

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\  
 Data File : BM016075.D  
 Acq On : 26 Jul 2018 16:51  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 27 04:56:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 23 16:08:38 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.21  | 152  | 54469    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 11.03 | 136  | 266736   | 20.00 | ng    | -0.03    |
| 38) Acenaphthene-d10      | 14.84 | 164  | 158608   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.57 | 188  | 341539   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.69 | 240  | 314984   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.04 | 264  | 247807   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.72  | 112  | 256571   | 78.25 | ng    | -0.02    |
| 7) Phenol-d6                | 7.37  | 99   | 358053   | 83.61 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.40  | 82   | 452735   | 78.94 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 16.32 | 330  | 159519   | 79.30 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 13.46 | 172  | 1052823  | 80.77 | ng    | -0.02    |
| 78) Terphenyl-d14           | 20.14 | 244  | 1490484  | 99.05 | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88   | 57999    | 37.751 | ng    | # 100  |
| 3) Pyridine                    | 3.94  | 79   | 143662   | 38.816 | ng    | # 75   |
| 4) n-Nitrosodimethylamine      | 3.85  | 42   | 115252   | 39.925 | ng    | # 36   |
| 6) Aniline                     | 7.53  | 93   | 203568   | 41.287 | ng    | 91     |
| 8) 2-Chlorophenol              | 7.77  | 128  | 155426   | 39.882 | ng    | 96     |
| 9) Benzaldehyde                | 7.35  | 77   | 124303   | 41.315 | ng    | 86     |
| 10) Phenol                     | 7.39  | 94   | 177937   | 41.555 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.63  | 93   | 141051   | 41.697 | ng    | 89     |
| 12) 1,3-Dichlorobenzene        | 8.09  | 146  | 174964   | 38.355 | ng    | # 90   |
| 13) 1,4-Dichlorobenzene        | 8.24  | 146  | 179392   | 38.775 | ng    | # 94   |
| 14) 1,2-Dichlorobenzene        | 8.56  | 146  | 176643   | 39.021 | ng    | # 94   |
| 15) Benzyl Alcohol             | 8.46  | 79   | 155145   | 45.500 | ng    | # 86   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.74  | 45   | 206348   | 39.857 | ng    | 99     |
| 17) 2-Methylphenol             | 8.66  | 107  | 127389   | 43.526 | ng    | # 81   |
| 18) Hexachloroethane           | 9.29  | 117  | 79470    | 39.738 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 9.03  | 70   | 142494   | 45.526 | ng    | # 74   |
| 20) 3+4-Methylphenols          | 8.99  | 107  | 176268   | 41.860 | ng    | 88     |
| 22) Acetophenone               | 9.05  | 105  | 257611   | 38.355 | ng    | # 84   |
| 24) Nitrobenzene               | 9.44  | 77   | 213632   | 37.008 | ng    | 98     |
| 25) Isophorone                 | 9.96  | 82   | 335242   | 42.736 | ng    | # 93   |
| 26) 2-Nitrophenol              | 10.15 | 139  | 98645    | 40.936 | ng    | # 52   |
| 27) 2,4-Dimethylphenol         | 10.20 | 122  | 135916   | 40.485 | ng    | # 85   |
| 28) bis(2-Chloroethoxy)methane | 10.43 | 93   | 207639   | 40.725 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.68 | 162  | 164224   | 41.165 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.89 | 180  | 179726   | 37.079 | ng    | # 95   |
| 31) Naphthalene                | 11.08 | 128  | 510143   | 37.789 | ng    | 100    |
| 32) Benzoic acid               | 10.38 | 122  | 108361   | 42.341 | ng    | # 86   |
| 33) 4-Chloroaniline            | 11.20 | 127  | 230758   | 41.888 | ng    | # 87   |
| 34) Hexachlorobutadiene        | 11.34 | 225  | 128138   | 38.111 | ng    | 98     |
| 35) Caprolactam                | 12.02 | 113  | 48814    | 44.178 | ng    | # 92   |
| 36) 4-Chloro-3-methylphenol    | 12.31 | 107  | 191753   | 43.701 | ng    | 88     |
| 37) 2-Methylnaphthalene        | 12.67 | 142  | 369896   | 40.903 | ng    | # 90   |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.04 | 216  | 197303   | 36.539 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 13.00 | 237  | 96009    | 40.421 | ng    | 97     |

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 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jul 27 04:56:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 23 16:08:38 2018  
 Response via : Initial Calibration

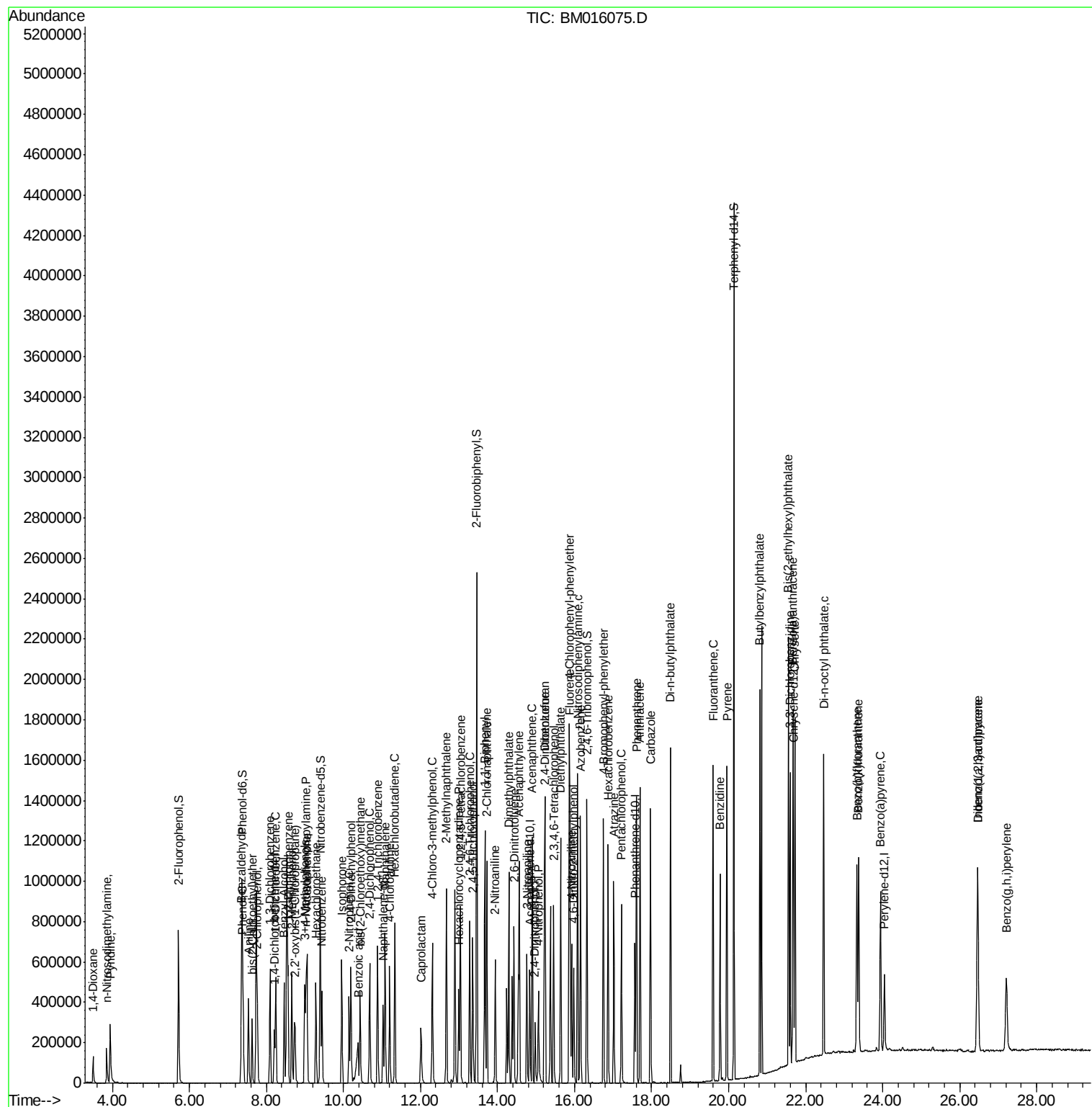
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.28 | 196  | 135462   | 40.096 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.36 | 196  | 138084   | 39.625 | ng    | # 82     |
| 45) 1,1'-Biphenyl              | 13.67 | 154  | 539609   | 37.698 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.72 | 162  | 417486   | 37.500 | ng    | # 89     |
| 47) 2-Nitroaniline             | 13.94 | 65   | 147968   | 40.201 | ng    | # 77     |
| 48) Acenaphthylene             | 14.56 | 152  | 636508   | 39.054 | ng    | 99       |
| 49) Dimethylphthalate          | 14.29 | 163  | 545902   | 39.328 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.43 | 165  | 113504   | 40.641 | ng    | # 55     |
| 51) Acenaphthene               | 14.90 | 154  | 382820   | 38.192 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.76 | 138  | 119204   | 39.516 | ng    | # 77     |
| 53) 2,4-Dinitrophenol          | 14.98 | 184  | 49183    | 43.994 | ng    | # 73     |
| 54) Dibenzofuran               | 15.23 | 168  | 636227   | 38.518 | ng    | # 83     |
| 55) 4-Nitrophenol              | 15.06 | 139  | 86355    | 39.933 | ng    | 90       |
| 56) 2,4-Dinitrotoluene         | 15.22 | 165  | 161839   | 40.527 | ng    | 94       |
| 57) Fluorene                   | 15.88 | 166  | 484818   | 39.498 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.46 | 232  | 122146   | 40.779 | ng    | # 100    |
| 59) Diethylphthalate           | 15.64 | 149  | 605145   | 40.447 | ng    | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.86 | 204  | 270909   | 39.647 | ng    | # 84     |
| 61) 4-Nitroaniline             | 15.92 | 138  | 114450   | 39.544 | ng    | # 11     |
| 62) Azobenzene                 | 16.16 | 77   | 650824   | 41.305 | ng    | # 77     |
| 64) 4,6-Dinitro-2-methylphenol | 15.98 | 198  | 86673    | 41.810 | ng    | 88       |
| 65) n-Nitrosodiphenylamine     | 16.08 | 169  | 449026   | 39.926 | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.75 | 248  | 155935   | 40.320 | ng    | # 73     |
| 67) Hexachlorobenzene          | 16.87 | 284  | 168737   | 39.620 | ng    | # 69     |
| 68) Atrazine                   | 17.02 | 200  | 160280   | 39.764 | ng    | 97       |
| 69) Pentachlorophenol          | 17.22 | 266  | 105547   | 40.022 | ng    | 97       |
| 70) Phenanthrene               | 17.61 | 178  | 722749   | 37.798 | ng    | 99       |
| 71) Anthracene                 | 17.70 | 178  | 728213   | 39.185 | ng    | 98       |
| 72) Carbazole                  | 17.97 | 167  | 740532   | 38.464 | ng    | 97       |
| 73) Di-n-butylphthalate        | 18.49 | 149  | 1009219  | 42.068 | ng    | # 97     |
| 74) Fluoranthene               | 19.60 | 202  | 807095   | 37.839 | ng    | 98       |
| 76) Benzidine                  | 19.77 | 184  | 425999   | 48.398 | ng    | 99       |
| 77) Pyrene                     | 19.96 | 202  | 838613   | 44.427 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.81 | 149  | 432748   | 45.129 | ng    | # 80     |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 750533   | 38.687 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.60 | 252  | 300183   | 38.415 | ng    | 97       |
| 82) Chrysene                   | 21.72 | 228  | 708314   | 38.061 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 599171   | 43.115 | ng    | # 92     |
| 84) Di-n-octyl phthalate       | 22.47 | 149  | 879347   | 37.649 | ng    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.47 | 276  | 563567   | 25.520 | ng    | # 95     |
| 87) Benzo(b)fluoranthene       | 23.33 | 252  | 608089   | 41.678 | ng    | # 95     |
| 88) Benzo(k)fluoranthene       | 23.38 | 252  | 579152   | 39.168 | ng    | 98       |
| 89) Benzo(a)pyrene             | 23.94 | 252  | 539290   | 38.449 | ng    | 100      |
| 90) Dibenzo(a,h)anthracene     | 26.47 | 278  | 479632   | 33.005 | ng    | # 95     |
| 91) Benzo(g,h,i)perylene       | 27.21 | 276  | 437715   | 31.846 | ng    | # 92     |

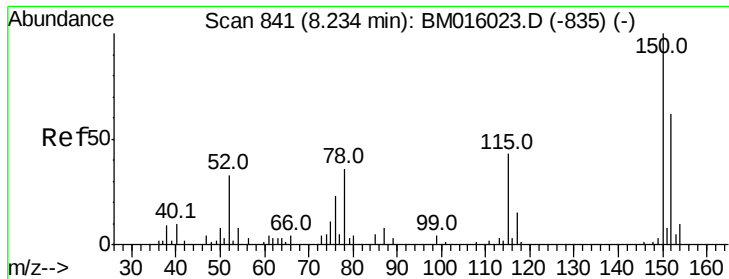
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072618\  
Data File : BM016075.D  
Acq On : 26 Jul 2018 16:51  
Operator : SJ/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampled :

Quant Time: Jul 27 04:56:47 2018  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM072318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jul 23 16:08:38 2018  
Response via : Initial Calibration



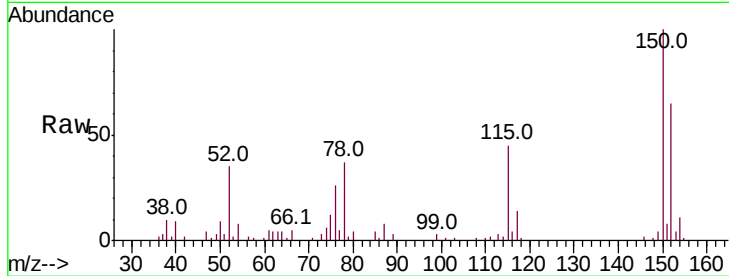


#1

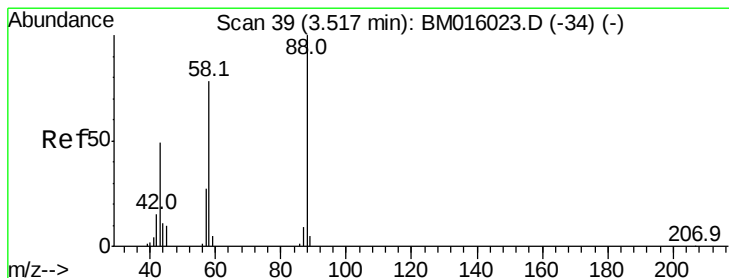
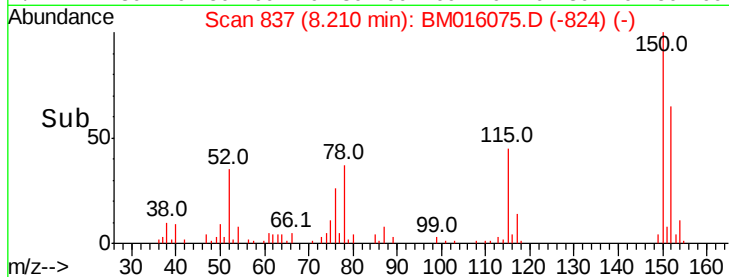
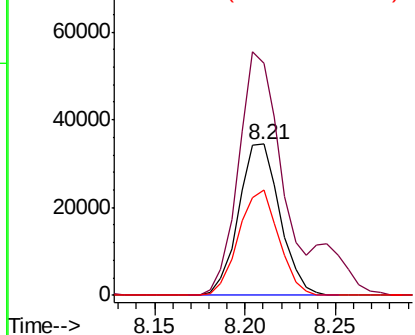
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.21 min Scan# 837  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 54469  
Ion Ratio Lower Upper  
152 100  
150 153.9 119.5 179.3  
115 69.5 43.0 64.4#



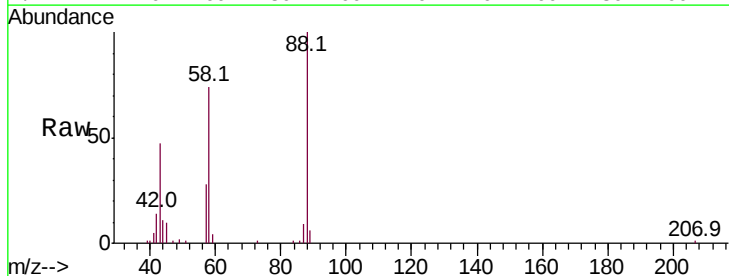
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



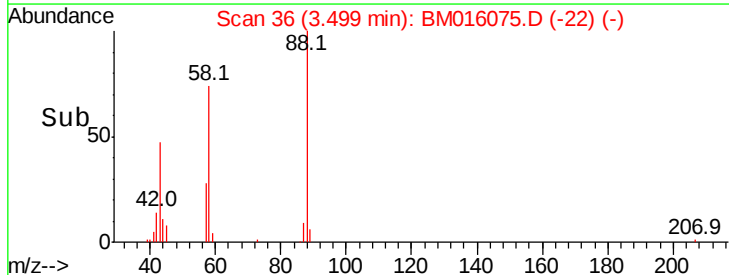
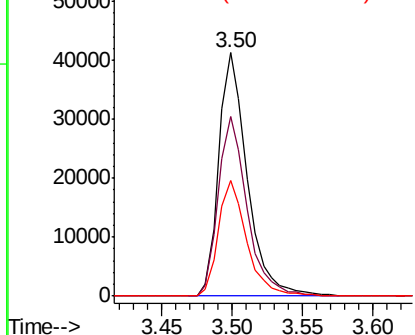
#2

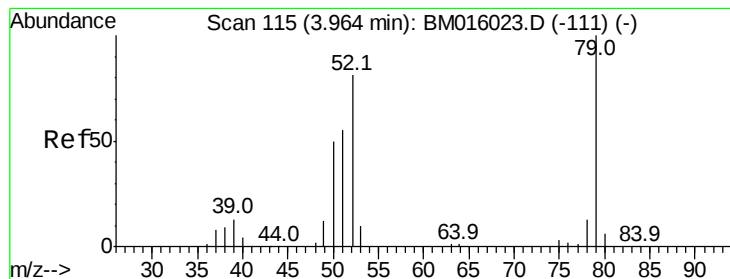
1,4-Dioxane  
Concen: 37.751 ng  
RT: 3.50 min Scan# 36  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion: 88 Resp: 57999  
Ion Ratio Lower Upper  
88 100  
58 74.7 0.0 0.0#  
43 47.3 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: 38.816 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampleId :

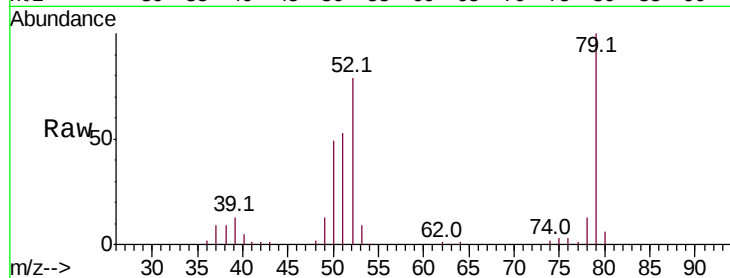
Tot Ion: 79 Resp: 143662

Ion Ratio Lower Upper

79 100

52 79.4 51.1 76.7#

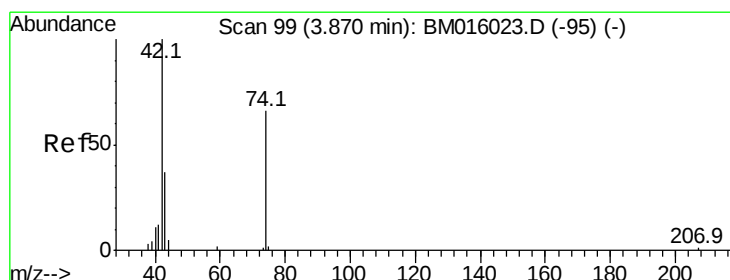
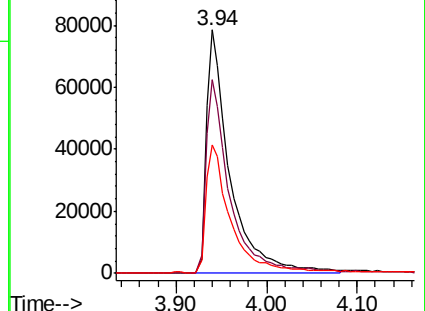
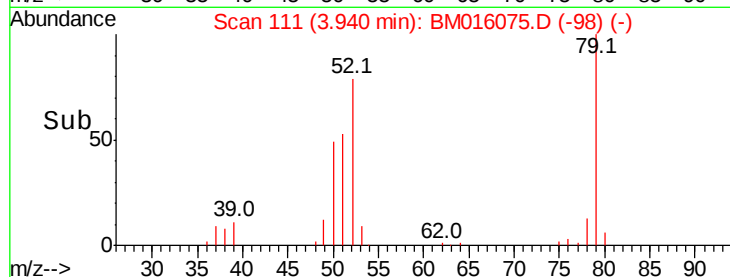
51 52.8 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016075.D (-98) (-)

Ion 52.00 (51.70 to 52.70): BM016075.D (-98) (-)

Ion 51.00 (50.70 to 51.70): BM016075.D (-98) (-)



#4

n-Nitrosodimethylamine

Concen: 39.925 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

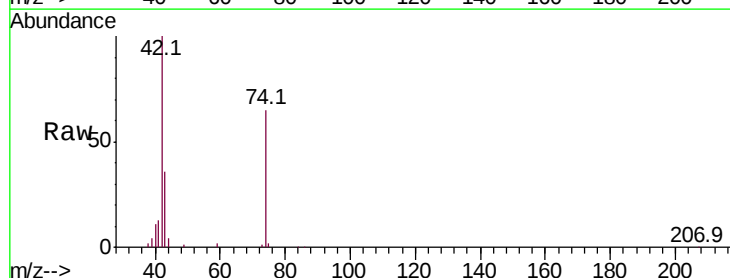
Tgt Ion: 42 Resp: 115252

Ion Ratio Lower Upper

42 100

74 65.1 119.3 178.9#

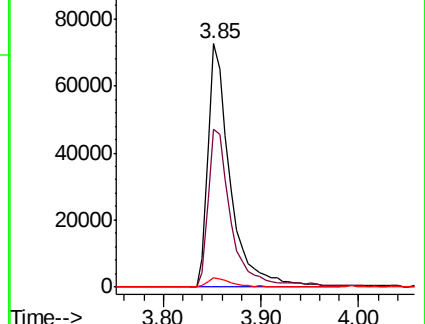
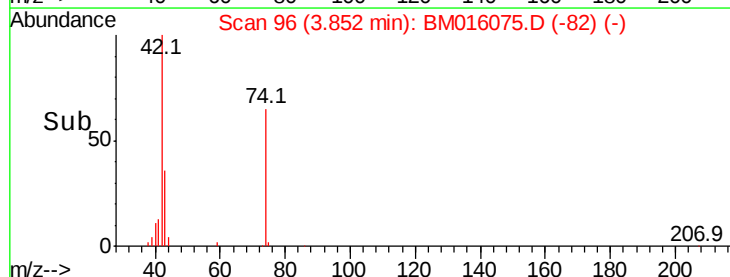
44 3.8 5.4 8.2#

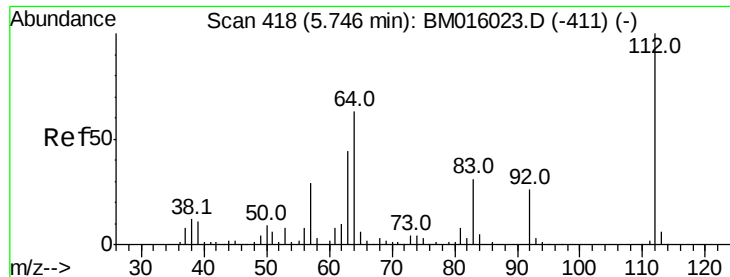


Abundance Ion 42.00 (41.70 to 42.70): BM016075.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM016075.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM016075.D (-82) (-)





#5

2-Fluorophenol

Concen: 39.925 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampleId :

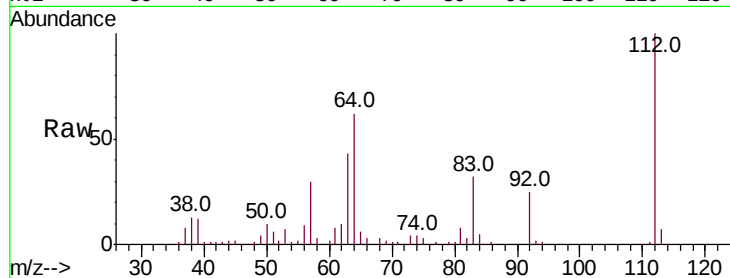
Tot Ion:112 Resp: 256571

Ion Ratio Lower Upper

112 100

64 62.4 38.6 57.8#

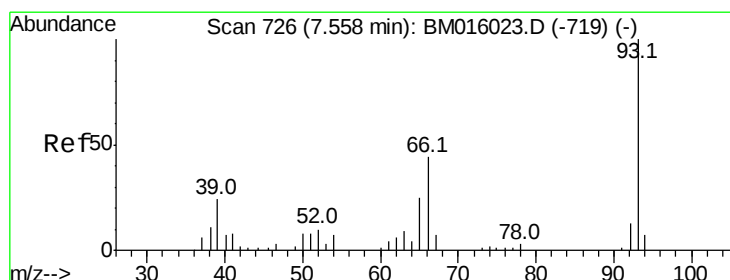
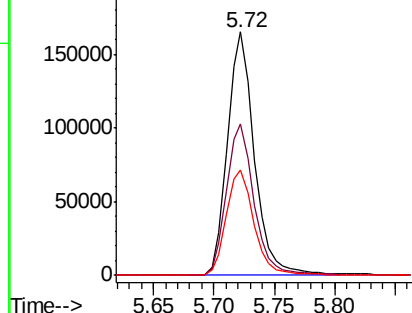
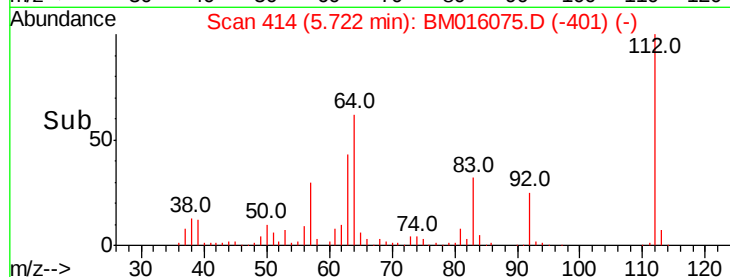
63 43.2 19.3 28.9#



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: 41.287 ng

RT: 7.53 min Scan# 722

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

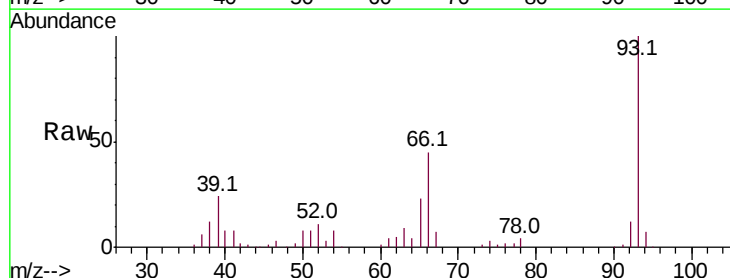
Tgt Ion: 93 Resp: 203568

Ion Ratio Lower Upper

93 100

66 44.6 30.8 46.2

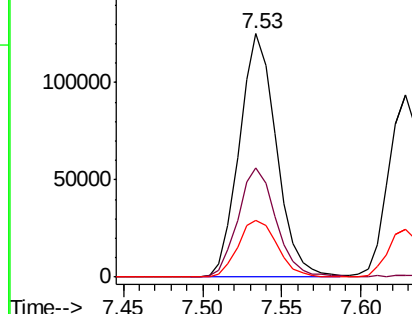
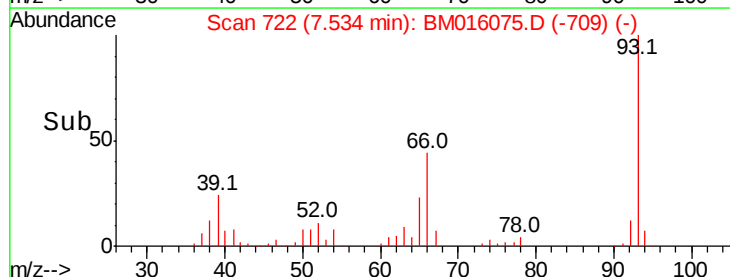
65 23.2 16.0 24.0

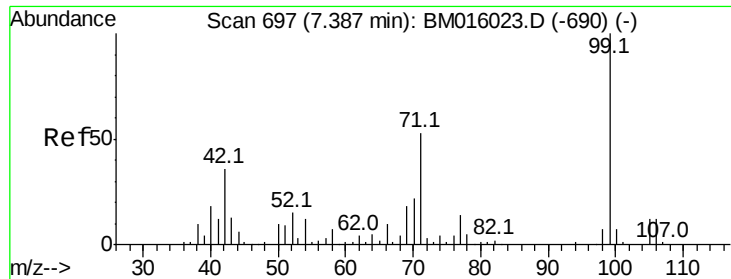


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 41.287 ng

RT: 7.37 min Scan# 694

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampled :

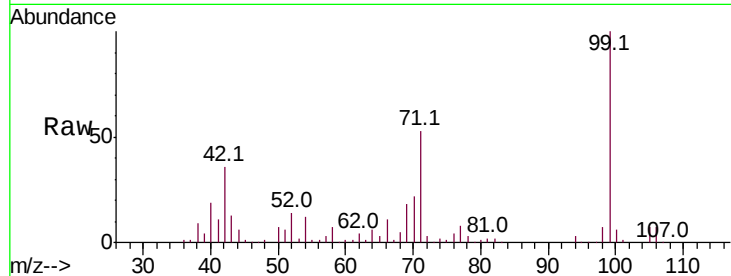
Tot Ion: 99 Resp: 358053

Ion Ratio Lower Upper

99 100

42 35.8 11.0 16.4#

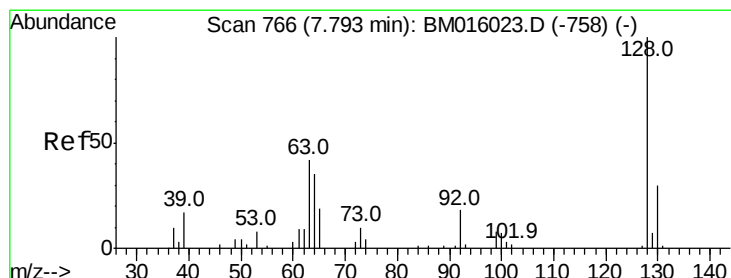
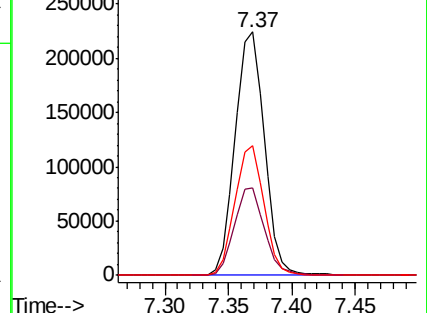
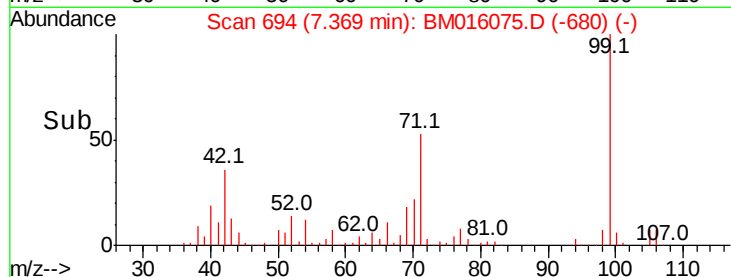
71 53.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)



#8

2-Chlorophenol

Concen: 39.882 ng

RT: 7.77 min Scan# 762

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

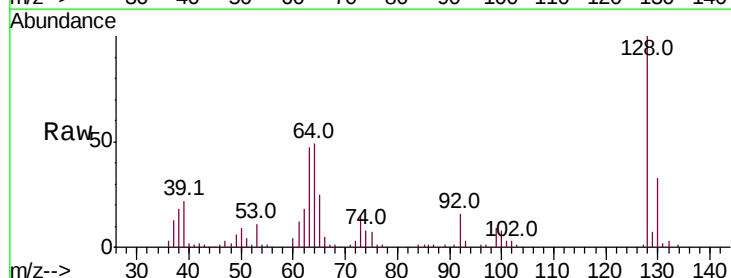
Tgt Ion: 128 Resp: 155426

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

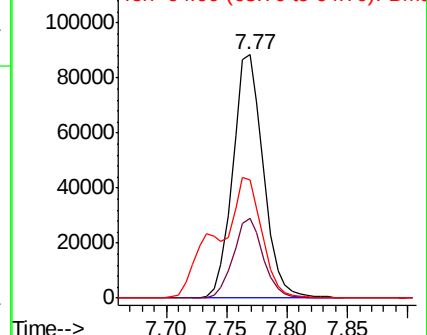
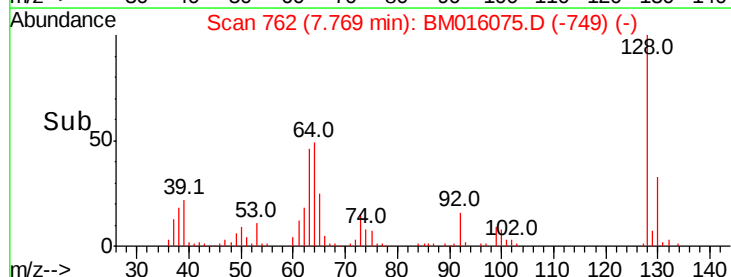
64 48.6 24.9 64.9

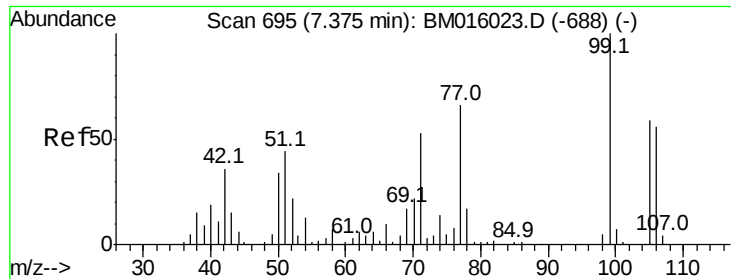


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)





#9

Benzaldehyde

Concen: 41.315 ng

RT: 7.35 min Scan# 690

Delta R.T. -0.03 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampled :

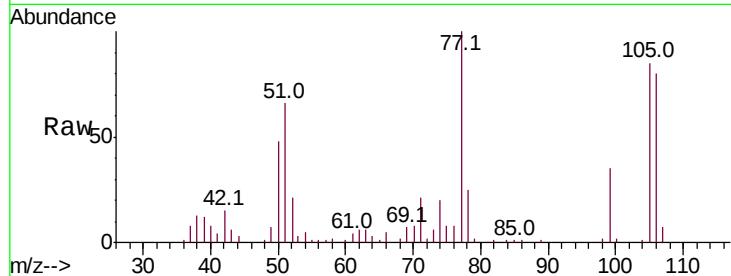
Tot Ion: 77 Resp: 124303

Ion Ratio Lower Upper

77 100

105 84.6 78.8 118.8

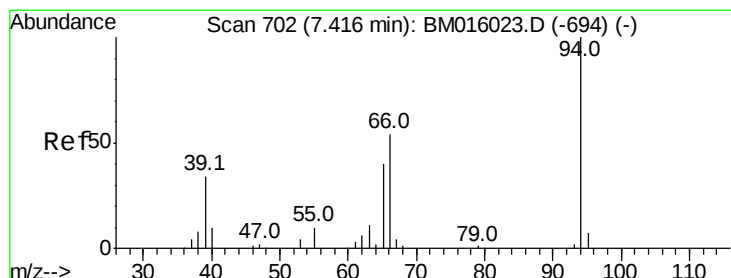
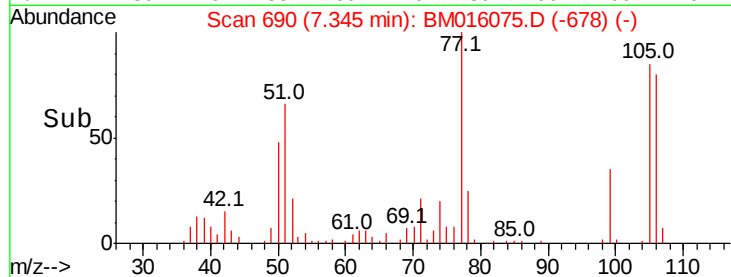
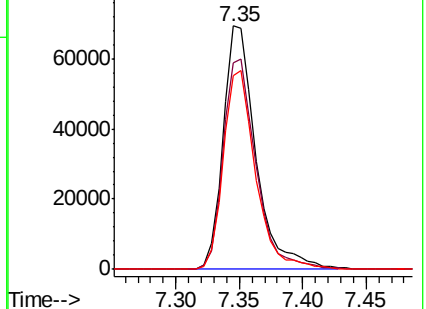
106 79.5 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016075.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016075.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016075.D (-678) (-)



#10

Phenol

Concen: 41.555 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

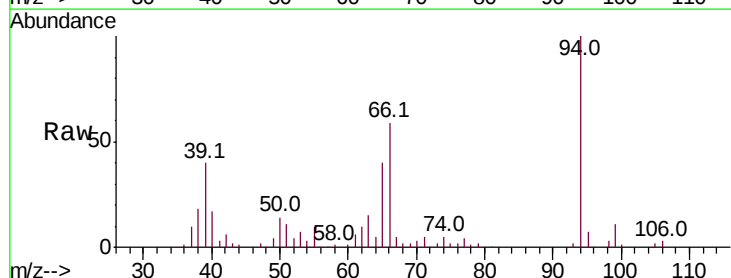
Tgt Ion: 94 Resp: 177937

Ion Ratio Lower Upper

94 100

65 40.5 18.8 58.8

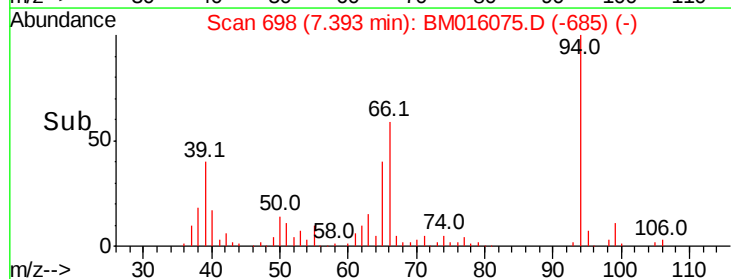
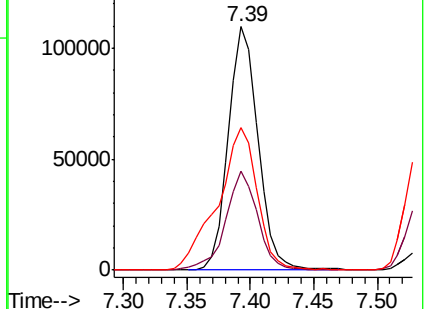
66 58.8 39.9 79.9

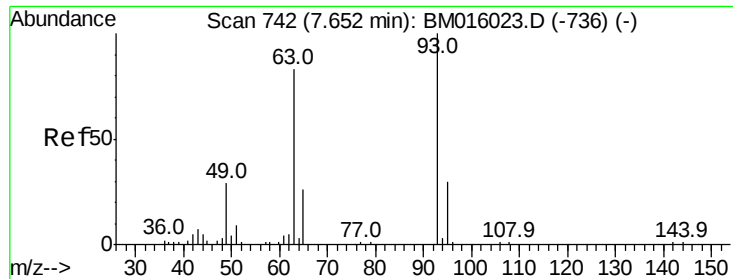


Abundance Ion 94.00 (93.70 to 94.70): BM016075.D (-685) (-)

Ion 65.00 (64.70 to 65.70): BM016075.D (-685) (-)

Ion 66.00 (65.70 to 66.70): BM016075.D (-685) (-)

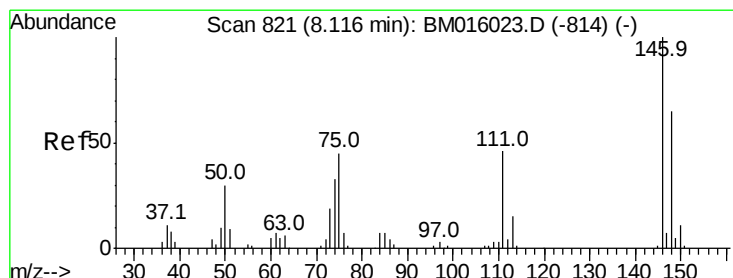
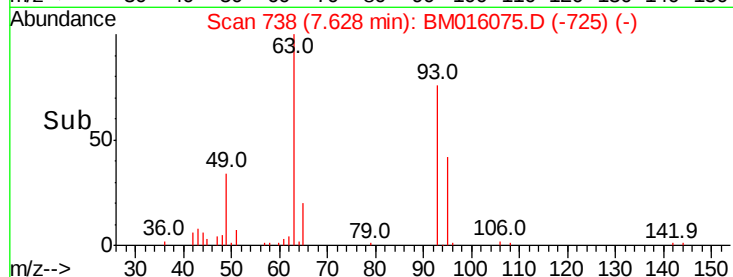
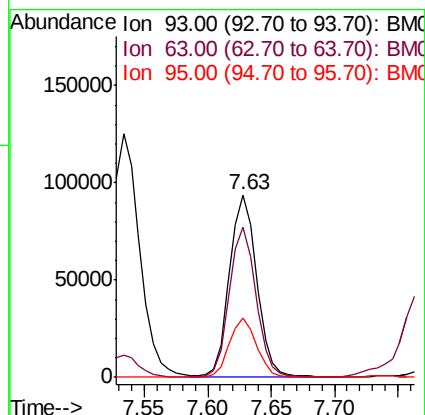
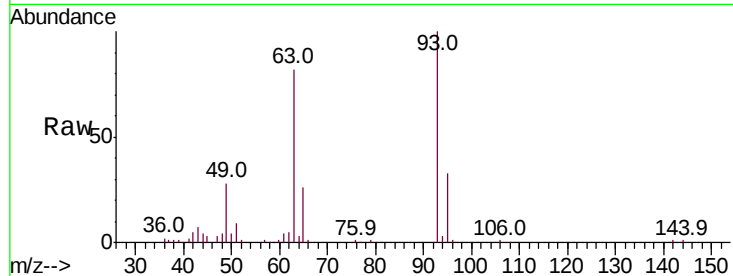




#11  
bis(2-Chloroethyl)ether  
Concen: 41.697 ng  
RT: 7.63 min Scan# 738  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

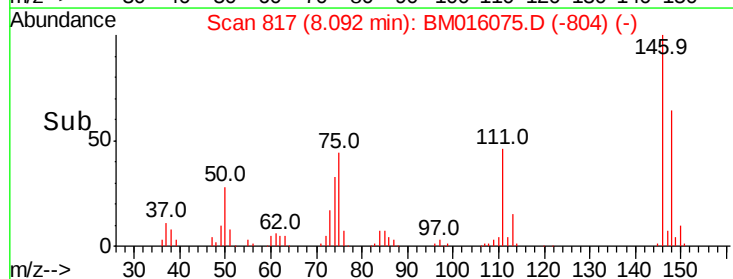
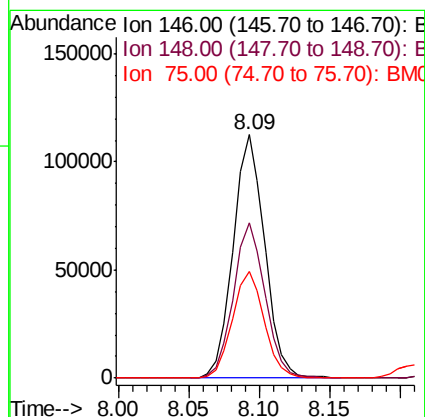
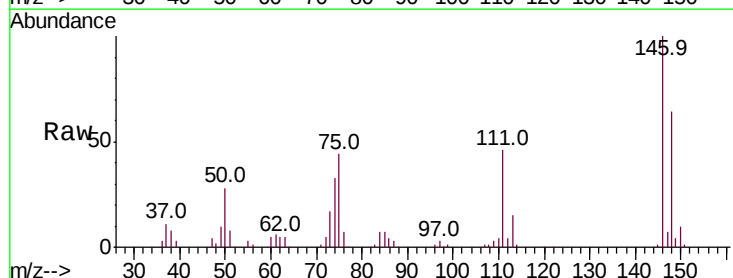
Instrument :  
BNA\_M  
ClientSampleId :

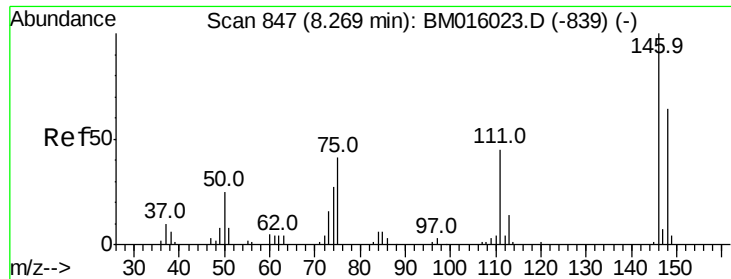
Tot Ion: 93 Resp: 141051  
Ion Ratio Lower Upper  
93 100  
63 82.0 49.5 89.5  
95 32.7 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 38.355 ng  
RT: 8.09 min Scan# 817  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:146 Resp: 174964  
Ion Ratio Lower Upper  
146 100  
148 63.9 50.9 76.3  
75 43.8 21.4 32.2#

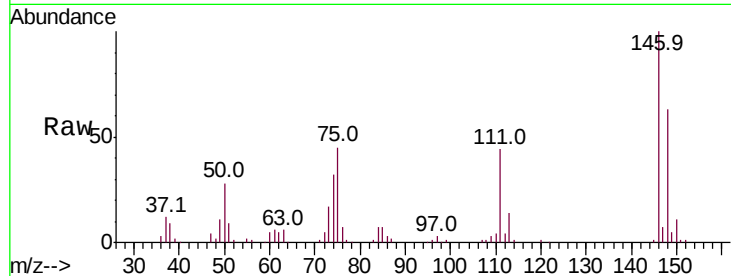




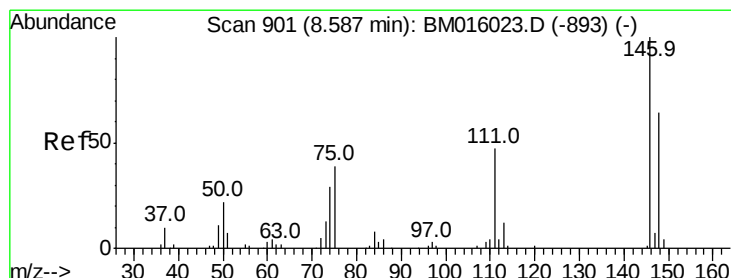
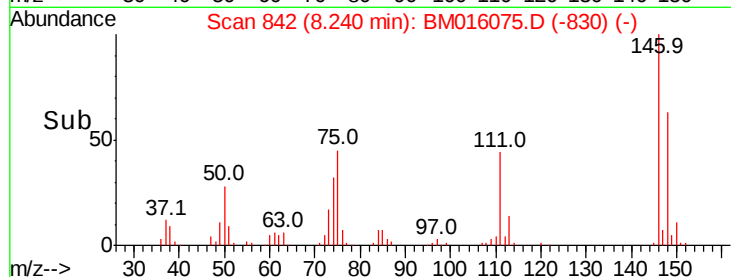
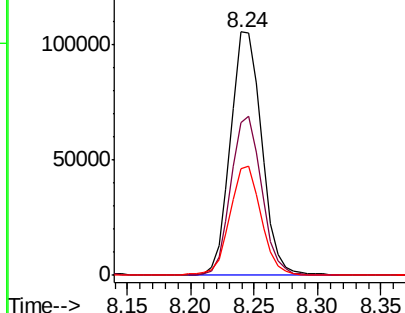
#13  
 1,4-Dichlorobenzene  
 Concen: 38.775 ng  
 RT: 8.24 min Scan# 842  
 Delta R.T. -0.03 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:146 Resp: 179392  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 51.9 77.9  
 111 43.8 29.2 43.8#

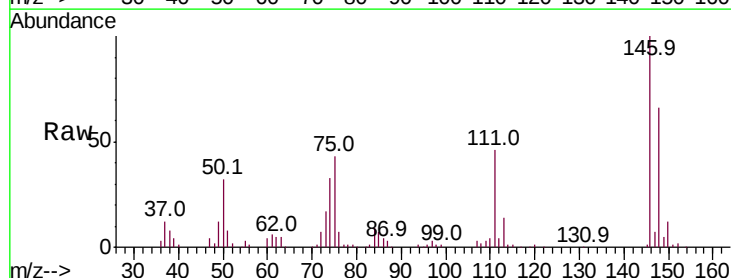


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

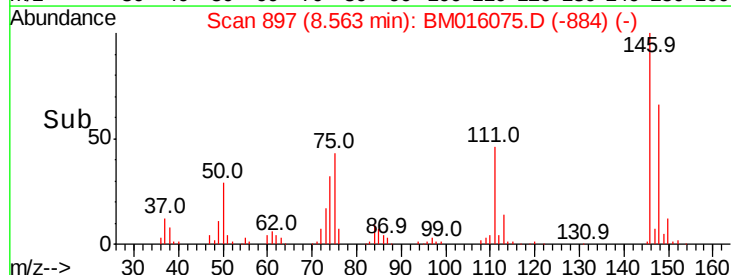
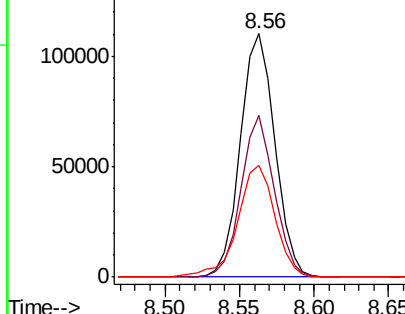


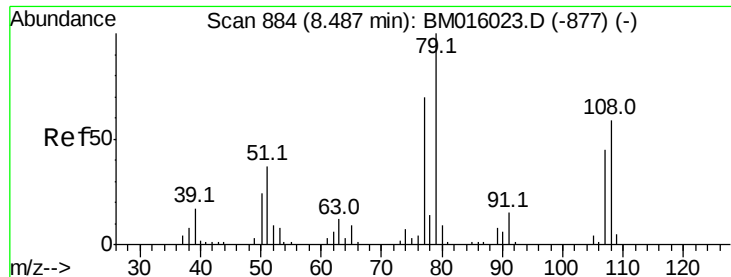
#14  
 1,2-Dichlorobenzene  
 Concen: 39.021 ng  
 RT: 8.56 min Scan# 897  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Tgt Ion:146 Resp: 176643  
 Ion Ratio Lower Upper  
 146 100  
 148 66.3 52.3 78.5  
 111 46.2 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: 45.500 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampled :

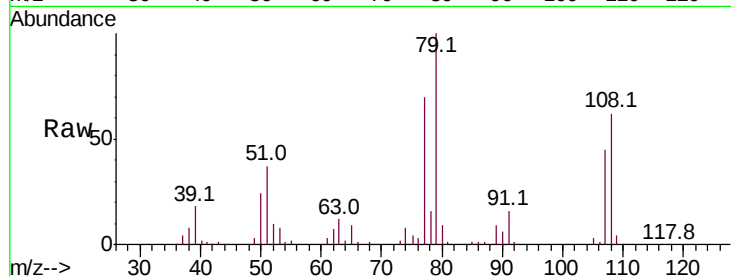
Tot Ion: 79 Resp: 155145

Ion Ratio Lower Upper

79 100

108 61.9 65.0 97.4#

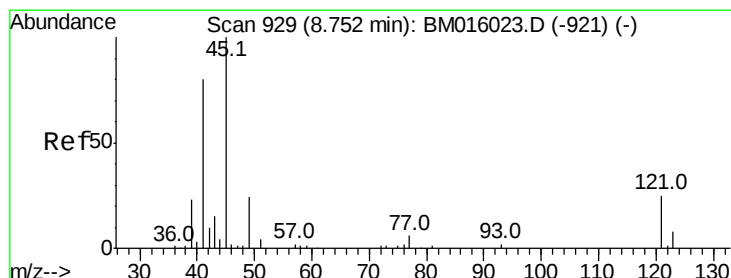
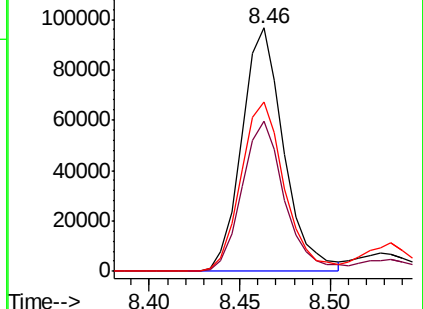
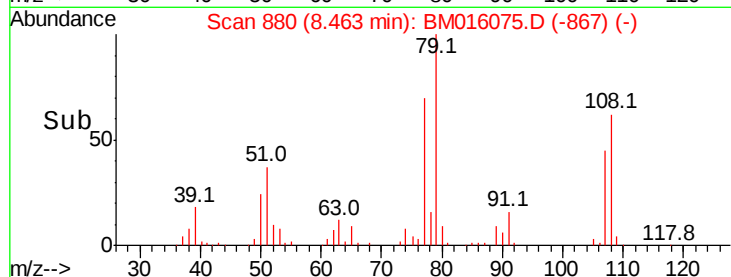
77 69.8 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.857 ng

RT: 8.74 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

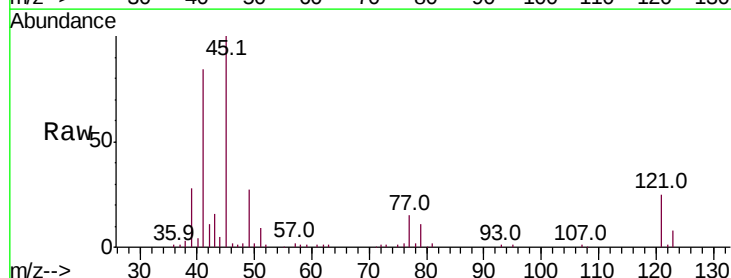
Tgt Ion: 45 Resp: 206348

Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.2

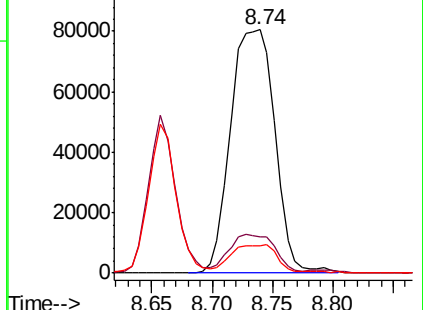
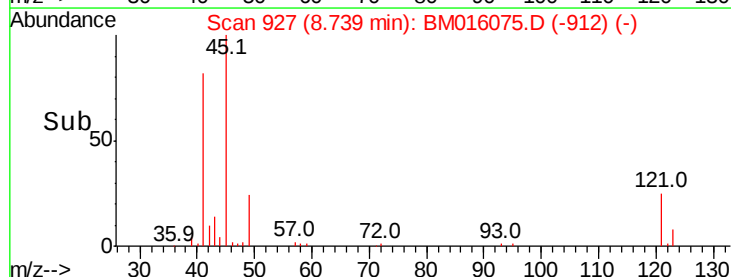
79 11.4 0.0 32.0

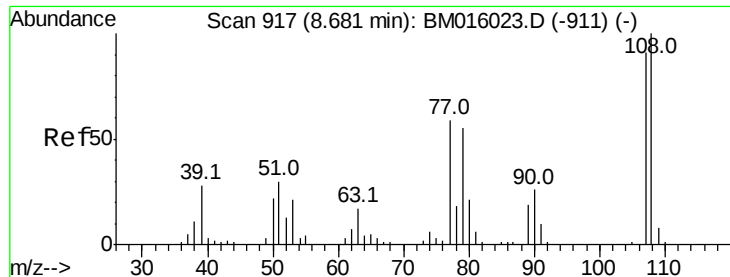


Abundance Ion 45.00 (44.70 to 45.70): BM016023.D (-921) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-921) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-921) (-)

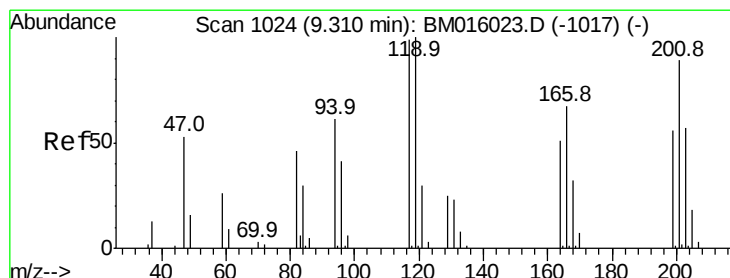
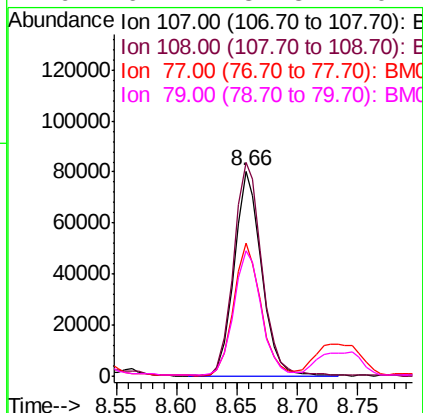
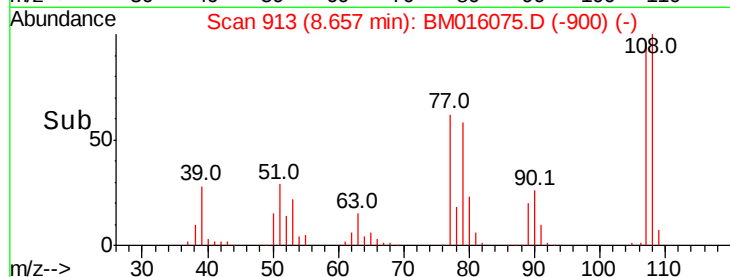
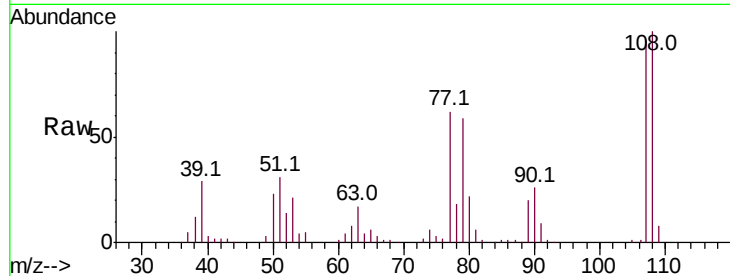




#17  
2-Methylphenol  
Concen: 43.526 ng  
RT: 8.66 min Scan# 913  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

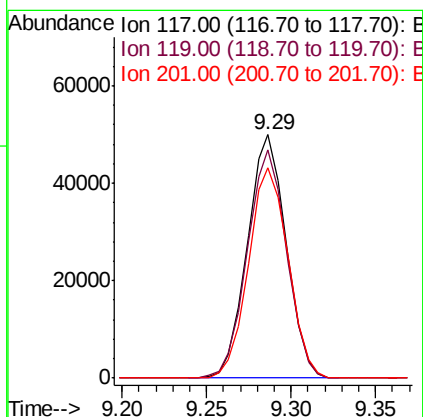
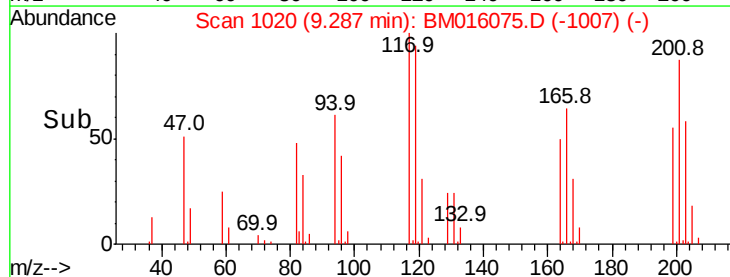
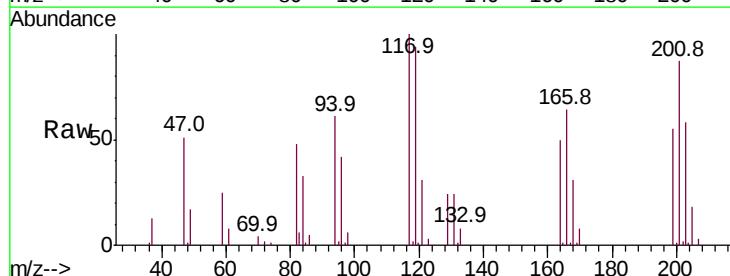
Instrument :  
BNA\_M  
ClientSampleId :

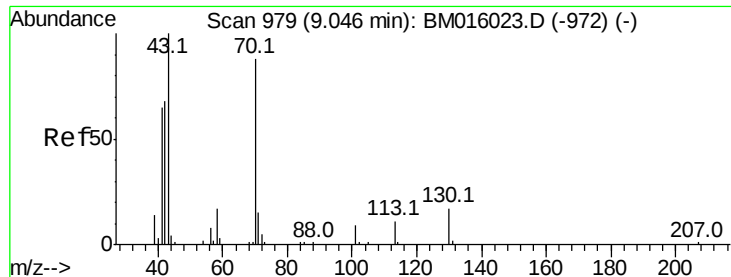
Tot Ion:107 Resp: 127389  
Ion Ratio Lower Upper  
107 100  
108 104.3 89.8 134.8  
77 65.2 32.6 48.8#  
79 61.2 32.8 49.2#



#18  
Hexachloroethane  
Concen: 39.738 ng  
RT: 9.29 min Scan# 1020  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:117 Resp: 79470  
Ion Ratio Lower Upper  
117 100  
119 93.9 79.2 118.8  
201 86.5 69.8 104.6

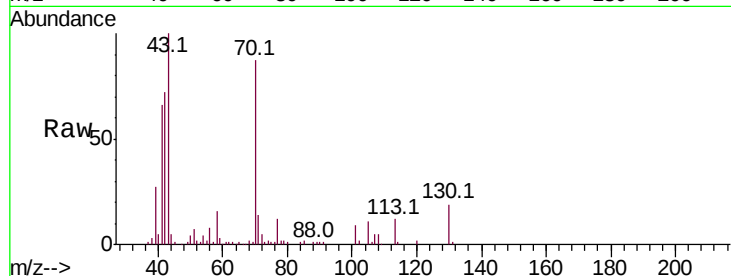




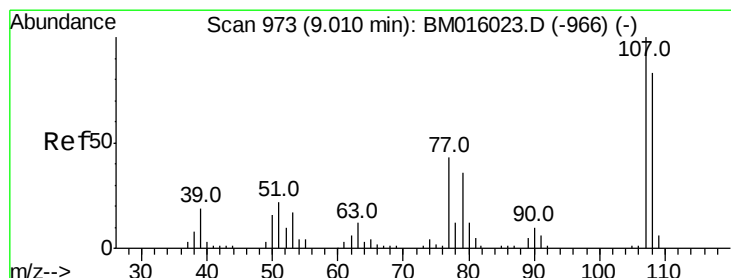
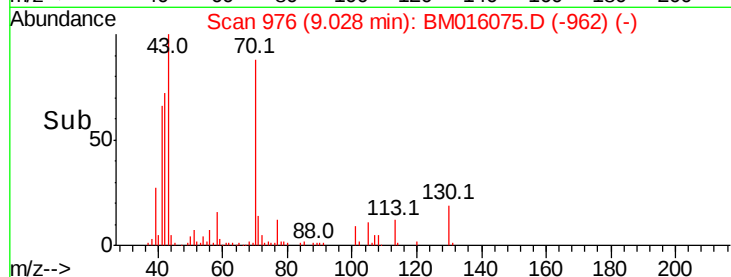
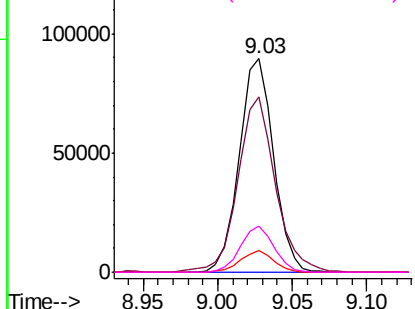
#19  
n-Nitroso-di-n-propylamine  
Concen: 45.526 ng  
RT: 9.03 min Scan# 976  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 142494 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 82.2  | 44.5  | 66.7#  |
| 101      | 10.2  | 7.4   | 11.2   |
| 130      | 21.3  | 15.3  | 22.9   |

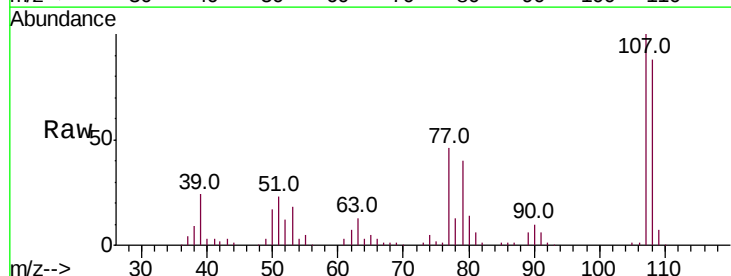


Abundance Ion 70.00 (69.70 to 70.70): BM016075.D (-962) (-)  
Ion 42.00 (41.70 to 42.70): BM016075.D (-962) (-)  
Ion 101.00 (100.70 to 101.70): BM016075.D (-962) (-)  
Ion 130.00 (129.70 to 130.70): BM016075.D (-962) (-)

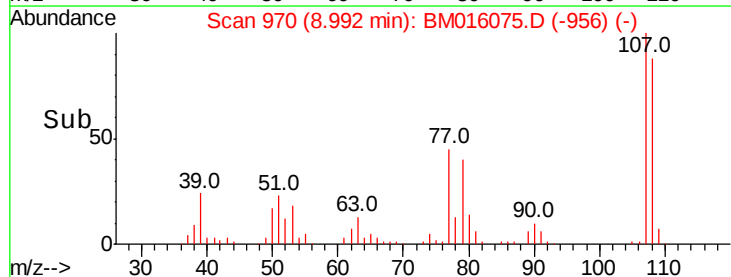
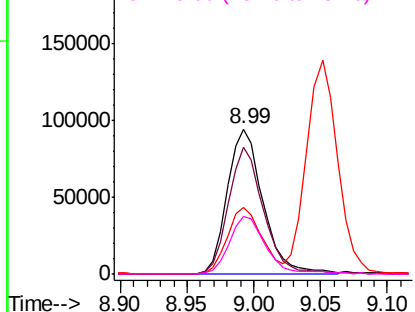


#20  
3+4-Methylphenols  
Concen: 41.860 ng  
RT: 8.99 min Scan# 970  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 176268 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 73.2  | 113.2  |
| 77       | 45.7  | 10.7  | 50.7   |
| 79       | 39.5  | 9.6   | 49.6   |



Abundance Ion 107.00 (106.70 to 107.70): BM016075.D (-956) (-)  
Ion 108.00 (107.70 to 108.70): BM016075.D (-956) (-)  
Ion 77.00 (76.70 to 77.70): BM016075.D (-956) (-)  
Ion 79.00 (78.70 to 79.70): BM016075.D (-956) (-)

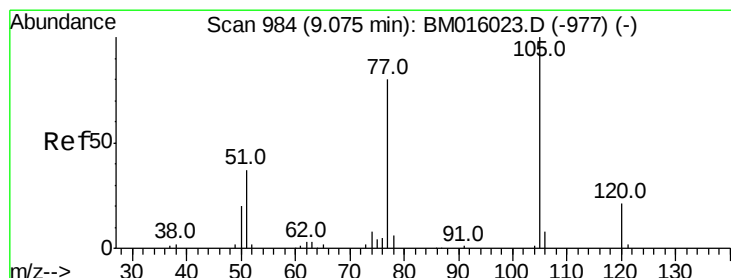
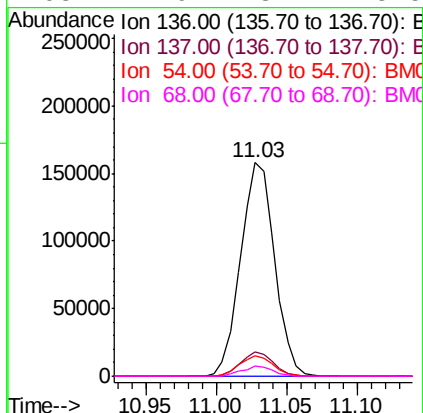
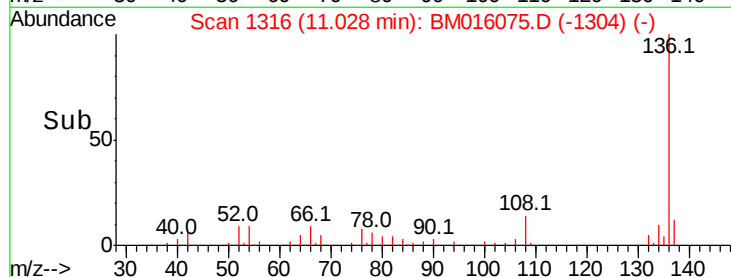
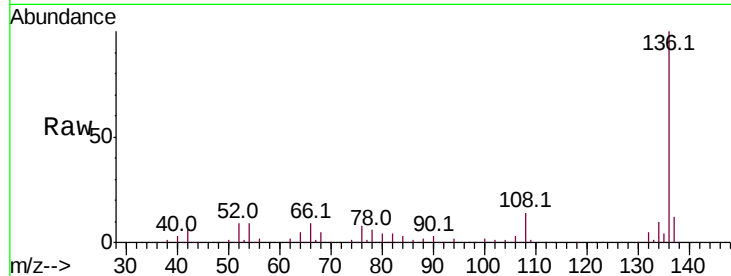




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.03 min Scan# 1316  
Delta R.T. -0.03 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

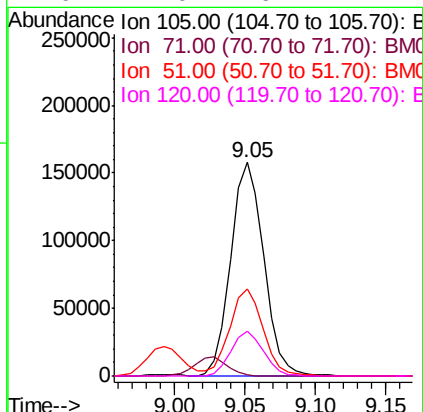
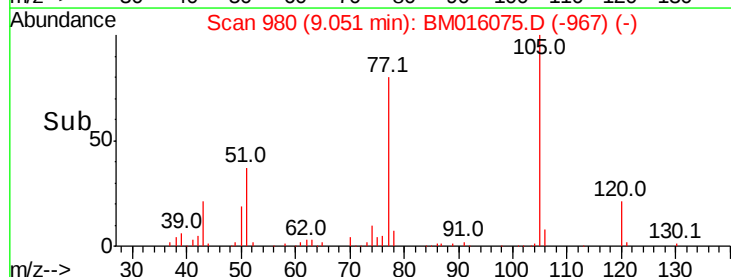
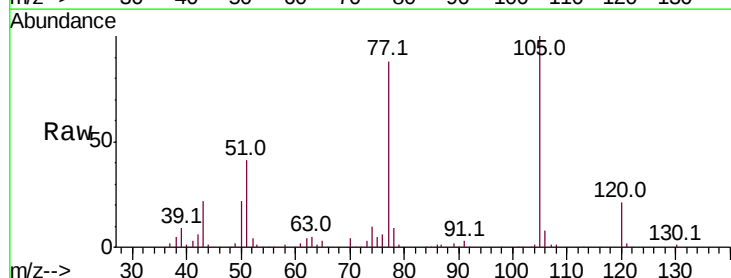
Instrument :  
BNA\_M  
ClientSampled :

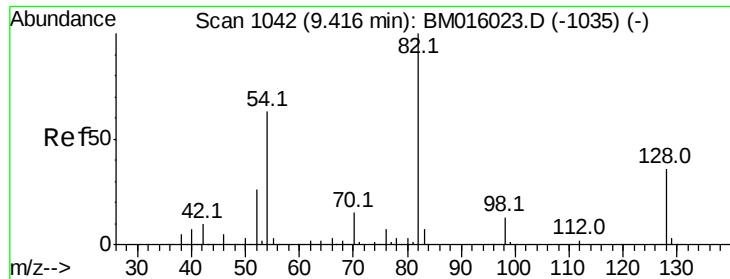
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 266736   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.7  | 8.7 13.1 |
| 54          | 9.5   | 4.6 6.8# |
| 68          | 4.9   | 3.7 5.5  |



#22  
Acetophenone  
Concen: 38.355 ng  
RT: 9.05 min Scan# 980  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 257611     |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 0.4   | 0.6 1.0#   |
| 51          | 40.9  | 21.6 32.4# |
| 120         | 21.0  | 16.1 24.1  |

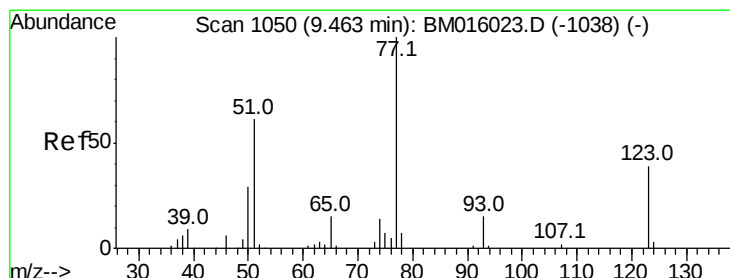
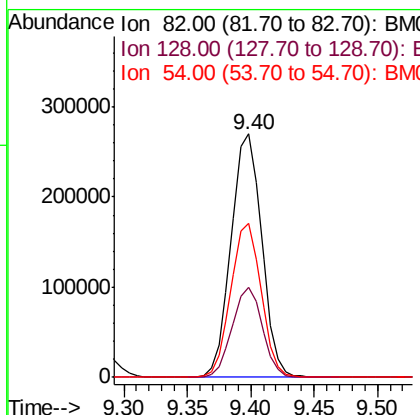
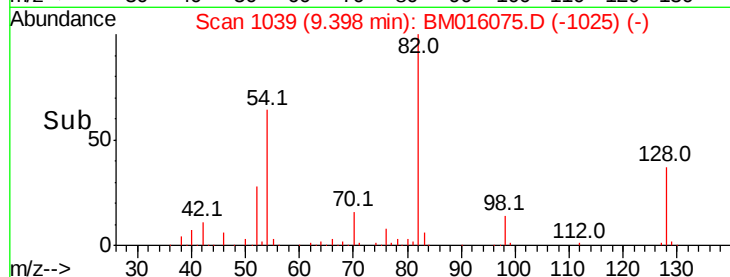
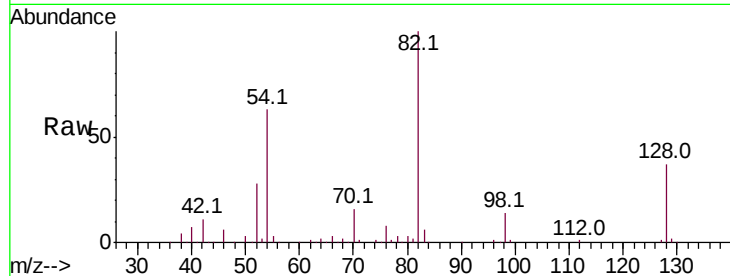




#23  
 Nitrobenzene-d5  
 Concen: 38.355 ng  
 RT: 9.40 min Scan# 1039  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

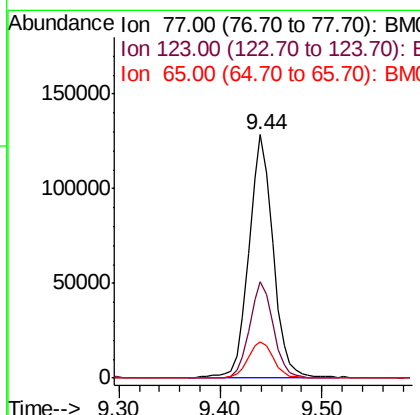
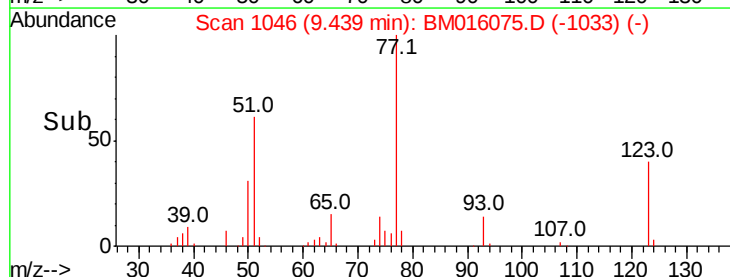
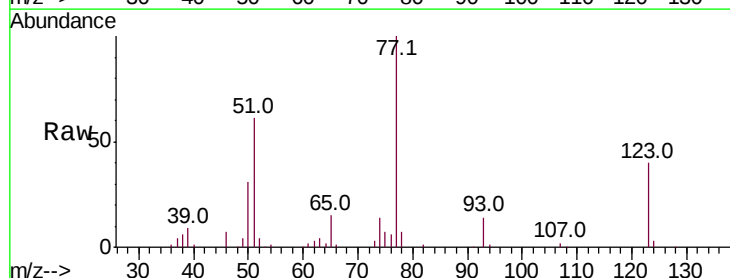
Instrument :  
 BNA\_M  
 ClientSampleId :

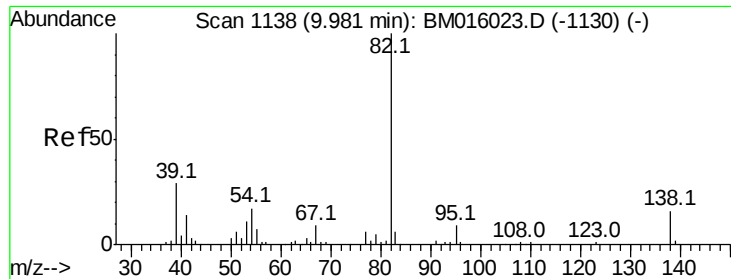
Tot Ion: 82 Resp: 452735  
 Ion Ratio Lower Upper  
 82 100  
 128 37.2 32.8 49.2  
 54 63.4 40.6 60.8#



#24  
 Nitrobenzene  
 Concen: 37.008 ng  
 RT: 9.44 min Scan# 1046  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Tgt Ion: 77 Resp: 213632  
 Ion Ratio Lower Upper  
 77 100  
 123 39.5 32.6 49.0  
 65 15.1 10.9 16.3





#25

Isophorone

Concen: 42.736 ng

RT: 9.96 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampled :

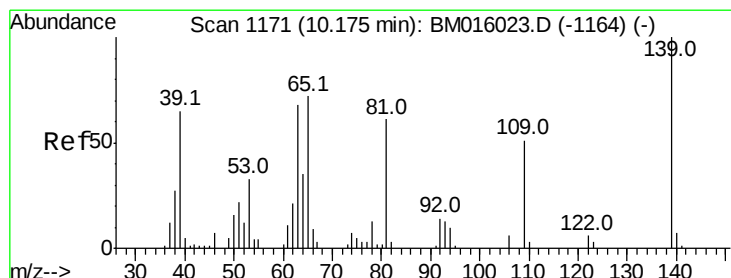
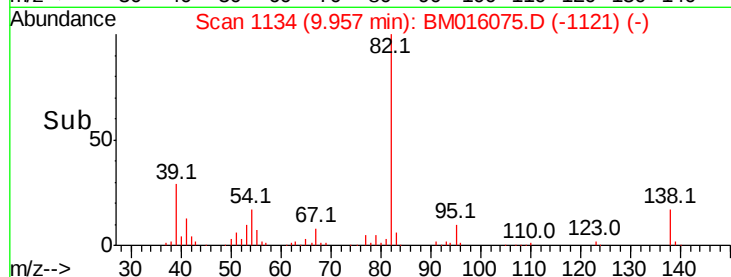
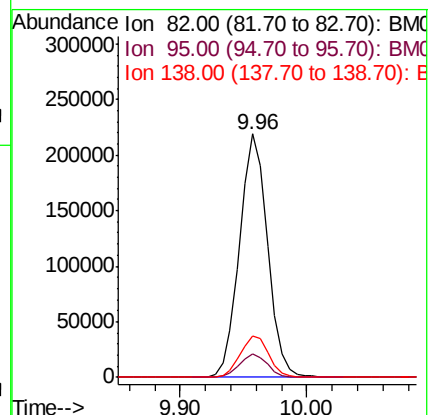
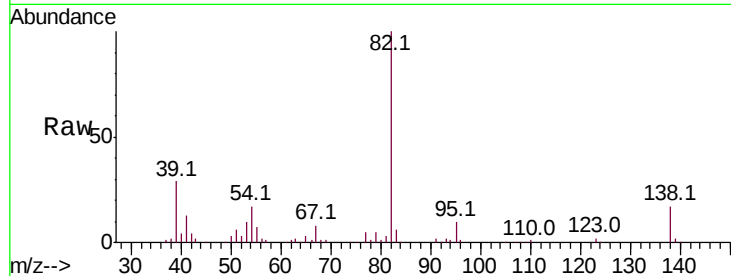
Tot Ion: 82 Resp: 335242

Ion Ratio Lower Upper

82 100

95 9.9 5.8 8.6#

138 17.0 16.3 24.5



#26

2-Nitrophenol

Concen: 40.936 ng

RT: 10.15 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

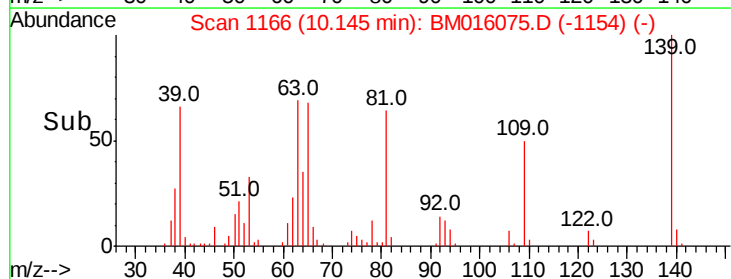
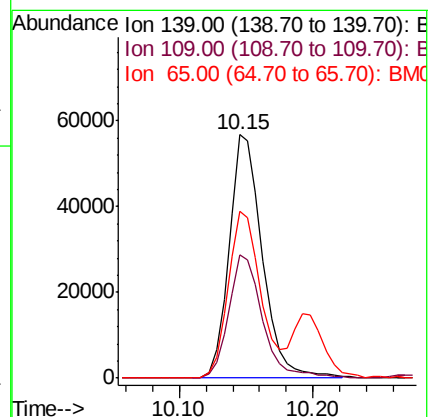
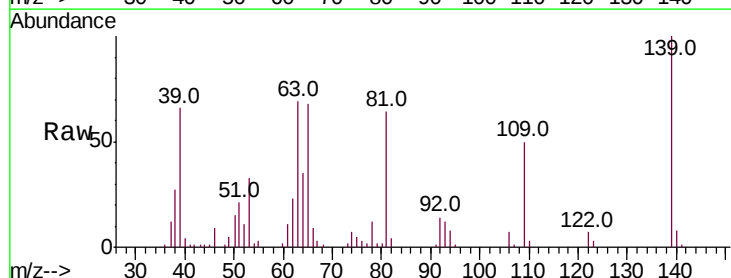
Tgt Ion: 139 Resp: 98645

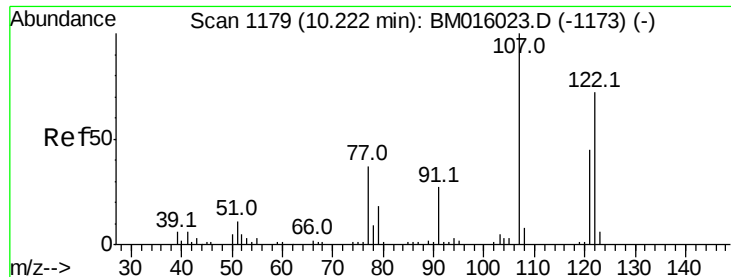
Ion Ratio Lower Upper

139 100

109 50.5 20.1 30.1#

65 68.3 31.5 47.3#

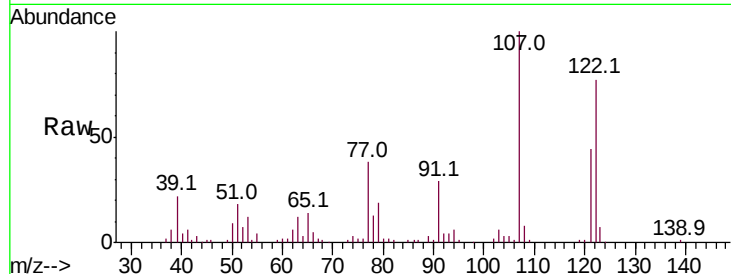




#27  
 2,4-Dimethylphenol  
 Concen: 40.485 ng  
 RT: 10.20 min Scan# 1175  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Instrument :  
 BNA\_M  
 ClientSampleID :

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 129.1 | 84.7  | 127.1# |
| 121     | 56.9  | 46.6  | 69.8   |

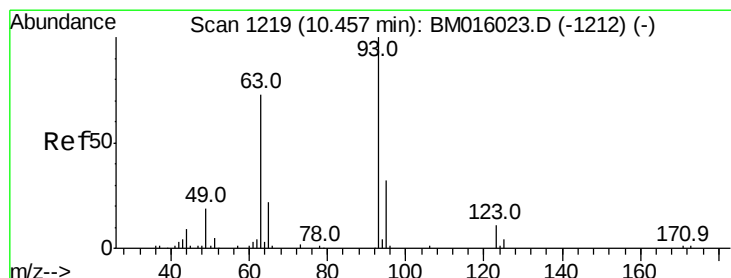
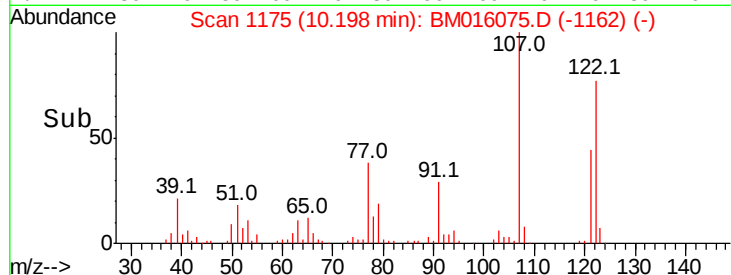
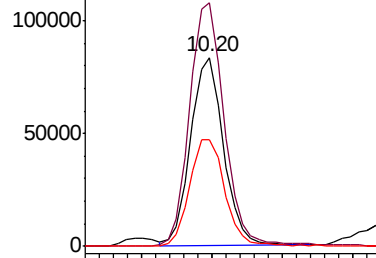


Abundance

Ion 122.00 (121.70 to 122.70): E

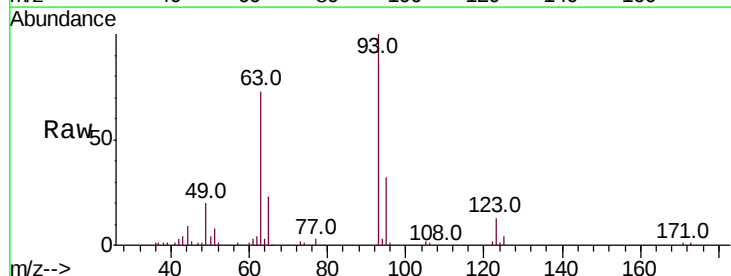
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.725 ng  
 RT: 10.43 min Scan# 1215  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.4  | 25.5  | 38.3  |
| 123     | 12.5  | 8.6   | 13.0  |

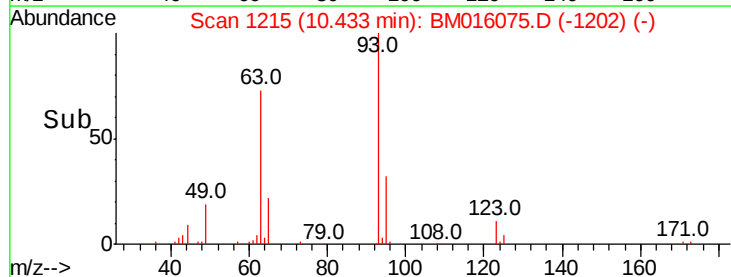
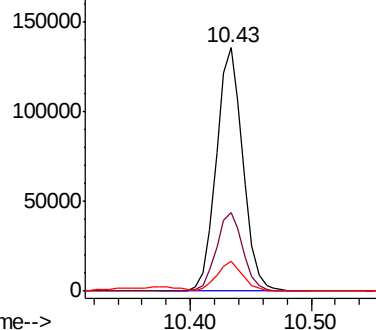


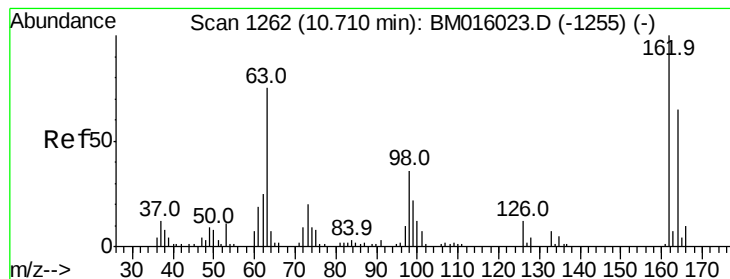
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.165 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.03 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampleId :

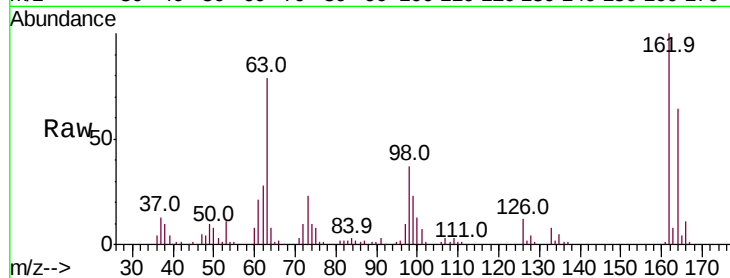
Tot Ion:162 Resp: 164224

Ion Ratio Lower Upper

162 100

164 63.9 42.8 82.8

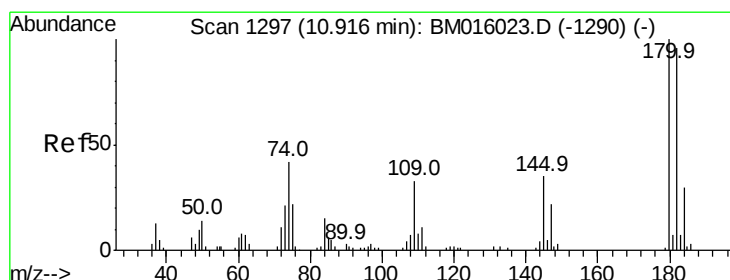
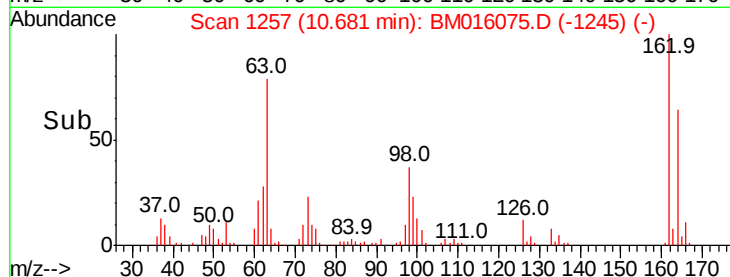
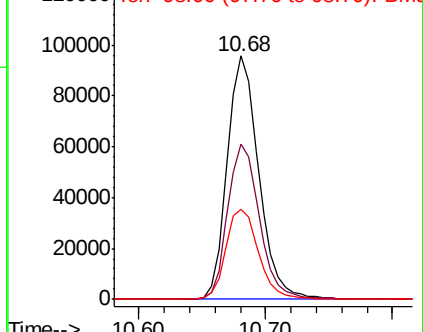
98 36.8 14.5 54.5



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: 37.079 ng

RT: 10.89 min Scan# 1292

Delta R.T. -0.03 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

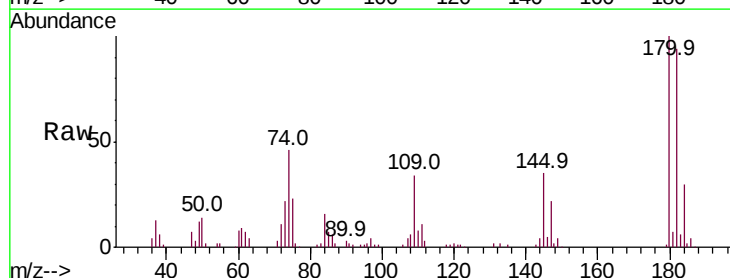
Tgt Ion:180 Resp: 179726

Ion Ratio Lower Upper

180 100

182 94.1 77.6 116.4

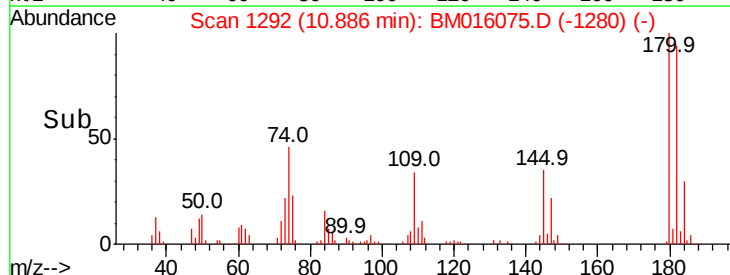
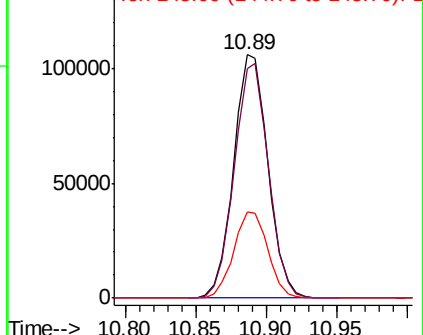
145 35.3 23.4 35.2#

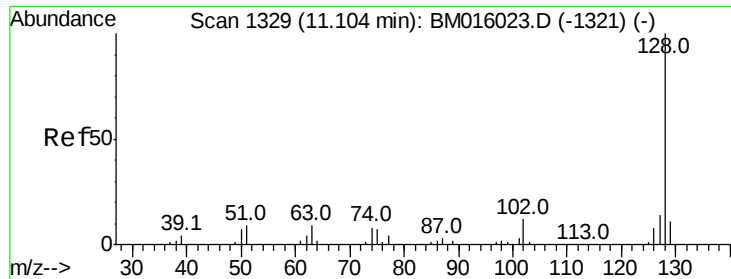


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

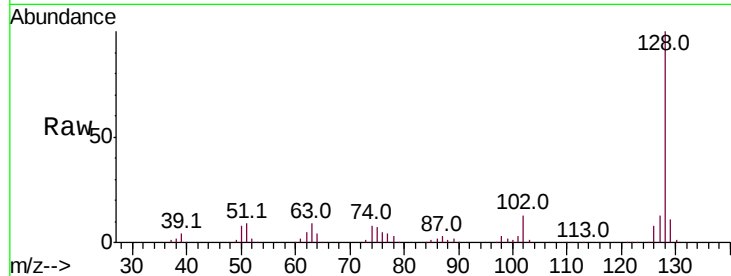




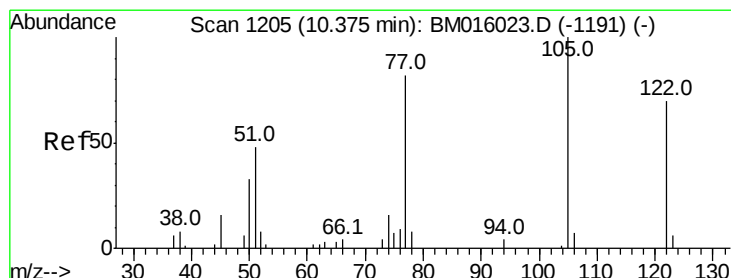
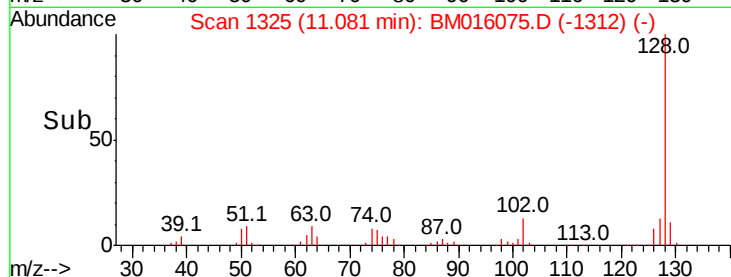
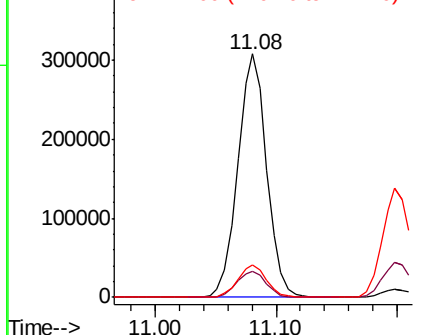
#31  
Naphthalene  
Concen: 37.789 ng  
RT: 11.08 min Scan# 1325  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:128 Resp: 510143  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 13.1 10.4 15.6

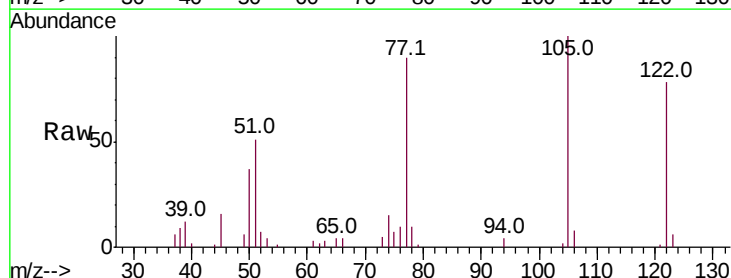


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

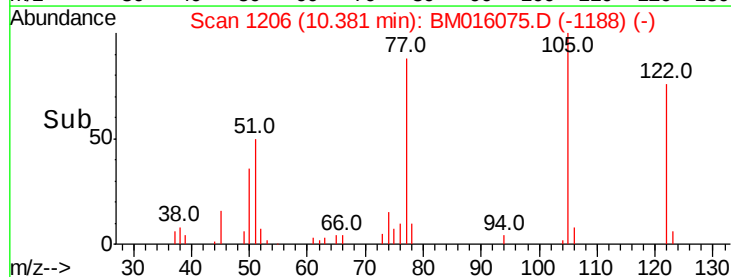
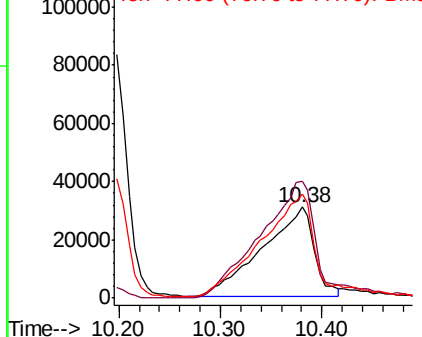


#32  
Benzoic acid  
Concen: 42.341 ng  
RT: 10.38 min Scan# 1206  
Delta R.T. 0.01 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:122 Resp: 108361  
Ion Ratio Lower Upper  
122 100  
105 128.0 99.9 139.9  
77 114.9 73.7 113.7#



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

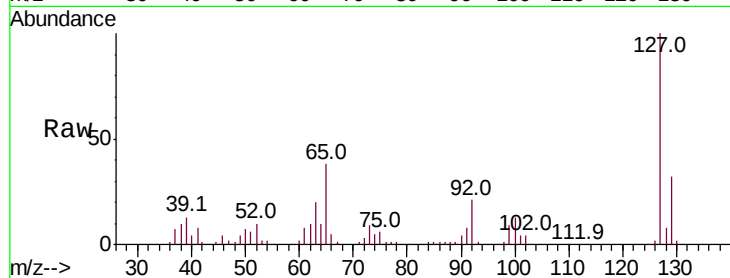




#33  
4-Chloroaniline  
Concen: 41.888 ng  
RT: 11.20 min Scan# 1345  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 230758 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 25.3  | 37.9   |
| 65       | 38.4  | 17.6  | 26.4   |
| 92       | 20.7  | 13.1  | 19.7   |



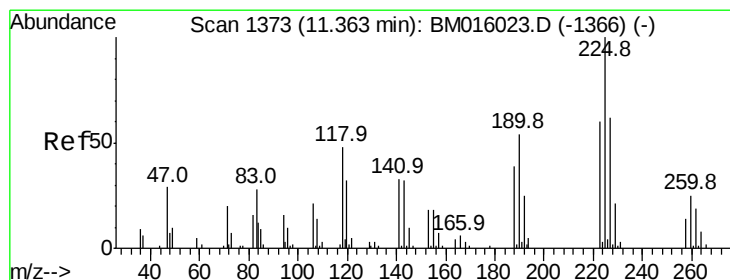
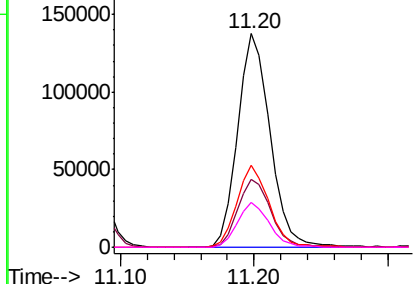
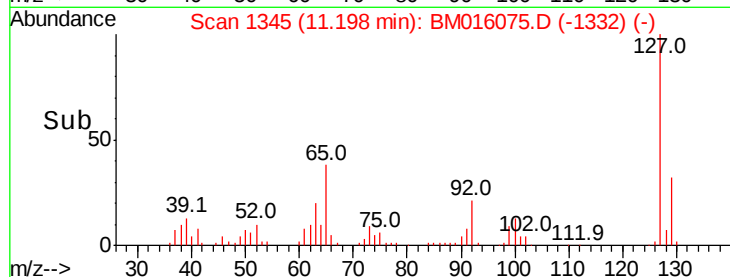
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

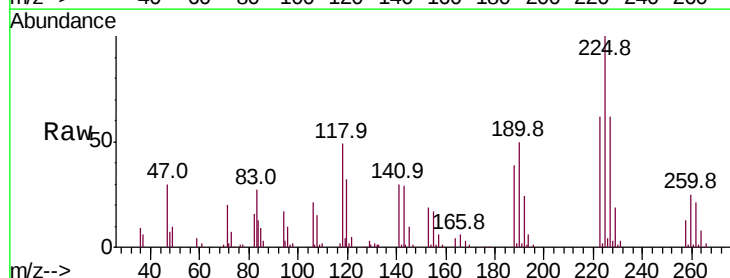
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34  
Hexachlorobutadiene  
Concen: 38.111 ng  
RT: 11.34 min Scan# 1369  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 128138 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.2  | 47.9  | 71.9   |
| 227      | 62.2  | 50.1  | 75.1   |

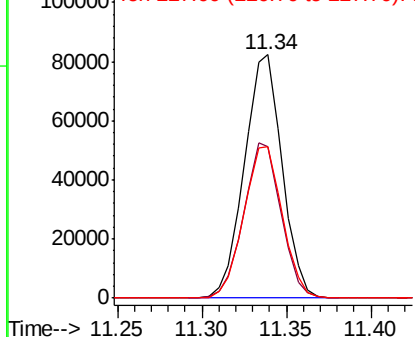
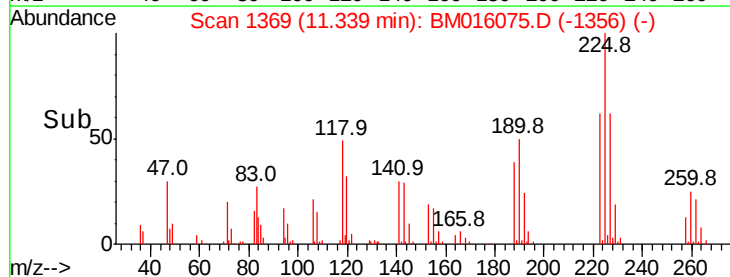


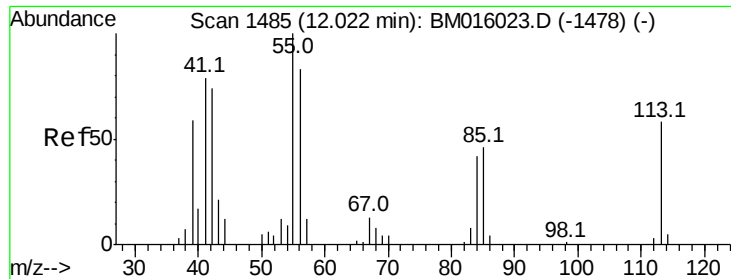
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 44.178 ng

RT: 12.02 min Scan# 1485

Delta R.T. -0.00 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampled :

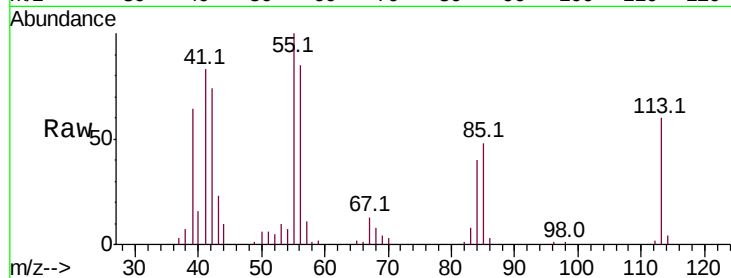
Tot Ion:113 Resp: 48814

Ion Ratio Lower Upper

113 100

55 167.3 145.9 185.9

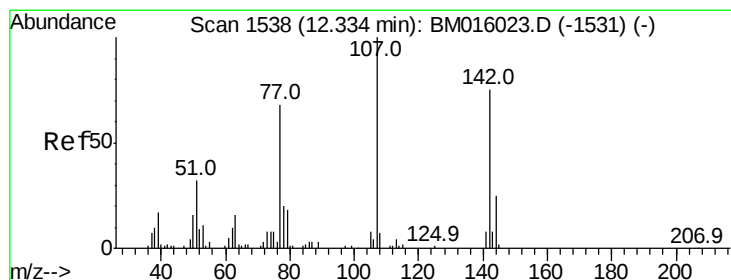
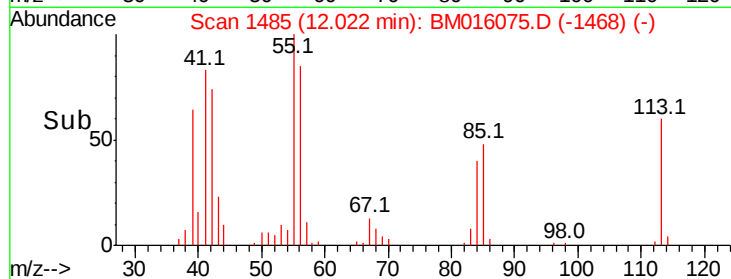
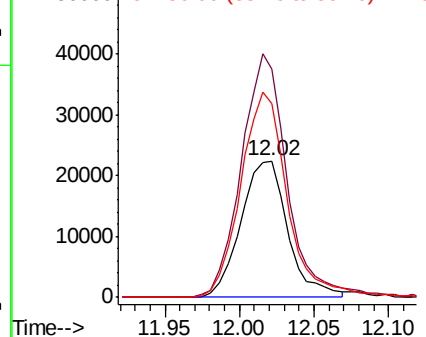
56 141.8 101.0 141.0#



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: 43.701 ng

RT: 12.31 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

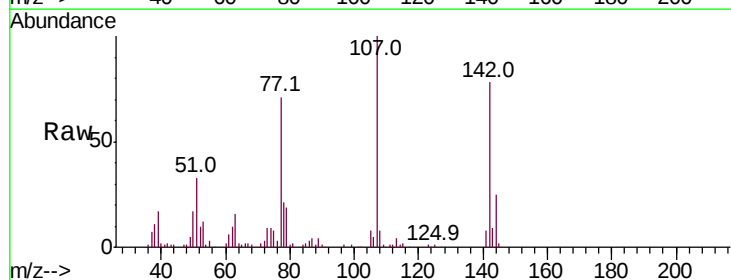
Tgt Ion:107 Resp: 191753

Ion Ratio Lower Upper

107 100

144 24.5 23.3 34.9

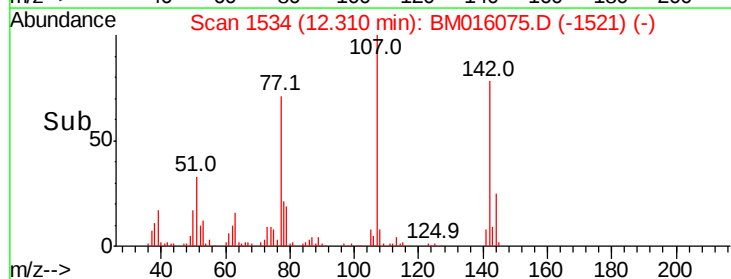
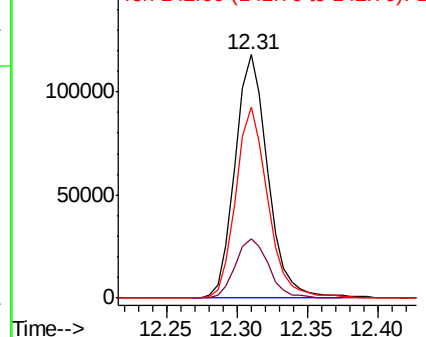
142 78.3 72.6 109.0

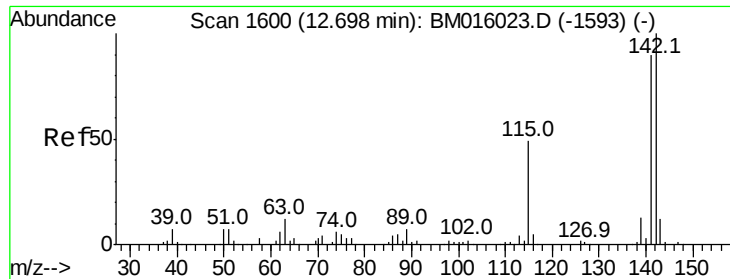


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

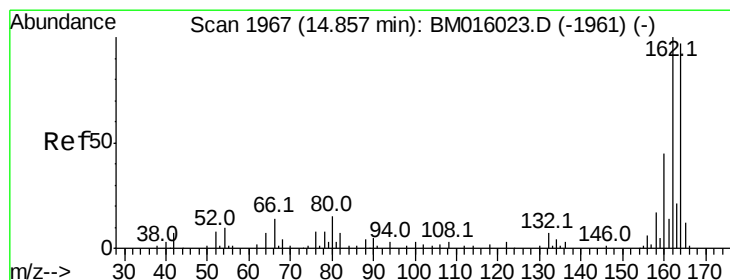
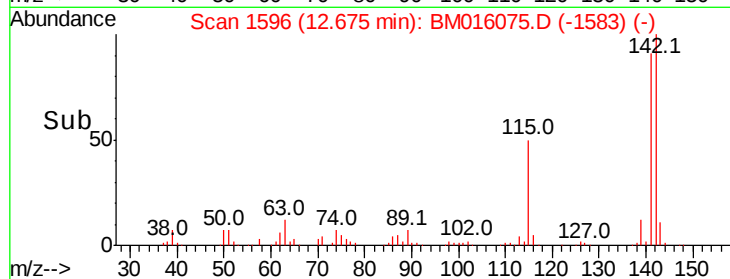
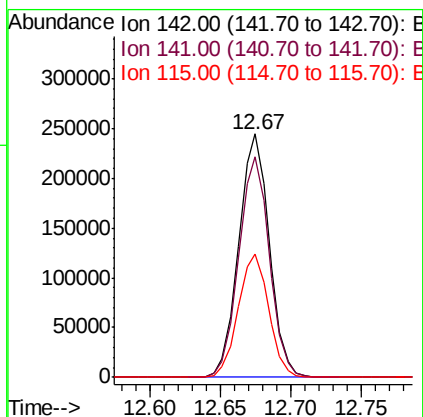
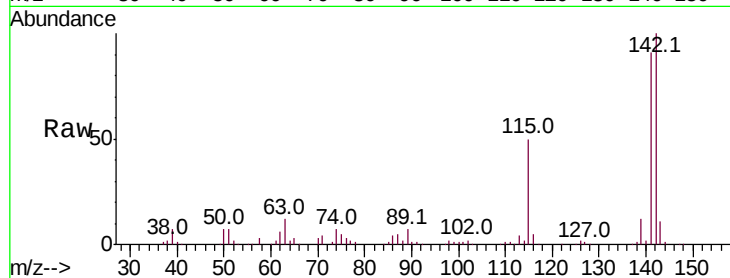




#37  
 2-Methylnaphthalene  
 Concen: 40.903 ng  
 RT: 12.67 min Scan# 1596  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

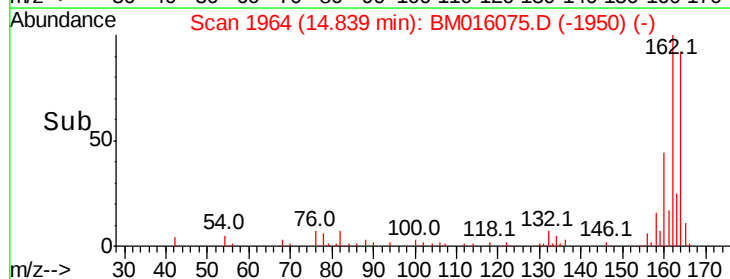
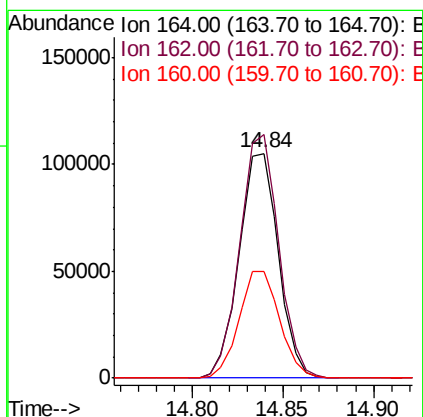
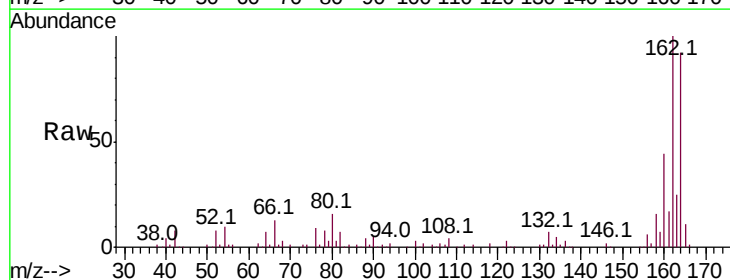
Instrument :  
 BNA\_M  
 ClientSampleId :

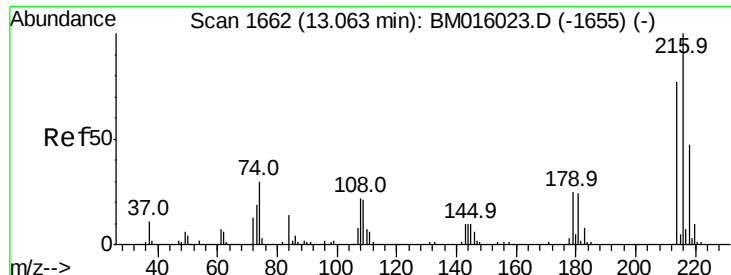
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.8  | 71.9  | 107.9 |
| 115     | 50.5  | 25.4  | 38.0  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.84 min Scan# 1964  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 108.4 | 82.4  | 123.6 |
| 160     | 47.5  | 35.8  | 53.6  |

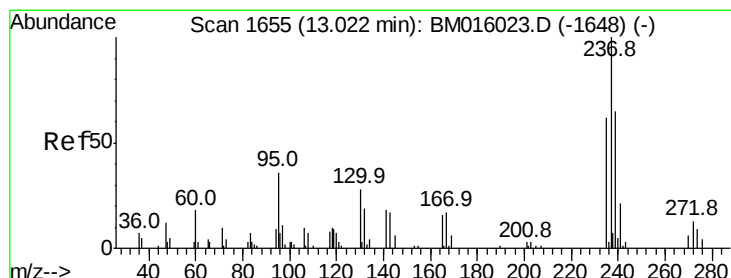
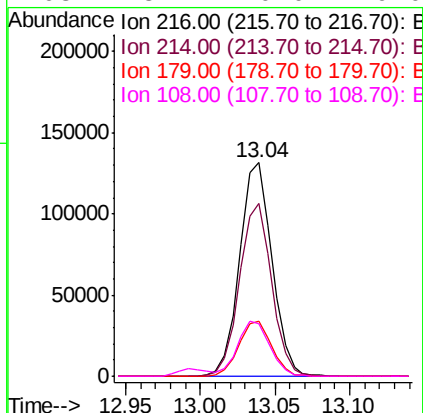
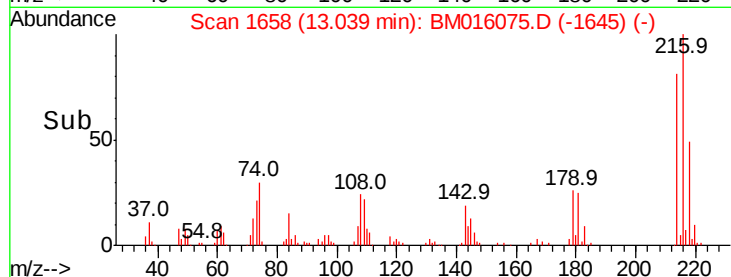
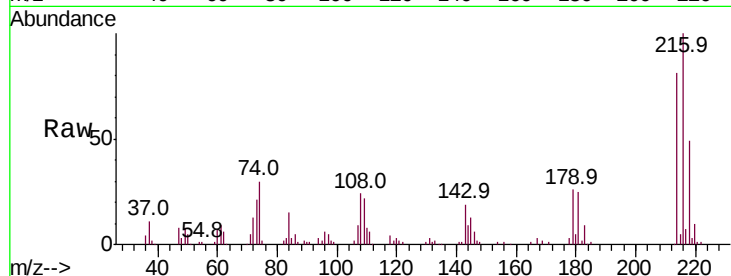




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.539 ng  
 RT: 13.04 min Scan# 1658  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

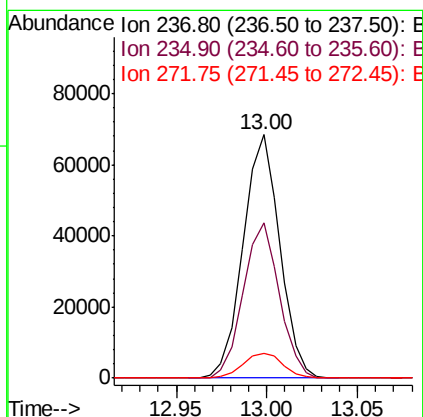
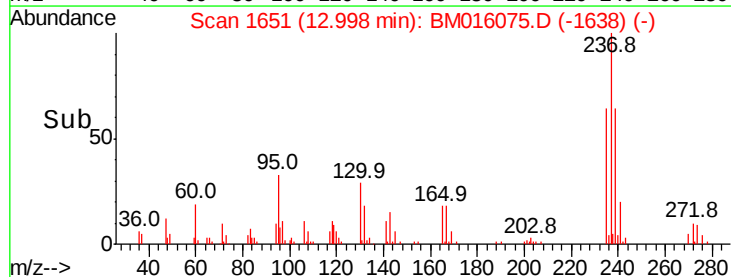
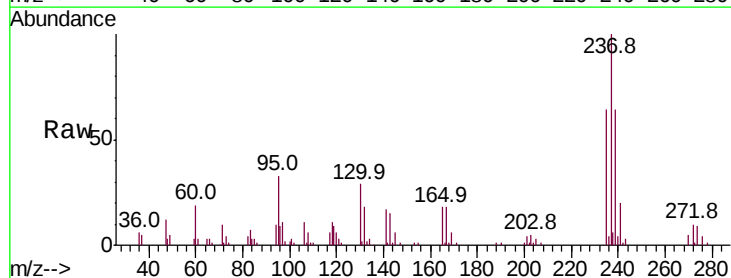
Instrument :  
 BNA\_M  
 ClientSampleId :

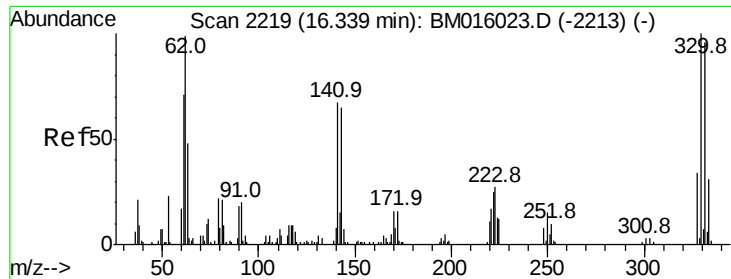
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 197303 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.2  | 0.0   | 0.0#   |
| 179      | 26.1  | 0.0   | 0.0#   |
| 108      | 25.7  | 0.0   | 0.0#   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 40.421 ng  
 RT: 13.00 min Scan# 1651  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 96009 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.6  | 42.0  | 82.0  |
| 272      | 10.2  | 0.0   | 33.4  |

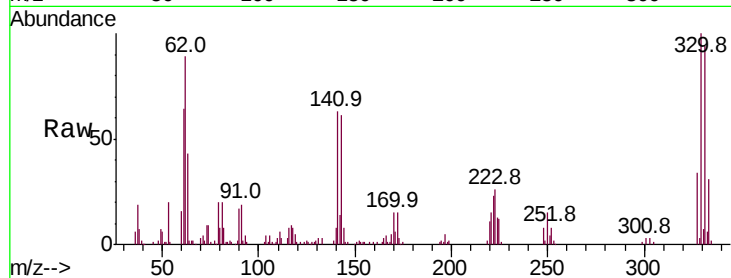




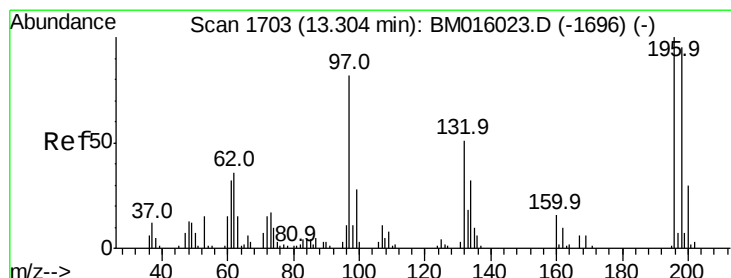
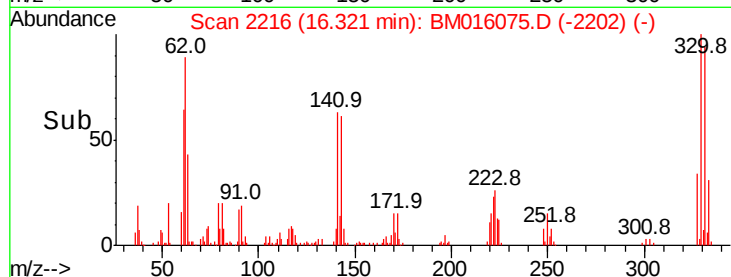
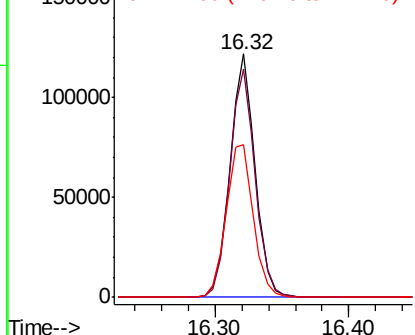
#41  
 2,4,6-Tribromophenol  
 Concen: 40.421 ng  
 RT: 16.32 min Scan# 2216  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:330 Resp: 159519  
 Ion Ratio Lower Upper  
 330 100  
 332 95.6 0.0 0.0#  
 141 68.5 0.0 0.0#

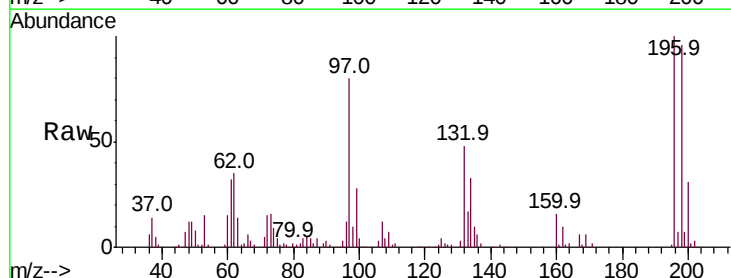


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

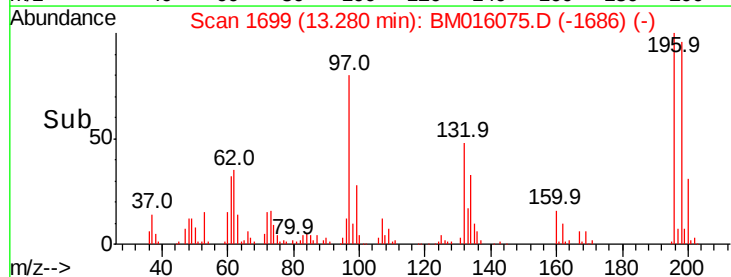
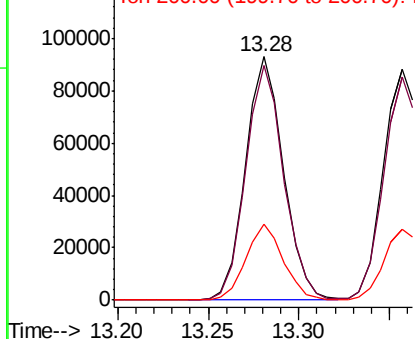


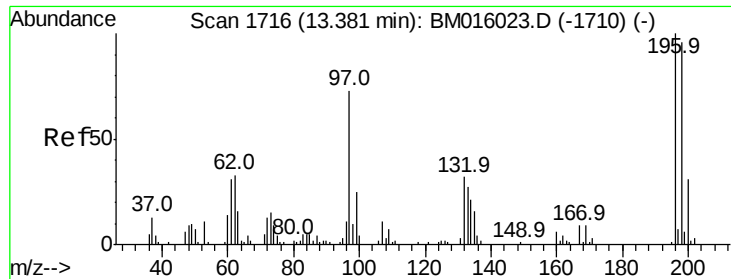
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.096 ng  
 RT: 13.28 min Scan# 1699  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Tgt Ion:196 Resp: 135462  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 76.3 114.5  
 200 31.4 25.6 38.4



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

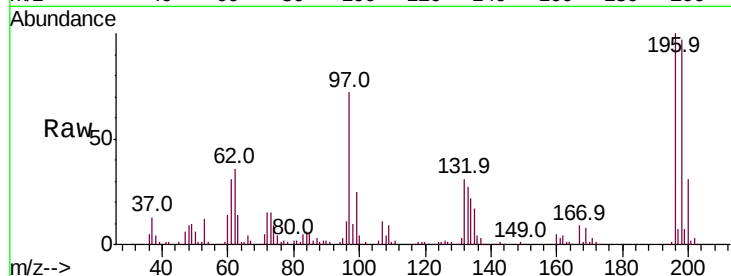




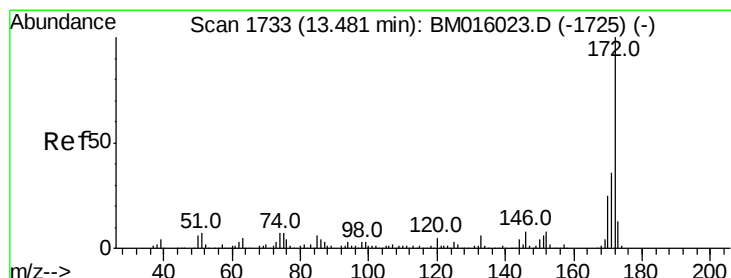
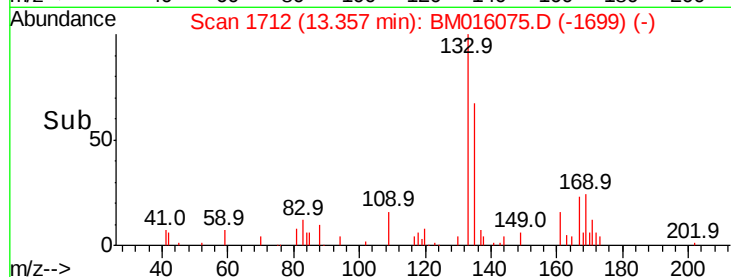
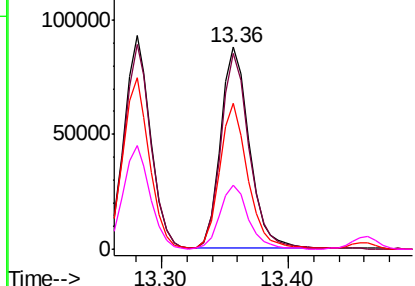
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.625 ng  
 RT: 13.36 min Scan# 1712  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:196 Resp: 138084  
 Ion Ratio Lower Upper  
 196 100  
 198 96.9 79.4 119.0  
 97 72.0 26.8 40.2#  
 132 31.4 18.6 28.0#

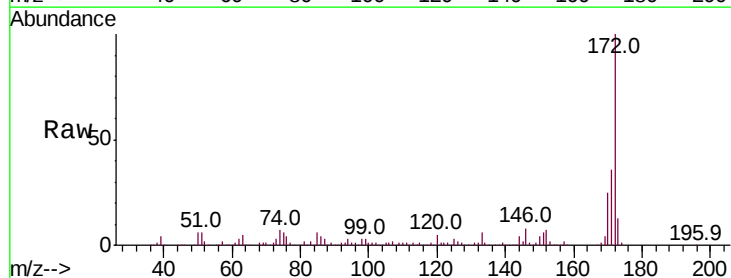


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BM0  
 Ion 132.00 (131.70 to 132.70): E

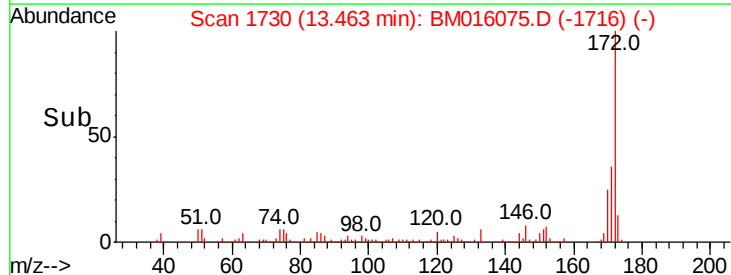
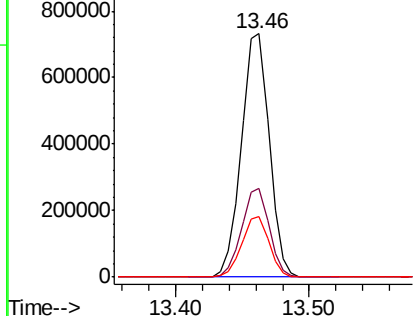


#44  
 2-Fluorobiphenyl  
 Concen: 39.625 ng  
 RT: 13.46 min Scan# 1730  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Tgt Ion:172 Resp: 1052823  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.5 42.7  
 170 24.7 18.8 28.2



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

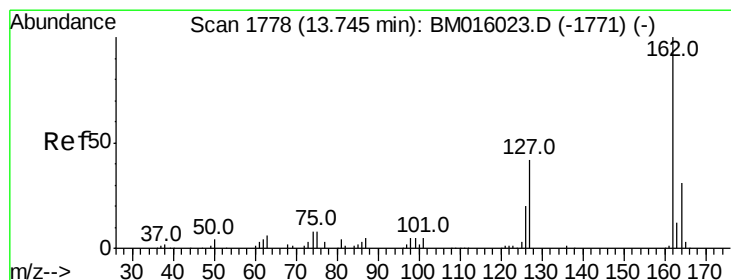
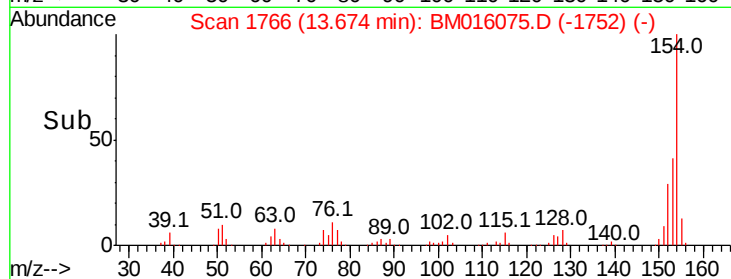
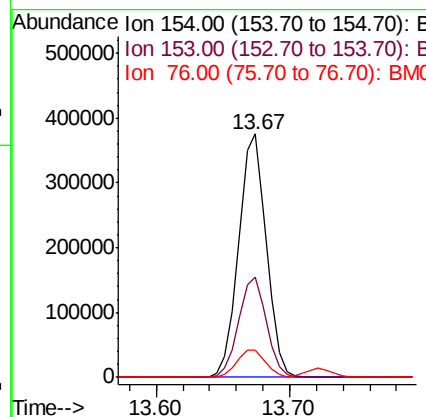
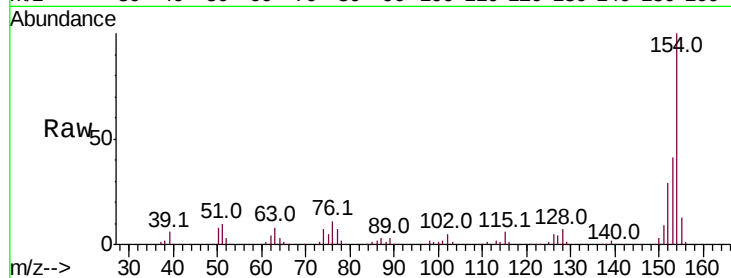




#45  
 1,1'-Biphenyl  
 Concen: 37.698 ng  
 RT: 13.67 min Scan# 1766  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

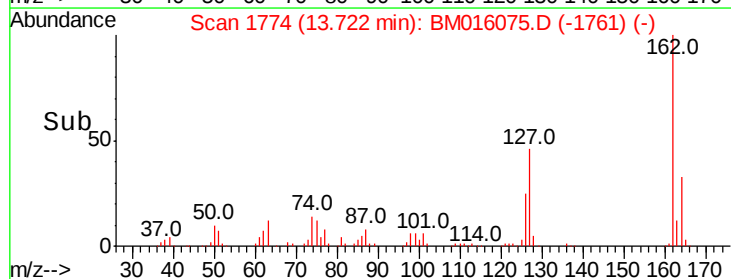
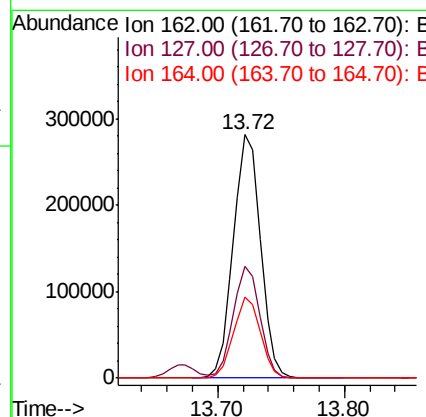
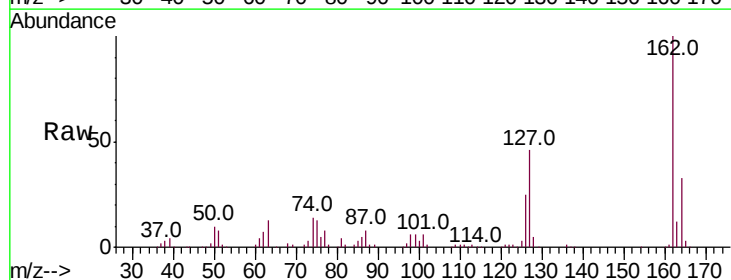
Instrument :  
 BNA\_M  
 ClientSampleId :

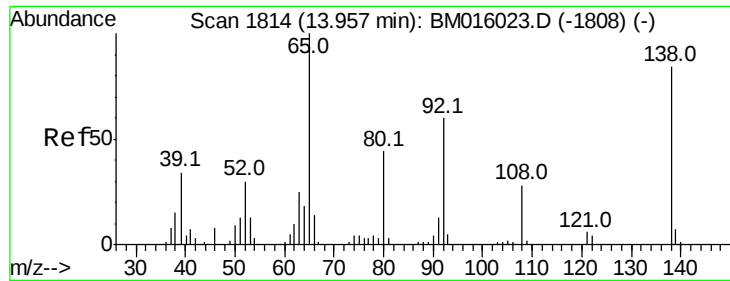
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.3  | 20.7  | 60.7  |
| 76      | 11.5  | 0.0   | 30.9  |



#46  
 2-Chloronaphthalene  
 Concen: 37.500 ng  
 RT: 13.72 min Scan# 1774  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 45.7  | 26.9  | 40.3# |
| 164     | 33.1  | 26.8  | 40.2  |





#47

2-Nitroaniline

Concen: 40.201 ng

RT: 13.94 min Scan# 1811

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampled :

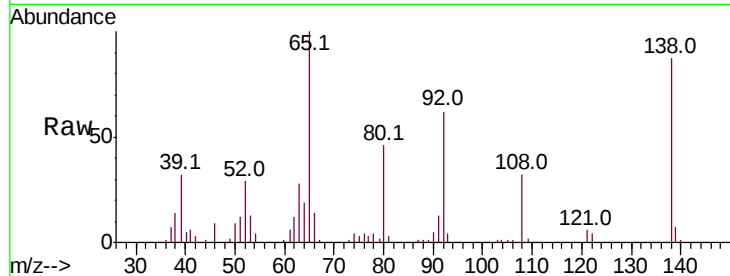
Tot Ion: 65 Resp: 147968

Ion Ratio Lower Upper

65 100

92 62.0 59.1 88.7

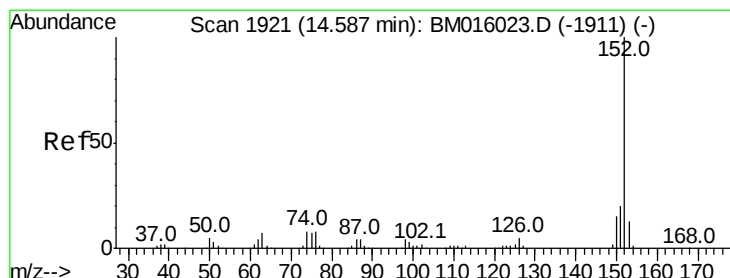
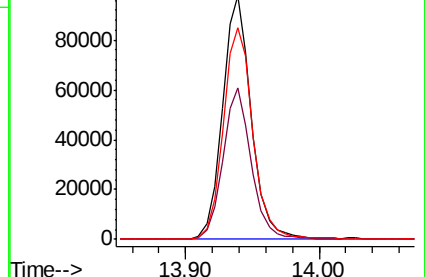
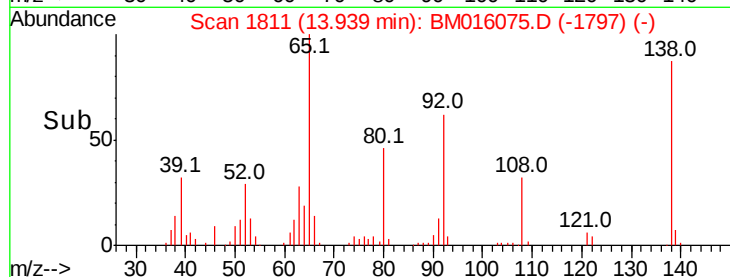
138 86.9 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM016075.D (-1797) (-)

Ion 92.00 (91.70 to 92.70): BM016075.D (-1797) (-)

Ion 138.00 (137.70 to 138.70): BM016075.D (-1797) (-)



#48

Acenaphthylene

Concen: 39.054 ng

RT: 14.56 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

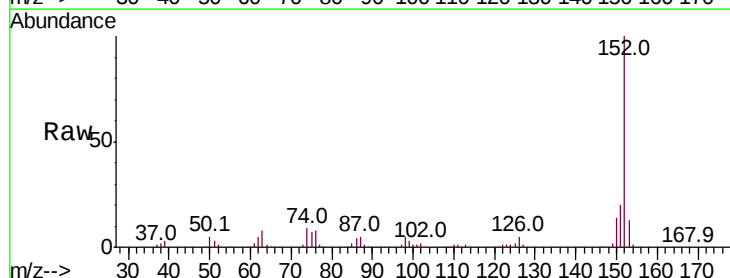
Tgt Ion: 152 Resp: 636508

Ion Ratio Lower Upper

152 100

151 20.3 15.9 23.9

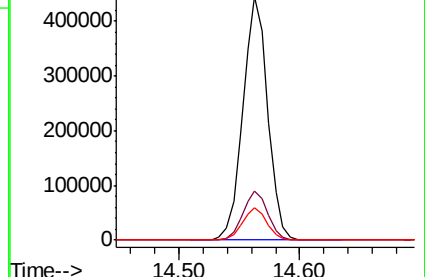
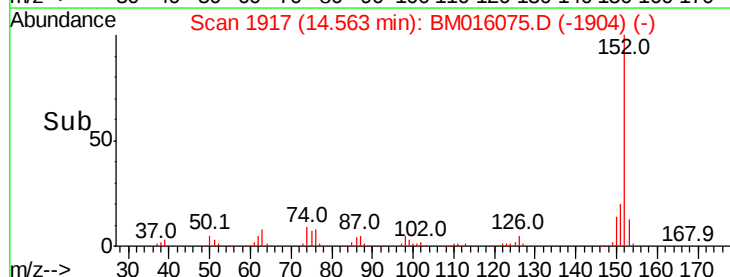
153 13.1 10.6 16.0

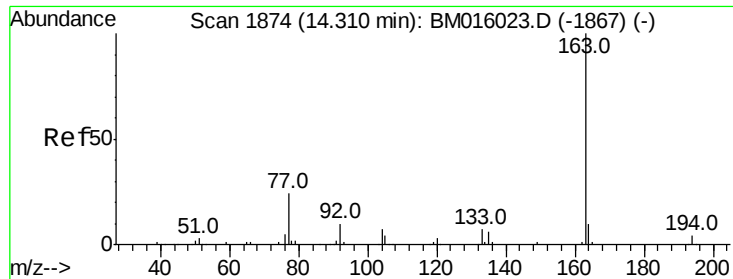


Abundance Ion 152.00 (151.70 to 152.70): BM016075.D (-1904) (-)

Ion 151.00 (150.70 to 151.70): BM016075.D (-1904) (-)

Ion 153.00 (152.70 to 153.70): BM016075.D (-1904) (-)

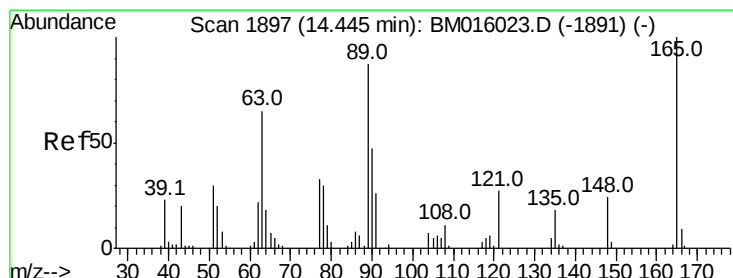
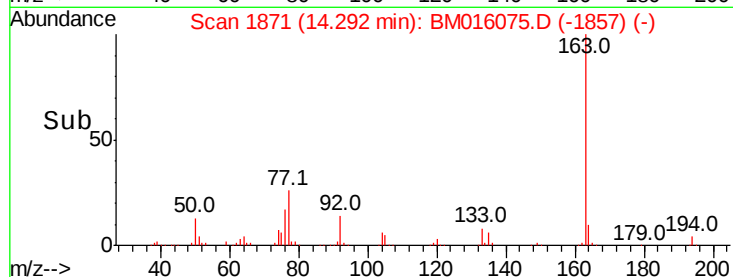
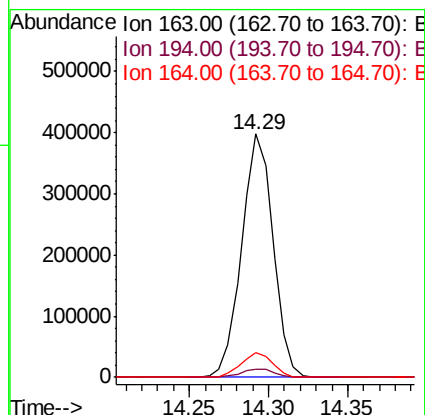
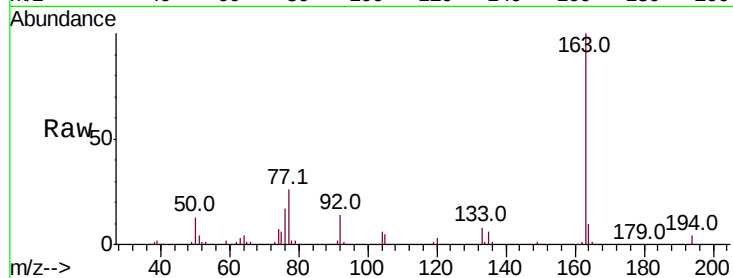




#49  
Dimethylphthalate  
Concen: 39.328 ng  
RT: 14.29 min Scan# 1871  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

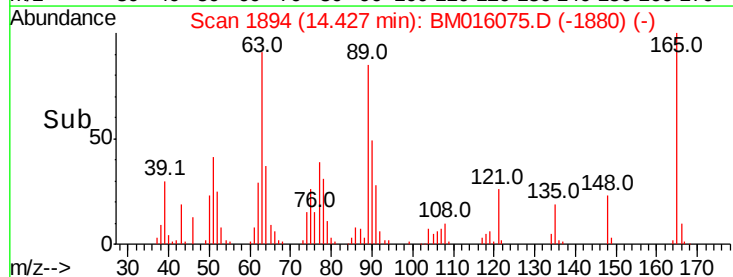
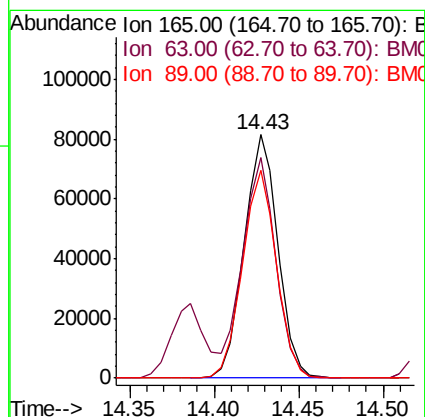
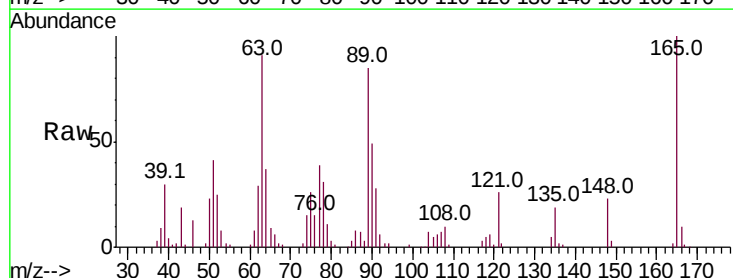
Instrument :  
BNA\_M  
ClientSampleId :

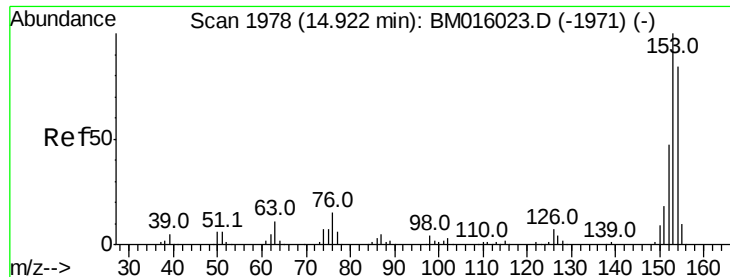
Tot Ion:163 Resp: 545902  
Ion Ratio Lower Upper  
163 100  
194 3.5 2.7 4.1  
164 10.0 8.2 12.2



#50  
2,6-Dinitrotoluene  
Concen: 40.641 ng  
RT: 14.43 min Scan# 1894  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:165 Resp: 113504  
Ion Ratio Lower Upper  
165 100  
63 90.8 44.1 66.1#  
89 85.2 44.3 66.5#





#51

Acenaphthene

Concen: 38.192 ng

RT: 14.90 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

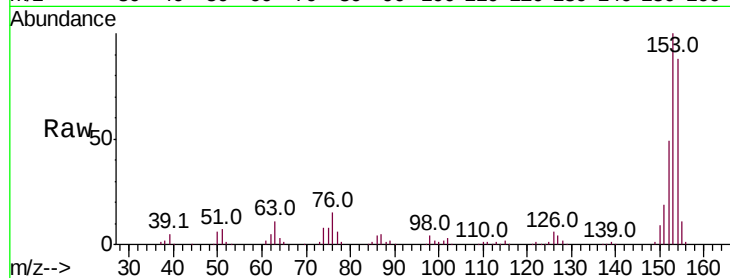
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:154 Resp: 382820

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 113.0 | 90.0  | 135.0 |
| 152 | 54.9  | 42.6  | 63.8  |

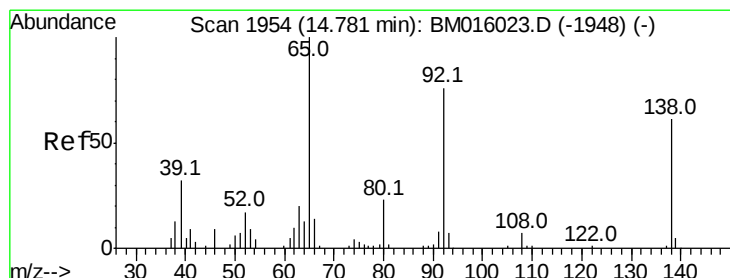
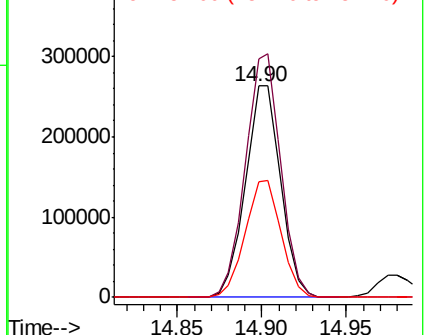
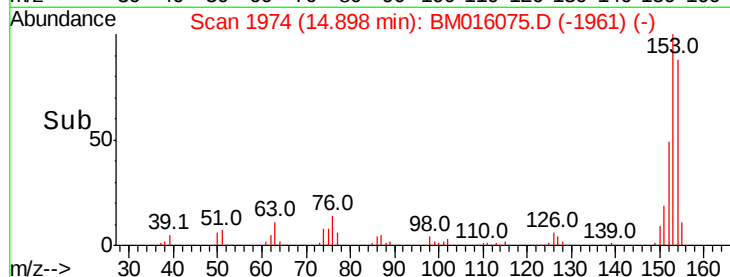


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.516 ng

RT: 14.76 min Scan# 1951

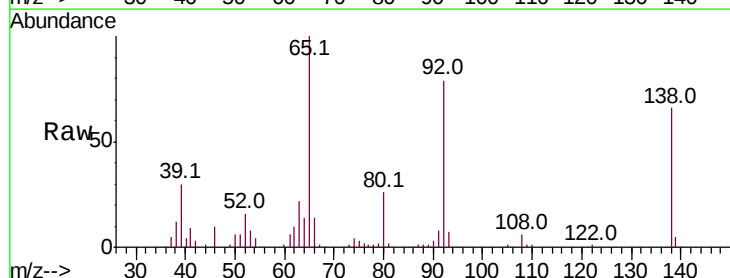
Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Tgt Ion:138 Resp: 119204

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 9.8   | 7.3   | 10.9  |
| 92  | 119.9 | 76.6  | 114.8 |

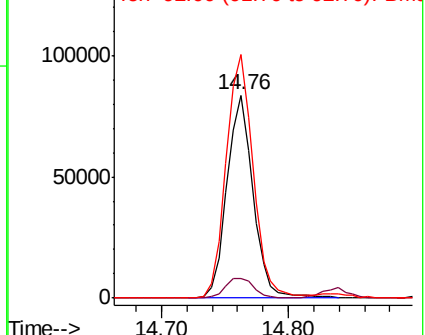
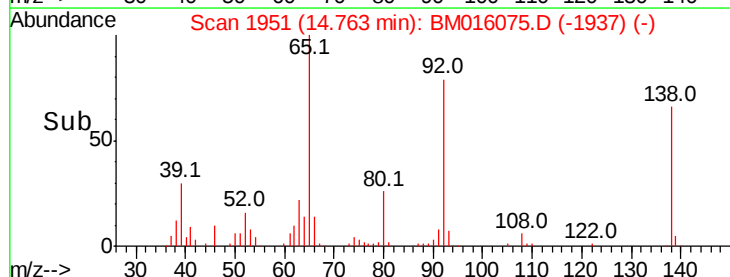


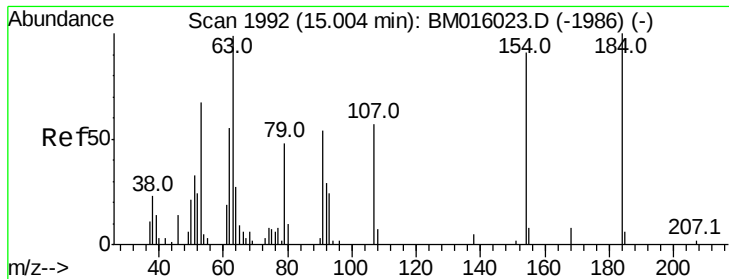
Abundance

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

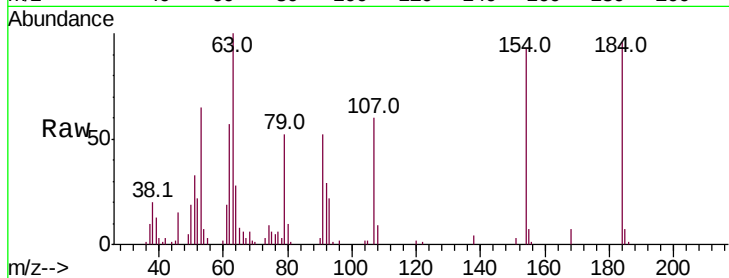




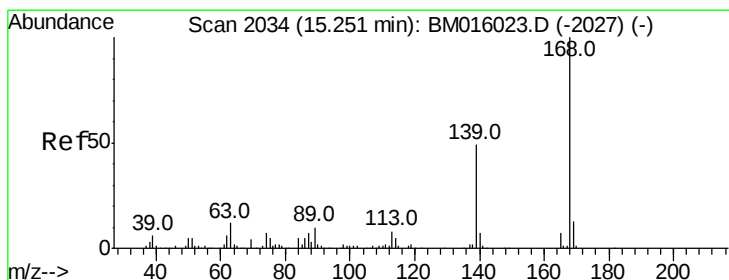
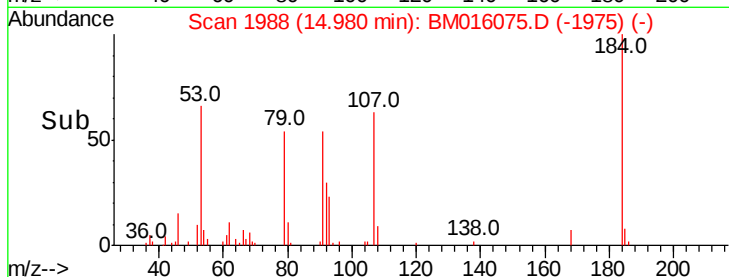
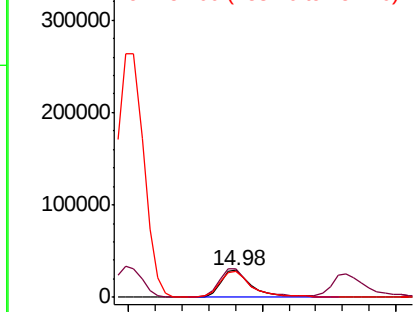
#53  
2,4-Dinitrophenol  
Concen: 43.994 ng  
RT: 14.98 min Scan# 1988  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:184 Resp: 49183  
Ion Ratio Lower Upper  
184 100  
63 104.2 69.2 103.8#  
154 96.8 53.3 79.9#

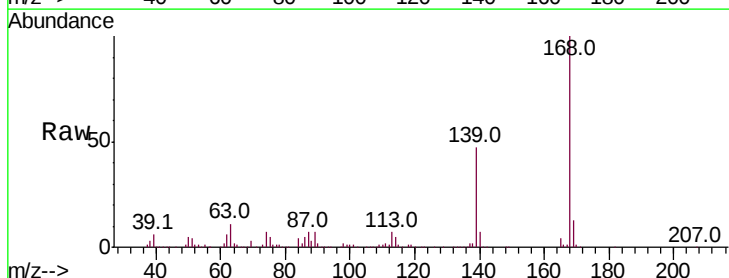


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 154.00 (153.70 to 154.70): E

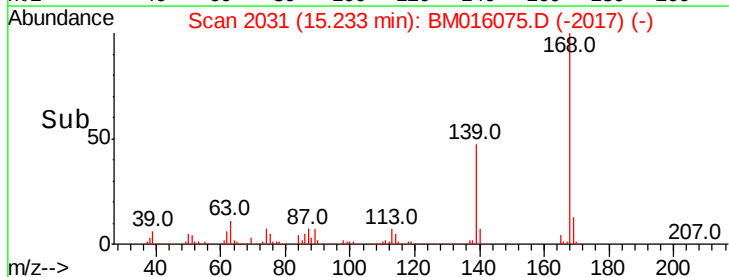
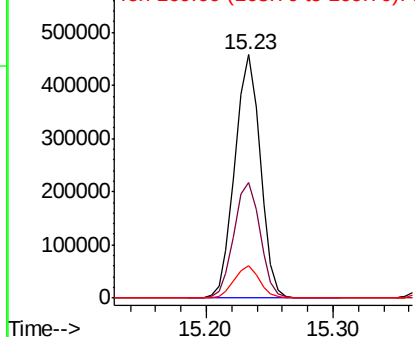


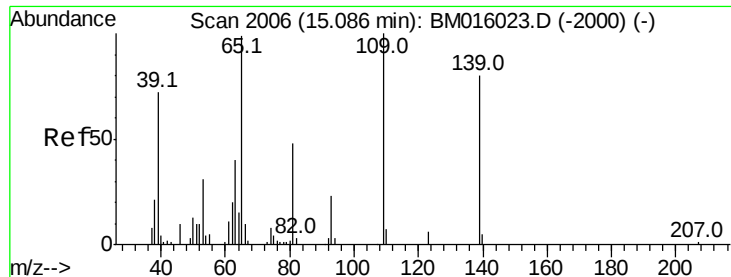
#54  
Dibenzofuran  
Concen: 38.518 ng  
RT: 15.23 min Scan# 2031  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:168 Resp: 636227  
Ion Ratio Lower Upper  
168 100  
139 47.4 27.3 40.9#  
169 13.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 39.933 ng

RT: 15.06 min Scan# 2002

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampleId :

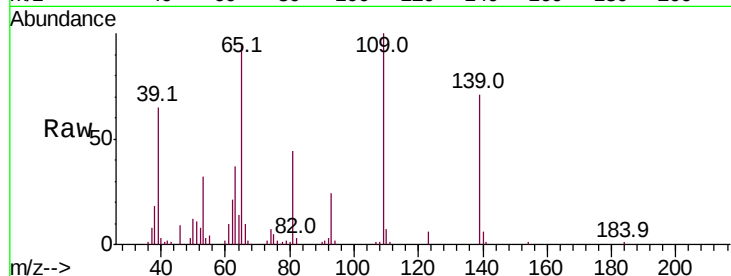
Tot Ion:139 Resp: 86355

Ion Ratio Lower Upper

139 100

109 140.9 130.0 170.0

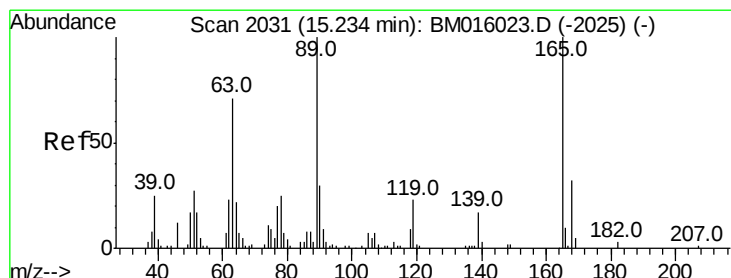
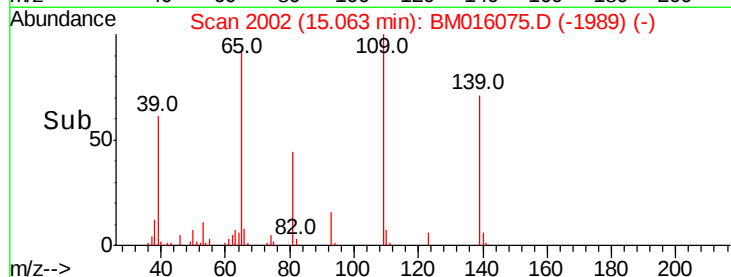
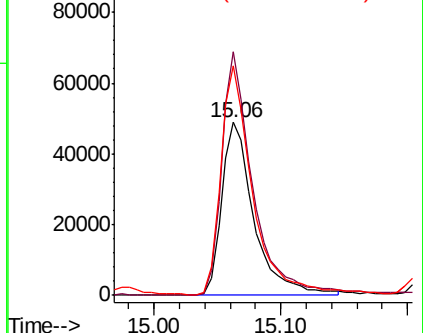
65 132.5 130.0 170.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 40.527 ng

RT: 15.22 min Scan# 2028

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Tgt Ion:165 Resp: 161839

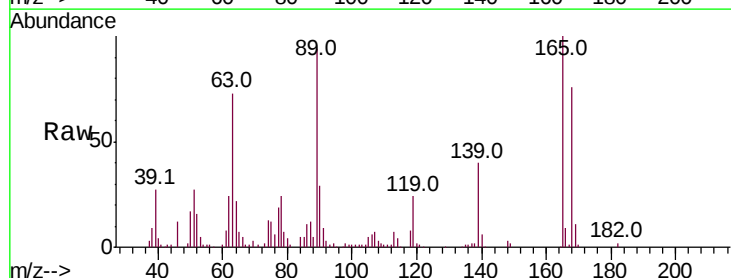
Ion Ratio Lower Upper

165 100

63 72.9 52.4 78.6

89 94.5 72.4 108.6

182 2.0 2.0 3.0

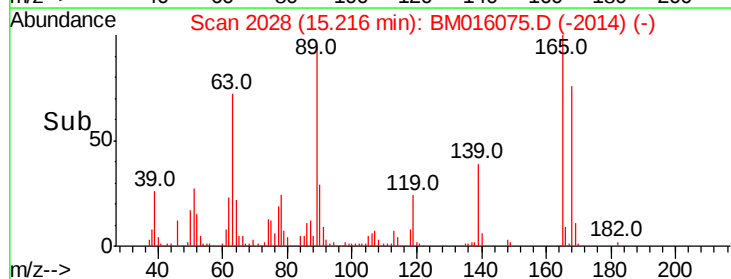
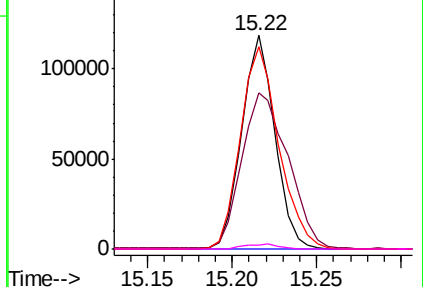


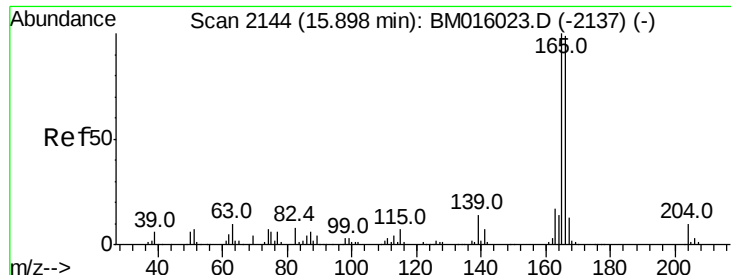
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

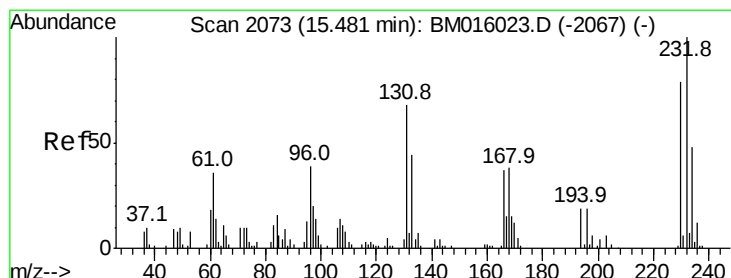
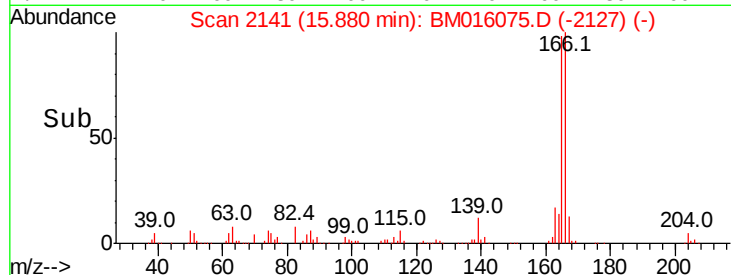
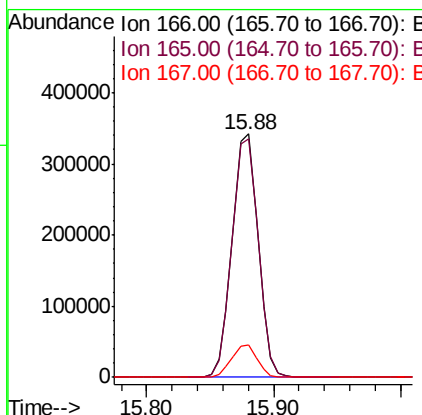
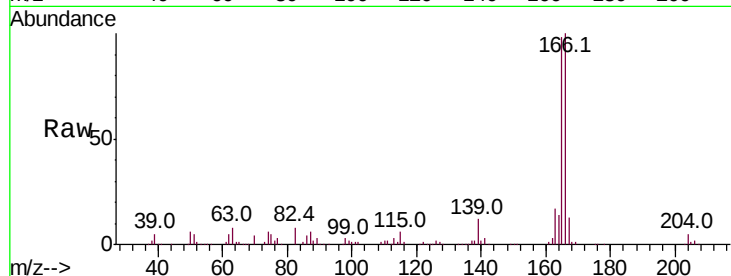




#57  
 Fluorene  
 Concen: 39.498 ng  
 RT: 15.88 min Scan# 2141  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

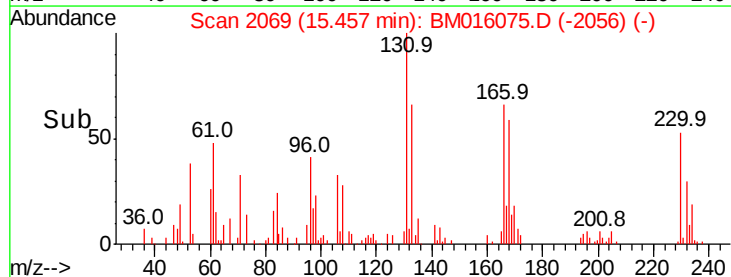
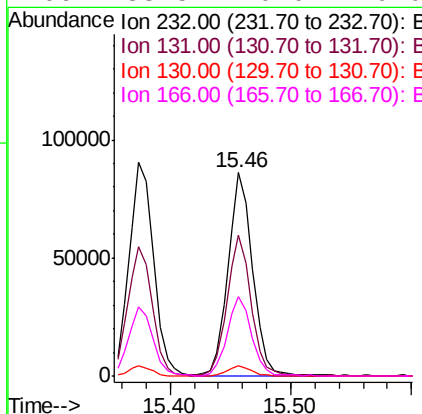
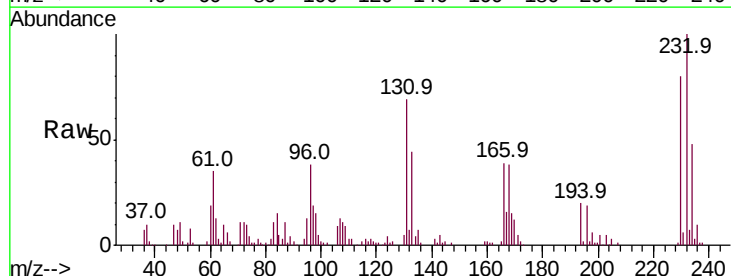
Instrument :  
 BNA\_M  
 ClientSampled :

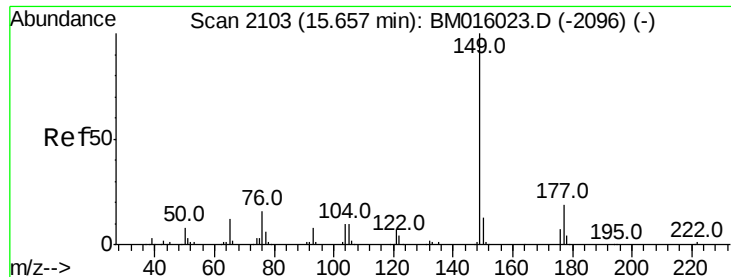
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.0  | 79.0  | 118.4 |
| 167     | 13.2  | 10.3  | 15.5  |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.779 ng  
 RT: 15.46 min Scan# 2069  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 67.5  | 0.0   | 0.0#  |
| 130     | 4.7   | 0.0   | 0.0#  |
| 166     | 38.5  | 0.0   | 0.0#  |

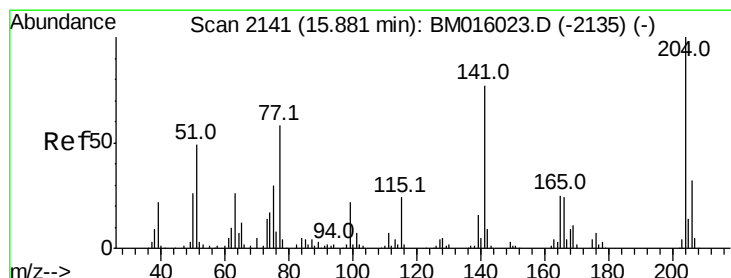
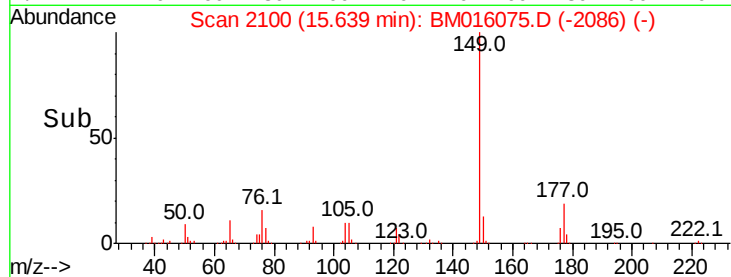
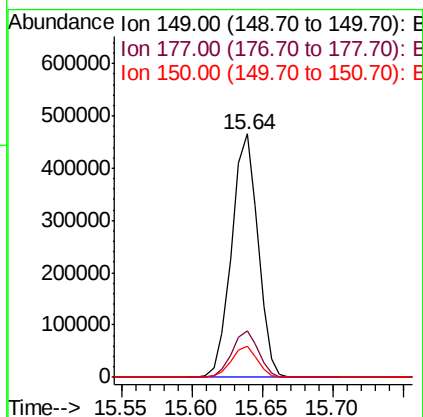
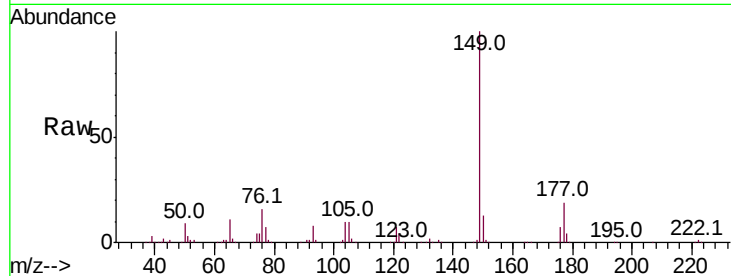




#59  
Diethylphthalate  
Concen: 40.447 ng  
RT: 15.64 min Scan# 2100  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

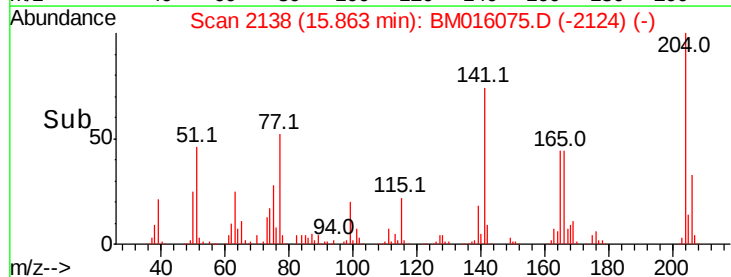
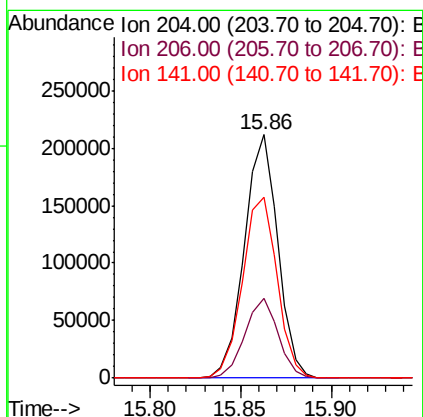
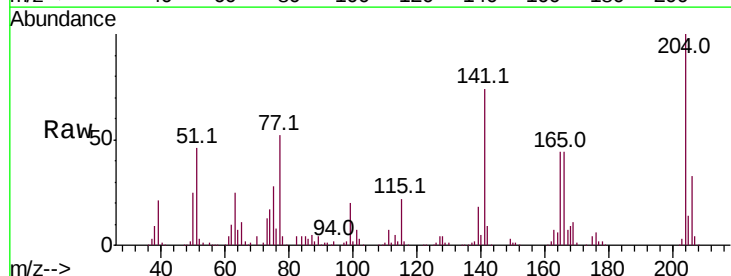
Instrument :  
BNA\_M  
ClientSampleId :

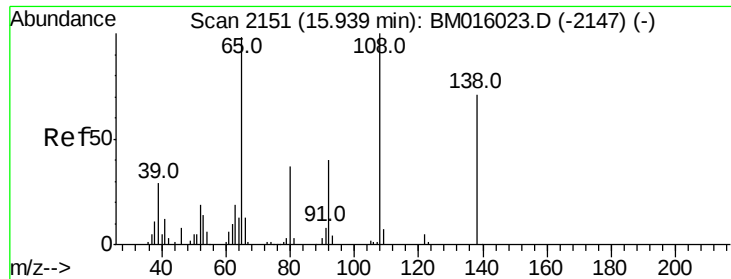
Tot Ion:149 Resp: 605145  
Ion Ratio Lower Upper  
149 100  
177 19.2 18.3 27.5  
150 13.0 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 39.647 ng  
RT: 15.86 min Scan# 2138  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:204 Resp: 270909  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.6 39.8  
141 74.4 45.2 67.8#

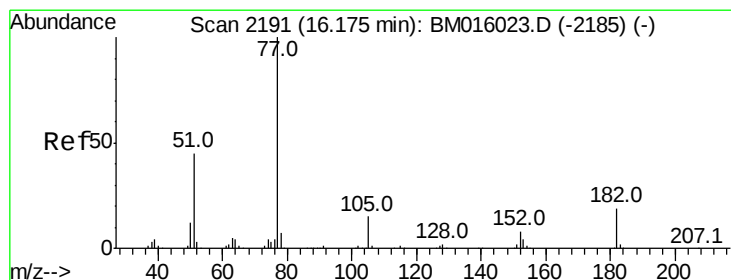
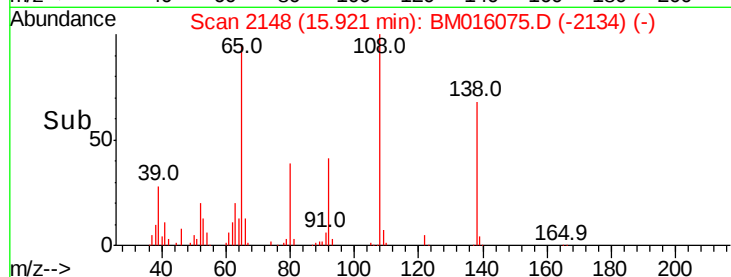
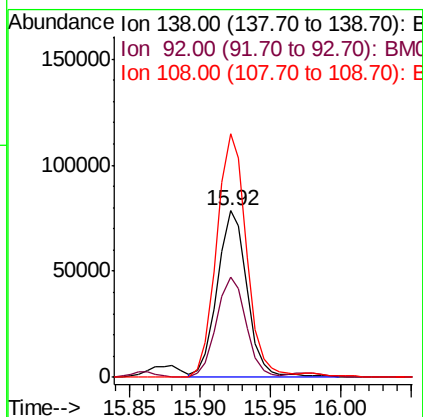
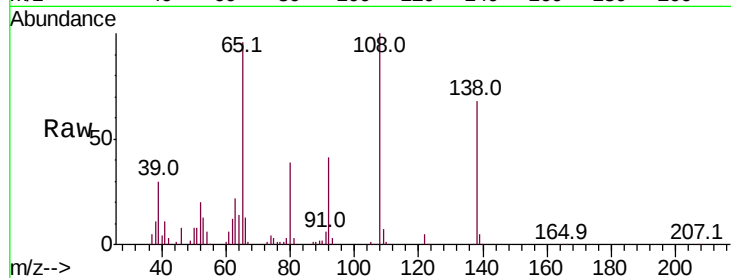




#61  
4-Nitroaniline  
Concen: 39.544 ng  
RT: 15.92 min Scan# 2148  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

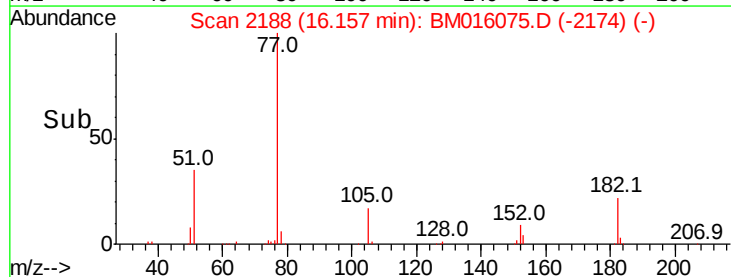
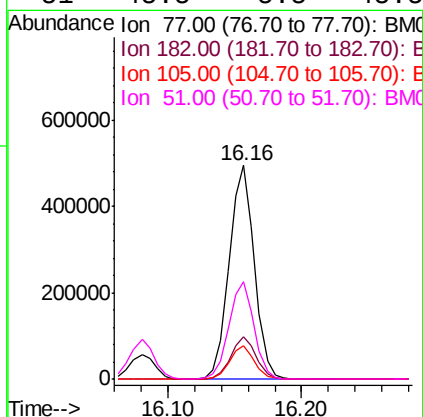
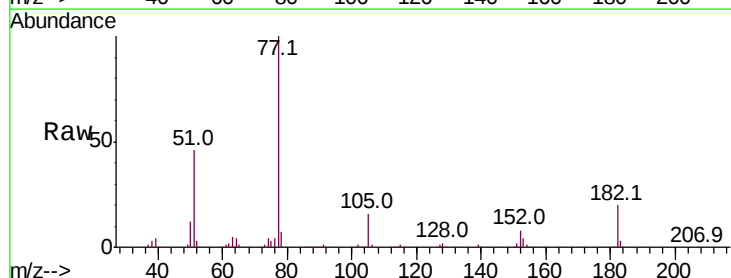
Instrument :  
BNA\_M  
ClientSampleId :

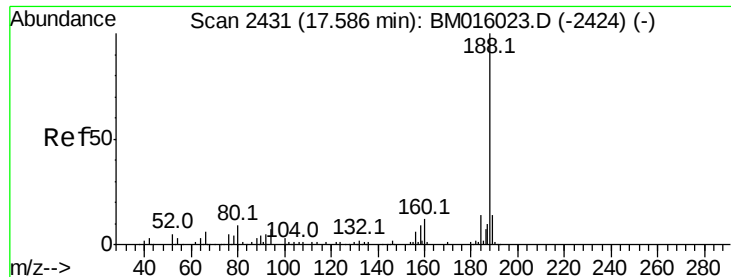
Tot Ion:138 Resp: 114450  
Ion Ratio Lower Upper  
138 100  
92 60.3 16.7 56.7#  
108 146.1 37.6 77.6#



#62  
Azobenzene  
Concen: 41.305 ng  
RT: 16.16 min Scan# 2188  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion: 77 Resp: 650824  
Ion Ratio Lower Upper  
77 100  
182 19.6 6.5 46.5  
105 15.7 3.8 43.8  
51 45.5 5.5 45.5#

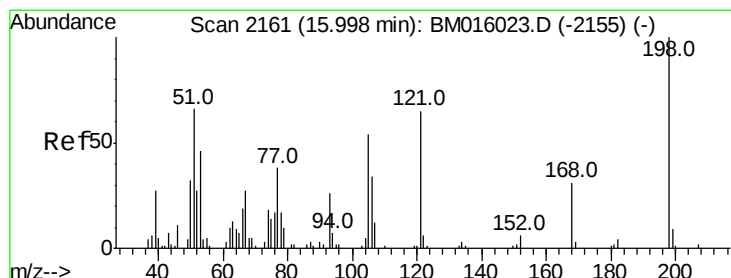
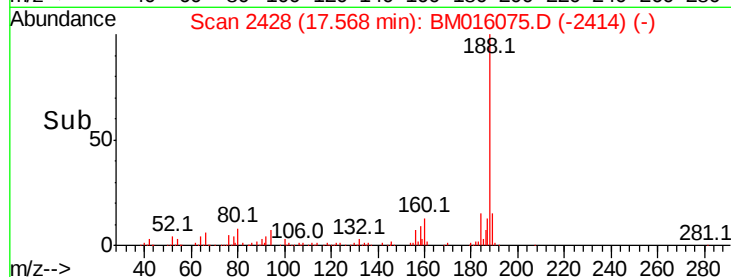
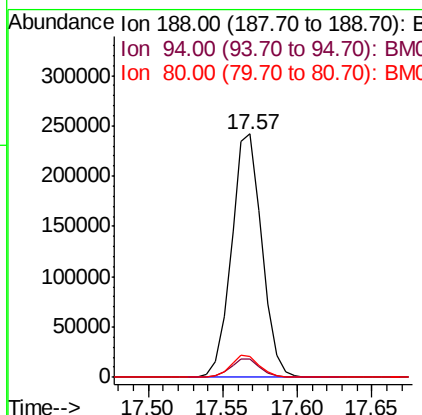
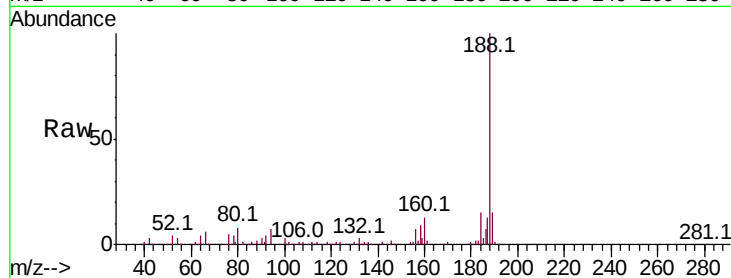




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.57 min Scan# 2428  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

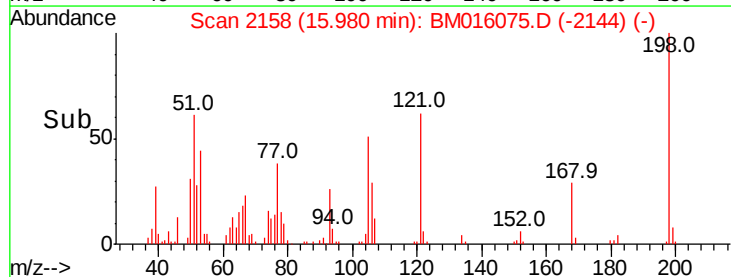
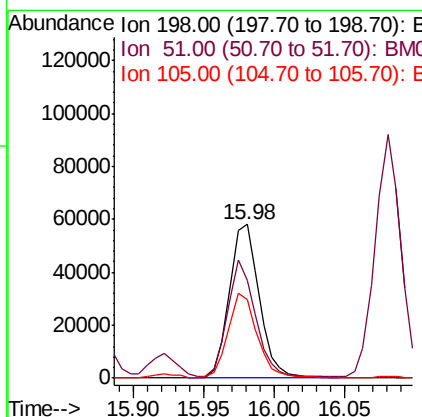
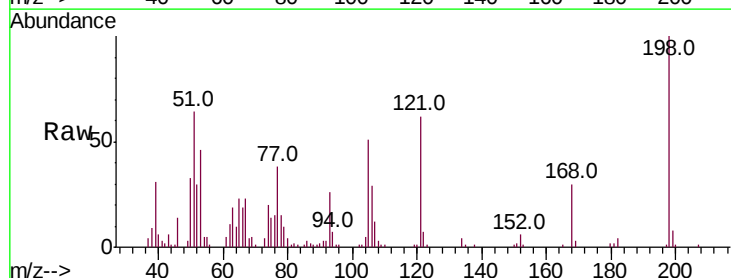
Instrument :  
BNA\_M  
ClientSampleId :

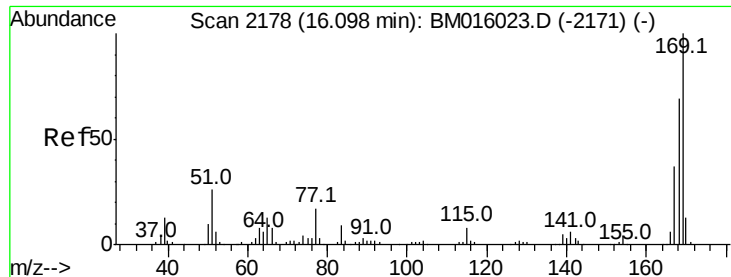
Tot Ion:188 Resp: 341539  
Ion Ratio Lower Upper  
188 100  
94 7.3 8.7 13.1#  
80 8.4 9.3 13.9#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 41.810 ng  
RT: 15.98 min Scan# 2158  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:198 Resp: 86673  
Ion Ratio Lower Upper  
198 100  
51 63.9 28.8 68.8  
105 51.4 30.5 70.5

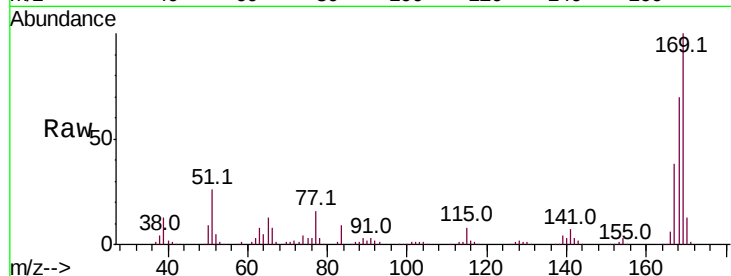




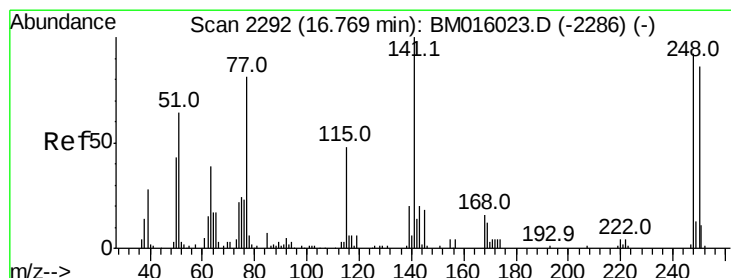
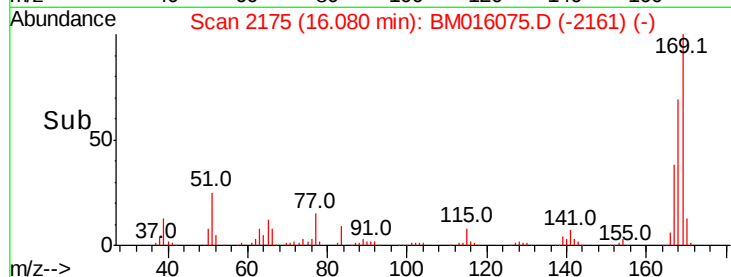
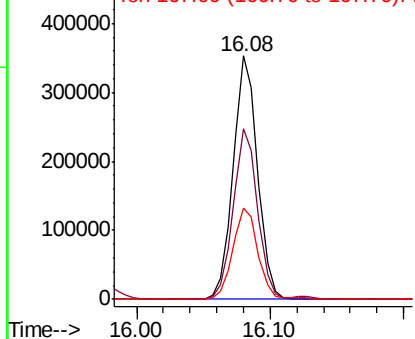
#65  
 n-Nitrosodiphenylamine  
 Concen: 39.926 ng  
 RT: 16.08 min Scan# 2175  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:169 Resp: 449026  
 Ion Ratio Lower Upper  
 169 100  
 168 70.0 53.9 80.9  
 167 37.6 28.9 43.3

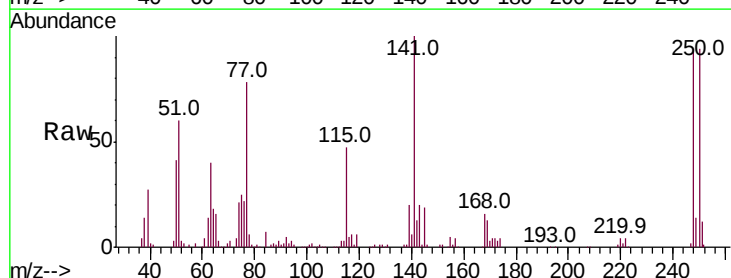


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

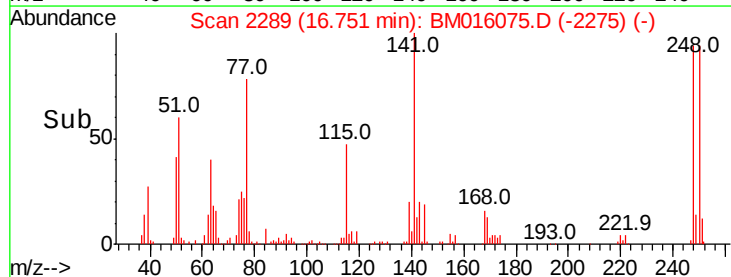
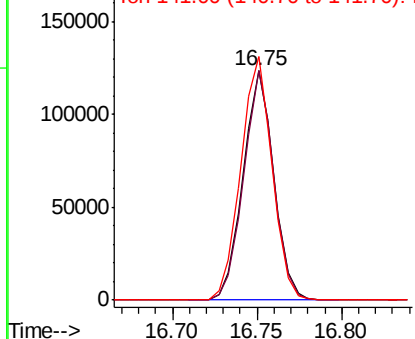


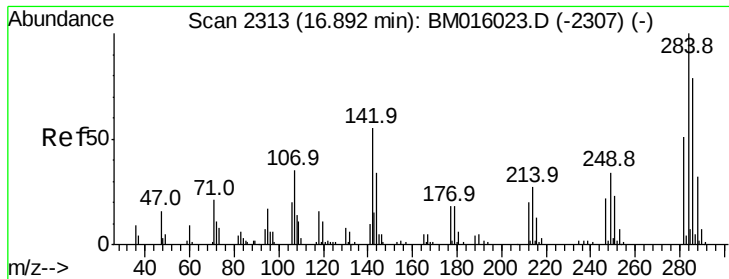
#66  
 4-Bromophenyl-phenylether  
 Concen: 40.320 ng  
 RT: 16.75 min Scan# 2289  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Tgt Ion:248 Resp: 155935  
 Ion Ratio Lower Upper  
 248 100  
 250 100.2 77.4 116.0  
 141 106.3 45.2 67.8#



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

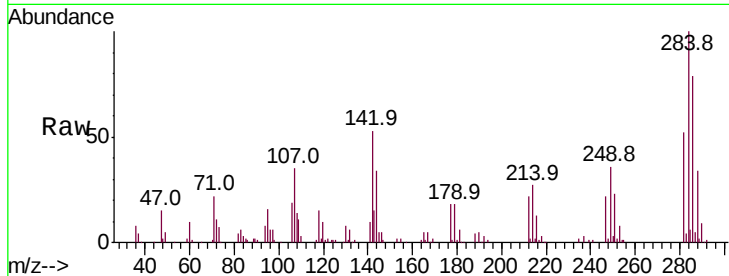




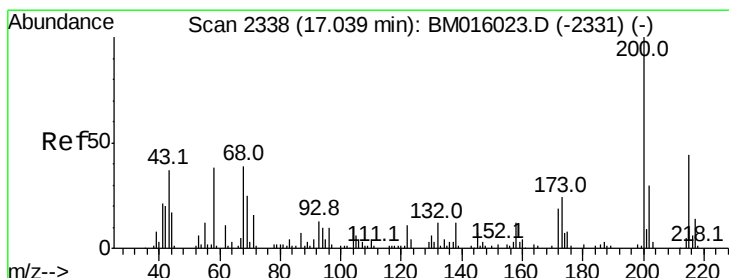
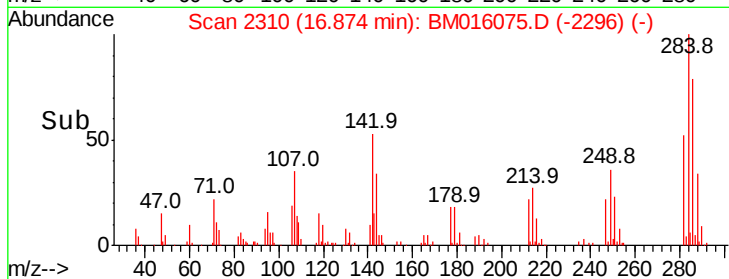
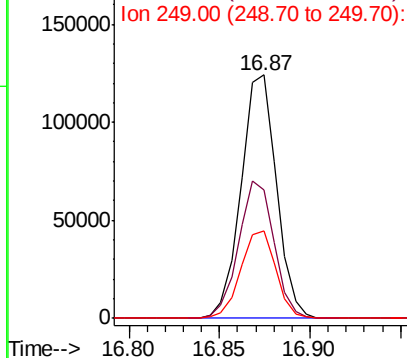
#67  
Hexachlorobenzene  
Concen: 39.620 ng  
RT: 16.87 min Scan# 2310  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:284 Resp: 168737  
Ion Ratio Lower Upper  
284 100  
142 52.5 20.4 30.6#  
249 35.9 23.8 35.6#

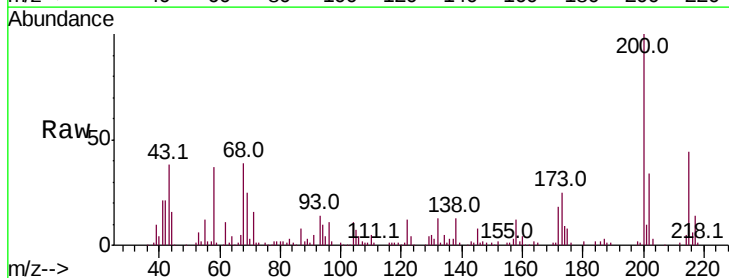


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

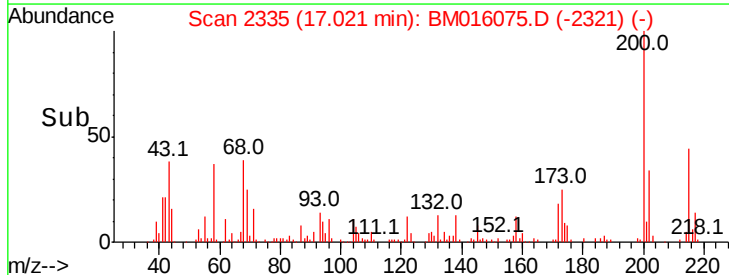
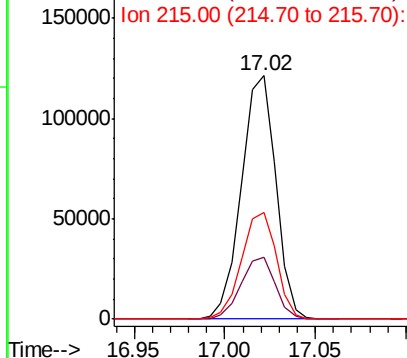


#68  
Atrazine  
Concen: 39.764 ng  
RT: 17.02 min Scan# 2335  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:200 Resp: 160280  
Ion Ratio Lower Upper  
200 100  
173 25.2 4.8 44.8  
215 44.0 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

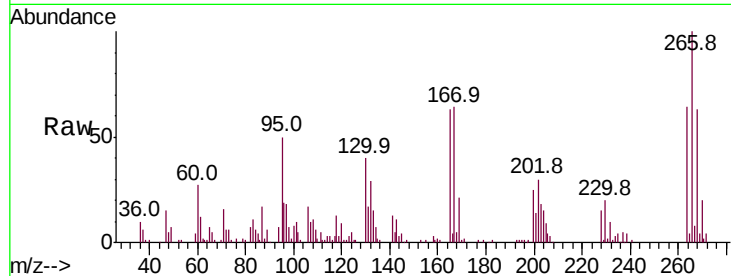




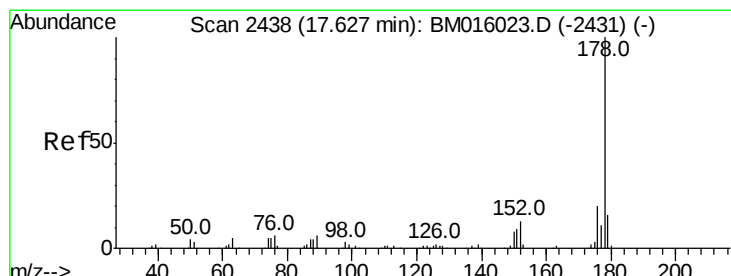
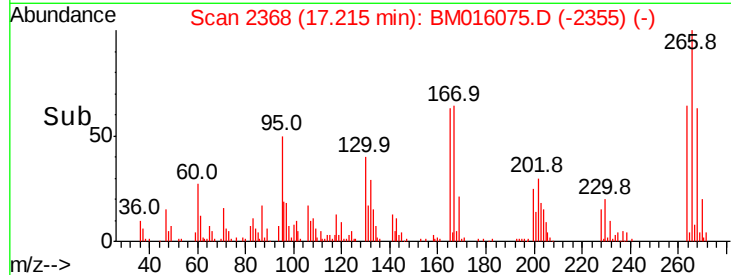
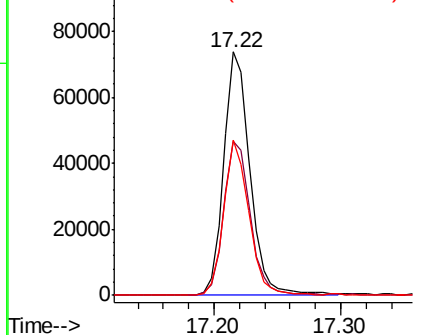
#69  
 Pentachlorophenol  
 Concen: 40.022 ng  
 RT: 17.22 min Scan# 2368  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.1  | 52.0  | 78.0  |
| 264     | 63.8  | 49.0  | 73.4  |

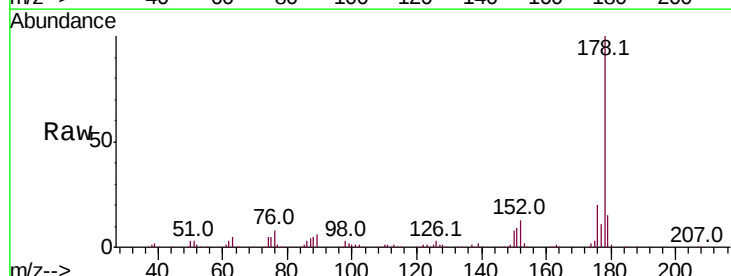


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

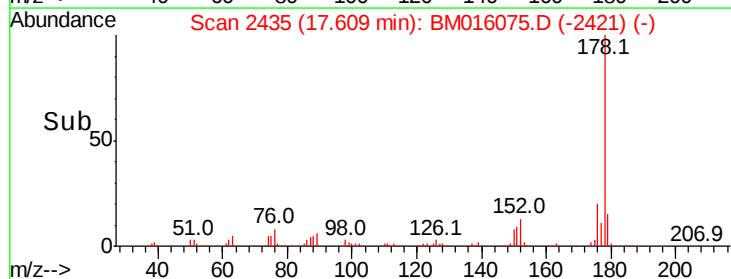
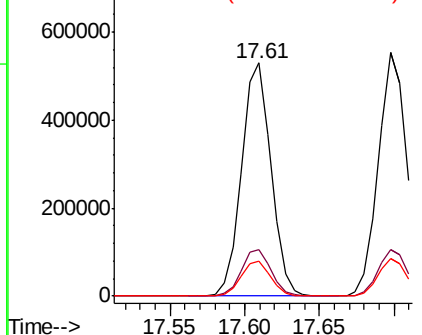


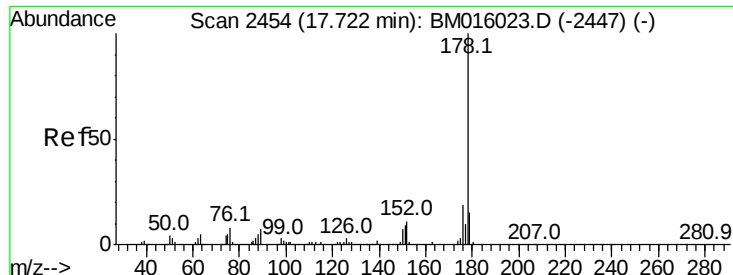
#70  
 Phenanthrene  
 Concen: 37.798 ng  
 RT: 17.61 min Scan# 2435  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.1  | 15.2  | 22.8  |
| 179     | 15.2  | 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

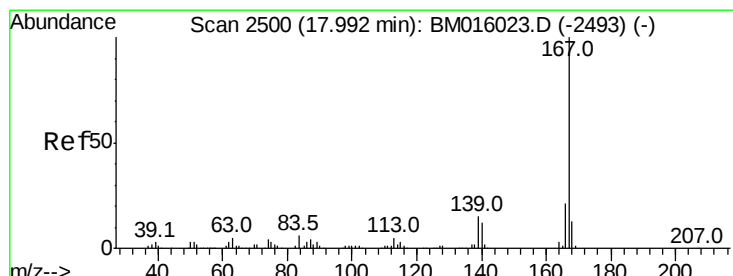
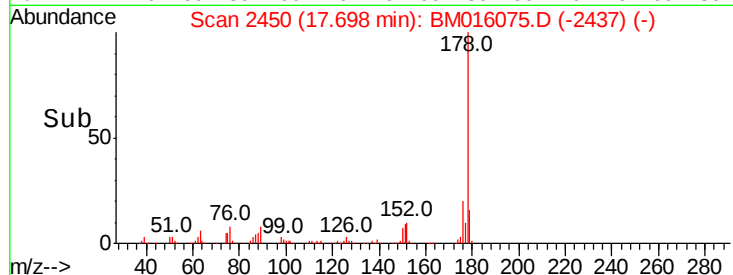
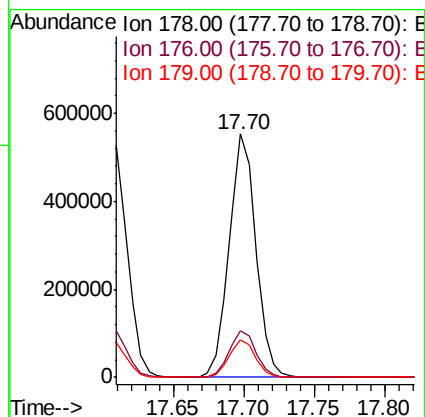
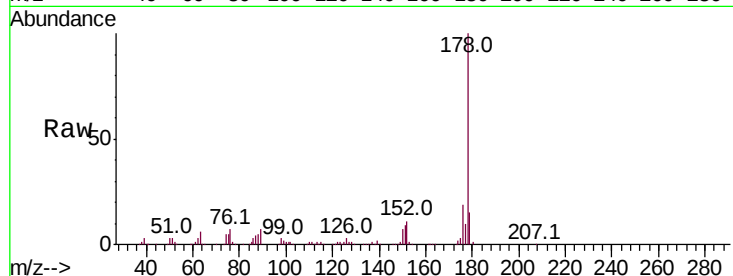




#71  
 Anthracene  
 Concen: 39.185 ng  
 RT: 17.70 min Scan# 2450  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

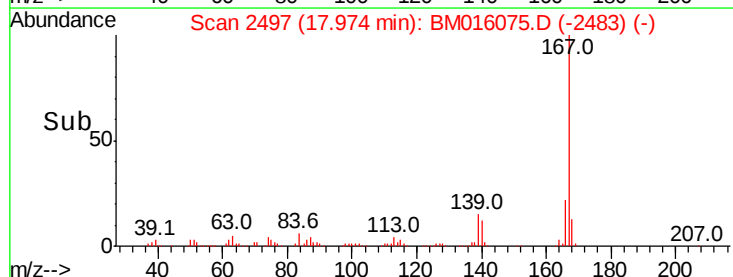
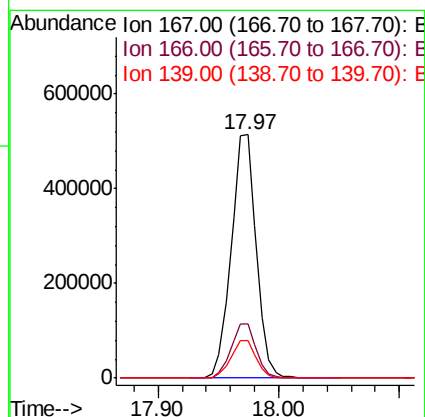
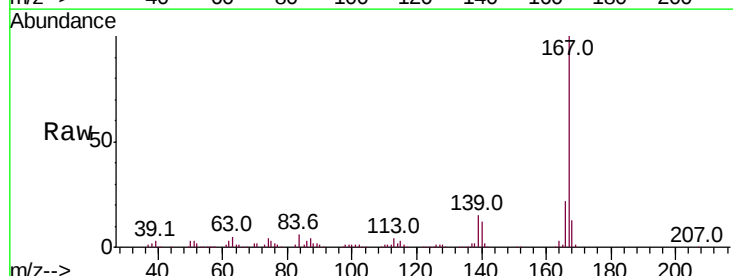
Instrument :  
 BNA\_M  
 ClientSampleId :

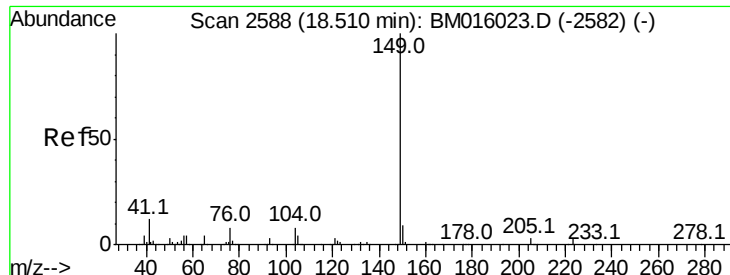
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.3  | 14.6  | 22.0  |
| 179     | 15.4  | 12.6  | 19.0  |



#72  
 Carbazole  
 Concen: 38.464 ng  
 RT: 17.97 min Scan# 2497  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.0  | 17.2  | 25.8  |
| 139     | 15.5  | 10.8  | 16.2  |

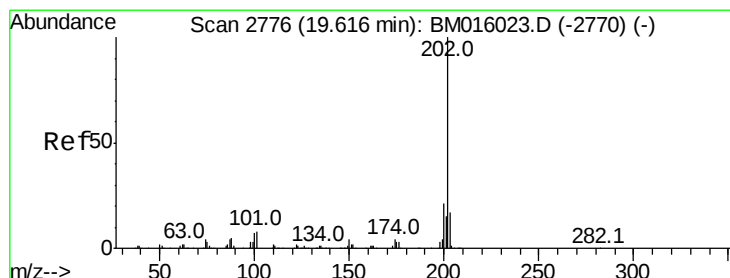
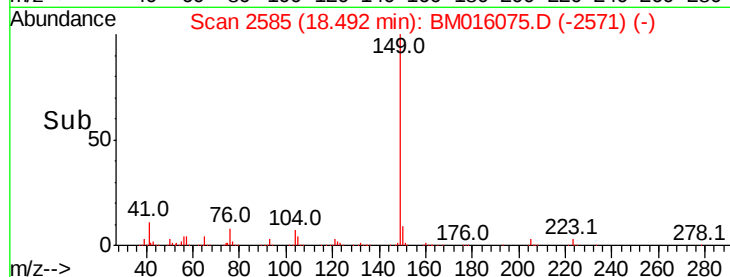
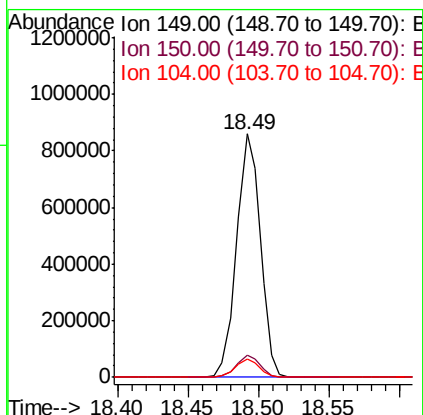
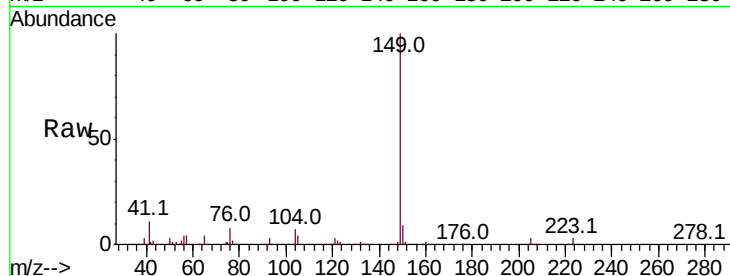




#73  
Di-n-butylphthalate  
Concen: 42.068 ng  
RT: 18.49 min Scan# 2585  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

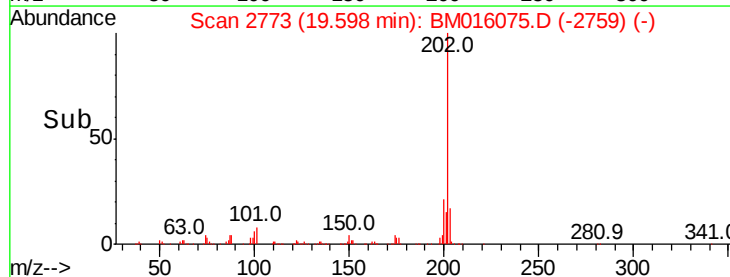
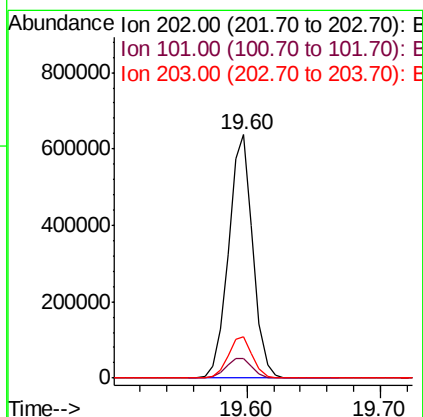
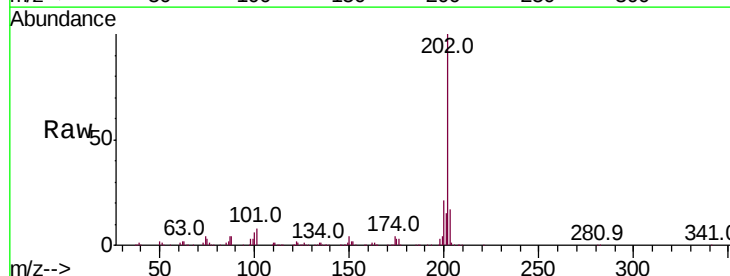
Instrument :  
BNA\_M  
ClientSampled :

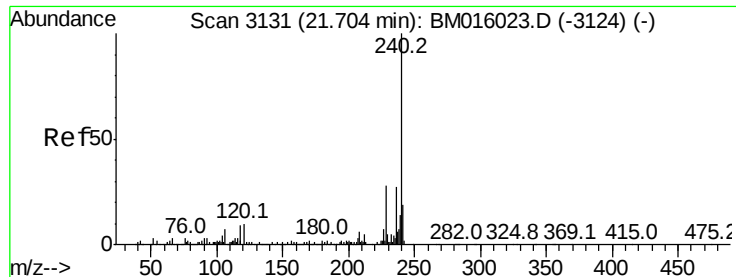
Tot Ion:149 Resp: 1009219  
Ion Ratio Lower Upper  
149 100  
150 9.2 7.5 11.3  
104 7.5 3.7 5.5#



#74  
Fluoranthene  
Concen: 37.839 ng  
RT: 19.60 min Scan# 2773  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:202 Resp: 807095  
Ion Ratio Lower Upper  
202 100  
101 7.8 0.0 28.7  
203 16.7 0.0 37.2

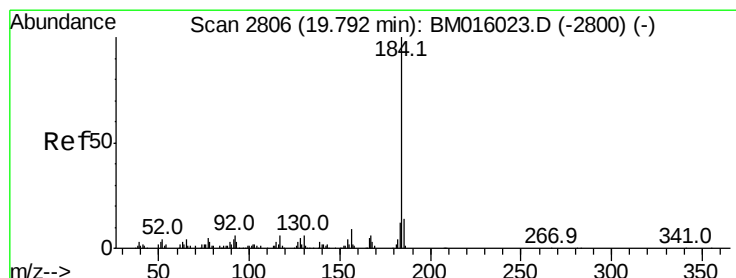
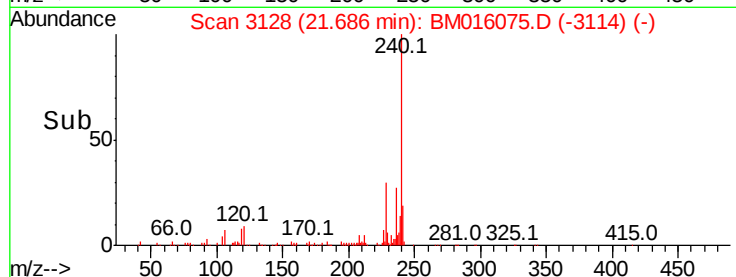
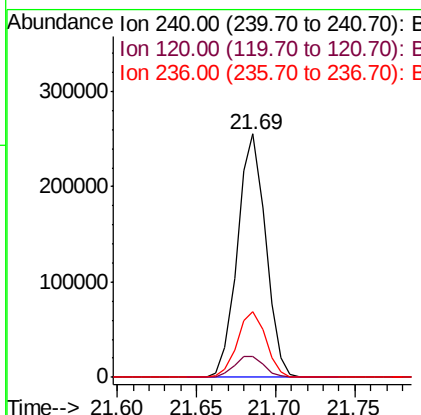
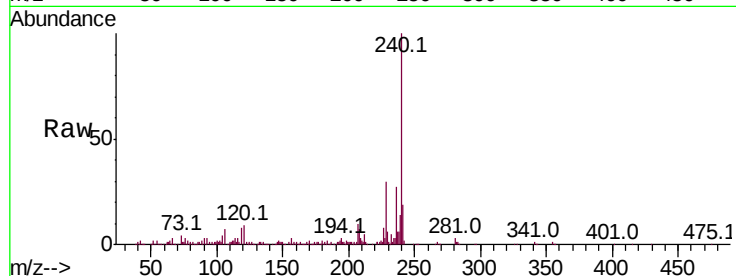




#75  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.69 min Scan# 3128  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

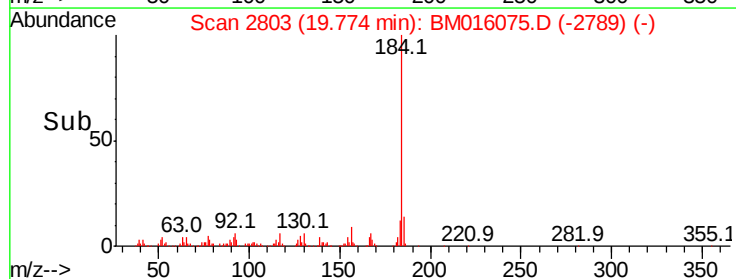
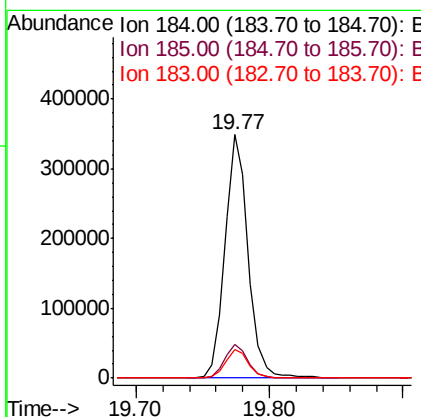
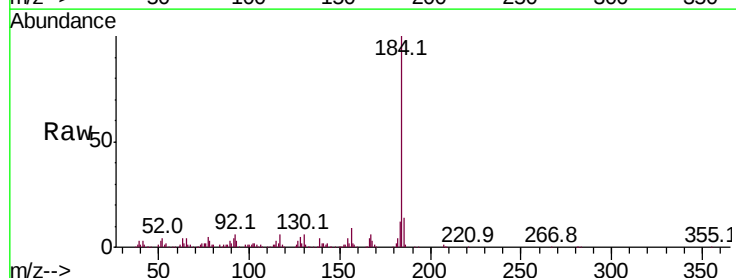
Instrument :  
 BNA\_M  
 ClientSampleId :

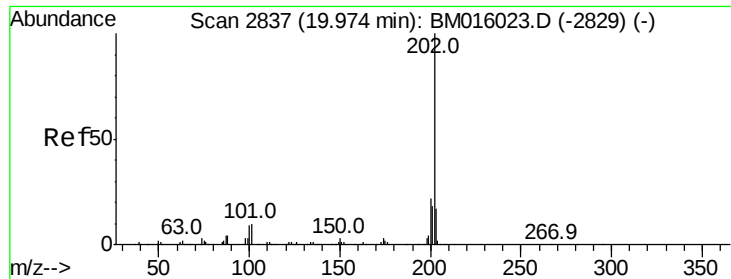
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.5   | 8.2   | 12.2  |
| 236     | 27.2  | 20.0  | 30.0  |



#76  
 Benzidine  
 Concen: 48.398 ng  
 RT: 19.77 min Scan# 2803  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 13.7  | 11.3  | 16.9  |
| 183     | 11.7  | 8.9   | 13.3  |





#77

Pvrene

Concen: 44.427 ng

RT: 19.96 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BM016075.D

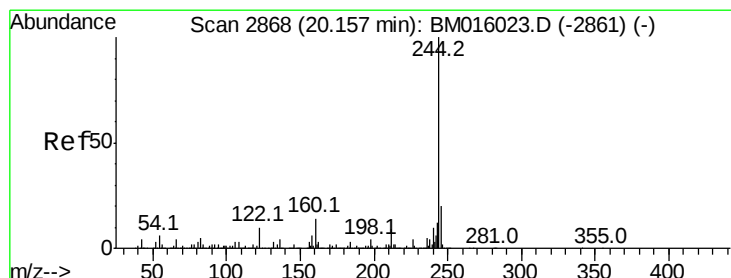
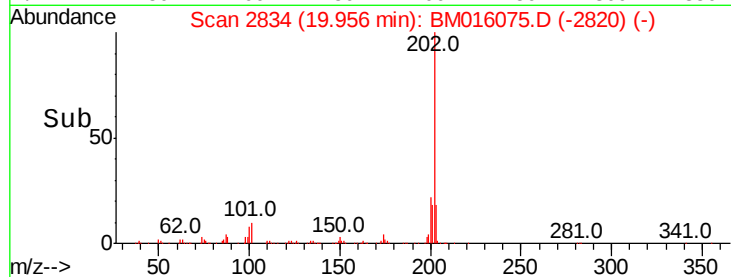
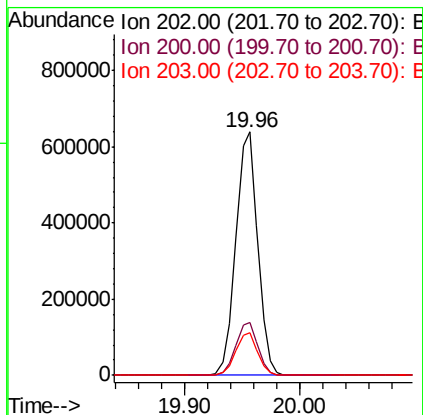
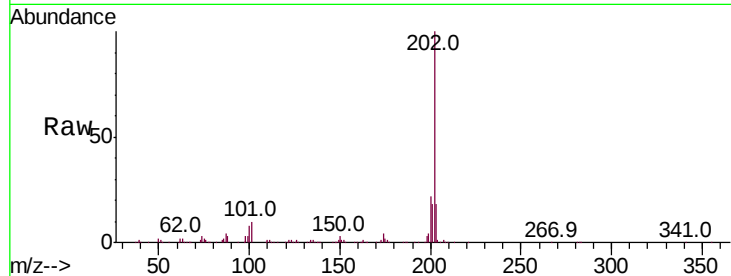
Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 838613 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 21.9  | 16.9  | 25.3   |
| 203      | 17.5  | 14.1  | 21.1   |



#78

Terphenyl-d14

Concen: 44.427 ng

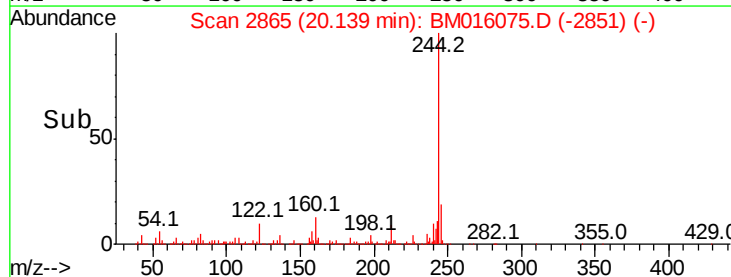
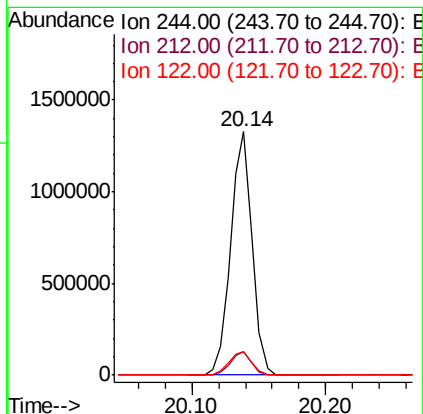
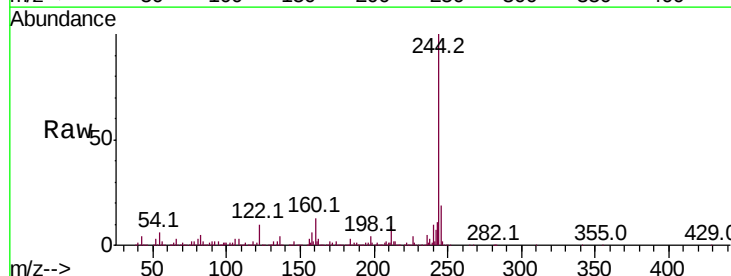
RT: 20.14 min Scan# 2865

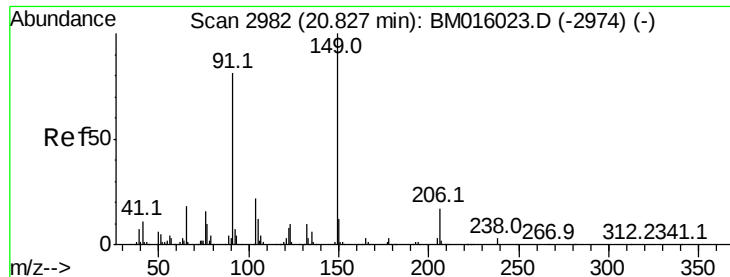
Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 1490484 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 9.4   | 4.9   | 7.3#    |
| 122      | 9.6   | 6.2   | 9.4#    |

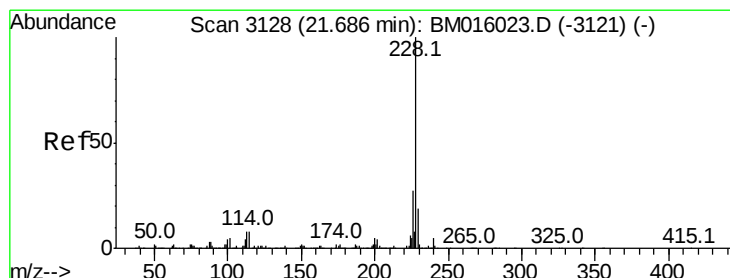
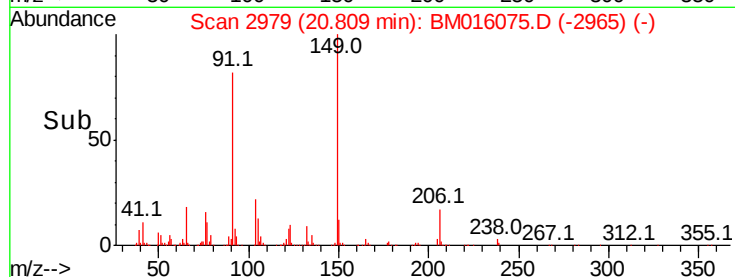
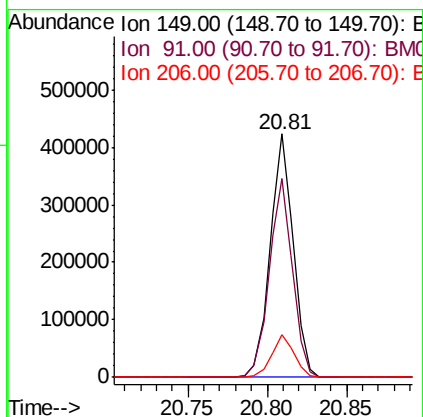
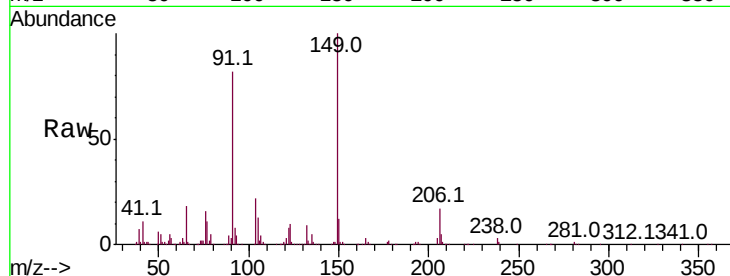




#79  
Butylbenzylphthalate  
Concen: 45.129 ng  
RT: 20.81 min Scan# 2979  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

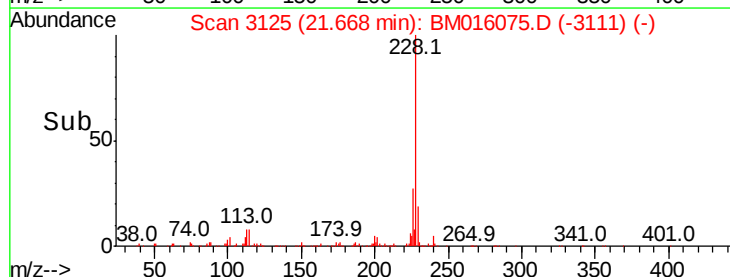
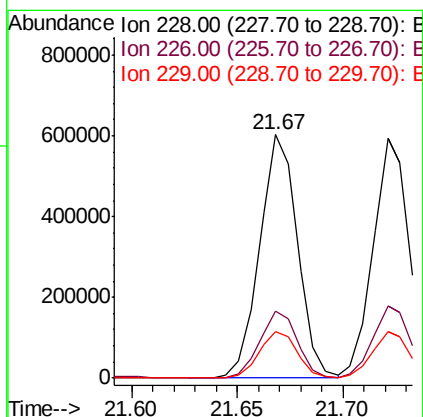
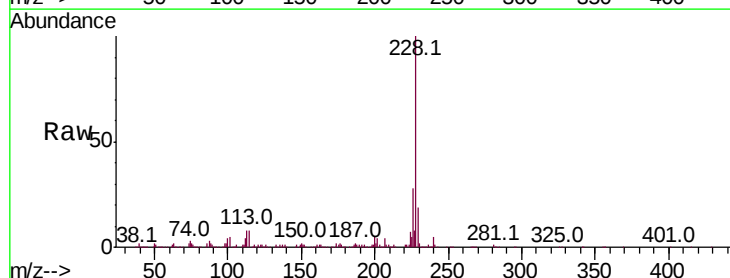
Instrument :  
BNA\_M  
ClientSampleId :

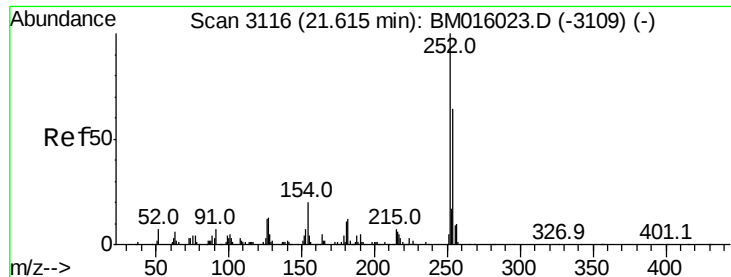
Tot Ion:149 Resp: 432748  
Ion Ratio Lower Upper  
149 100  
91 81.6 50.1 75.1#  
206 17.4 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 38.687 ng  
RT: 21.67 min Scan# 3125  
Delta R.T. -0.02 min  
Lab File: BM016075.D  
Acq: 26 Jul 2018 16:51

Tgt Ion:228 Resp: 750533  
Ion Ratio Lower Upper  
228 100  
226 27.5 21.7 32.5  
229 19.4 16.0 24.0

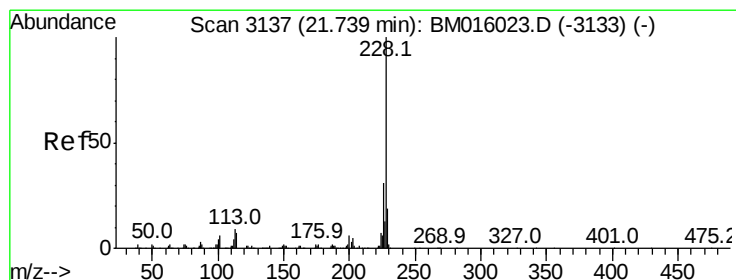
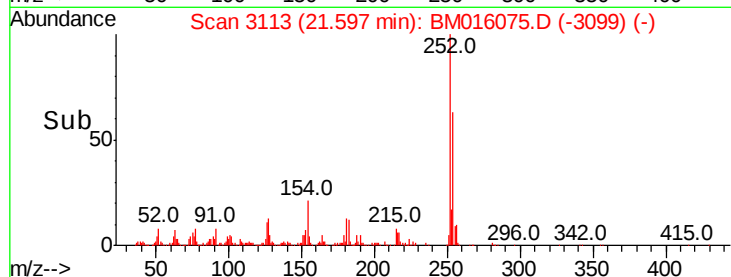
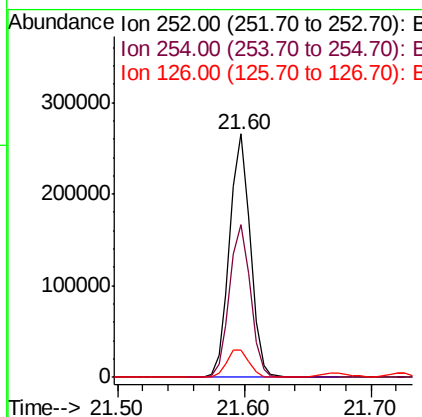
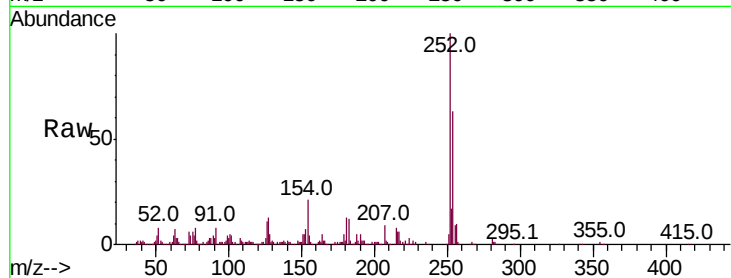




#81  
 3,3'-Dichlorobenzidine  
 Concen: 38.415 ng  
 RT: 21.60 min Scan# 3113  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

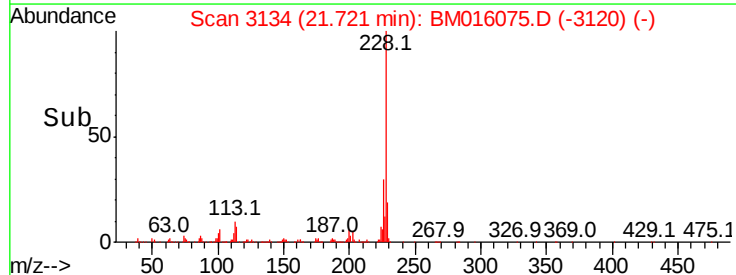
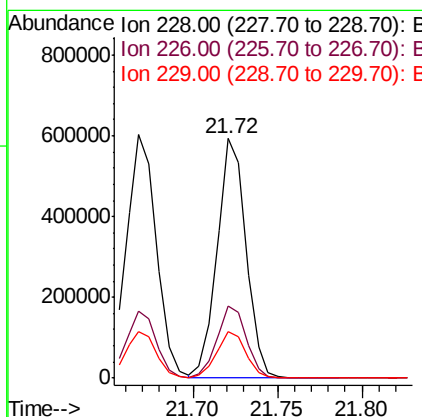
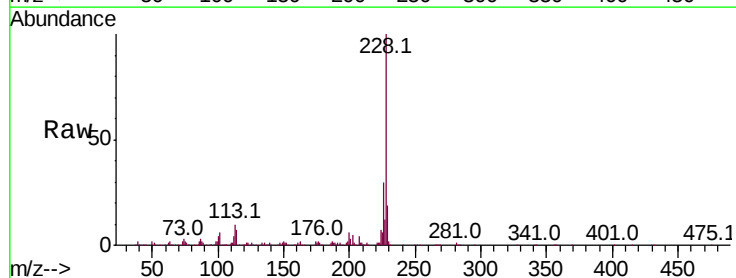
Instrument :  
 BNA\_M  
 ClientSampleId :

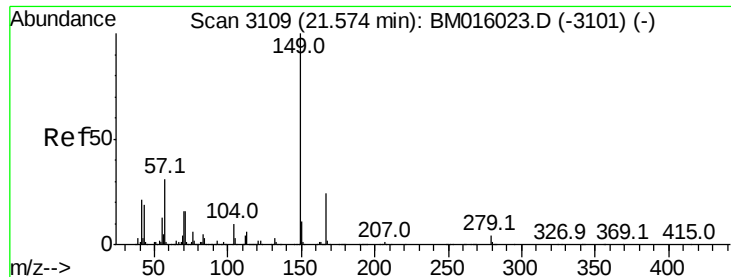
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.7  | 51.9  | 77.9  |
| 126     | 11.3  | 9.8   | 14.8  |



#82  
 Chrysene  
 Concen: 38.061 ng  
 RT: 21.72 min Scan# 3134  
 Delta R.T. -0.02 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.3  | 24.1  | 36.1  |
| 229     | 19.4  | 15.5  | 23.3  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.115 ng

RT: 21.56 min Scan# 3106

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampleId :

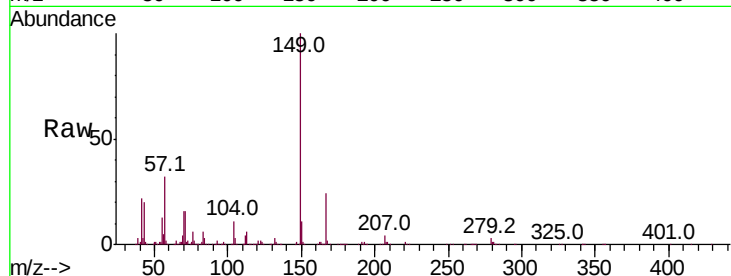
Tot Ion:149 Resp: 599171

Ion Ratio Lower Upper

149 100

167 23.6 22.4 33.6

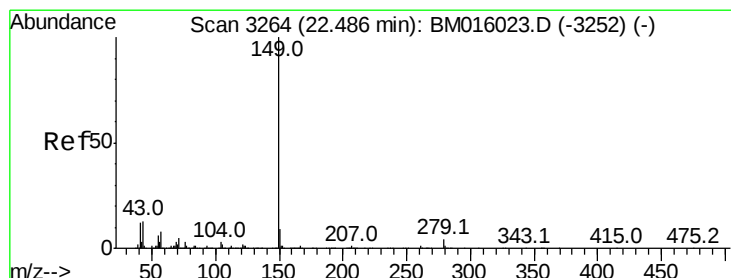
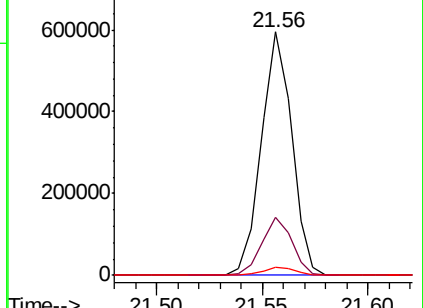
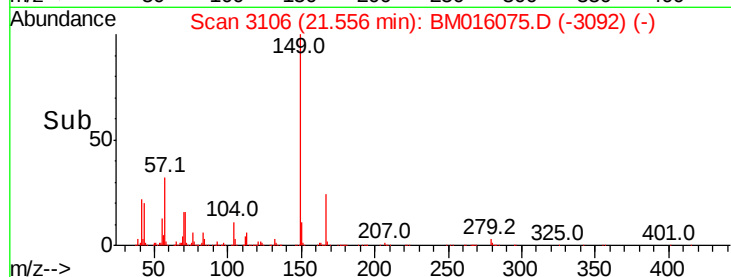
279 3.2 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.649 ng

RT: 22.47 min Scan# 3261

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

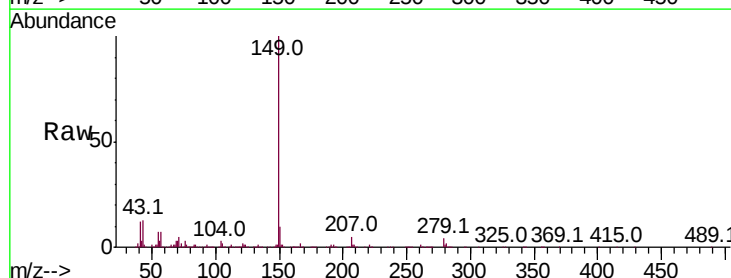
Tgt Ion:149 Resp: 879347

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

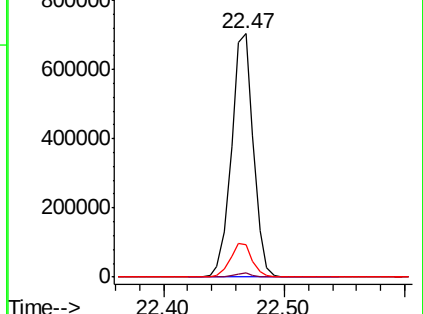
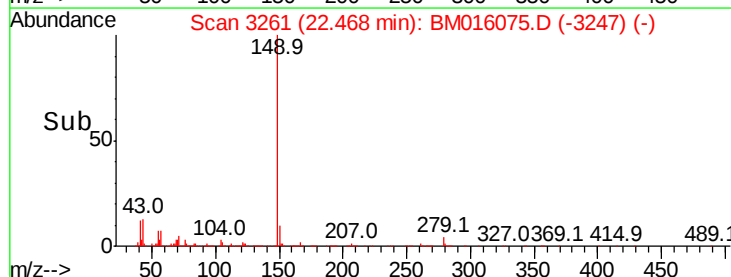
43 13.8 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 25.520 ng

RT: 26.47 min Scan# 3941

Delta R.T. -0.04 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampleId :

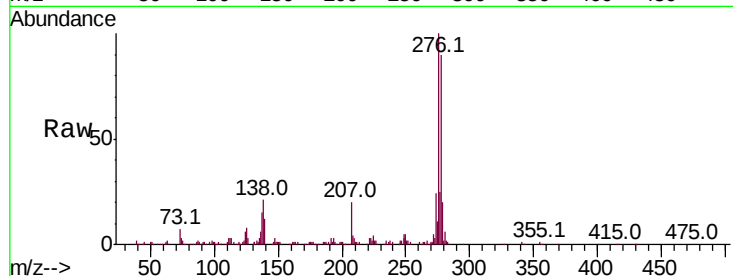
Tot Ion:276 Resp: 563567

Ion Ratio Lower Upper

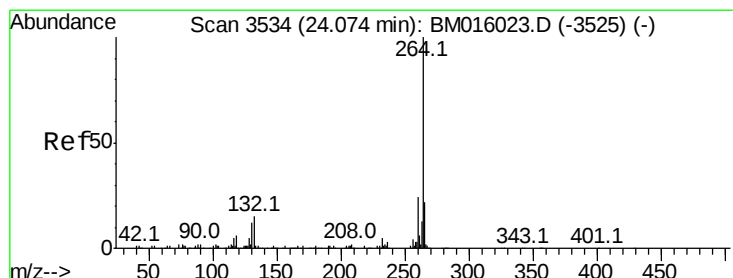
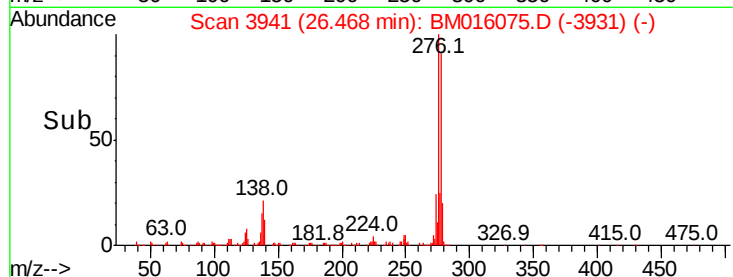
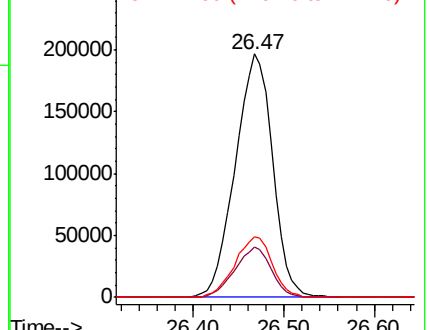
276 100

138 20.1 12.0 18.0#

277 24.9 20.0 30.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.04 min Scan# 3529

Delta R.T. -0.03 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

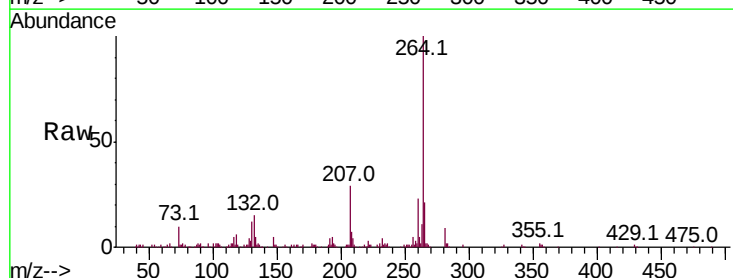
Tgt Ion:264 Resp: 247807

Ion Ratio Lower Upper

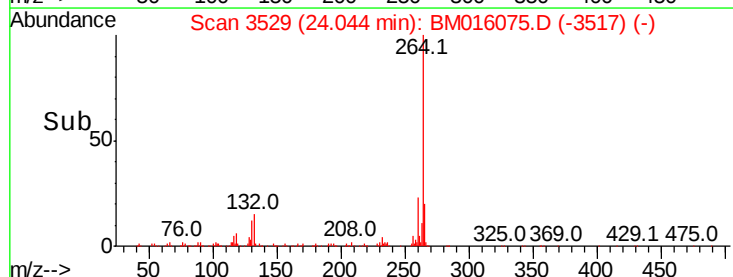
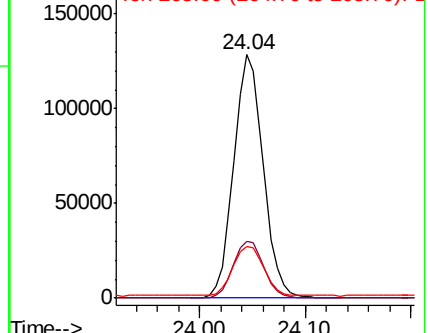
264 100

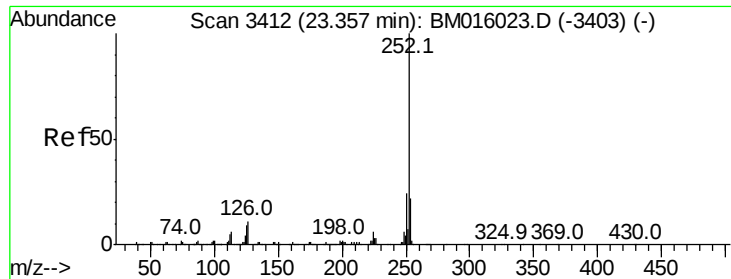
260 23.4 18.6 27.8

265 21.3 17.3 25.9



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





#87

Benzo(b)fluoranthene

Concen: 41.678 ng

RT: 23.33 min Scan# 3408

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

Instrument :

BNA\_M

ClientSampleId :

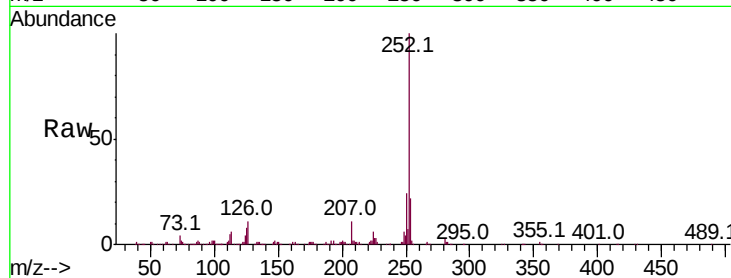
Tot Ion:252 Resp: 608089

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

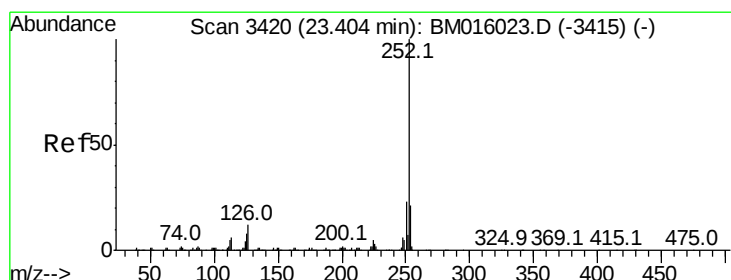
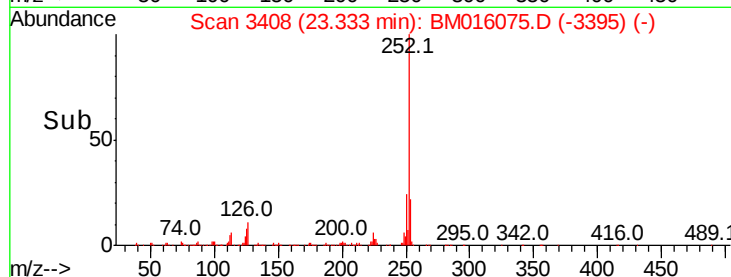
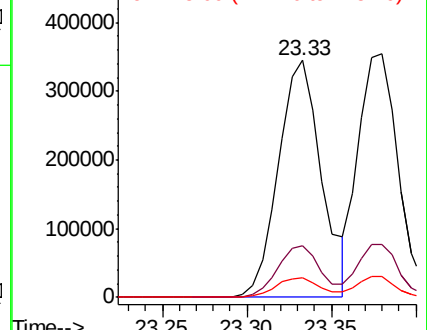
125 8.3 9.9 14.9#



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: 39.168 ng

RT: 23.38 min Scan# 3416

Delta R.T. -0.02 min

Lab File: BM016075.D

Acq: 26 Jul 2018 16:51

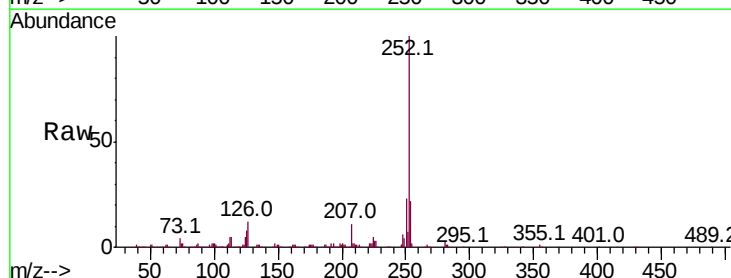
Tgt Ion:252 Resp: 579152

Ion Ratio Lower Upper

252 100

253 21.6 17.2 25.8

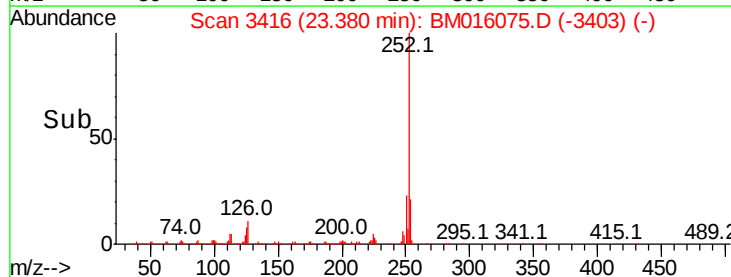
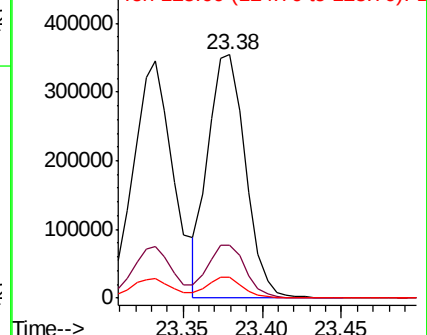
125 8.3 8.1 12.1

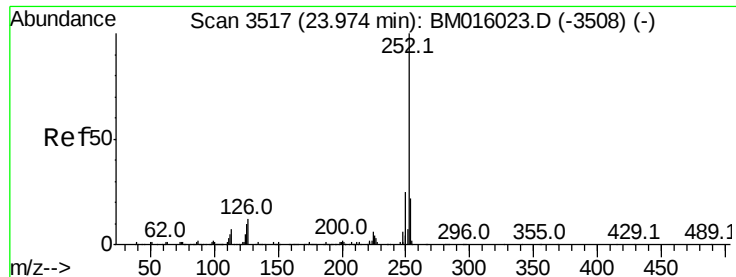


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.449 ng

RT: 23.94 min Scan# 3512

Delta R.T. -0.03 min

Lab File: BM016075.D

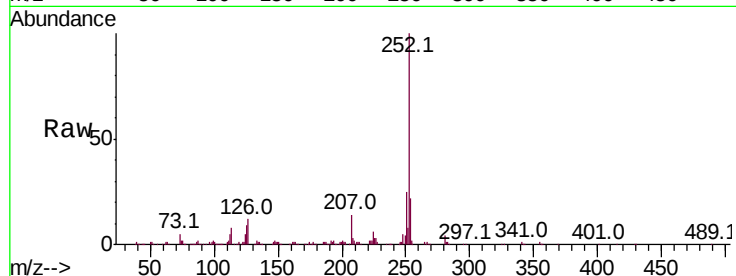
Acq: 26 Jul 2018 16:51

Instrument :

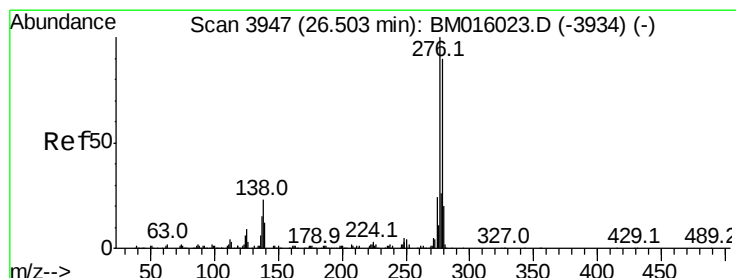
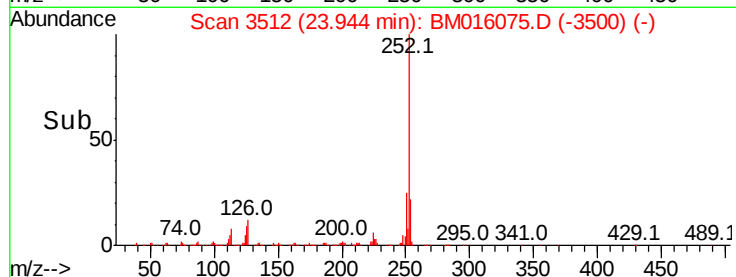
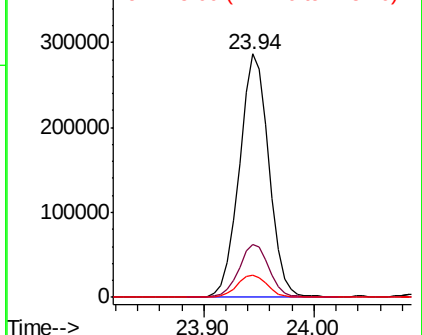
BNA\_M

ClientSampleId :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:252 | Resp: | 539290    |
| Ion Ratio   | Lower | Upper     |
| 252         | 100   |           |
| 253         | 21.9  | 17.6 26.4 |
| 125         | 9.3   | 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: 33.005 ng

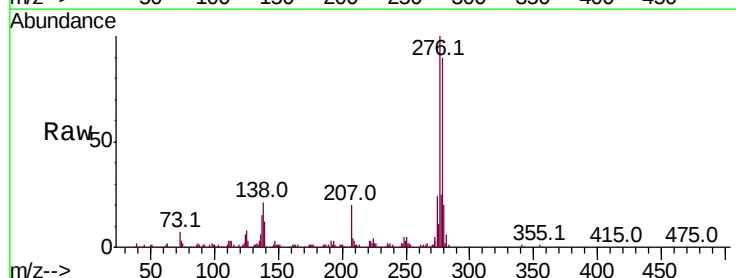
RT: 26.47 min Scan# 3941

Delta R.T. -0.04 min

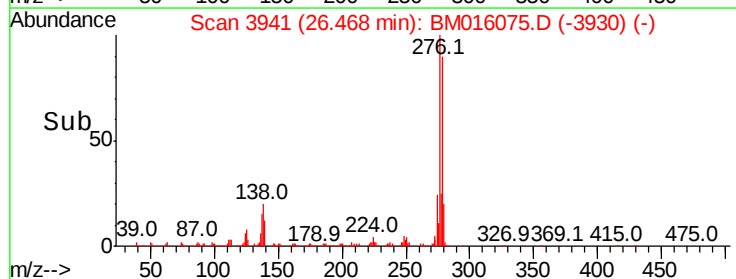
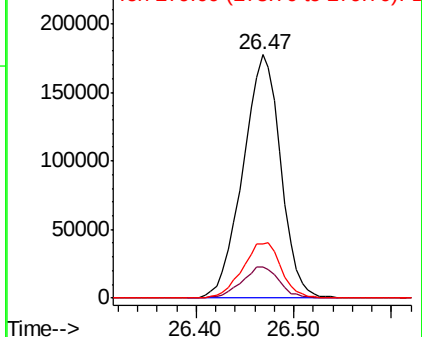
Lab File: BM016075.D

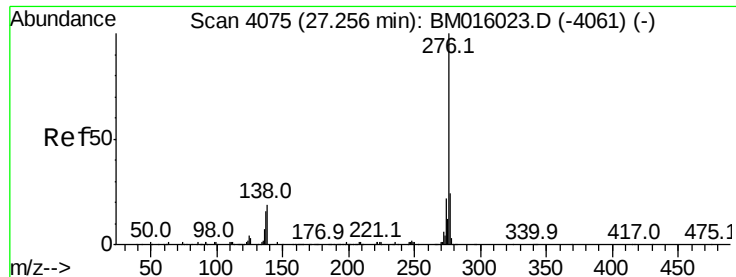
Acq: 26 Jul 2018 16:51

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:278 | Resp: | 479632     |
| Ion Ratio   | Lower | Upper      |
| 278         | 100   |            |
| 139         | 12.9  | 13.4 20.0# |
| 279         | 22.3  | 19.0 28.4  |



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E

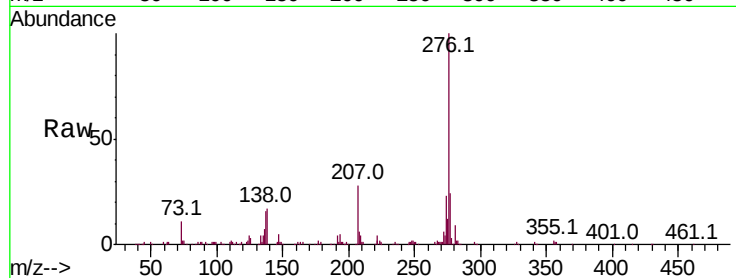




#91  
 Benzo(a,h,i)perylene  
 Concen: 31.846 ng  
 RT: 27.21 min Scan# 4067  
 Delta R.T. -0.05 min  
 Lab File: BM016075.D  
 Acq: 26 Jul 2018 16:51

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.2  | 18.5  | 27.7  |
| 138     | 16.9  | 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

