

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062019\  
 Data File : BM021058.D  
 Acq On : 20 Jun 2019 10:12  
 Operator : HP/JU  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 20 12:27:01 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 20 12:21:18 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.78  | 152  | 231990   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.57 | 136  | 1006699  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.42 | 164  | 686867   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.17 | 188  | 1688239  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.35 | 240  | 1622652  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.63 | 264  | 1613075  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.37  | 112 | 257512  | 19.53 | ng | 0.00 |
| 7) Phenol-d6             | 6.95  | 99  | 363695  | 18.73 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.94  | 82  | 390559  | 20.10 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.91 | 330 | 249822  | 29.36 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.04 | 172 | 1155325 | 22.36 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.79 | 244 | 1800833 | 18.56 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.32  | 88  | 50208  | 9.299  | ng | 98     |
| 3) Pyridine                    | 3.73  | 79  | 139284 | 8.108  | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.64  | 42  | 49610  | 6.699  | ng | # 90   |
| 6) Aniline                     | 7.12  | 93  | 242465 | 8.629  | ng | 98     |
| 8) 2-Chlorophenol              | 7.35  | 128 | 155349 | 9.469  | ng | 99     |
| 9) Benzaldehyde                | 6.93  | 77  | 129965 | 11.822 | ng | 100    |
| 10) Phenol                     | 6.97  | 94  | 186337 | 8.904  | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.21  | 93  | 151910 | 9.108  | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.67  | 146 | 195216 | 10.353 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.82  | 146 | 199783 | 10.422 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.13  | 146 | 196574 | 10.537 | ng | 99     |
| 15) Benzyl Alcohol             | 8.02  | 79  | 143558 | 8.356  | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.30  | 45  | 201883 | 7.840  | ng | 99     |
| 17) 2-Methylphenol             | 8.22  | 107 | 132552 | 9.007  | ng | 98     |
| 18) Hexachloroethane           | 8.85  | 117 | 70613  | 9.621  | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.59  | 70  | 138190 | 8.853  | ng | 100    |
| 20) 3+4-Methylphenols          | 8.55  | 107 | 180740 | 9.027  | ng | 98     |
| 22) Acetophenone               | 8.60  | 105 | 270617 | 10.582 | ng | 98     |
| 24) Nitrobenzene               | 8.98  | 77  | 198214 | 9.993  | ng | 99     |
| 25) Isophorone                 | 9.50  | 82  | 366723 | 9.488  | ng | 100    |
| 26) 2-Nitrophenol              | 9.69  | 139 | 86918  | 11.758 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.75  | 122 | 137937 | 9.958  | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.99  | 93  | 235826 | 10.091 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.22 | 162 | 172734 | 11.271 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.43 | 180 | 212932 | 12.083 | ng | 97     |
| 31) Naphthalene                | 10.62 | 128 | 556588 | 10.752 | ng | 99     |
| 32) Benzoic acid               | 9.84  | 122 | 76714  | 9.891  | ng | 96     |
| 33) 4-Chloroaniline            | 10.74 | 127 | 244449 | 10.146 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.89 | 225 | 135114 | 12.778 | ng | 98     |
| 35) Caprolactam                | 11.53 | 113 | 52587  | 9.877  | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 11.86 | 107 | 180805 | 10.147 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.23 | 142 | 425530 | 11.090 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.45 | 142 | 409380 | 11.205 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.60 | 216 | 257981 | 11.461 | ng | 100    |

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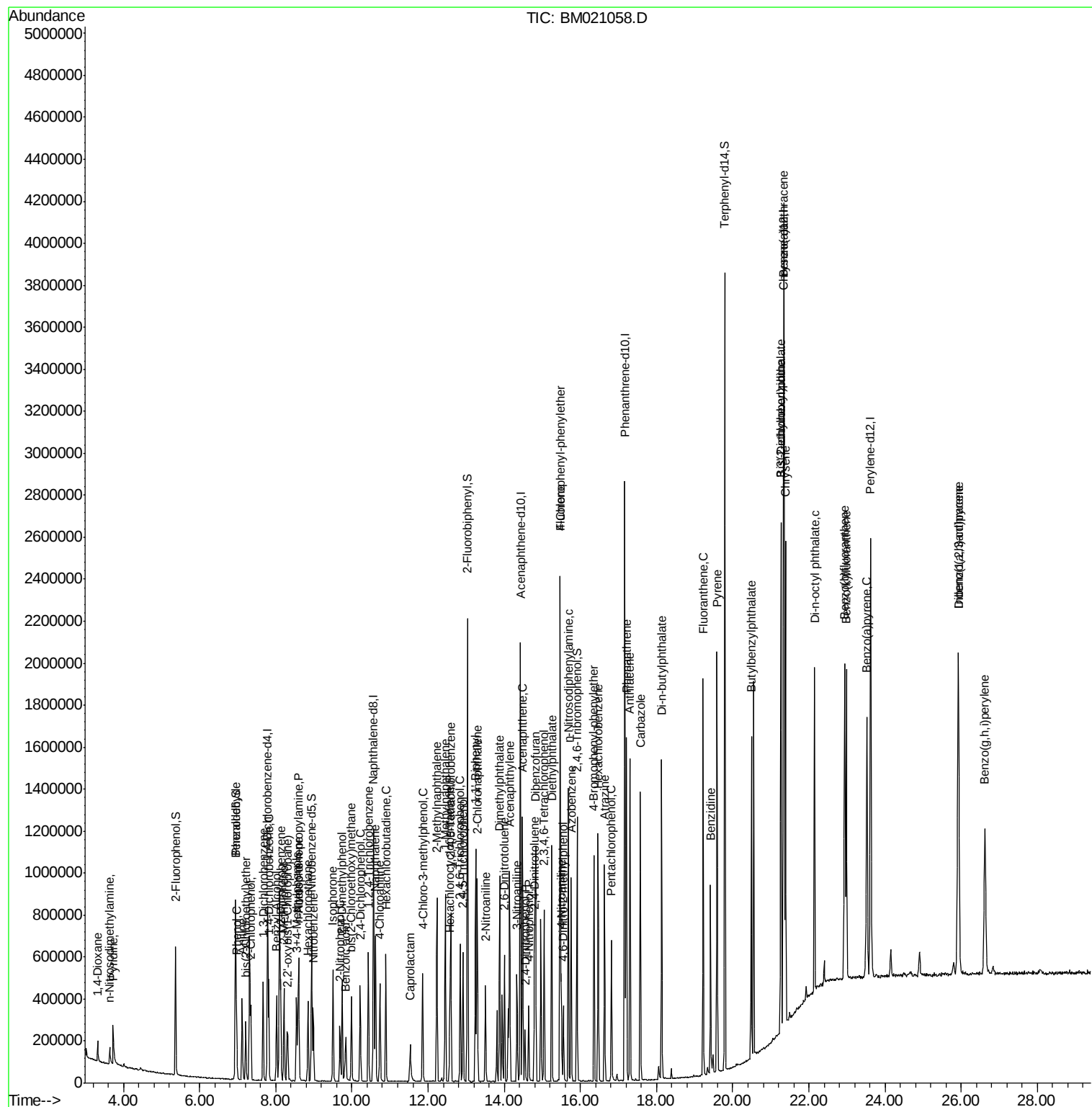
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.57 | 237  | 136189   | 10.116 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.85 | 196  | 164916   | 11.382 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.92 | 196  | 172236   | 11.515 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.25 | 154  | 608794   | 10.613 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.29 | 162  | 488334   | 10.547 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.50 | 65   | 122977   | 8.463  | ng    | 95       |
| 49) Acenaphthylene             | 14.14 | 152  | 742163   | 10.274 | ng    | 99       |
| 50) Dimethylphthalate          | 13.88 | 163  | 646291   | 11.013 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.00 | 165  | 128734   | 10.804 | ng    | 97       |
| 52) Acenaphthene               | 14.48 | 154  | 452606   | 10.513 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.34 | 138  | 127434   | 9.582  | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.55 | 184  | 57606    | 13.688 | ng    | 98       |
| 55) Dibenzofuran               | 14.82 | 168  | 748053   | 11.188 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.64 | 139  | 95823    | 9.777  | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.79 | 165  | 172941   | 10.840 | ng    | 96       |
| 58) Fluorene                   | 15.47 | 166  | 604866   | 11.001 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.05 | 232  | 171768   | 13.178 | ng    | 100      |
| 60) Diethylphthalate           | 15.24 | 149  | 634046   | 10.476 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.46 | 204  | 337106   | 11.579 | ng    | 95       |
| 62) 4-Nitroaniline             | 15.50 | 138  | 133917   | 9.494  | ng    | 95       |
| 63) Azobenzene                 | 15.76 | 77   | 510091   | 8.791  | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.56 | 198  | 83747    | 12.004 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.68 | 169  | 532060   | 9.845  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.36 | 248  | 219019   | 11.019 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.47 | 284  | 267217   | 11.513 | ng    | 100      |
| 69) Atrazine                   | 16.63 | 200  | 196862   | 12.205 | ng    | 98       |
| 70) Pentachlorophenol          | 16.82 | 266  | 128352   | 11.591 | ng    | 100      |
| 71) Phenanthrene               | 17.21 | 178  | 1004897  | 10.501 | ng    | 99       |
| 72) Anthracene                 | 17.30 | 178  | 978206   | 10.213 | ng    | 99       |
| 73) Carbazole                  | 17.57 | 167  | 861632   | 9.913  | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.13 | 149  | 1064849  | 9.438  | ng    | 99       |
| 75) Fluoranthene               | 19.23 | 202  | 1183664  | 11.123 | ng    | 99       |
| 77) Benzidine                  | 19.42 | 184  | 529105   | 10.761 | ng    | 100      |
| 78) Pyrene                     | 19.59 | 202  | 1213889  | 9.749  | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.49 | 149  | 451771   | 8.585  | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.33 | 228  | 1149872  | 10.176 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.27 | 252  | 428128   | 10.346 | ng    | 99       |
| 83) Chrysene                   | 21.39 | 228  | 1119834  | 10.425 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.26 | 149  | 631449   | 8.256  | ng    | # 98     |
| 85) Di-n-octyl phthalate       | 22.15 | 149  | 992343   | 8.173  | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.92 | 276  | 1125704  | 10.244 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.94 | 252  | 1124865  | 10.551 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.98 | 252  | 1020548  | 9.795  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.52 | 252  | 960422   | 9.931  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.93 | 278  | 947878   | 10.103 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.63 | 276  | 879873   | 10.097 | ng    | 99       |

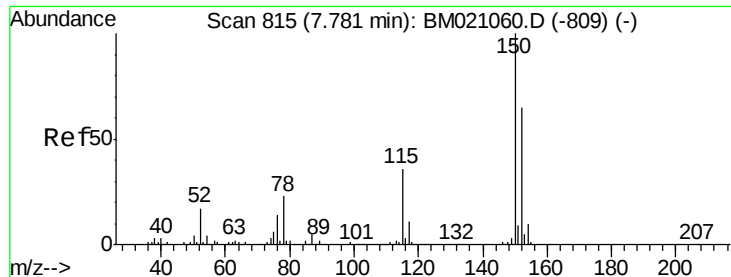
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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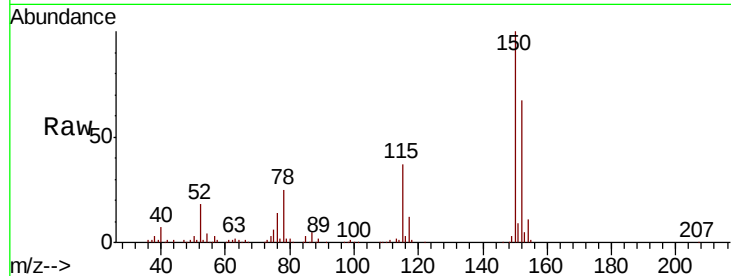


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.78 min Scan# 815  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.8 | 123.1 | 184.7 |
| 115     | 55.5  | 44.2  | 66.4  |

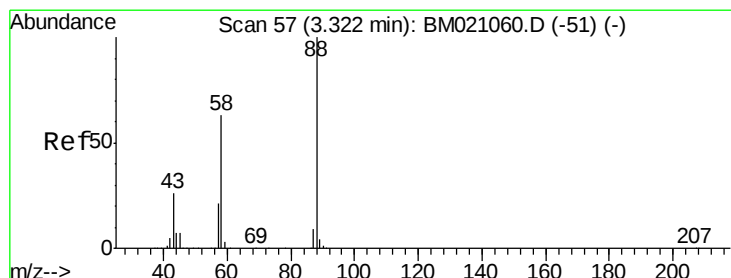
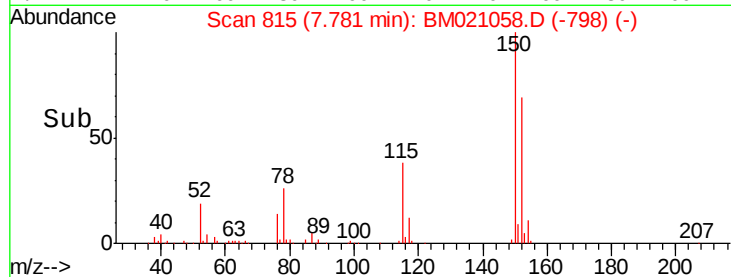
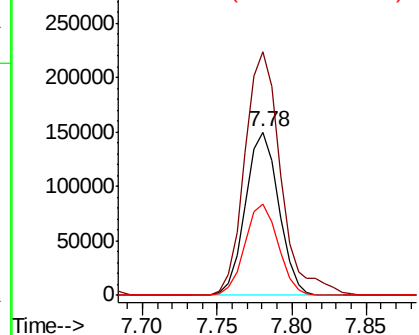


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

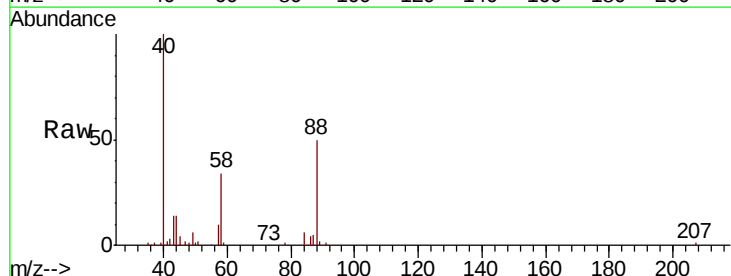
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 9.299 ng  
RT: 3.32 min Scan# 57  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 67.2  | 51.9  | 77.9  |
| 43      | 27.2  | 21.4  | 32.2  |

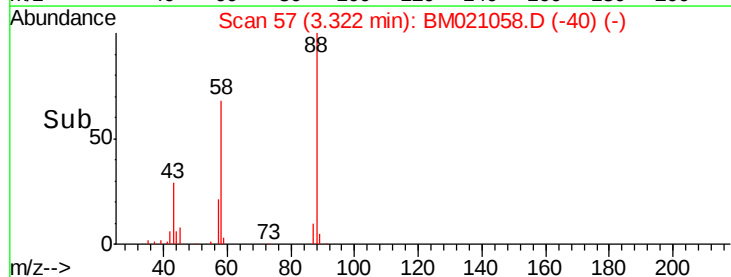
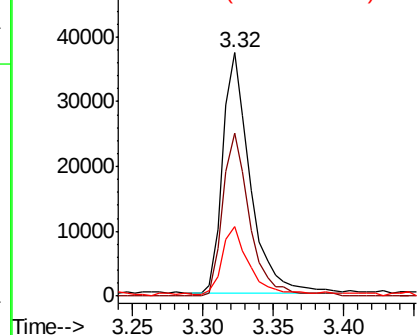


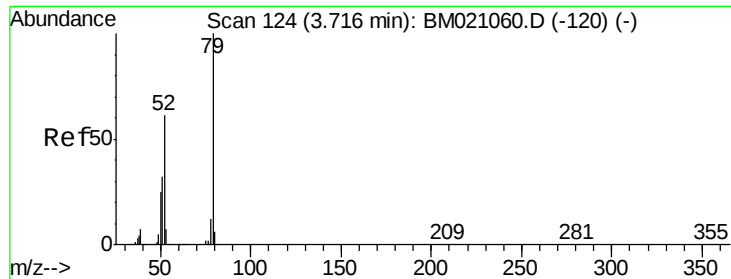
Abundance

Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

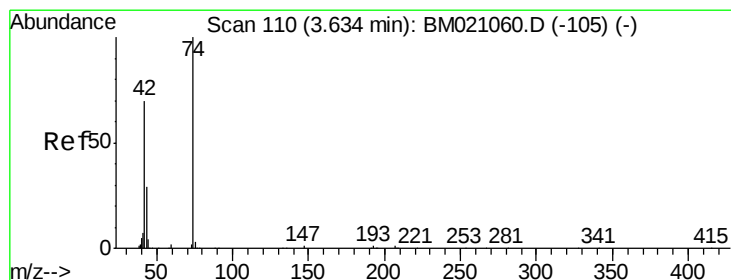
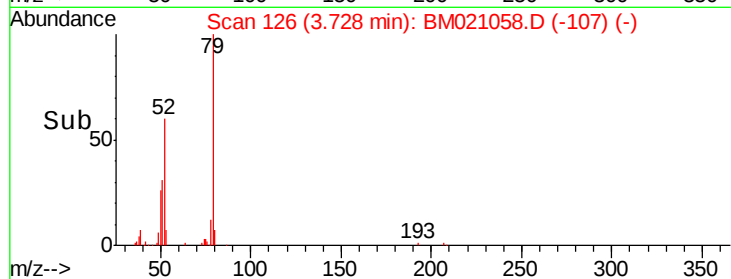
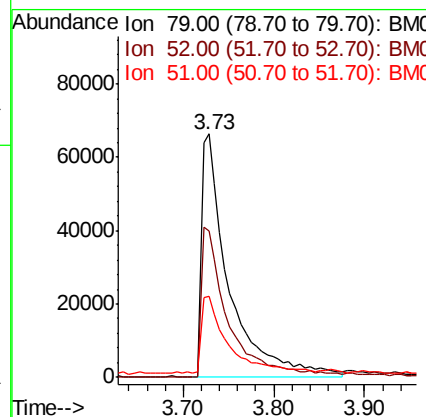
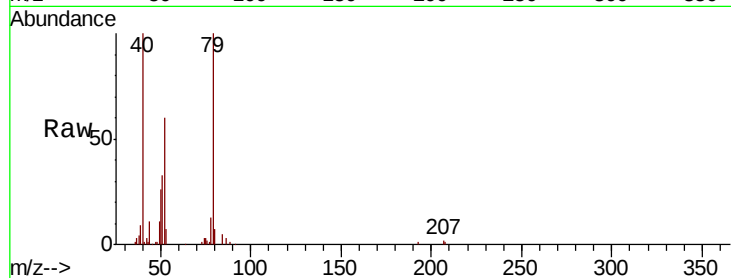




#3  
 Pvridine  
 Concen: 8.108 ng  
 RT: 3.73 min Scan# 126  
 Delta R.T. 0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

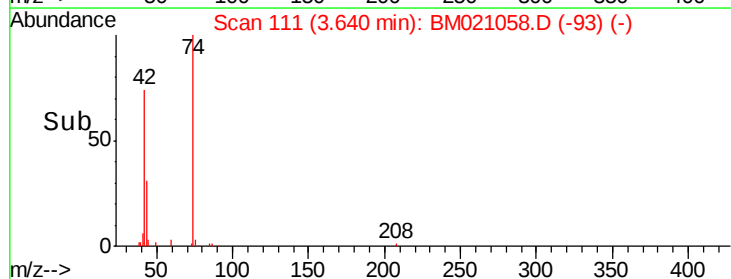
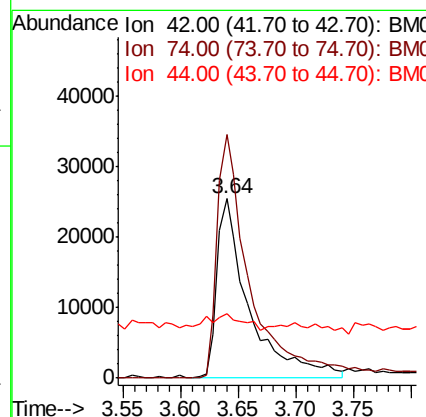
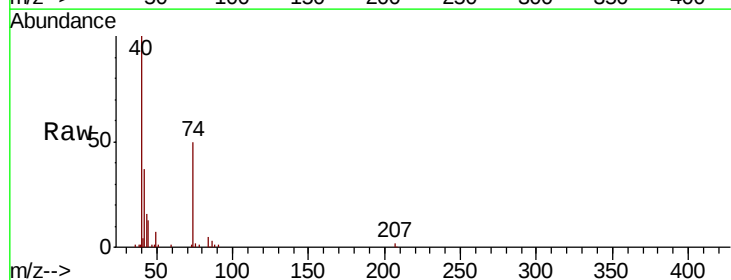
Instrument :  
 BNA\_M  
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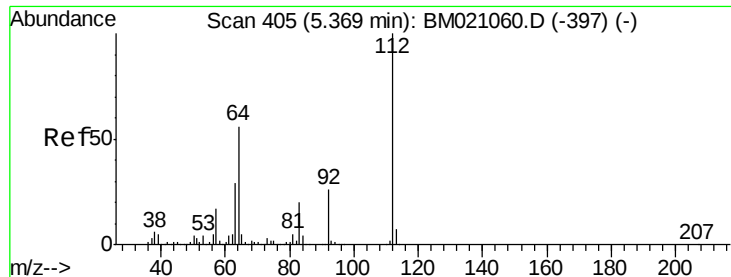
Tot Ion: 79 Resp: 139284  
 Ion Ratio Lower Upper  
 79 100  
 52 59.9 48.8 73.2  
 51 33.1 25.7 38.5



#4  
 n-Nitrosodimethylamine  
 Concen: 6.699 ng  
 RT: 3.64 min Scan# 111  
 Delta R.T. 0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

Tgt Ion: 42 Resp: 49610  
 Ion Ratio Lower Upper  
 42 100  
 74 135.7 113.8 170.6  
 44 36.0 8.2 12.2#





#5

2-Fluorophenol

Concen: 19.526 ng

RT: 5.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

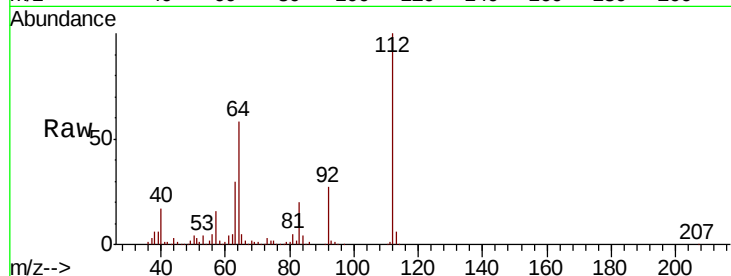
Tot Ion:112 Resp: 257512

Ion Ratio Lower Upper

112 100

64 58.1 45.2 67.8

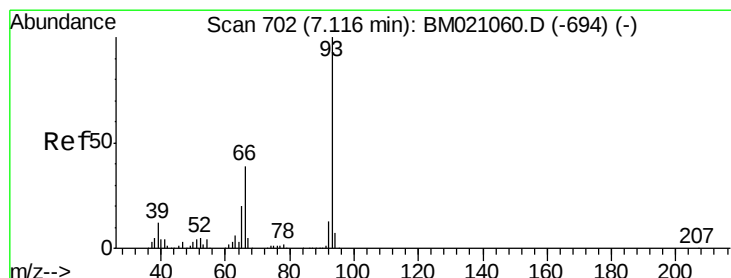
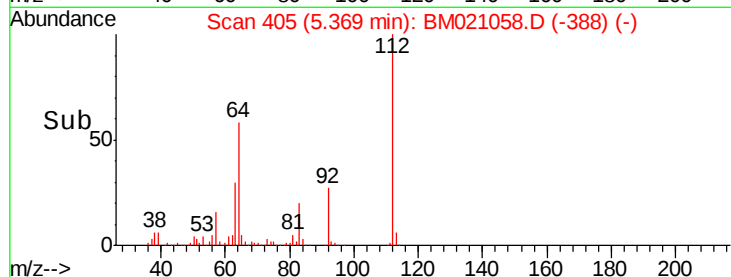
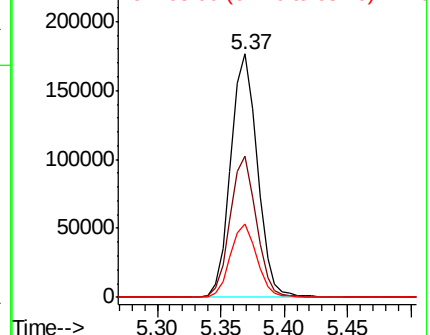
63 30.3 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 8.629 ng

RT: 7.12 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

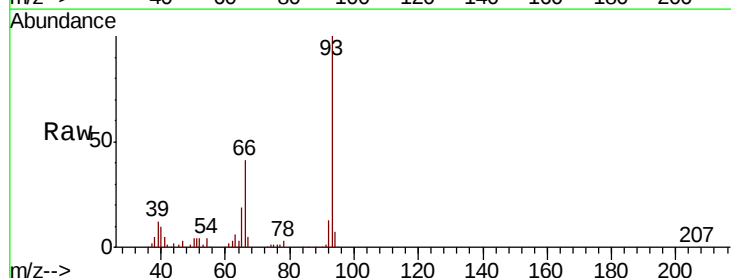
Tgt Ion: 93 Resp: 242465

Ion Ratio Lower Upper

93 100

66 40.5 31.3 46.9

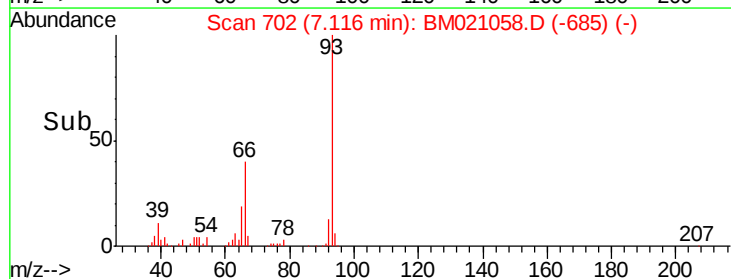
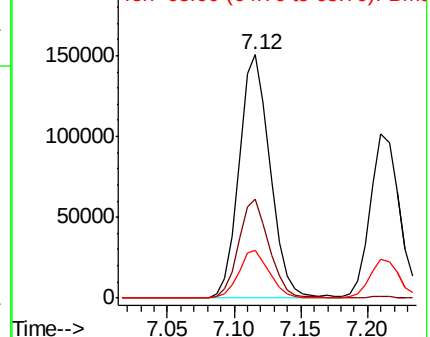
65 19.5 15.9 23.9

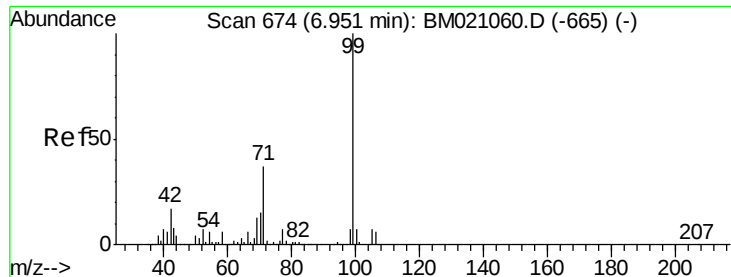


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 18.729 ng

RT: 6.95 min Scan# 673

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

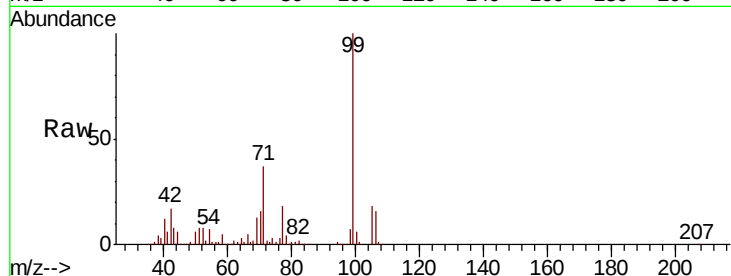
Tot Ion: 99 Resp: 363695

Ion Ratio Lower Upper

99 100

42 17.3 13.5 20.3

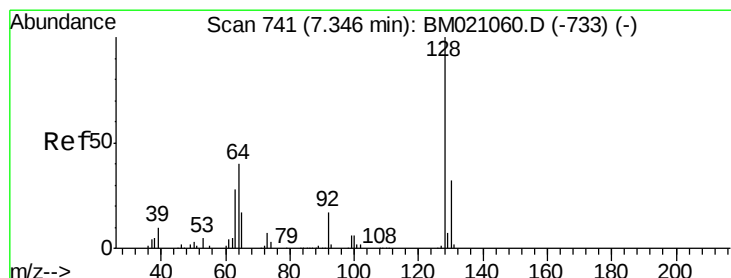
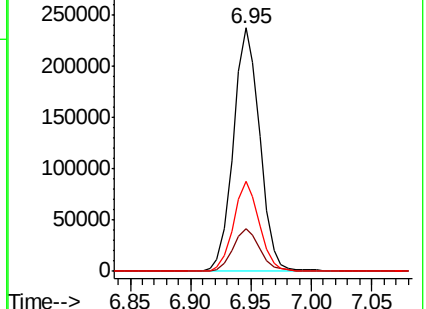
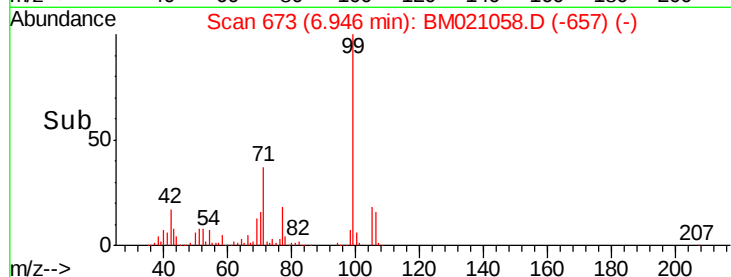
71 36.7 29.3 43.9



Abundance Ion 99.00 (98.70 to 99.70): BM021060.D (-665) (-)

Ion 42.00 (41.70 to 42.70): BM021060.D (-665) (-)

Ion 71.00 (70.70 to 71.70): BM021060.D (-665) (-)



#8

2-Chlorophenol

Concen: 9.469 ng

RT: 7.35 min Scan# 741

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

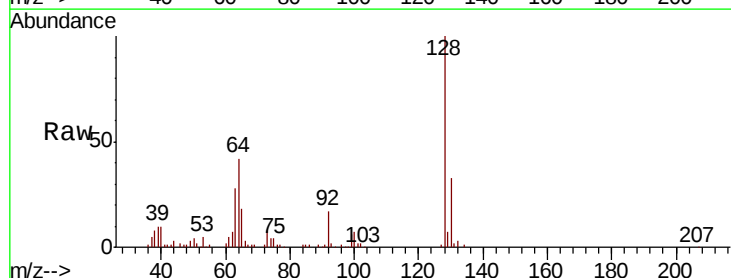
Tgt Ion: 128 Resp: 155349

Ion Ratio Lower Upper

128 100

130 32.6 12.2 52.2

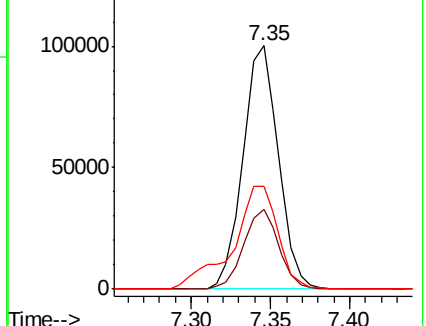
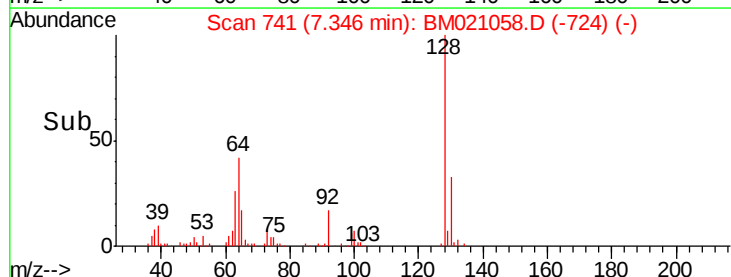
64 42.1 23.2 63.2

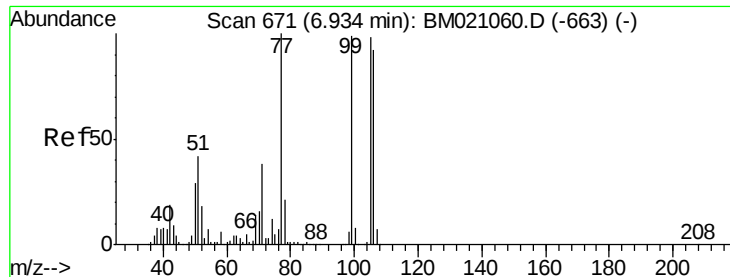


Abundance Ion 128.00 (127.70 to 128.70): BM021060.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM021060.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM021060.D (-733) (-)





#9

Benzaldehyde

Concen: 11.822 ng

RT: 6.93 min Scan# 671

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampled :

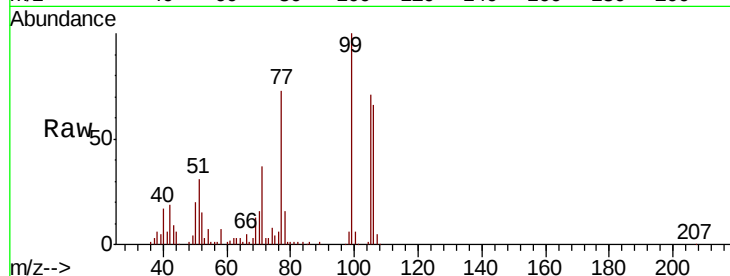
Tot Ion: 77 Resp: 129965

Ion Ratio Lower Upper

77 100

105 98.1 77.8 117.8

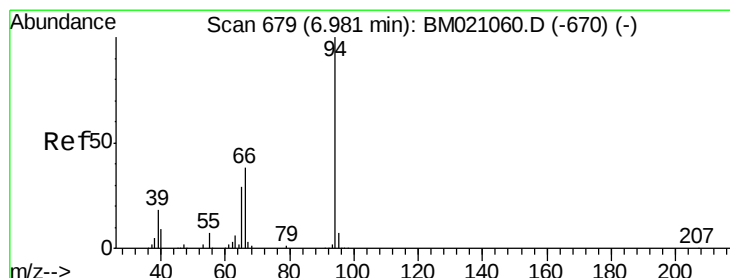
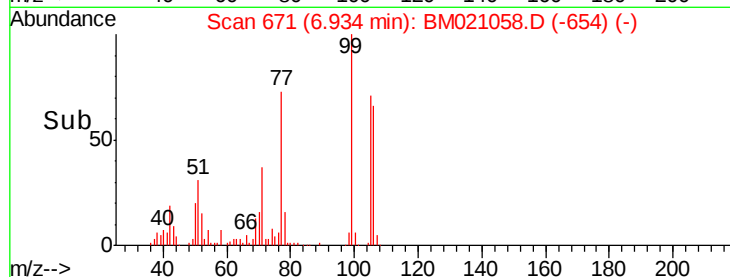
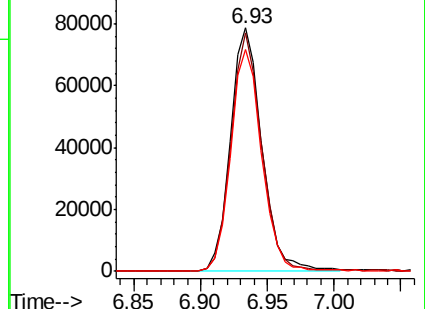
106 91.2 71.8 111.8



Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM021060.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM021060.D (-663) (-)



#10

Phenol

Concen: 8.904 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

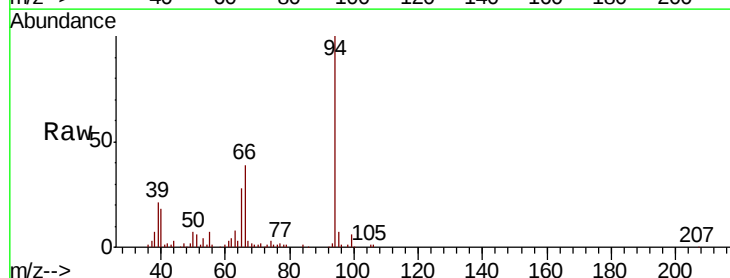
Tgt Ion: 94 Resp: 186337

Ion Ratio Lower Upper

94 100

65 27.7 8.7 48.7

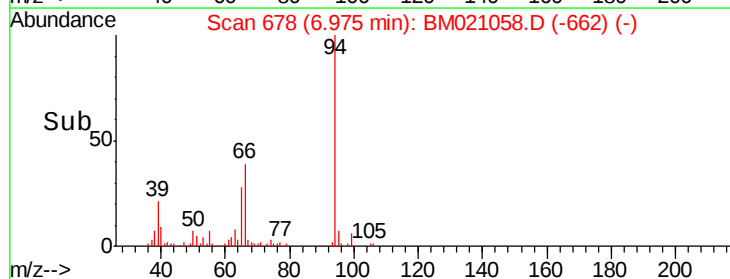
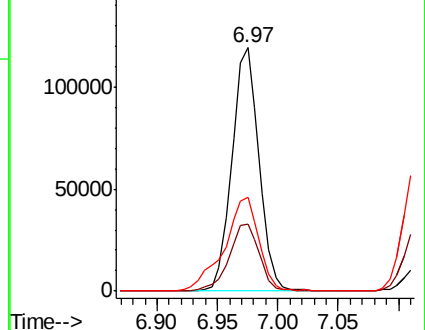
66 38.6 19.0 59.0

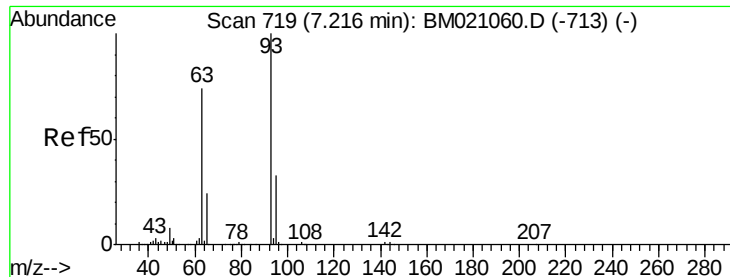


Abundance Ion 94.00 (93.70 to 94.70): BM021060.D (-670) (-)

Ion 65.00 (64.70 to 65.70): BM021060.D (-670) (-)

Ion 66.00 (65.70 to 66.70): BM021060.D (-670) (-)

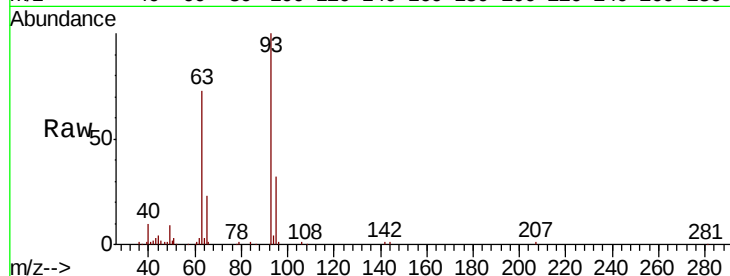




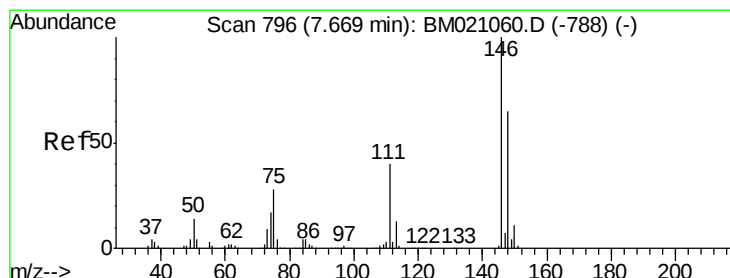
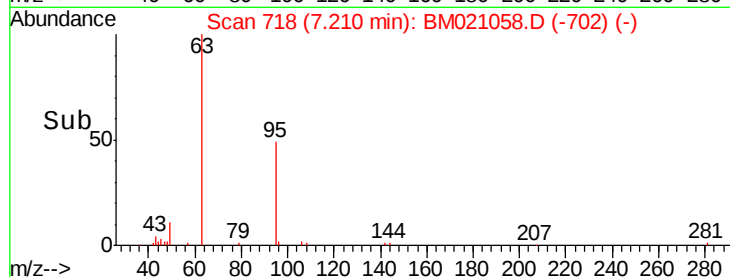
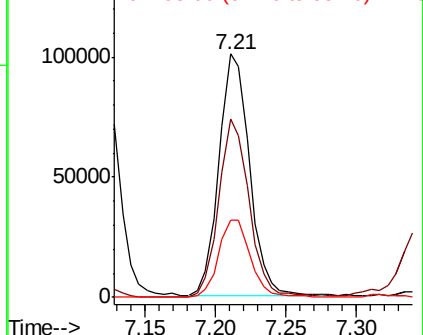
#11  
bis(2-Chloroethyl)ether  
Concen: 9.108 ng  
RT: 7.21 min Scan# 718  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 73.3  | 53.4  | 93.4  |
| 95      | 31.7  | 13.0  | 53.0  |

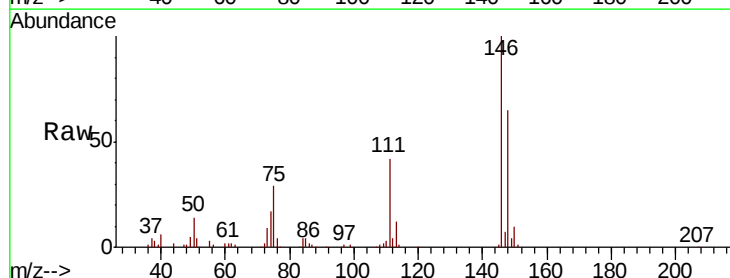


Abundance Ion 93.00 (92.70 to 93.70): BM021060.D (-713) (-)  
Ion 63.00 (62.70 to 63.70): BM021060.D (-713) (-)  
Ion 95.00 (94.70 to 95.70): BM021060.D (-713) (-)

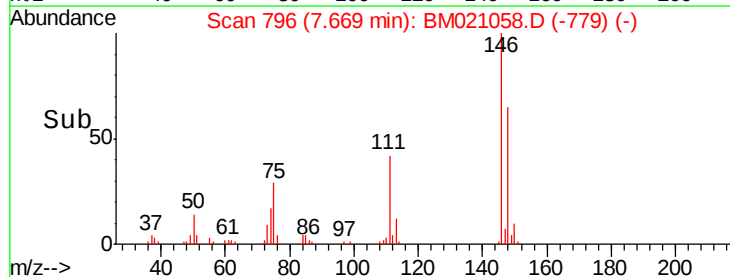
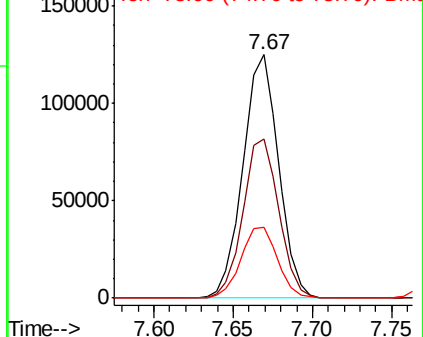


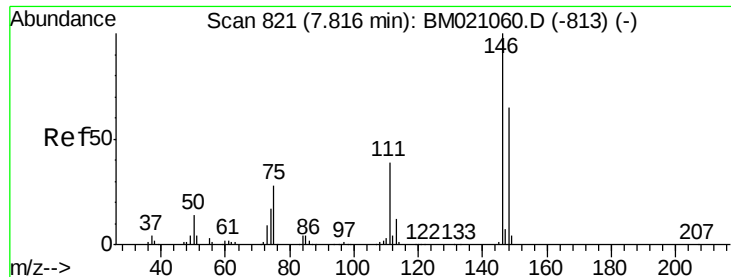
#12  
1,3-Dichlorobenzene  
Concen: 10.353 ng  
RT: 7.67 min Scan# 796  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 52.2  | 78.2  |
| 75      | 29.3  | 22.2  | 33.4  |



Abundance Ion 146.00 (145.70 to 146.70): BM021060.D (-788) (-)  
Ion 148.00 (147.70 to 148.70): BM021060.D (-788) (-)  
Ion 75.00 (74.70 to 75.70): BM021060.D (-788) (-)

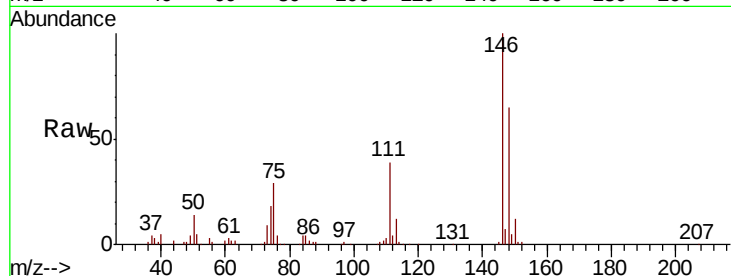




#13  
 1,4-Dichlorobenzene  
 Concen: 10.422 ng  
 RT: 7.82 min Scan# 821  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.9  | 77.9  |
| 111     | 38.5  | 31.4  | 47.0  |

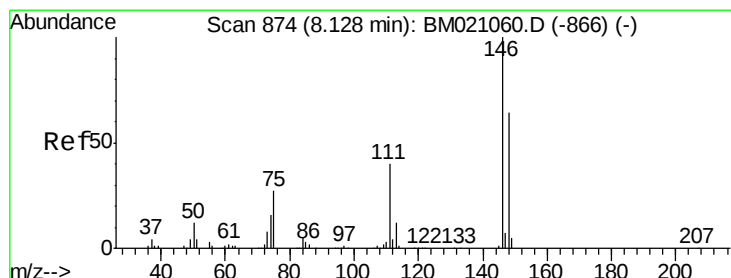
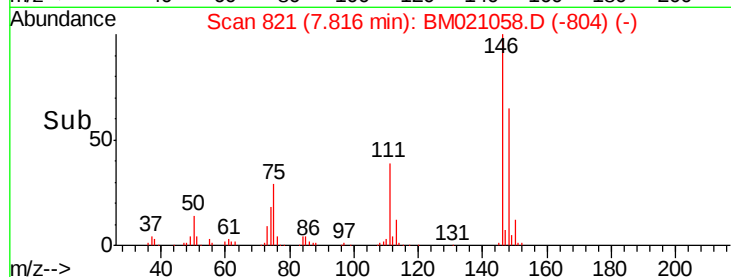
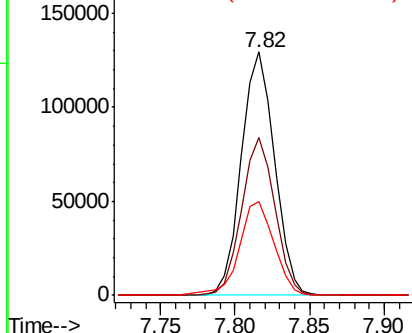


Abundance

Ion 146.00 (145.70 to 146.70): E

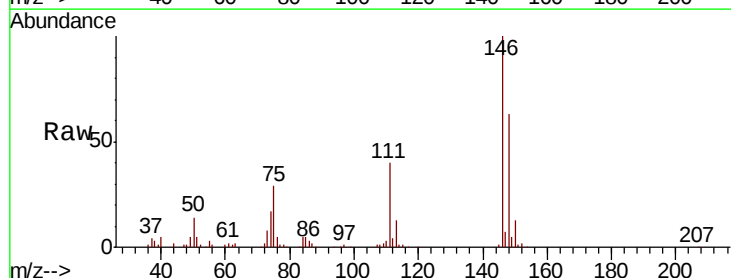
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 10.537 ng  
 RT: 8.13 min Scan# 874  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 51.2  | 76.8  |
| 111     | 40.1  | 32.8  | 49.2  |

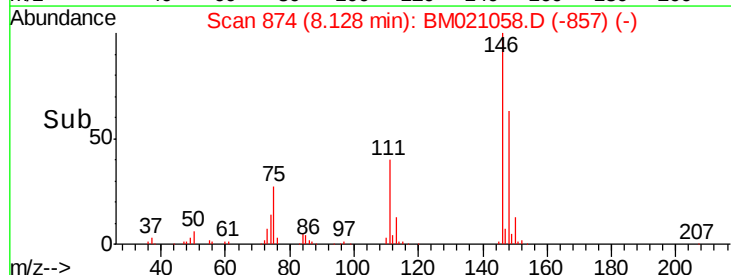
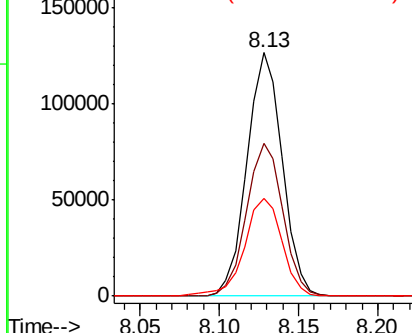


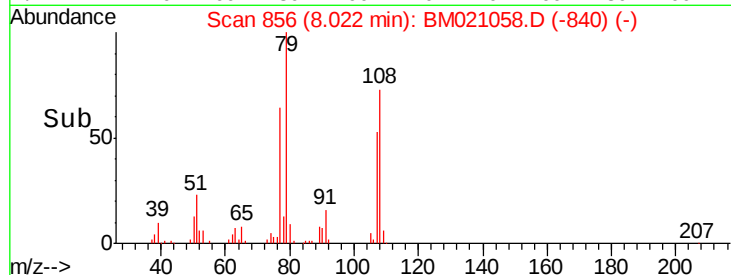
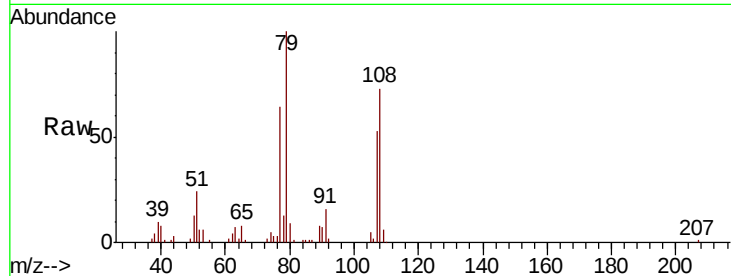
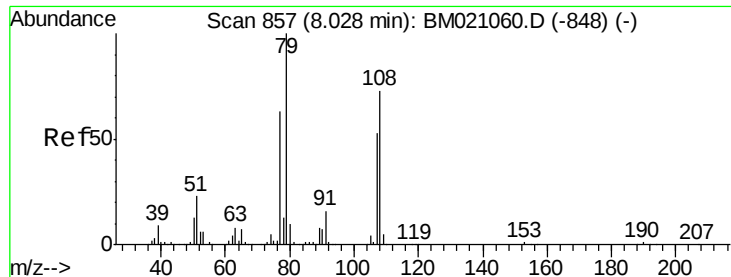
Abundance

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

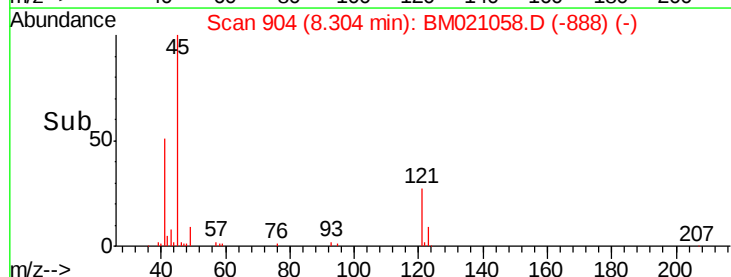
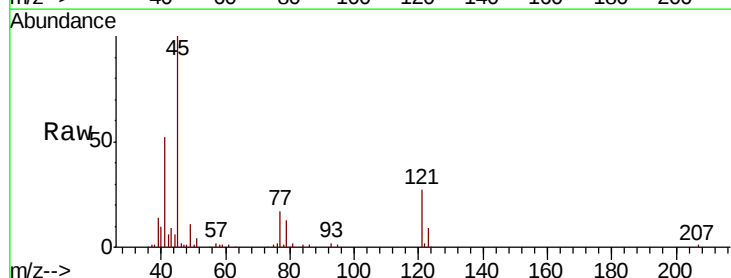
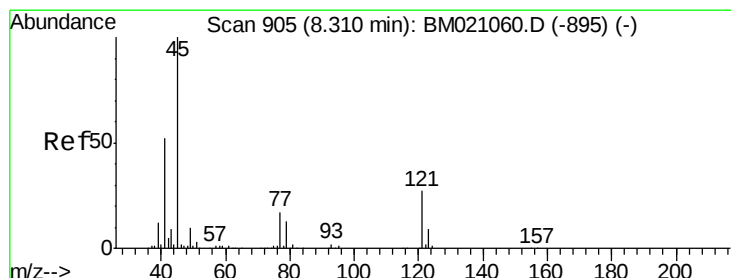
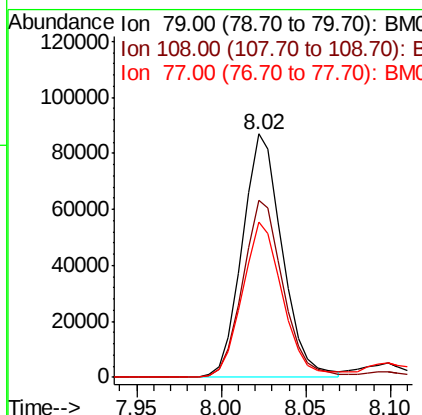




#15  
Benzyl Alcohol  
Concen: 8.356 ng  
RT: 8.02 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

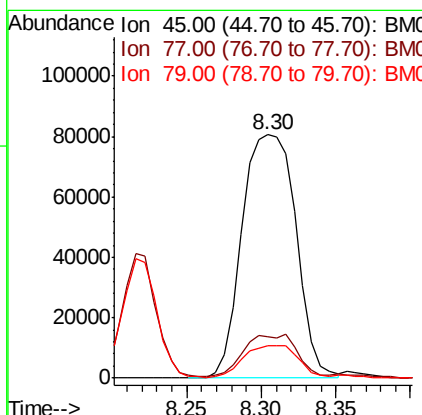
Instrument :  
BNA\_M  
ClientSampled :

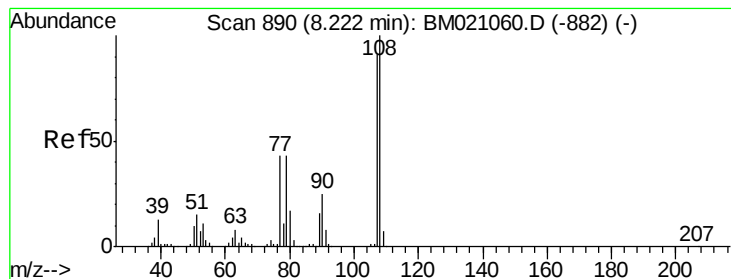
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 72.7  | 58.4  | 87.6  |
| 77      | 64.0  | 50.1  | 75.1  |



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 7.840 ng  
RT: 8.30 min Scan# 904  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.1  | 0.0   | 37.5  |
| 79      | 13.1  | 0.0   | 33.5  |





#17

2-Methylphenol

Concen: 9.007 ng

RT: 8.22 min Scan# 889

Delta R.T. -0.01 min

Lab File: BM021058.D

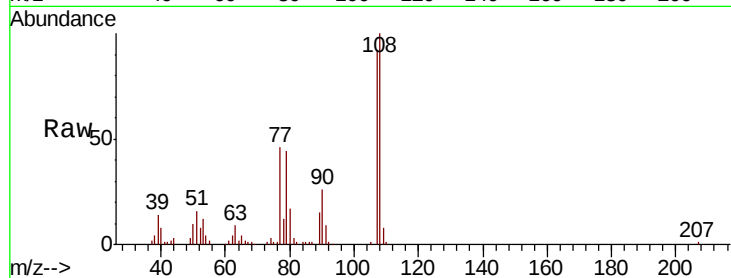
Acq: 20 Jun 2019 10:12

Instrument :

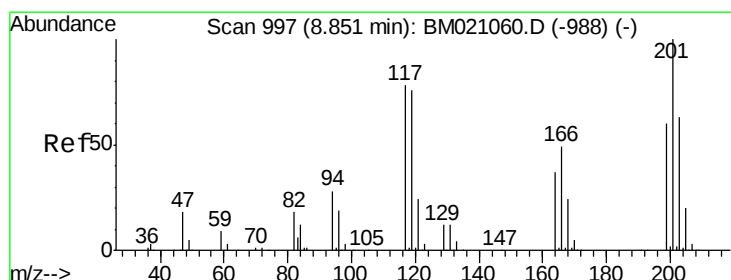
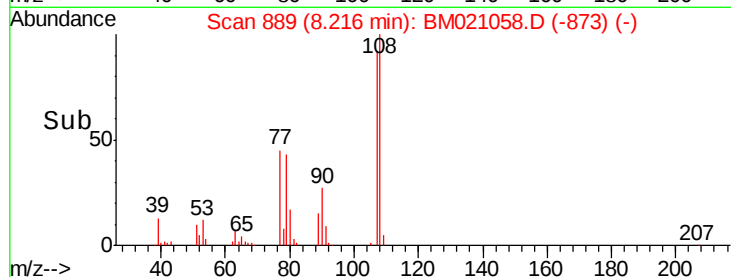
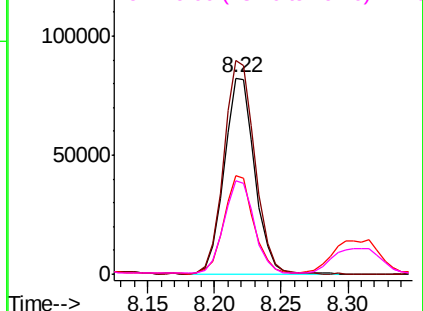
BNA\_M

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 132552 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.1 | 87.5  | 131.3  |
| 77       | 50.3  | 37.8  | 56.8   |
| 79       | 48.0  | 37.5  | 56.3   |



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: 9.621 ng

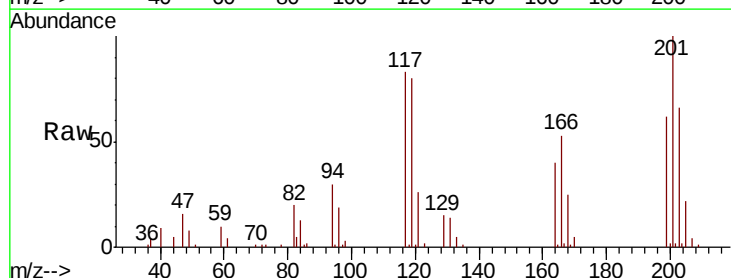
RT: 8.85 min Scan# 997

Delta R.T. -0.00 min

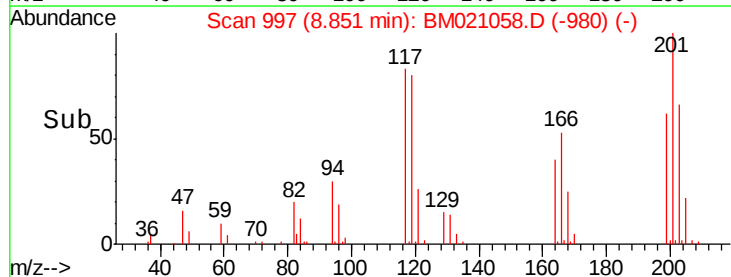
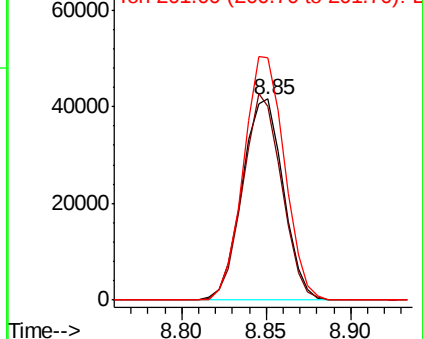
Lab File: BM021058.D

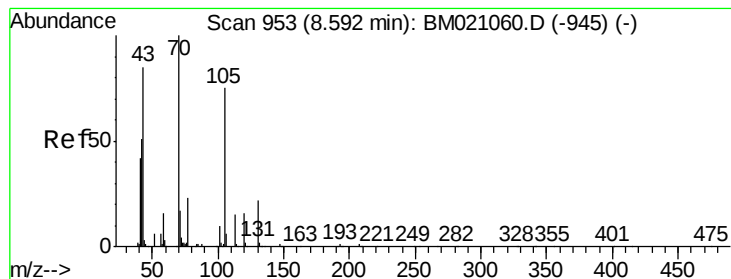
Acq: 20 Jun 2019 10:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 70613 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.2  | 77.5  | 116.3 |
| 201      | 120.2 | 102.3 | 153.5 |



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: 8.853 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampled :

Tot Ion: 70 Resp: 138190

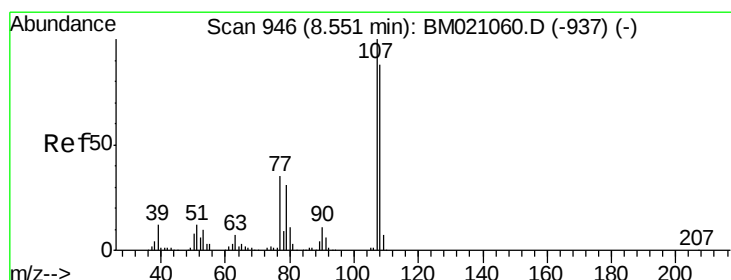
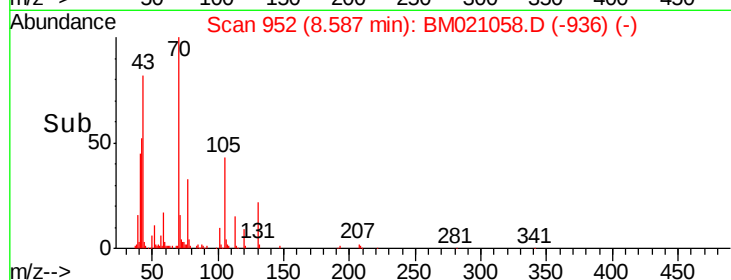
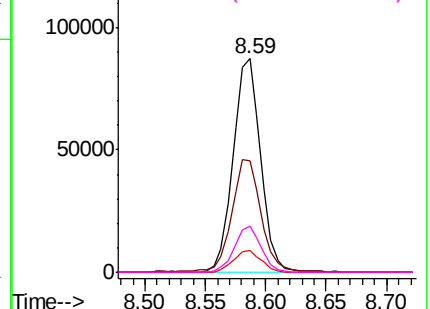
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 52.1  | 41.9  | 62.9  |
| 101 | 10.0  | 8.1   | 12.1  |
| 130 | 21.9  | 17.5  | 26.3  |

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: 9.027 ng

RT: 8.55 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Tgt Ion:107 Resp: 180740

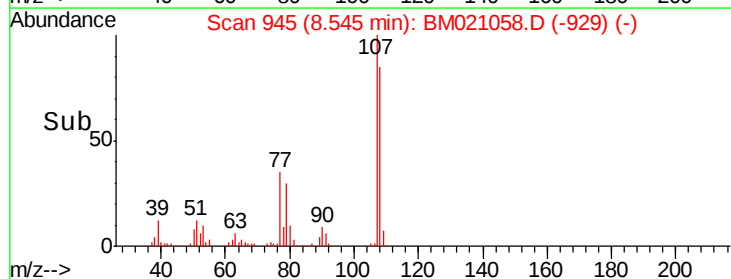
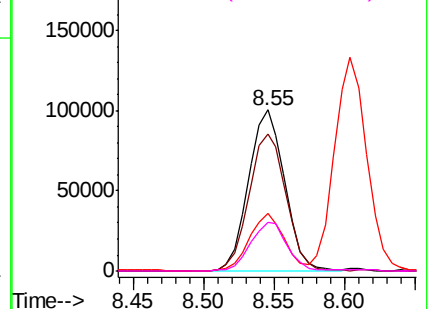
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 85.3  | 67.9  | 107.9 |
| 77  | 35.4  | 14.6  | 54.6  |
| 79  | 30.4  | 10.8  | 50.8  |

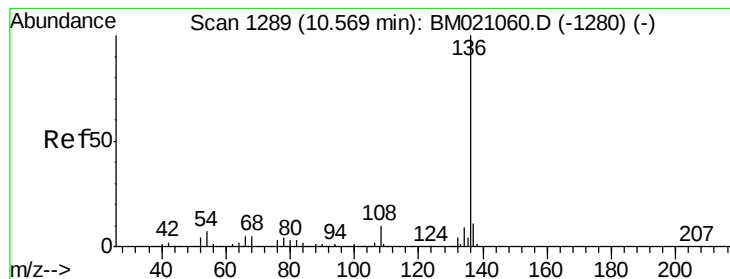
Abundance Ion 107.00 (106.70 to 107.70): E

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.57 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 1006699

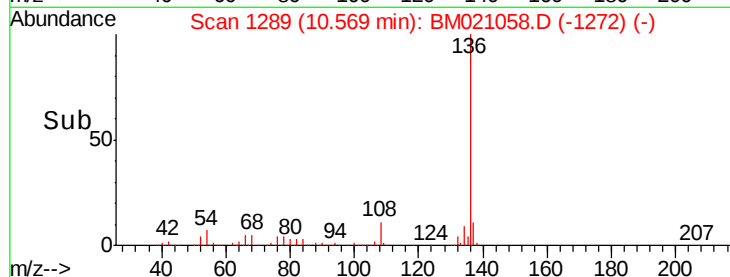
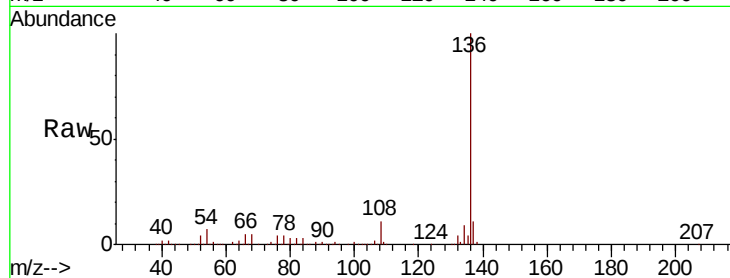
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 6.6 5.3 7.9

68 5.2 4.4 6.6

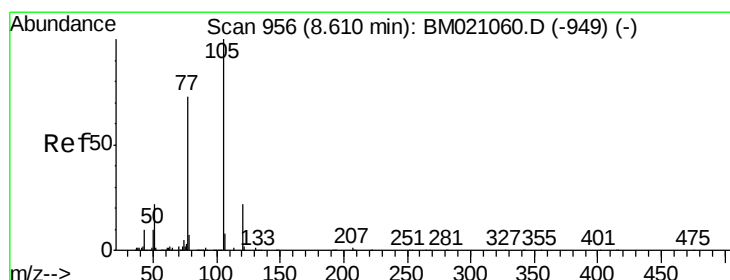
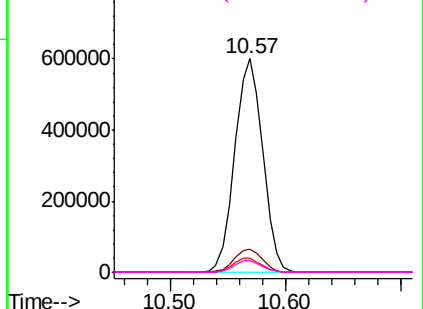


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 10.582 ng

RT: 8.60 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Tgt Ion:105 Resp: 270617

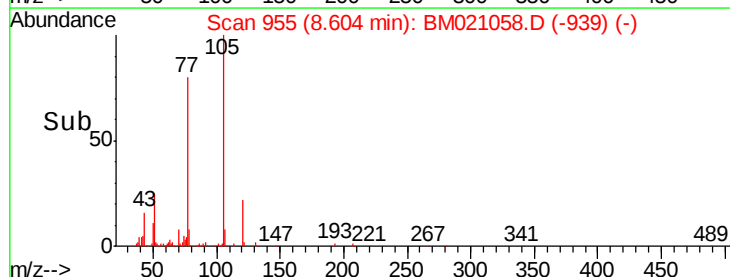
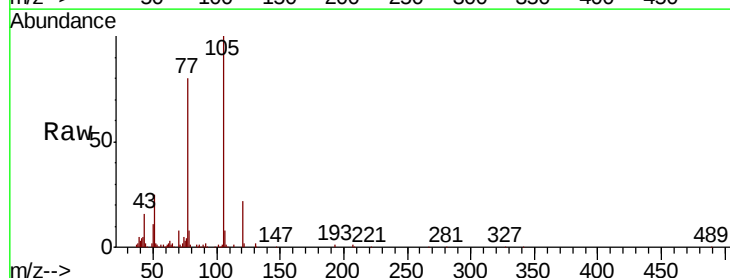
Ion Ratio Lower Upper

105 100

71 1.3 1.2 1.8

51 24.9 19.1 28.7

120 21.9 17.9 26.9

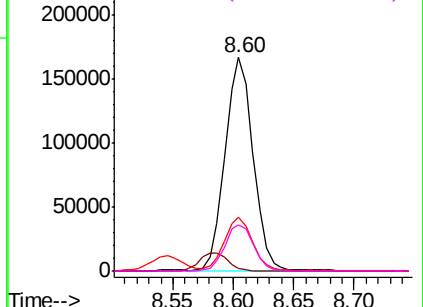


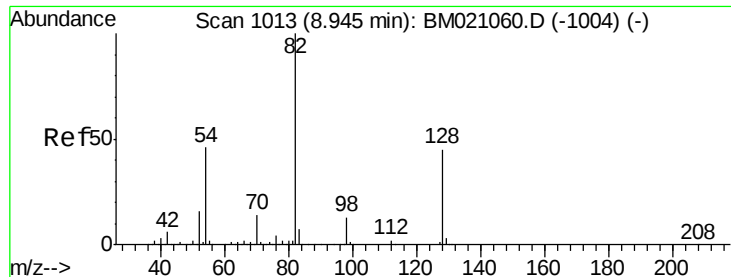
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

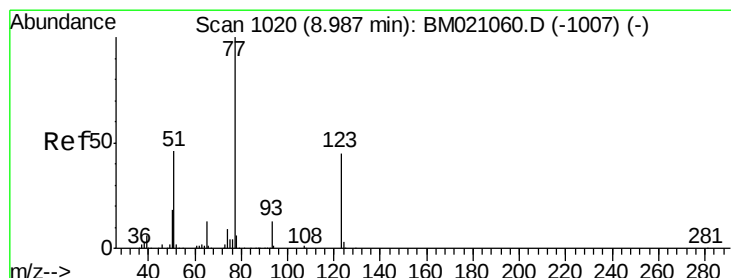
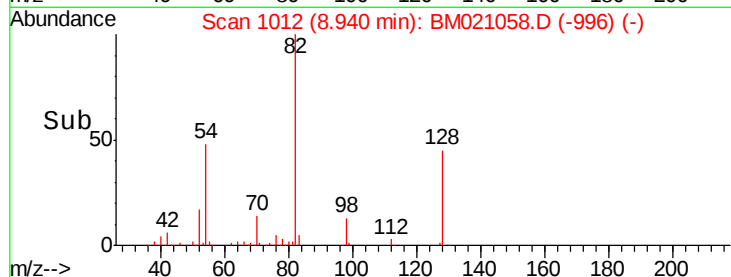
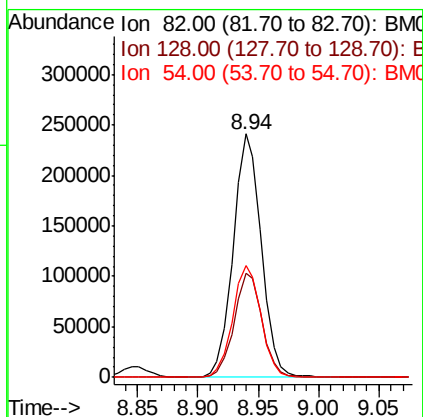
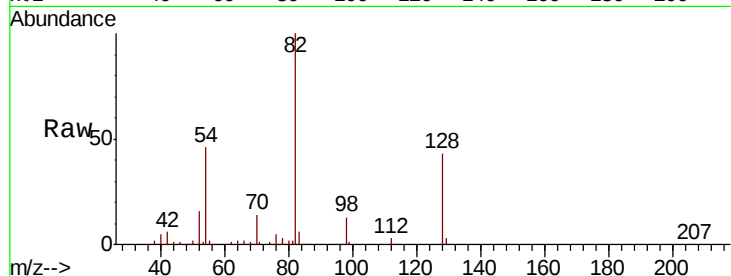




#23  
 Nitrobenzene-d5  
 Concen: 20.101 ng  
 RT: 8.94 min Scan# 1012  
 Delta R.T. -0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

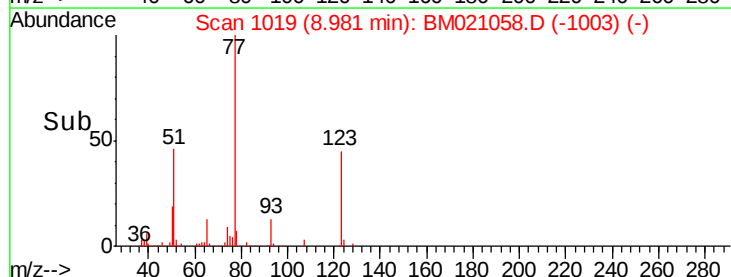
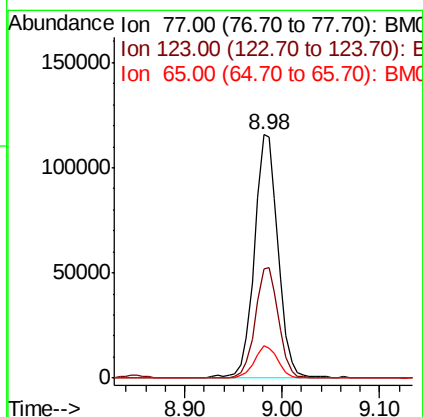
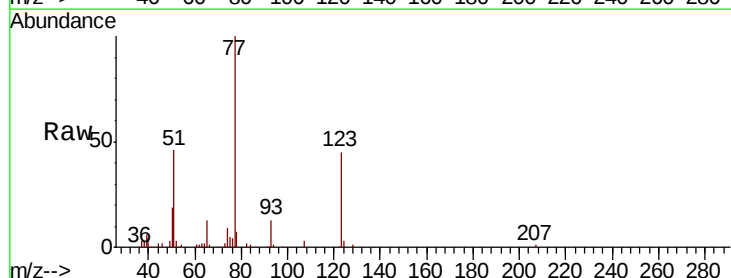
Instrument :  
 BNA\_M  
 ClientSampleId :

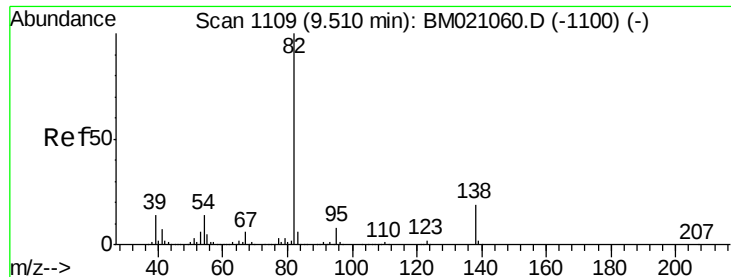
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.7  | 35.9  | 53.9  |
| 54      | 45.7  | 36.6  | 55.0  |



#24  
 Nitrobenzene  
 Concen: 9.993 ng  
 RT: 8.98 min Scan# 1019  
 Delta R.T. -0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 44.8  | 36.3  | 54.5  |
| 65      | 13.3  | 10.6  | 16.0  |





#25

Isophorone

Concen: 9.488 ng

RT: 9.50 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

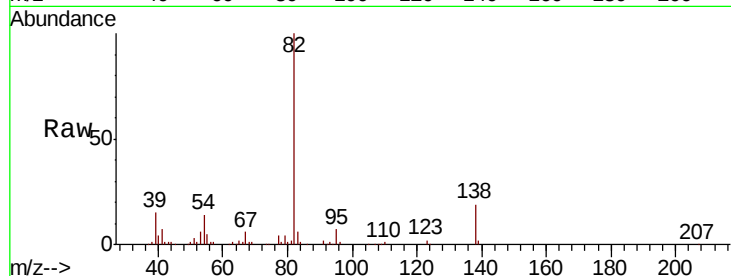
Tot Ion: 82 Resp: 366723

Ion Ratio Lower Upper

82 100

95 7.2 6.1 9.1

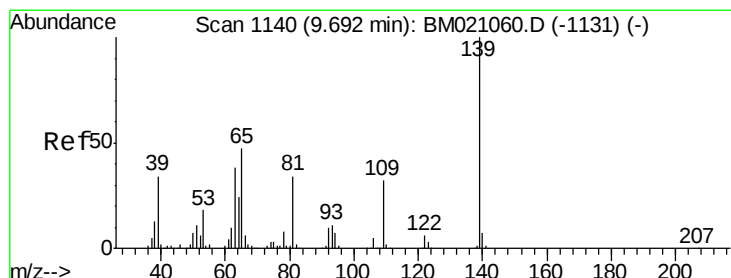
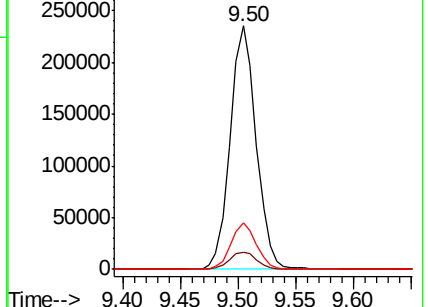
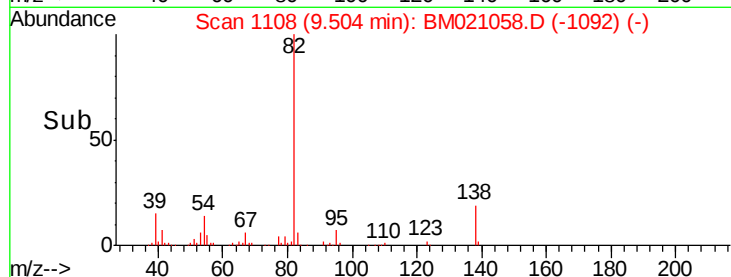
138 18.9 15.0 22.6



Abundance Ion 82.00 (81.70 to 82.70): BM021060.D (-1100) (-)

Ion 95.00 (94.70 to 95.70): BM021060.D (-1100) (-)

Ion 138.00 (137.70 to 138.70): BM021060.D (-1100) (-)



#26

2-Nitrophenol

Concen: 11.758 ng

RT: 9.69 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

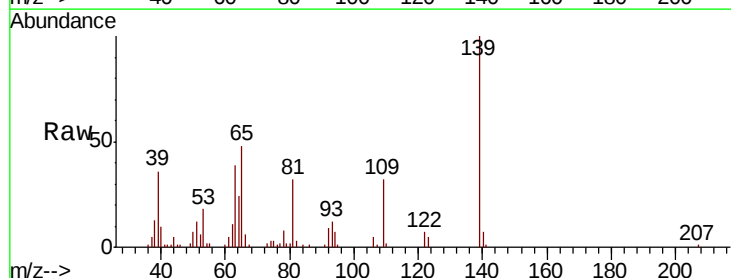
Tgt Ion: 139 Resp: 86918

Ion Ratio Lower Upper

139 100

109 31.9 25.2 37.8

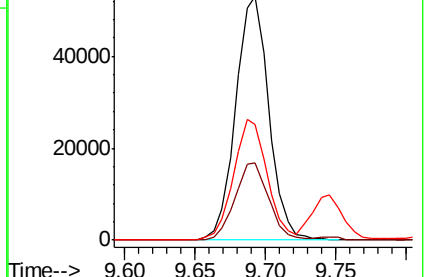
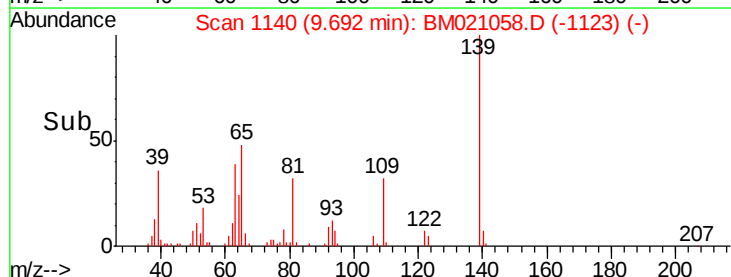
65 47.7 37.4 56.0

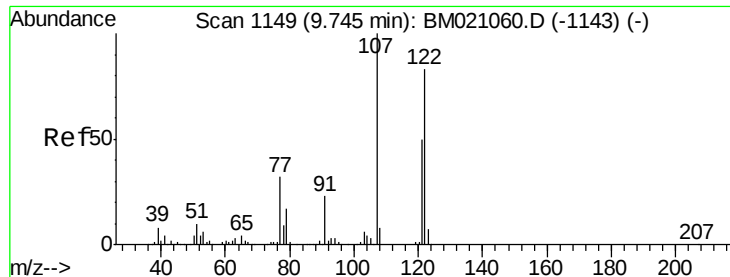


Abundance Ion 139.00 (138.70 to 139.70): BM021060.D (-1131) (-)

Ion 109.00 (108.70 to 109.70): BM021060.D (-1131) (-)

Ion 65.00 (64.70 to 65.70): BM021060.D (-1131) (-)

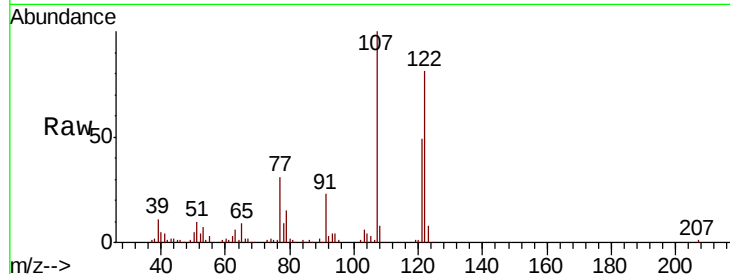




#27  
2,4-Dimethylphenol  
Concen: 9.958 ng  
RT: 9.75 min Scan# 1149  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 122.9 | 95.3  | 142.9 |
| 121     | 60.0  | 47.5  | 71.3  |

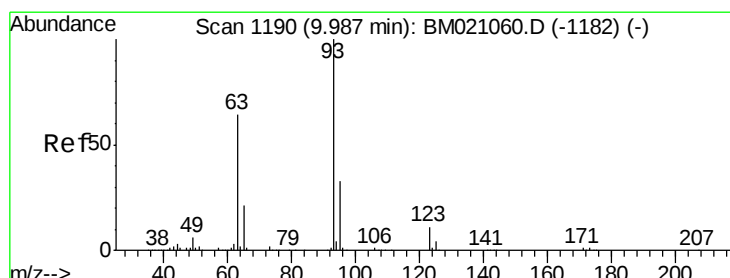
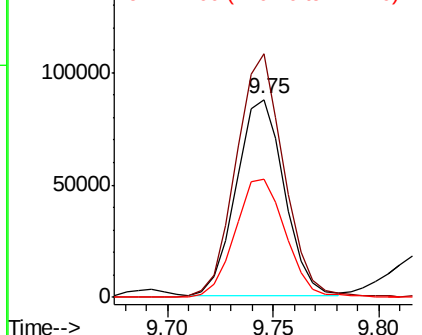
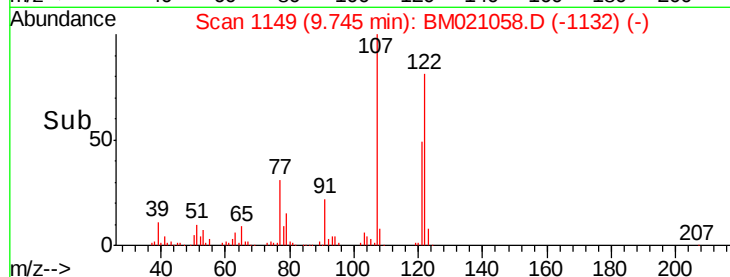


Abundance

Ion 122.00 (121.70 to 122.70): E

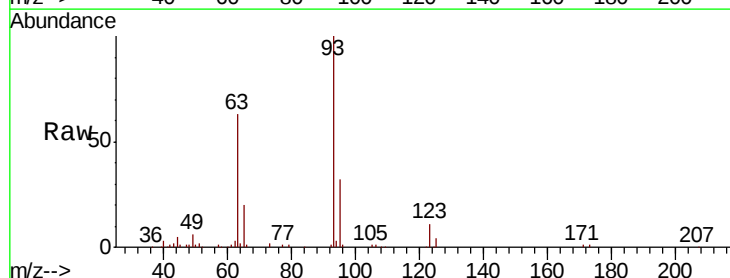
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 10.091 ng  
RT: 9.99 min Scan# 1190  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 26.2  | 39.2  |
| 123     | 11.0  | 9.0   | 13.4  |

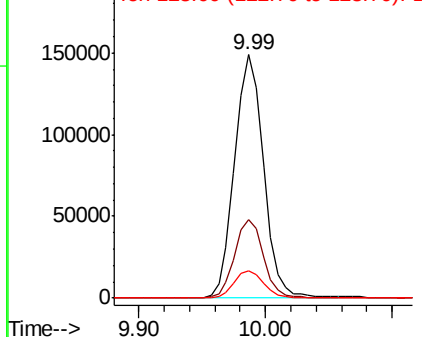
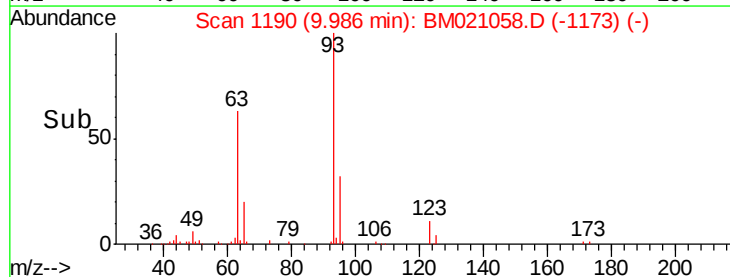


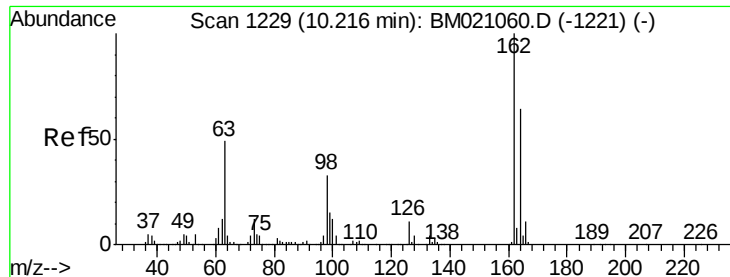
Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

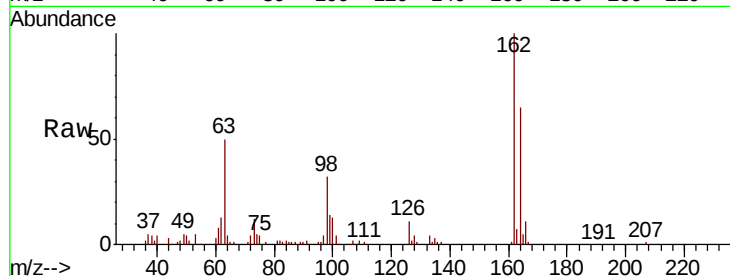




#29  
2,4-Dichlorophenol  
Concen: 11.271 ng  
RT: 10.22 min Scan# 1229  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.9  | 43.7  | 83.7  |
| 98      | 32.2  | 13.4  | 53.4  |

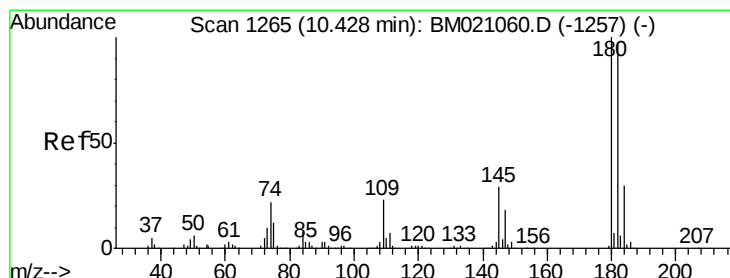
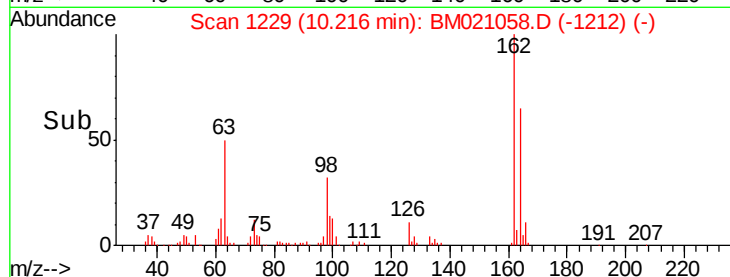
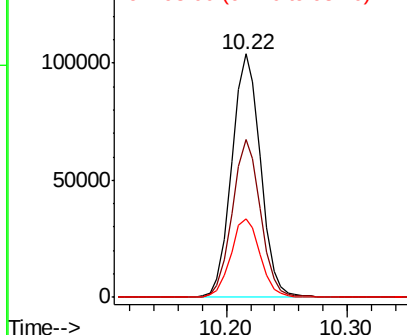


Abundance

Ion 162.00 (161.70 to 162.70): E

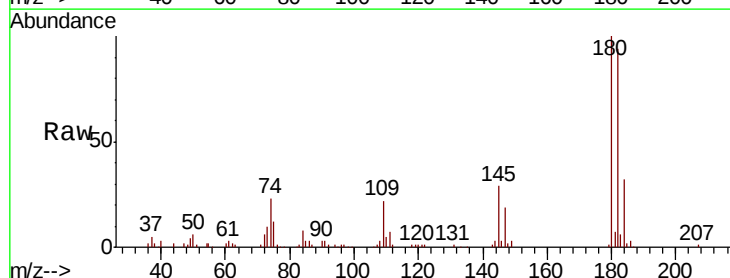
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30  
1,2,4-Trichlorobenzene  
Concen: 12.083 ng  
RT: 10.43 min Scan# 1265  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 78.0  | 117.0 |
| 145     | 28.8  | 23.4  | 35.0  |

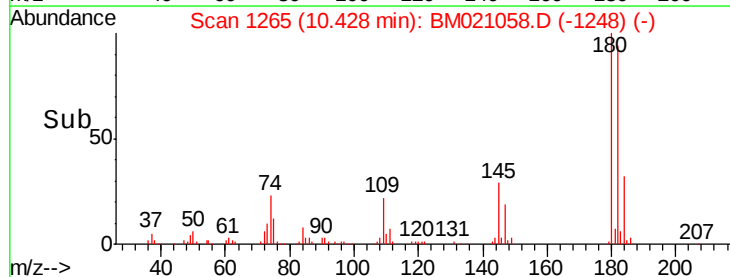
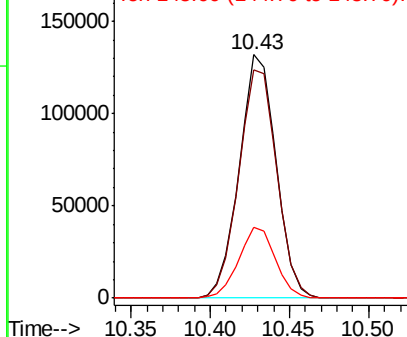


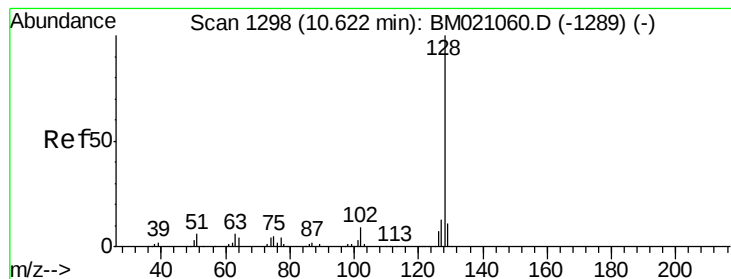
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

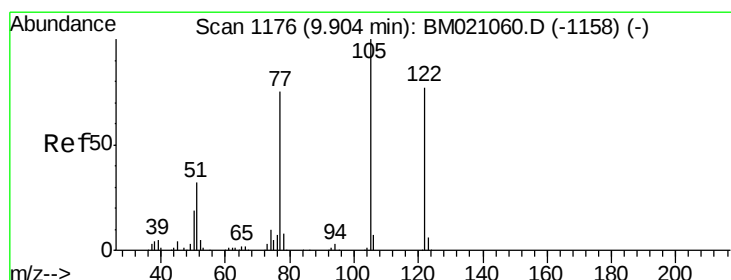
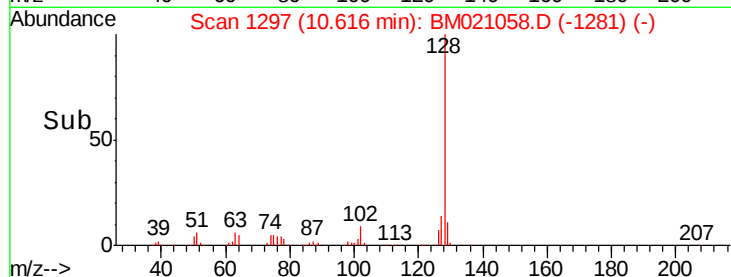
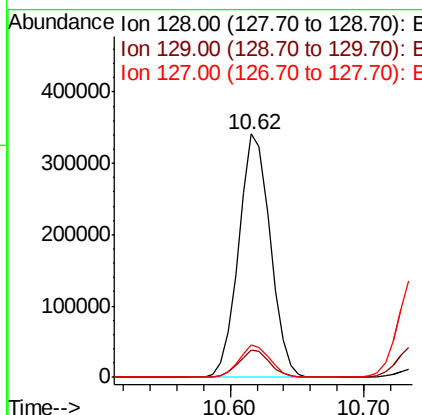
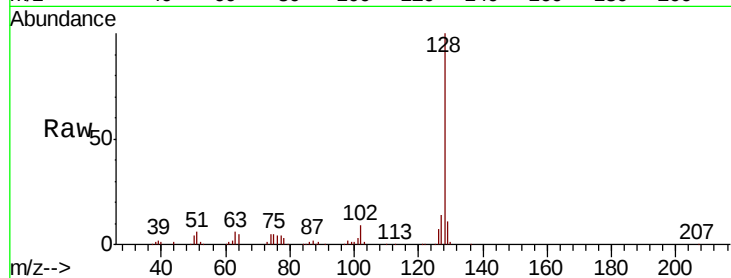




#31  
Naphthalene  
Concen: 10.752 ng  
RT: 10.62 min Scan# 1297  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

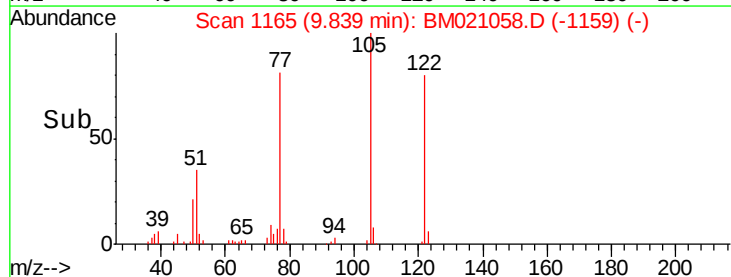
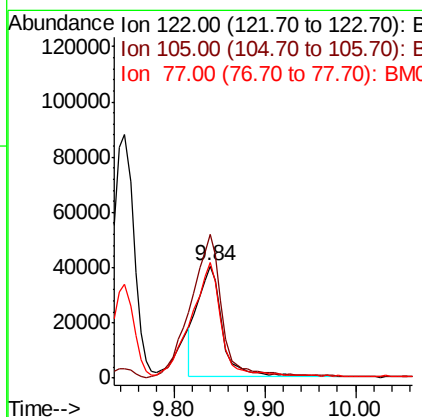
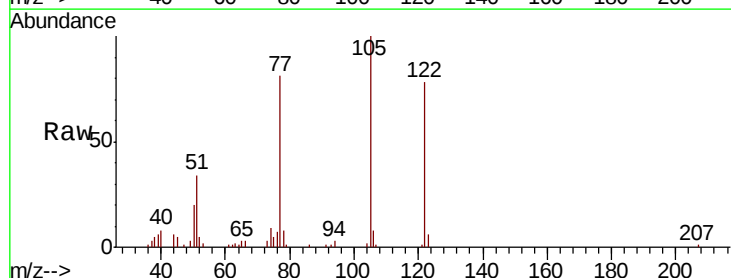
Instrument :  
BNA\_M  
ClientSampleId :

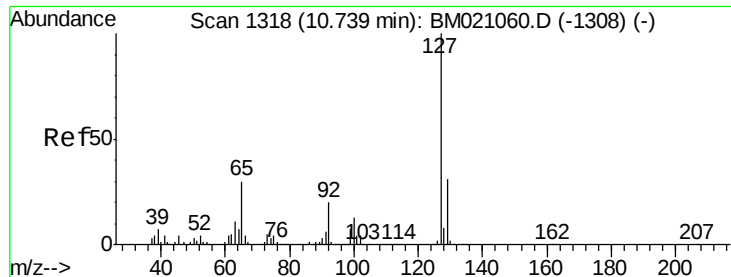
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.4  | 8.6   | 13.0  |
| 127     | 13.5  | 10.8  | 16.2  |



#32  
Benzoic acid  
Concen: 9.891 ng  
RT: 9.84 min Scan# 1165  
Delta R.T. -0.06 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 127.4 | 108.9 | 148.9 |
| 77      | 103.1 | 76.7  | 116.7 |

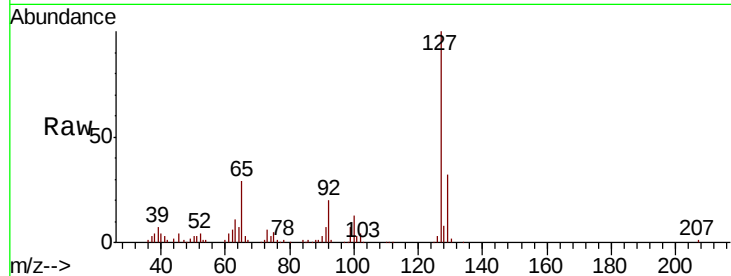




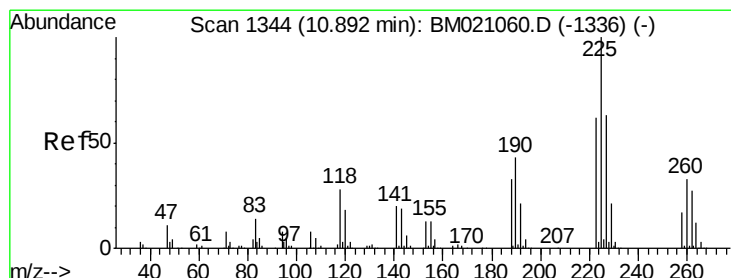
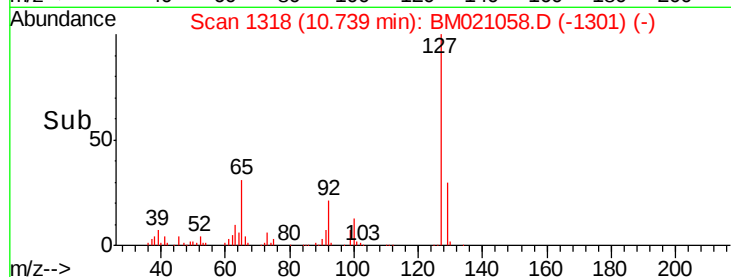
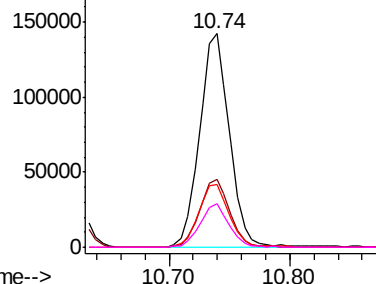
#33  
4-Chloroaniline  
Concen: 10.146 ng  
RT: 10.74 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 244449 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.9  | 25.1  | 37.7   |
| 65       | 29.2  | 23.8  | 35.8   |
| 92       | 20.1  | 15.7  | 23.5   |

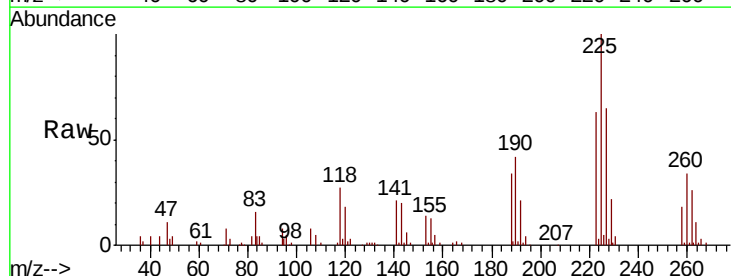


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

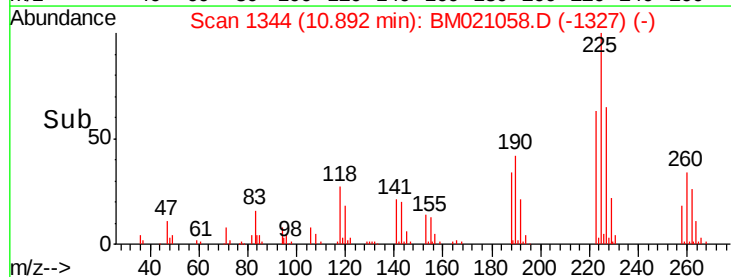
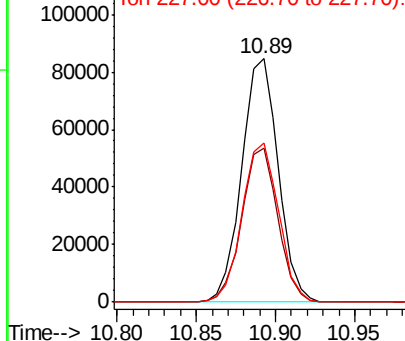


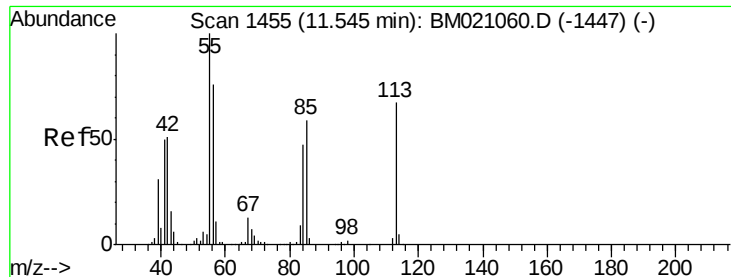
#34  
Hexachlorobutadiene  
Concen: 12.778 ng  
RT: 10.89 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 135114 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 49.6  | 74.4   |
| 227      | 65.2  | 50.4  | 75.6   |



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

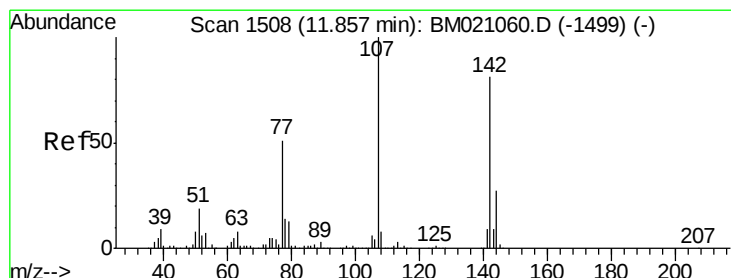
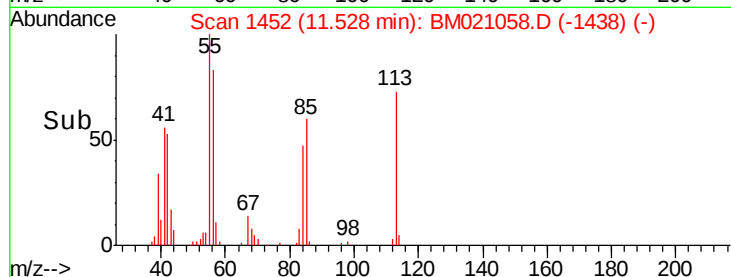
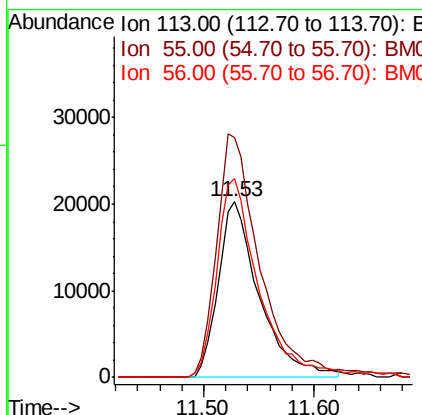
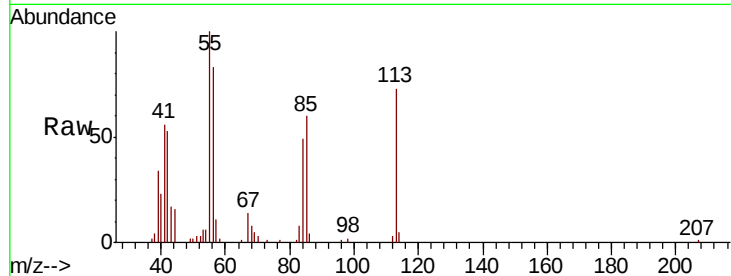




#35  
 Caprolactam  
 Concen: 9.877 ng  
 RT: 11.53 min Scan# 1452  
 Delta R.T. -0.02 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

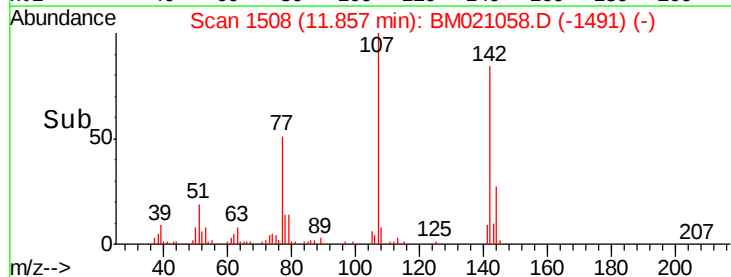
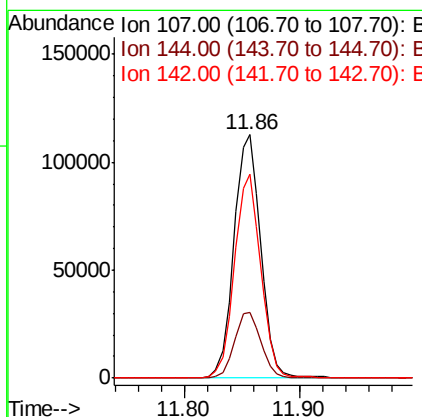
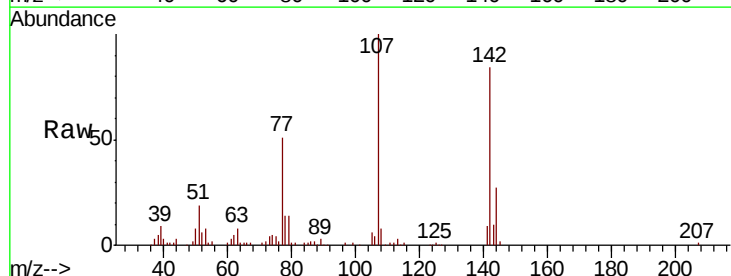
Instrument :  
 BNA\_M  
 ClientSampleId :

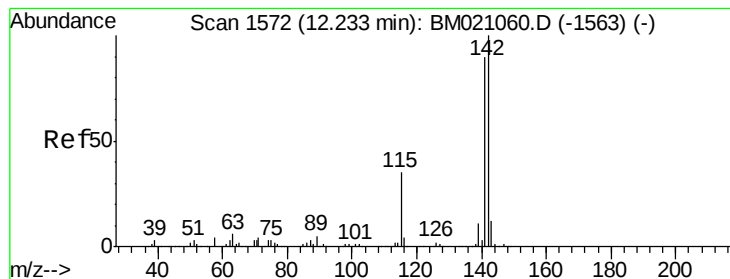
Tot Ion:113 Resp: 52587  
 Ion Ratio Lower Upper  
 113 100  
 55 136.9 129.8 169.8  
 56 113.7 94.3 134.3



#36  
 4-Chloro-3-methylphenol  
 Concen: 10.147 ng  
 RT: 11.86 min Scan# 1508  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

Tgt Ion:107 Resp: 180805  
 Ion Ratio Lower Upper  
 107 100  
 144 27.1 21.3 31.9  
 142 83.9 64.9 97.3





#37

2-Methylnaphthalene

Concen: 11.090 ng

RT: 12.23 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

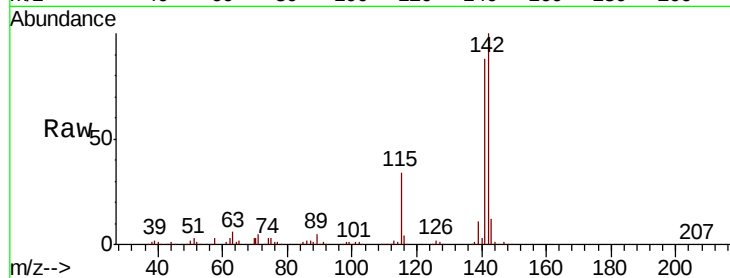
Tot Ion:142 Resp: 425530

Ion Ratio Lower Upper

142 100

141 88.1 72.2 108.2

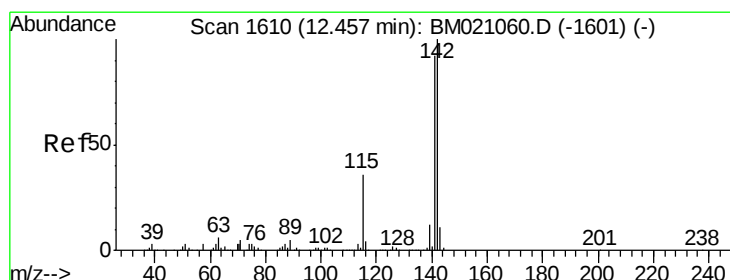
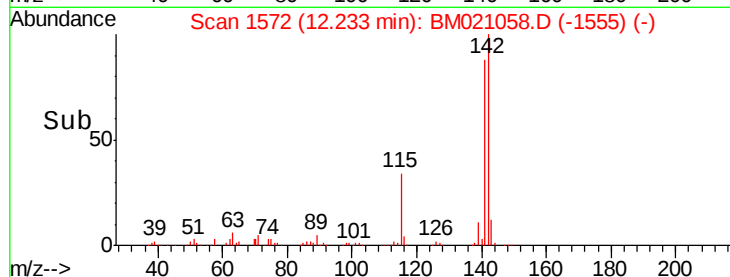
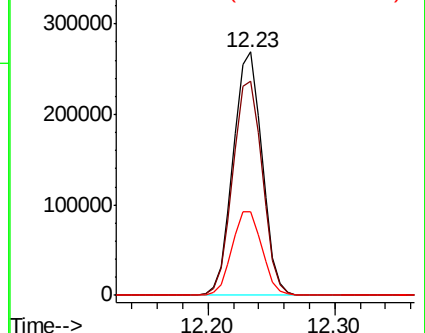
115 34.1 27.9 41.9



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: 11.205 ng

RT: 12.45 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

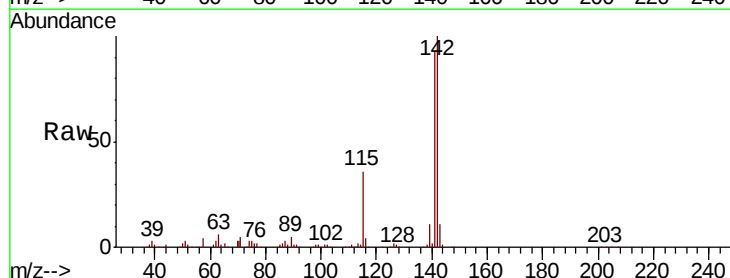
Tgt Ion:142 Resp: 409380

Ion Ratio Lower Upper

142 100

141 92.8 73.9 110.9

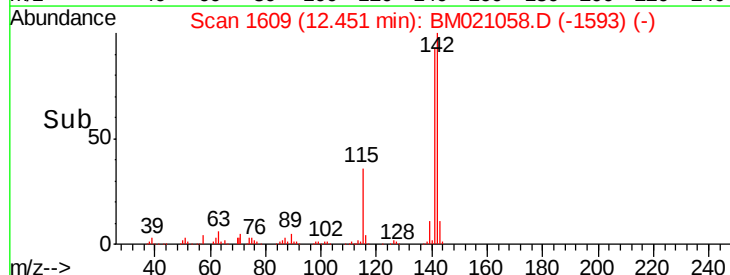
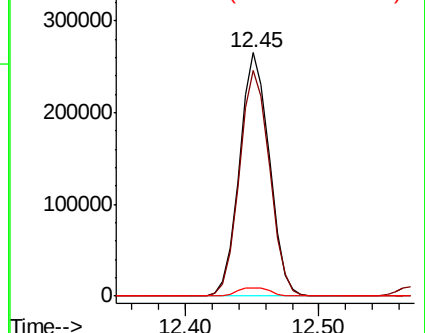
116 3.6 3.0 4.6

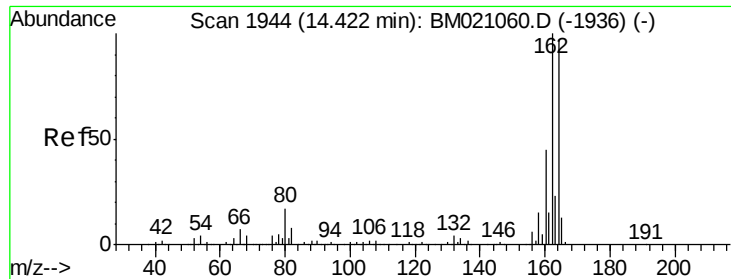


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.42 min Scan# 1944

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

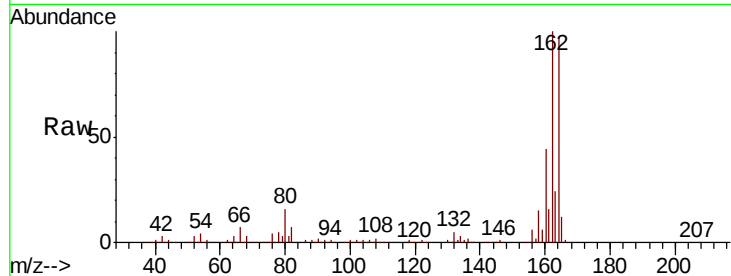
Tot Ion:164 Resp: 686867

Ion Ratio Lower Upper

164 100

162 103.1 82.1 123.1

160 45.6 37.1 55.7

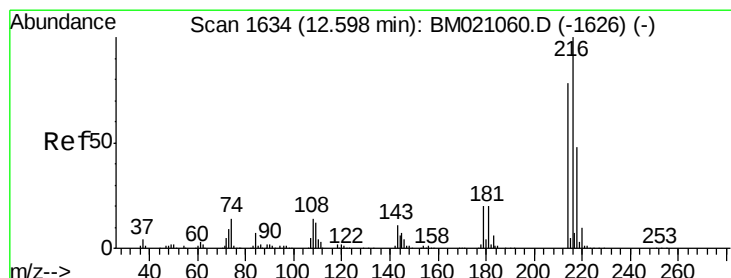
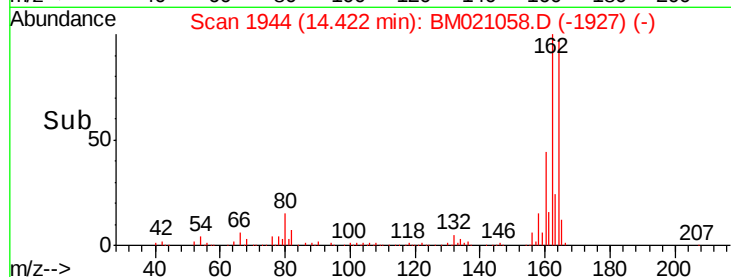
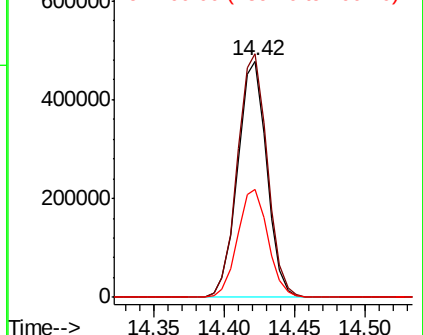


Abundance

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: 11.461 ng

RT: 12.60 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Tgt Ion:216 Resp: 257981

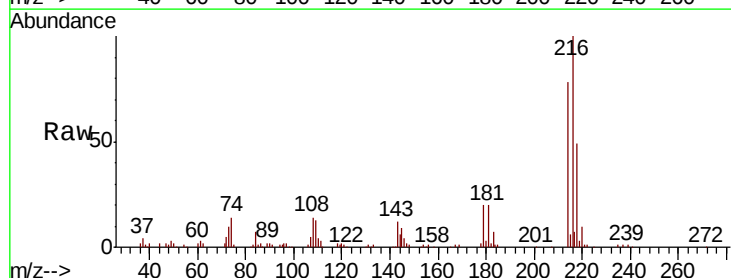
Ion Ratio Lower Upper

216 100

214 78.4 63.0 94.6

179 20.3 16.4 24.6

108 15.5 12.5 18.7



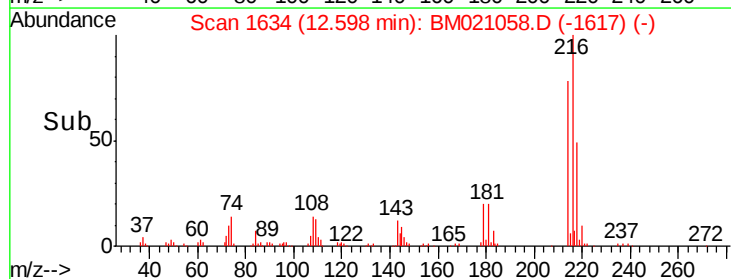
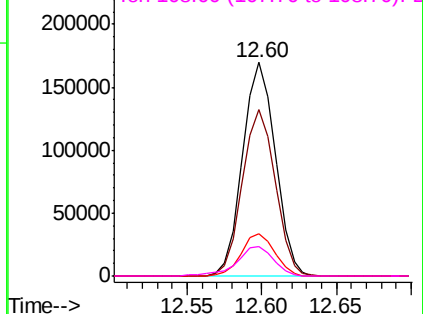
Abundance

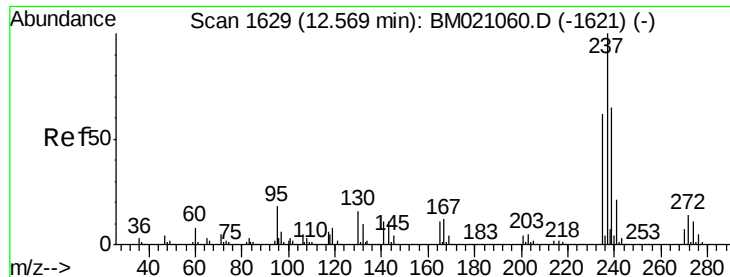
Ion 216.00 (215.70 to 216.70): E

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: 10.116 ng

RT: 12.57 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

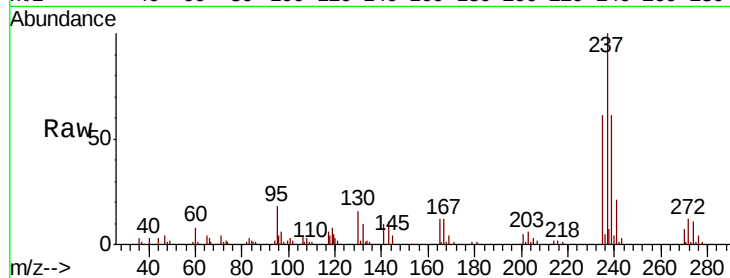
Tot Ion:237 Resp: 136189

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 60.9  | 41.7  | 81.7  |
| 272 | 12.0  | 0.0   | 34.1  |

237 100

235 60.9 41.7 81.7

272 12.0 0.0 34.1

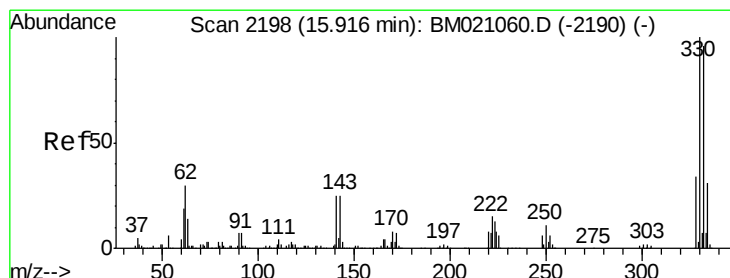
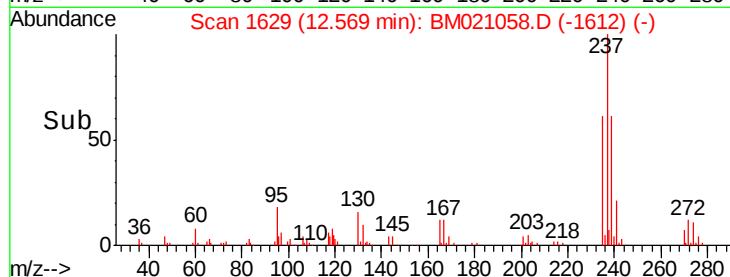
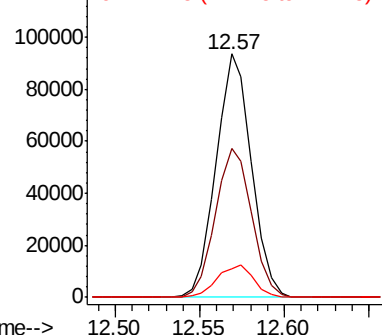


Abundance

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: 29.356 ng

RT: 15.91 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

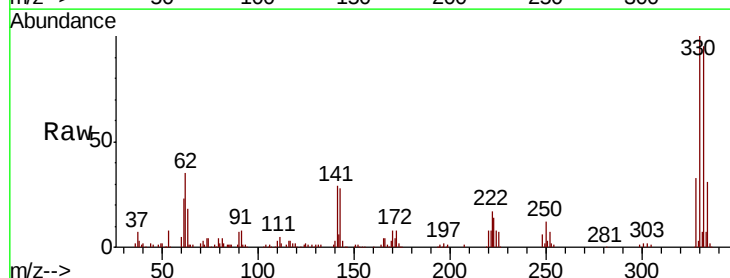
Tgt Ion:330 Resp: 249822

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 97.7  | 77.1  | 115.7 |
| 141 | 28.5  | 21.8  | 32.8  |

330 100

332 97.7 77.1 115.7

141 28.5 21.8 32.8

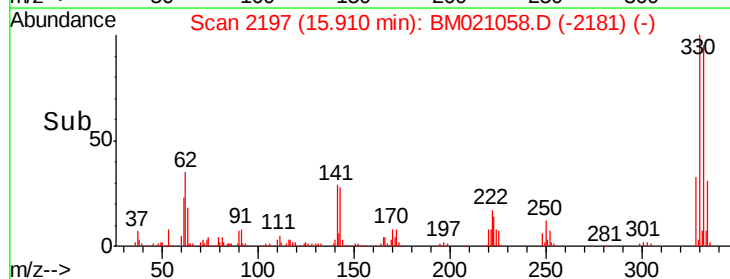
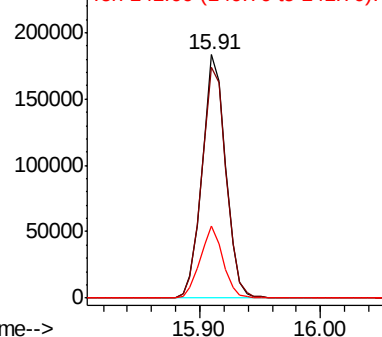


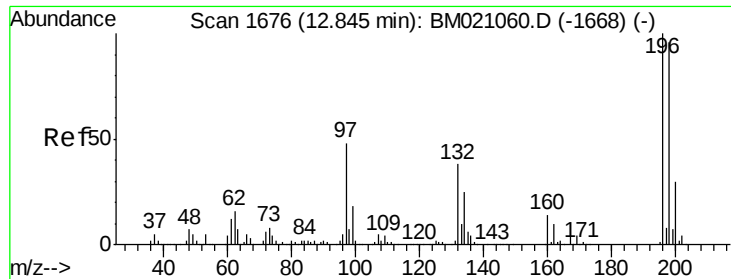
Abundance

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

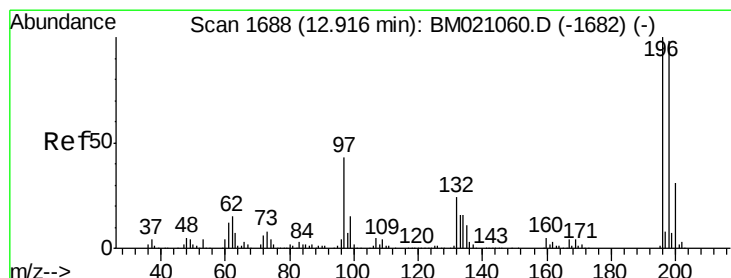
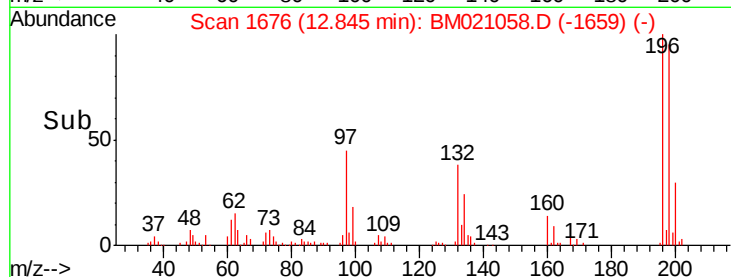
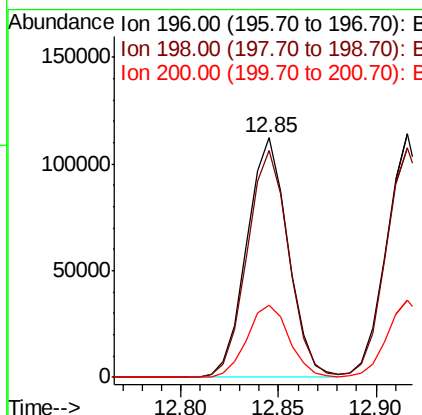
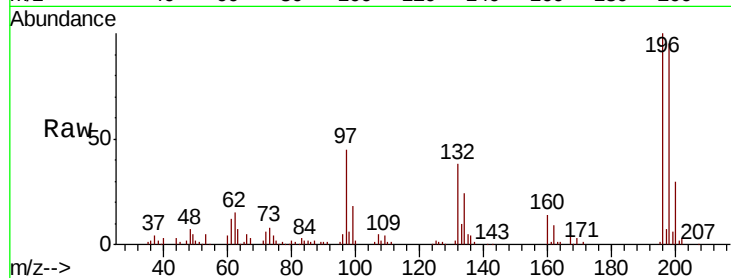




#43  
 2,4,6-Trichlorophenol  
 Concen: 11.382 ng  
 RT: 12.85 min Scan# 1676  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

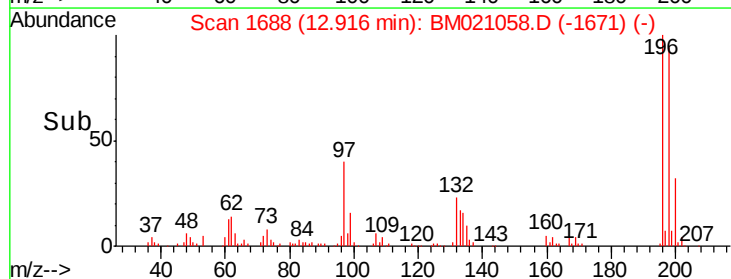
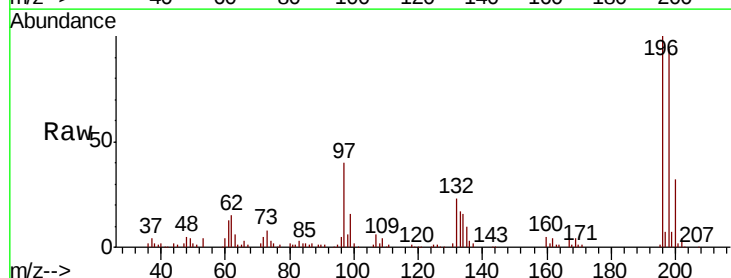
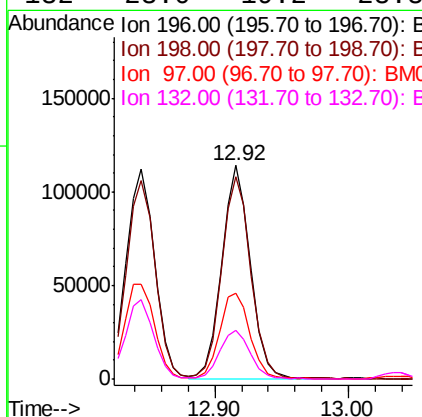
Instrument :  
 BNA\_M  
 ClientSampleId :

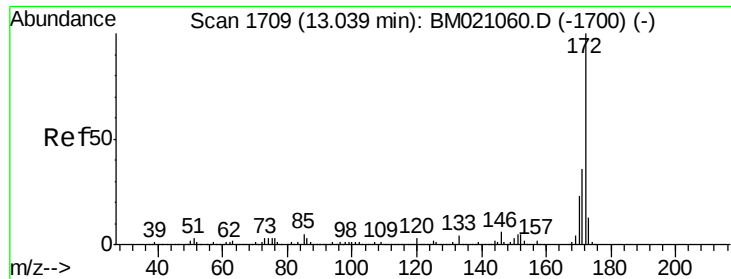
| Tot Ion   | 196   | Resp  | 164916 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.6  | 76.7  | 115.1  |
| 200       | 29.9  | 24.2  | 36.4   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 11.515 ng  
 RT: 12.92 min Scan# 1688  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

| Tgt Ion   | 196   | Resp  | 172236 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 94.5  | 78.2  | 117.4  |
| 97        | 40.3  | 34.1  | 51.1   |
| 132       | 23.0  | 19.2  | 28.8   |

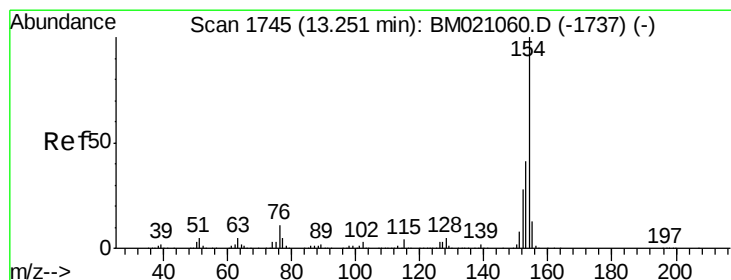
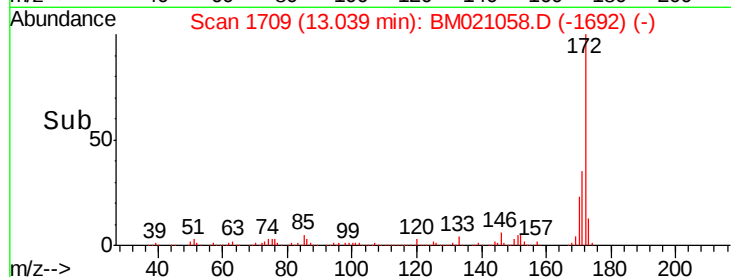
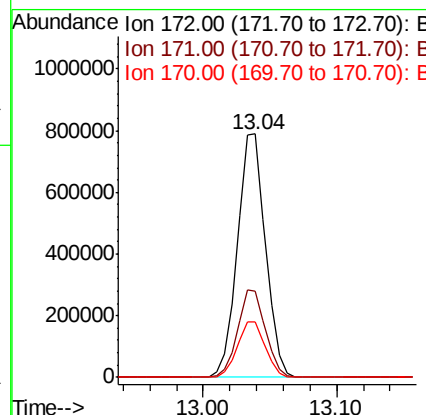
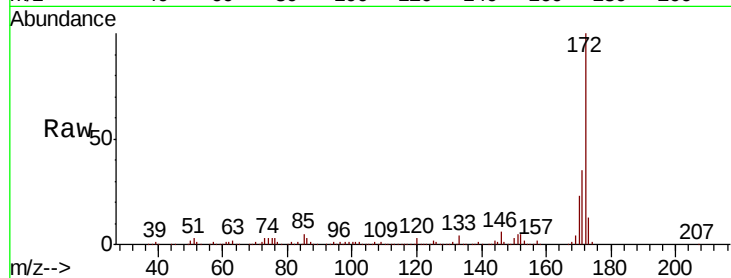




#45  
2-Fluorobiphenyl  
Concen: 22.362 ng  
RT: 13.04 min Scan# 1709  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

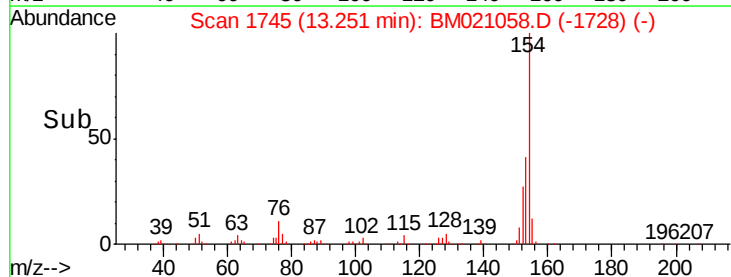
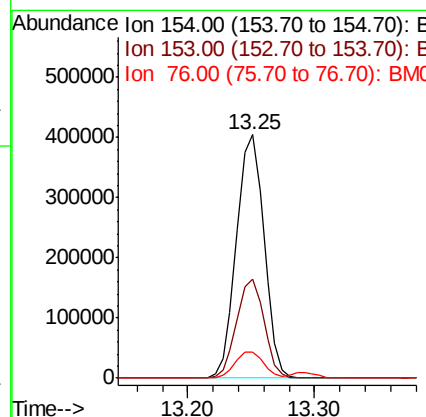
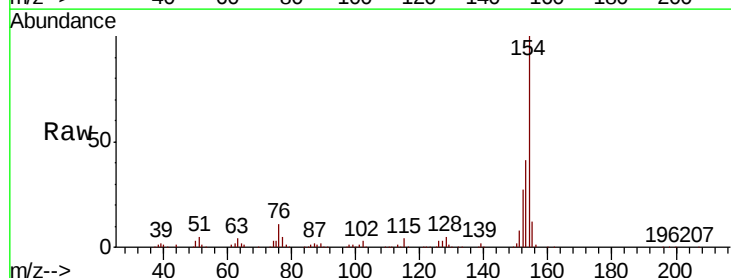
Instrument :  
BNA\_M  
ClientSampleId :

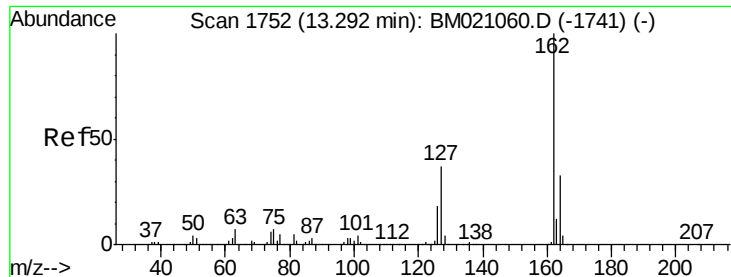
Tot Ion:172 Resp: 1155325  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.6 43.0  
170 22.9 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 10.613 ng  
RT: 13.25 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Tgt Ion:154 Resp: 608794  
Ion Ratio Lower Upper  
154 100  
153 40.7 21.3 61.3  
76 10.7 0.0 30.9

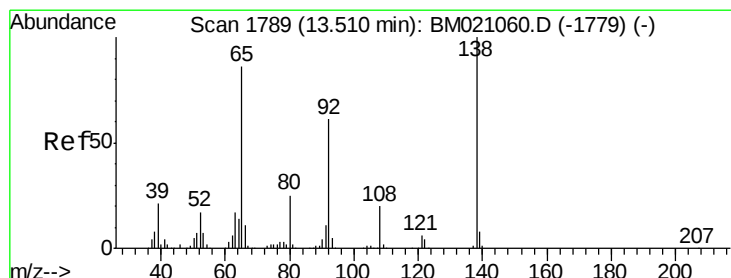
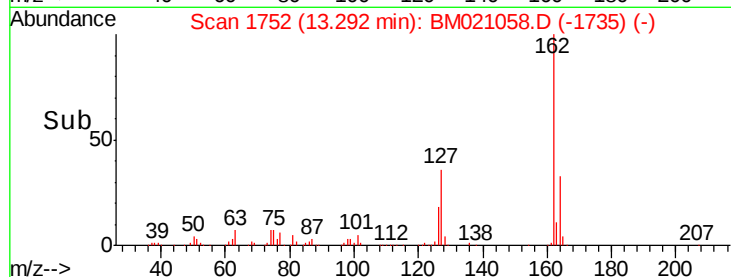
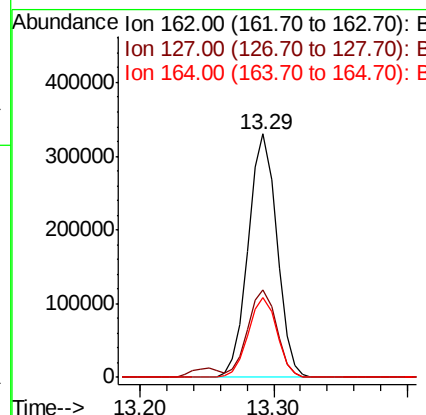
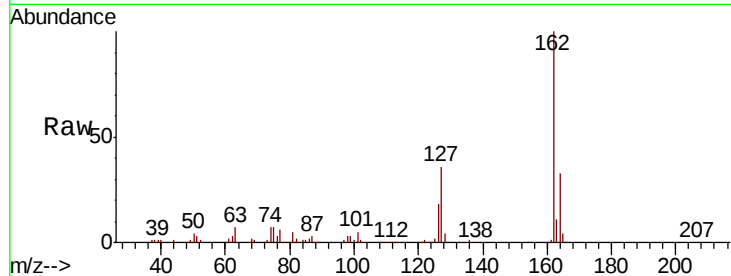




#47  
 2-Chloronaphthalene  
 Concen: 10.547 ng  
 RT: 13.29 min Scan# 1752  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

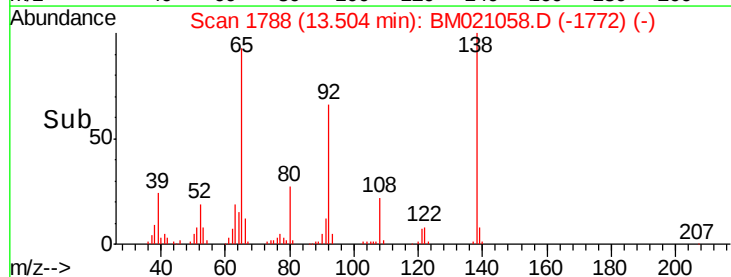
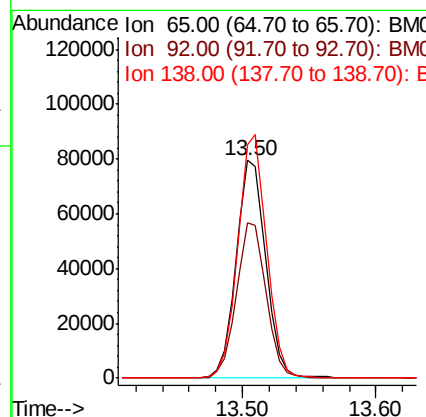
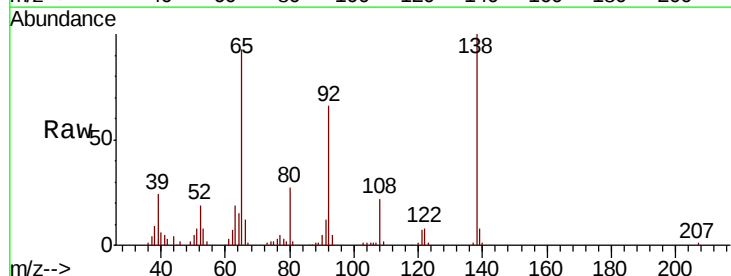
Instrument :  
 BNA\_M  
 ClientSampleId :

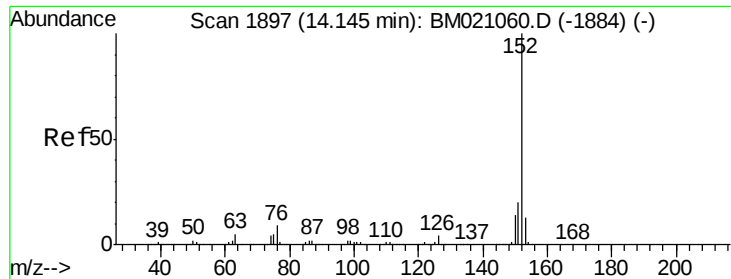
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 35.9  | 29.4  | 44.2  |
| 164     | 32.8  | 26.5  | 39.7  |



#48  
 2-Nitroaniline  
 Concen: 8.463 ng  
 RT: 13.50 min Scan# 1788  
 Delta R.T. -0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.3  | 56.3  | 84.5  |
| 138     | 107.3 | 92.6  | 139.0 |





#49

Acenaphthylene

Concen: 10.274 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

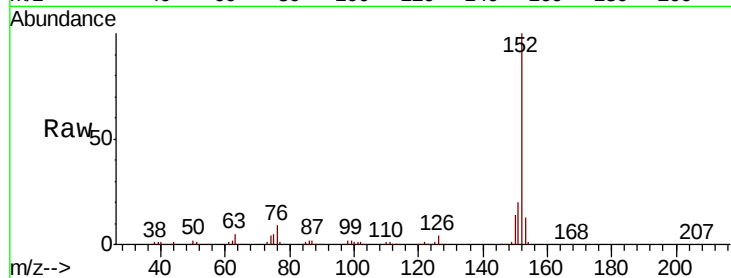
Tot Ion:152 Resp: 742163

Ion Ratio Lower Upper

152 100

151 19.8 16.1 24.1

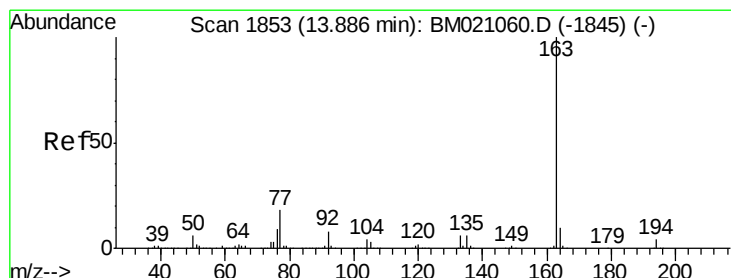
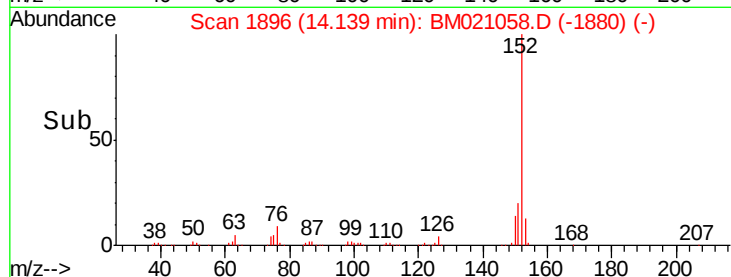
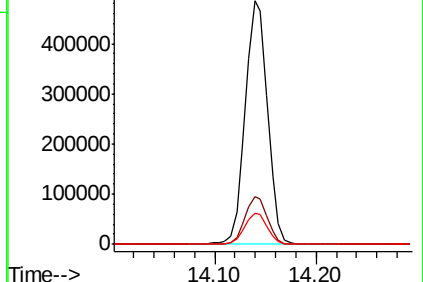
153 13.0 10.6 16.0



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: 11.013 ng

RT: 13.88 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

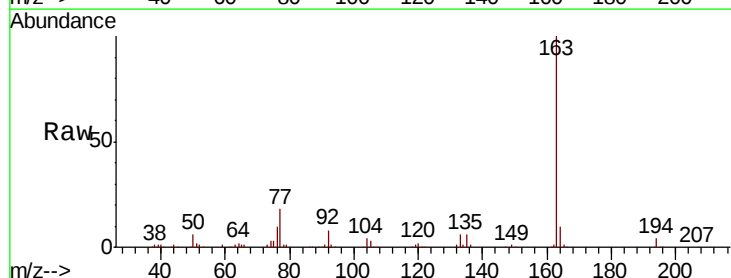
Tgt Ion:163 Resp: 646291

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

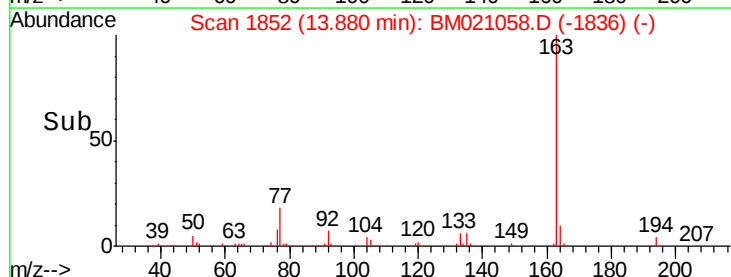
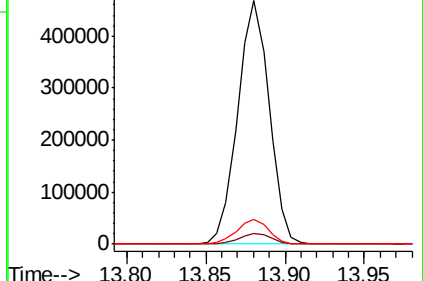
164 10.1 8.2 12.2

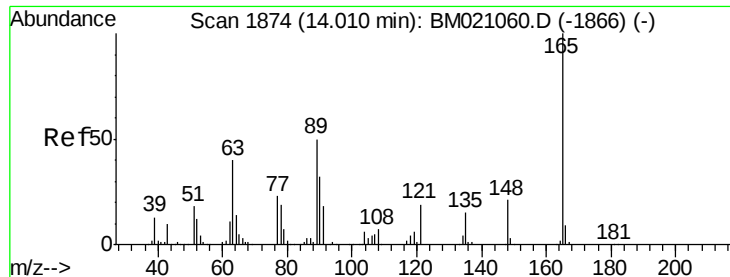


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

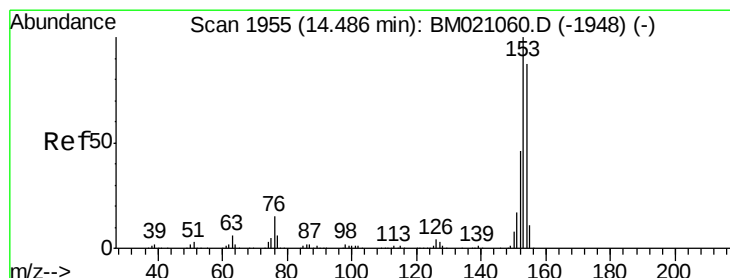
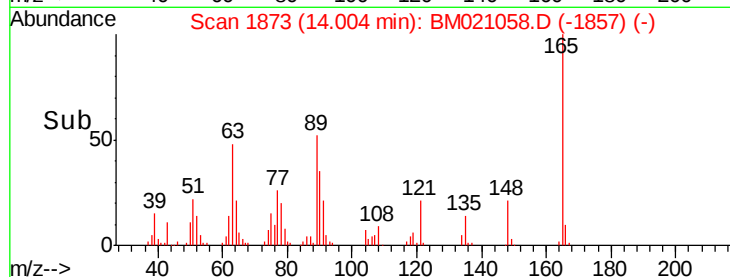
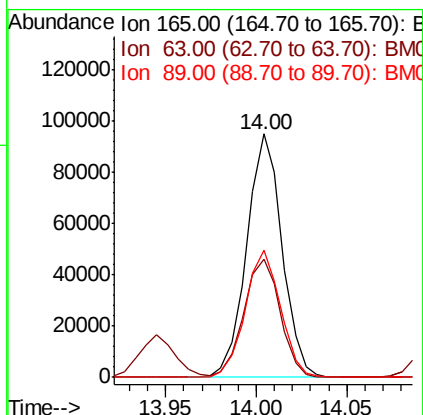
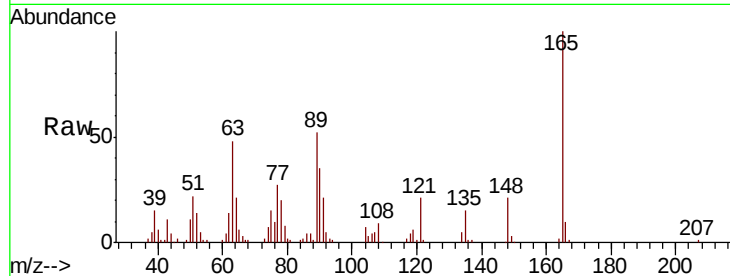




#51  
 2,6-Dinitrotoluene  
 Concen: 10.804 ng  
 RT: 14.00 min Scan# 1873  
 Delta R.T. -0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

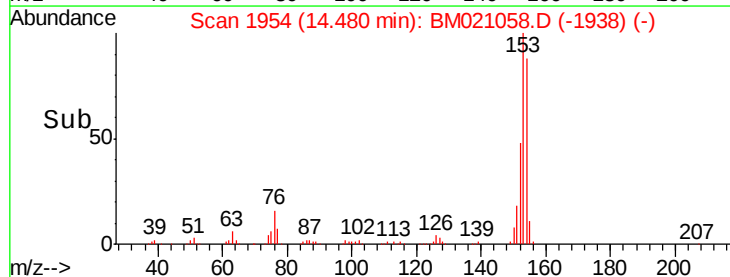
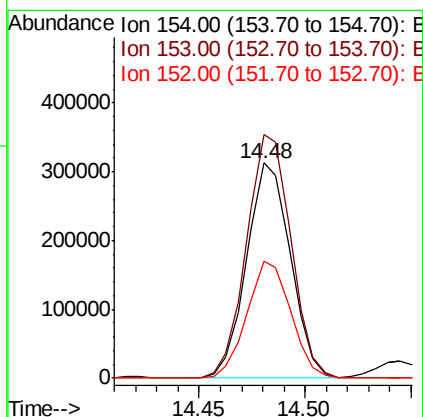
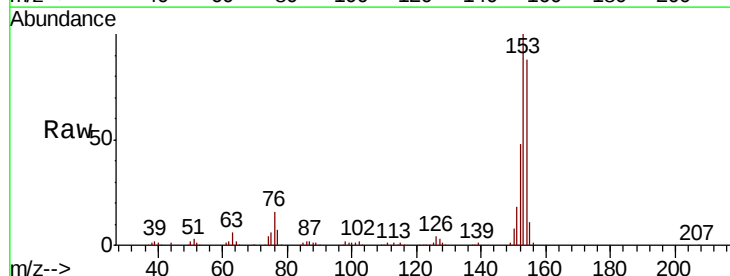
Instrument :  
 BNA\_M  
 ClientSampled :

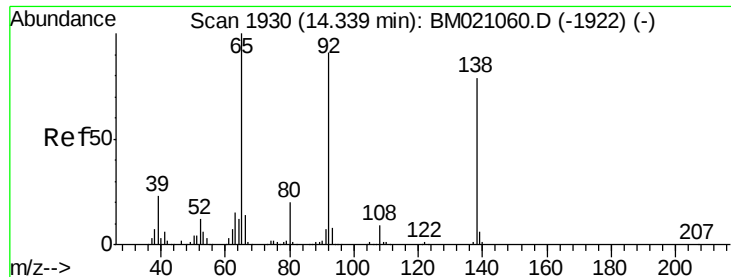
| Tot Ion   | 165   | Resp  | 128734 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 48.3  | 37.8  | 56.6   |
| 89        | 52.2  | 39.7  | 59.5   |



#52  
 Acenaphthene  
 Concen: 10.513 ng  
 RT: 14.48 min Scan# 1954  
 Delta R.T. -0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

| Tgt Ion   | 154   | Resp  | 452606 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.2 | 91.5  | 137.3  |
| 152       | 54.5  | 42.3  | 63.5   |

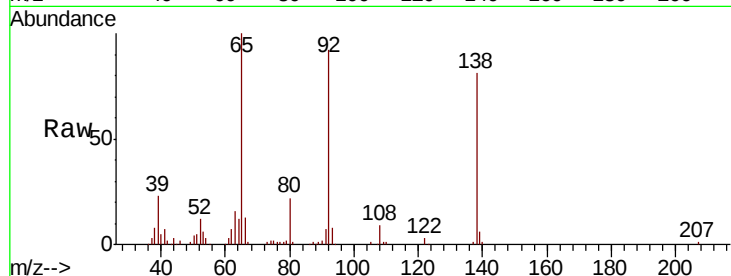




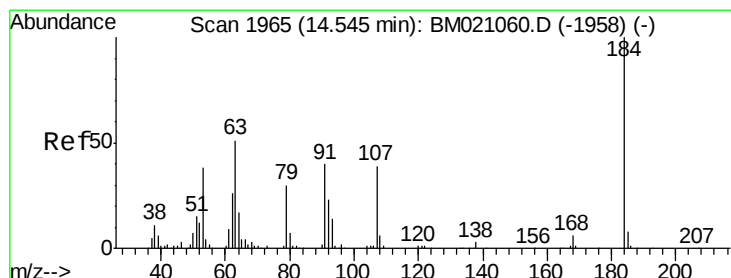
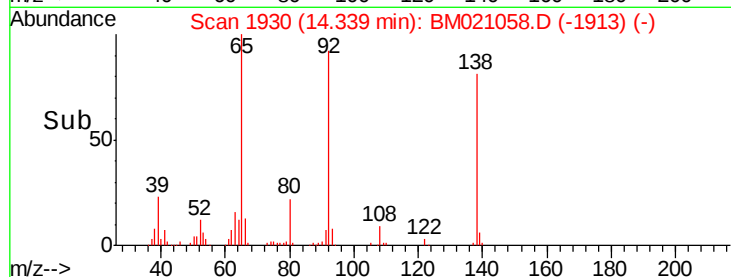
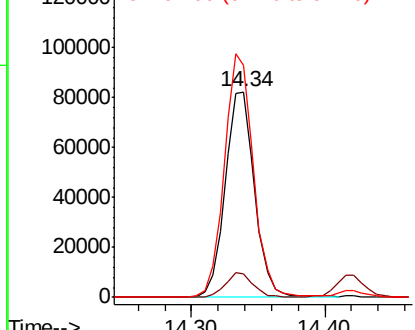
#53  
3-Nitroaniline  
Concen: 9.582 ng  
RT: 14.34 min Scan# 1930  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:138 Resp: 127434  
Ion Ratio Lower Upper  
138 100  
108 11.6 9.0 13.4  
92 113.0 92.2 138.2

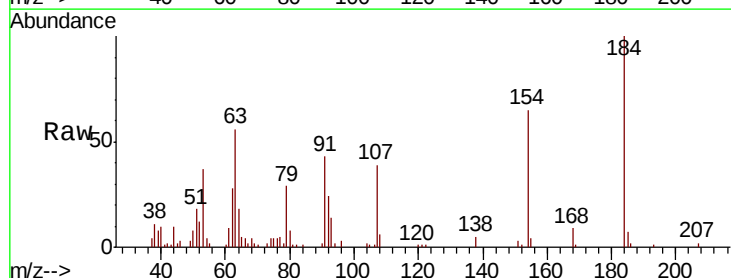


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

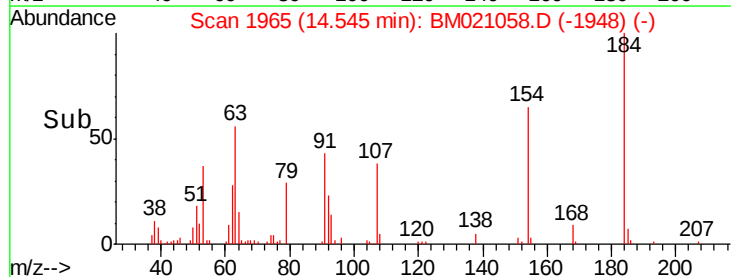
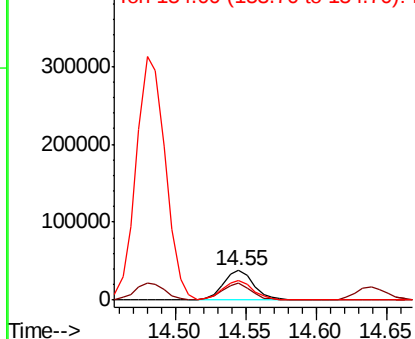


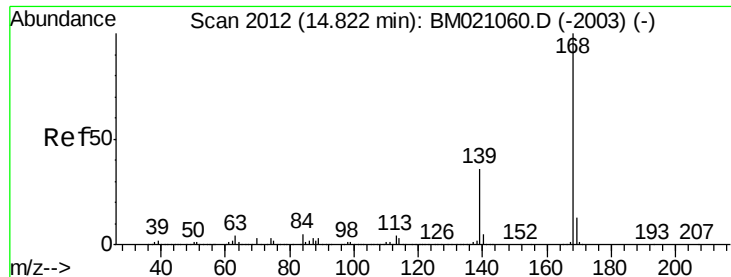
#54  
2,4-Dinitrophenol  
Concen: 13.688 ng  
RT: 14.55 min Scan# 1965  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Tgt Ion:184 Resp: 57606  
Ion Ratio Lower Upper  
184 100  
63 56.4 45.5 68.3  
154 65.2 50.6 76.0



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

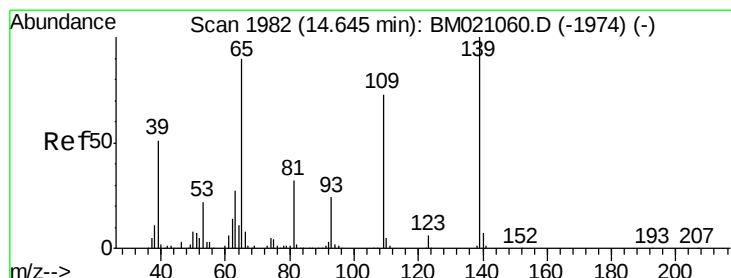
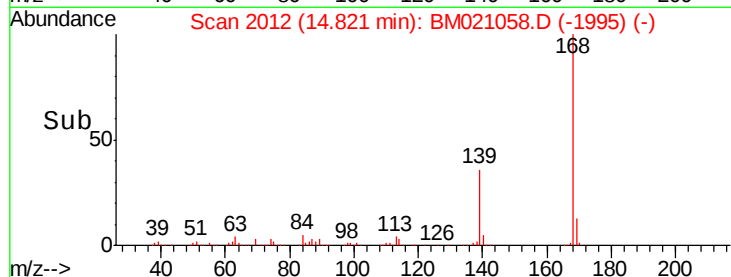
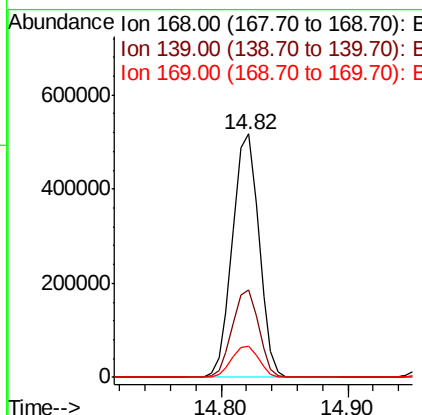
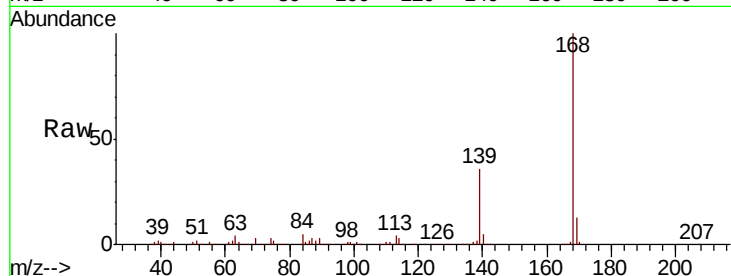




#55  
Dibenzenofuran  
Concen: 11.188 ng  
RT: 14.82 min Scan# 2012  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

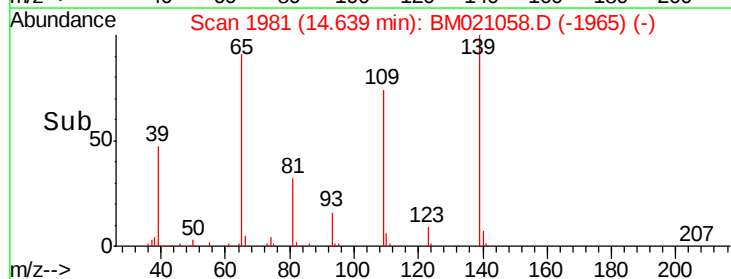
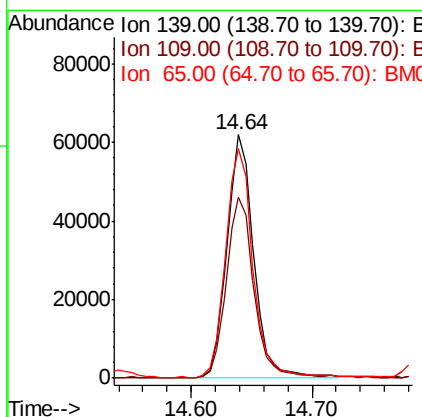
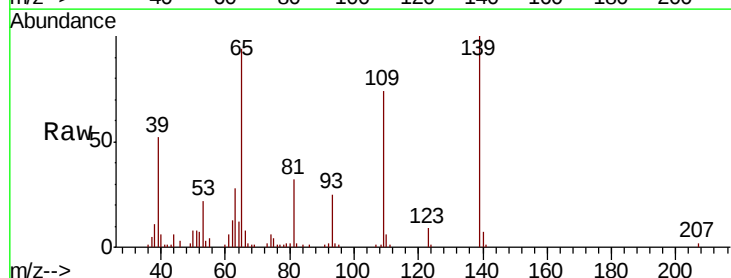
Instrument :  
BNA\_M  
ClientSampleId :

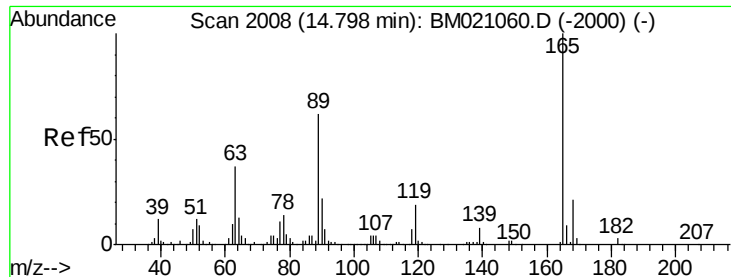
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.2  | 28.4  | 42.6  |
| 169     | 13.0  | 10.6  | 16.0  |



#56  
4-Nitrophenol  
Concen: 9.777 ng  
RT: 14.64 min Scan# 1981  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 74.1  | 53.3  | 93.3  |
| 65      | 94.3  | 70.3  | 110.3 |

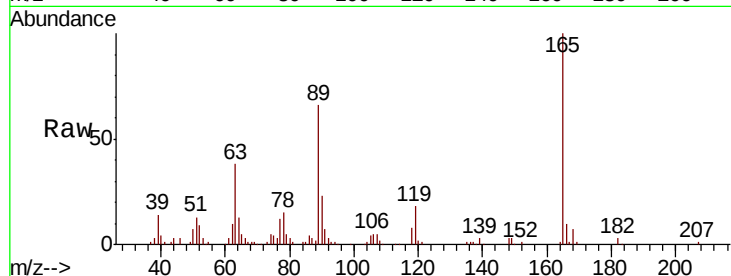




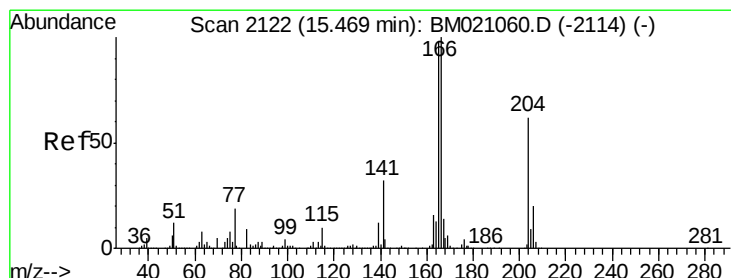
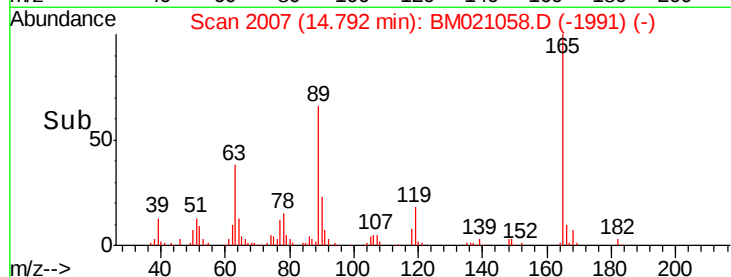
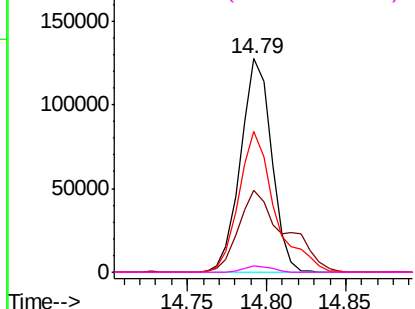
#57  
2,4-Dinitrotoluene  
Concen: 10.840 ng  
RT: 14.79 min Scan# 2007  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 172941 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 38.4  | 29.6  | 44.4   |
| 89       | 65.9  | 49.5  | 74.3   |
| 182      | 3.2   | 2.4   | 3.6    |

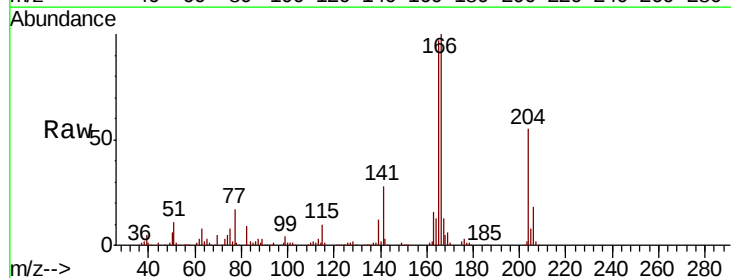


Abundance Ion 165.00 (164.70 to 165.70): E  
200000  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM  
Ion 182.00 (181.70 to 182.70): E

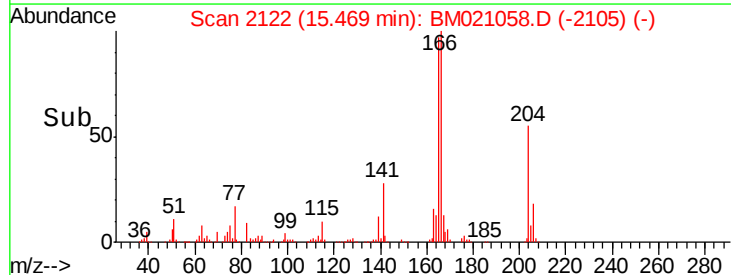
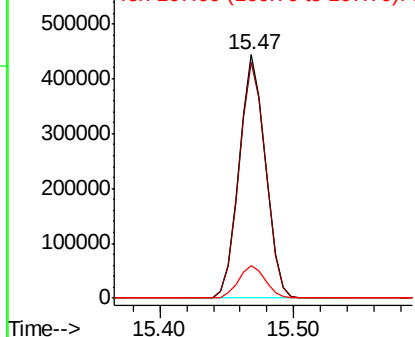


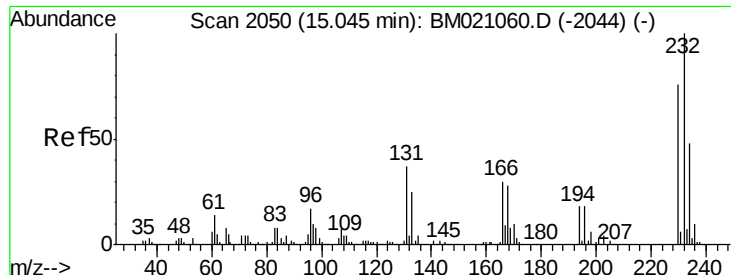
#58  
Fluorene  
Concen: 11.001 ng  
RT: 15.47 min Scan# 2122  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 604866 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 96.9  | 78.6  | 117.8  |
| 167      | 13.2  | 10.9  | 16.3   |



Abundance Ion 166.00 (165.70 to 166.70): E  
600000  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

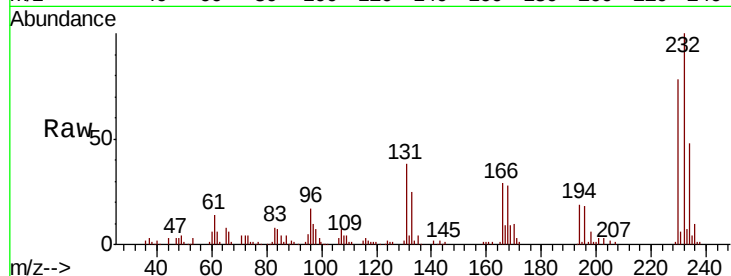




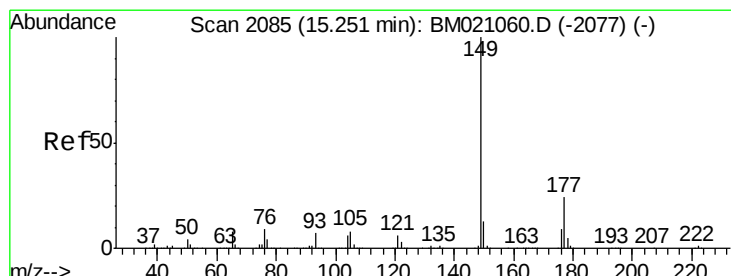
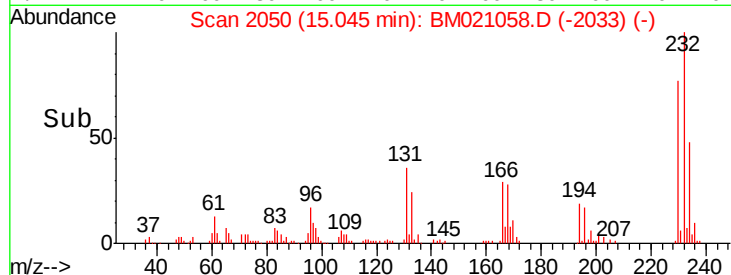
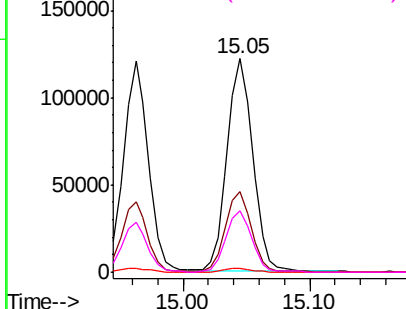
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 13.178 ng  
 RT: 15.05 min Scan# 2050  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

Instrument :  
 BNA\_M  
 ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 171768 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 38.5  | 30.6  | 46.0   |
| 130      | 2.0   | 1.7   | 2.5    |
| 166      | 29.1  | 23.4  | 35.0   |

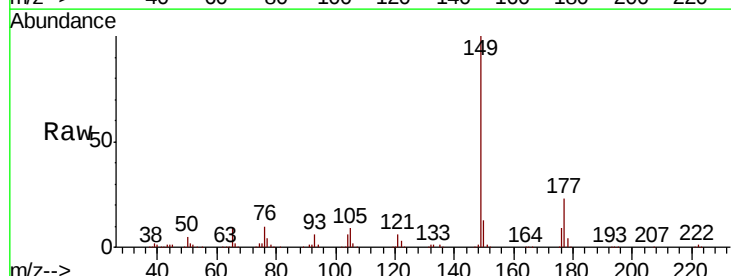


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

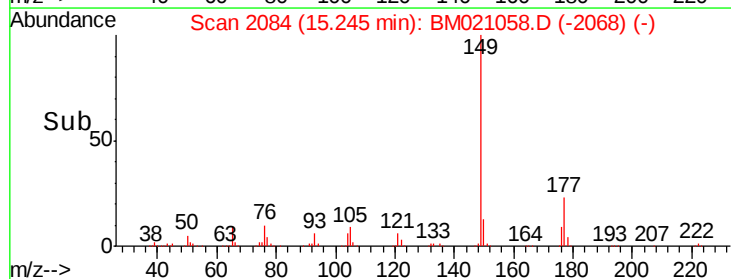
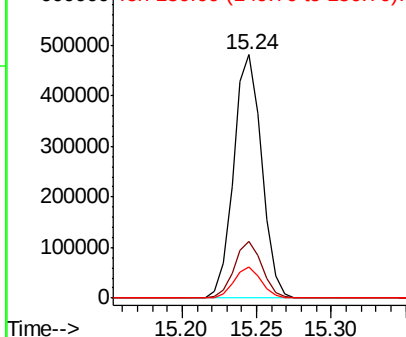


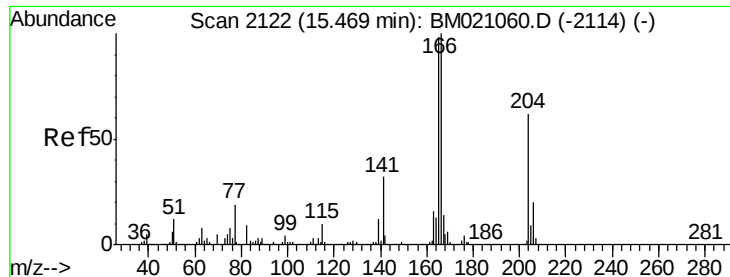
#60  
 Diethylphthalate  
 Concen: 10.476 ng  
 RT: 15.24 min Scan# 2084  
 Delta R.T. -0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 634046 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.2  | 19.1  | 28.7   |
| 150      | 12.6  | 10.1  | 15.1   |



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: 11.579 ng

RT: 15.46 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

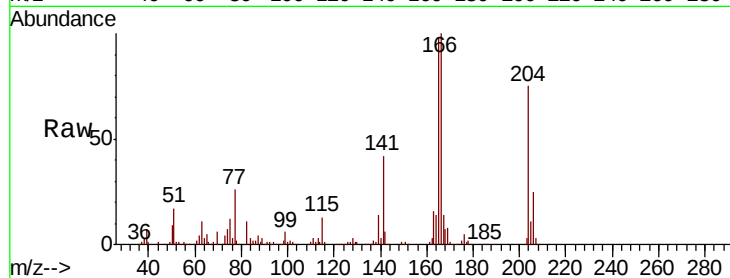
Tot Ion:204 Resp: 337106

Ion Ratio Lower Upper

204 100

206 33.0 26.1 39.1

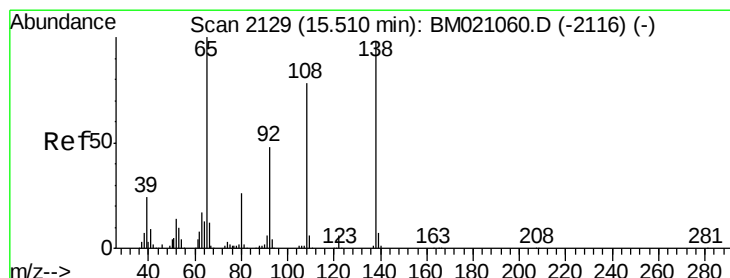
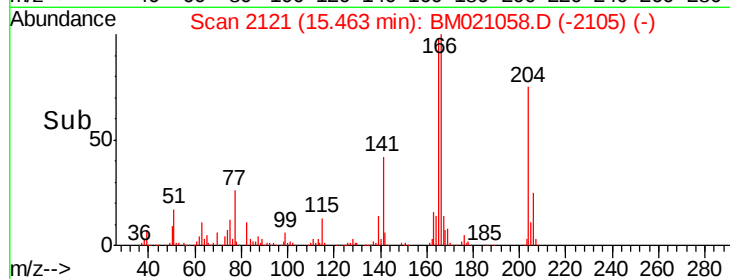
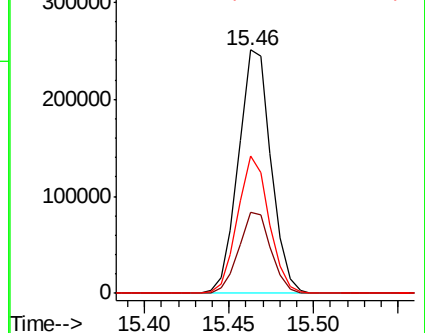
141 56.4 40.7 61.1



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 9.494 ng

RT: 15.50 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

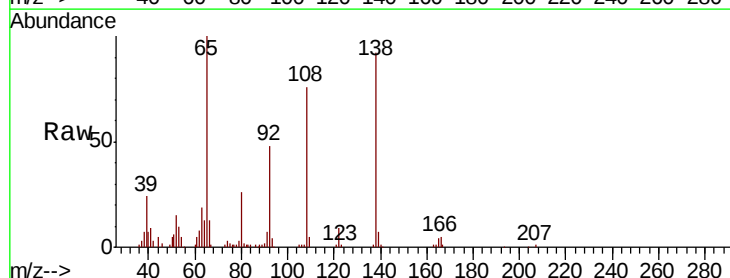
Tgt Ion:138 Resp: 133917

Ion Ratio Lower Upper

138 100

92 52.5 29.1 69.1

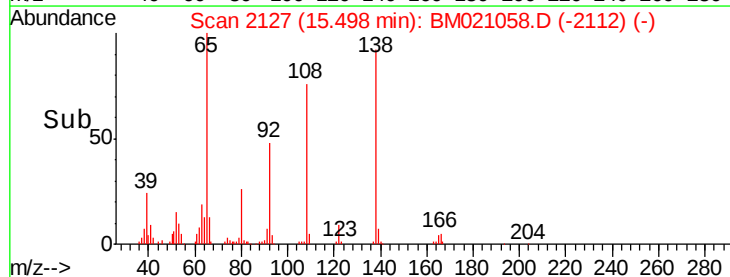
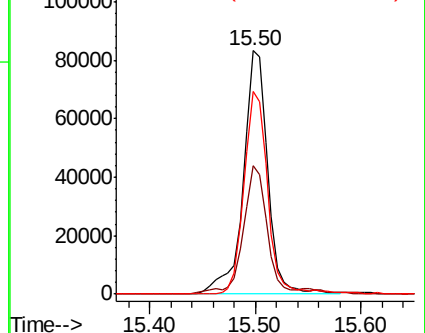
108 83.1 59.2 99.2

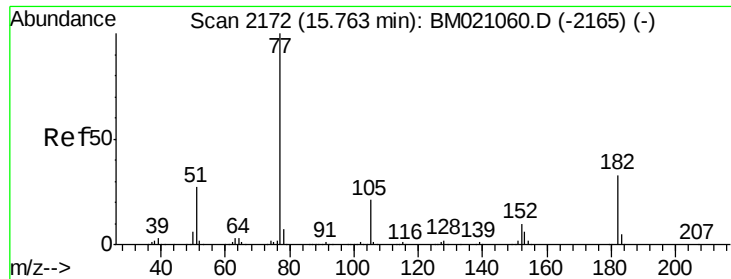


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

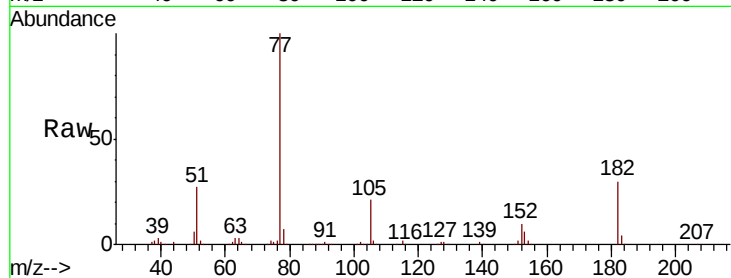




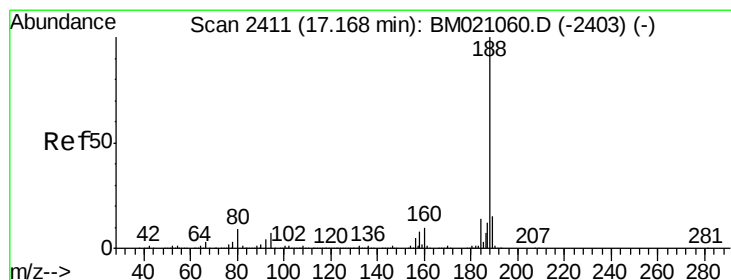
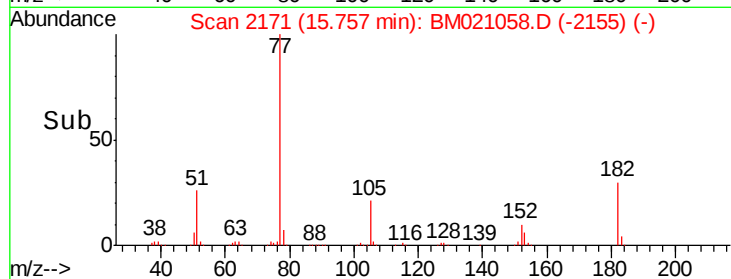
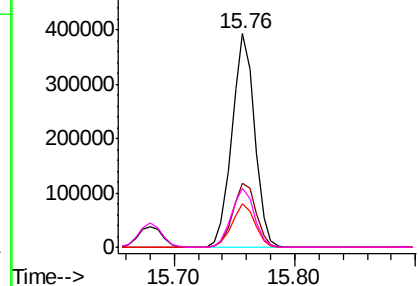
#63  
Azobenzene  
Concen: 8.791 ng  
RT: 15.76 min Scan# 2171  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 510091 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 29.9  | 12.6  | 52.6   |
| 105      | 20.7  | 1.1   | 41.1   |
| 51       | 27.4  | 6.9   | 46.9   |

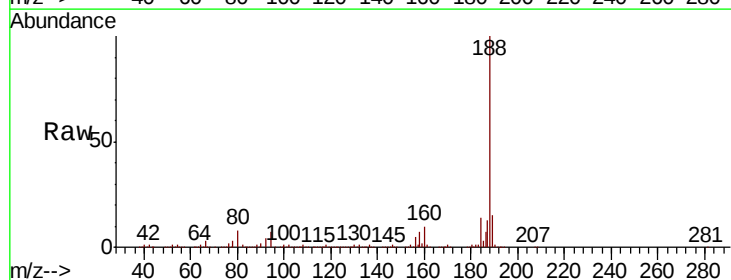


Abundance Ion 77.00 (76.70 to 77.70): BM021060.D (-2165) (-)  
Ion 182.00 (181.70 to 182.70): BM021060.D (-2165) (-)  
Ion 105.00 (104.70 to 105.70): BM021060.D (-2165) (-)  
Ion 51.00 (50.70 to 51.70): BM021060.D (-2165) (-)

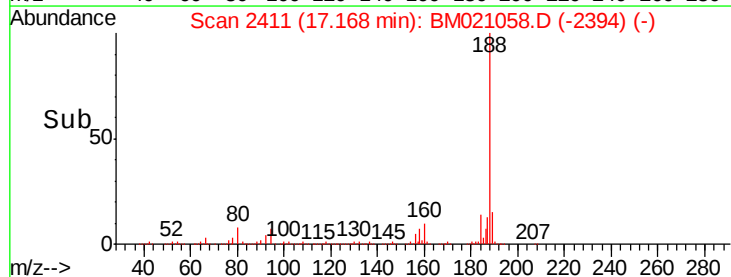
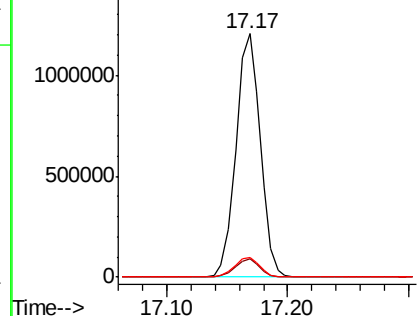


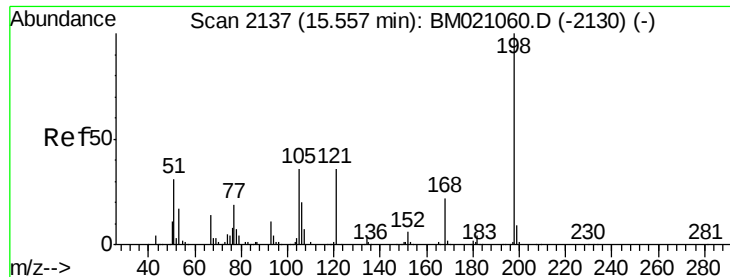
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.17 min Scan# 2411  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 188   | Resp: | 1688239 |
| Ion      | Ratio | Lower | Upper   |
| 188      | 100   |       |         |
| 94       | 7.3   | 5.8   | 8.8     |
| 80       | 8.1   | 6.9   | 10.3    |



Abundance Ion 188.00 (187.70 to 188.70): BM021060.D (-2403) (-)  
Ion 94.00 (93.70 to 94.70): BM021060.D (-2403) (-)  
Ion 80.00 (79.70 to 80.70): BM021060.D (-2403) (-)

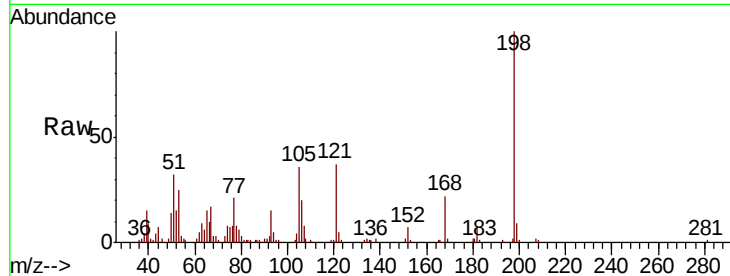




#65  
4,6-Dinitro-2-methylphenol  
Concen: 12.004 ng  
RT: 15.56 min Scan# 2137  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 32.4  | 15.3  | 55.3  |
| 105     | 36.0  | 16.8  | 56.8  |

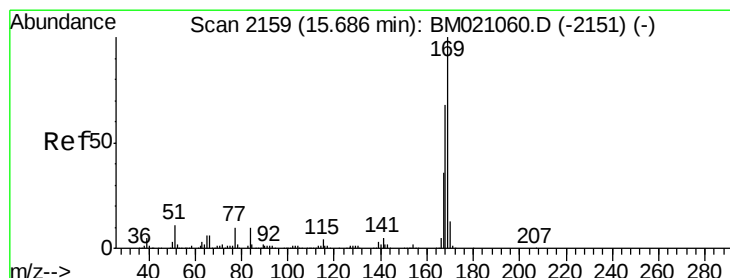
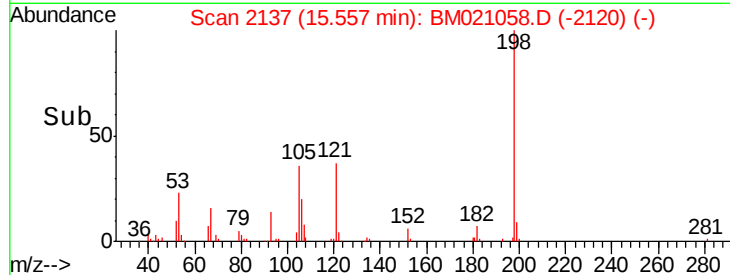
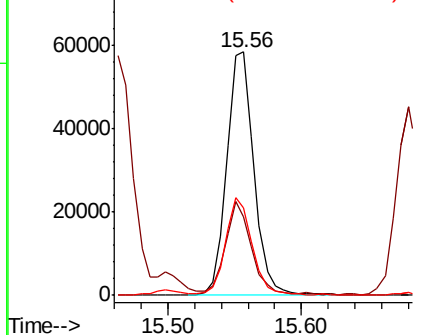


Abundance

Ion 198.00 (197.70 to 198.70): E

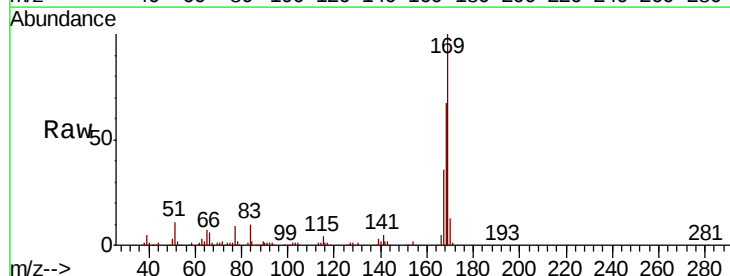
Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66  
n-Nitrosodiphenylamine  
Concen: 9.845 ng  
RT: 15.68 min Scan# 2158  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.6  | 54.5  | 81.7  |
| 167     | 36.2  | 29.0  | 43.6  |

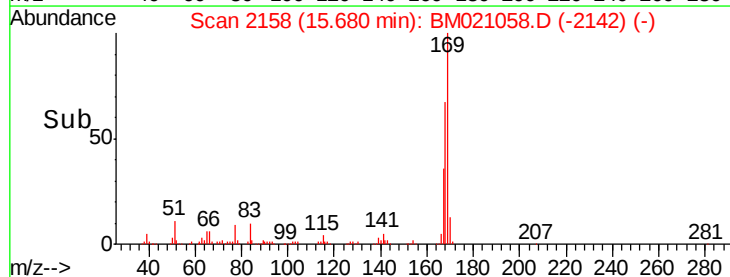
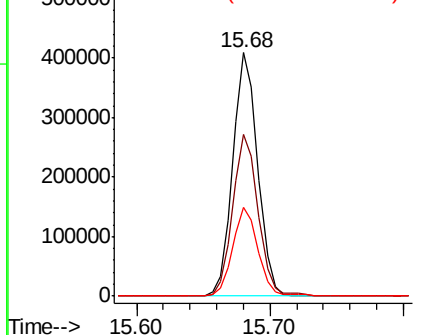


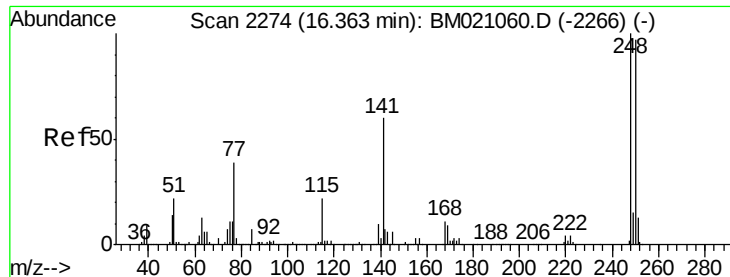
Abundance

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

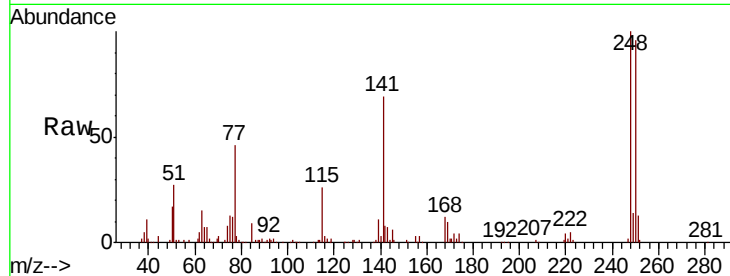




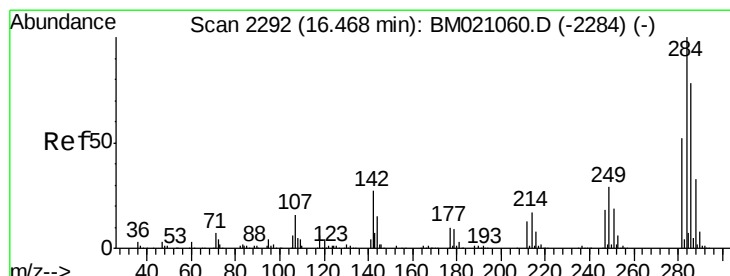
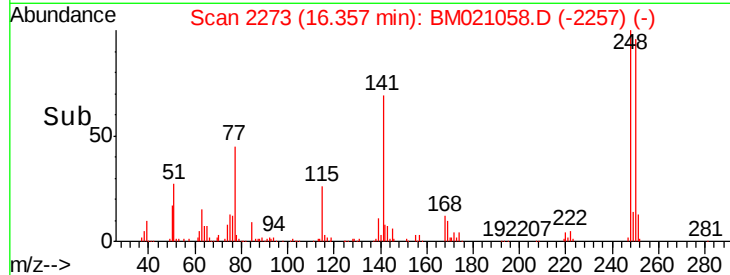
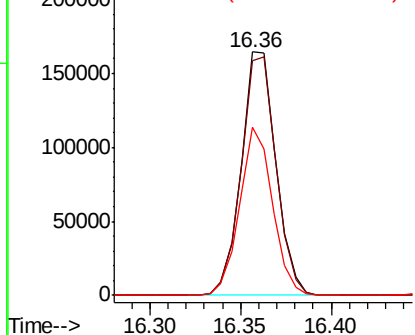
#67  
 4-Bromophenyl-phenylether  
 Concen: 11.019 ng  
 RT: 16.36 min Scan# 2273  
 Delta R.T. -0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.5  | 77.5  | 116.3 |
| 141     | 69.3  | 47.8  | 71.6  |

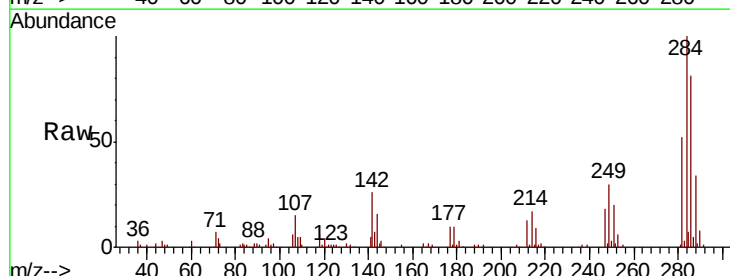


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

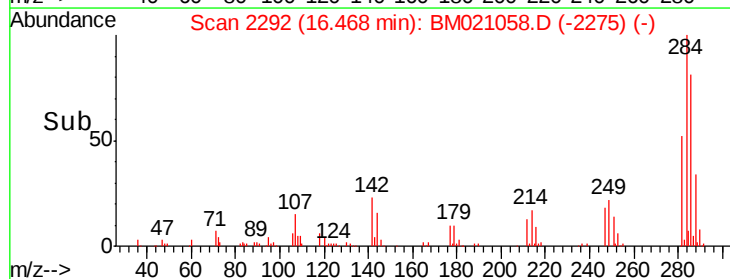
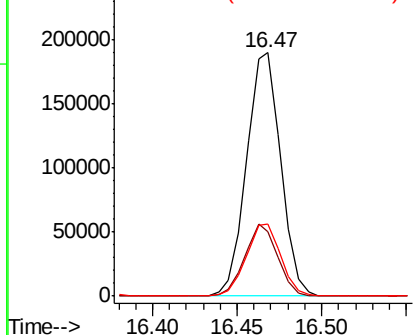


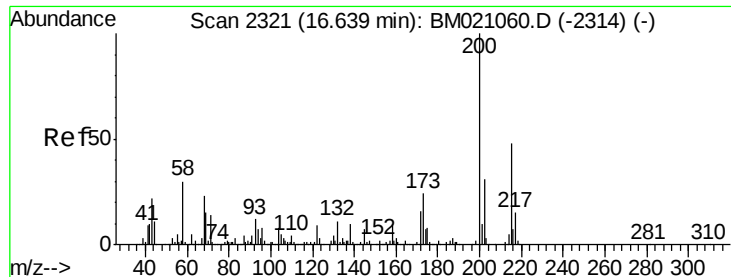
#68  
 Hexachlorobenzene  
 Concen: 11.513 ng  
 RT: 16.47 min Scan# 2292  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 26.5  | 21.2  | 31.8  |
| 249     | 29.7  | 23.4  | 35.0  |



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: 12.205 ng

RT: 16.63 min Scan# 2320

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

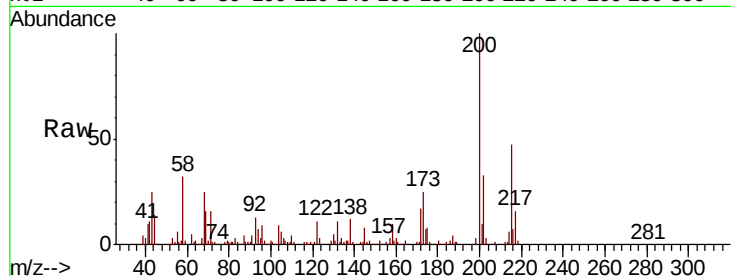
Tot Ion:200 Resp: 196862

Ion Ratio Lower Upper

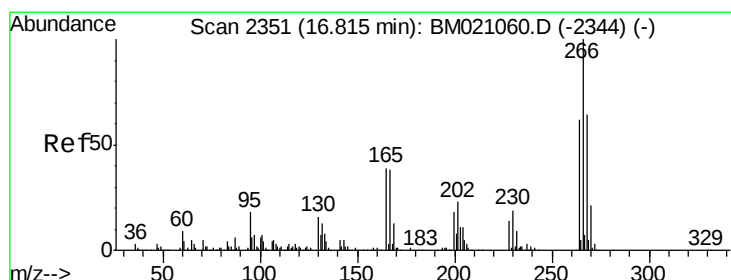
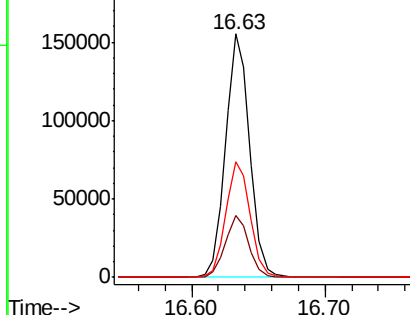
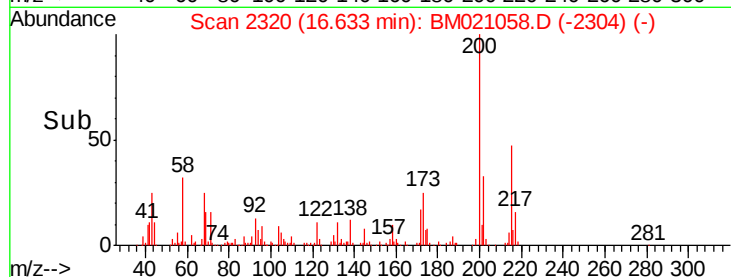
200 100

173 25.2 4.3 44.3

215 47.3 28.2 68.2



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: 11.591 ng

RT: 16.82 min Scan# 2351

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

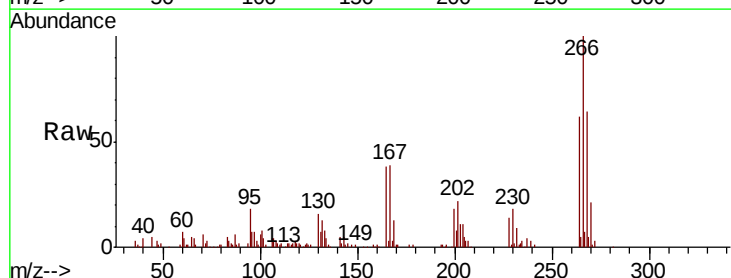
Tgt Ion:266 Resp: 128352

Ion Ratio Lower Upper

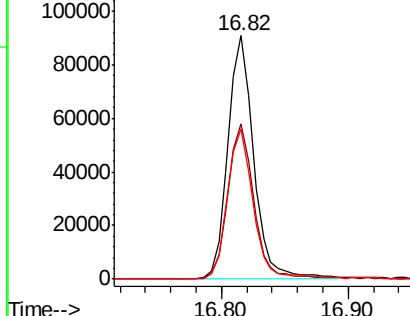
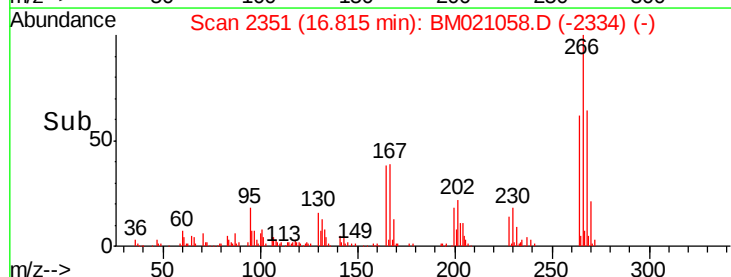
266 100

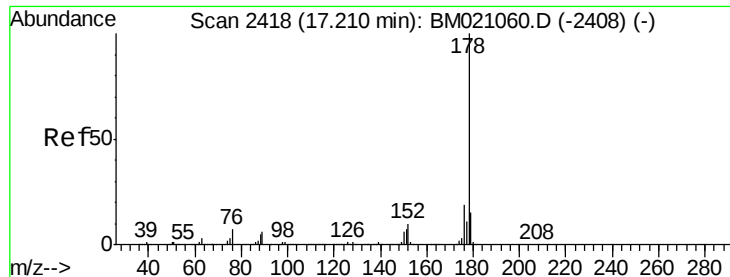
268 63.7 51.0 76.4

264 61.8 49.9 74.9



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

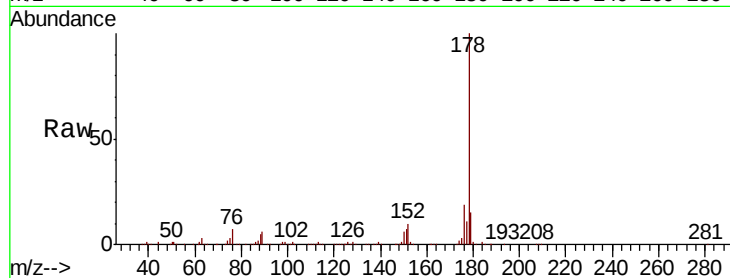




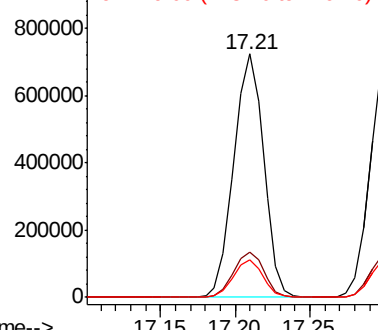
#71  
Phenanthrene  
Concen: 10.501 ng  
RT: 17.21 min Scan# 2418  
Delta R.T. -0.00 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Instrument :  
BNA\_M  
ClientSampled :

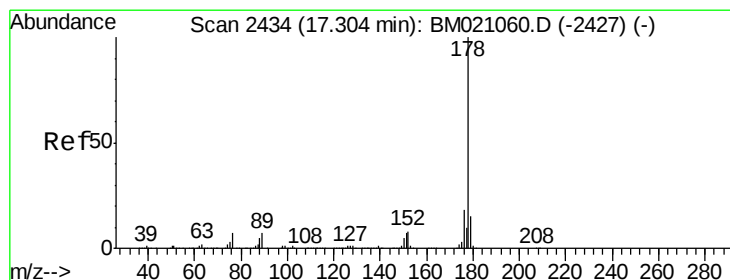
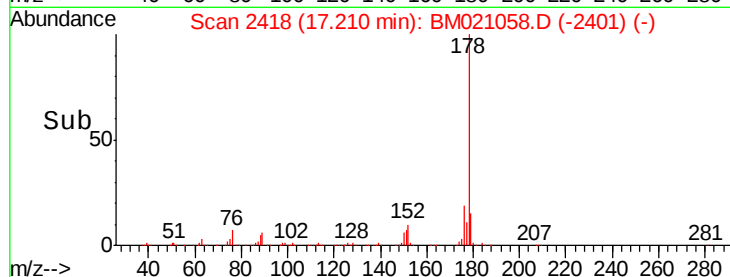
Tot Ion:178 Resp: 1004897  
Ion Ratio Lower Upper  
178 100  
176 18.6 15.2 22.8  
179 15.2 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E  
1000000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

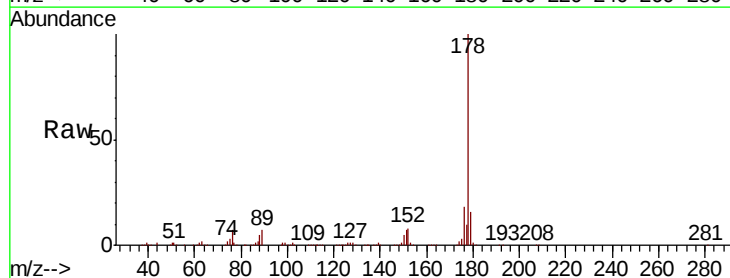


Time-->

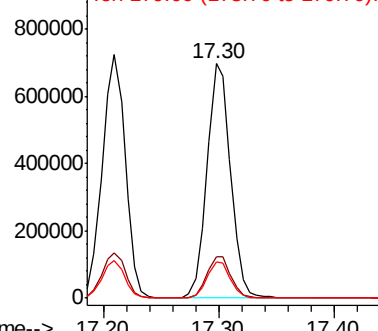


#72  
Anthracene  
Concen: 10.213 ng  
RT: 17.30 min Scan# 2433  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

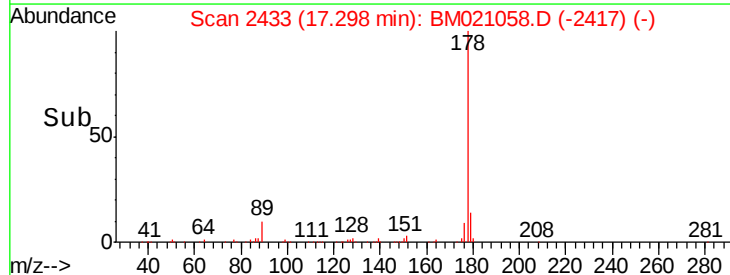
Tgt Ion:178 Resp: 978206  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.7 22.1  
179 15.5 12.2 18.2

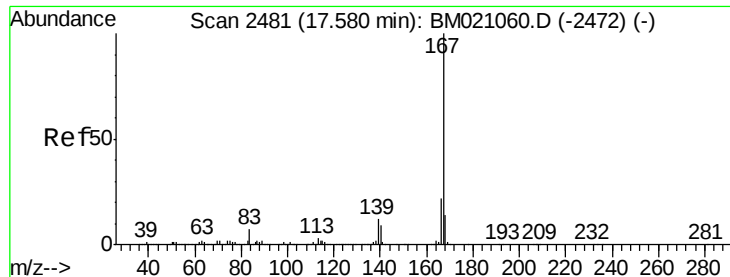


Abundance Ion 178.00 (177.70 to 178.70): E  
1000000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



Time-->

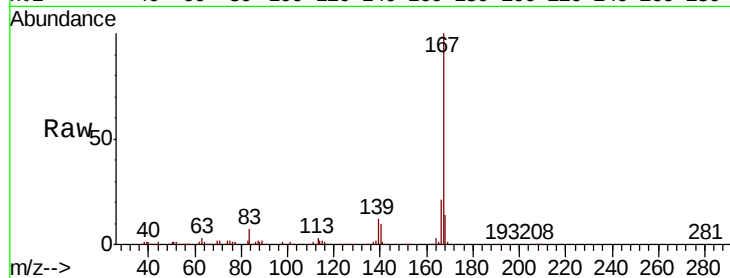




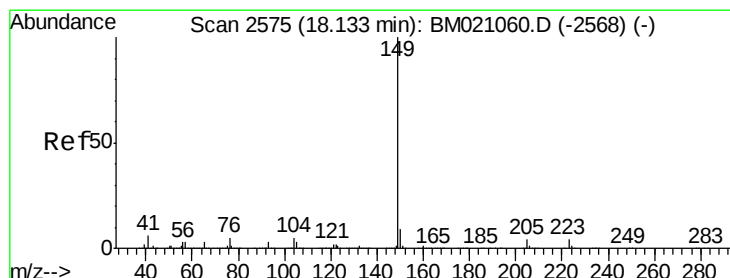
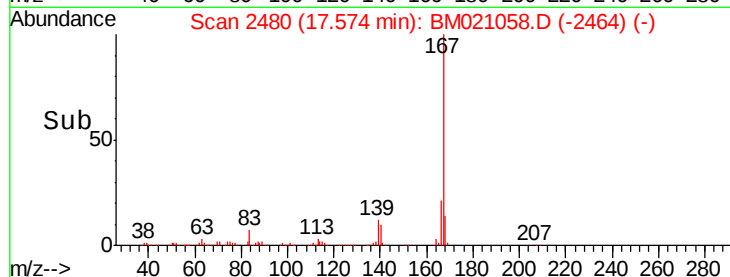
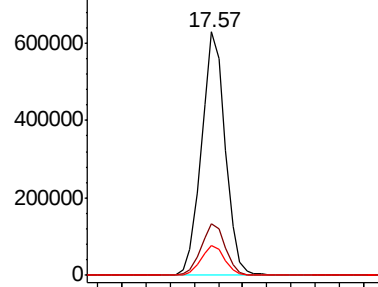
#73  
 Carbazole  
 Concen: 9.913 ng  
 RT: 17.57 min Scan# 2480  
 Delta R.T. -0.01 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 861632  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.4 26.2  
 139 12.2 9.7 14.5

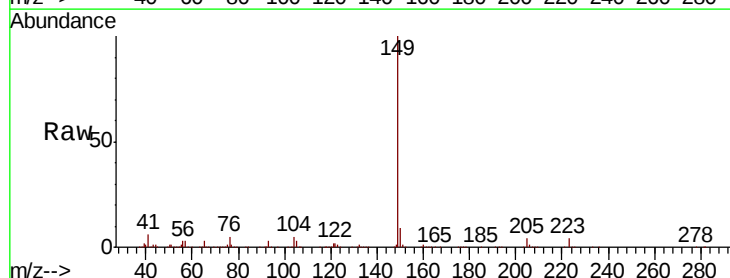


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

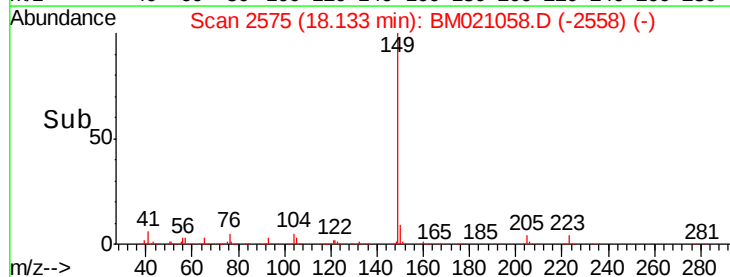
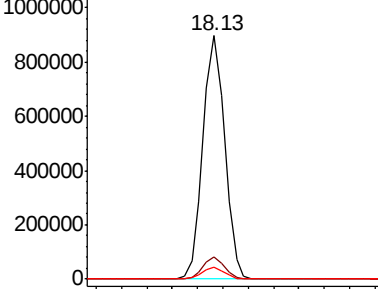


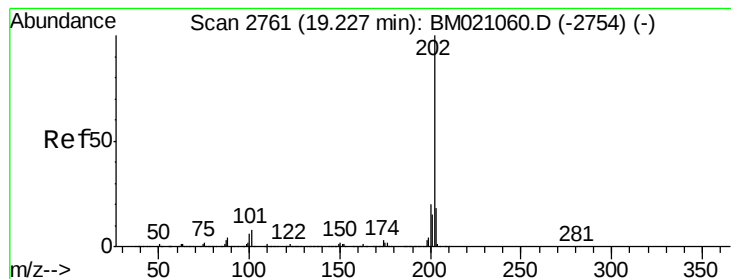
#74  
 Di-n-butylphthalate  
 Concen: 9.438 ng  
 RT: 18.13 min Scan# 2575  
 Delta R.T. -0.00 min  
 Lab File: BM021058.D  
 Acq: 20 Jun 2019 10:12

Tgt Ion:149 Resp: 1064849  
 Ion Ratio Lower Upper  
 149 100  
 150 8.9 7.4 11.0  
 104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 11.123 ng

RT: 19.23 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

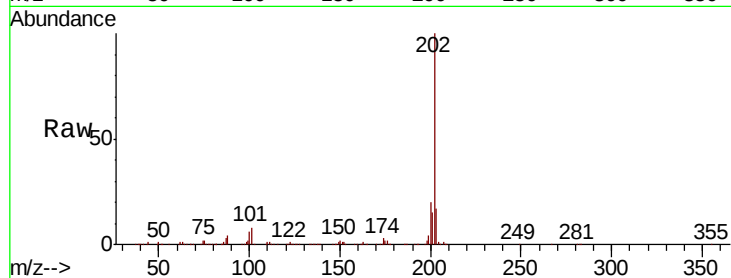
Tot Ion:202 Resp: 1183664

Ion Ratio Lower Upper

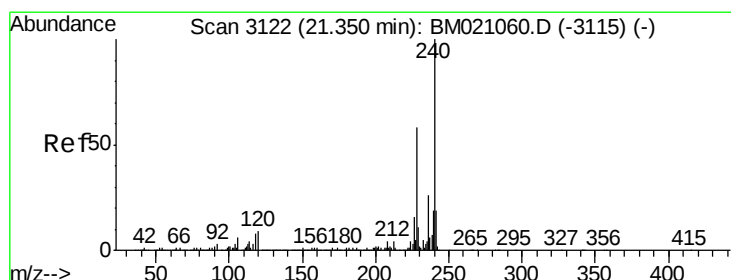
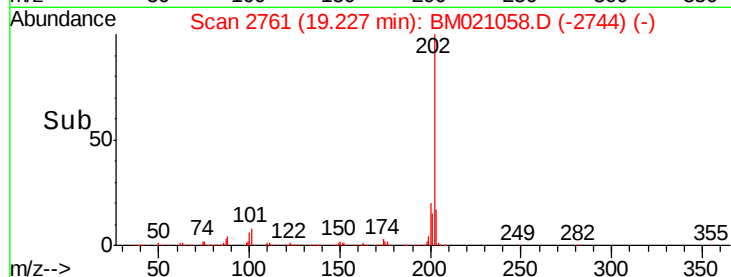
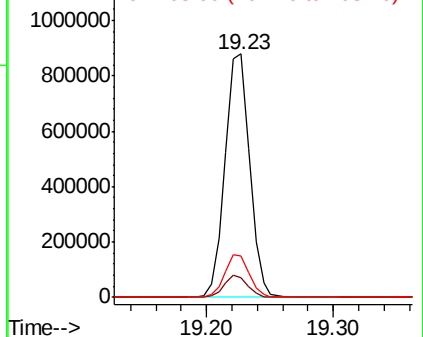
202 100

101 7.9 0.0 28.2

203 17.1 0.0 37.6



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: 21.35 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

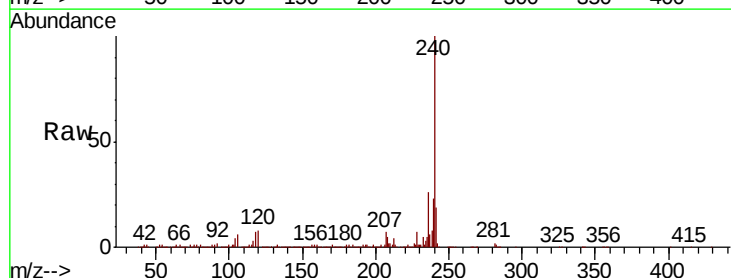
Tgt Ion:240 Resp: 1622652

Ion Ratio Lower Upper

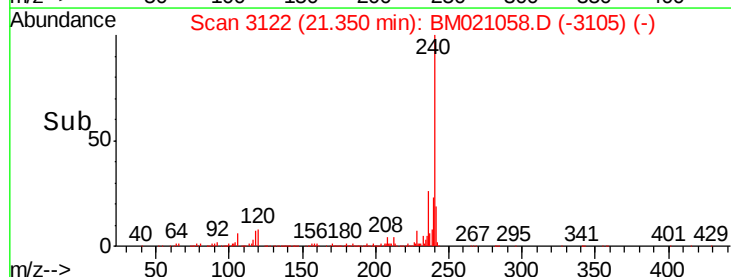
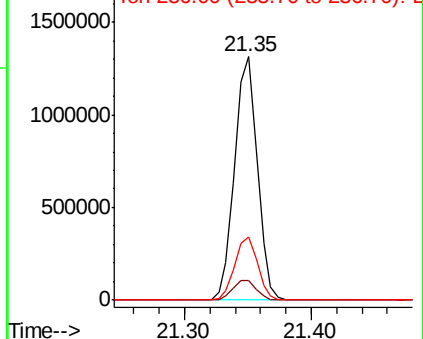
240 100

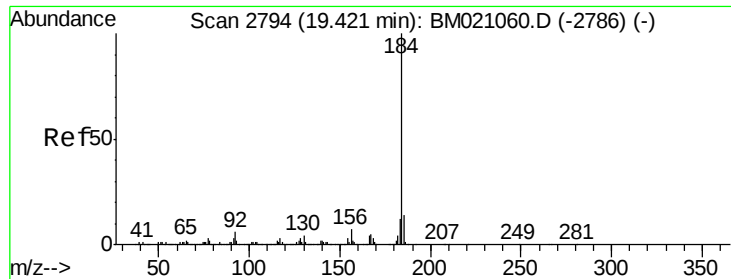
120 8.3 6.9 10.3

236 26.1 20.4 30.6



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: 10.761 ng

RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

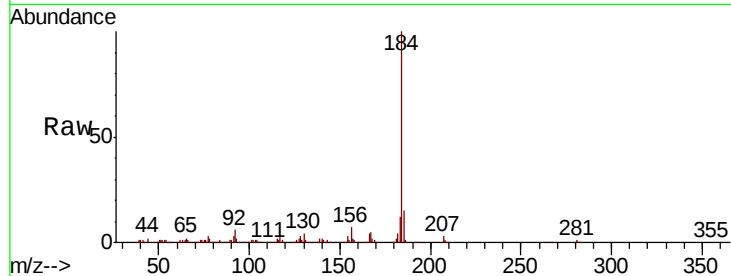
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 529105

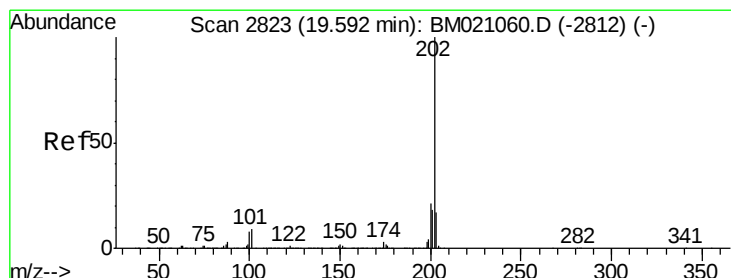
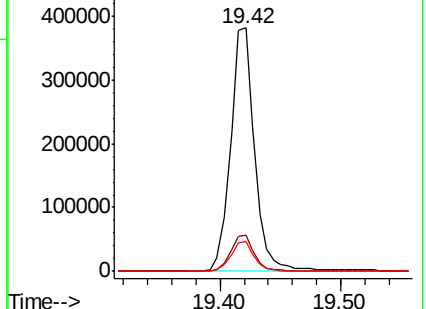
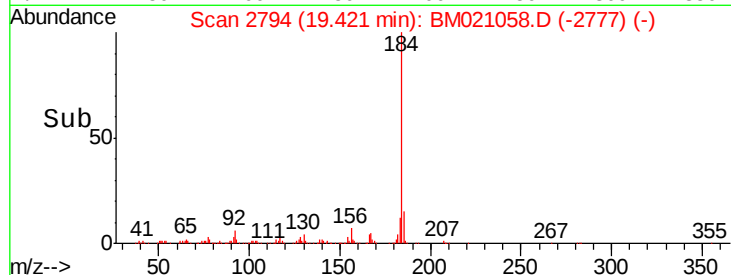
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.6  | 11.4  | 17.2  |
| 183 | 12.0  | 9.6   | 14.4  |



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: 9.749 ng

RT: 19.59 min Scan# 2822

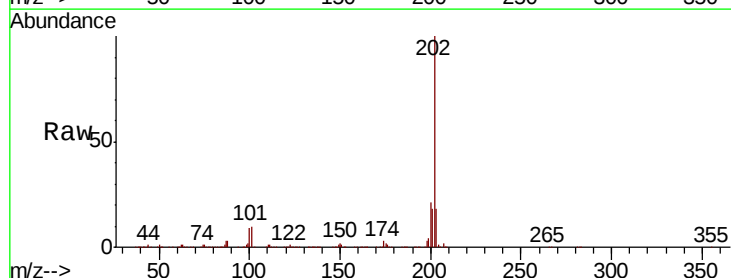
Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Tgt Ion:202 Resp: 1213889

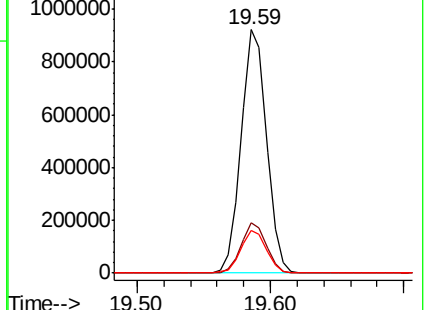
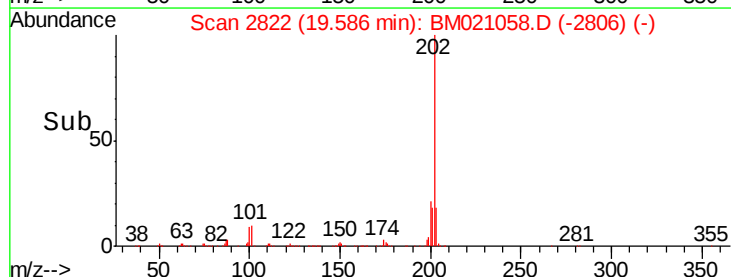
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.6  | 17.0  | 25.4  |
| 203 | 17.6  | 14.0  | 21.0  |

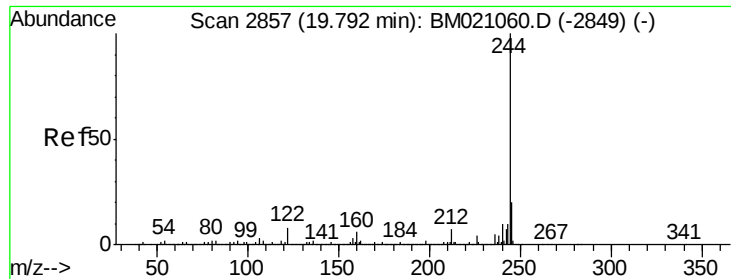


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 18.563 ng

RT: 19.79 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampled :

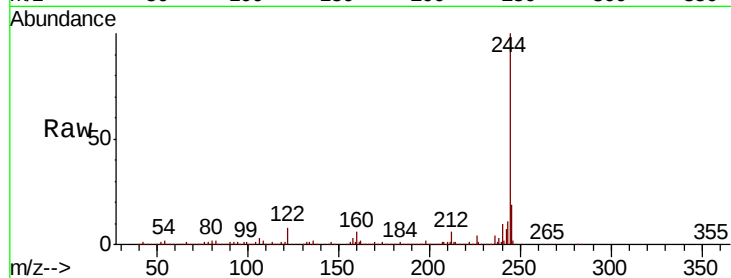
Tot Ion:244 Resp: 1800833

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

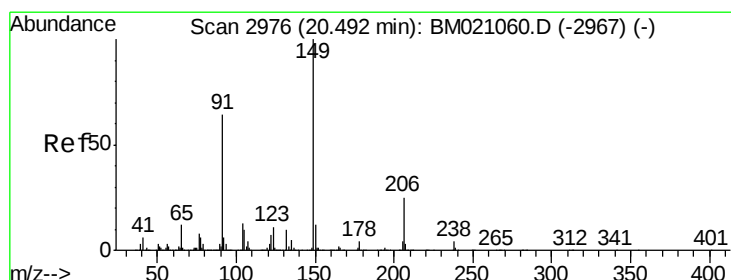
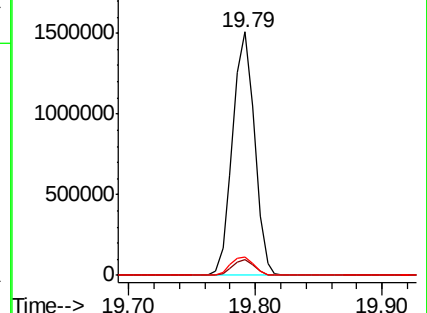
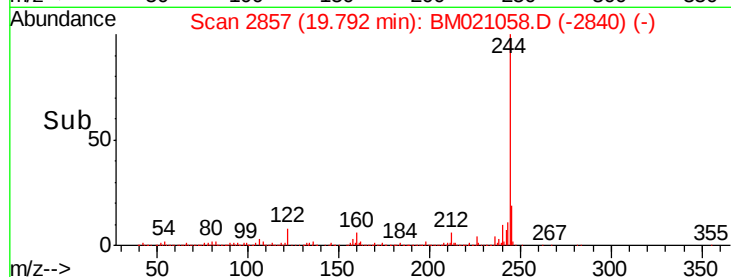
122 7.8 6.6 9.8



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: 8.585 ng

RT: 20.49 min Scan# 2975

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

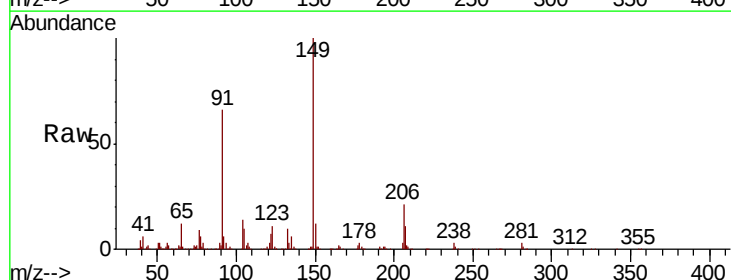
Tgt Ion:149 Resp: 451771

Ion Ratio Lower Upper

149 100

91 65.9 50.9 76.3

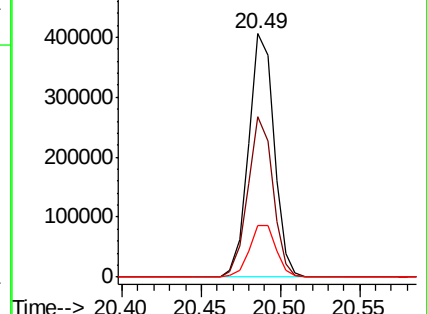
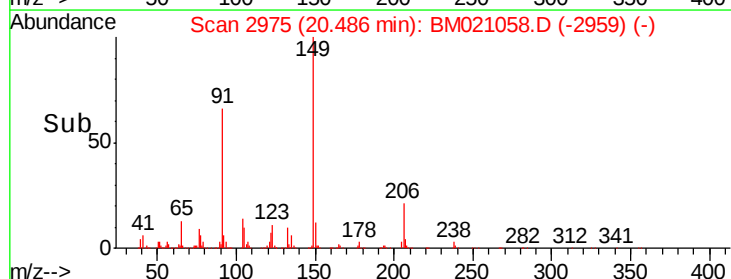
206 21.2 19.7 29.5

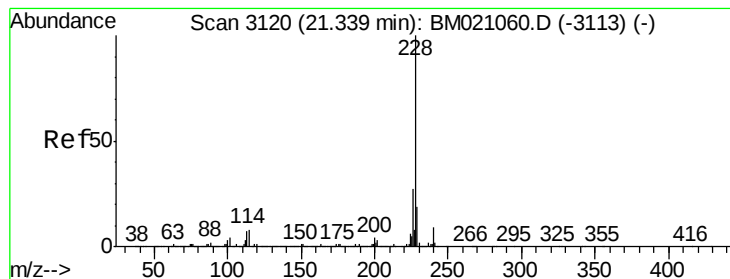


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.176 ng

RT: 21.33 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

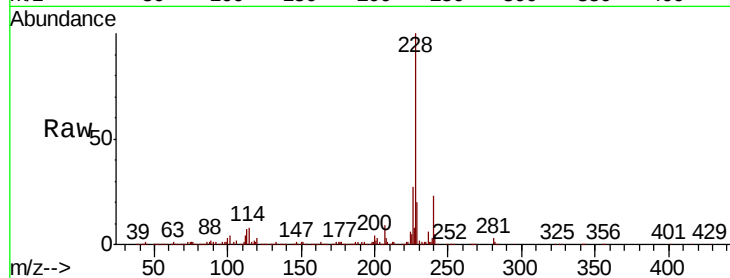
Tot Ion:228 Resp: 1149872

Ion Ratio Lower Upper

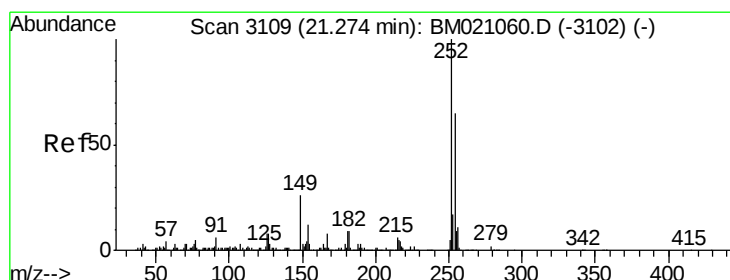
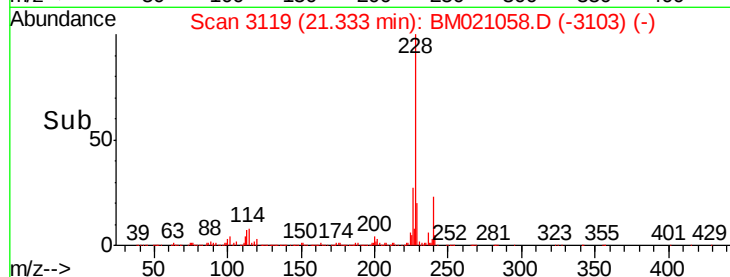
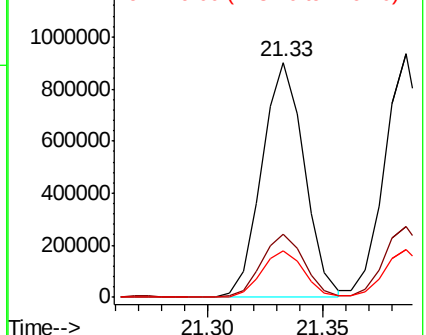
228 100

226 26.7 21.6 32.4

229 19.6 15.5 23.3



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



#82

3,3'-Dichlorobenzidine

Concen: 10.346 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

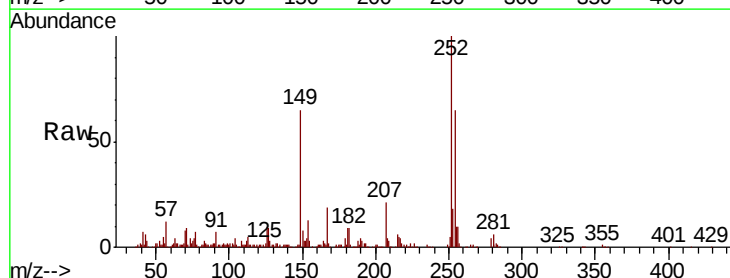
Tgt Ion:252 Resp: 428128

Ion Ratio Lower Upper

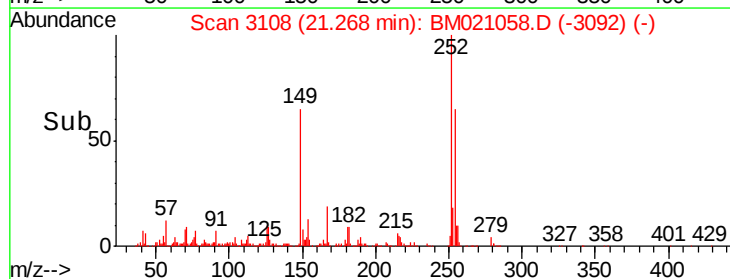
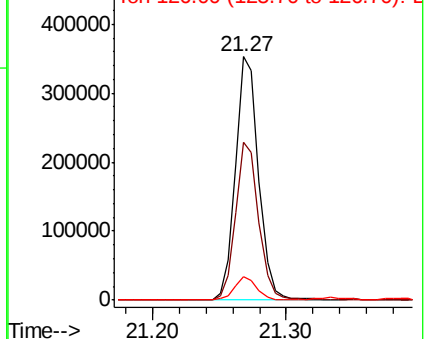
252 100

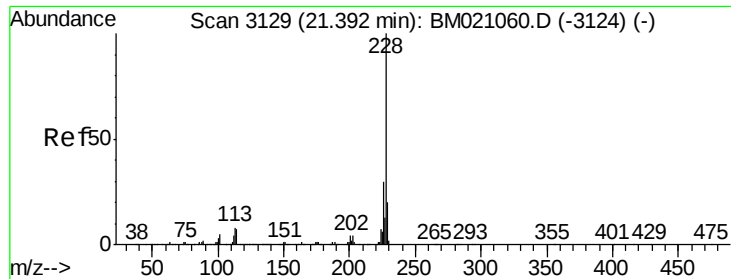
254 64.8 51.7 77.5

126 9.5 6.6 9.8



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





#83

Chrysene

Concen: 10.425 ng

RT: 21.39 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

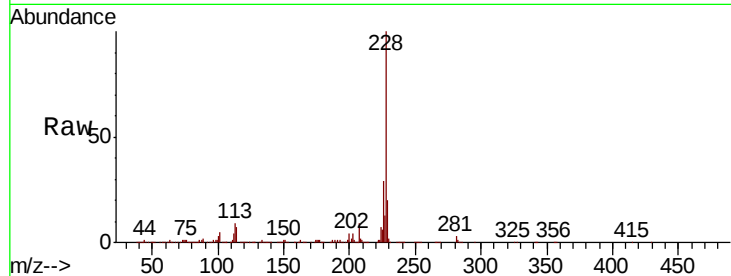
Tot Ion:228 Resp: 1119834

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.3  | 24.1  | 36.1  |
| 229 | 19.8  | 15.6  | 23.4  |

228 100

226 29.3 24.1 36.1

229 19.8 15.6 23.4

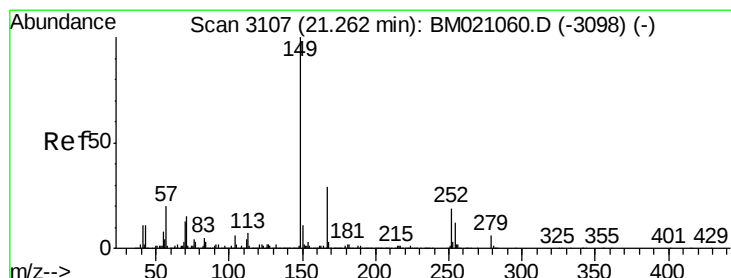
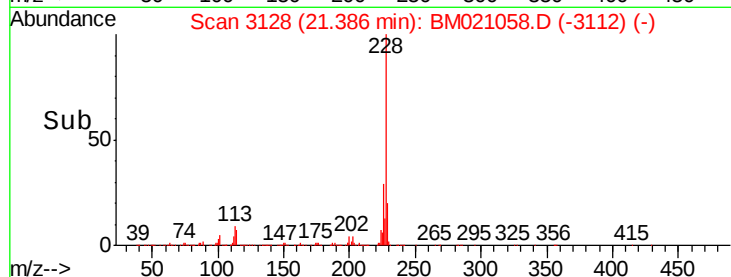
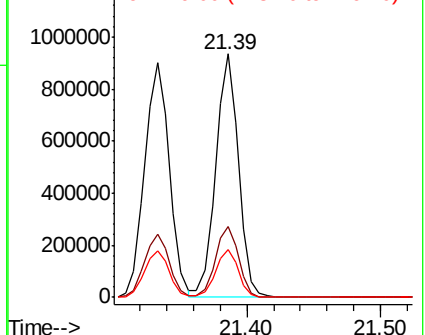


Abundance

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: 8.256 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

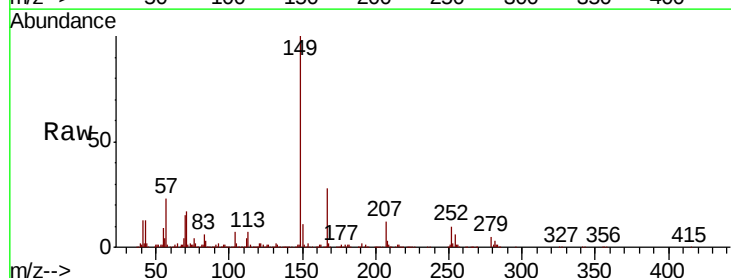
Tgt Ion:149 Resp: 631449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.5  | 23.0  | 34.4  |
| 279 | 4.5   | 4.6   | 7.0   |

149 100

167 27.5 23.0 34.4

279 4.5 4.6 7.0

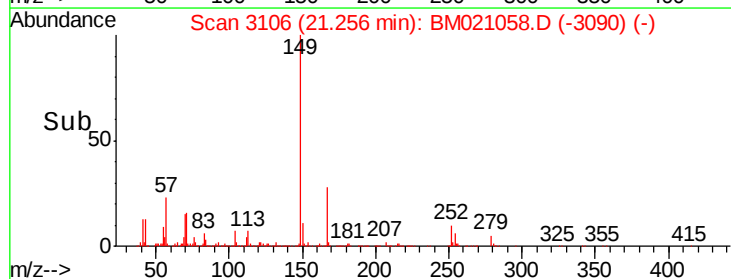
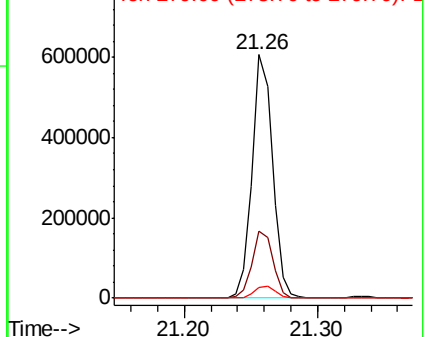


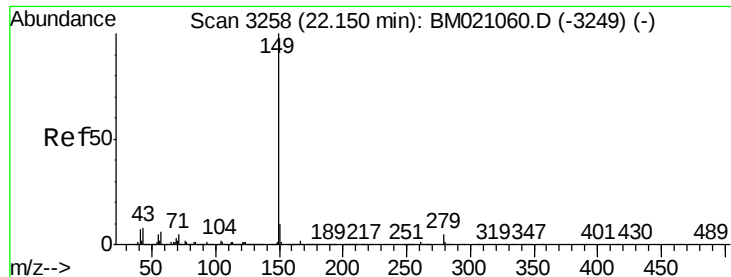
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 8.173 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

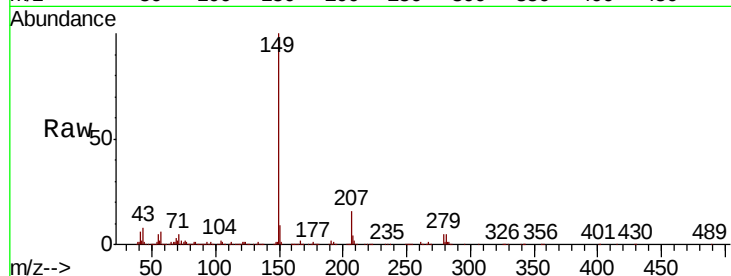
Tot Ion:149 Resp: 992343

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

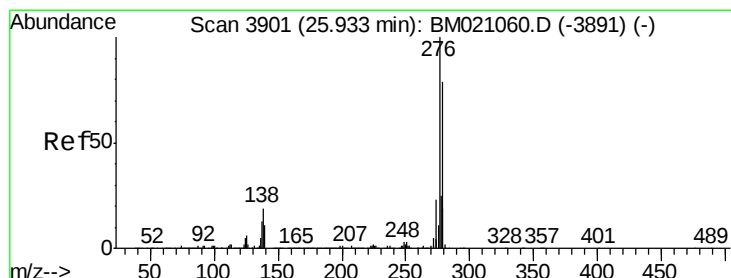
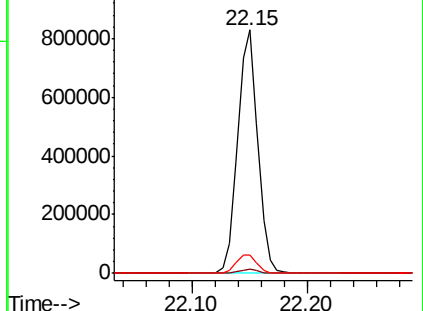
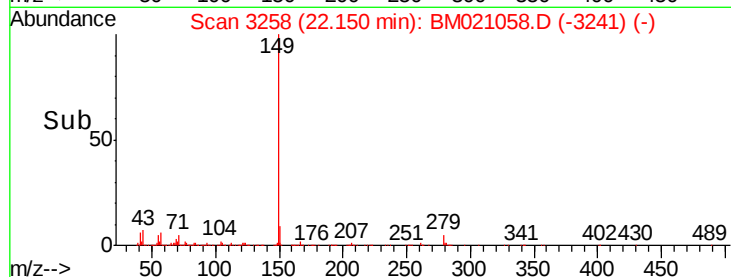
43 7.9 6.2 9.2



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: 10.244 ng

RT: 25.92 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

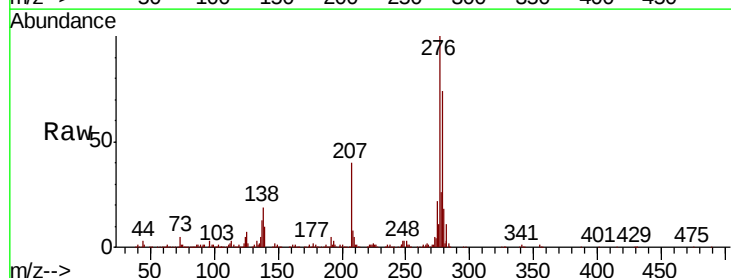
Tgt Ion:276 Resp: 1125704

Ion Ratio Lower Upper

276 100

138 19.6 15.4 23.0

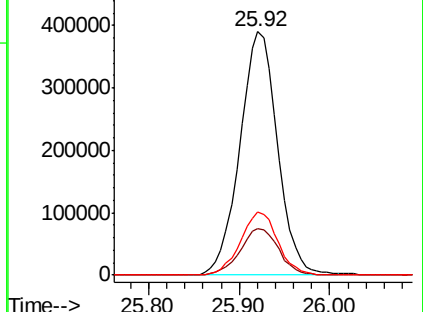
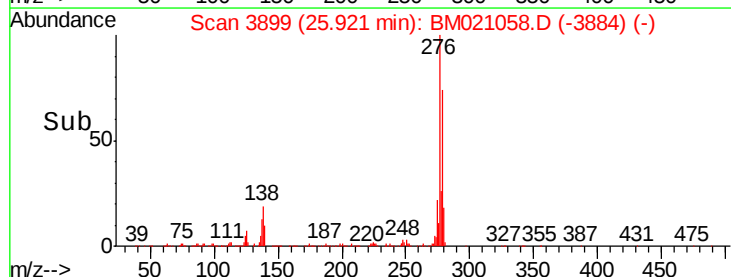
277 25.7 20.4 30.6

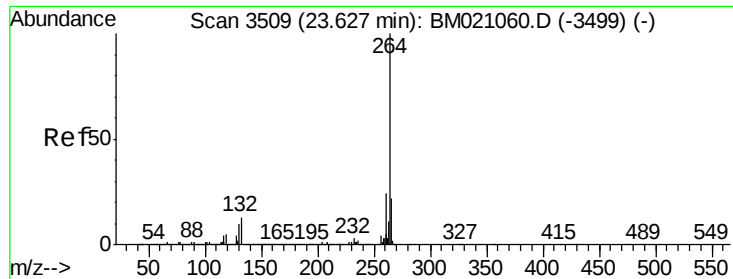


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

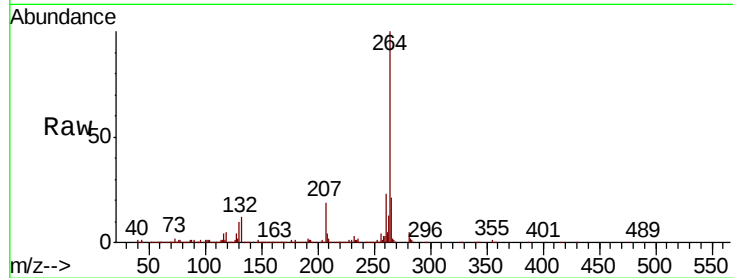
Instrument :

BNA\_M

ClientSampled :

Tot Ion:264 Resp: 1613075

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 19.0  | 28.4  |
| 265 | 21.4  | 17.7  | 26.5  |

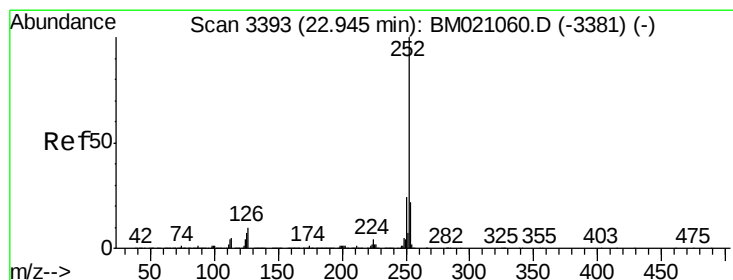
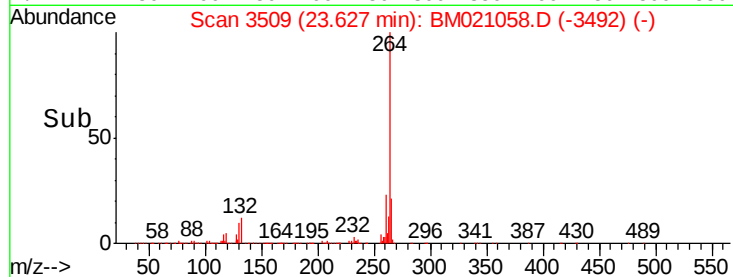
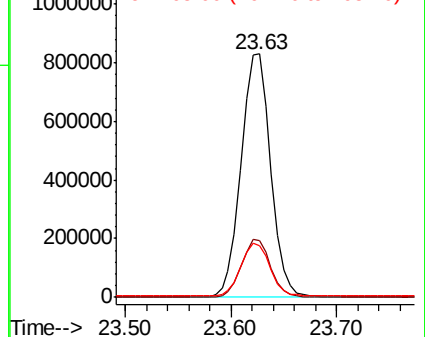


Abundance

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: 10.551 ng

RT: 22.94 min Scan# 3392

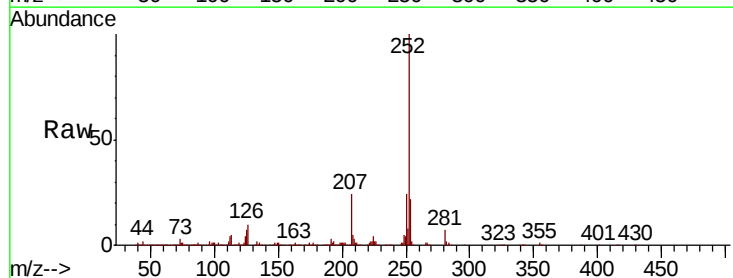
Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Tgt Ion:252 Resp: 1124865

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.0  | 17.4  | 26.0  |
| 125 | 7.5   | 5.9   | 8.9   |

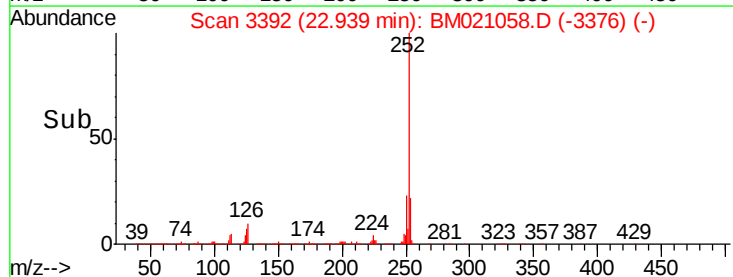
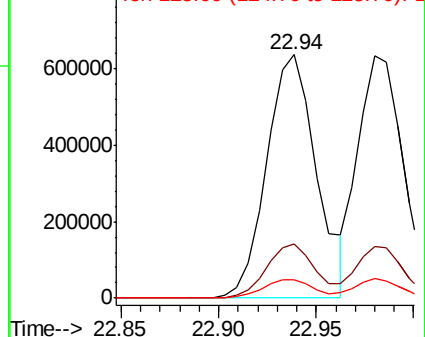


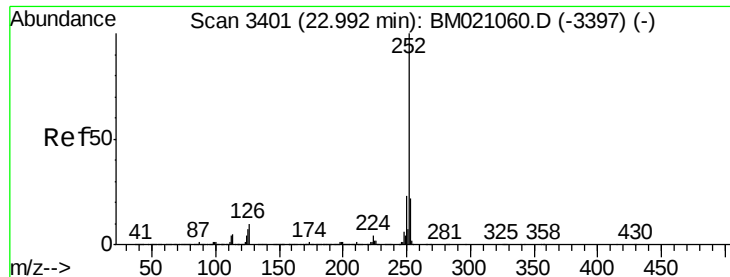
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 9.795 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

Instrument :

BNA\_M

ClientSampleId :

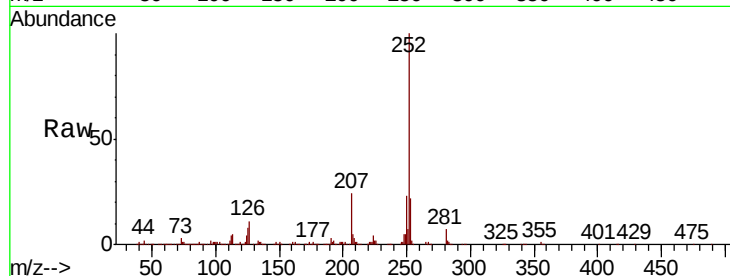
Tot Ion:252 Resp: 1020548

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

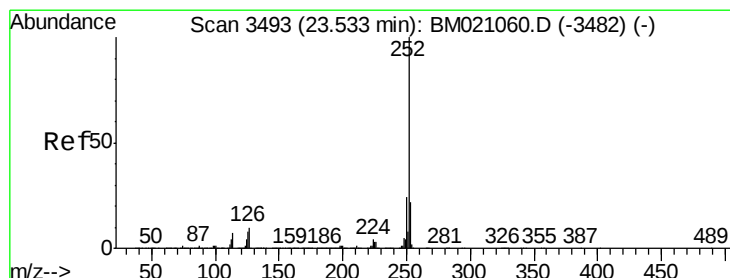
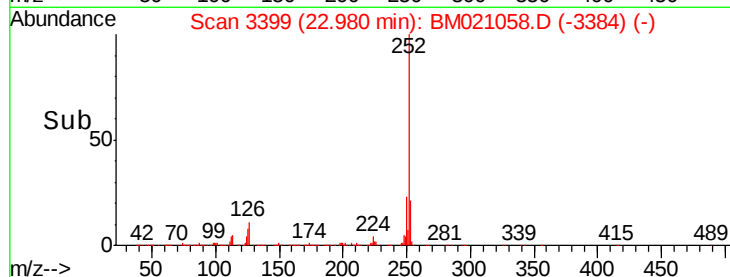
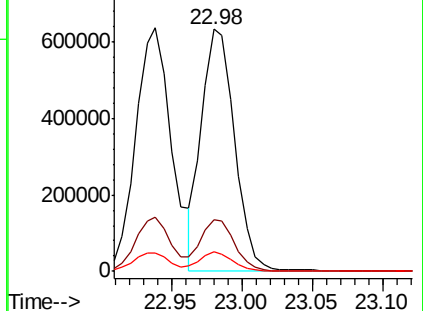
125 8.0 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 9.931 ng

RT: 23.52 min Scan# 3491

Delta R.T. -0.01 min

Lab File: BM021058.D

Acq: 20 Jun 2019 10:12

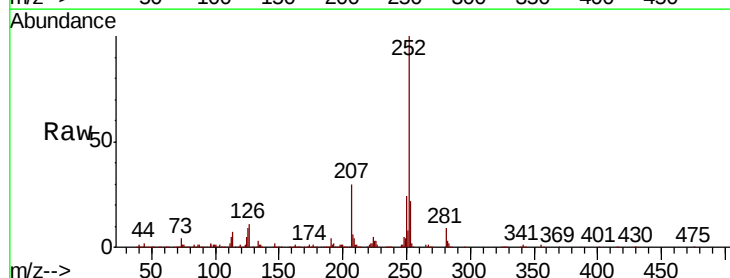
Tgt Ion:252 Resp: 960422

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

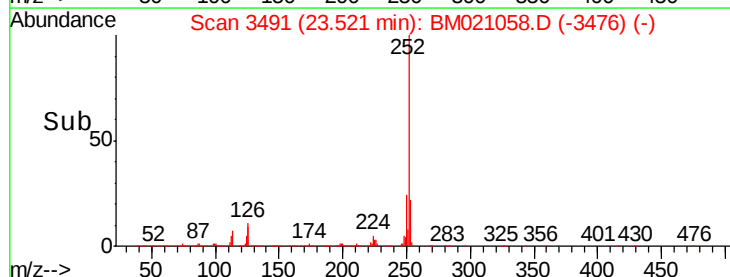
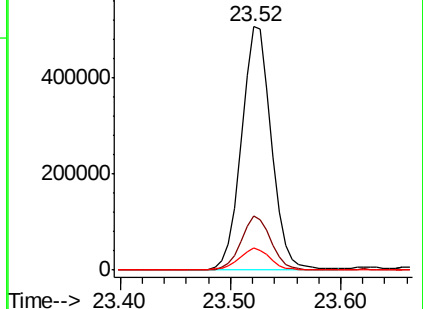
125 9.1 6.6 10.0

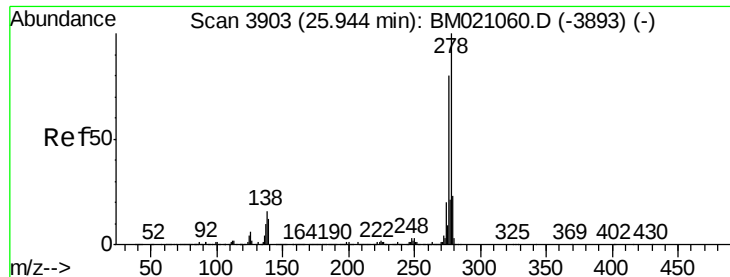


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

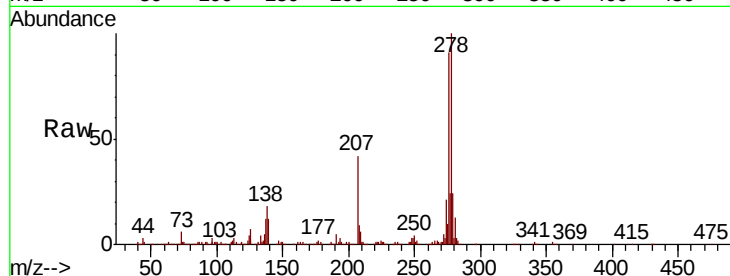




#91  
Dibenzo(a,h)anthracene  
Concen: 10.103 ng  
RT: 25.93 min Scan# 3901  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

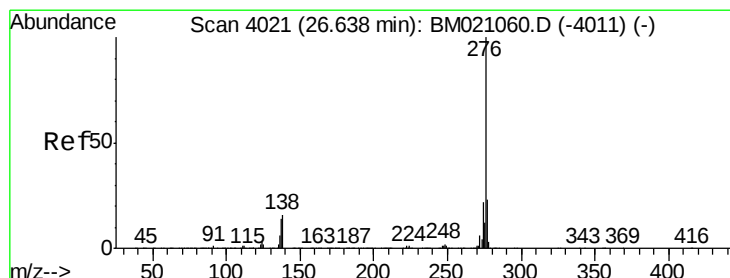
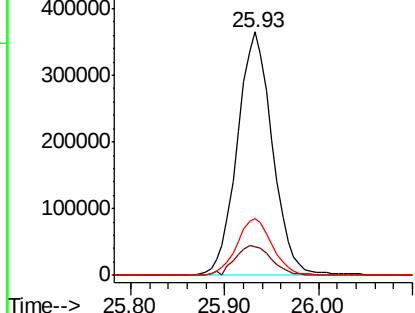
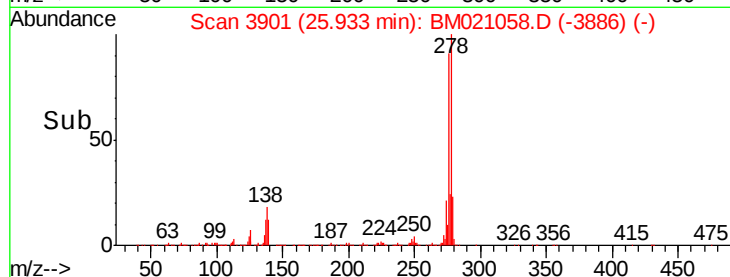
Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:278 Resp: 947878  
Ion Ratio Lower Upper  
278 100  
139 11.8 9.8 14.8  
279 23.6 18.7 28.1



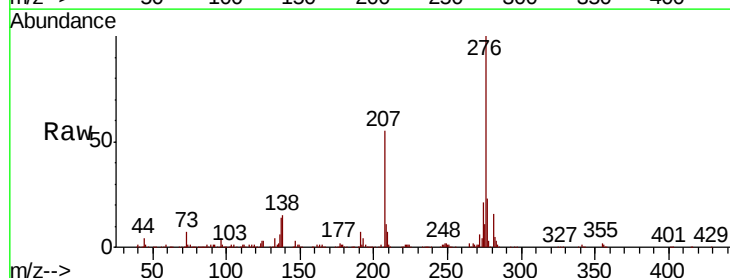
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E

25.93



#92  
Benzo(g,h,i)perylene  
Concen: 10.097 ng  
RT: 26.63 min Scan# 4019  
Delta R.T. -0.01 min  
Lab File: BM021058.D  
Acq: 20 Jun 2019 10:12

Tgt Ion:276 Resp: 879873  
Ion Ratio Lower Upper  
276 100  
277 23.4 18.8 28.2  
138 15.4 13.1 19.7



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

26.63

