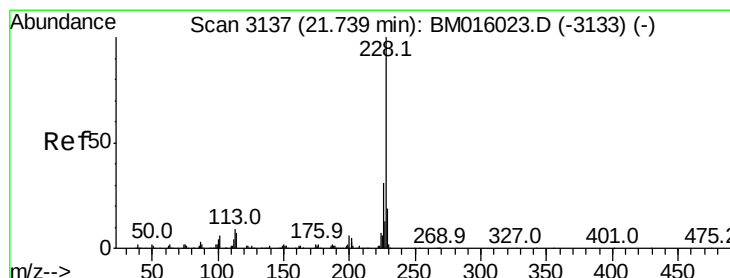
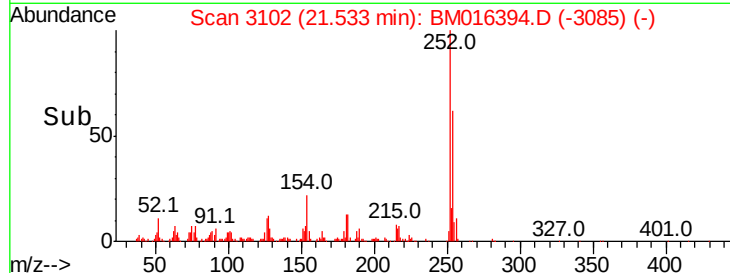
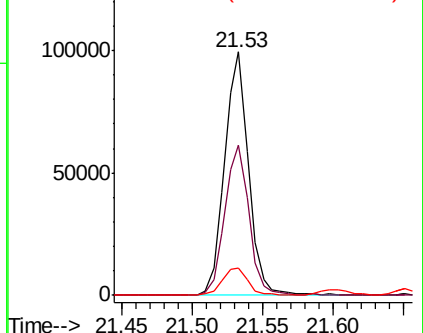
#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.631 ng  
 RT: 21.53 min Scan# 3102  
 Delta R.T. -0.00 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:252 Resp: 116921  
 Ion Ratio Lower Upper  
 252 100  
 254 61.9 51.9 77.9  
 126 11.0 9.8 14.8

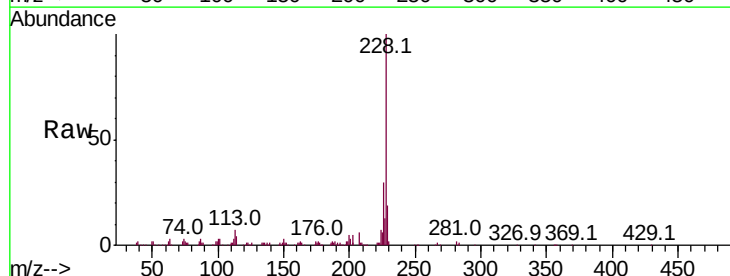


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

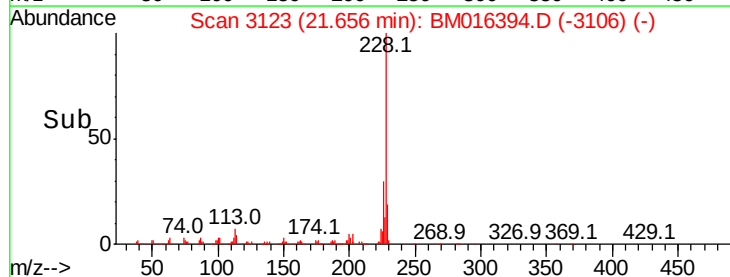
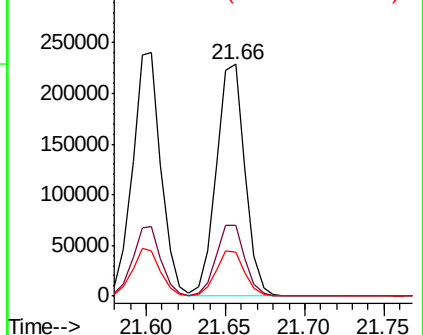


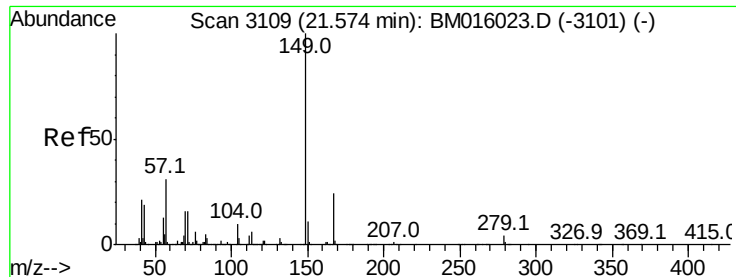
#82  
 Chrysene  
 Concen: 39.854 ng  
 RT: 21.66 min Scan# 3123  
 Delta R.T. -0.00 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Tgt Ion:228 Resp: 287266  
 Ion Ratio Lower Upper  
 228 100  
 226 30.3 24.1 36.1  
 229 18.9 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

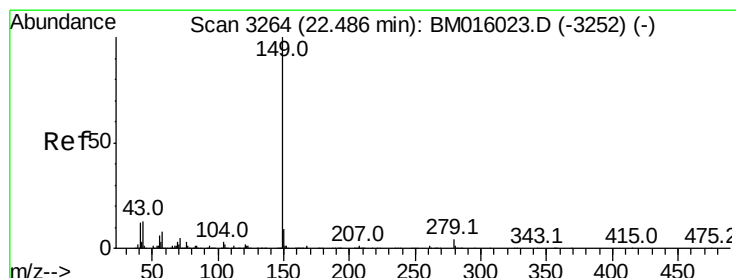
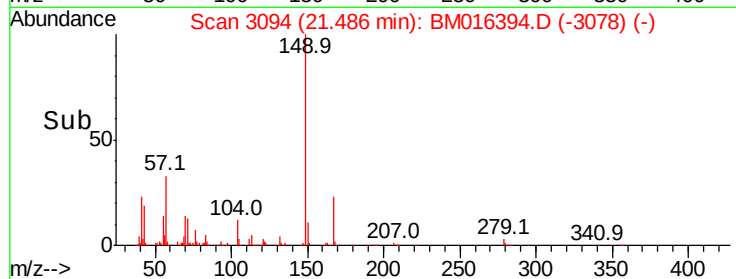
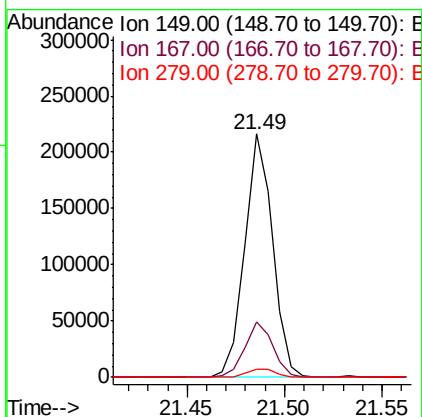
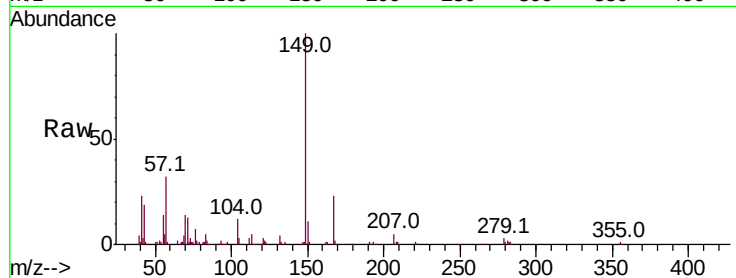




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 39.619 ng  
 RT: 21.49 min Scan# 3094  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

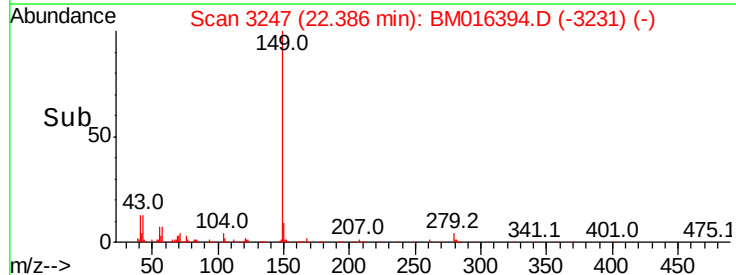
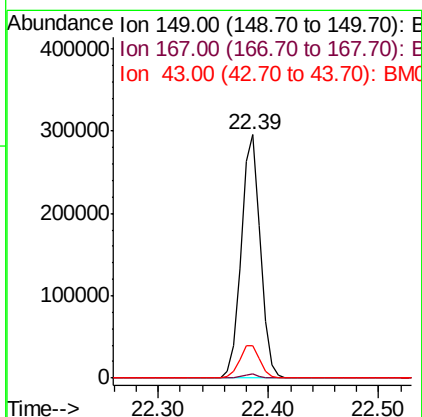
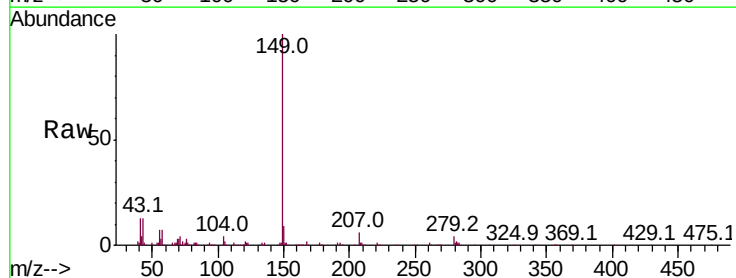
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

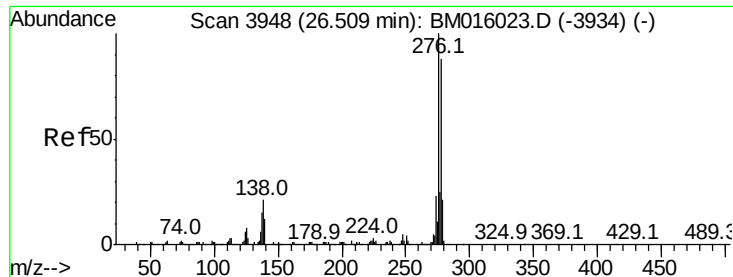
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 22.5  | 22.4  | 33.6  |
| 279     | 3.4   | 3.4   | 5.0   |



#84  
 Di-n-octyl phthalate  
 Concen: 39.536 ng  
 RT: 22.39 min Scan# 3247  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 14.3  | 7.3   | 10.9  |



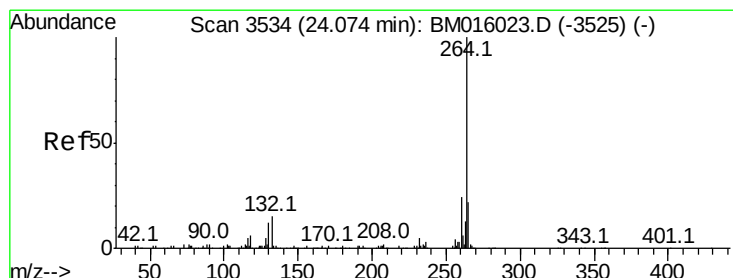
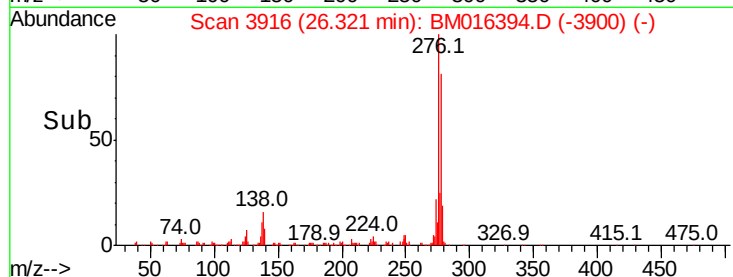
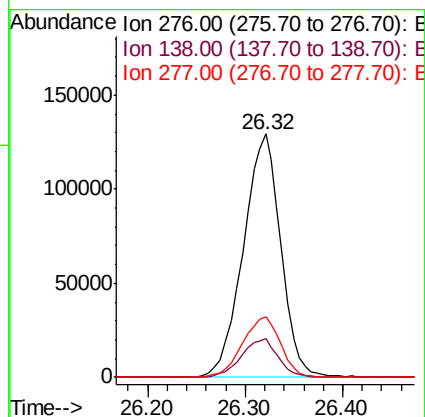
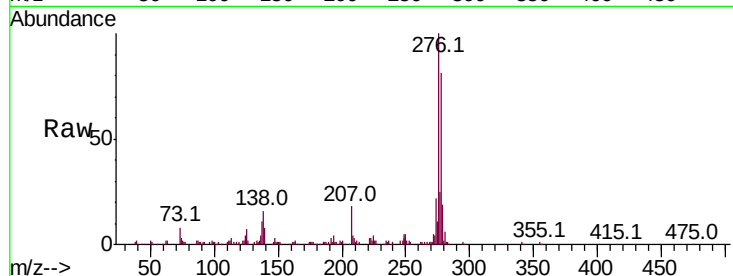


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.593 ng  
 RT: 26.32 min Scan# 3916  
 Delta R.T. -0.01 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:276 Resp: 347209  

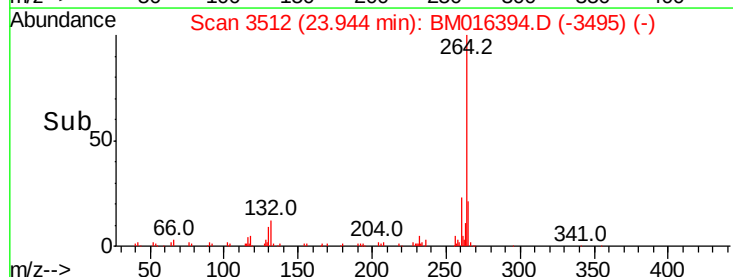
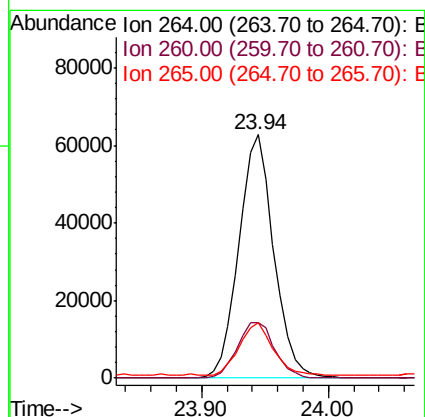
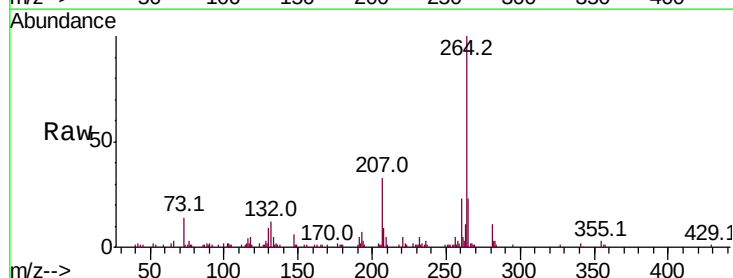
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 15.8  | 12.0  | 18.0  |
| 277 | 25.2  | 20.0  | 30.0  |

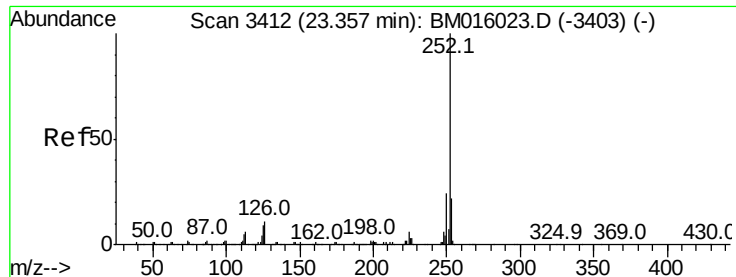


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.94 min Scan# 3512  
 Delta R.T. -0.00 min  
 Lab File: BM016394.D  
 Acq: 16 Aug 2018 00:41

Tgt Ion:264 Resp: 120074  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.5  | 18.6  | 27.8  |
| 265 | 22.7  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 39.714 ng

RT: 23.24 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

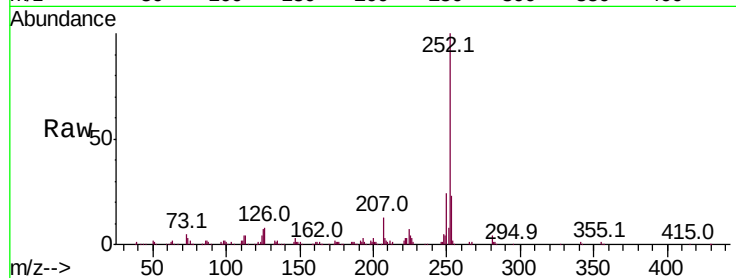
Tot Ion:252 Resp: 280766

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

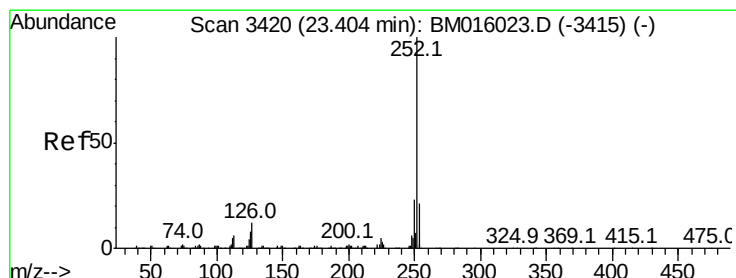
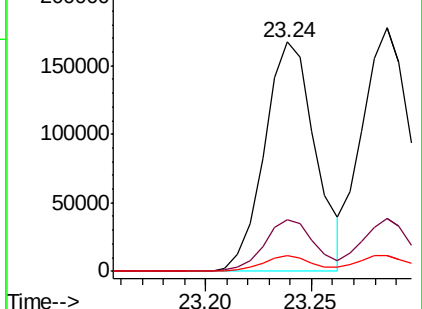
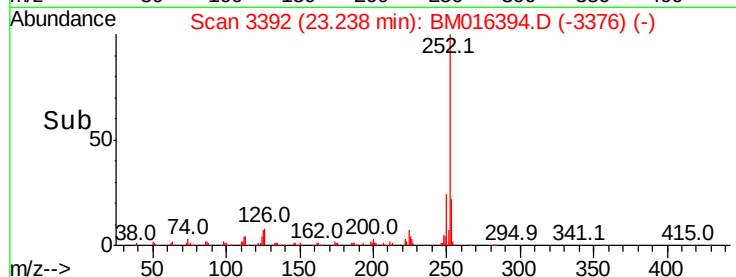
125 6.9 9.9 14.9#



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



#88

Benzo(k)fluoranthene

Concen: 39.760 ng

RT: 23.29 min Scan# 3400

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

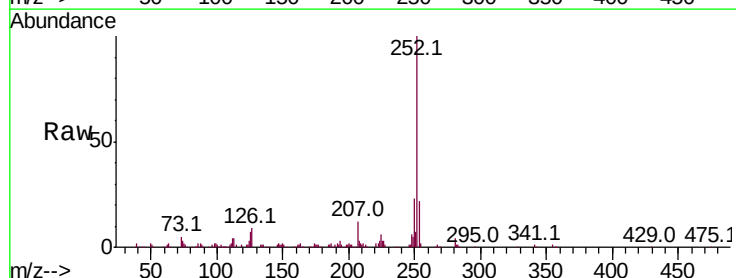
Tgt Ion:252 Resp: 284872

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

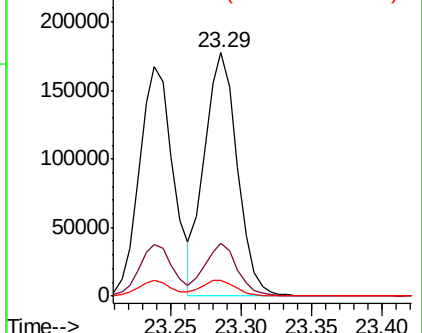
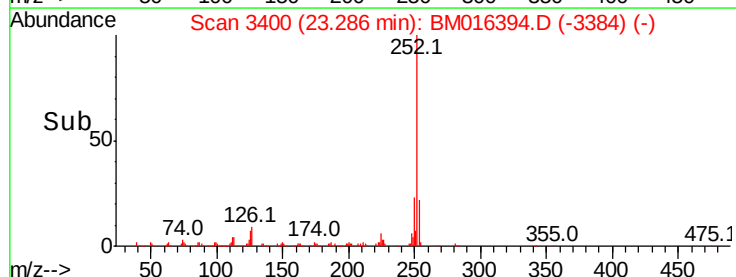
125 6.5 8.1 12.1#



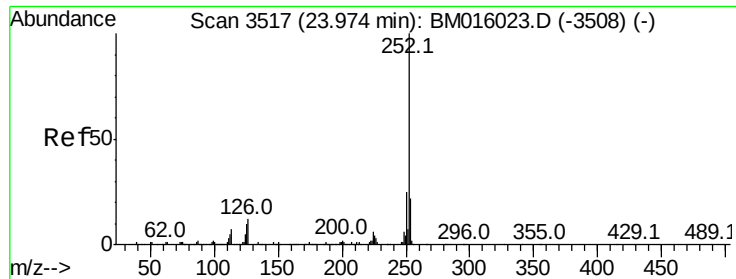
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 40.399 ng

RT: 23.84 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

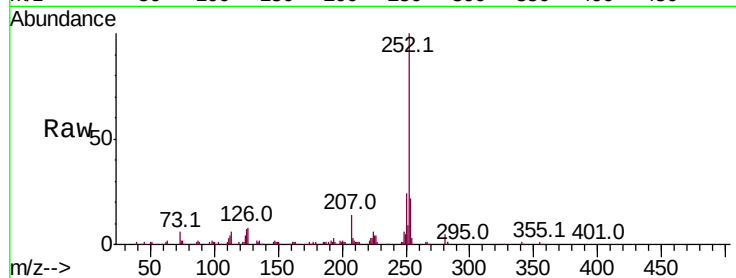
Tot Ion:252 Resp: 274566

Ion Ratio Lower Upper

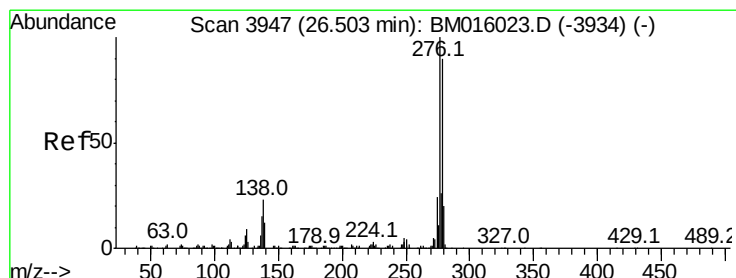
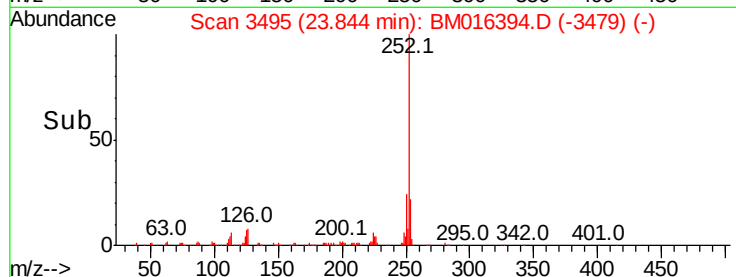
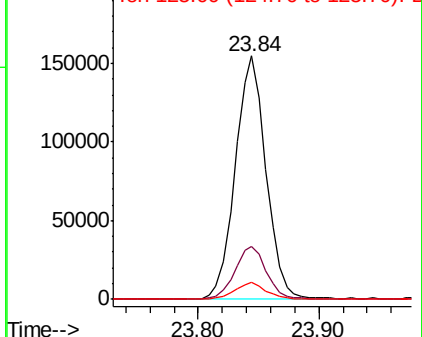
252 100

253 21.9 17.6 26.4

125 6.9 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: 41.602 ng

RT: 26.31 min Scan# 3915

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

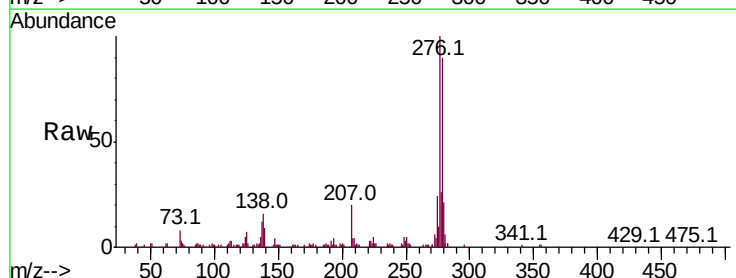
Tgt Ion:278 Resp: 292939

Ion Ratio Lower Upper

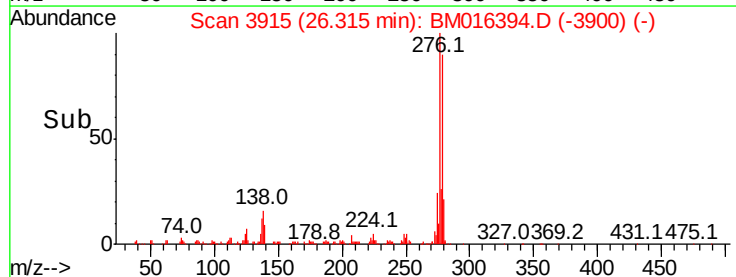
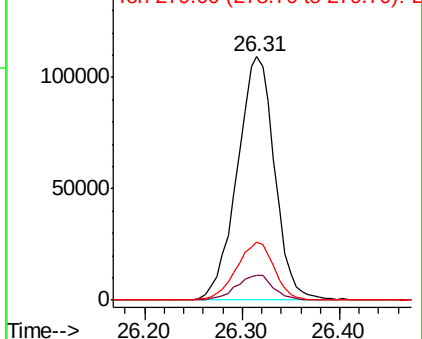
278 100

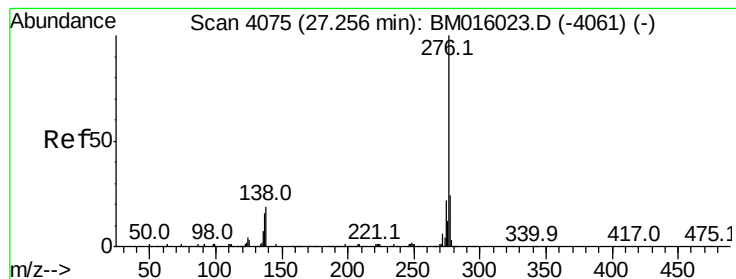
139 10.2 13.4 20.0#

279 23.6 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: 40.142 ng

RT: 27.05 min Scan# 4040

Delta R.T. -0.01 min

Lab File: BM016394.D

Acq: 16 Aug 2018 00:41

Instrument :

BNA\_M

ClientSampleId :

SSTDCCC040

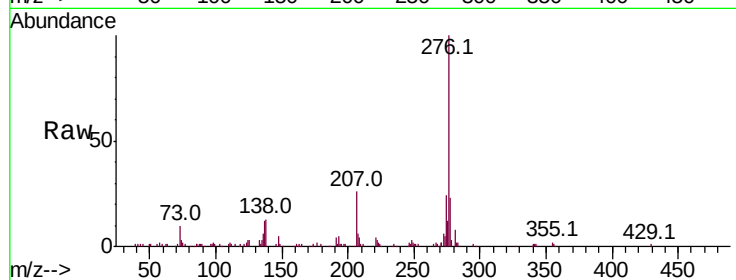
Tot Ion:276 Resp: 267343

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 13.0 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

