

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\  
 Data File : BM019094.D  
 Acq On : 11 Mar 2019 15:21  
 Operator : JU/SJ  
 Sample : SSTDICC050  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 11 16:05:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 11 15:57:56 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 199655   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.45 | 136  | 926865   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.32 | 164  | 546165   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.07 | 188  | 1228880  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.27 | 240  | 1350545  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.51 | 264  | 1337916  | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.26  | 112  | 1252746  | 102.81 | ng    | 0.00     |
| 7) Phenol-d6                | 6.85  | 99   | 1884331  | 109.77 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.84  | 82   | 2034544  | 101.50 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.82 | 330  | 865365   | 109.92 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.93 | 172  | 4285621  | 104.16 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.71 | 244  | 6921341  | 105.72 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.22  | 88   | 265654   | 50.054 | ng    | 99     |
| 3) Pyridine                    | 3.62  | 79   | 732953   | 50.630 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.54  | 42   | 233208   | 63.323 | ng    | 94     |
| 6) Aniline                     | 7.01  | 93   | 1218751  | 57.945 | ng    | 100    |
| 8) 2-Chlorophenol              | 7.23  | 128  | 765352   | 57.207 | ng    | 99     |
| 9) Benzaldehyde                | 6.83  | 77   | 540373   | 57.512 | ng    | 99     |
| 10) Phenol                     | 6.87  | 94   | 1019377  | 56.437 | ng    | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.10  | 93   | 767940   | 55.735 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.55  | 146  | 789910   | 52.508 | ng    | 100    |
| 13) 1,4-Dichlorobenzene        | 7.70  | 146  | 804344   | 52.520 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 8.01  | 146  | 784862   | 53.353 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.92  | 79   | 790117   | 57.926 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.20  | 45   | 764638   | 57.339 | ng    | 99     |
| 17) 2-Methylphenol             | 8.11  | 107  | 660244   | 57.432 | ng    | 100    |
| 18) Hexachloroethane           | 8.72  | 117  | 304227   | 54.417 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.48  | 70   | 773551   | 58.199 | ng    | 99     |
| 20) 3+4-Methylphenols          | 8.44  | 107  | 911514   | 57.420 | ng    | 99     |
| 22) Acetophenone               | 8.50  | 105  | 1322761  | 51.968 | ng    | # 99   |
| 24) Nitrobenzene               | 8.88  | 77   | 1050961  | 50.510 | ng    | 98     |
| 25) Isophorone                 | 9.40  | 82   | 1945434  | 60.825 | ng    | 100    |
| 26) 2-Nitrophenol              | 9.58  | 139  | 457074   | 55.161 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 9.63  | 122  | 655777   | 54.186 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.88  | 93   | 1143025  | 55.264 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.10 | 162  | 745165   | 53.623 | ng    | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.31 | 180  | 793326   | 49.433 | ng    | 99     |
| 31) Naphthalene                | 10.50 | 128  | 2460450  | 54.430 | ng    | 99     |
| 32) Benzoic acid               | 9.82  | 122  | 513441   | 48.635 | ng    | 98     |
| 33) 4-Chloroaniline            | 10.63 | 127  | 1057971  | 52.357 | ng    | 99     |
| 34) Hexachlorobutadiene        | 10.76 | 225  | 456057   | 48.959 | ng    | 99     |
| 35) Caprolactam                | 11.46 | 113  | 256339   | 45.199 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 11.76 | 107  | 902358   | 53.858 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.12 | 142  | 1801551  | 56.606 | ng    | 100    |
| 38) 1-Methylnaphthalene        | 12.35 | 142  | 1782590  | 57.277 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216  | 884766   | 50.641 | ng    | 99     |

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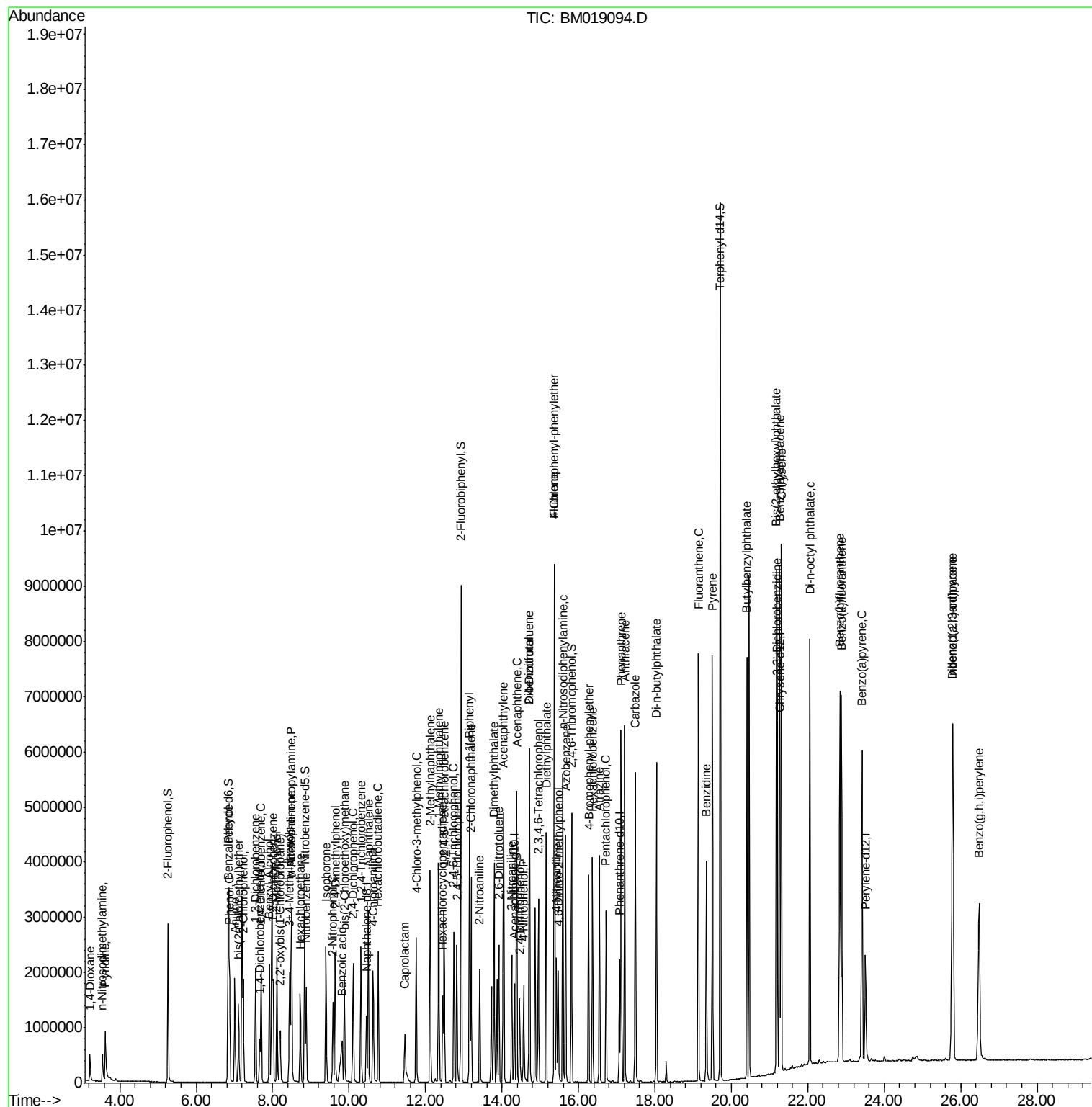
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.45 | 237  | 422498   | 47.299 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 12.74 | 196  | 595402   | 51.479 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.82 | 196  | 644934   | 53.200 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.15 | 154  | 2434229  | 51.778 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.19 | 162  | 1819794  | 50.116 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.42 | 65   | 655958   | 54.392 | ng    | 98       |
| 49) Acenaphthylene             | 14.04 | 152  | 3102135  | 57.374 | ng    | 99       |
| 50) Dimethylphthalate          | 13.79 | 163  | 2378293  | 52.250 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.92 | 165  | 536204   | 54.382 | ng    | 96       |
| 52) Acenaphthene               | 14.39 | 154  | 1757690  | 53.016 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.26 | 138  | 564891   | 50.705 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.46 | 184  | 324991   | 59.651 | ng    | 98       |
| 55) Dibenzofuran               | 14.72 | 168  | 2820743  | 51.763 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.56 | 139  | 467877   | 52.609 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.71 | 165  | 760351   | 55.969 | ng    | 99       |
| 58) Fluorene                   | 15.37 | 166  | 2375199  | 56.974 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 581870   | 54.302 | ng    | 99       |
| 60) Diethylphthalate           | 15.16 | 149  | 2430455  | 51.763 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.37 | 204  | 1151158  | 49.249 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.43 | 138  | 572822   | 52.447 | ng    | 99       |
| 63) Azobenzene                 | 15.66 | 77   | 2606406  | 51.772 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 423341   | 49.065 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.59 | 169  | 2007466  | 51.705 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.27 | 248  | 699268   | 50.837 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.37 | 284  | 820821   | 51.339 | ng    | 98       |
| 69) Atrazine                   | 16.55 | 200  | 684233   | 54.665 | ng    | 99       |
| 70) Pentachlorophenol          | 16.72 | 266  | 508390   | 49.384 | ng    | 98       |
| 71) Phenanthrene               | 17.12 | 178  | 3631849  | 54.993 | ng    | 99       |
| 72) Anthracene                 | 17.21 | 178  | 3648172  | 56.754 | ng    | 99       |
| 73) Carbazole                  | 17.49 | 167  | 3455742  | 51.457 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.04 | 149  | 4229178  | 54.756 | ng    | 100      |
| 75) Fluoranthene               | 19.14 | 202  | 4252567  | 55.745 | ng    | 100      |
| 77) Benzidine                  | 19.34 | 184  | 2158203  | 70.956 | ng    | 100      |
| 78) Pyrene                     | 19.50 | 202  | 4371558  | 55.732 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.41 | 149  | 2008753  | 56.193 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.26 | 228  | 4335103  | 55.066 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 1714255  | 55.097 | ng    | 99       |
| 83) Chrysene                   | 21.31 | 228  | 4139407  | 54.857 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 2894589  | 55.324 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.06 | 149  | 4917151  | 55.918 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.79 | 276  | 4454300  | 51.129 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.84 | 252  | 4515199  | 58.986 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.89 | 252  | 3995381  | 52.428 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.41 | 252  | 4010089  | 55.300 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.80 | 278  | 3767402  | 52.439 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.48 | 276  | 3375506  | 50.468 | ng    | 99       |

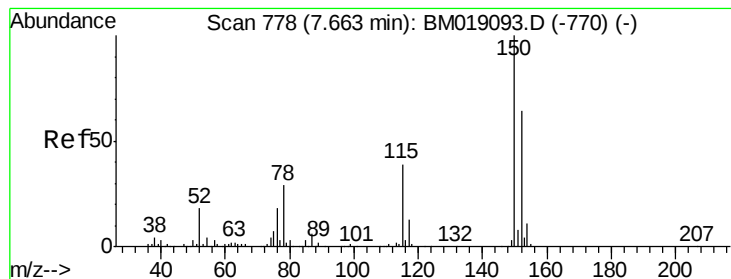
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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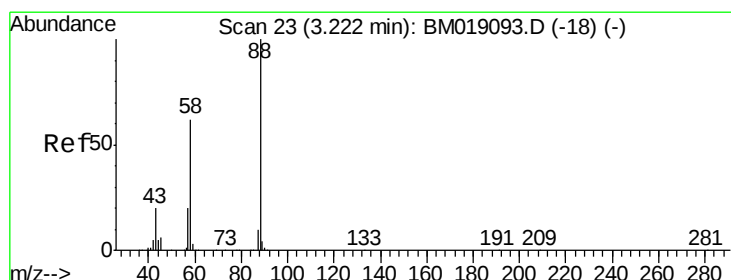
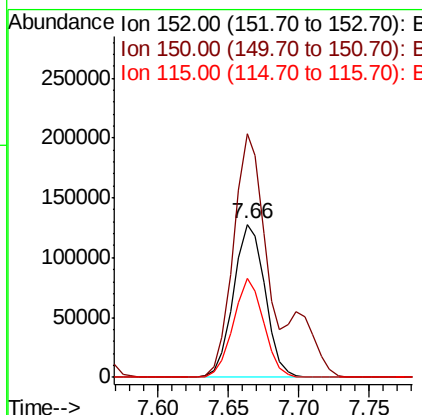
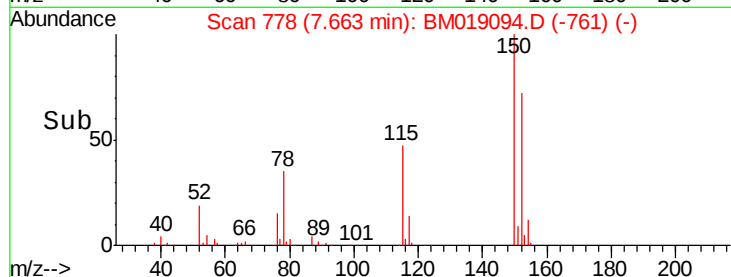
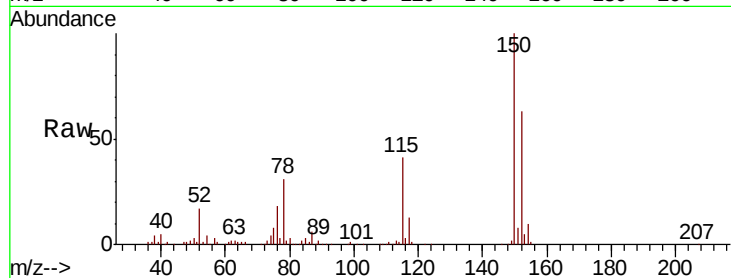


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.66 min Scan# 778  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampleId :

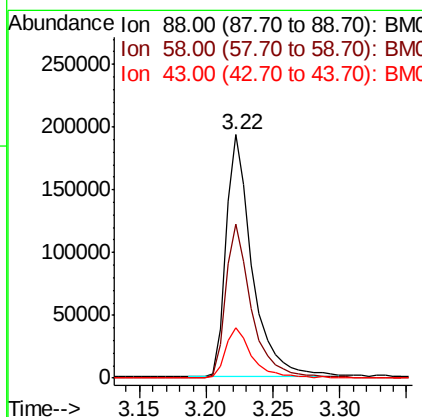
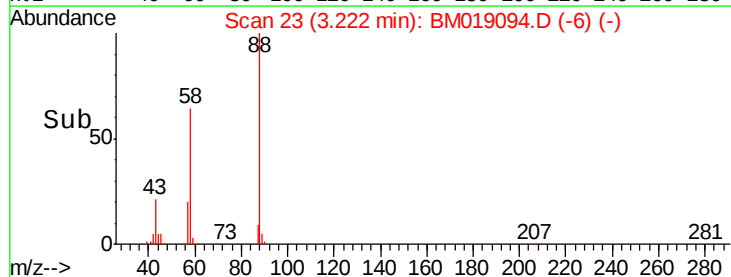
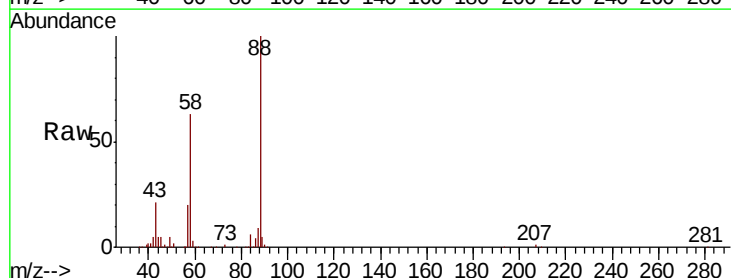
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 125.3 | 187.9 |
| 115     | 64.6  | 49.4  | 74.0  |

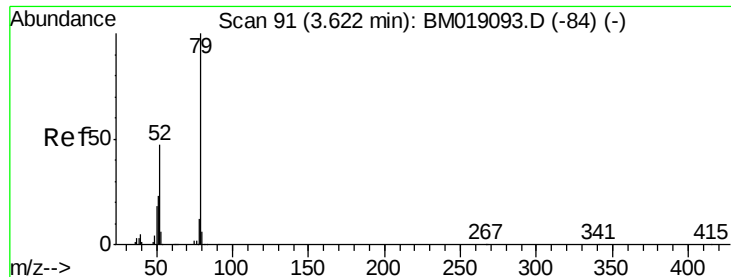


#2

1,4-Dioxane  
Concen: 50.054 ng  
RT: 3.22 min Scan# 23  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 62.9  | 50.0  | 75.0  |
| 43      | 21.5  | 17.0  | 25.4  |





#3

Pvridine

Concen: 50.630 ng

RT: 3.62 min Scan# 91

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

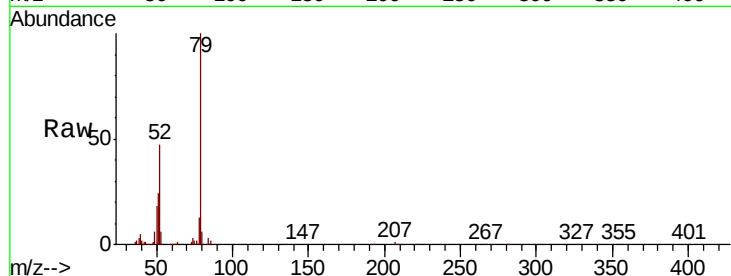
Tot Ion: 79 Resp: 732953

Ion Ratio Lower Upper

79 100

52 46.9 37.5 56.3

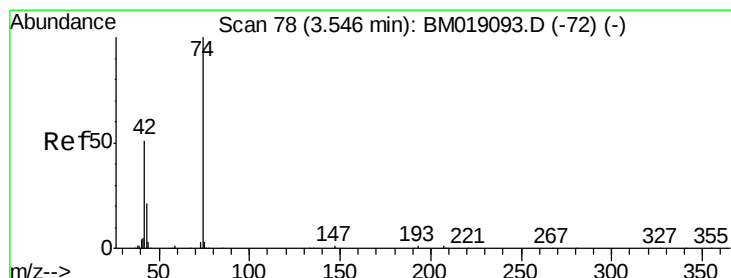
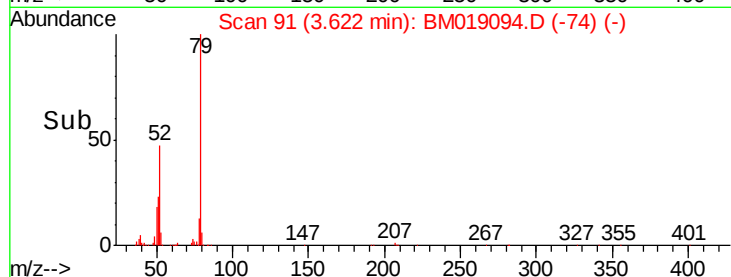
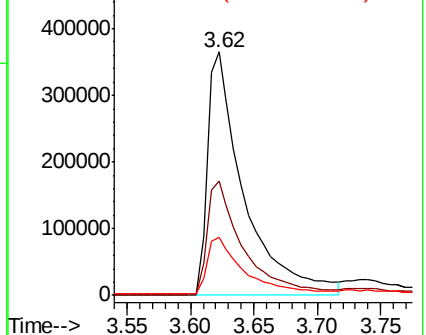
51 23.6 19.2 28.8



Abundance Ion 79.00 (78.70 to 79.70): BM019093.D (-84) (-)

Ion 52.00 (51.70 to 52.70): BM019093.D (-84) (-)

Ion 51.00 (50.70 to 51.70): BM019093.D (-84) (-)



#4

n-Nitrosodimethylamine

Concen: 63.323 ng

RT: 3.54 min Scan# 77

Delta R.T. -0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

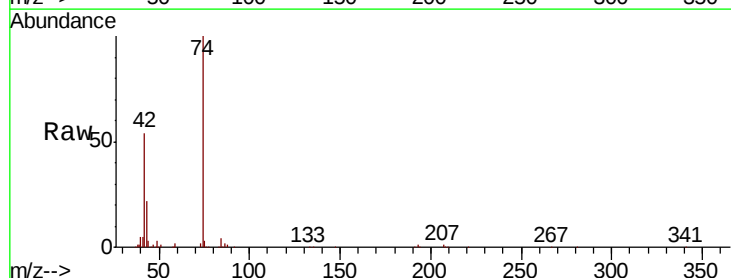
Tgt Ion: 42 Resp: 233208

Ion Ratio Lower Upper

42 100

74 186.8 156.3 234.5

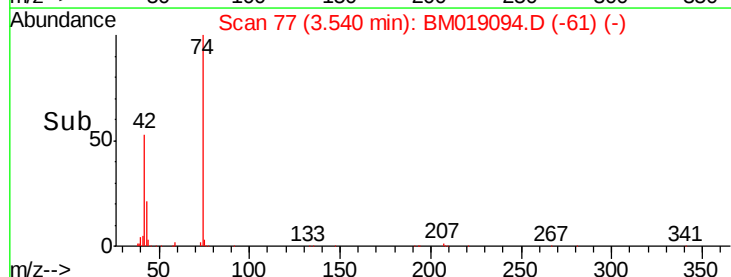
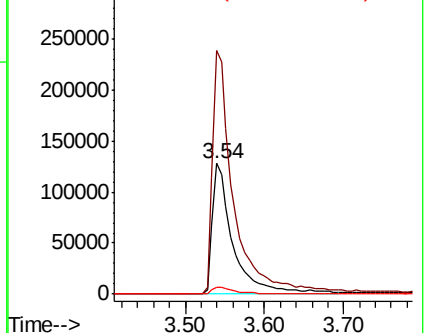
44 5.7 4.6 7.0

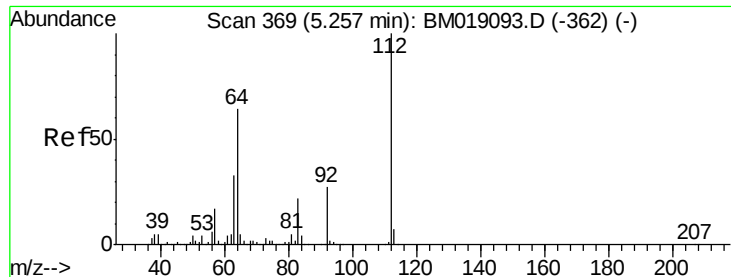


Abundance Ion 42.00 (41.70 to 42.70): BM019093.D (-72) (-)

Ion 74.00 (73.70 to 74.70): BM019093.D (-72) (-)

Ion 44.00 (43.70 to 44.70): BM019093.D (-72) (-)





#5

2-Fluorophenol

Concen: 102.807 ng

RT: 5.26 min Scan# 370

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

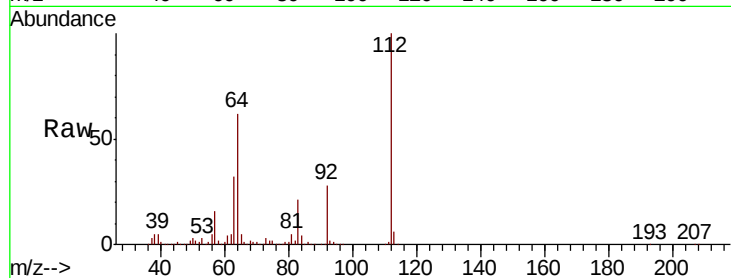
Tot Ion:112 Resp: 1252746

Ion Ratio Lower Upper

112 100

64 61.7 51.4 77.0

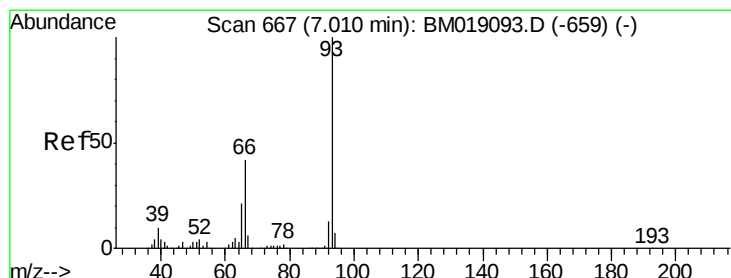
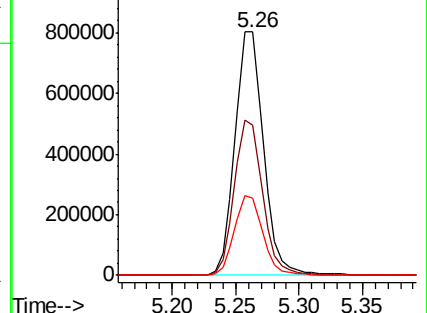
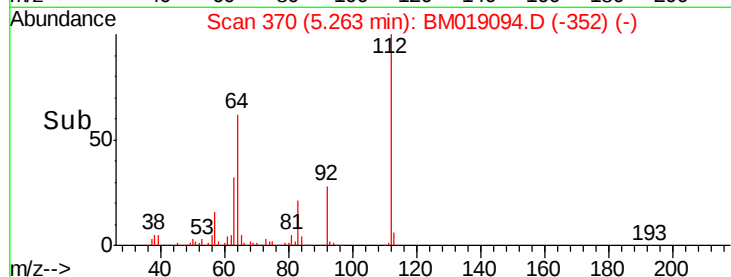
63 31.9 26.6 40.0



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: 57.945 ng

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

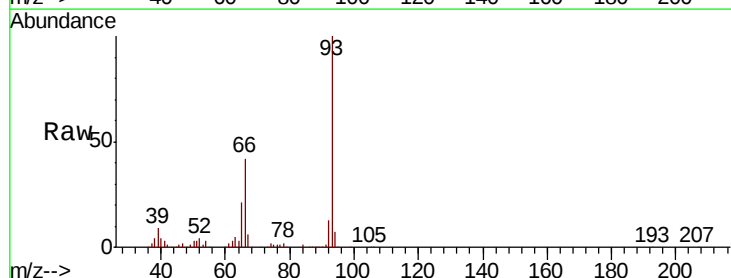
Tgt Ion: 93 Resp: 1218751

Ion Ratio Lower Upper

93 100

66 41.6 33.4 50.2

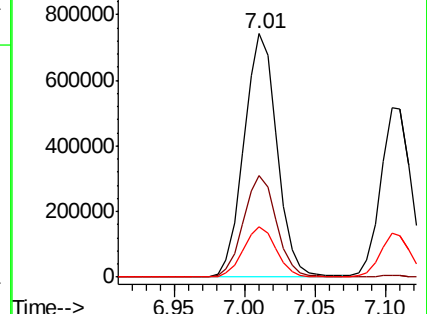
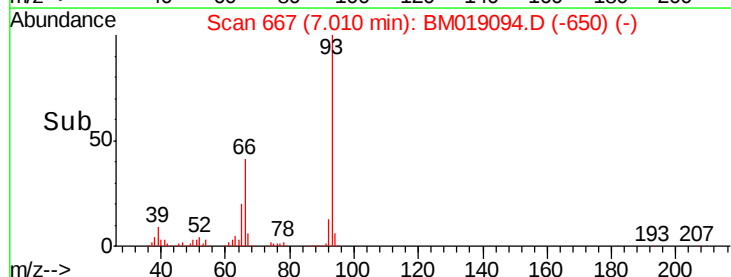
65 20.6 16.8 25.2

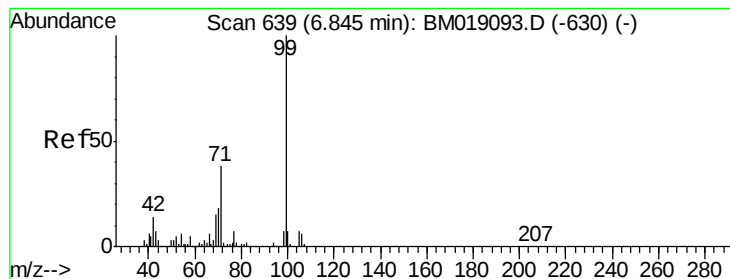


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 109.769 ng

RT: 6.85 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

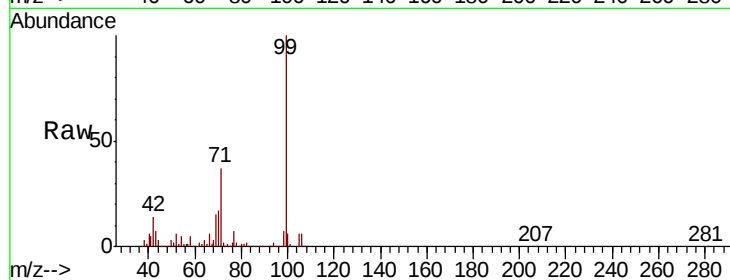
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 1884331

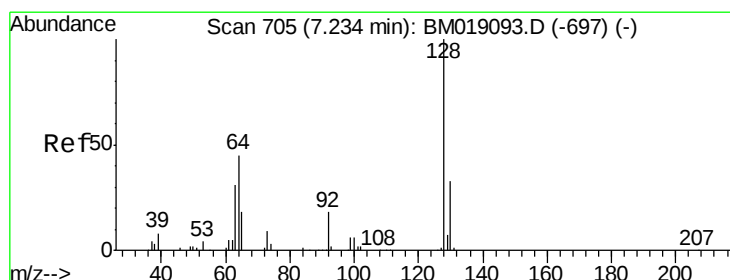
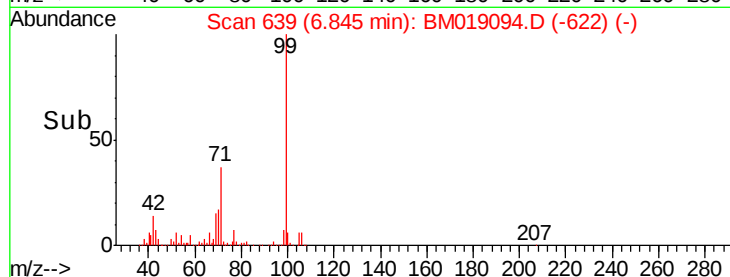
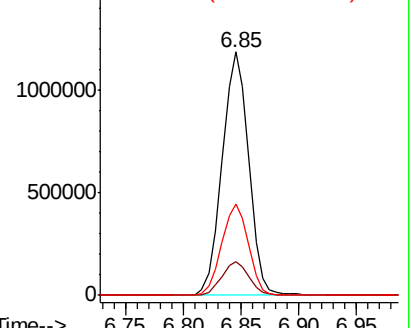
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.8  | 10.9  | 16.3  |
| 71  | 37.4  | 30.3  | 45.5  |



Abundance Ion 99.00 (98.70 to 99.70): BM019094.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM019094.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM019094.D (-630) (-)



#8

2-Chlorophenol

Concen: 57.207 ng

RT: 7.23 min Scan# 705

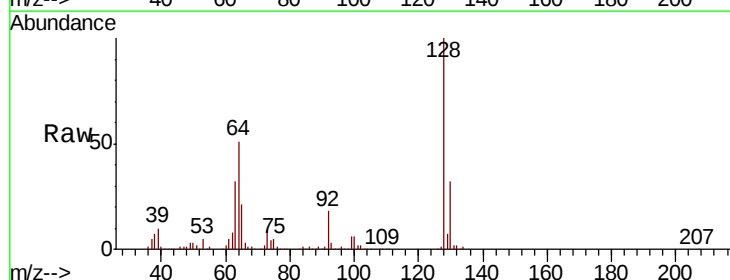
Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Tgt Ion: 128 Resp: 765352

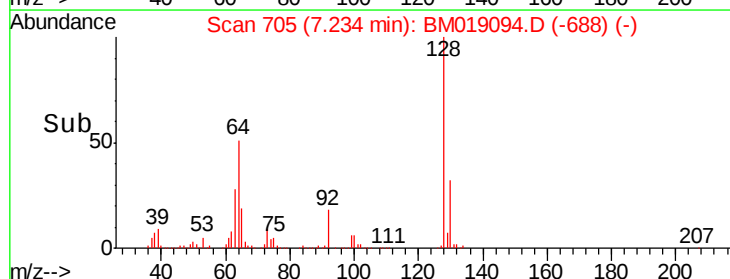
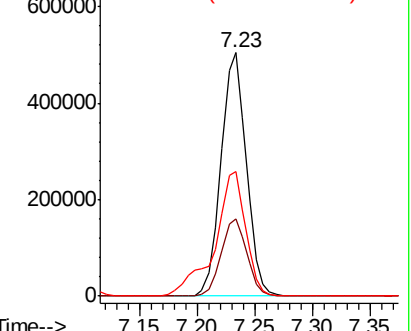
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.8  | 12.8  | 52.8  |
| 64  | 51.0  | 30.8  | 70.8  |

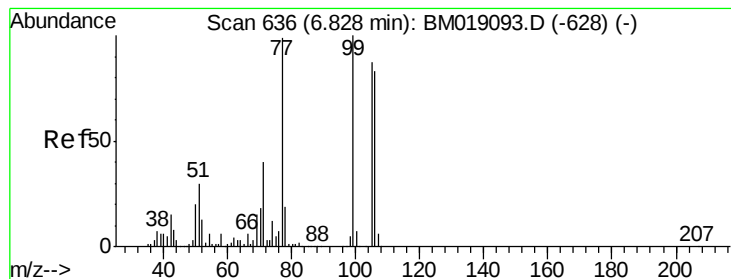


Abundance Ion 128.00 (127.70 to 128.70): BM019094.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM019094.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM019094.D (-697) (-)





#9

Benzaldehyde

Concen: 57.512 ng

RT: 6.83 min Scan# 636

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

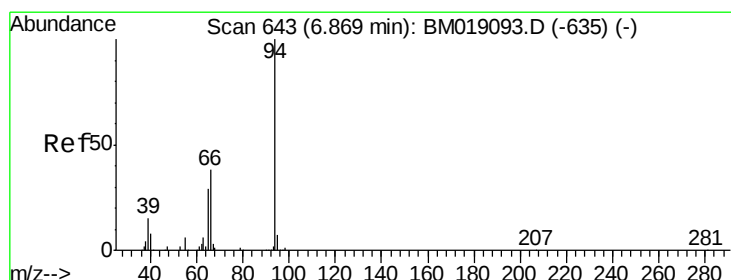
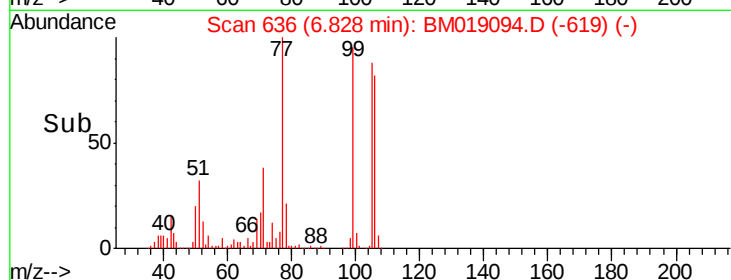
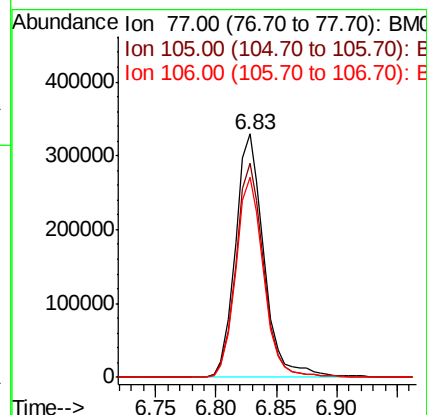
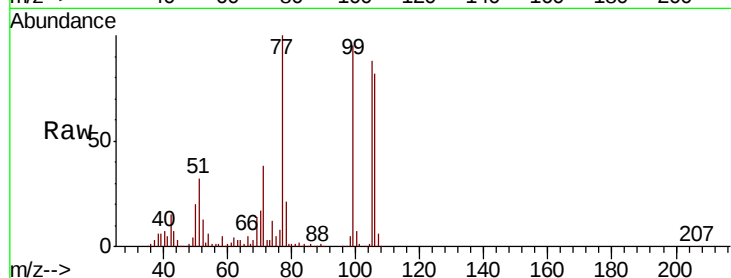
Tot Ion: 77 Resp: 540373

Ion Ratio Lower Upper

77 100

105 88.2 67.7 107.7

106 82.2 64.1 104.1



#10

Phenol

Concen: 56.437 ng

RT: 6.87 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

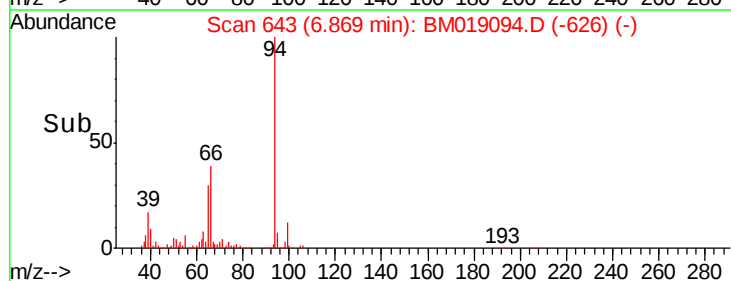
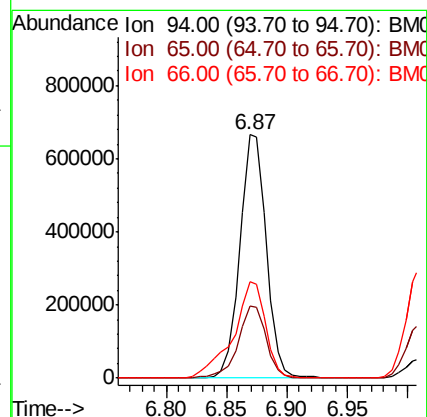
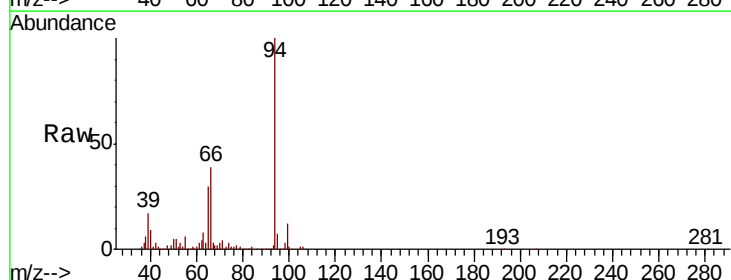
Tgt Ion: 94 Resp: 1019377

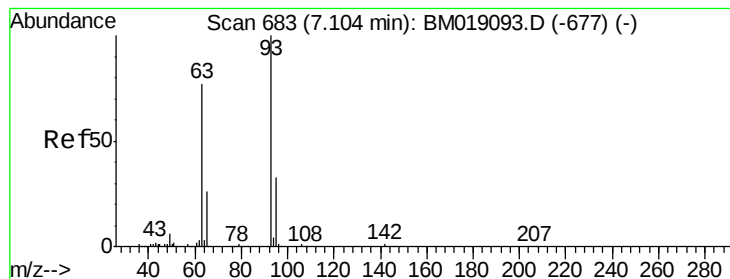
Ion Ratio Lower Upper

94 100

65 29.9 9.7 49.7

66 39.4 19.2 59.2





#11

bis(2-Chloroethyl)ether

Concen: 55.735 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampled :

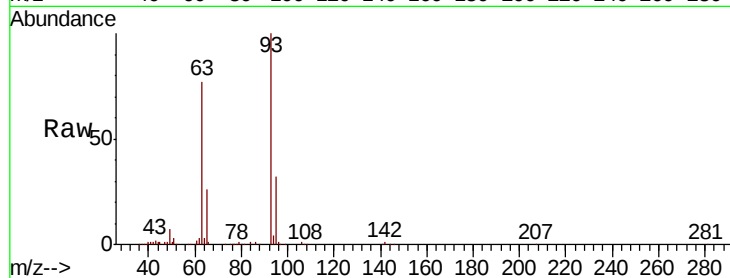
Tot Ion: 93 Resp: 767940

Ion Ratio Lower Upper

93 100

63 76.9 56.6 96.6

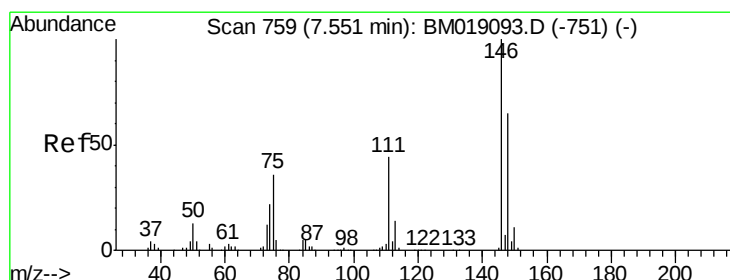
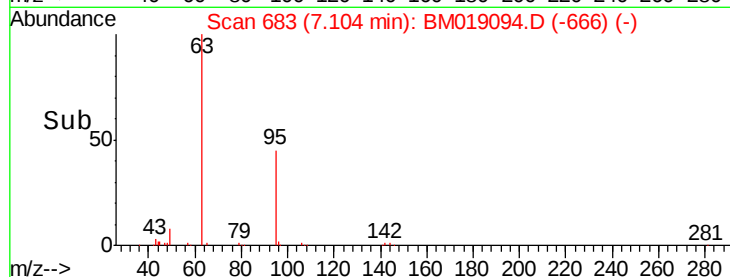
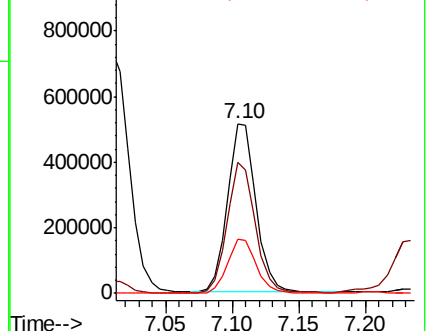
95 31.8 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BM019093.D (-677) (-)

Ion 63.00 (62.70 to 63.70): BM019093.D (-677) (-)

Ion 95.00 (94.70 to 95.70): BM019093.D (-677) (-)



#12

1,3-Dichlorobenzene

Concen: 52.508 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

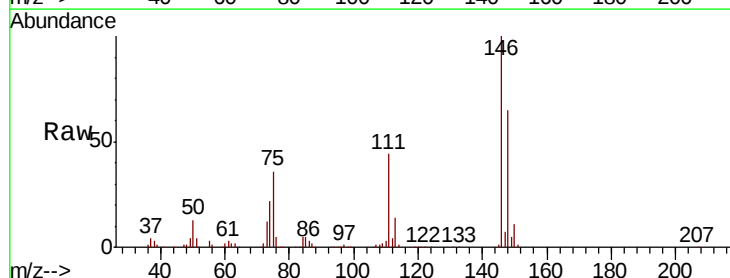
Tgt Ion: 146 Resp: 789910

Ion Ratio Lower Upper

146 100

148 64.8 51.7 77.5

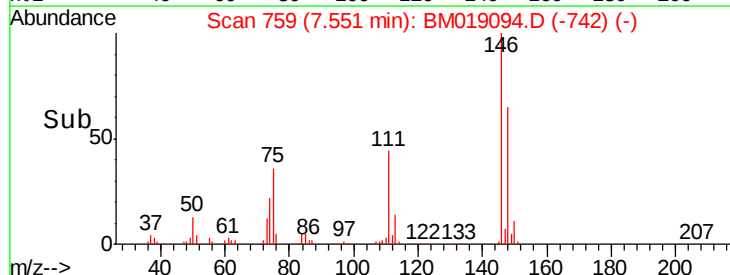
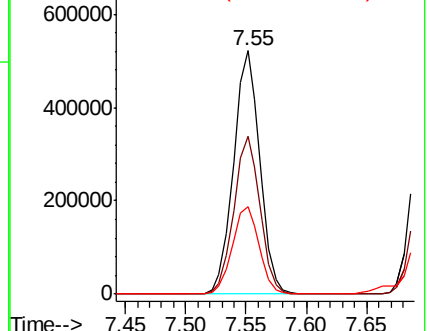
75 36.1 29.1 43.7

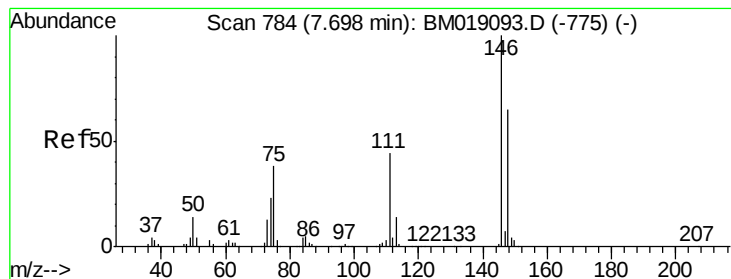


Abundance Ion 146.00 (145.70 to 146.70): BM019093.D (-751) (-)

Ion 148.00 (147.70 to 148.70): BM019093.D (-751) (-)

Ion 75.00 (74.70 to 75.70): BM019093.D (-751) (-)





#13

1,4-Dichlorobenzene

Concen: 52.520 ng

RT: 7.70 min Scan# 784

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

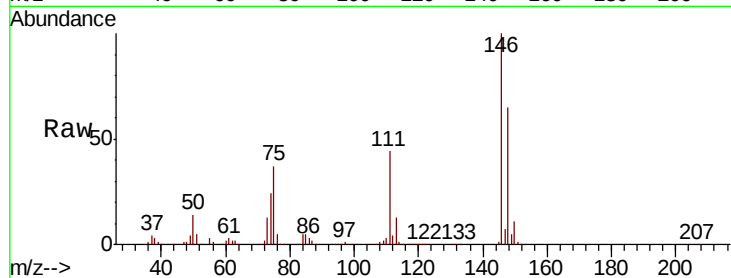
Tot Ion:146 Resp: 804344

Ion Ratio Lower Upper

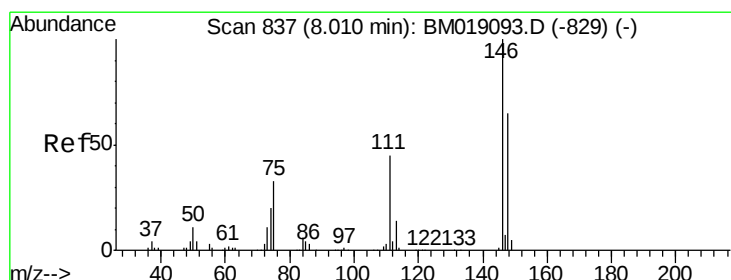
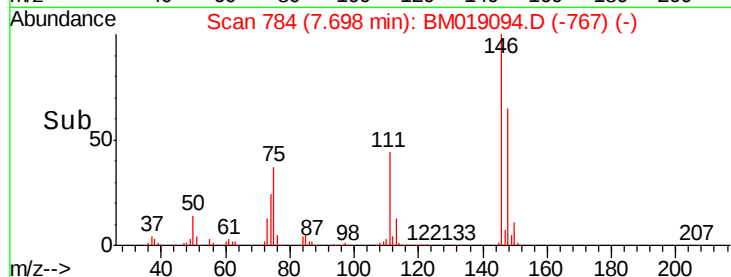
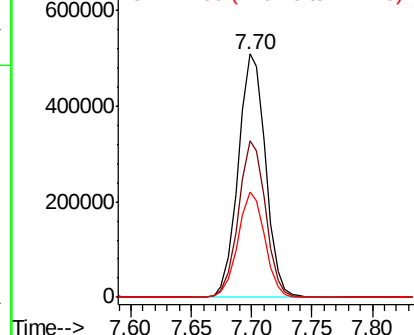
146 100

148 64.6 51.8 77.6

111 43.5 35.4 53.0



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: 53.353 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

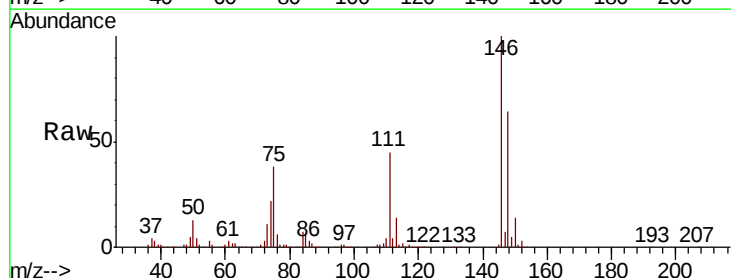
Tgt Ion:146 Resp: 784862

Ion Ratio Lower Upper

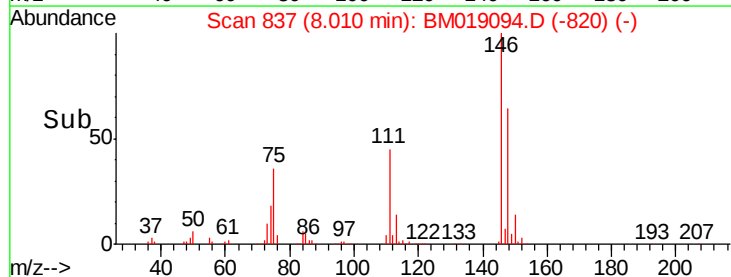
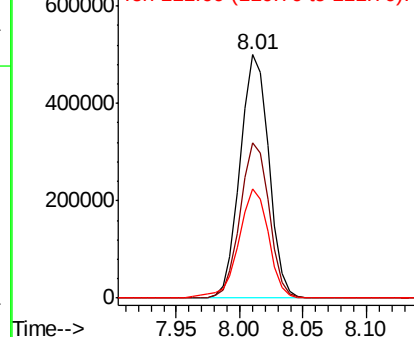
146 100

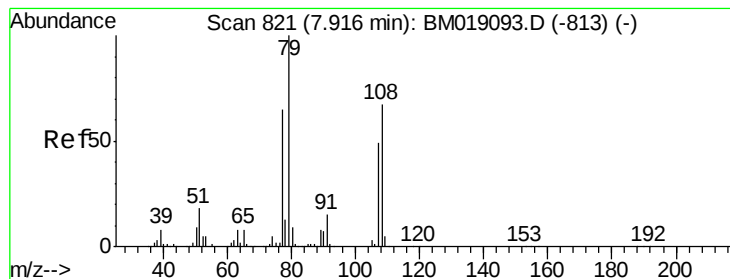
148 63.7 51.8 77.6

111 44.7 36.2 54.4



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: 57.926 ng

RT: 7.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

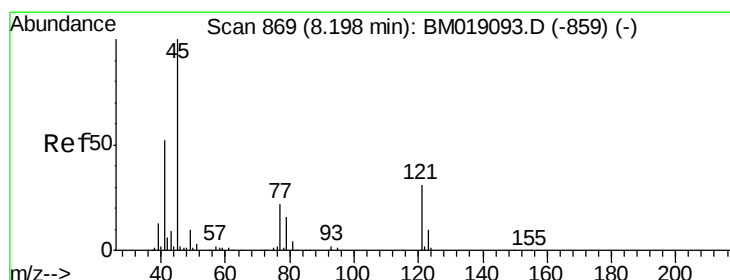
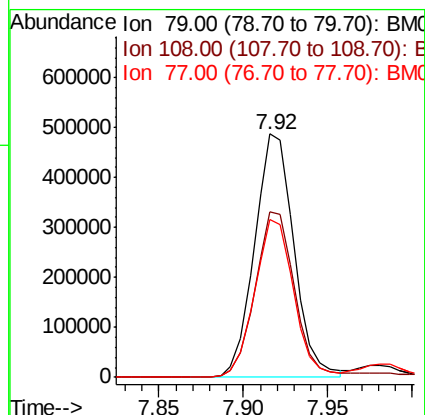
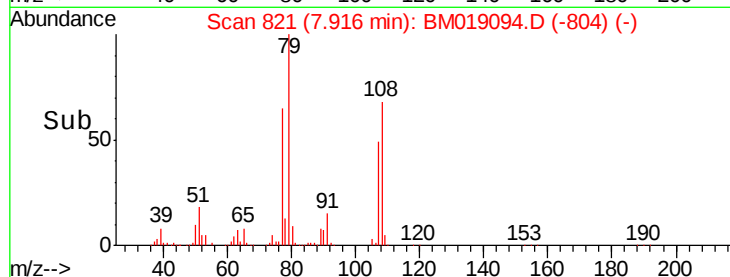
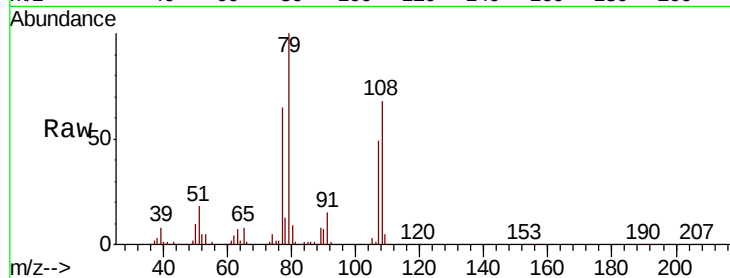
Tot Ion: 79 Resp: 790117

Ion Ratio Lower Upper

79 100

108 68.0 53.7 80.5

77 65.1 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 57.339 ng

RT: 8.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

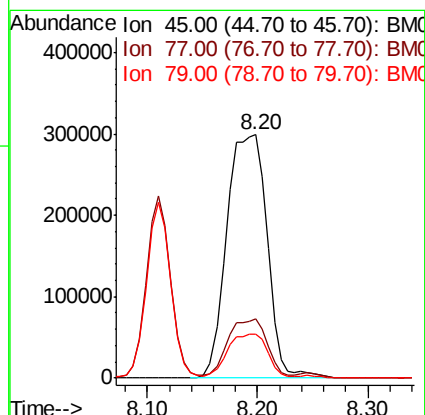
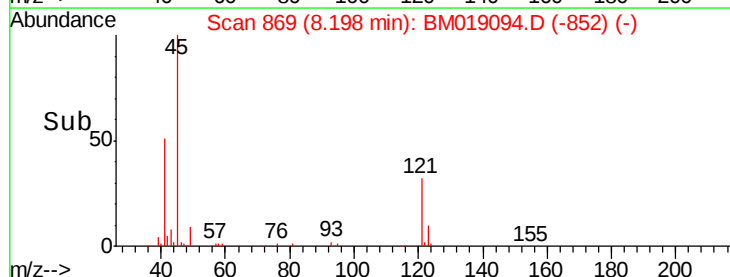
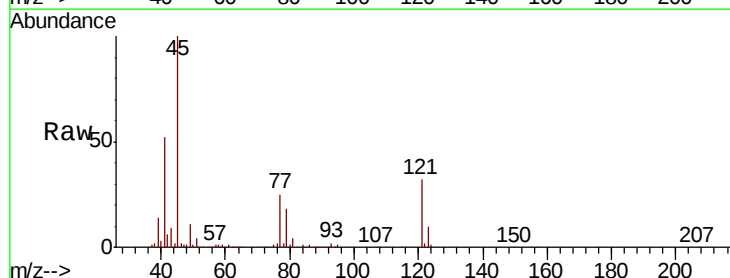
Tgt Ion: 45 Resp: 764638

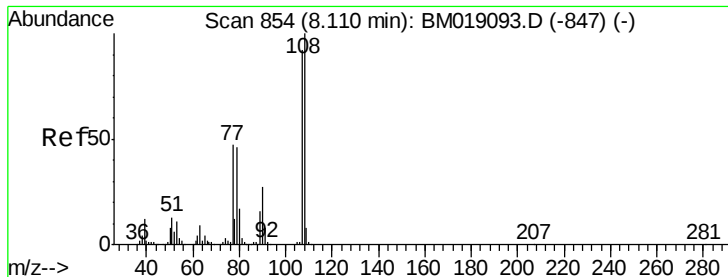
Ion Ratio Lower Upper

45 100

77 24.6 4.1 44.1

79 18.2 0.0 38.1

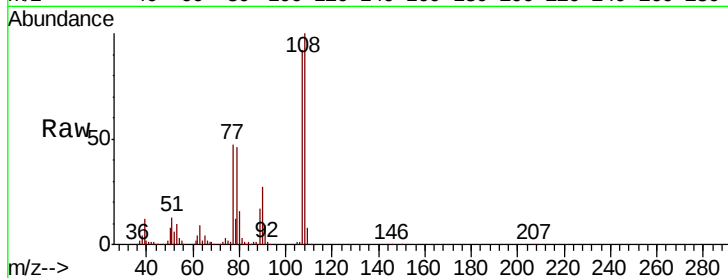




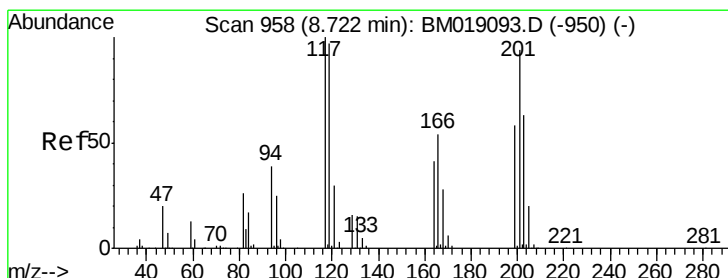
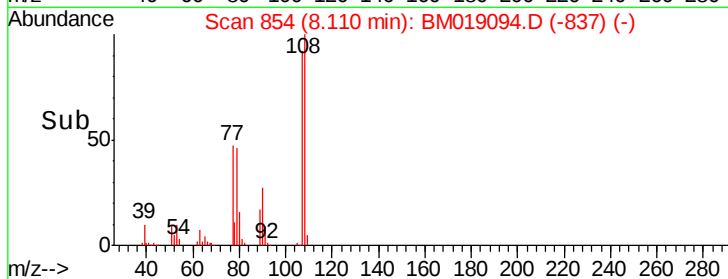
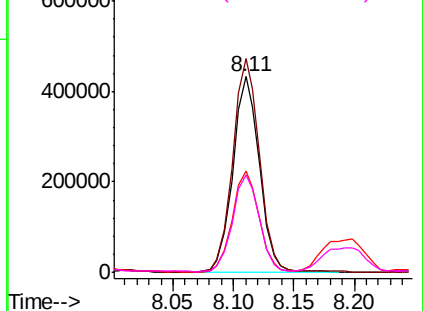
#17  
2-Methylphenol  
Concen: 57.432 ng  
RT: 8.11 min Scan# 854  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 660244 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.2 | 87.4  | 131.2  |
| 77       | 51.5  | 41.6  | 62.4   |
| 79       | 49.9  | 40.6  | 60.8   |

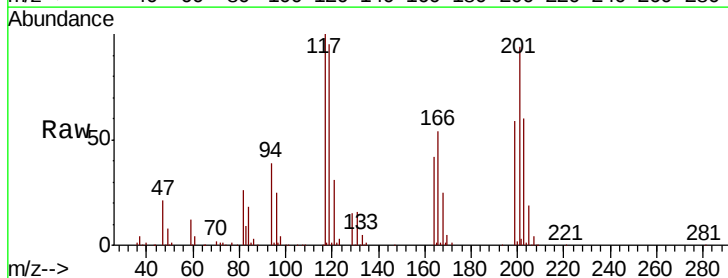


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

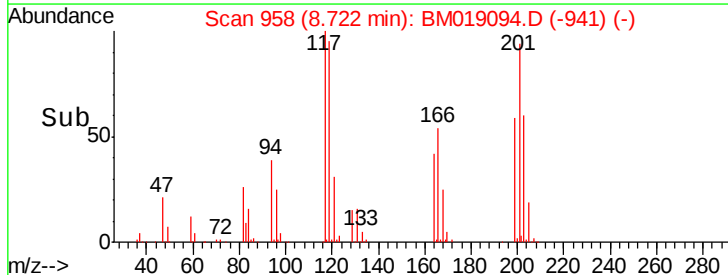
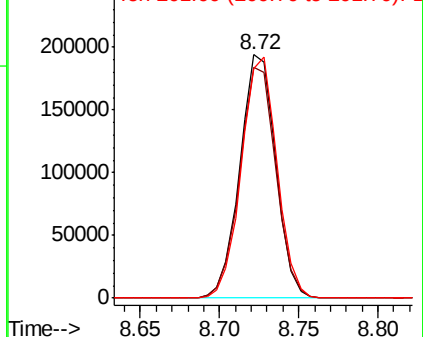


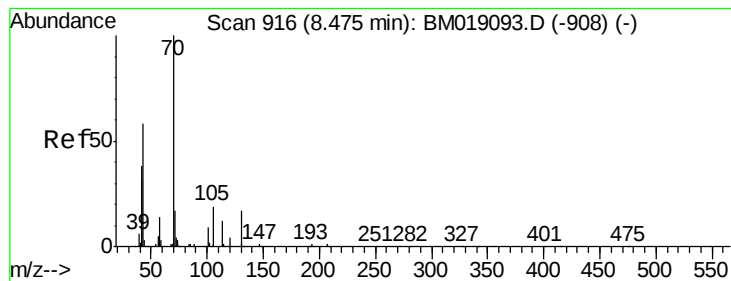
#18  
Hexachloroethane  
Concen: 54.417 ng  
RT: 8.72 min Scan# 958  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 304227 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.6  | 77.4  | 116.2  |
| 201      | 94.3  | 75.2  | 112.8  |



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





#19

n-Nitroso-di-n-propylamine

Concen: 58.199 ng

RT: 8.48 min Scan# 917

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 773551

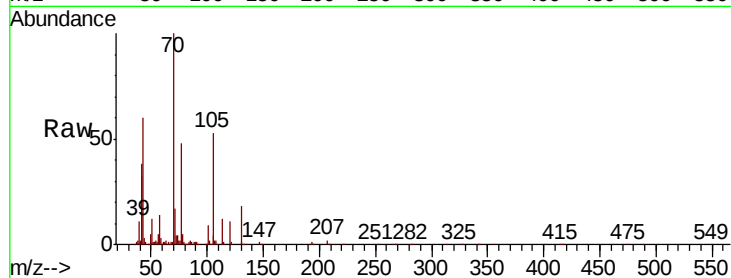
Ion Ratio Lower Upper

70 100

42 37.7 30.6 45.8

101 8.5 6.8 10.2

130 18.1 13.9 20.9

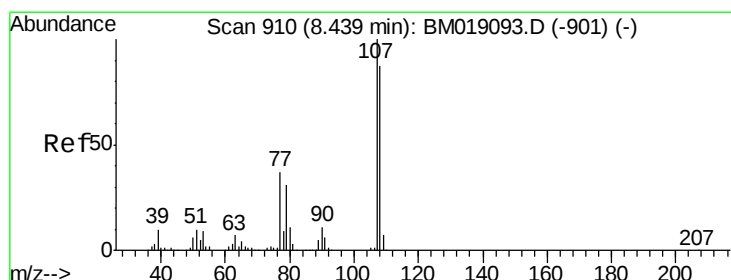
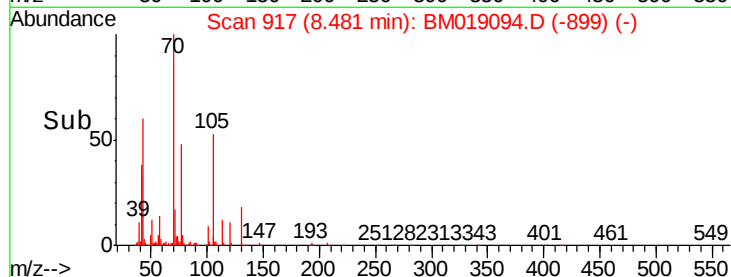
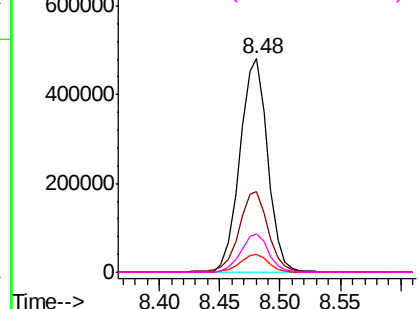


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 57.420 ng

RT: 8.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Tgt Ion:107 Resp: 911514

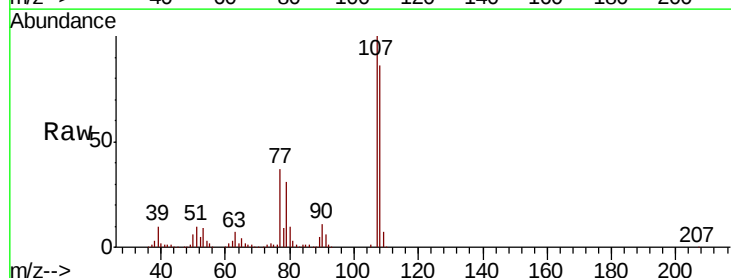
Ion Ratio Lower Upper

107 100

108 85.6 67.0 107.0

77 37.4 17.3 57.3

79 30.8 11.6 51.6

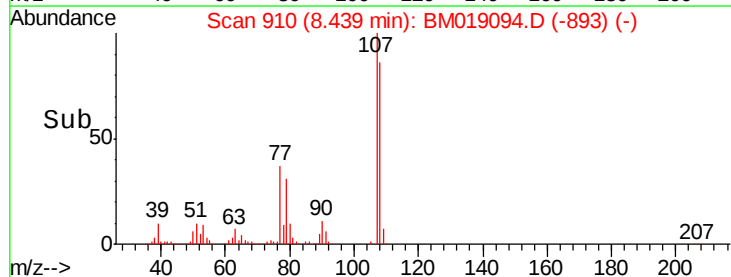
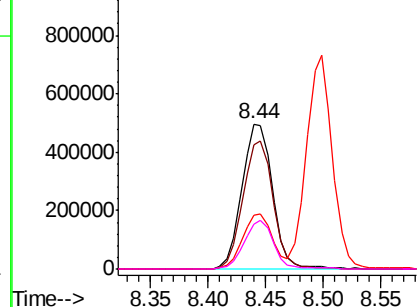


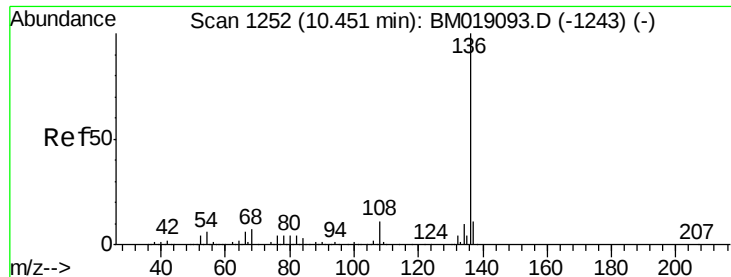
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 926865

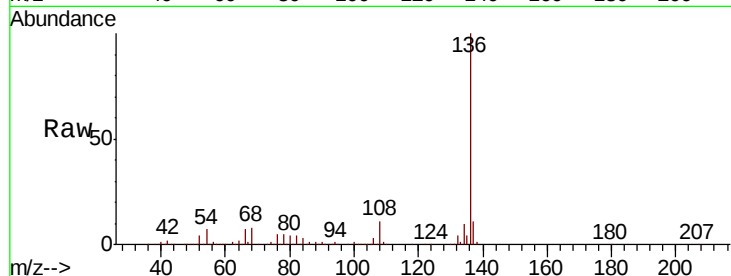
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 6.7 5.2 7.8

68 7.8 5.8 8.8

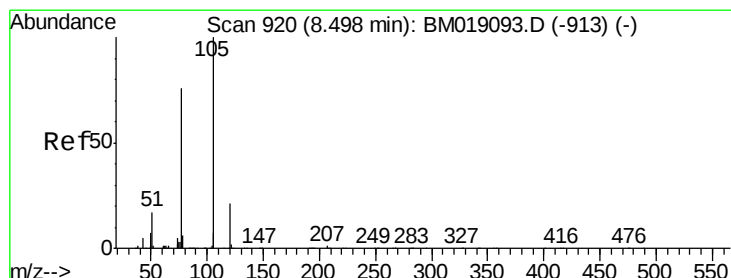
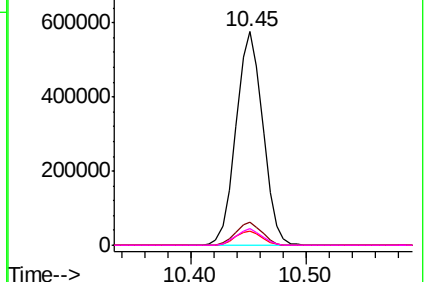
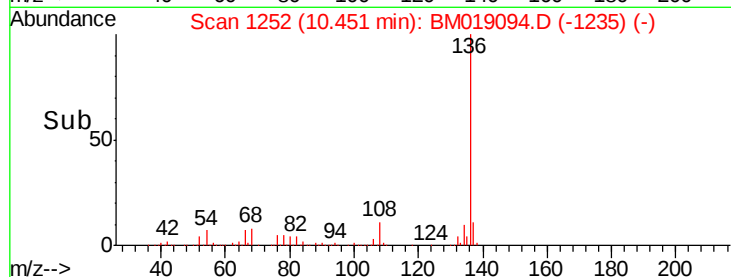


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0



#22

Acetophenone

Concen: 51.968 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Tgt Ion:105 Resp: 1322761

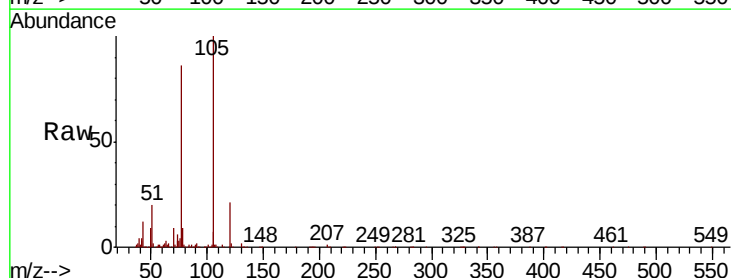
Ion Ratio Lower Upper

105 100

71 1.4 0.8 1.2#

51 20.0 15.8 23.6

120 21.4 17.0 25.4

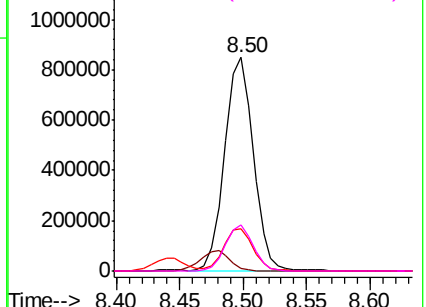
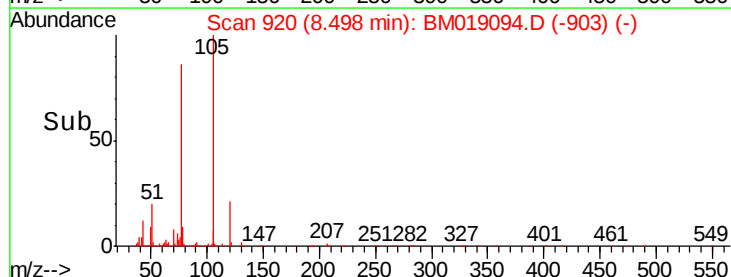


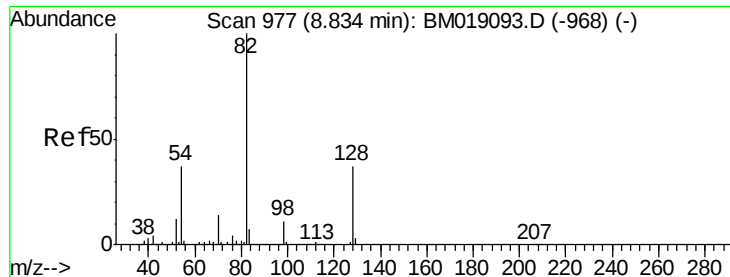
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E

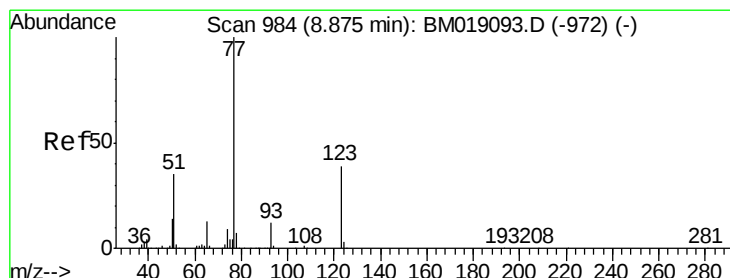
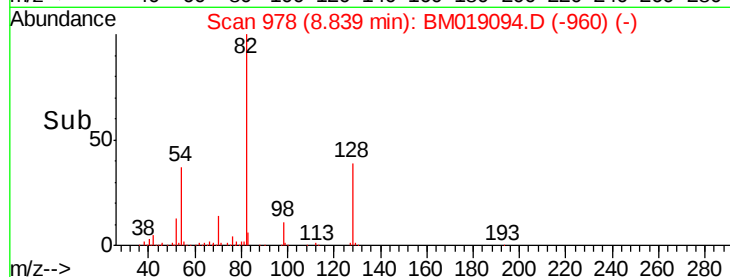
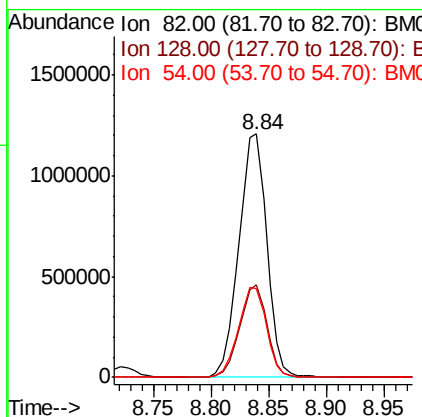
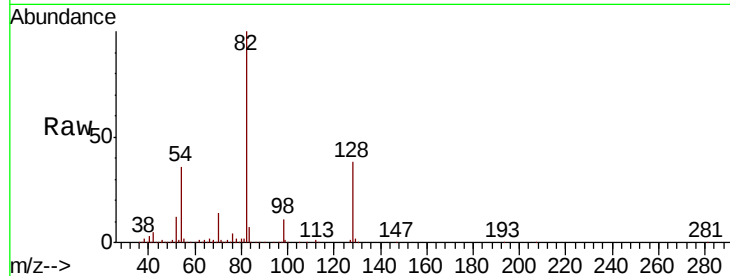




#23  
 Nitrobenzene-d5  
 Concen: 101.498 ng  
 RT: 8.84 min Scan# 978  
 Delta R.T. 0.01 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

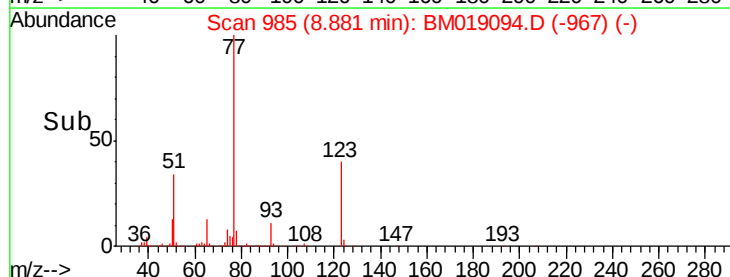
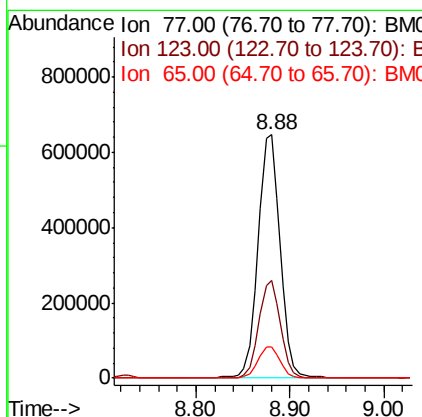
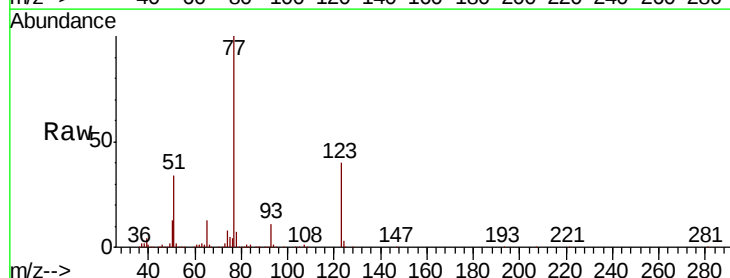
Instrument :  
 BNA\_M  
 ClientSampleId :

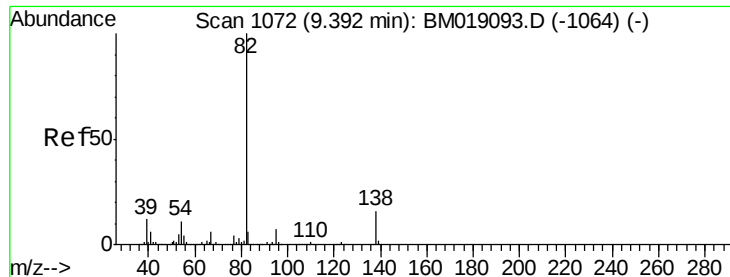
Tot Ion: 82 Resp: 2034544  
 Ion Ratio Lower Upper  
 82 100  
 128 37.9 29.4 44.2  
 54 36.3 29.9 44.9



#24  
 Nitrobenzene  
 Concen: 50.510 ng  
 RT: 8.88 min Scan# 985  
 Delta R.T. 0.01 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

Tgt Ion: 77 Resp: 1050961  
 Ion Ratio Lower Upper  
 77 100  
 123 40.2 31.3 46.9  
 65 12.6 10.5 15.7





#25

Isophorone

Concen: 60.825 ng

RT: 9.40 min Scan# 1073

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

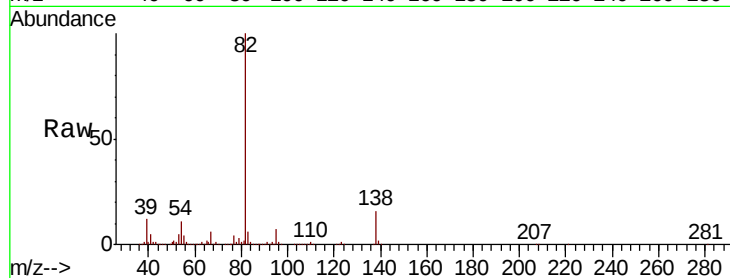
Tot Ion: 82 Resp: 1945434

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

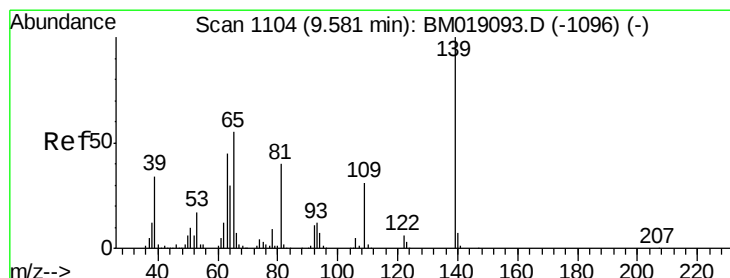
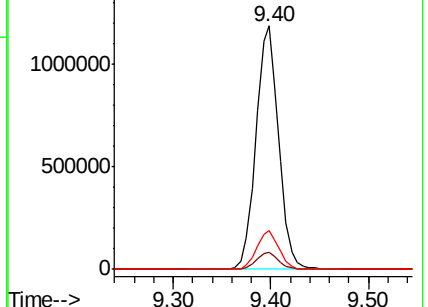
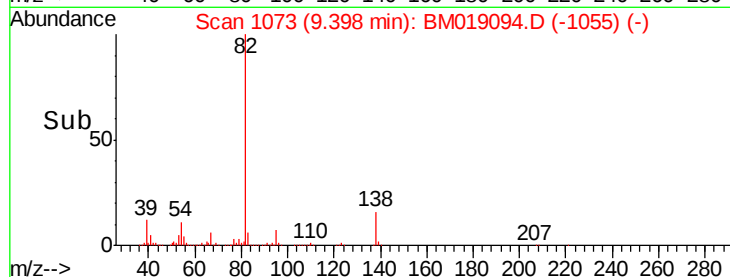
138 15.8 12.6 18.8



Abundance Ion 82.00 (81.70 to 82.70): BM019094.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM019094.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM019094.D (-1064) (-)



#26

2-Nitrophenol

Concen: 55.161 ng

RT: 9.58 min Scan# 1104

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

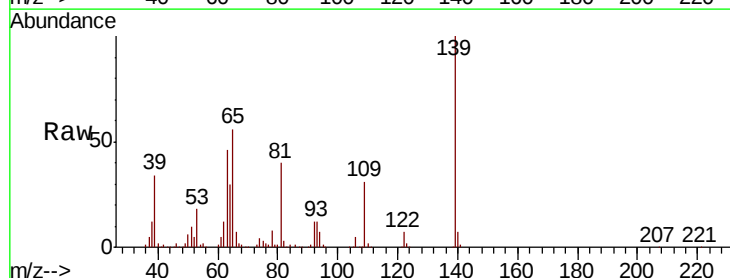
Tgt Ion: 139 Resp: 457074

Ion Ratio Lower Upper

139 100

109 30.6 24.5 36.7

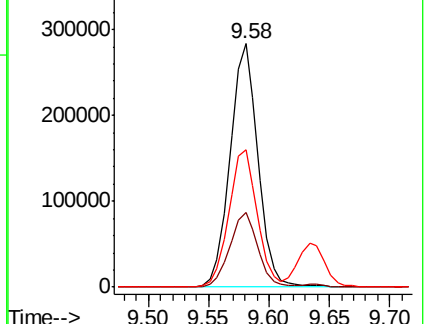
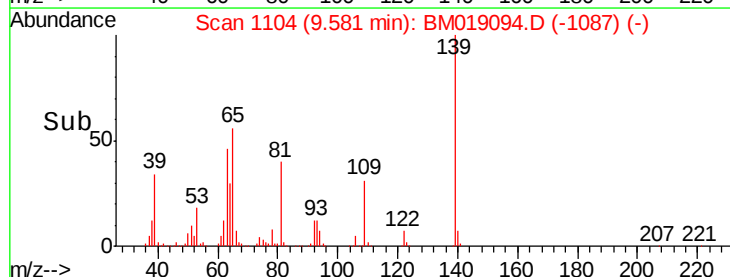
65 56.2 44.4 66.6

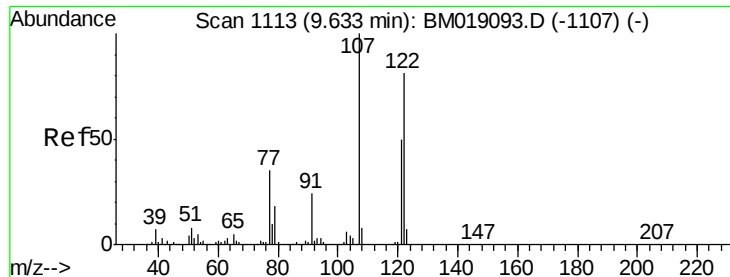


Abundance Ion 139.00 (138.70 to 139.70): BM019094.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM019094.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM019094.D (-1096) (-)

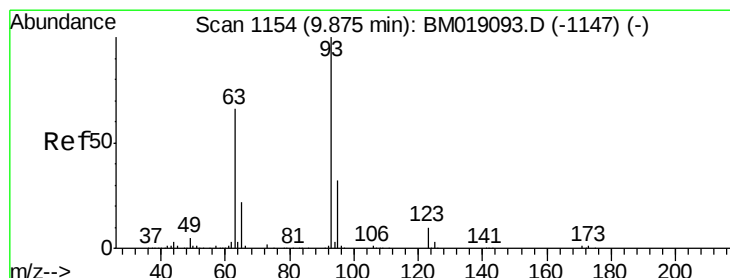
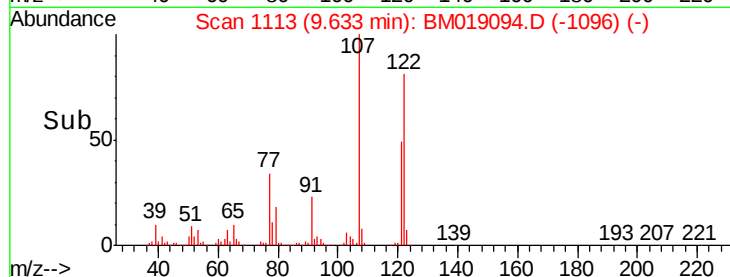
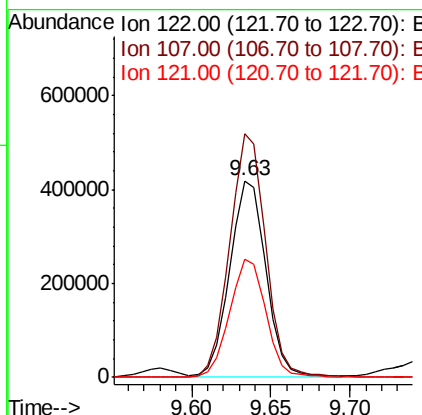
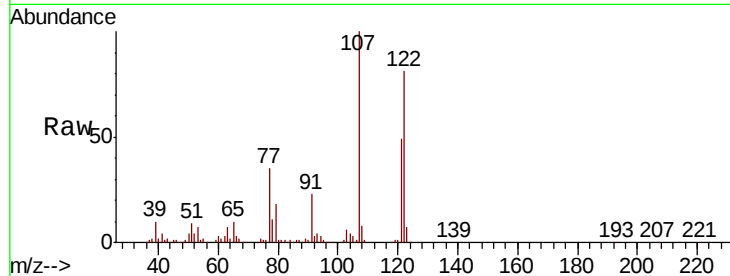




#27  
 2,4-Dimethylphenol  
 Concen: 54.186 ng  
 RT: 9.63 min Scan# 1113  
 Delta R.T. -0.00 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

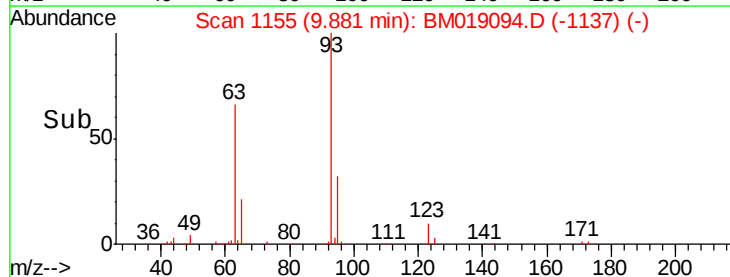
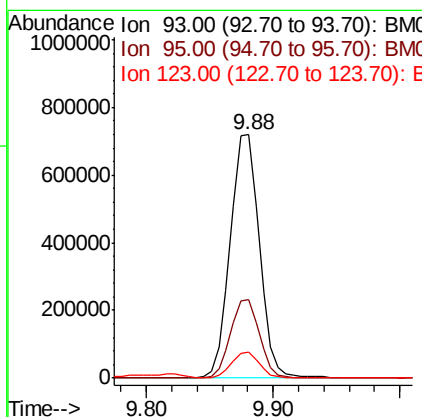
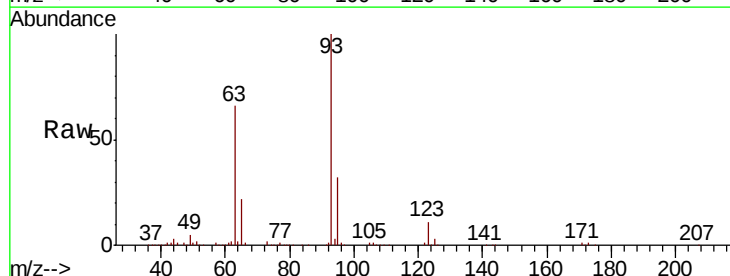
Instrument :  
 BNA\_M  
 ClientSampleId :

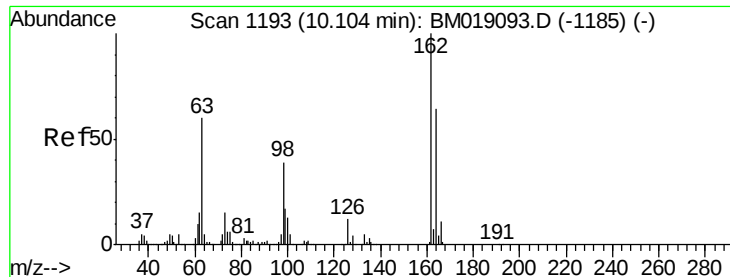
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 123.7 | 98.2  | 147.4 |
| 121     | 60.2  | 48.8  | 73.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 55.264 ng  
 RT: 9.88 min Scan# 1155  
 Delta R.T. 0.01 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 25.8  | 38.8  |
| 123     | 10.7  | 7.9   | 11.9  |

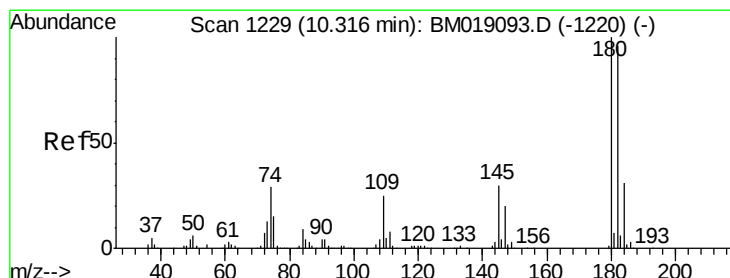
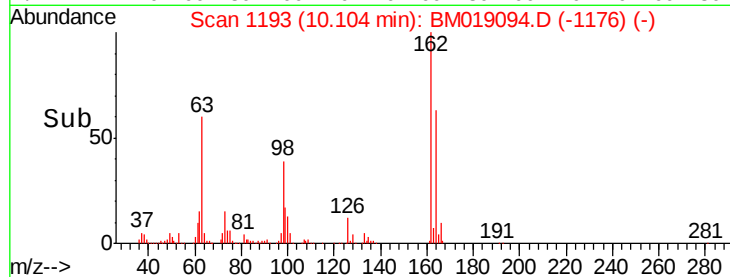
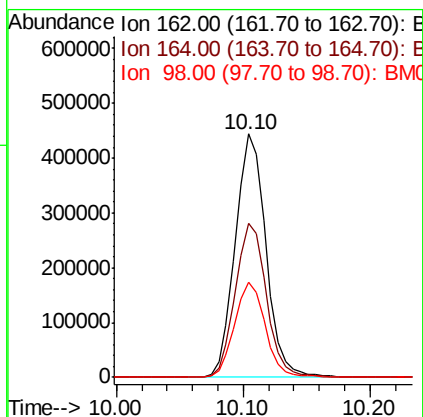
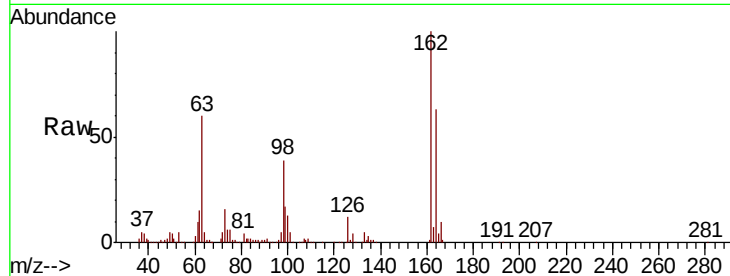




#29  
 2,4-Dichlorophenol  
 Concen: 53.623 ng  
 RT: 10.10 min Scan# 1193  
 Delta R.T. 0.00 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

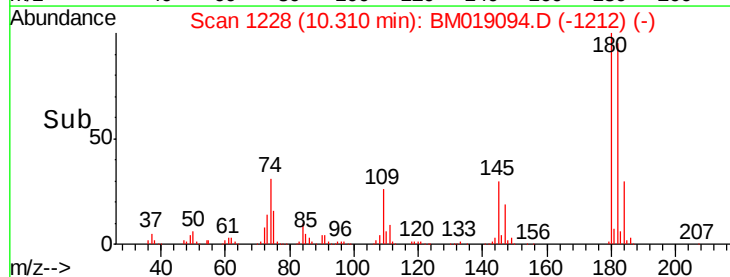
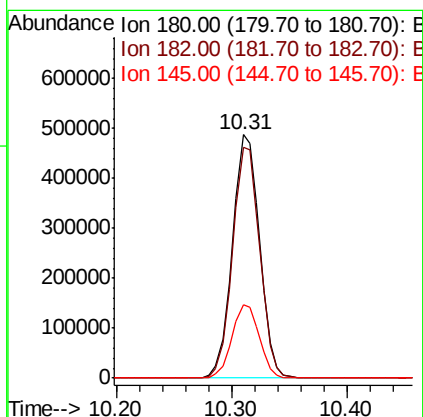
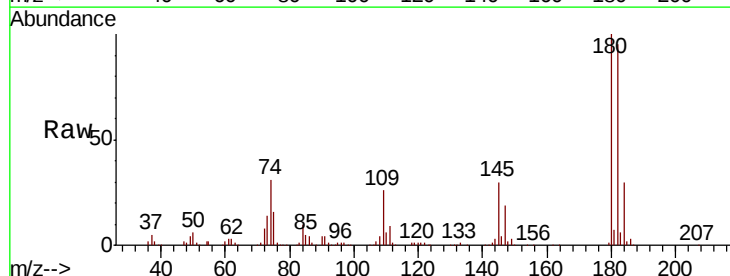
Instrument :  
 BNA\_M  
 ClientSampled :

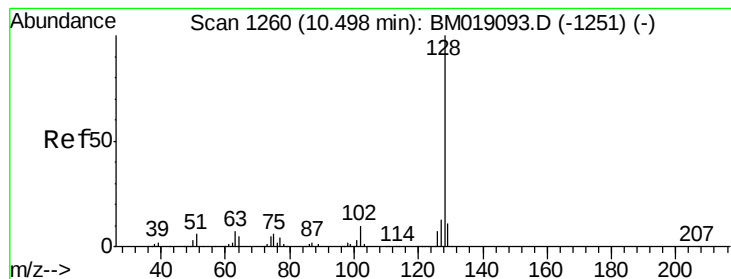
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.1  | 43.5  | 83.5  |
| 98      | 39.3  | 19.1  | 59.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 49.433 ng  
 RT: 10.31 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 76.6  | 114.8 |
| 145     | 30.3  | 24.3  | 36.5  |





#31

Naphthalene

Concen: 54.430 ng

RT: 10.50 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

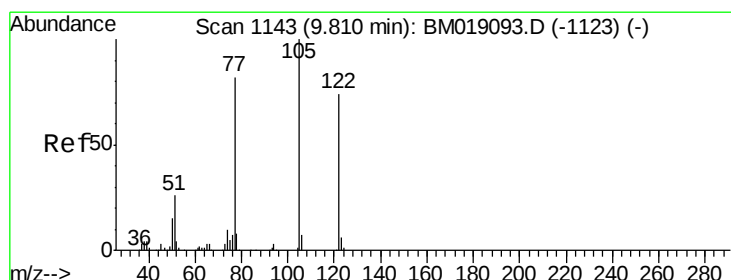
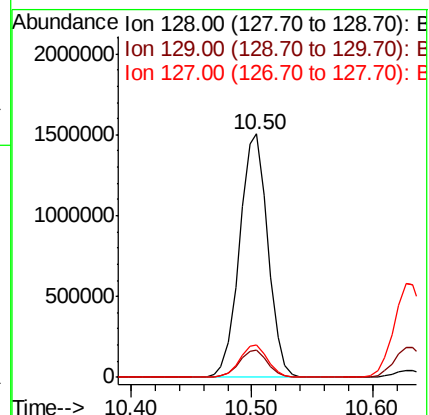
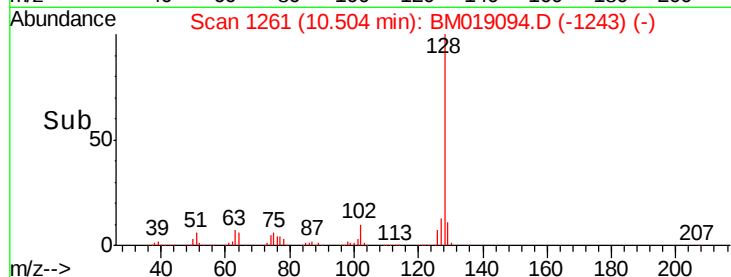
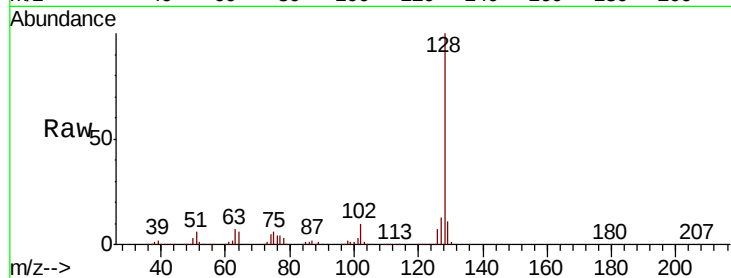
Tot Ion:128 Resp: 2460450

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.4 10.4 15.6



#32

Benzoic acid

Concen: 48.635 ng

RT: 9.82 min Scan# 1145

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

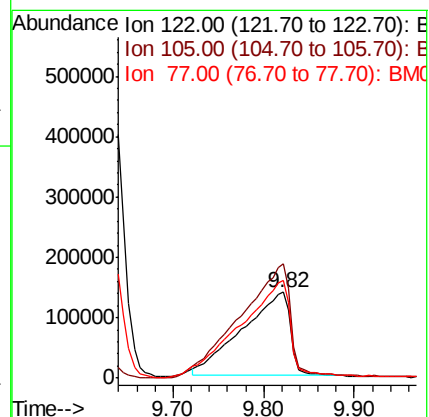
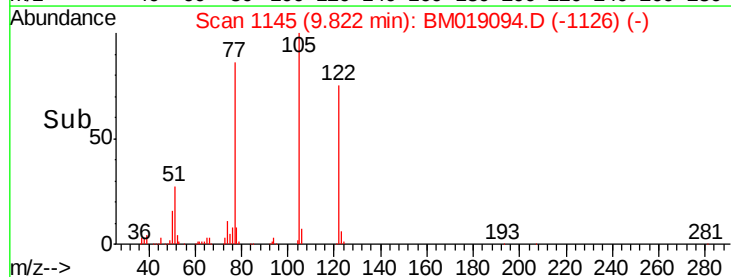
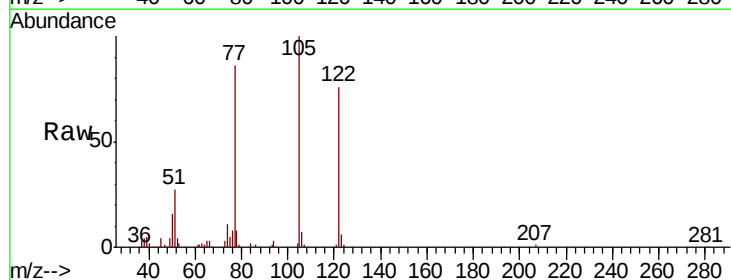
Tgt Ion:122 Resp: 513441

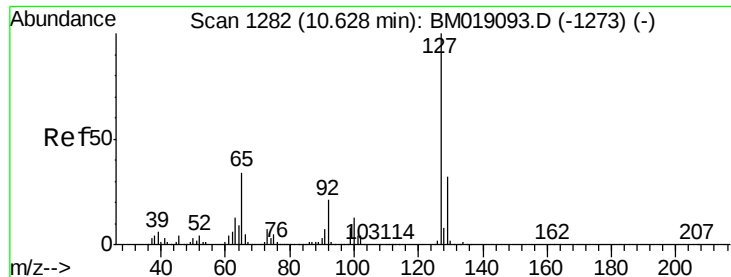
Ion Ratio Lower Upper

122 100

105 132.4 113.0 153.0

77 114.0 90.1 130.1

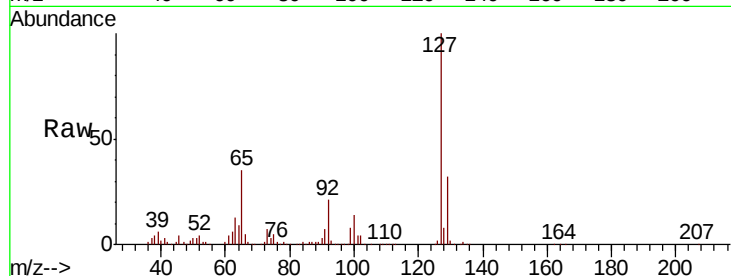




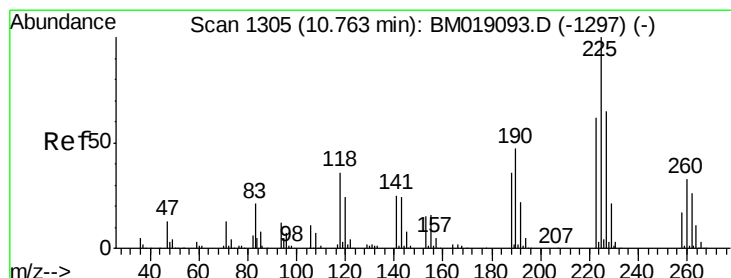
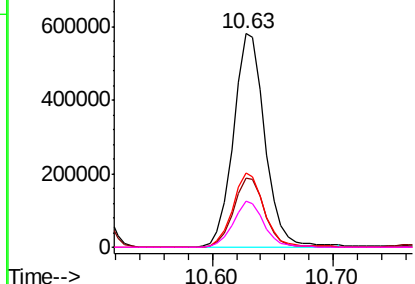
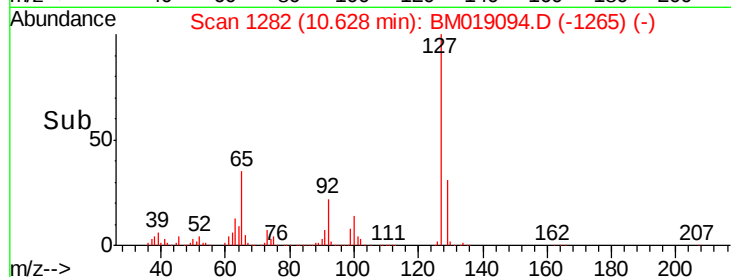
#33  
4-Chloroaniline  
Concen: 52.357 ng  
RT: 10.63 min Scan# 1282  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:127 Resp: 1057971  
Ion Ratio Lower Upper  
127 100  
129 32.1 25.3 37.9  
65 34.7 27.4 41.2  
92 21.4 16.8 25.2

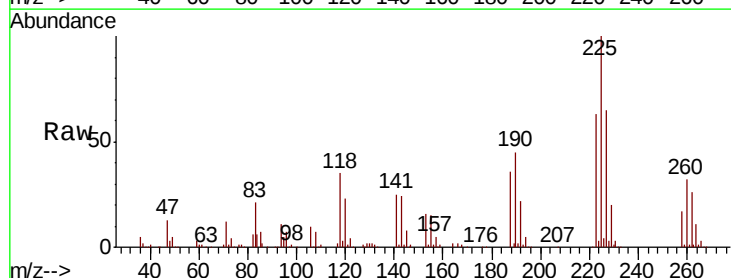


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

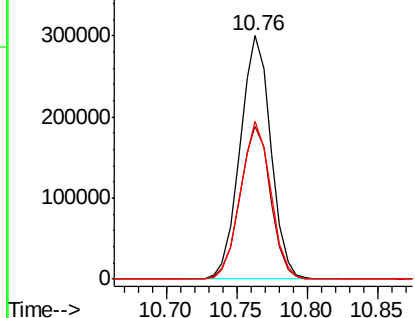
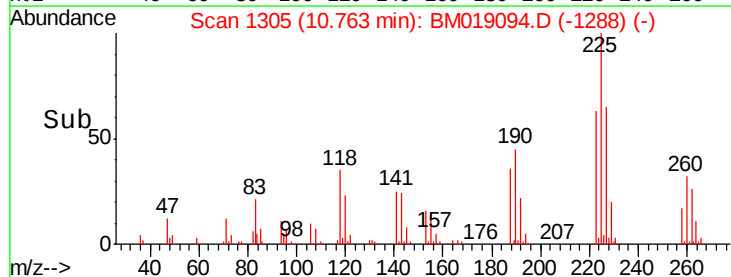


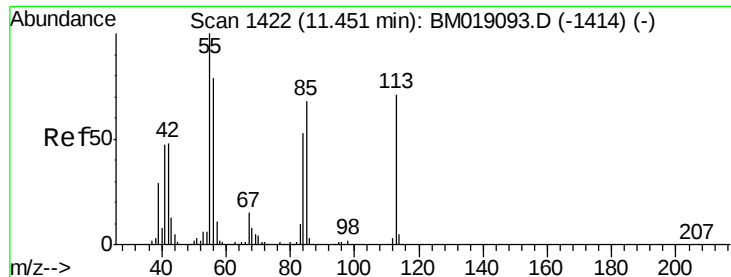
#34  
Hexachlorobutadiene  
Concen: 48.959 ng  
RT: 10.76 min Scan# 1305  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:225 Resp: 456057  
Ion Ratio Lower Upper  
225 100  
223 62.6 49.4 74.0  
227 65.0 51.6 77.4



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: 45.199 ng

RT: 11.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

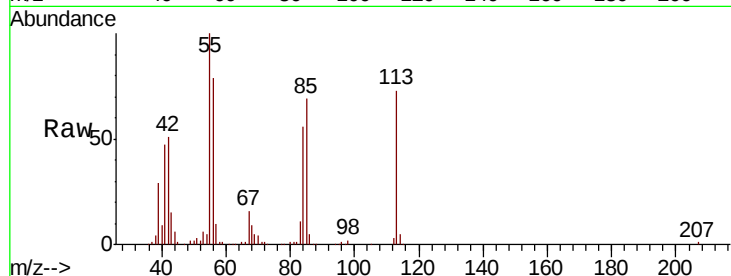
Tot Ion:113 Resp: 256339

Ion Ratio Lower Upper

113 100

55 136.5 120.1 160.1

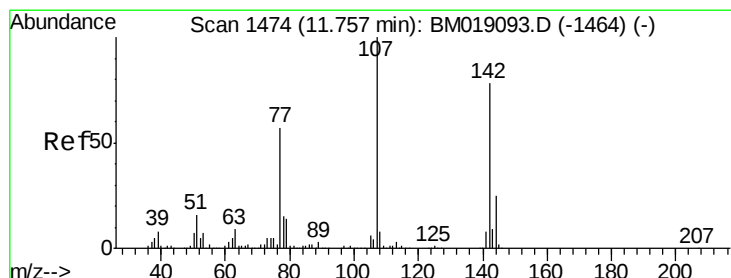
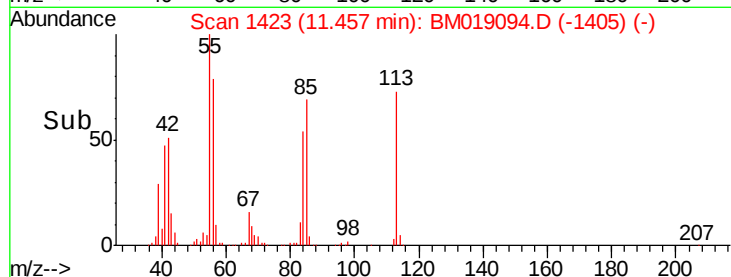
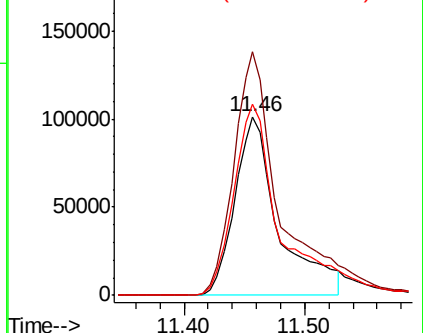
56 107.3 90.1 130.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 53.858 ng

RT: 11.76 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

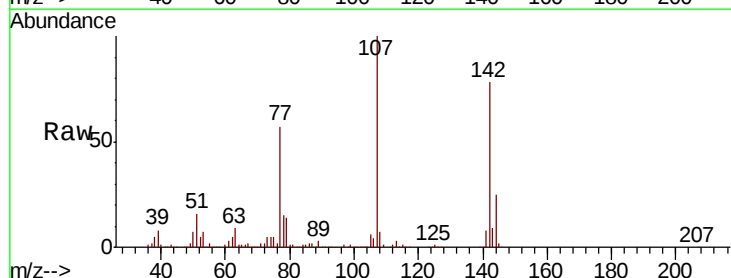
Tgt Ion:107 Resp: 902358

Ion Ratio Lower Upper

107 100

144 24.6 20.2 30.4

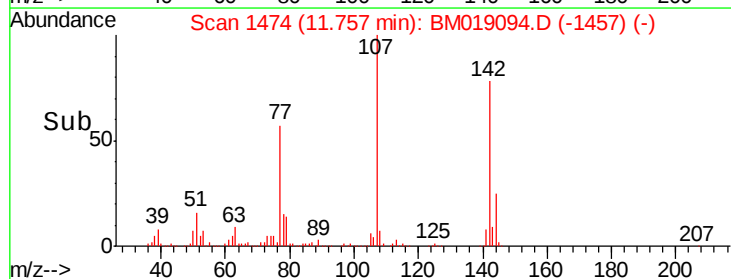
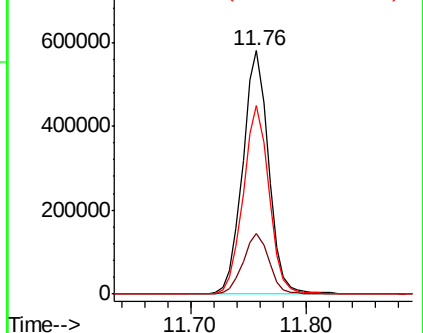
142 77.6 62.4 93.6

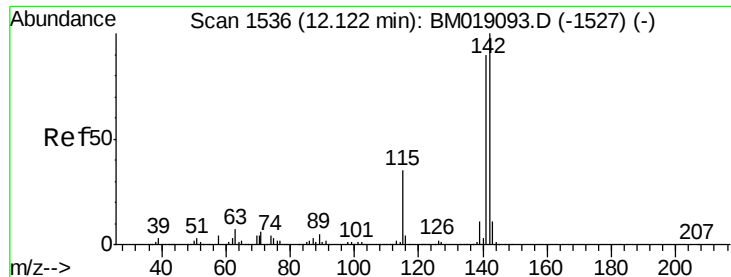


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

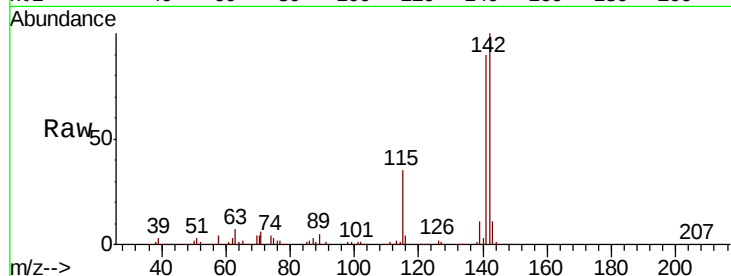




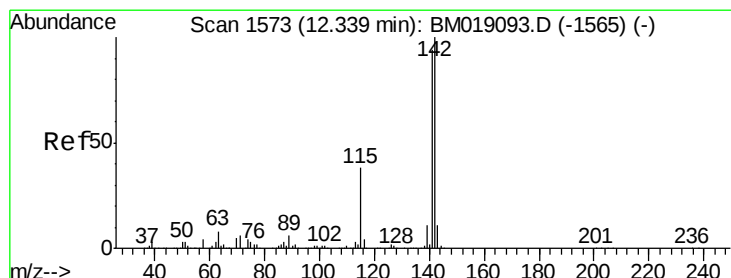
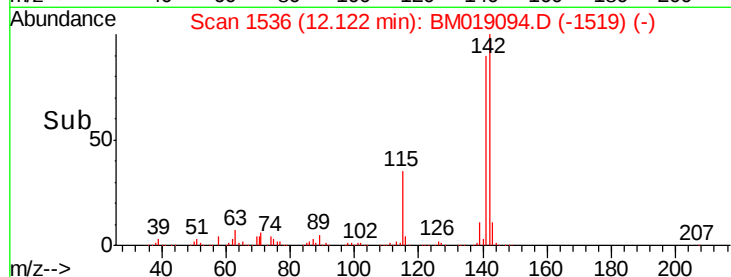
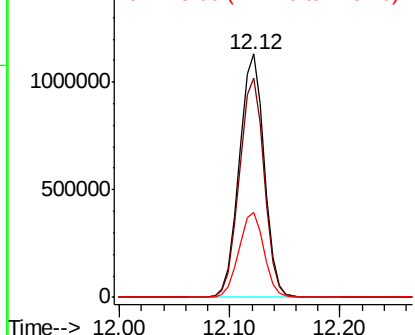
#37  
2-Methylnaphthalene  
Concen: 56.606 ng  
RT: 12.12 min Scan# 1536  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:142 Resp: 1801551  
Ion Ratio Lower Upper  
142 100  
141 90.1 72.3 108.5  
115 35.1 27.8 41.8

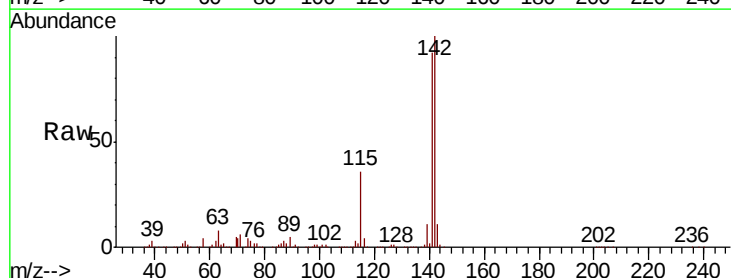


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

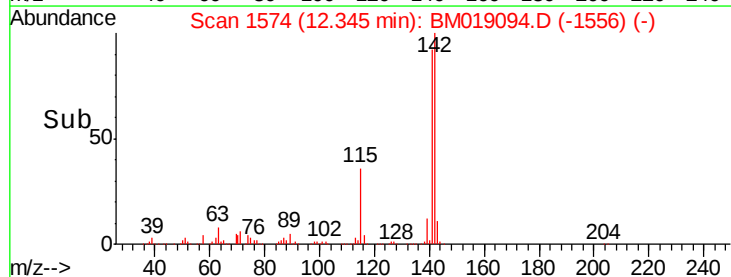
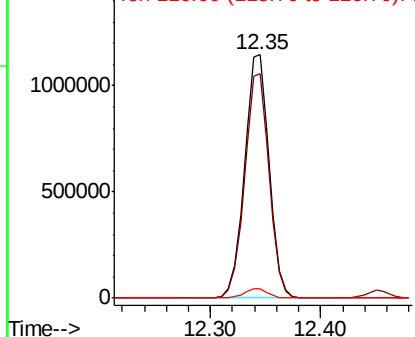


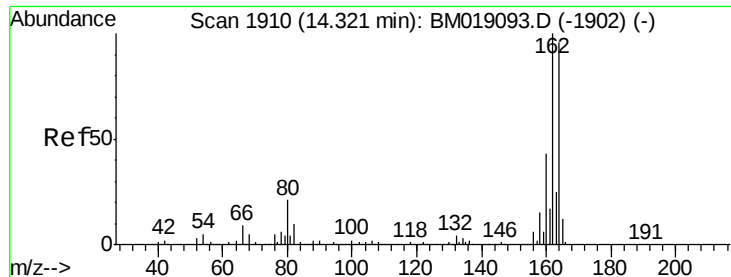
#38  
1-Methylnaphthalene  
Concen: 57.277 ng  
RT: 12.35 min Scan# 1574  
Delta R.T. 0.01 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:142 Resp: 1782590  
Ion Ratio Lower Upper  
142 100  
141 92.2 74.9 112.3  
116 3.7 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.32 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampled :

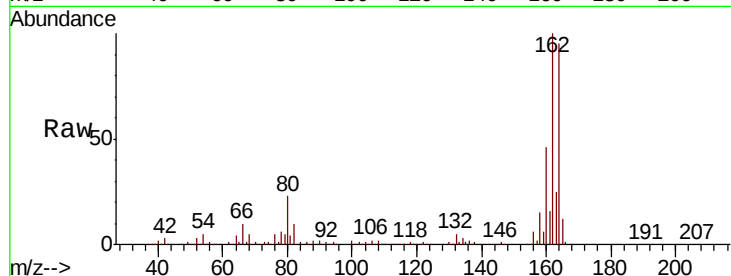
Tot Ion:164 Resp: 546165

Ion Ratio Lower Upper

164 100

162 105.0 83.5 125.3

160 47.8 36.3 54.5

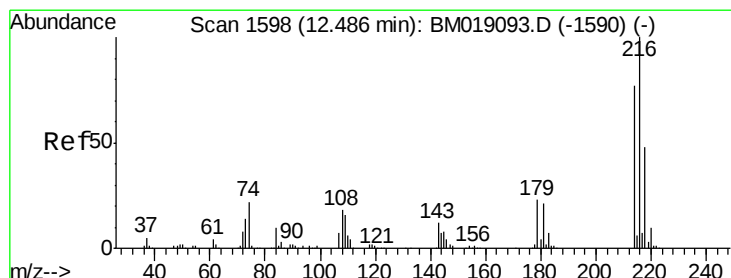
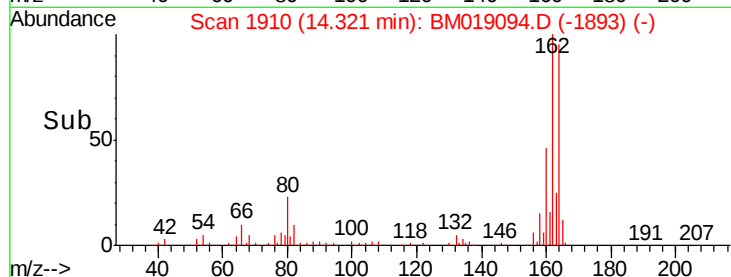
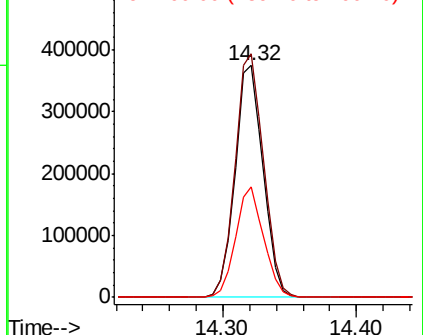


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.641 ng

RT: 12.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Tgt Ion:216 Resp: 884766

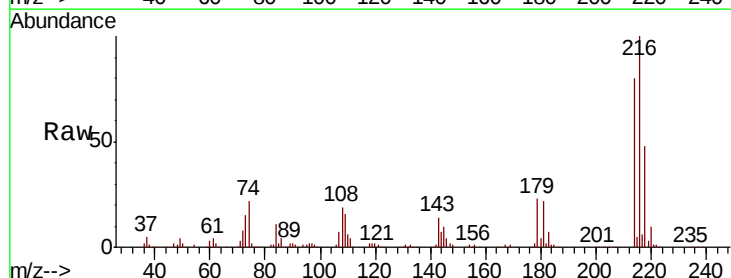
Ion Ratio Lower Upper

216 100

214 79.4 62.9 94.3

179 22.5 18.0 27.0

108 20.2 16.2 24.4



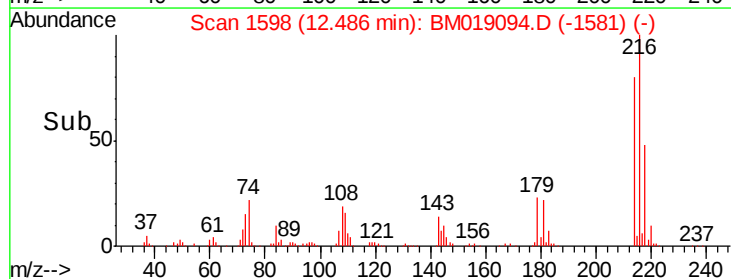
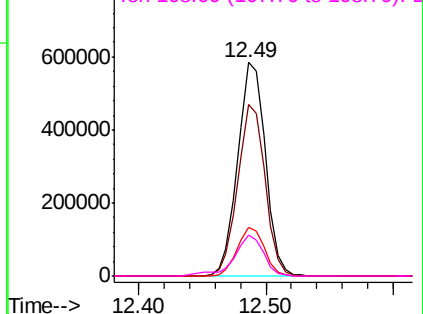
Abundance

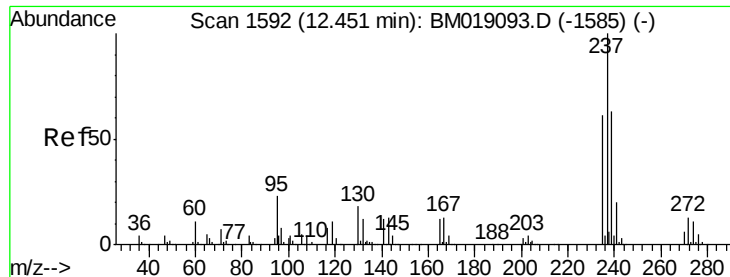
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 47.299 ng

RT: 12.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

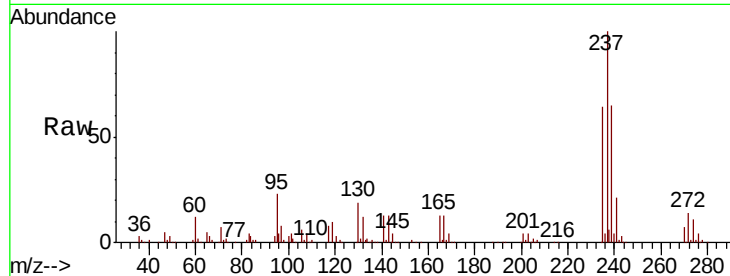
Tot Ion:237 Resp: 422498

Ion Ratio Lower Upper

237 100

235 63.7 41.3 81.3

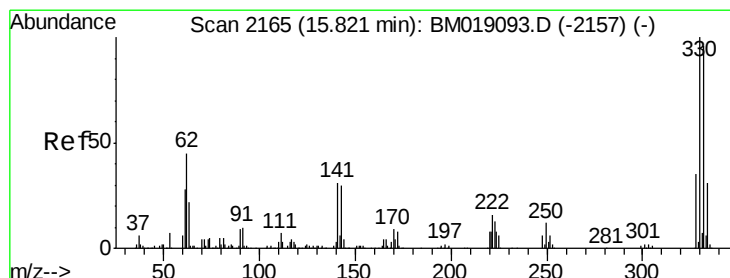
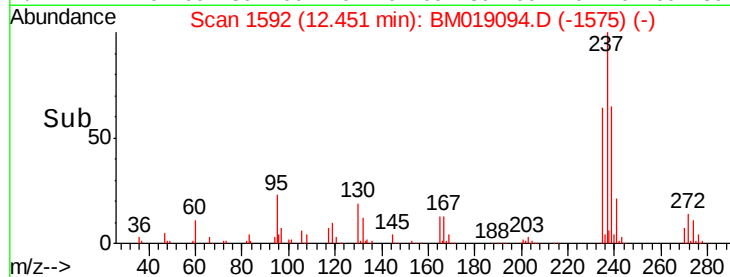
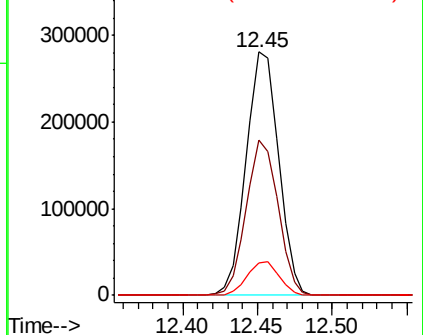
272 13.5 0.0 33.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 109.918 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

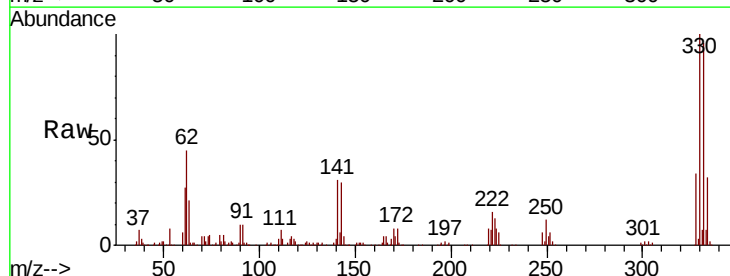
Tgt Ion:330 Resp: 865365

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

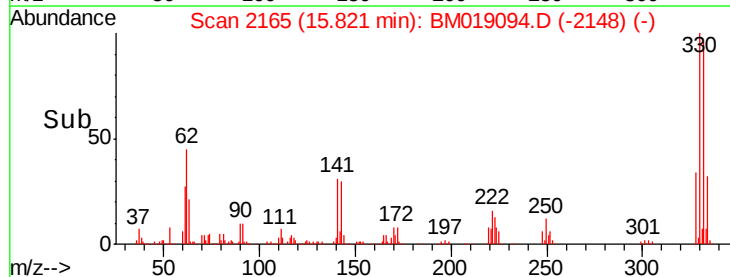
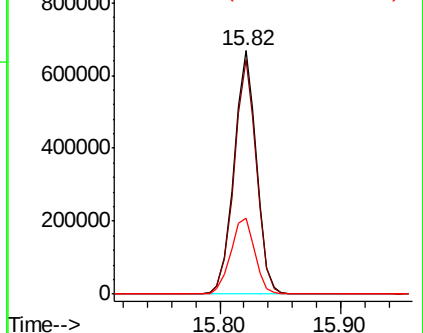
141 33.4 27.0 40.4

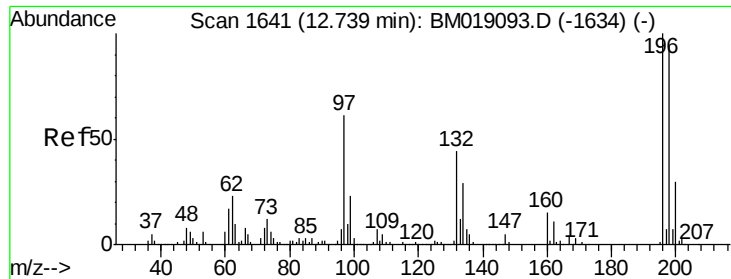


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

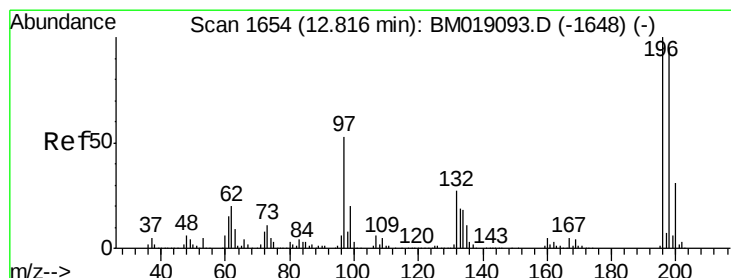
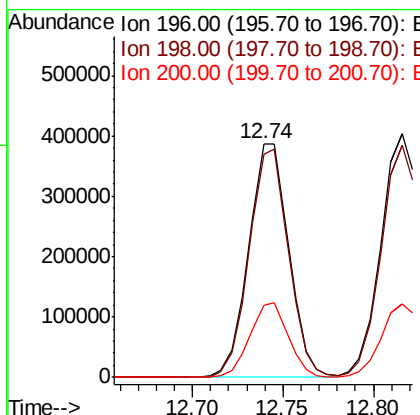
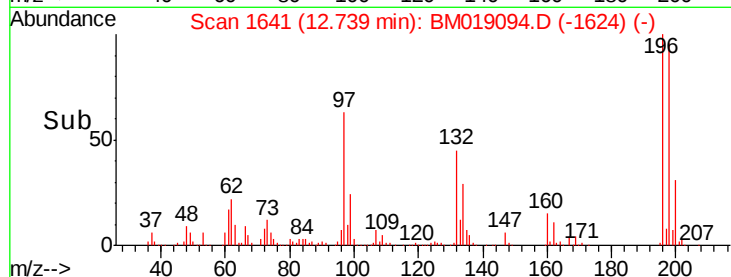
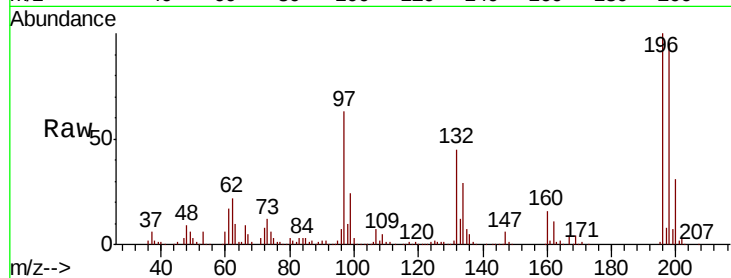




#43  
 2,4,6-Trichlorophenol  
 Concen: 51.479 ng  
 RT: 12.74 min Scan# 1641  
 Delta R.T. -0.00 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

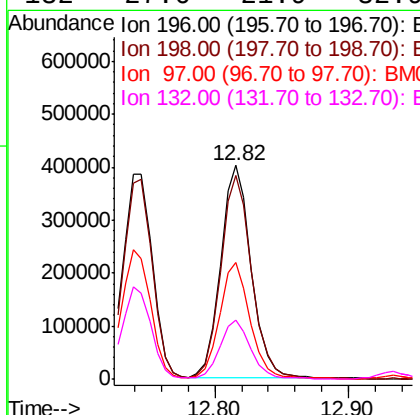
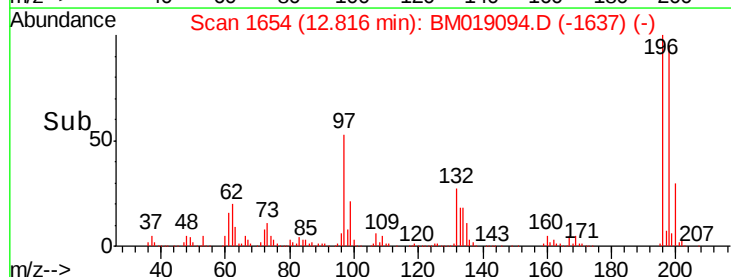
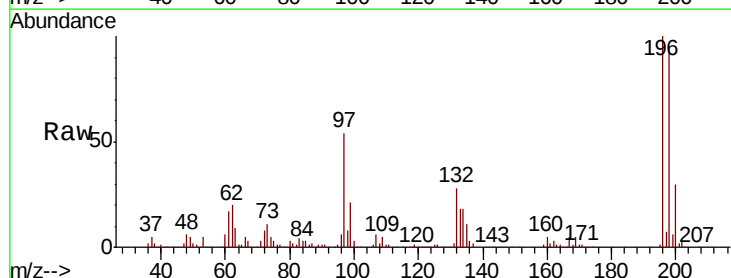
Instrument :  
 BNA\_M  
 ClientSampleId :

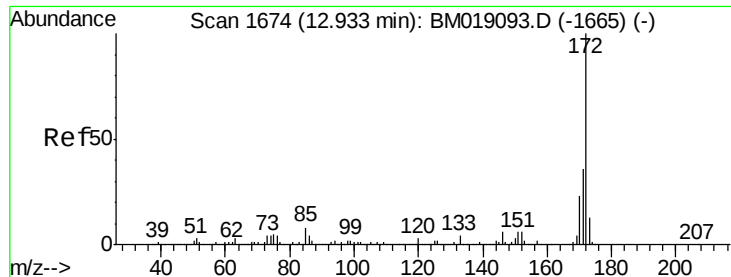
Tot Ion:196 Resp: 595402  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 75.4 113.0  
 200 30.8 24.2 36.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 53.200 ng  
 RT: 12.82 min Scan# 1654  
 Delta R.T. -0.00 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

Tgt Ion:196 Resp: 644934  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 75.9 113.9  
 97 54.3 42.5 63.7  
 132 27.6 21.9 32.9

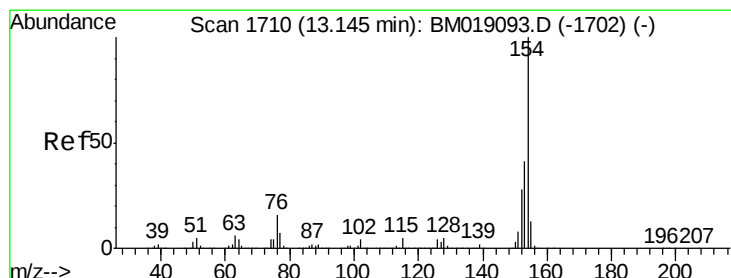
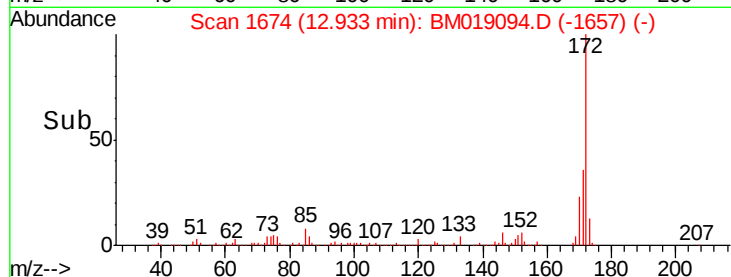
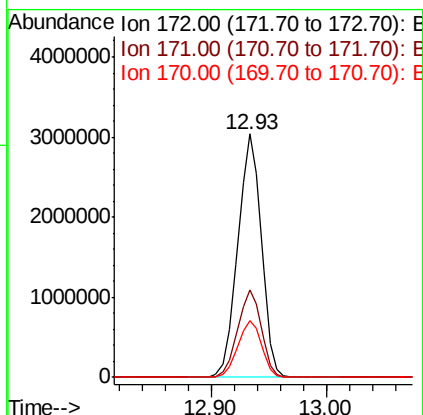
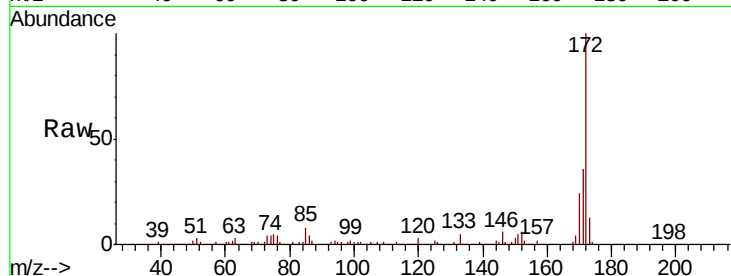




#45  
2-Fluorobiphenyl  
Concen: 104.164 ng  
RT: 12.93 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

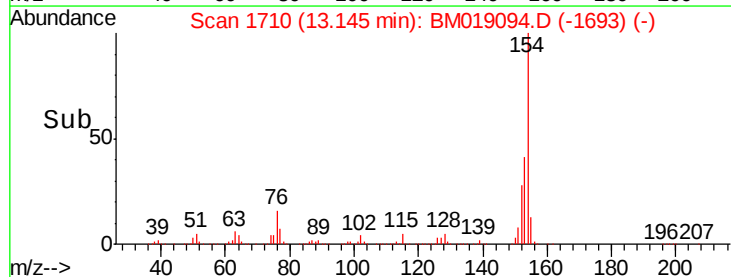
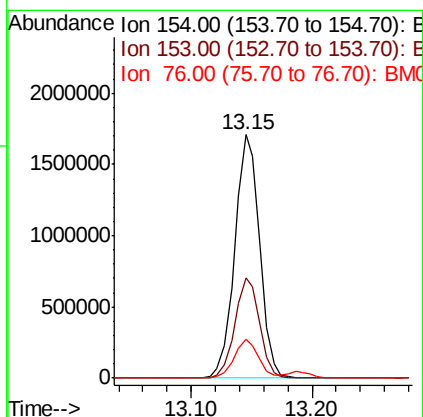
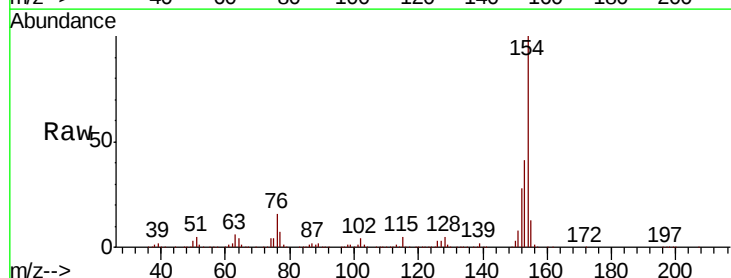
Instrument :  
BNA\_M  
ClientSampleId :

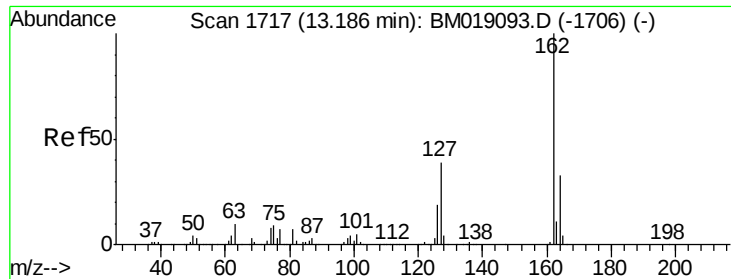
Tot Ion:172 Resp: 4285621  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 42.8  
170 23.5 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 51.778 ng  
RT: 13.15 min Scan# 1710  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:154 Resp: 2434229  
Ion Ratio Lower Upper  
154 100  
153 41.2 21.5 61.5  
76 15.9 0.0 35.8

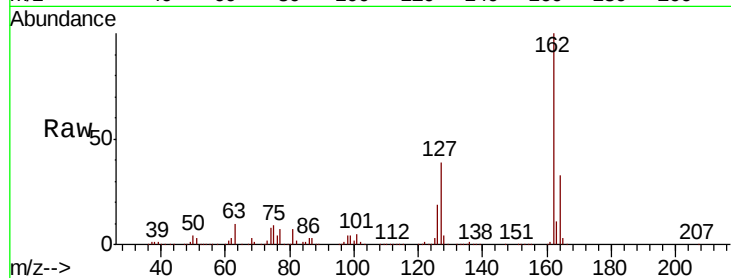




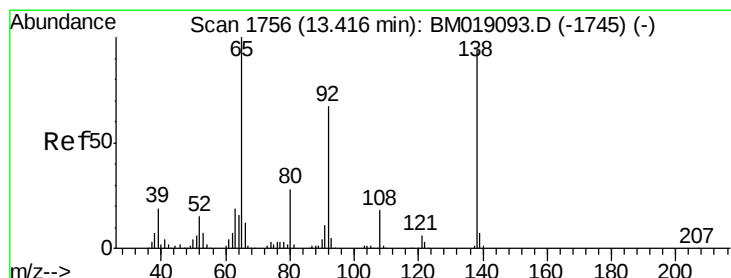
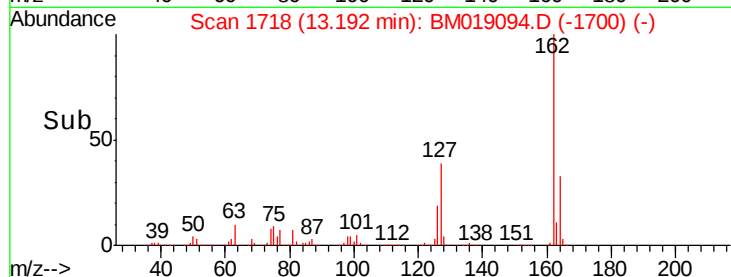
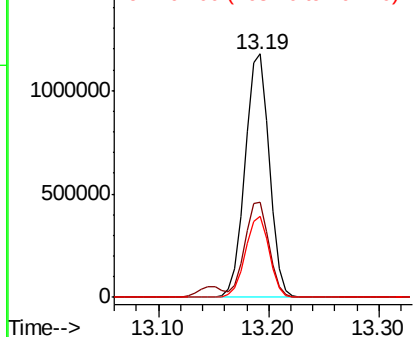
#47  
2-Chloronaphthalene  
Concen: 50.116 ng  
RT: 13.19 min Scan# 1718  
Delta R.T. 0.01 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:162 Resp: 1819794  
Ion Ratio Lower Upper  
162 100  
127 39.0 31.2 46.8  
164 33.3 26.3 39.5

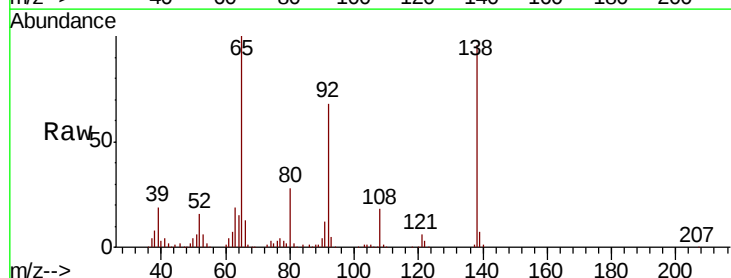


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

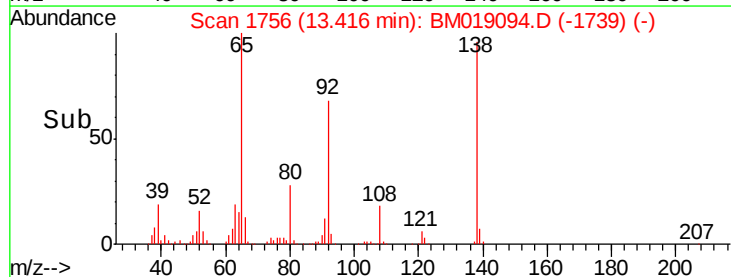
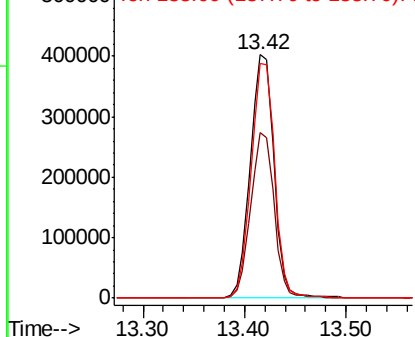


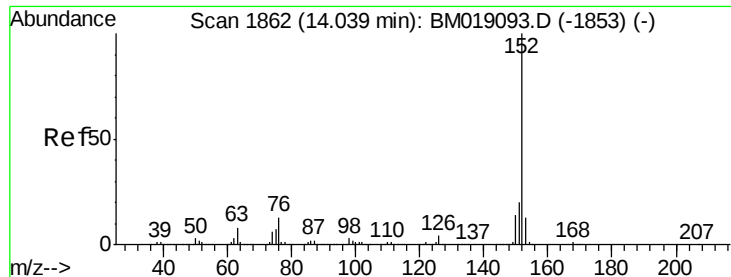
#48  
2-Nitroaniline  
Concen: 54.392 ng  
RT: 13.42 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion: 65 Resp: 655958  
Ion Ratio Lower Upper  
65 100  
92 68.0 53.4 80.2  
138 96.3 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 57.374 ng

RT: 14.04 min Scan# 1863

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampled :

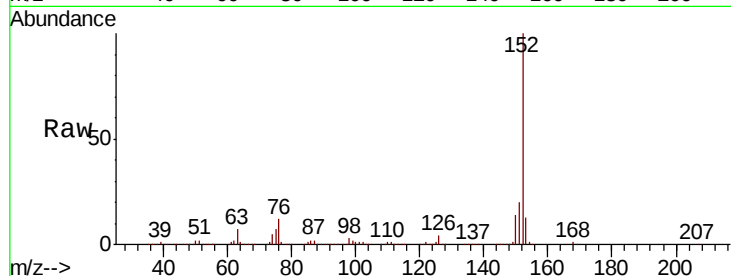
Tot Ion:152 Resp: 3102135

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 12.9 10.6 15.8

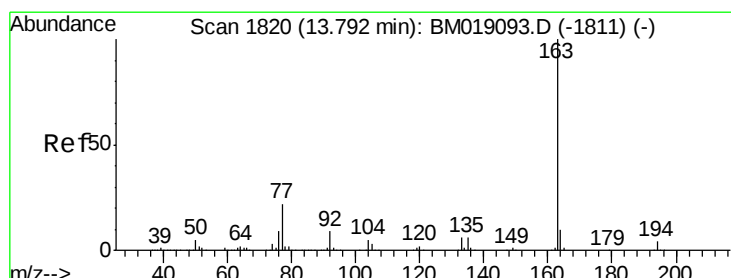
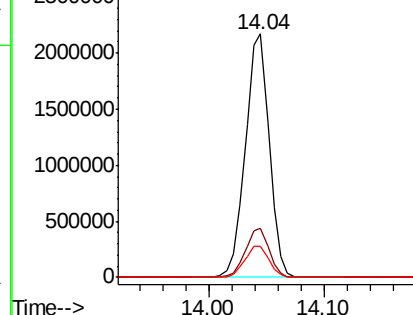
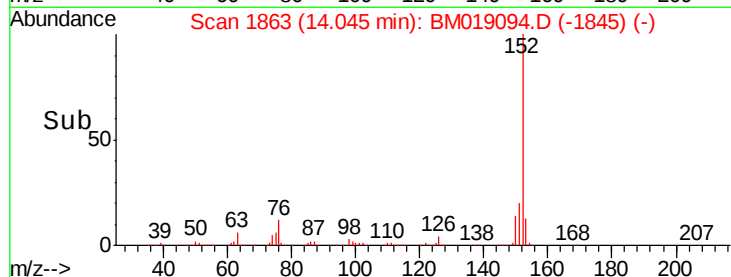


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.250 ng

RT: 13.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

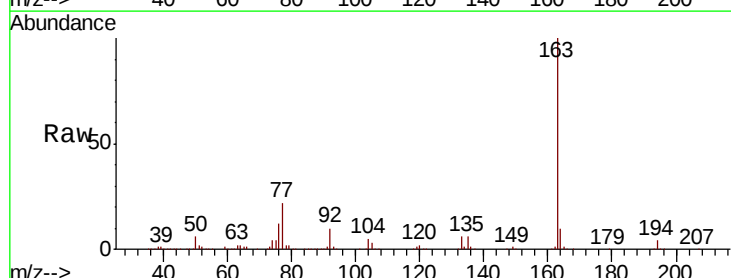
Tgt Ion:163 Resp: 2378293

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.0 7.7 11.5

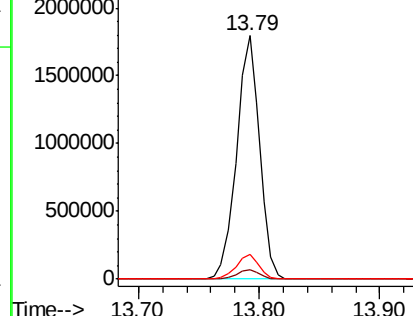
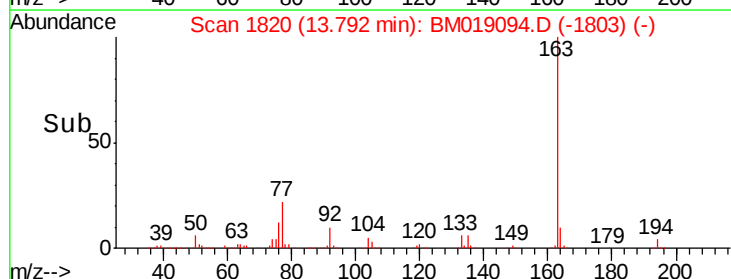


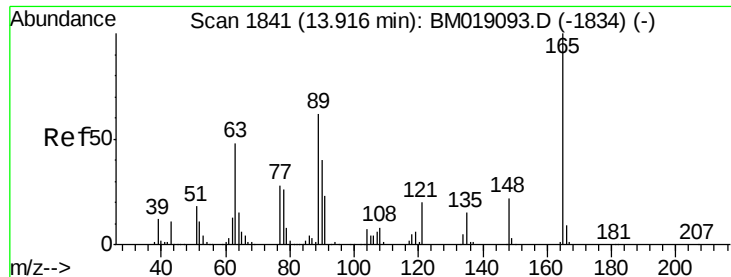
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

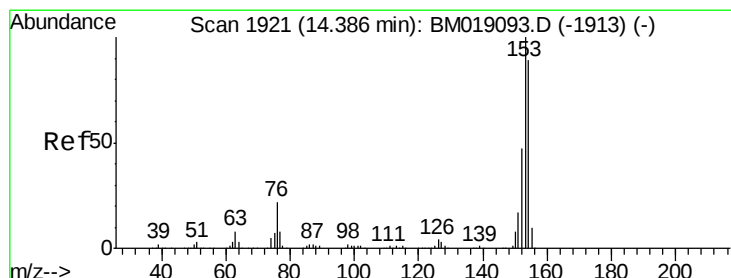
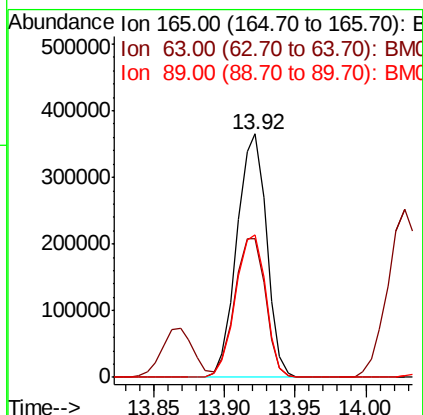
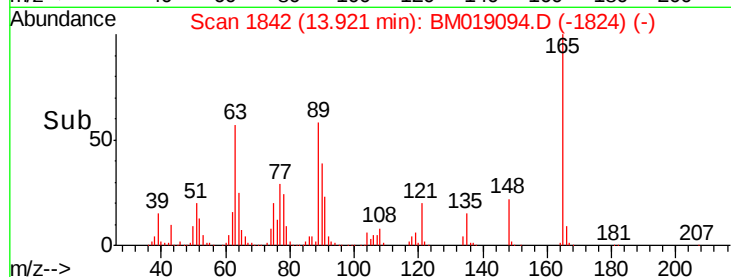
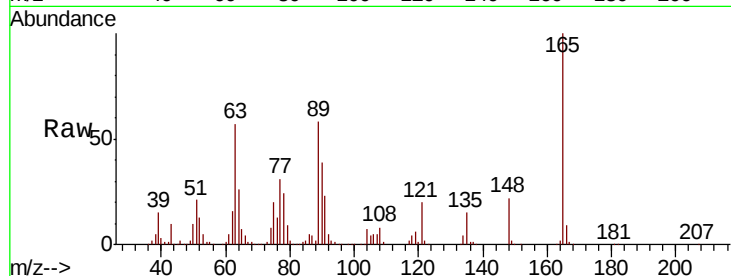




#51  
2,6-Dinitrotoluene  
Concen: 54.382 ng  
RT: 13.92 min Scan# 1842  
Delta R.T. 0.01 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

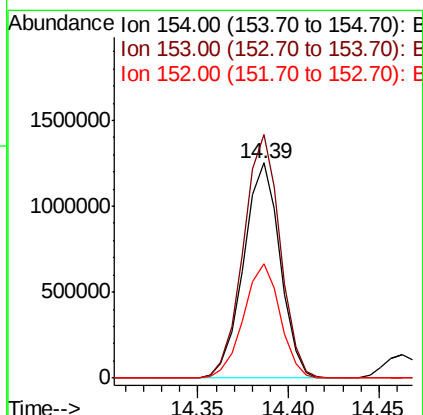
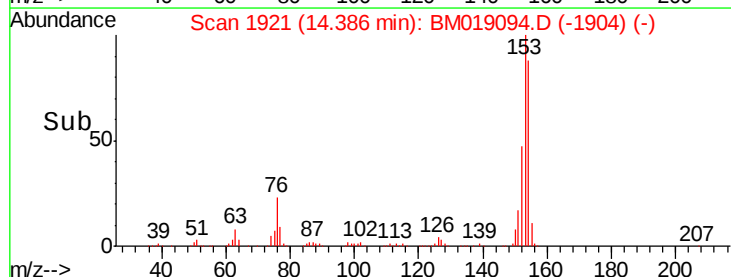
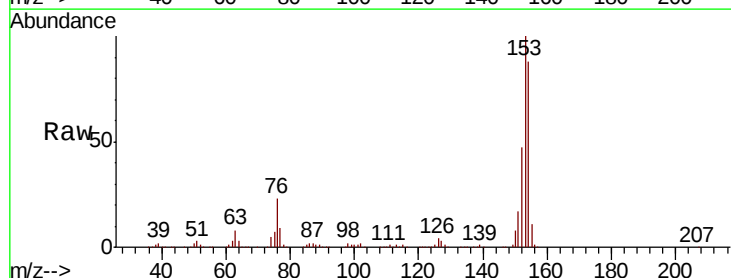
Instrument :  
BNA\_M  
ClientSampleId :

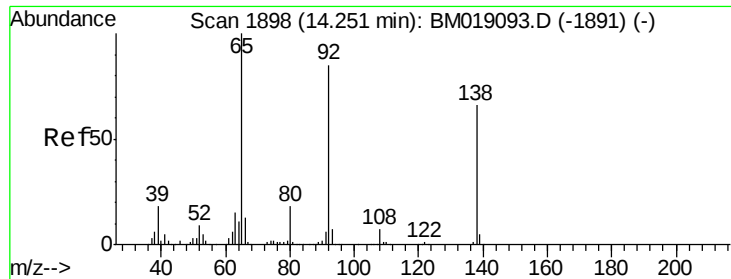
Tot Ion:165 Resp: 536204  
Ion Ratio Lower Upper  
165 100  
63 57.1 48.2 72.4  
89 58.4 49.3 73.9



#52  
Acenaphthene  
Concen: 53.016 ng  
RT: 14.39 min Scan# 1921  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:154 Resp: 1757690  
Ion Ratio Lower Upper  
154 100  
153 113.3 90.1 135.1  
152 52.9 42.5 63.7

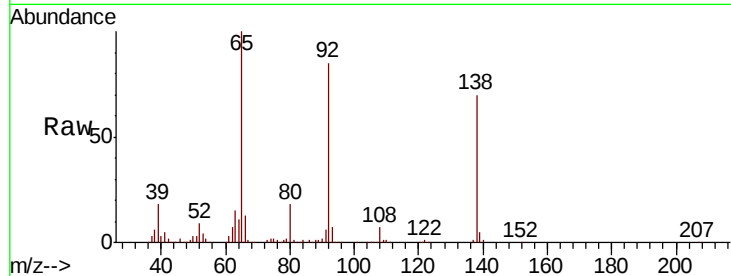




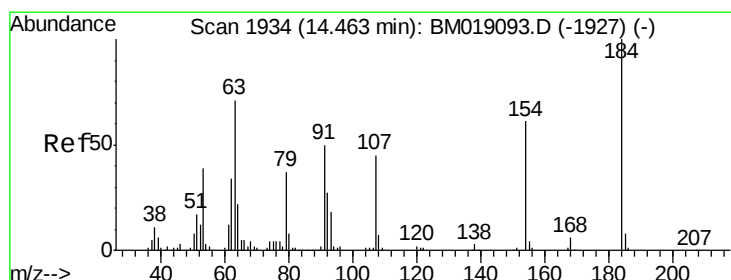
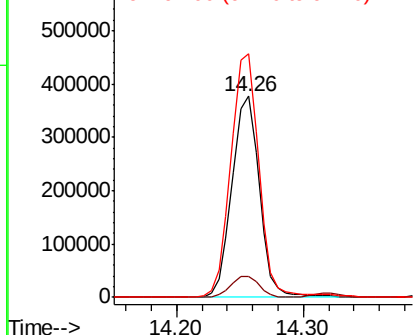
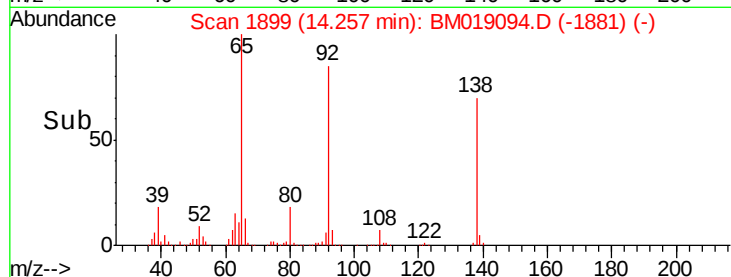
#53  
 3-Nitroaniline  
 Concen: 50.705 ng  
 RT: 14.26 min Scan# 1899  
 Delta R.T. 0.01 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:138 Resp: 564891  
 Ion Ratio Lower Upper  
 138 100  
 108 10.2 9.0 13.4  
 92 121.0 102.6 153.8

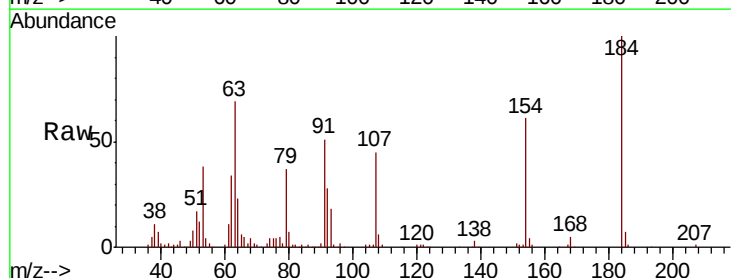


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BM

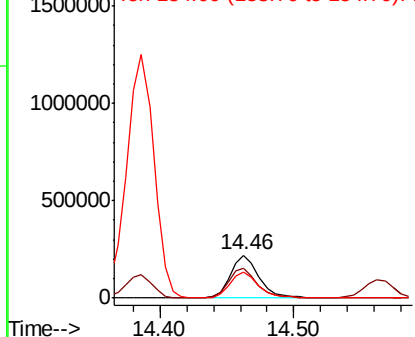
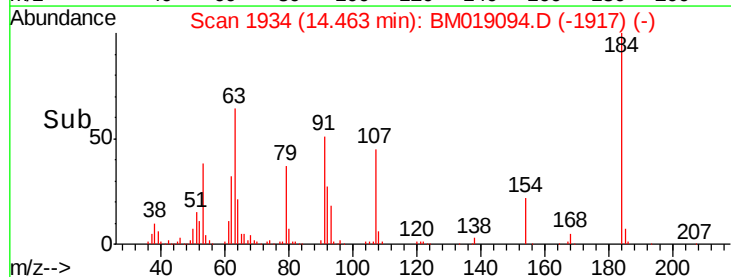


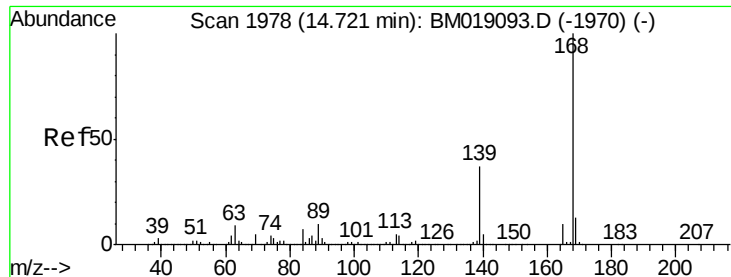
#54  
 2,4-Dinitrophenol  
 Concen: 59.651 ng  
 RT: 14.46 min Scan# 1934  
 Delta R.T. -0.00 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

Tgt Ion:184 Resp: 324991  
 Ion Ratio Lower Upper  
 184 100  
 63 68.9 56.7 85.1  
 154 60.8 49.3 73.9



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

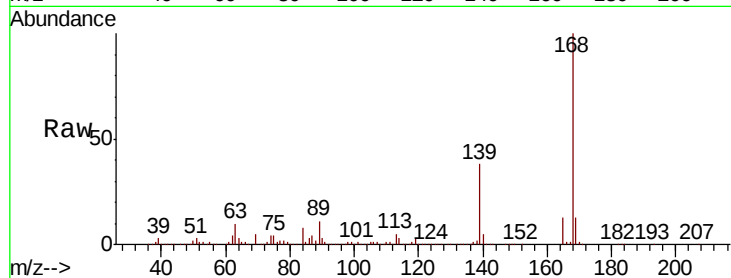




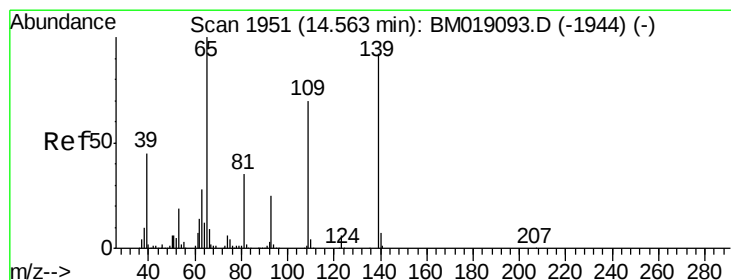
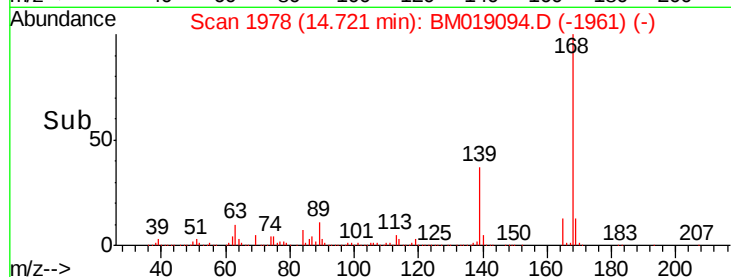
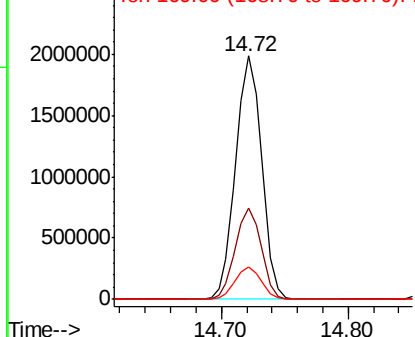
#55  
Dibenzofuran  
Concen: 51.763 ng  
RT: 14.72 min Scan# 1978  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:168 Resp: 2820743  
Ion Ratio Lower Upper  
168 100  
139 37.6 30.1 45.1  
169 13.3 10.6 16.0

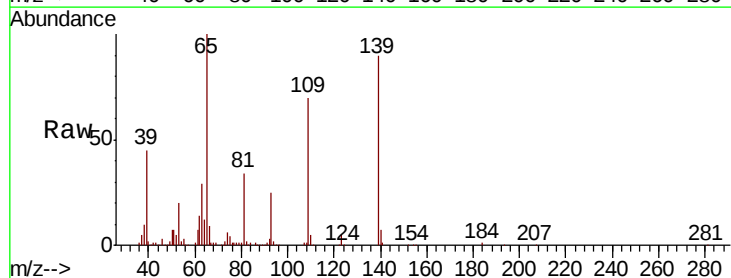


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

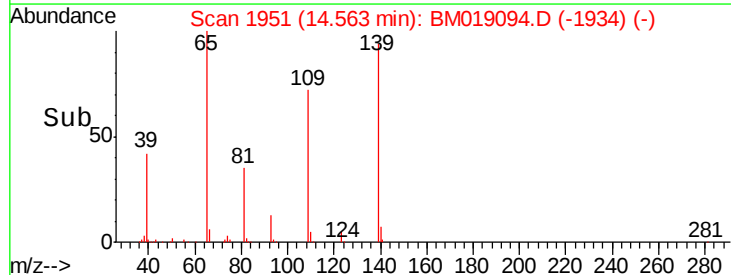
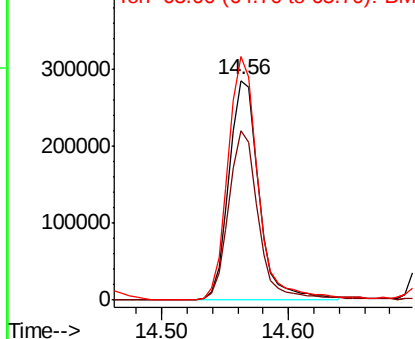


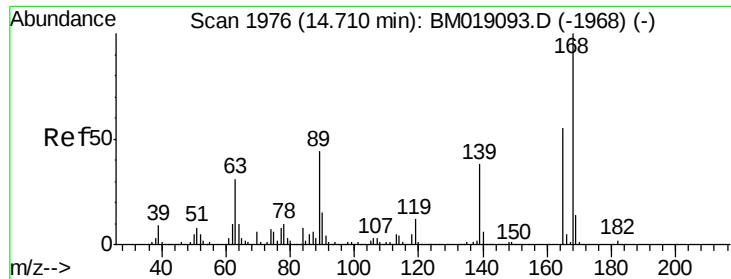
#56  
4-Nitrophenol  
Concen: 52.609 ng  
RT: 14.56 min Scan# 1951  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:139 Resp: 467877  
Ion Ratio Lower Upper  
139 100  
109 77.1 56.3 96.3  
65 110.8 89.2 129.2



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

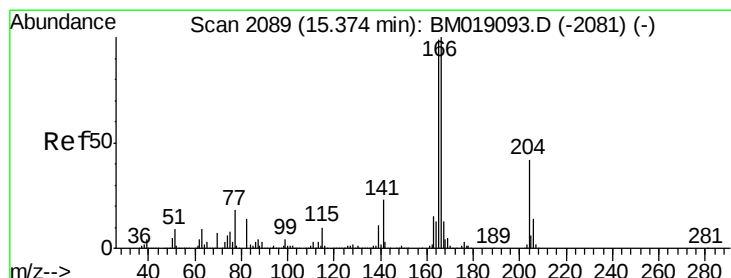
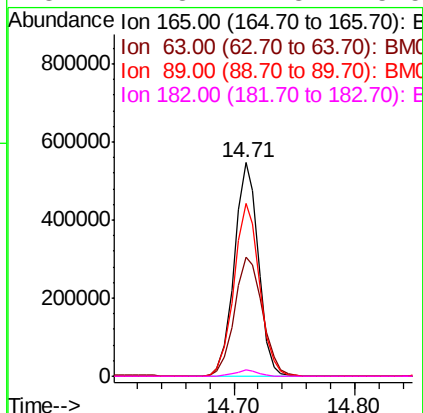
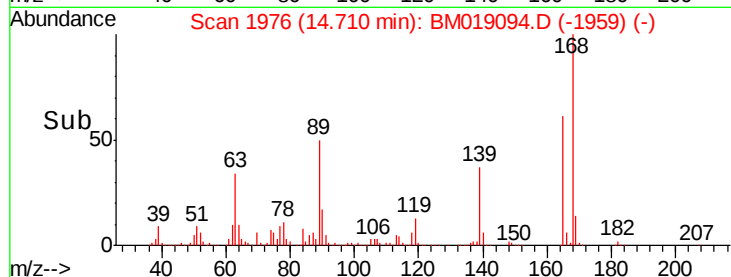
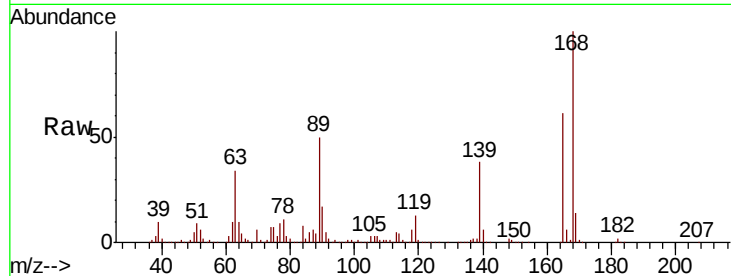




#57  
 2,4-Dinitrotoluene  
 Concen: 55.969 ng  
 RT: 14.71 min Scan# 1976  
 Delta R.T. 0.00 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

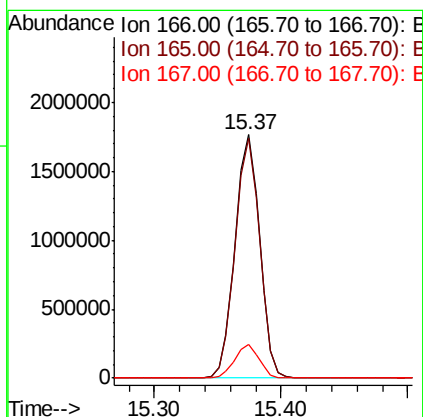
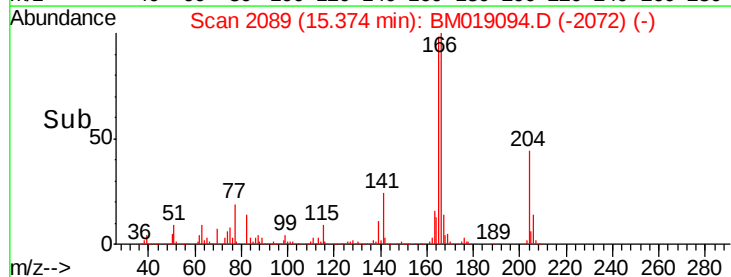
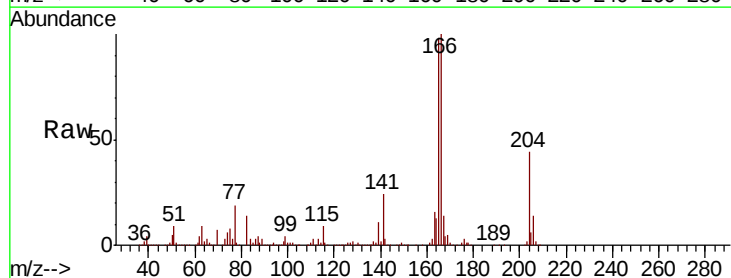
Instrument :  
 BNA\_M  
 ClientSampleId :

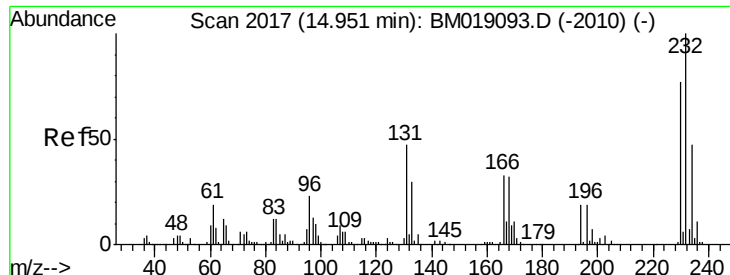
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 760351 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 55.6  | 44.7  | 67.1   |
| 89       | 81.0  | 63.4  | 95.2   |
| 182      | 2.8   | 2.3   | 3.5    |



#58  
 Fluorene  
 Concen: 56.974 ng  
 RT: 15.37 min Scan# 2089  
 Delta R.T. -0.00 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 2375199 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 98.5  | 79.0  | 118.4   |
| 167      | 13.8  | 10.8  | 16.2    |

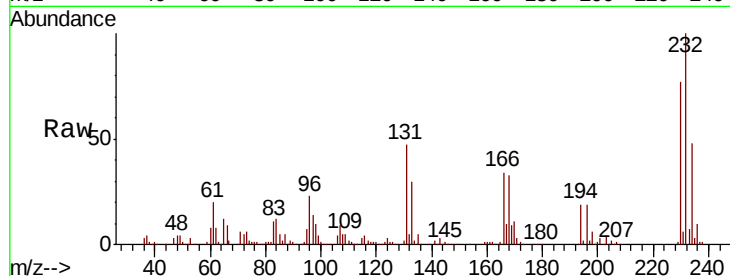




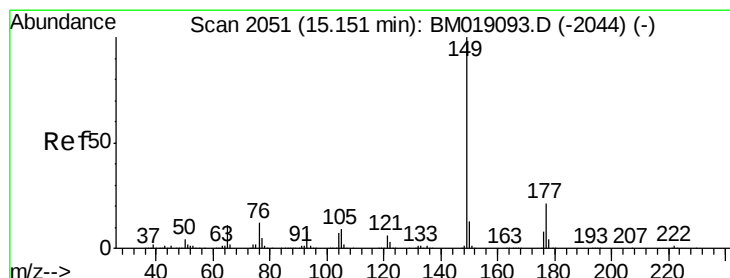
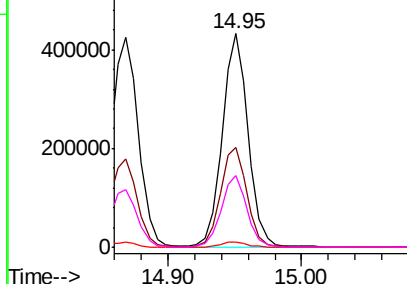
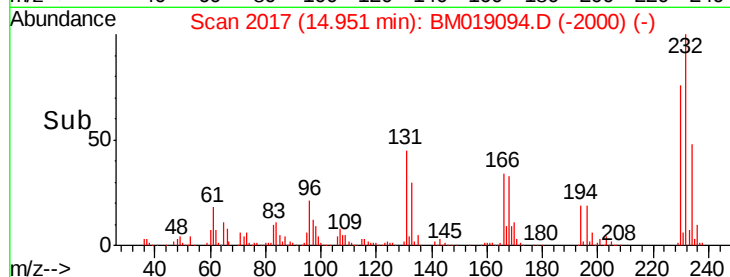
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 54.302 ng  
RT: 14.95 min Scan# 2017  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:232 Resp: 581870  
Ion Ratio Lower Upper  
232 100  
131 48.2 38.2 57.2  
130 2.6 1.9 2.9  
166 33.5 27.0 40.4

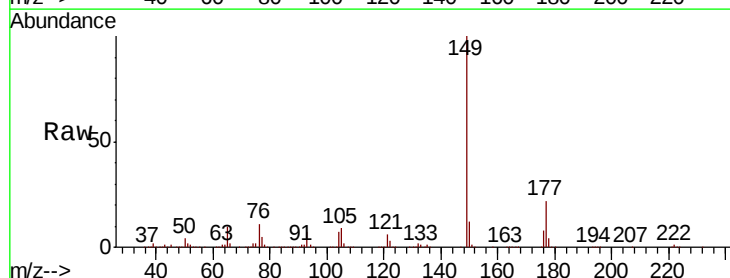


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

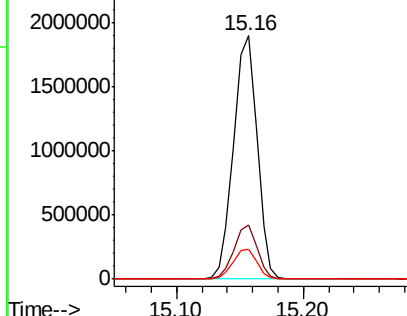
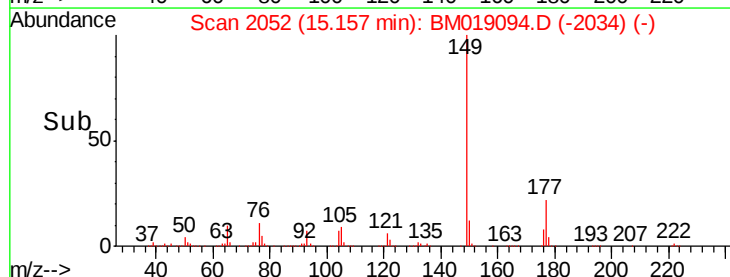


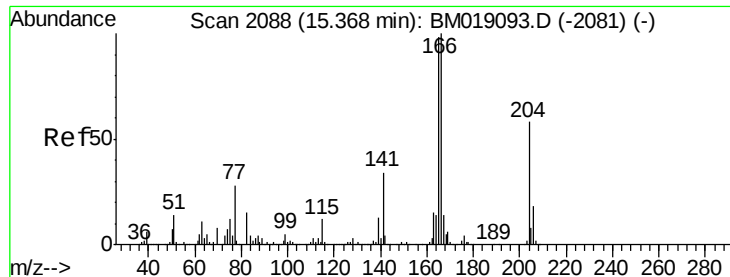
#60  
Diethylphthalate  
Concen: 51.763 ng  
RT: 15.16 min Scan# 2052  
Delta R.T. 0.01 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:149 Resp: 2430455  
Ion Ratio Lower Upper  
149 100  
177 22.3 17.0 25.6  
150 12.4 10.2 15.4



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

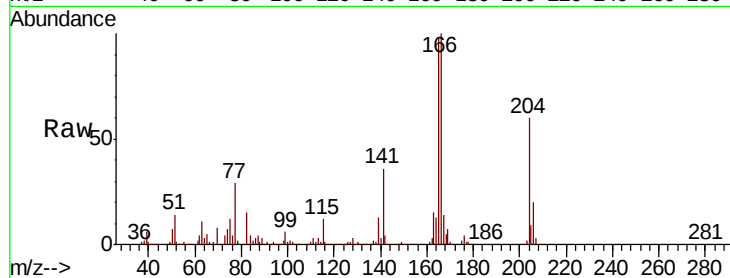




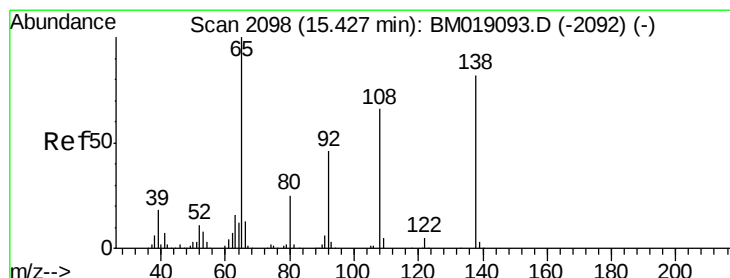
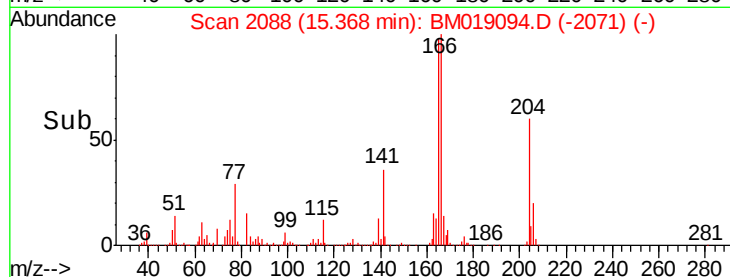
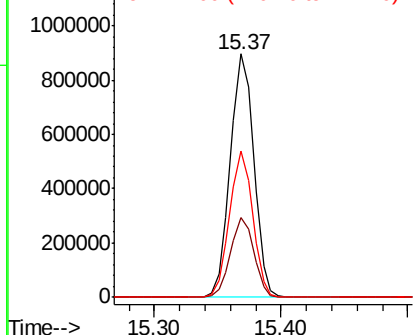
#61  
4-Chlorophenyl-phenylether  
Concen: 49.249 ng  
RT: 15.37 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:204 Resp: 1151158  
Ion Ratio Lower Upper  
204 100  
206 32.8 25.5 38.3  
141 59.9 47.8 71.8

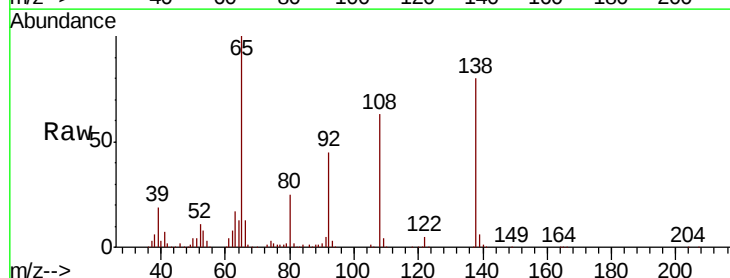


Abundance Ion 204.00 (203.70 to 204.70): E  
1200000 Ion 206.00 (205.70 to 206.70): E  
1000000 Ion 141.00 (140.70 to 141.70): E

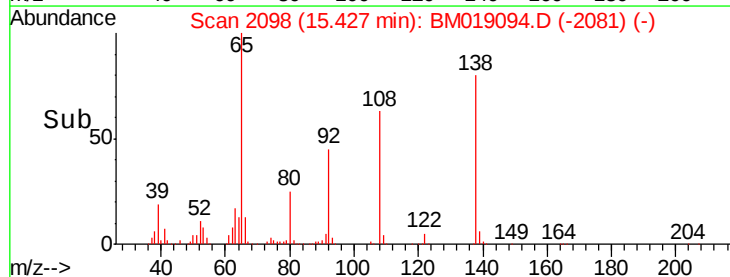
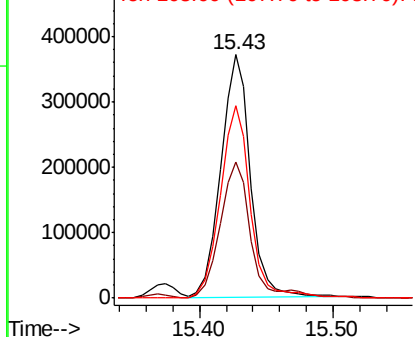


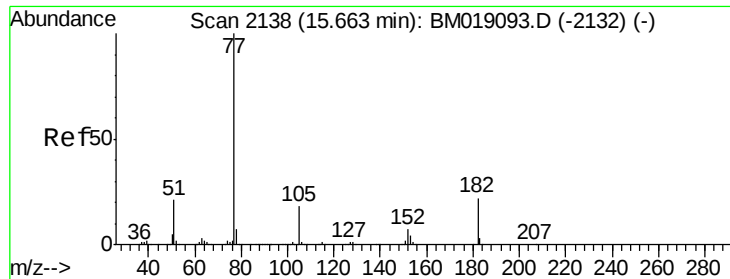
#62  
4-Nitroaniline  
Concen: 52.447 ng  
RT: 15.43 min Scan# 2098  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:138 Resp: 572822  
Ion Ratio Lower Upper  
138 100  
92 55.9 36.2 76.2  
108 78.9 59.7 99.7



Abundance Ion 138.00 (137.70 to 138.70): E  
500000 Ion 92.00 (91.70 to 92.70): BM0  
400000 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 51.772 ng

RT: 15.66 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 2606406

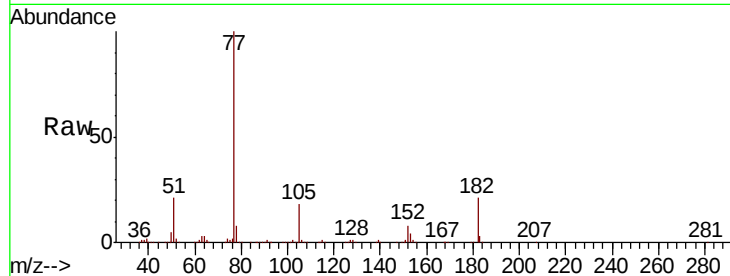
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 21.1  | 1.8   | 41.8  |
| 105 | 18.0  | 0.0   | 38.3  |
| 51  | 20.9  | 0.8   | 40.8  |

77 100

182 21.1 1.8 41.8

105 18.0 0.0 38.3

51 20.9 0.8 40.8

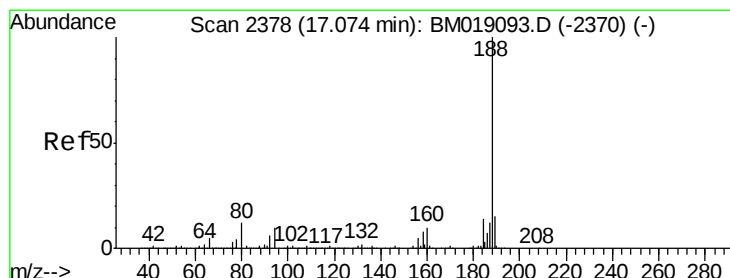
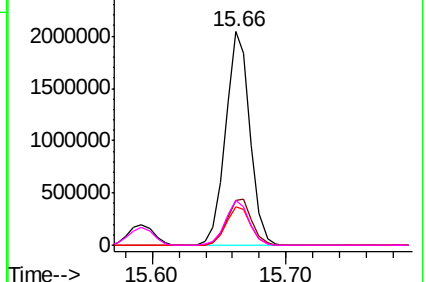
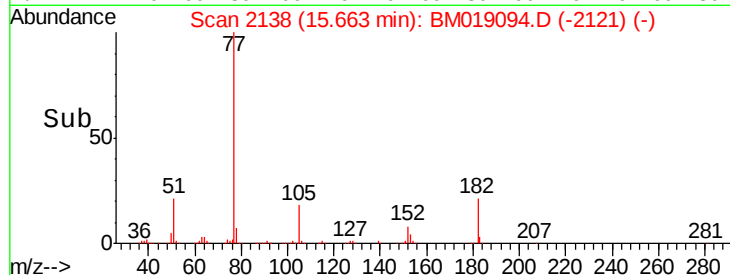


Abundance Ion 77.00 (76.70 to 77.70): BM019094.D (-2132) (-)

Ion 182.00 (181.70 to 182.70): BM019094.D (-2132) (-)

Ion 105.00 (104.70 to 105.70): BM019094.D (-2132) (-)

Ion 51.00 (50.70 to 51.70): BM019094.D (-2132) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.07 min Scan# 2378

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

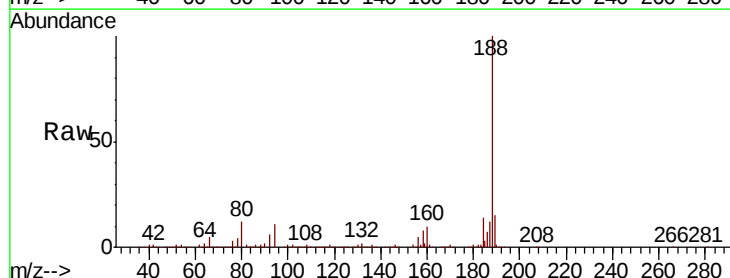
Tgt Ion: 188 Resp: 1228880

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.8  | 8.1   | 12.1  |
| 80  | 12.5  | 9.7   | 14.5  |

188 100

94 10.8 8.1 12.1

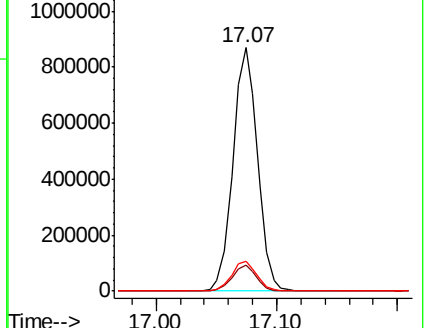
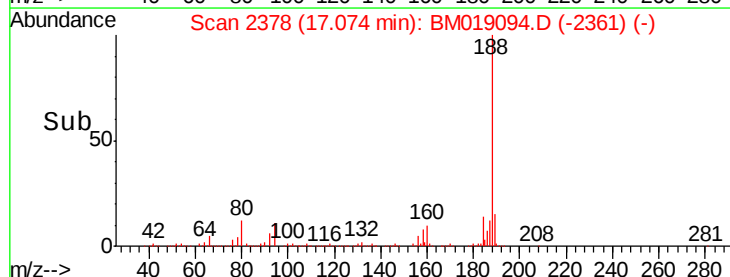
80 12.5 9.7 14.5

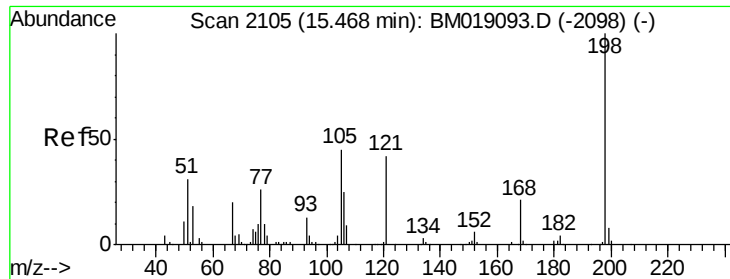


Abundance Ion 188.00 (187.70 to 188.70): BM019094.D (-2361) (-)

Ion 94.00 (93.70 to 94.70): BM019094.D (-2361) (-)

Ion 80.00 (79.70 to 80.70): BM019094.D (-2361) (-)

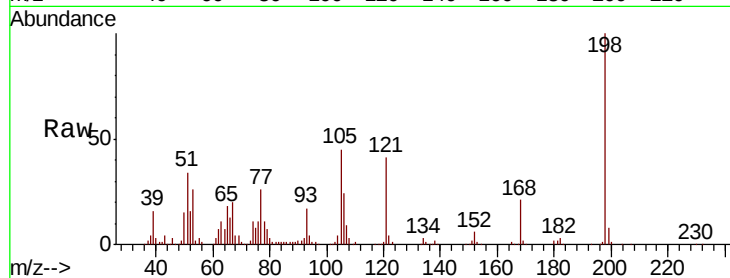




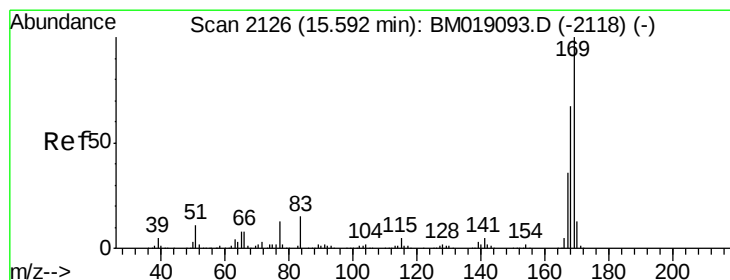
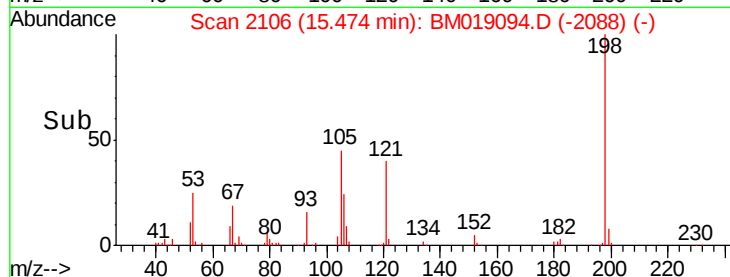
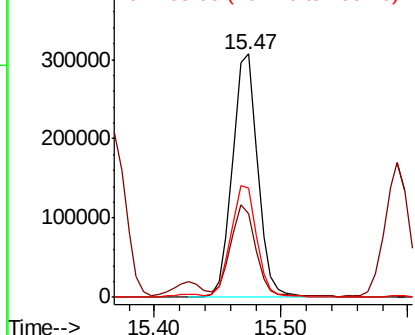
#65  
4,6-Dinitro-2-methylphenol  
Concen: 49.065 ng  
RT: 15.47 min Scan# 2106  
Delta R.T. 0.01 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:198 Resp: 423341  
Ion Ratio Lower Upper  
198 100  
51 34.4 17.3 57.3  
105 45.0 26.2 66.2

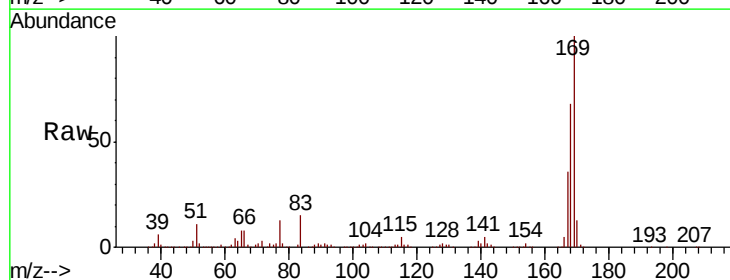


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BM  
Ion 105.00 (104.70 to 105.70): E

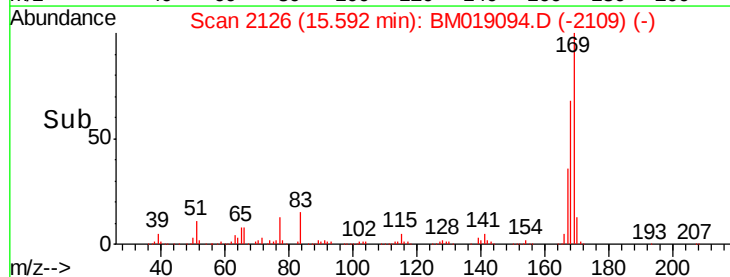
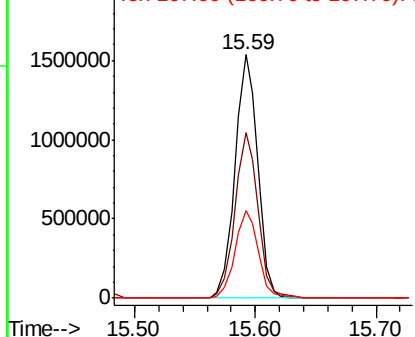


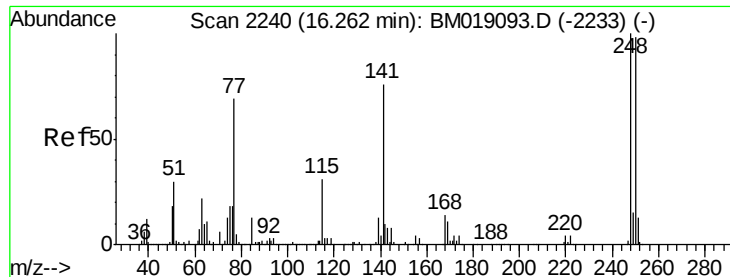
#66  
n-Nitrosodiphenylamine  
Concen: 51.705 ng  
RT: 15.59 min Scan# 2126  
Delta R.T. -0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:169 Resp: 2007466  
Ion Ratio Lower Upper  
169 100  
168 67.9 53.9 80.9  
167 36.1 28.8 43.2



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

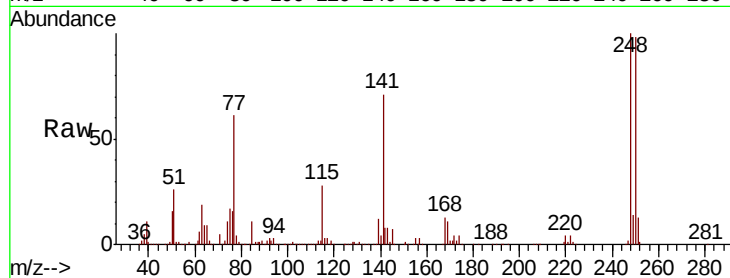




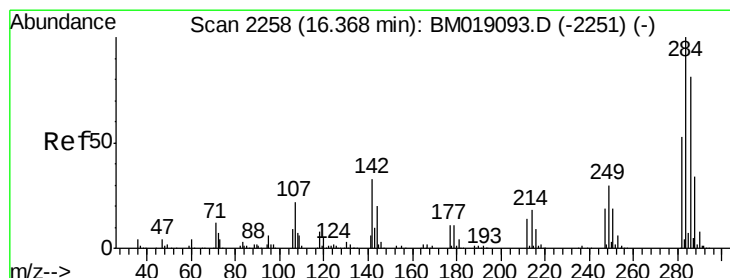
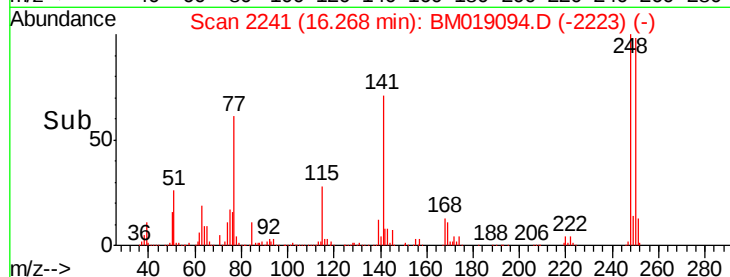
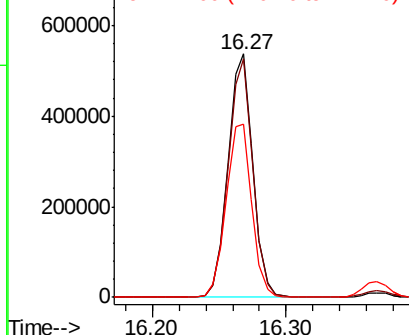
#67  
4-Bromophenyl-phenylether  
Concen: 50.837 ng  
RT: 16.27 min Scan# 2241  
Delta R.T. 0.01 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:248 Resp: 699268  
Ion Ratio Lower Upper  
248 100  
250 98.1 78.0 117.0  
141 70.9 61.0 91.4

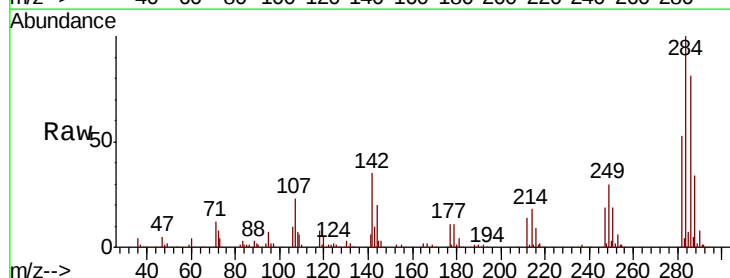


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

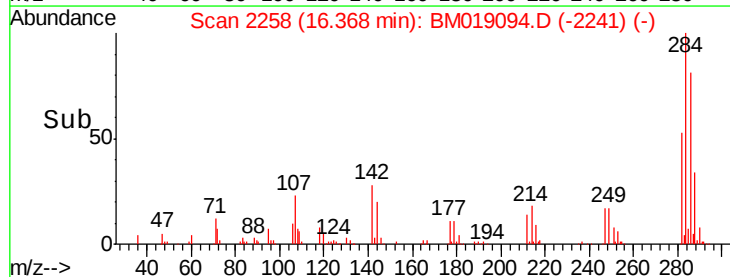
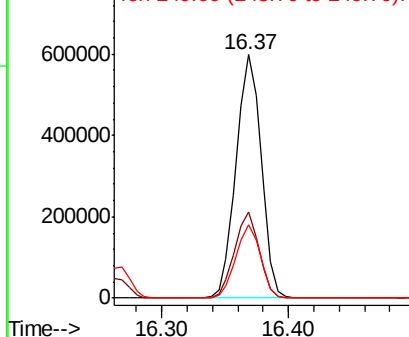


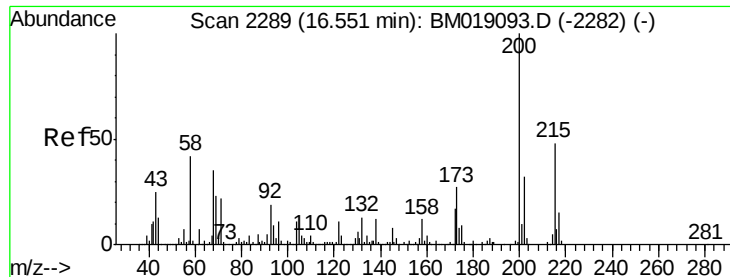
#68  
Hexachlorobenzene  
Concen: 51.339 ng  
RT: 16.37 min Scan# 2258  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:284 Resp: 820821  
Ion Ratio Lower Upper  
284 100  
142 35.2 26.3 39.5  
249 30.1 24.1 36.1



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





#69

Atrazine

Concen: 54.665 ng

RT: 16.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

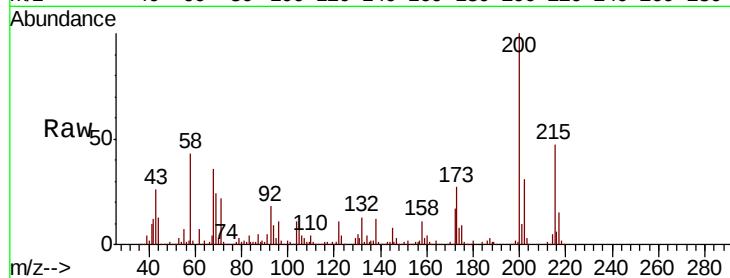
Tot Ion:200 Resp: 684233

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

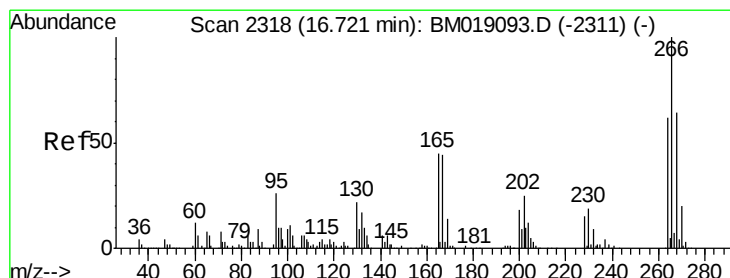
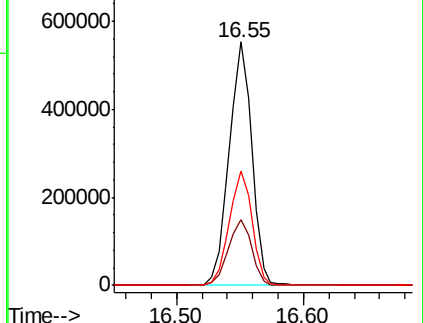
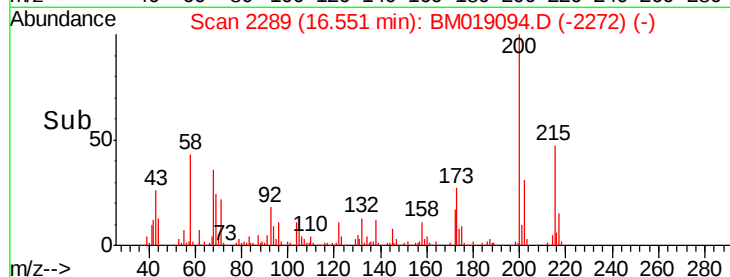
215 46.8 27.7 67.7



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



#70

Pentachlorophenol

Concen: 49.384 ng

RT: 16.72 min Scan# 2318

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

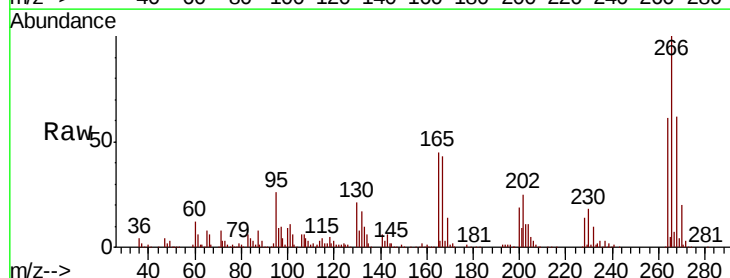
Tgt Ion:266 Resp: 508390

Ion Ratio Lower Upper

266 100

268 61.8 51.3 76.9

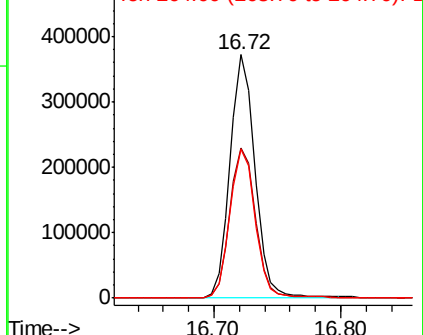
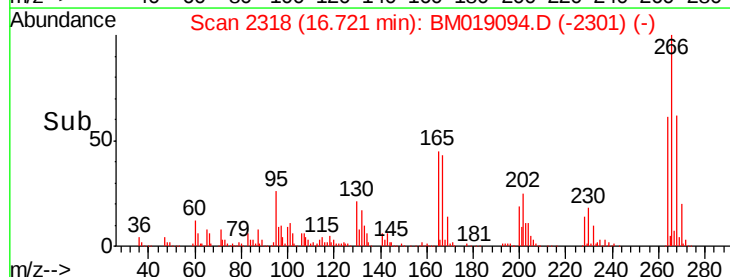
264 61.2 50.0 75.0

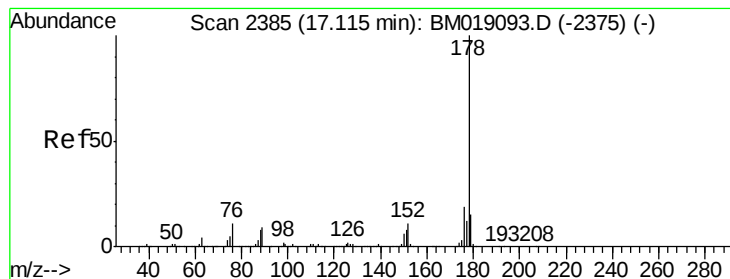


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 54.993 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

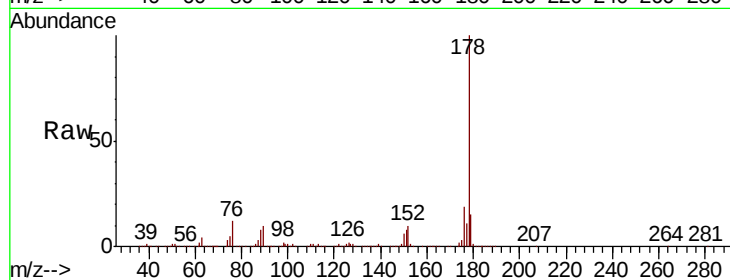
Tot Ion:178 Resp: 3631849

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

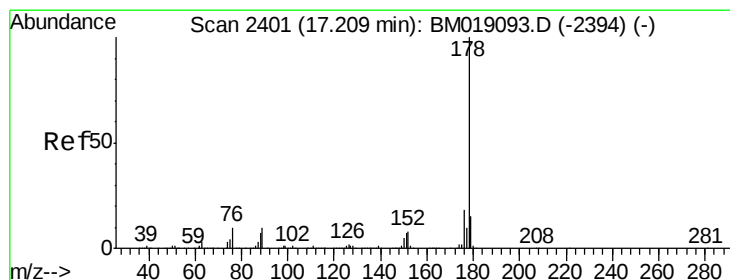
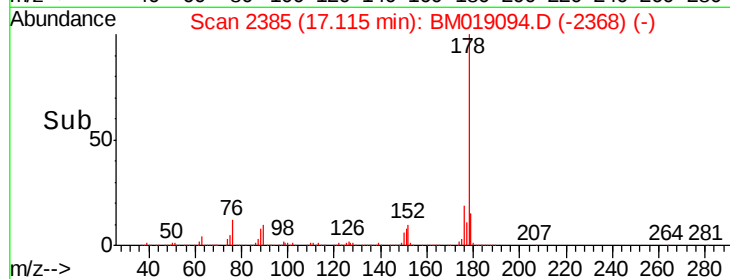
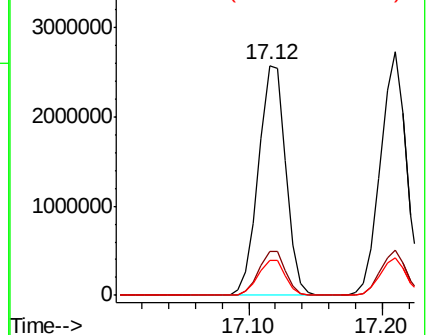
179 15.5 12.2 18.2



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



#72

Anthracene

Concen: 56.754 ng

RT: 17.21 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

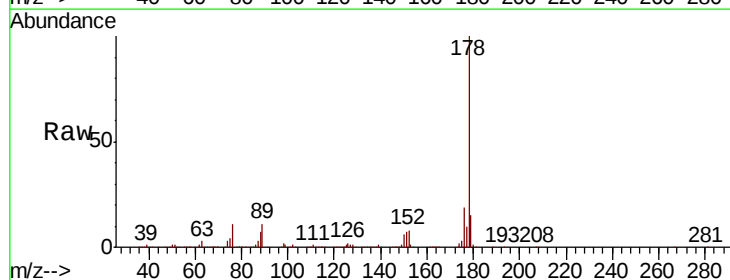
Tgt Ion:178 Resp: 3648172

Ion Ratio Lower Upper

178 100

176 18.6 14.6 22.0

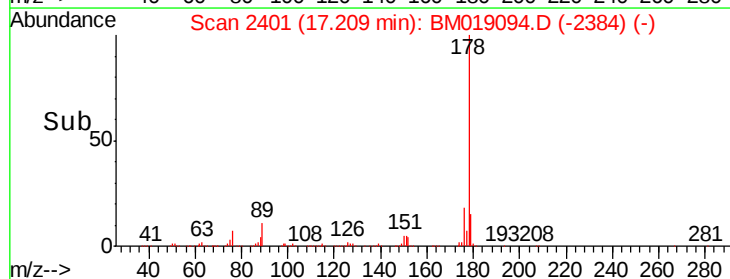
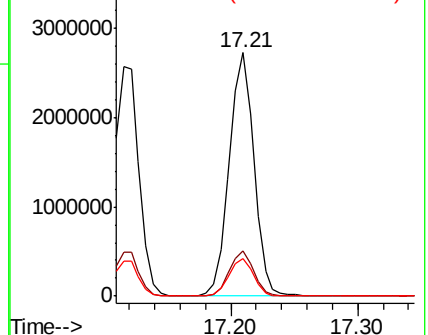
179 15.4 11.9 17.9

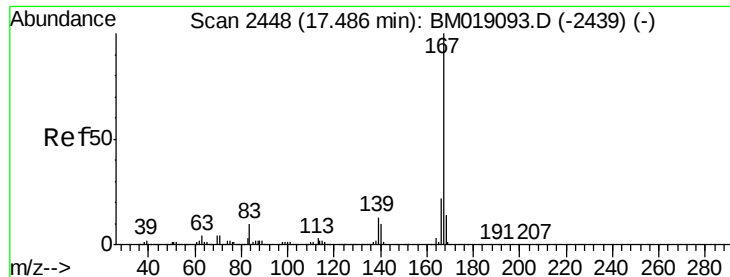


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

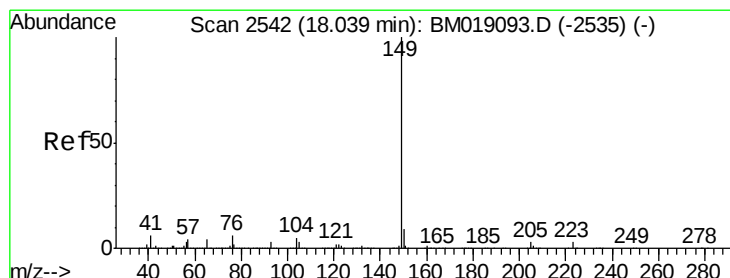
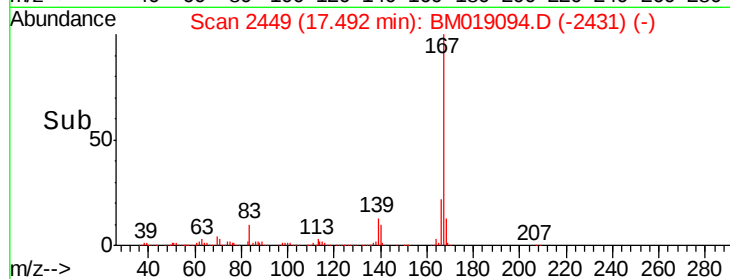
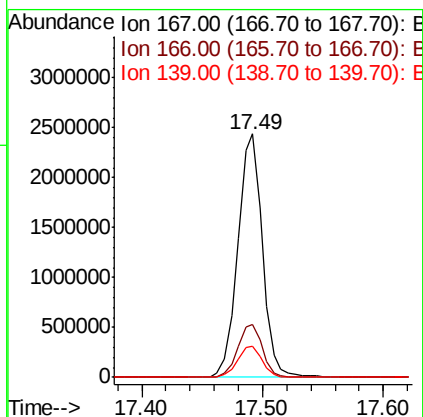
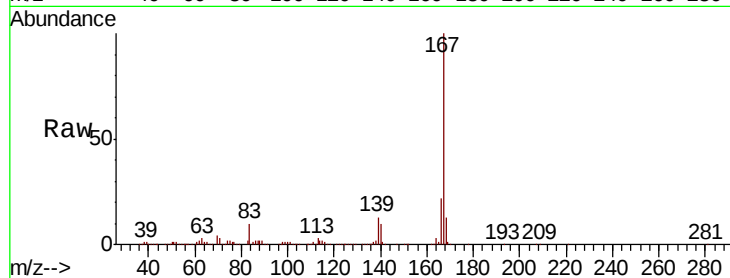




#73  
 Carbazole  
 Concen: 51.457 ng  
 RT: 17.49 min Scan# 2449  
 Delta R.T. 0.01 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

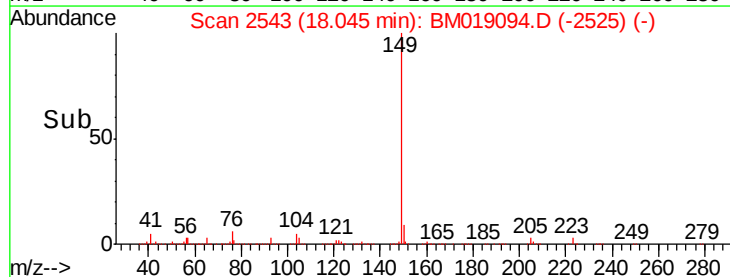
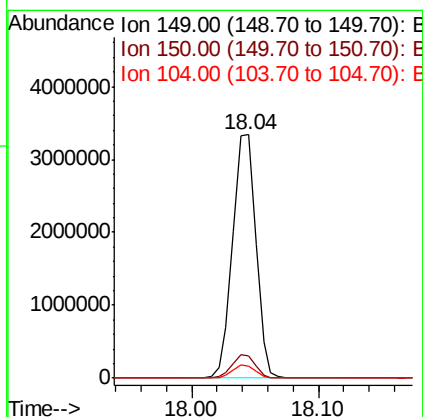
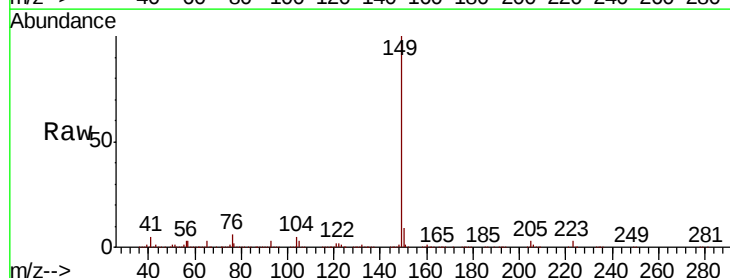
Instrument :  
 BNA\_M  
 ClientSampleId :

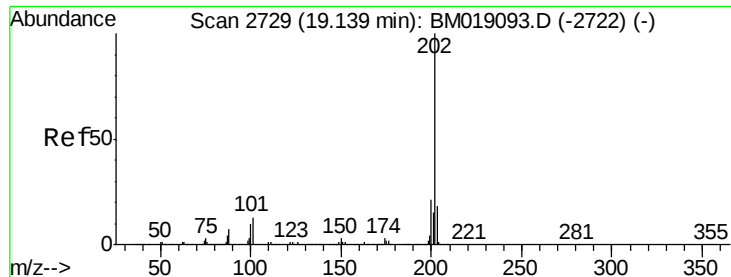
Tot Ion:167 Resp: 3455742  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.8 26.8  
 139 12.7 10.5 15.7



#74  
 Di-n-butylphthalate  
 Concen: 54.756 ng  
 RT: 18.04 min Scan# 2543  
 Delta R.T. 0.01 min  
 Lab File: BM019094.D  
 Acq: 11 Mar 2019 15:21

Tgt Ion:149 Resp: 4229178  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.0  
 104 5.1 4.2 6.4





#75

Fluoranthene

Concen: 55.745 ng

RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

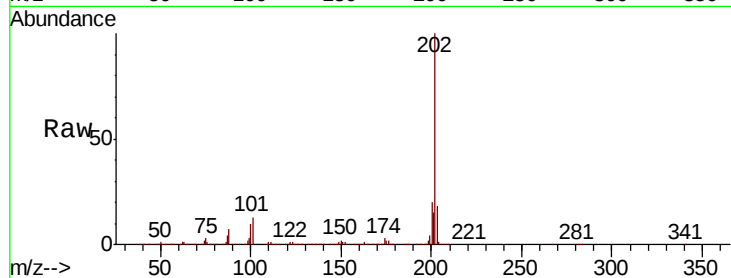
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:202 Resp: 4252567

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 12.9  | 0.0   | 33.0  |
| 203 | 17.7  | 0.0   | 37.8  |

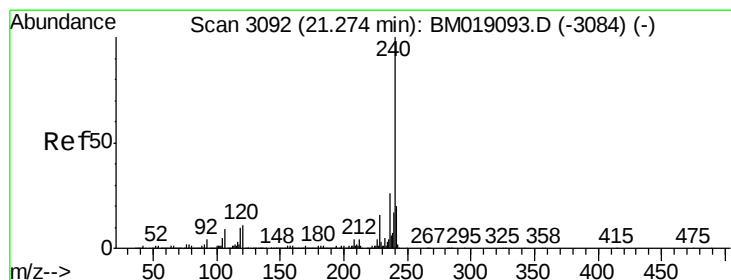
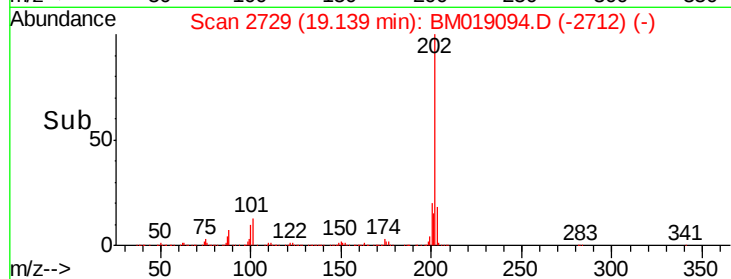
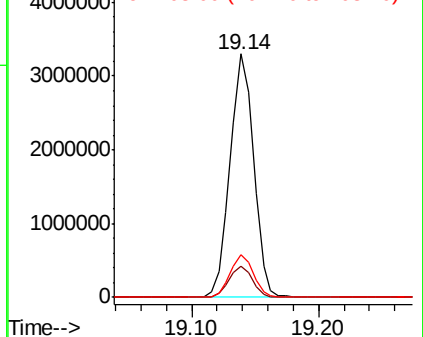


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3092

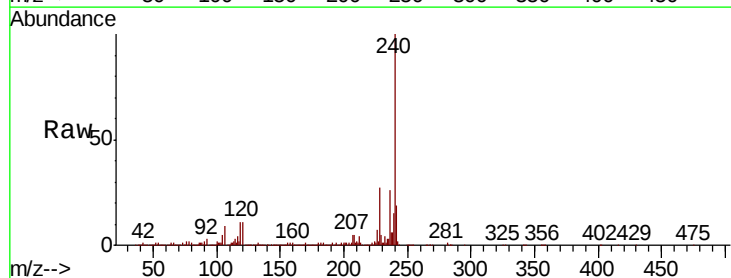
Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Tgt Ion:240 Resp: 1350545

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.4  | 8.9   | 13.3  |
| 236 | 25.6  | 21.0  | 31.4  |

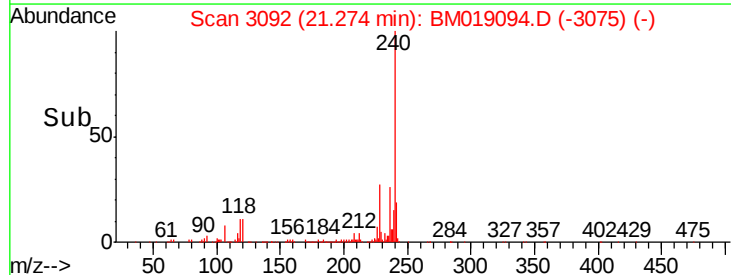
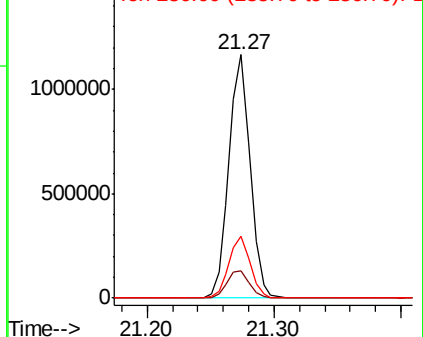


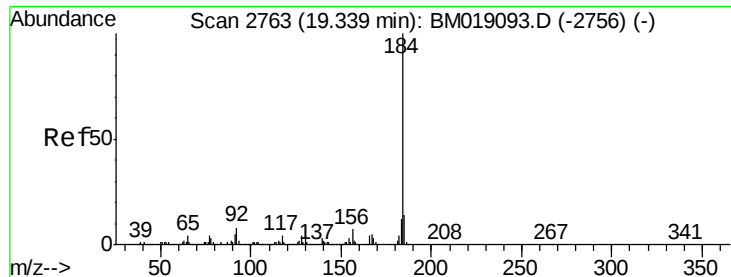
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 70.956 ng

RT: 19.34 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

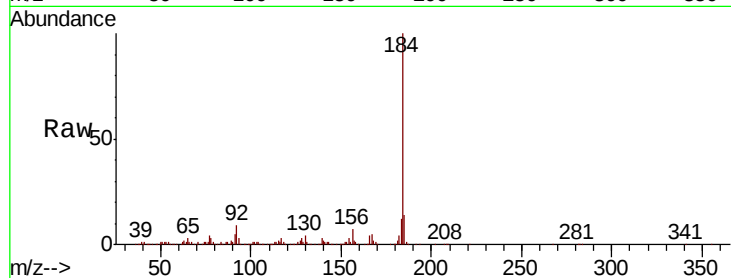
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 2158203

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.0  | 11.0  | 16.4  |
| 183 | 12.2  | 9.8   | 14.6  |

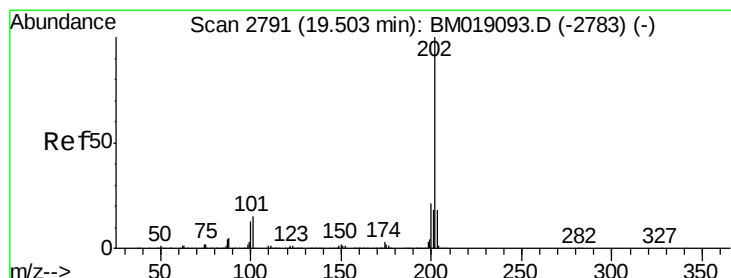
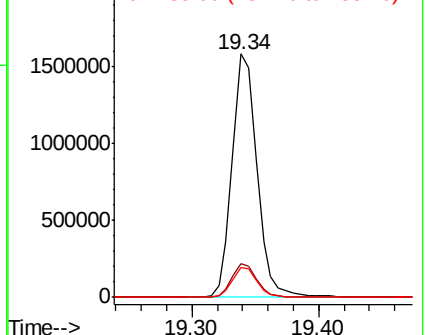
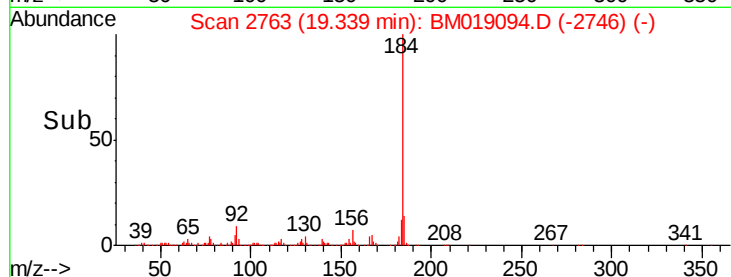


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 55.732 ng

RT: 19.50 min Scan# 2791

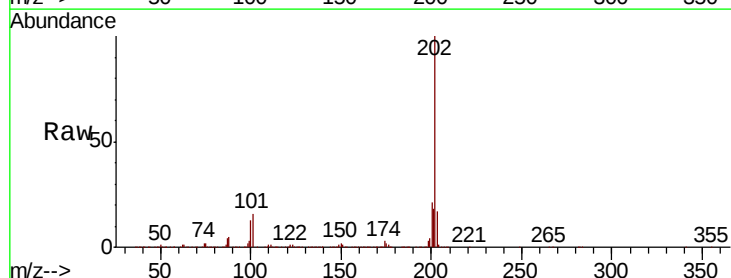
Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Tgt Ion:202 Resp: 4371558

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.7  | 16.9  | 25.3  |
| 203 | 17.5  | 14.0  | 21.0  |

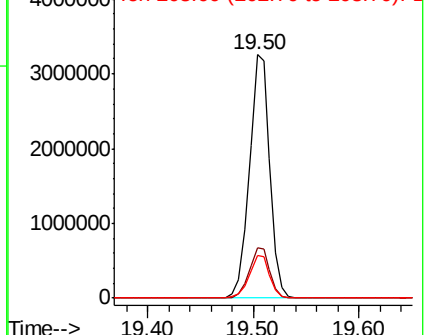
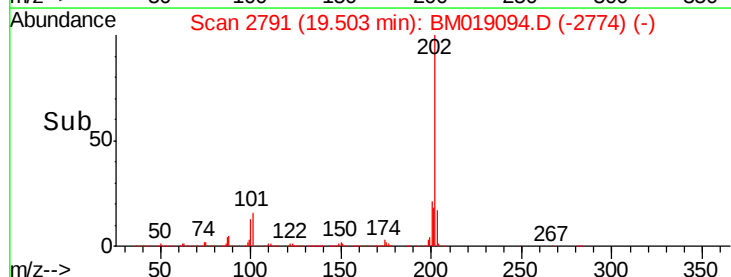


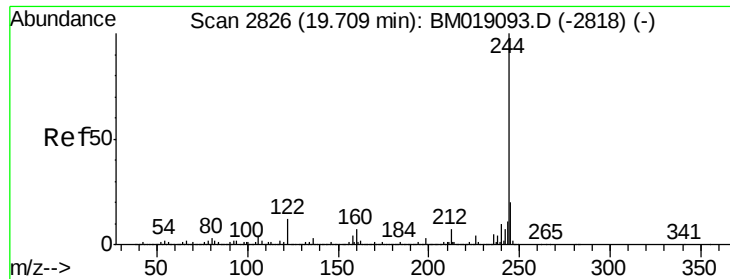
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 105.720 ng

RT: 19.71 min Scan# 2826

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

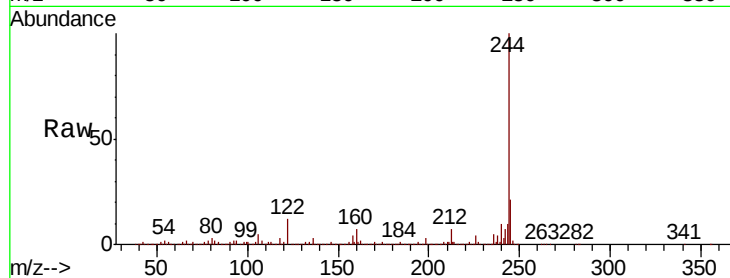
Tot Ion:244 Resp: 6921341

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

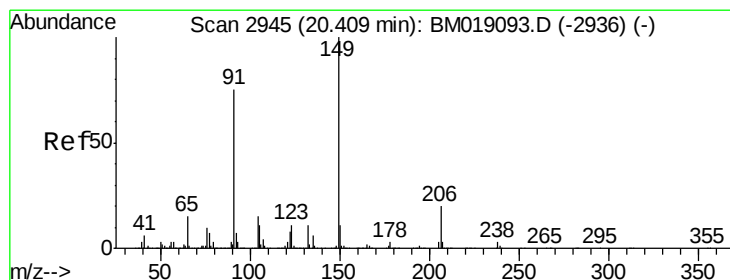
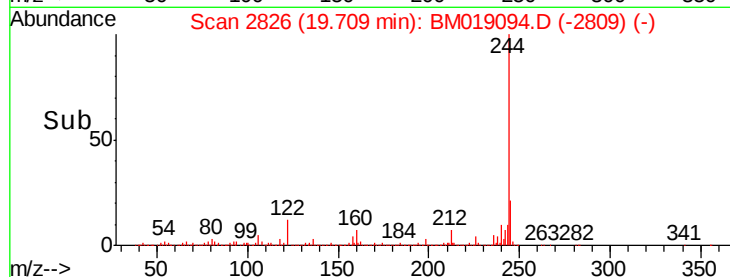
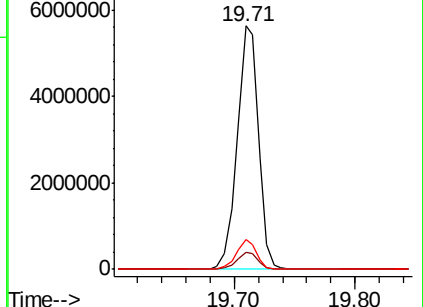
122 12.4 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 56.193 ng

RT: 20.41 min Scan# 2945

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

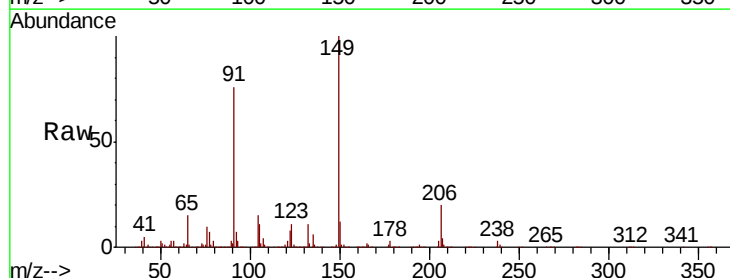
Tgt Ion:149 Resp: 2008753

Ion Ratio Lower Upper

149 100

91 76.3 60.1 90.1

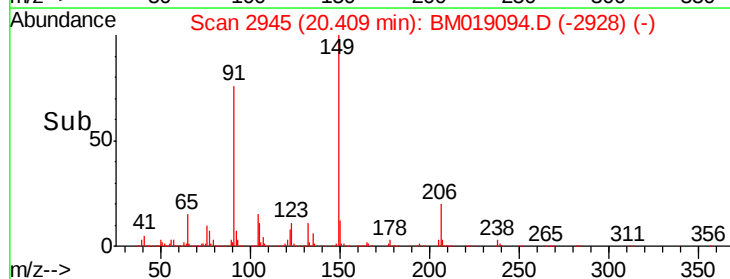
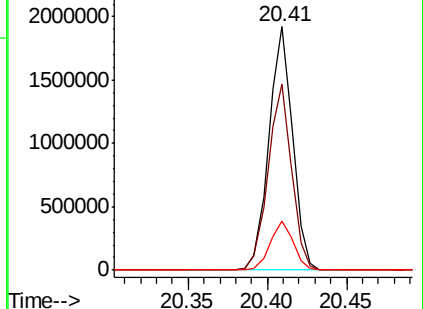
206 20.4 16.2 24.2

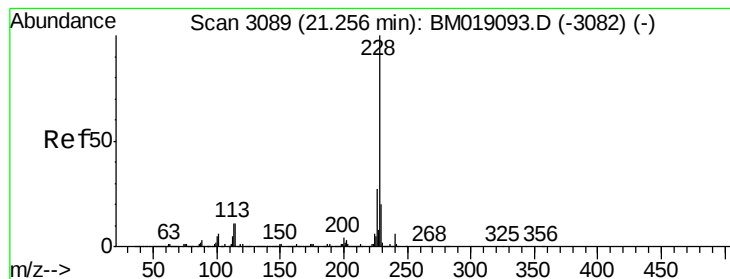


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 55.066 ng

RT: 21.26 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

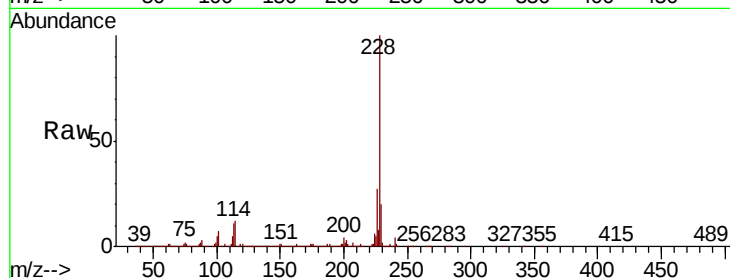
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 4335103

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 27.2  | 21.8  | 32.8  |
| 229 | 20.0  | 15.8  | 23.6  |

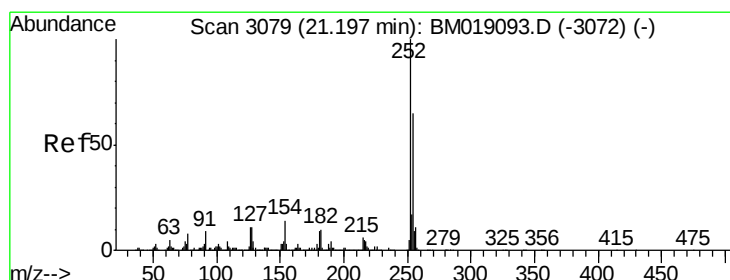
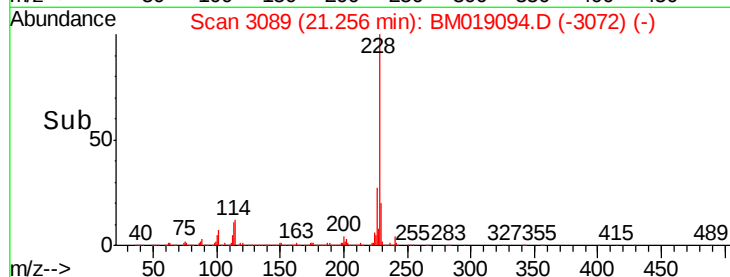
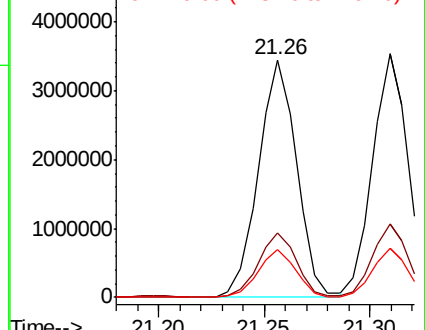


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 55.097 ng

RT: 21.20 min Scan# 3079

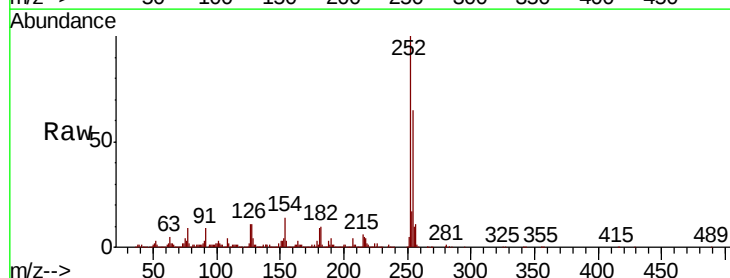
Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Tgt Ion:252 Resp: 1714255

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 65.0  | 52.4  | 78.6  |
| 126 | 11.2  | 9.0   | 13.6  |

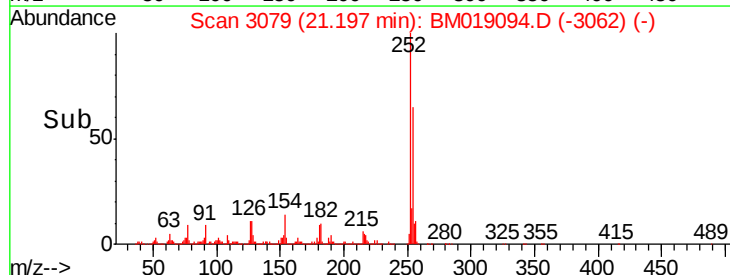
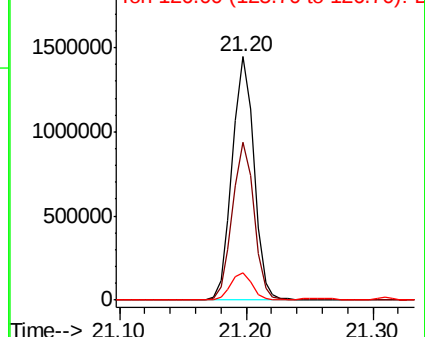


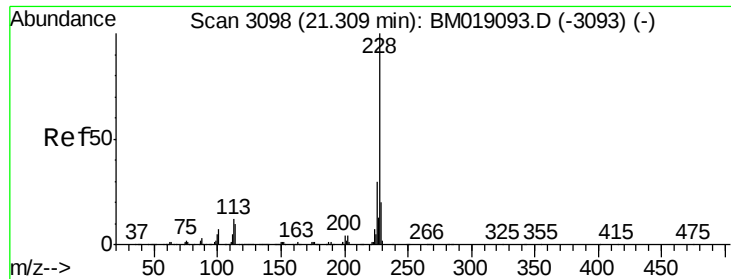
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 54.857 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampled :

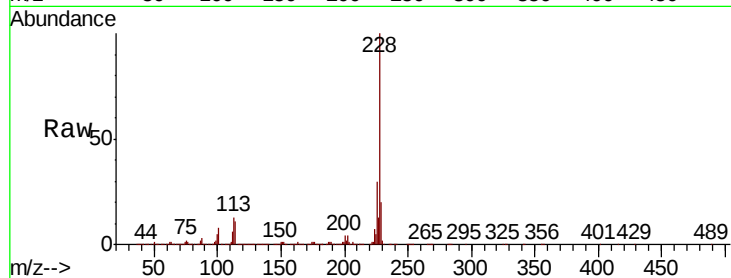
Tot Ion:228 Resp: 4139407

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

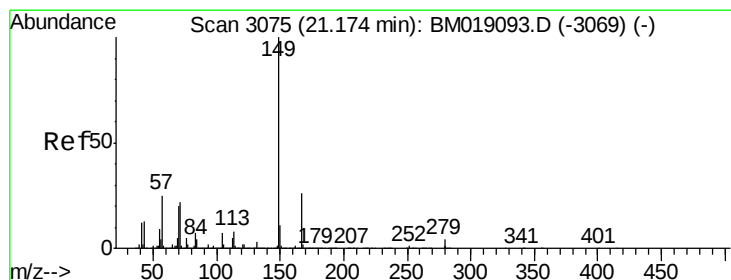
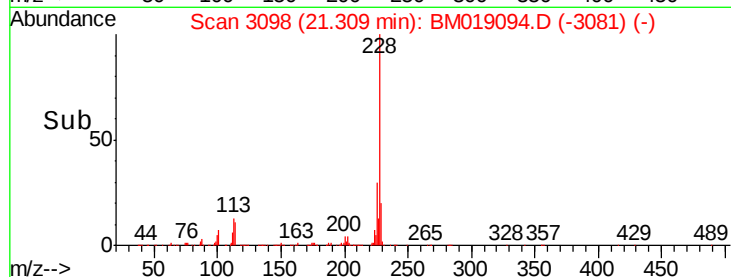
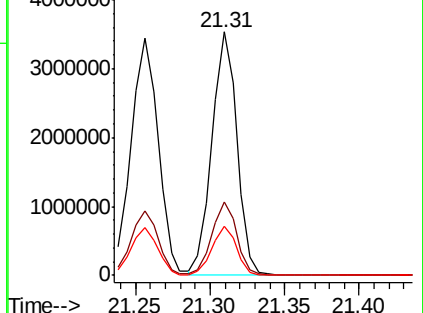
229 20.1 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.324 ng

RT: 21.17 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

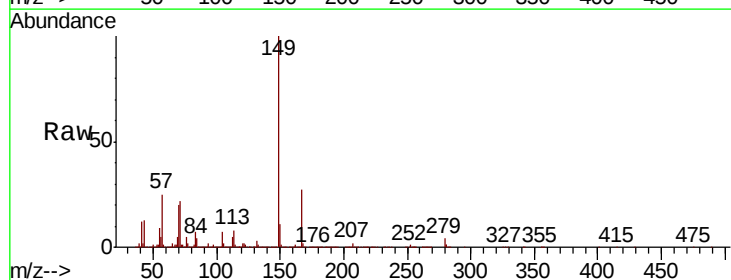
Tgt Ion:149 Resp: 2894589

Ion Ratio Lower Upper

149 100

167 26.9 21.1 31.7

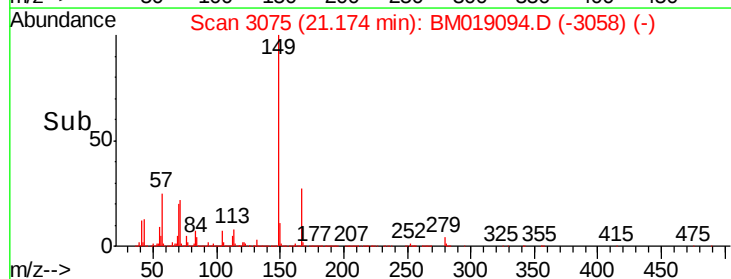
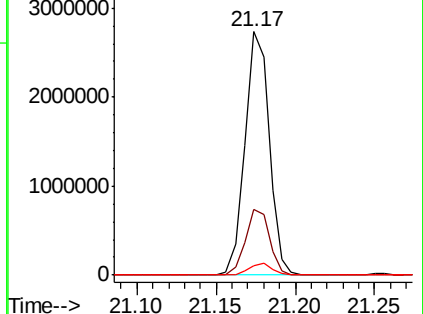
279 4.1 3.2 4.8

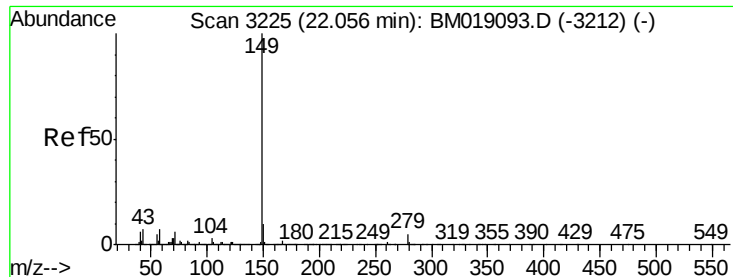


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 55.918 ng

RT: 22.06 min Scan# 3225

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampled :

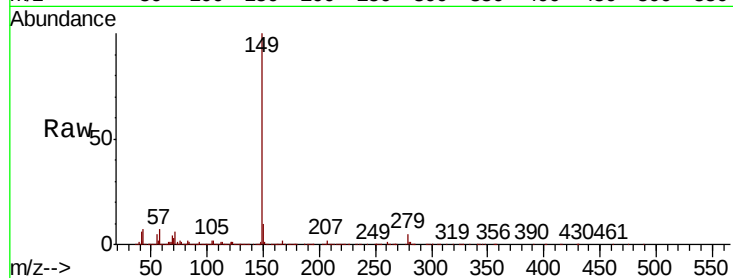
Tot Ion:149 Resp: 4917151

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

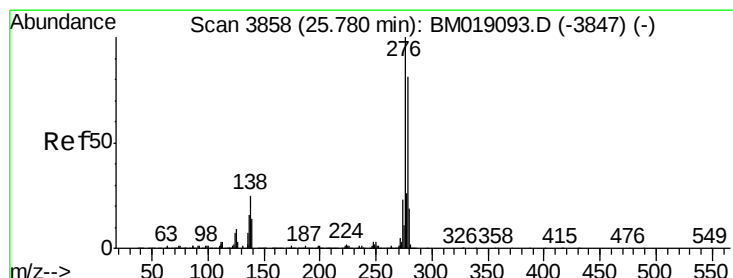
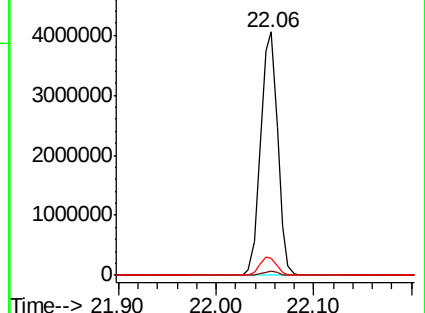
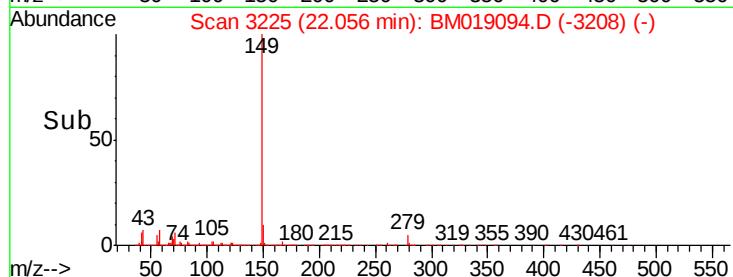
43 7.6 6.1 9.1



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 51.129 ng

RT: 25.79 min Scan# 3859

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

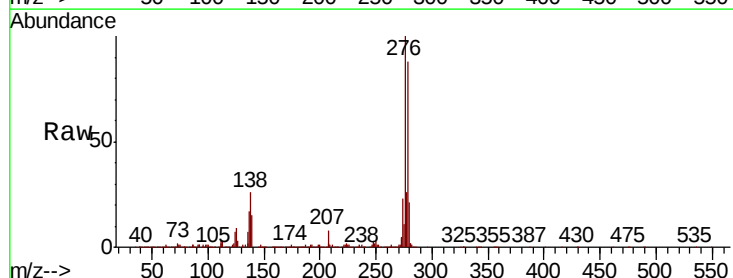
Tgt Ion:276 Resp: 4454300

Ion Ratio Lower Upper

276 100

138 25.1 19.8 29.8

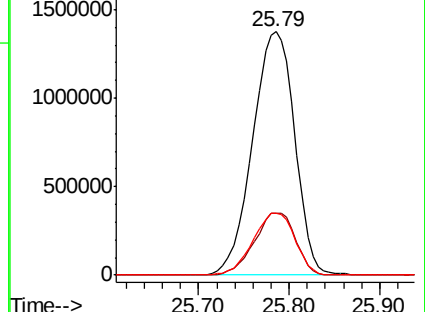
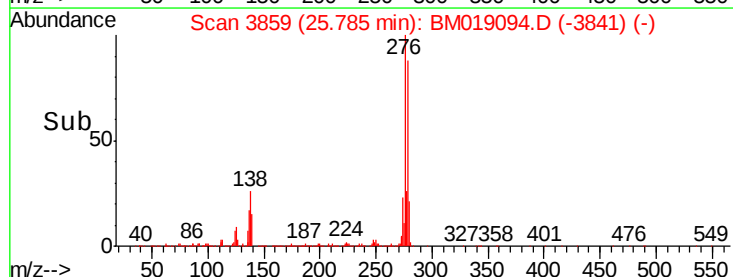
277 25.5 20.3 30.5

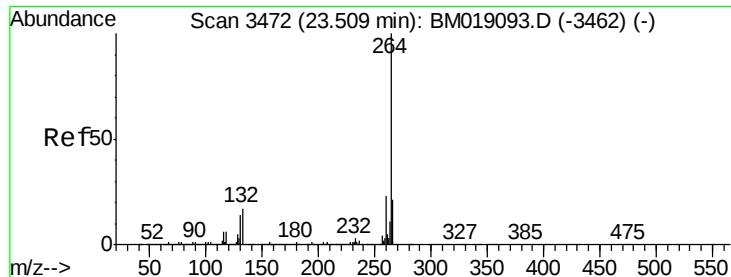


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.51 min Scan# 3472

Delta R.T. -0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

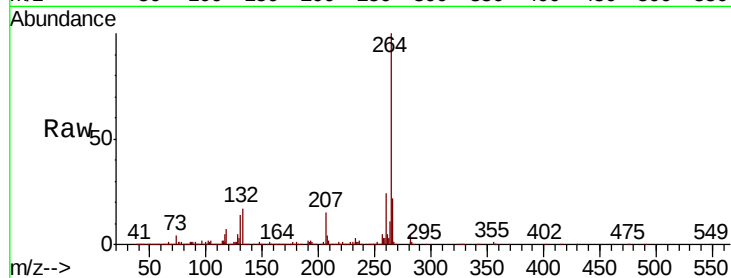
Tot Ion:264 Resp: 1337916

Ion Ratio Lower Upper

264 100

260 23.9 18.6 28.0

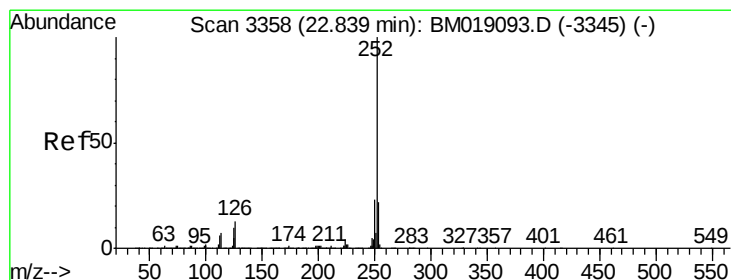
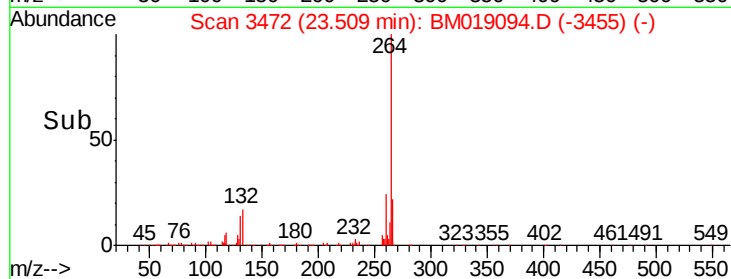
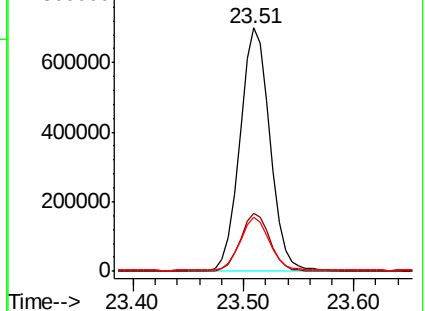
265 22.1 17.3 25.9



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



#88

Benzo(b)fluoranthene

Concen: 58.986 ng

RT: 22.84 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

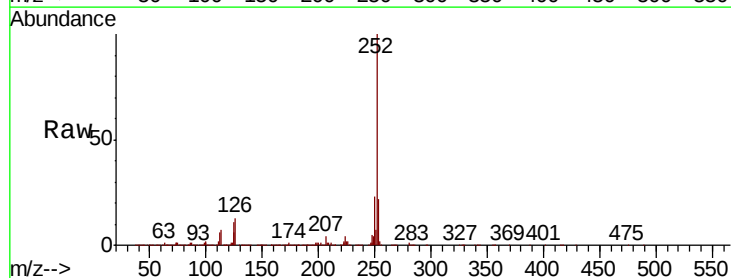
Tgt Ion:252 Resp: 4515199

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

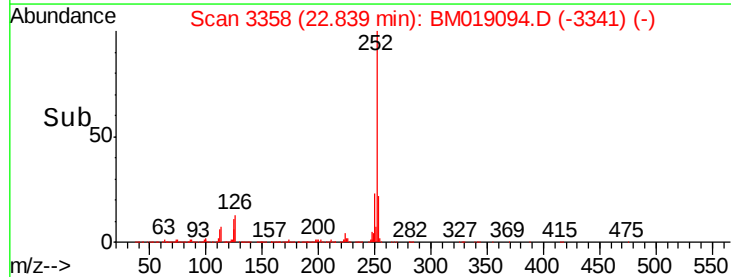
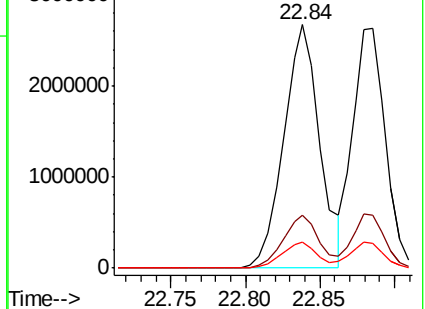
125 10.6 8.1 12.1

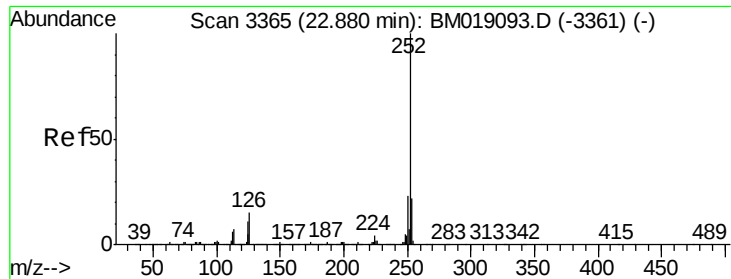


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

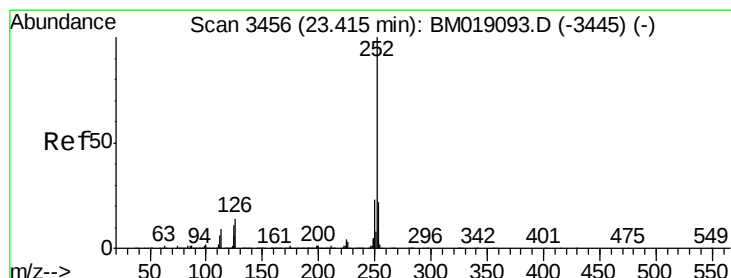
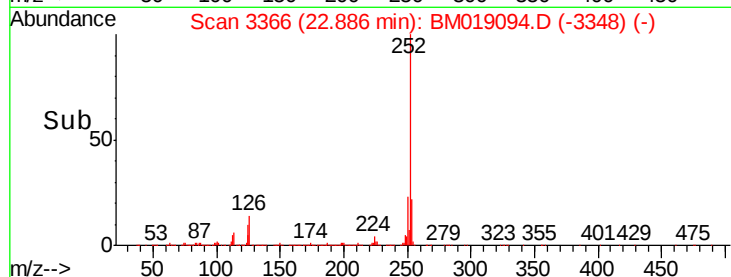
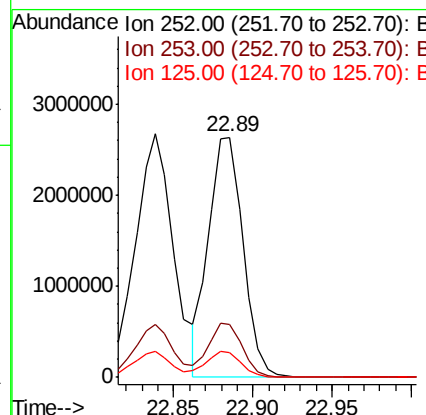
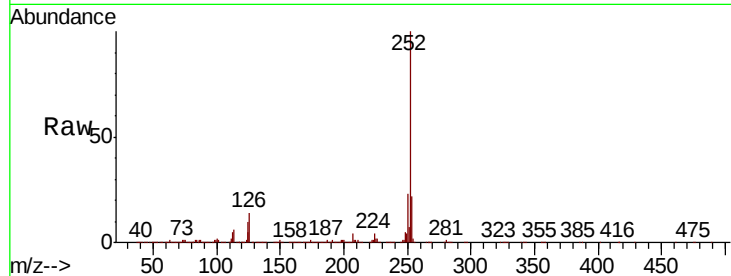




#89  
Benzo(k)fluoranthene  
Concen: 52.428 ng  
RT: 22.89 min Scan# 3366  
Delta R.T. 0.01 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

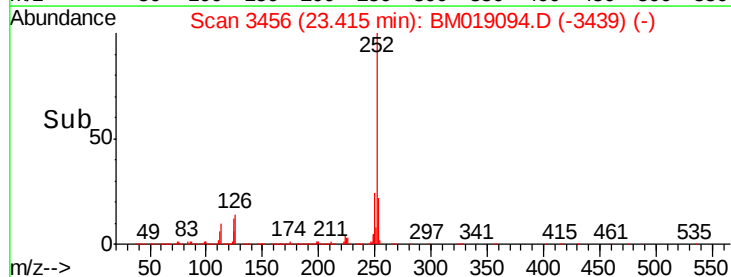
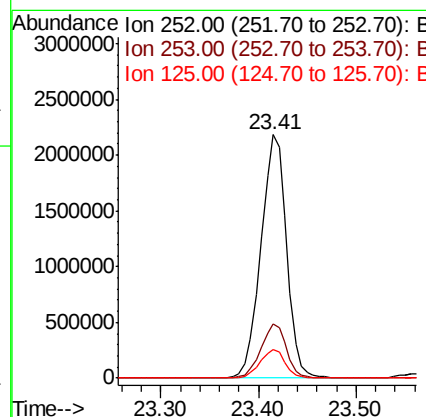
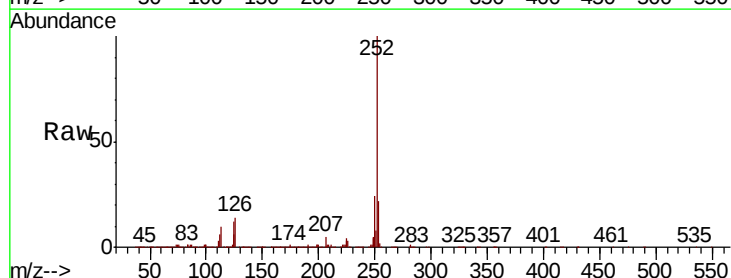
Instrument :  
BNA\_M  
ClientSampleId :

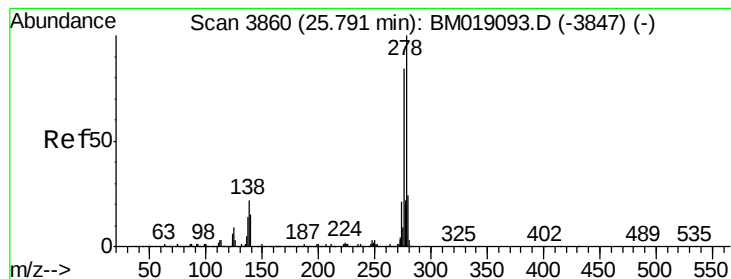
Tot Ion:252 Resp: 3995381  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 10.3 8.8 13.2



#90  
Benzo(a)pyrene  
Concen: 55.300 ng  
RT: 23.41 min Scan# 3456  
Delta R.T. 0.00 min  
Lab File: BM019094.D  
Acq: 11 Mar 2019 15:21

Tgt Ion:252 Resp: 4010089  
Ion Ratio Lower Upper  
252 100  
253 22.1 17.4 26.2  
125 11.8 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 52.439 ng

RT: 25.80 min Scan# 3861

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

Instrument :

BNA\_M

ClientSampleId :

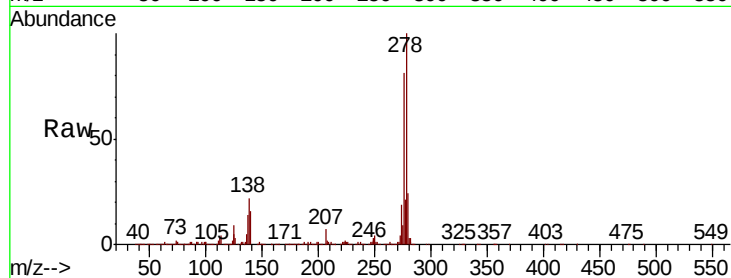
Tot Ion:278 Resp: 3767402

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.1  | 12.3  | 18.5  |
| 279 | 23.8  | 18.9  | 28.3  |

278 100

139 16.1 12.3 18.5

279 23.8 18.9 28.3

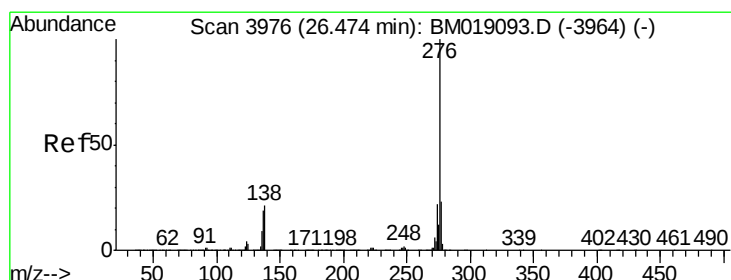
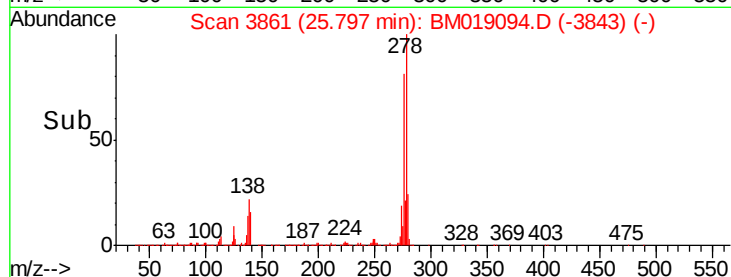
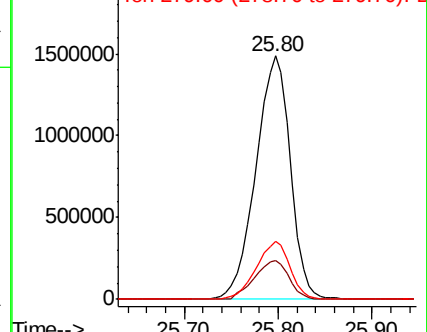


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 50.468 ng

RT: 26.48 min Scan# 3977

Delta R.T. 0.01 min

Lab File: BM019094.D

Acq: 11 Mar 2019 15:21

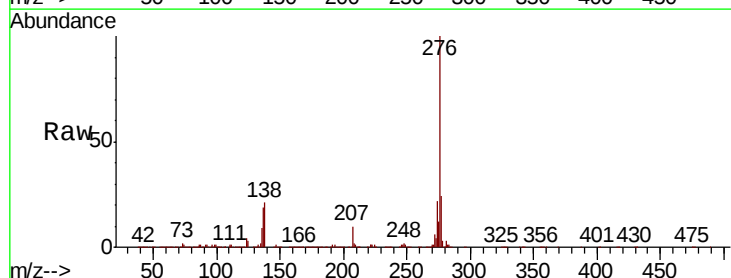
Tgt Ion:276 Resp: 3375506

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 24.1  | 18.8  | 28.2  |
| 138 | 21.5  | 17.0  | 25.4  |

276 100

277 24.1 18.8 28.2

138 21.5 17.0 25.4



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

