

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\  
 Data File : BM020170.D  
 Acq On : 07 May 2019 18:14  
 Operator : JU/SJ  
 Sample : PB119485BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

Quant Time: May 08 02:09:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 153811   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.59 | 136  | 578958   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.43 | 164  | 337109   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.18 | 188  | 757821   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.36 | 240  | 774542   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.65 | 264  | 743148   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.38  | 112 | 1314787 | 139.73 | ng | 0.00 |
| 7) Phenol-d6             | 6.96  | 99  | 1774368 | 138.03 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 8.96  | 82  | 1096207 | 74.75  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.93 | 330 | 722600  | 138.10 | ng | 0.01 |
| 45) 2-Fluorobiphenyl     | 13.05 | 172 | 2085676 | 76.12  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.80 | 244 | 3174905 | 71.50  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 146312  | 31.703 | ng | 95     |
| 3) Pyridine                    | 3.70  | 79  | 367243  | 31.114 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.62  | 42  | 138867  | 36.690 | ng | # 77   |
| 6) Aniline                     | 7.12  | 93  | 447551  | 27.657 | ng | 98     |
| 8) 2-Chlorophenol              | 7.36  | 128 | 404438  | 39.474 | ng | 98     |
| 9) Benzaldehyde                | 6.94  | 77  | 130350  | 13.397 | ng | 96     |
| 10) Phenol                     | 6.99  | 94  | 544462  | 39.343 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.22  | 93  | 410111  | 40.773 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.67  | 146 | 432521  | 36.283 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.83  | 146 | 440673  | 36.593 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.14  | 146 | 425993  | 37.130 | ng | 97     |
| 15) Benzyl Alcohol             | 8.03  | 79  | 465608  | 37.562 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.32  | 45  | 302147  | 36.227 | ng | 97     |
| 17) 2-Methylphenol             | 8.23  | 107 | 355044  | 39.854 | ng | 96     |
| 18) Hexachloroethane           | 8.86  | 117 | 179960  | 35.840 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.60  | 70  | 394817  | 35.898 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.56  | 107 | 468778  | 39.593 | ng | 97     |
| 22) Acetophenone               | 8.62  | 105 | 632399  | 39.967 | ng | # 96   |
| 24) Nitrobenzene               | 9.00  | 77  | 567813  | 37.345 | ng | 96     |
| 25) Isophorone                 | 9.52  | 82  | 975574  | 38.577 | ng | 98     |
| 26) 2-Nitrophenol              | 9.70  | 139 | 218941  | 47.696 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.76  | 122 | 355196  | 46.478 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.00 | 93  | 544152  | 39.508 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.23 | 162 | 398447  | 41.348 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.45 | 180 | 467814  | 39.454 | ng | 96     |
| 31) Naphthalene                | 10.63 | 128 | 1171418 | 38.990 | ng | 99     |
| 32) Benzoic acid               | 9.90  | 122 | 241774  | 44.952 | ng | 93     |
| 33) 4-Chloroaniline            | 10.75 | 127 | 287858  | 23.278 | ng | 95     |
| 34) Hexachlorobutadiene        | 10.90 | 225 | 312036  | 37.201 | ng | 94     |
| 35) Caprolactam                | 11.56 | 113 | 89294   | 30.989 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.87 | 107 | 425691  | 37.591 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.25 | 142 | 877281  | 40.052 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.47 | 142 | 817618  | 38.174 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.62 | 216 | 545796  | 41.383 | ng | 99     |

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 Sample : PB119485BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

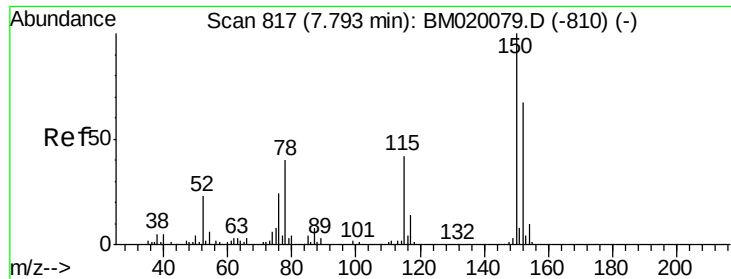
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

Quant Time: May 08 02:09:53 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:58:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.58 | 237  | 446636   | 57.514 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.86 | 196  | 343286   | 45.798 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.93 | 196  | 356637   | 42.590 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.26 | 154  | 1113464  | 40.129 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.31 | 162  | 884457   | 39.923 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.52 | 65   | 313194   | 39.709 | ng    | 96       |
| 49) Acenaphthylene             | 14.16 | 152  | 1328891  | 37.481 | ng    | 98       |
| 50) Dimethylphthalate          | 13.89 | 163  | 1080283  | 37.704 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.02 | 165  | 240983   | 39.933 | ng    | 91       |
| 52) Acenaphthene               | 14.50 | 154  | 789426   | 38.827 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.36 | 138  | 167988   | 29.993 | ng    | 96       |
| 54) 2,4-Dinitrophenol          | 14.56 | 184  | 264162   | 86.609 | ng    | 95       |
| 55) Dibenzofuran               | 14.83 | 168  | 1294639  | 37.750 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.66 | 139  | 365033   | 76.387 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 14.81 | 165  | 325377   | 39.680 | ng    | 93       |
| 58) Fluorene                   | 15.49 | 166  | 1038463  | 36.870 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.06 | 232  | 329577   | 41.417 | ng    | 96       |
| 60) Diethylphthalate           | 15.26 | 149  | 1072540  | 37.156 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.47 | 204  | 598330   | 37.492 | ng    | 96       |
| 62) 4-Nitroaniline             | 15.52 | 138  | 213955   | 34.615 | ng    | 94       |
| 63) Azobenzene                 | 15.77 | 77   | 1164493  | 34.195 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.57 | 198  | 169797   | 44.943 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.70 | 169  | 896985   | 40.225 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.37 | 248  | 366489   | 39.438 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.48 | 284  | 411611   | 38.491 | ng    | 96       |
| 69) Atrazine                   | 16.64 | 200  | 307511   | 35.287 | ng    | 100      |
| 70) Pentachlorophenol          | 16.83 | 266  | 523312   | 85.530 | ng    | 95       |
| 71) Phenanthrene               | 17.23 | 178  | 1579139  | 37.749 | ng    | 99       |
| 72) Anthracene                 | 17.32 | 178  | 1600329  | 38.263 | ng    | 100      |
| 73) Carbazole                  | 17.59 | 167  | 1393066  | 36.913 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.14 | 149  | 1706294  | 37.569 | ng    | 98       |
| 75) Fluoranthene               | 19.24 | 202  | 1920985  | 36.294 | ng    | 99       |
| 77) Benzidine                  | 19.43 | 184  | 729238   | 29.449 | ng    | 98       |
| 78) Pyrene                     | 19.60 | 202  | 1937667  | 37.261 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.50 | 149  | 755031   | 39.926 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.34 | 228  | 1991495  | 36.663 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 766392   | 36.967 | ng    | 99       |
| 83) Chrysene                   | 21.40 | 228  | 1993345  | 37.839 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.26 | 149  | 1072956  | 36.564 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.15 | 149  | 1960486  | 40.197 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.99 | 276  | 2931492  | 46.783 | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.96 | 252  | 2320049  | 47.277 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.00 | 252  | 2317118  | 51.763 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.55 | 252  | 2313947  | 51.912 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 26.00 | 278  | 2544408  | 54.889 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.71 | 276  | 2464188  | 55.991 | ng    | 98       |

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



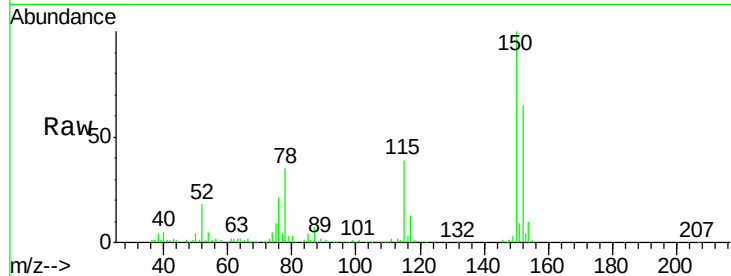


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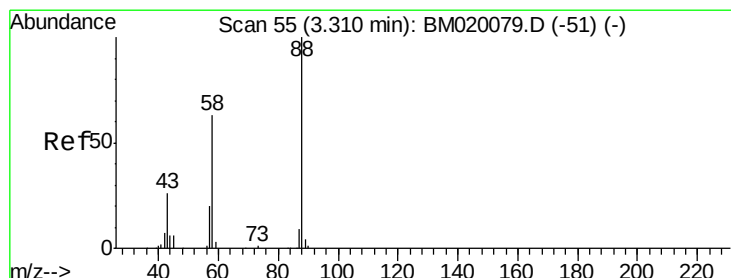
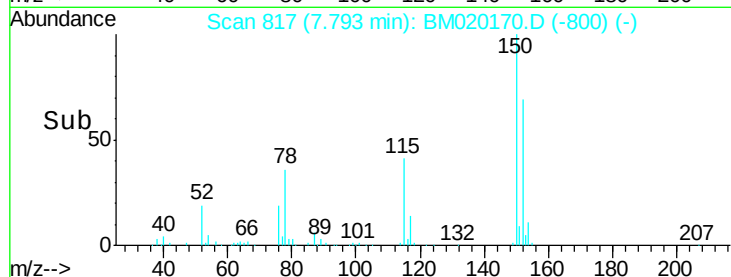
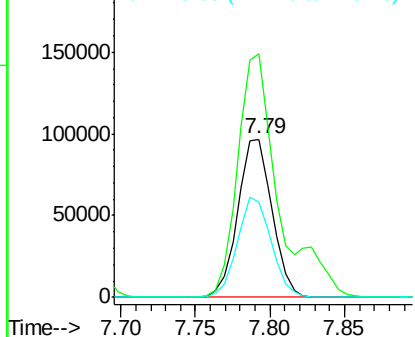
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.79 min Scan# 817  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

Tot Ion:152 Resp: 153811  
Ion Ratio Lower Upper  
152 100  
150 153.9 119.8 179.8  
115 60.2 50.8 76.2



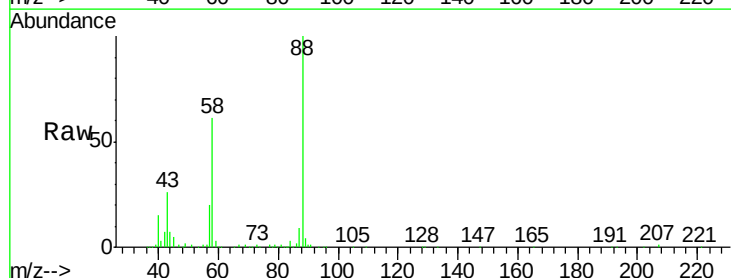
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



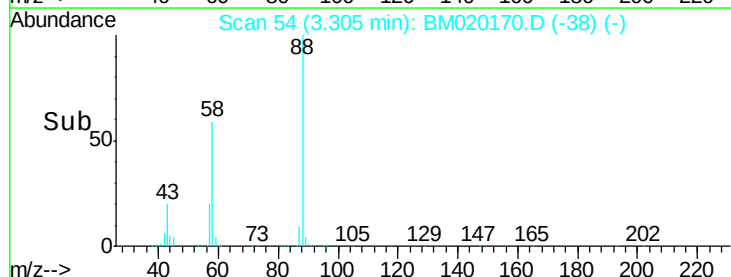
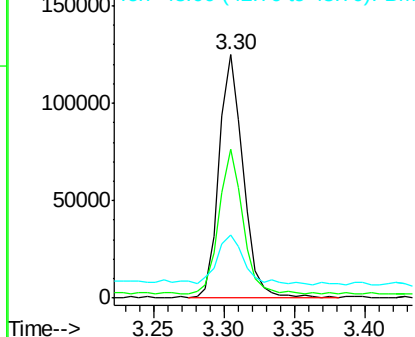
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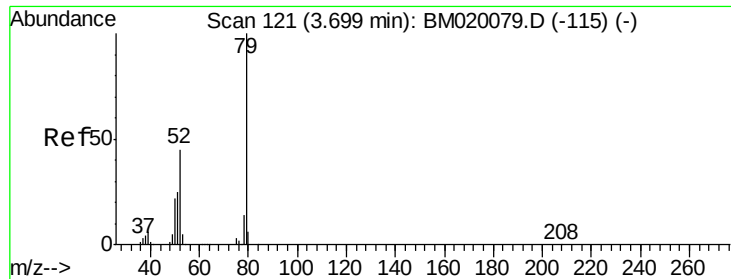
1,4-Dioxane  
Concen: 31.703 ng  
RT: 3.30 min Scan# 54  
Delta R.T. -0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion: 88 Resp: 146312  
Ion Ratio Lower Upper  
88 100  
58 59.6 51.8 77.6  
43 24.1 20.3 30.5



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: 31.114 ng

RT: 3.70 min Scan# 121

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

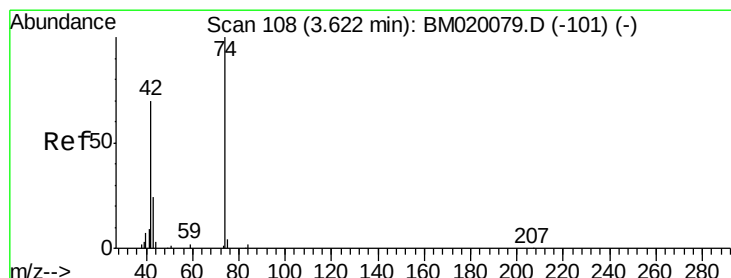
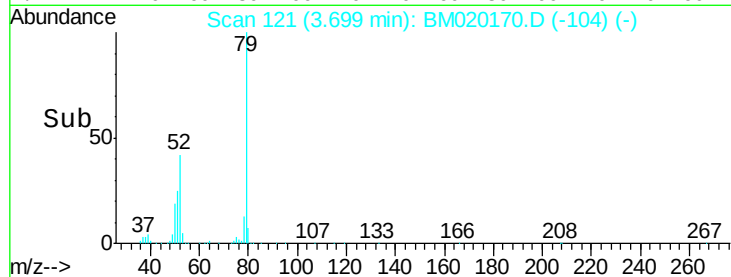
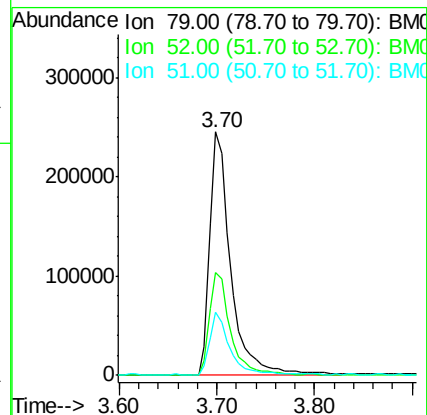
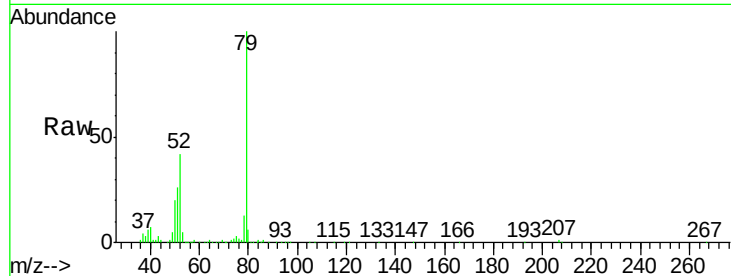
Tot Ion: 79 Resp: 367243

Ion Ratio Lower Upper

79 100

52 42.2 35.7 53.5

51 25.8 20.8 31.2



#4

n-Nitrosodimethylamine

Concen: 36.690 ng

RT: 3.62 min Scan# 107

Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

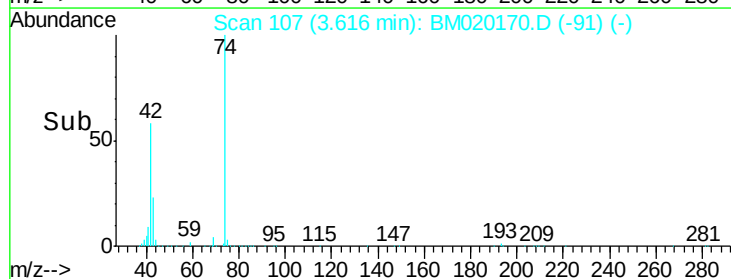
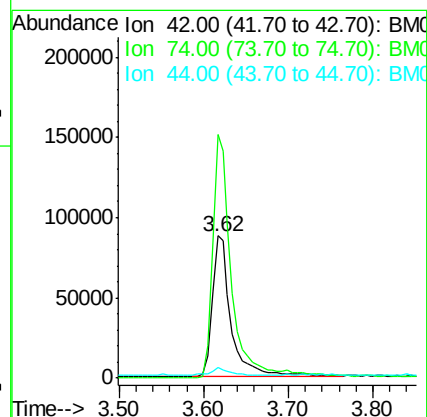
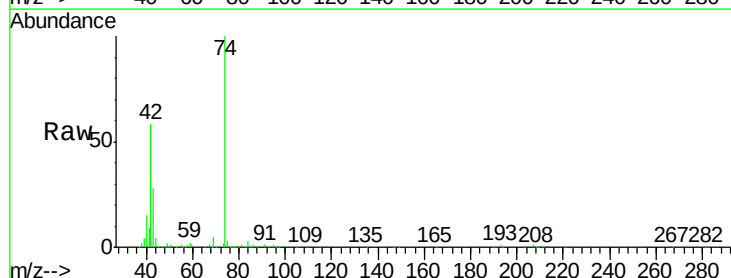
Tgt Ion: 42 Resp: 138867

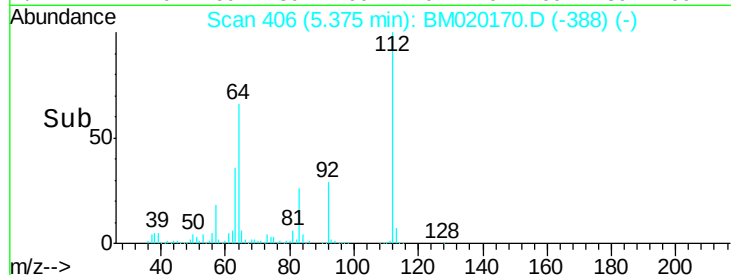
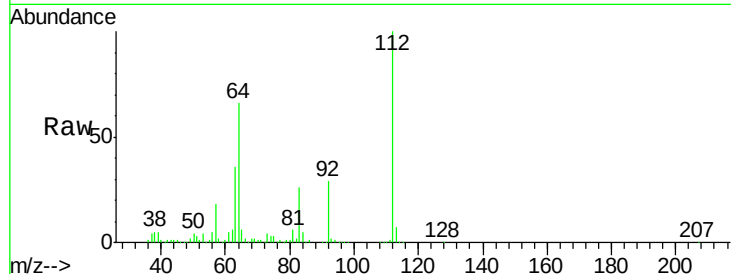
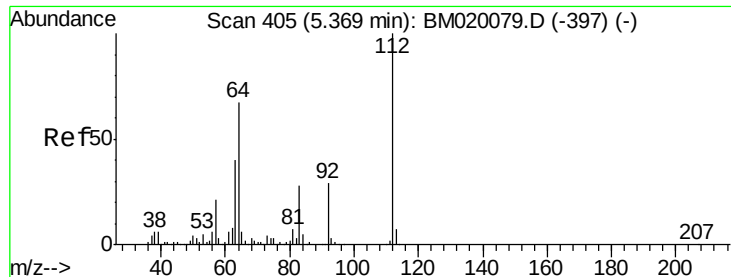
Ion Ratio Lower Upper

42 100

74 171.1 113.7 170.5#

44 7.5 3.9 5.9#





#5

2-Fluorophenol

Concen: 139.726 ng

RT: 5.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

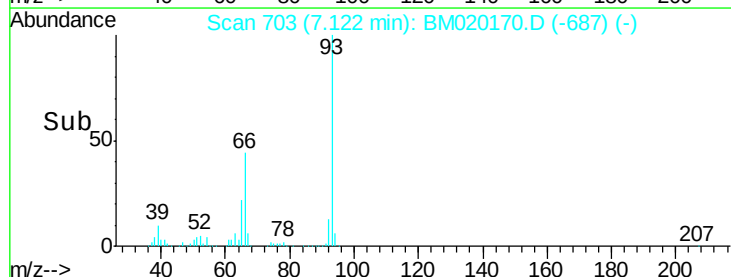
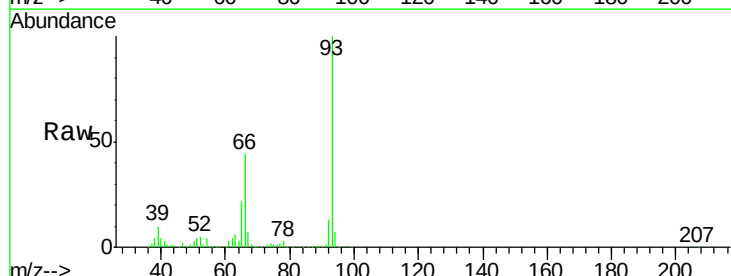
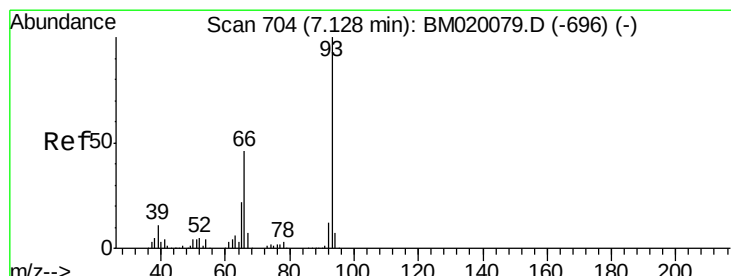
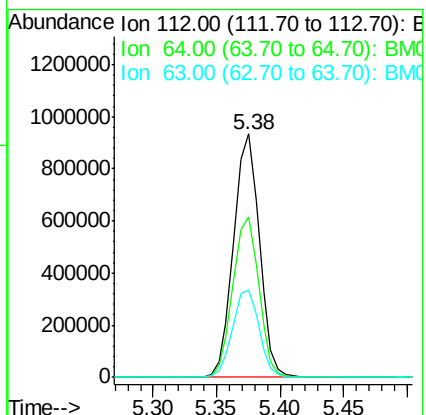
Tot Ion:112 Resp: 1314787

Ion Ratio Lower Upper

112 100

64 65.7 53.8 80.6

63 35.7 32.3 48.5



#6

Aniline

Concen: 27.657 ng

RT: 7.12 min Scan# 703

Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

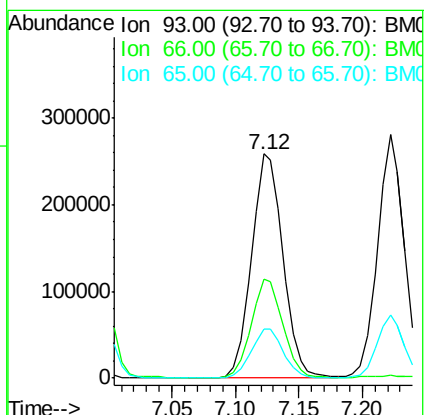
Tgt Ion: 93 Resp: 447551

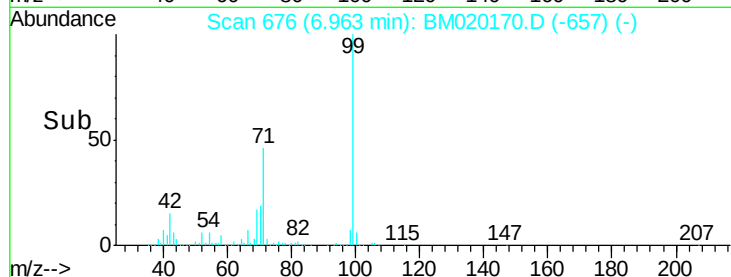
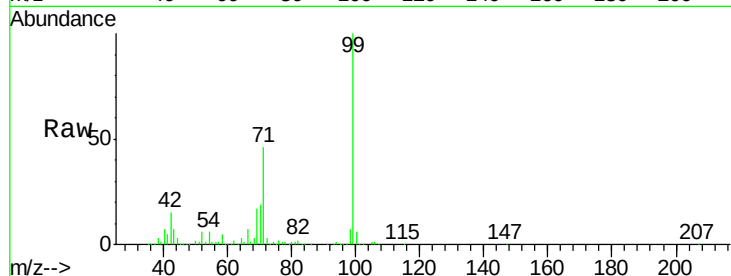
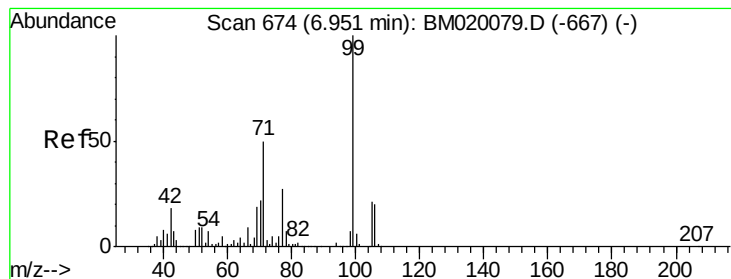
Ion Ratio Lower Upper

93 100

66 44.4 36.6 54.8

65 21.8 17.8 26.6





#7

Phenol-d6

Concen: 138.029 ng

RT: 6.96 min Scan# 676

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

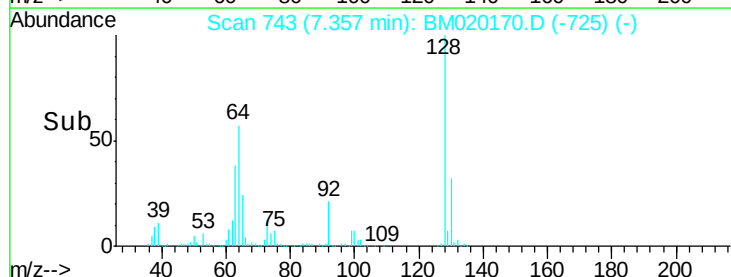
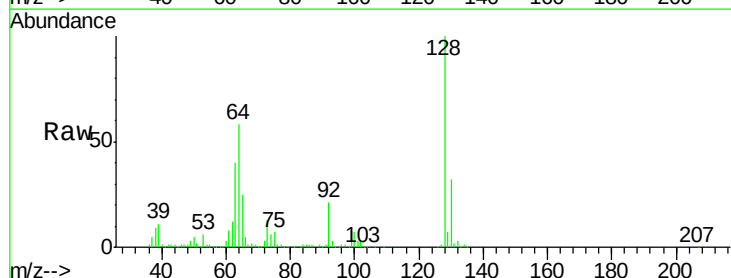
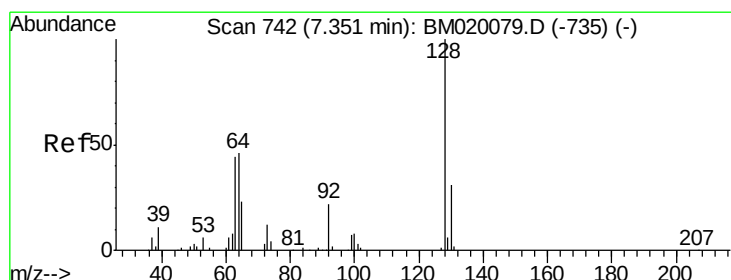
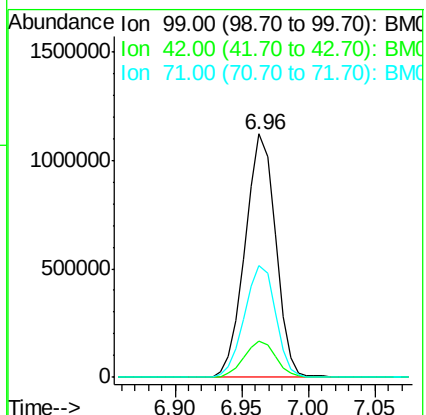
Tot Ion: 99 Resp: 1774368

Ion Ratio Lower Upper

99 100

42 14.7 14.2 21.2

71 46.0 40.3 60.5



#8

2-Chlorophenol

Concen: 39.474 ng

RT: 7.36 min Scan# 743

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

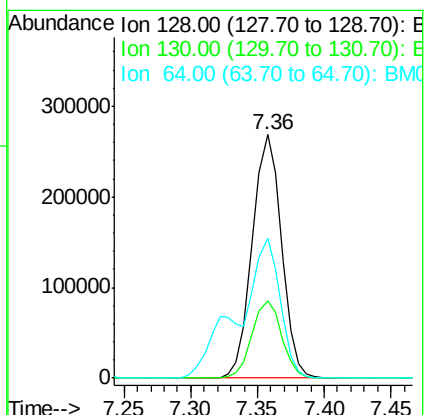
Tgt Ion: 128 Resp: 404438

Ion Ratio Lower Upper

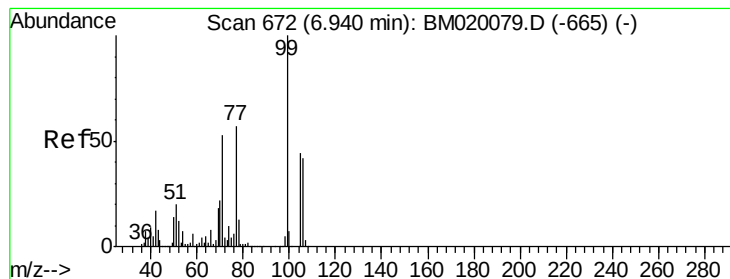
128 100

130 31.7 10.8 50.8

64 57.6 36.5 76.5







#9

Benzaldehyde

Concen: 13.397 ng

RT: 6.94 min Scan# 672

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

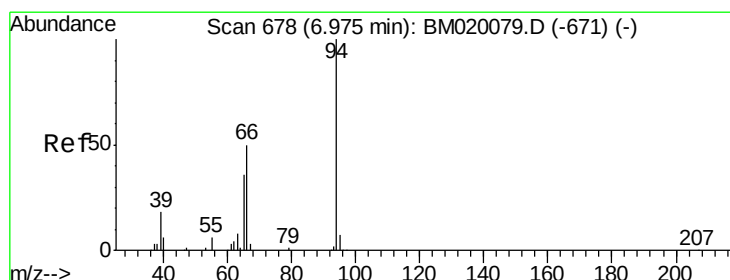
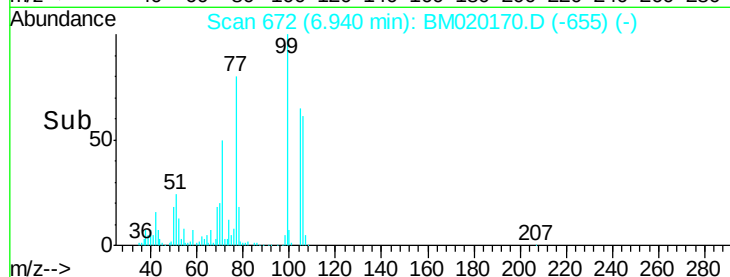
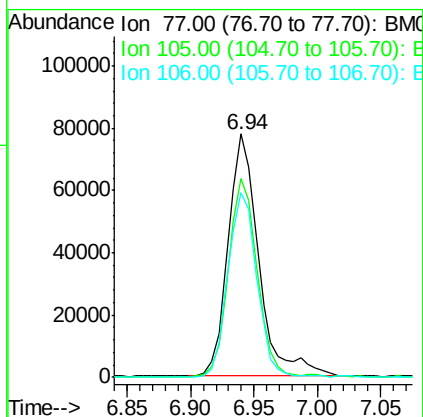
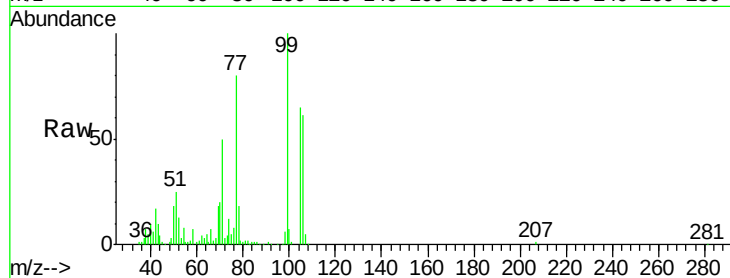
Tot Ion: 77 Resp: 130350

Ion Ratio Lower Upper

77 100

105 81.6 57.8 97.8

106 75.8 53.6 93.6



#10

Phenol

Concen: 39.343 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.02 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

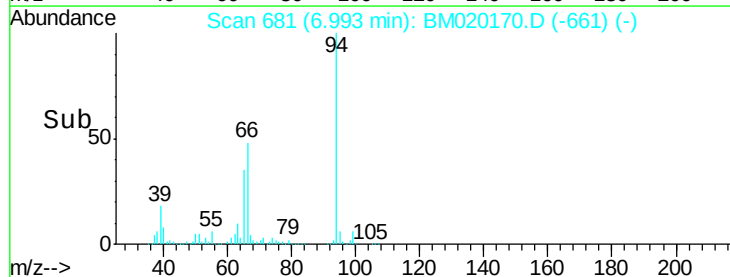
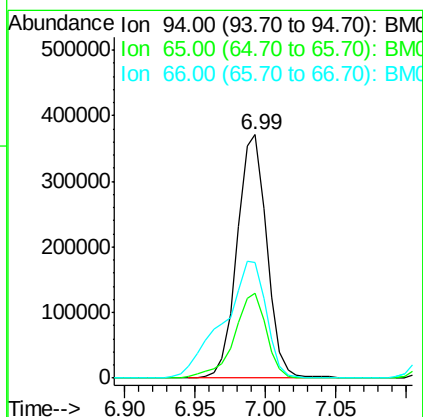
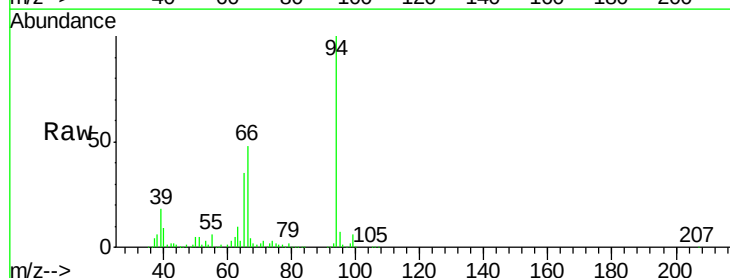
Tgt Ion: 94 Resp: 544462

Ion Ratio Lower Upper

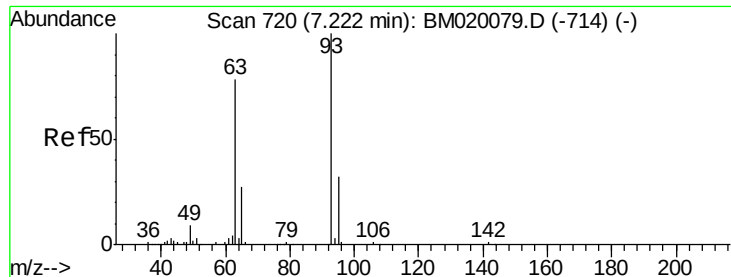
94 100

65 34.8 17.0 57.0

66 47.6 34.5 74.5



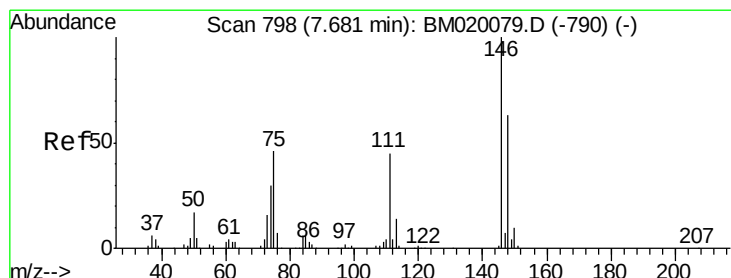
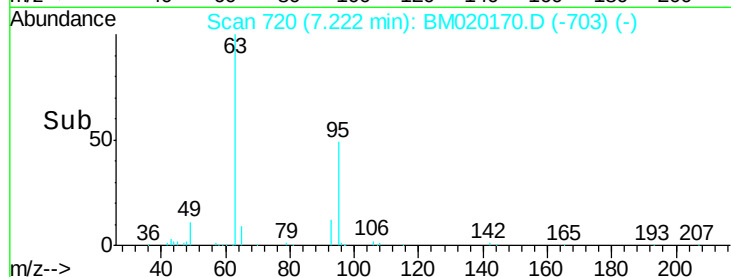
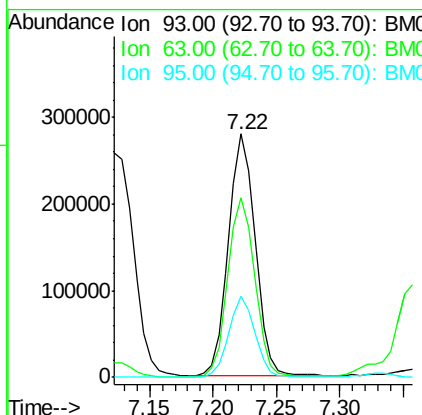
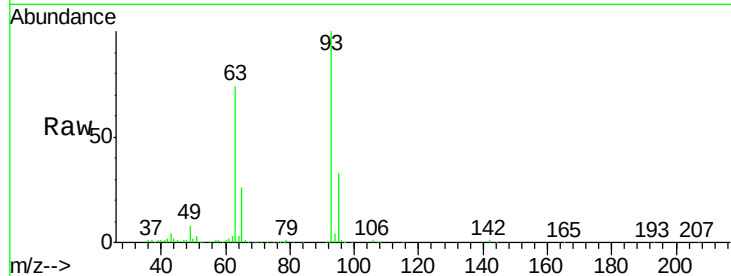




#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.773 ng  
 RT: 7.22 min Scan# 720  
 Delta R.T. 0.00 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

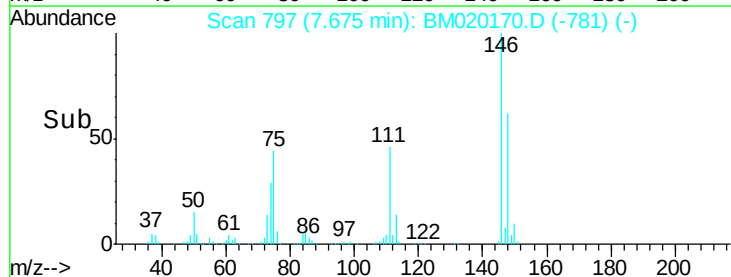
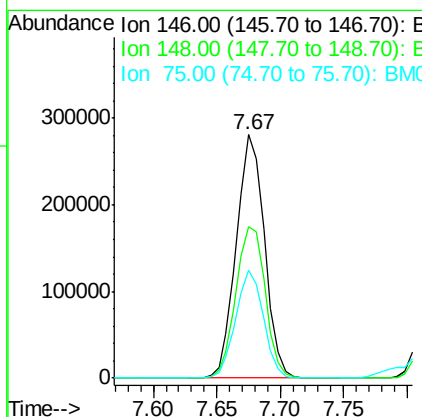
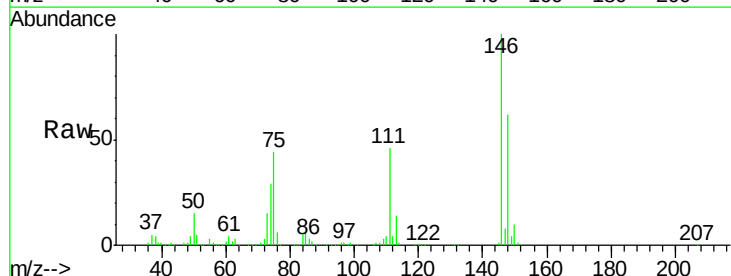
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

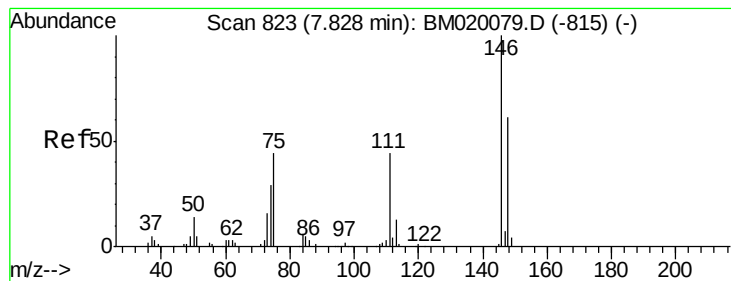
Tot Ion: 93 Resp: 410111  
 Ion Ratio Lower Upper  
 93 100  
 63 73.6 57.9 97.9  
 95 33.3 11.3 51.3



#12  
 1,3-Dichlorobenzene  
 Concen: 36.283 ng  
 RT: 7.67 min Scan# 797  
 Delta R.T. -0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Tgt Ion: 146 Resp: 432521  
 Ion Ratio Lower Upper  
 146 100  
 148 62.0 50.1 75.1  
 75 44.4 37.2 55.8





#13

1,4-Dichlorobenzene

Concen: 36.593 ng

RT: 7.83 min Scan# 823

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

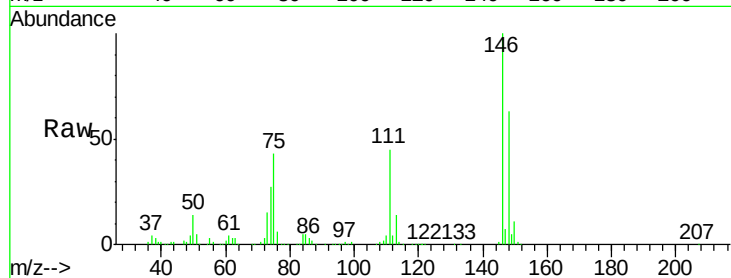
Tot Ion:146 Resp: 440673

Ion Ratio Lower Upper

146 100

148 63.0 48.5 72.7

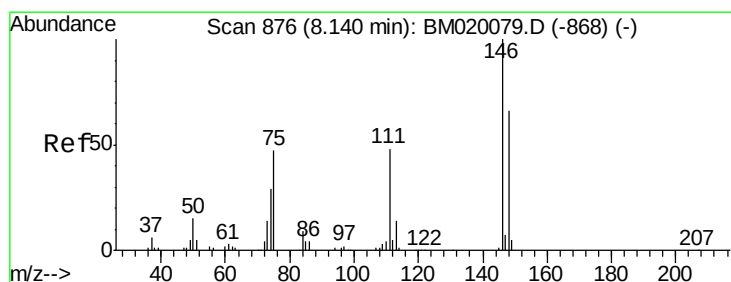
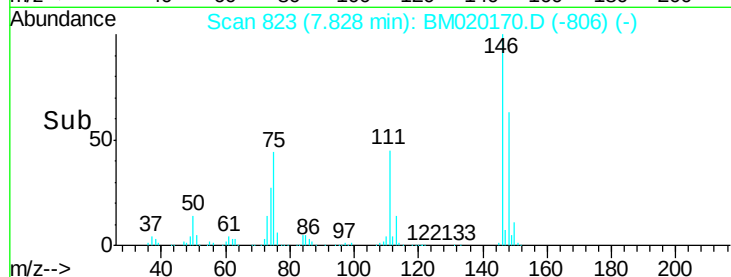
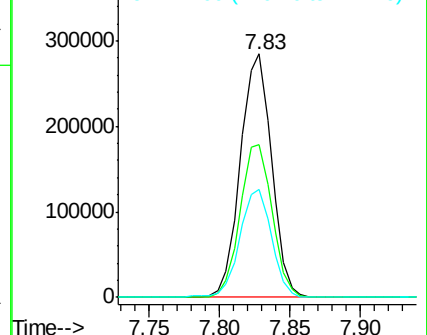
111 44.5 35.7 53.5



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: 37.130 ng

RT: 8.14 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

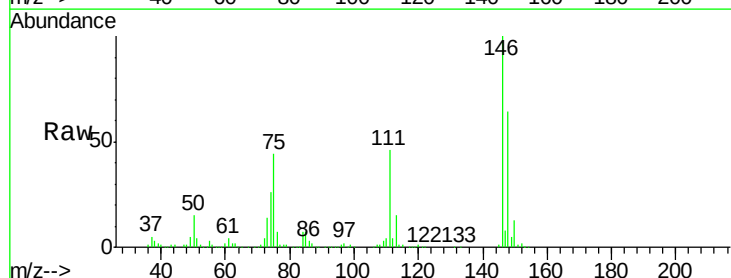
Tgt Ion:146 Resp: 425993

Ion Ratio Lower Upper

146 100

148 63.6 52.6 79.0

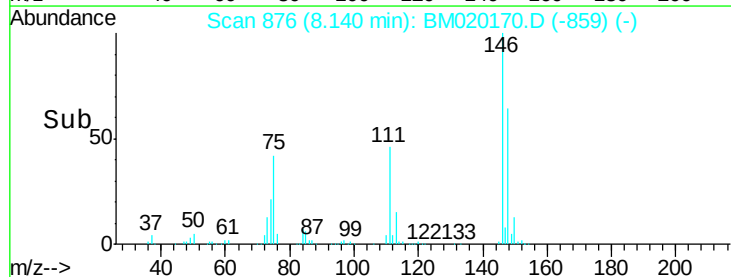
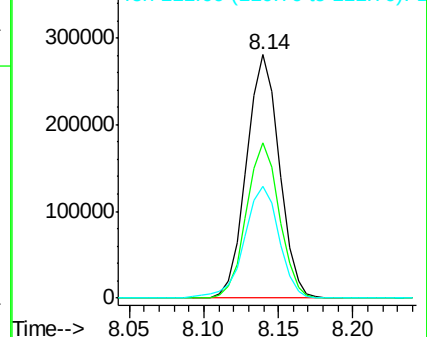
111 46.1 39.0 58.4

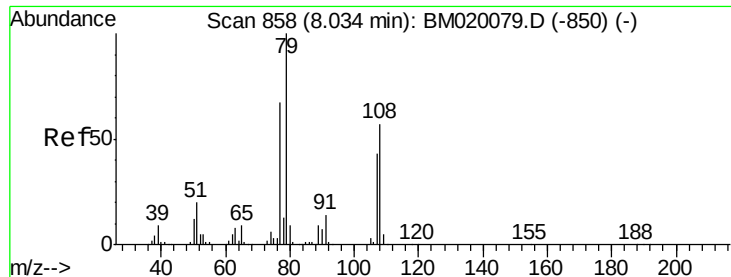


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

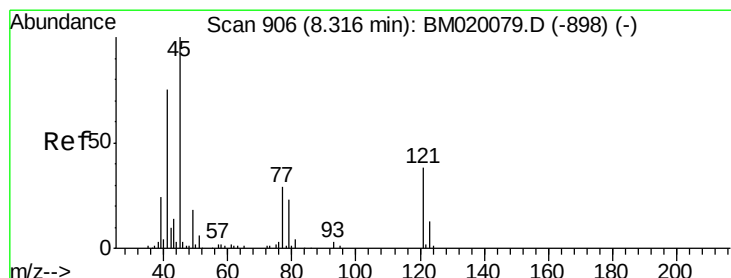
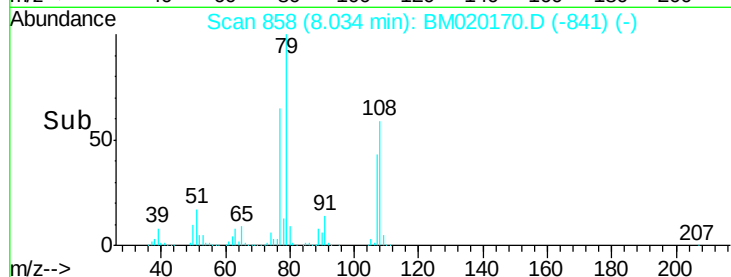
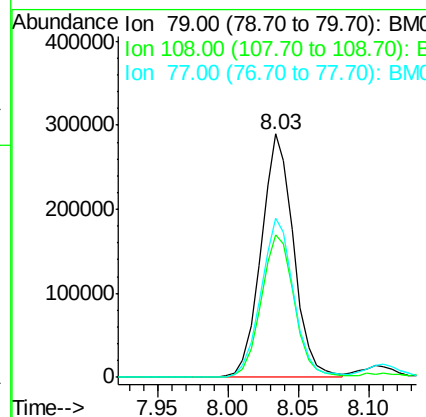
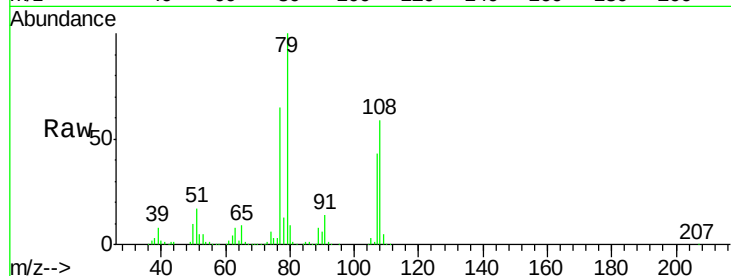




#15  
Benzyl Alcohol  
Concen: 37.562 ng  
RT: 8.03 min Scan# 858  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

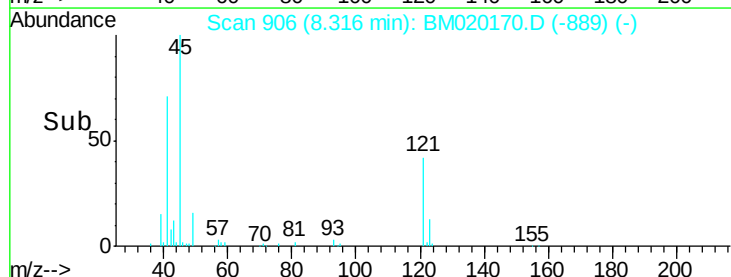
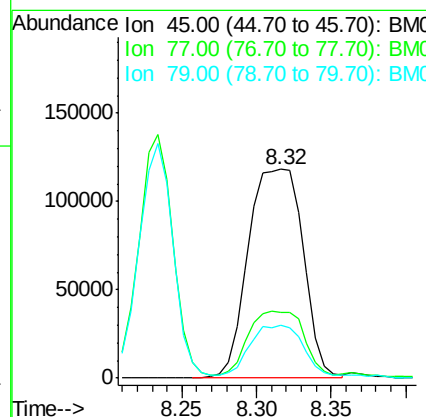
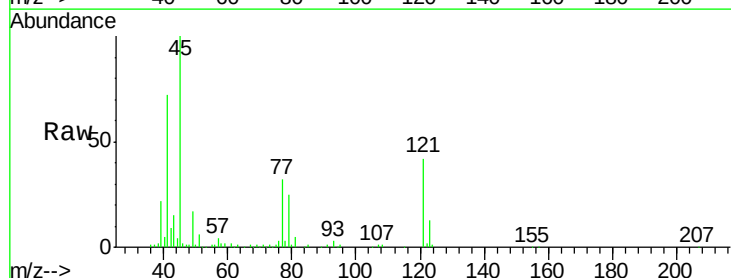
Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

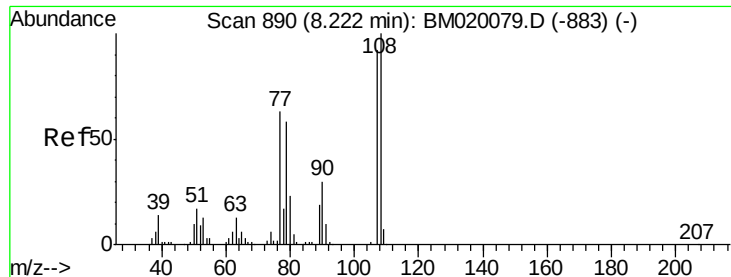
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 58.7  | 46.0  | 69.0  |
| 77      | 65.2  | 53.8  | 80.6  |



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 36.227 ng  
RT: 8.32 min Scan# 906  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 31.6  | 10.5  | 50.5  |
| 79      | 25.1  | 3.3   | 43.3  |

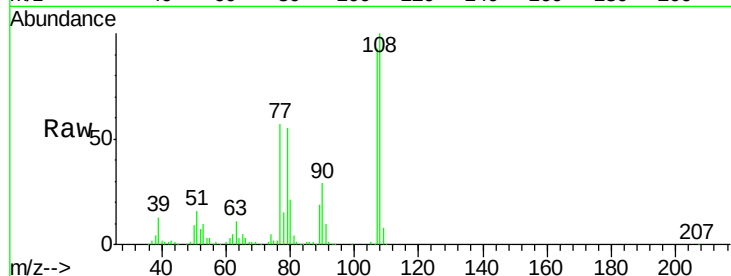




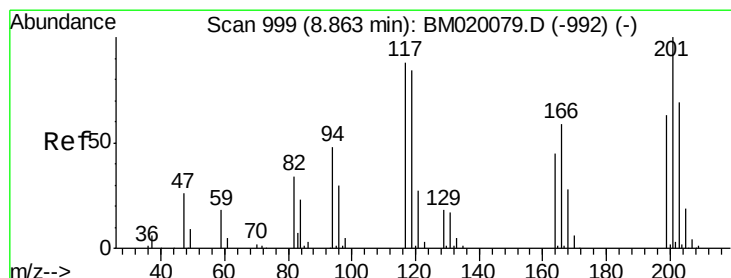
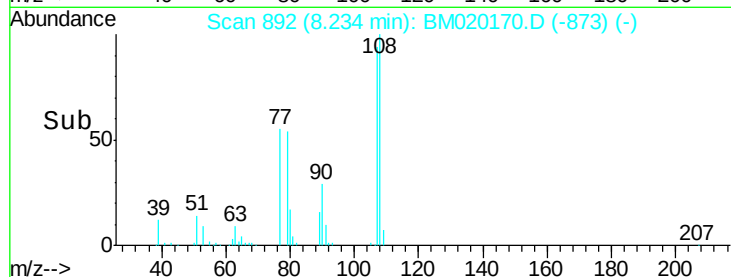
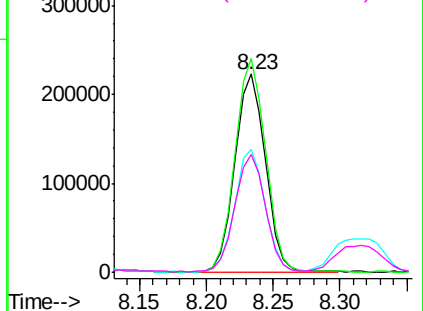
#17  
2-Methylphenol  
Concen: 39.854 ng  
RT: 8.23 min Scan# 892  
Delta R.T. 0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 107.7 | 87.0  | 130.4 |
| 77      | 61.8  | 54.7  | 82.1  |
| 79      | 59.5  | 50.1  | 75.1  |

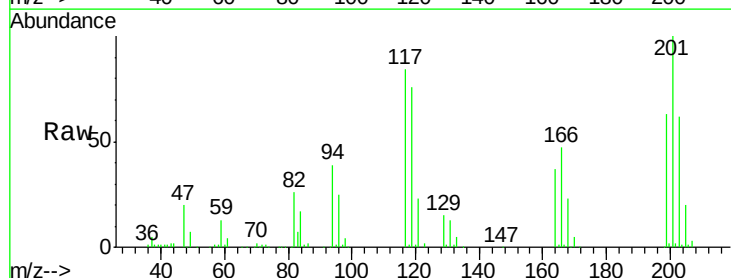


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

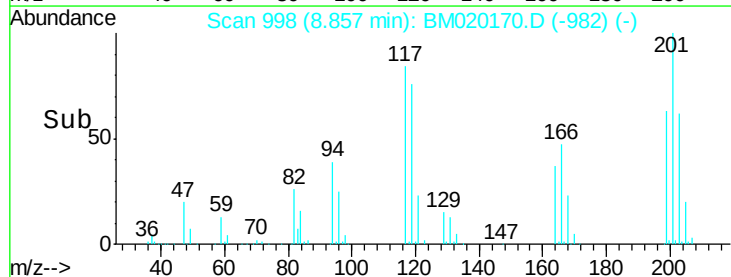
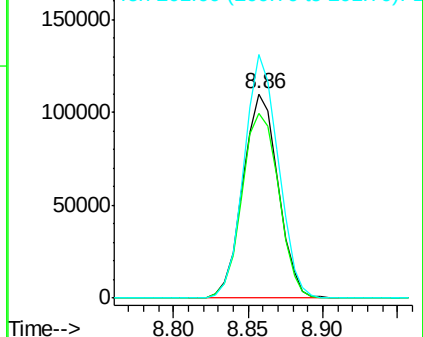


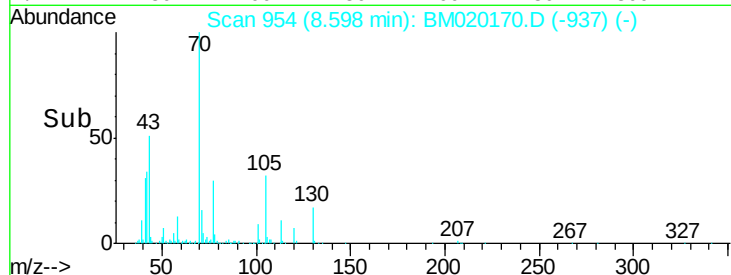
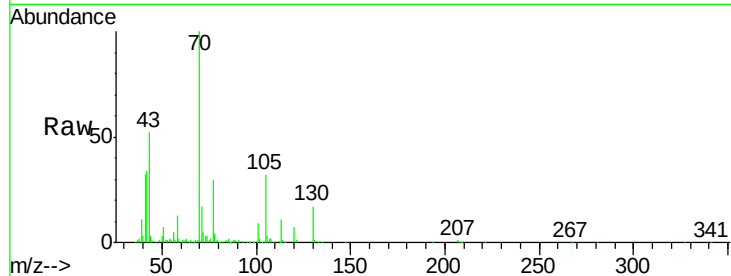
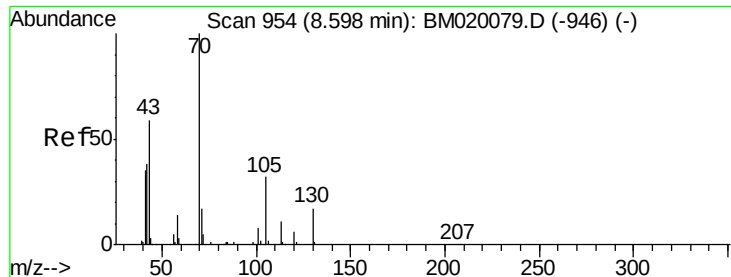
#18  
Hexachloroethane  
Concen: 35.840 ng  
RT: 8.86 min Scan# 998  
Delta R.T. -0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 90.4  | 76.6  | 114.8 |
| 201     | 119.1 | 90.7  | 136.1 |



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

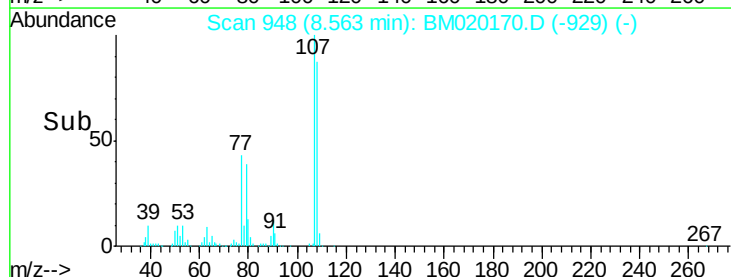
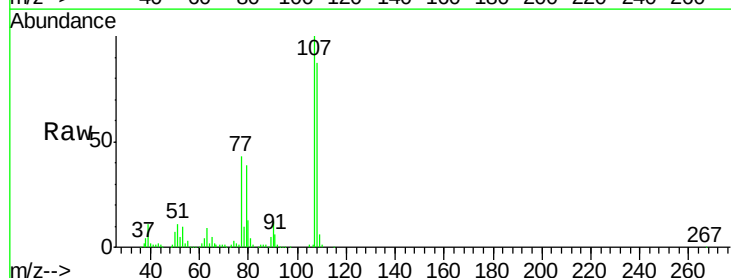
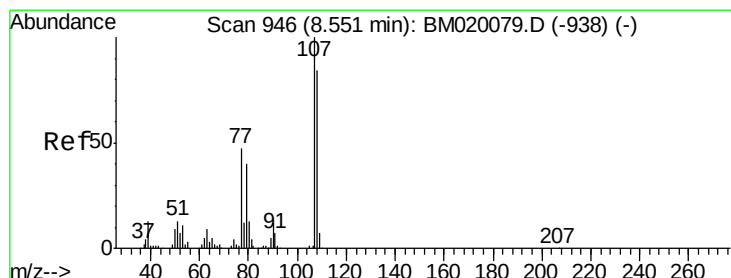
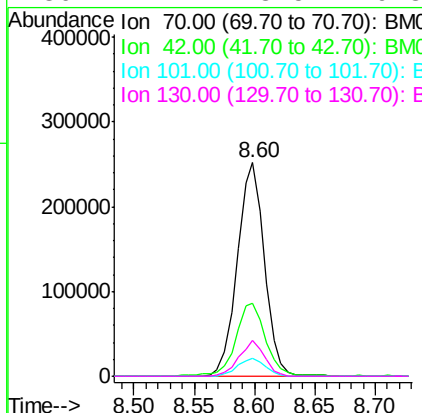




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.898 ng  
RT: 8.60 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

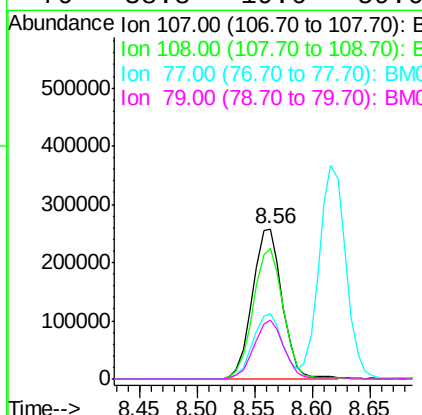
Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

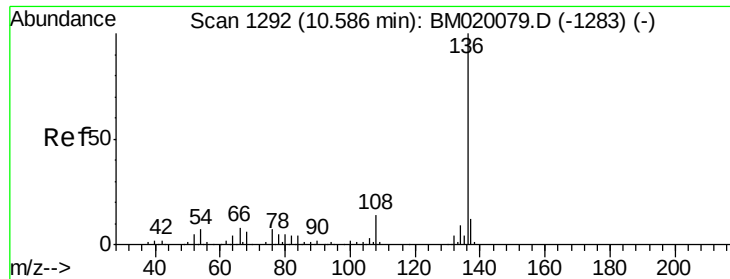
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 394817 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 34.3  | 31.0  | 46.4   |
| 101      | 8.7   | 6.2   | 9.2    |
| 130      | 17.1  | 13.5  | 20.3   |



#20  
3+4-Methylphenols  
Concen: 39.593 ng  
RT: 8.56 min Scan# 948  
Delta R.T. 0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 468778 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.1  | 64.4  | 104.4  |
| 77       | 43.4  | 27.2  | 67.2   |
| 79       | 38.8  | 19.6  | 59.6   |

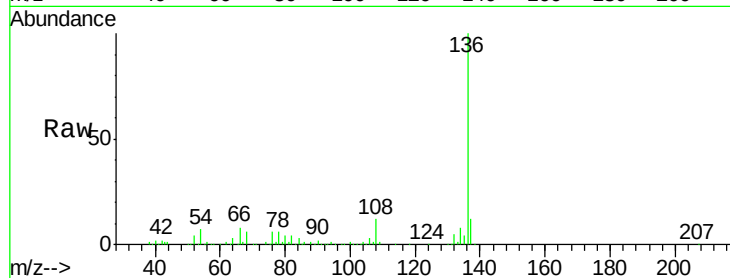




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.59 min Scan# 1292  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 578958      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.7  | 9.6 14.4    |
| 54          | 6.8   | 5.5 8.3     |
| 68          | 6.3   | 4.6 6.8     |



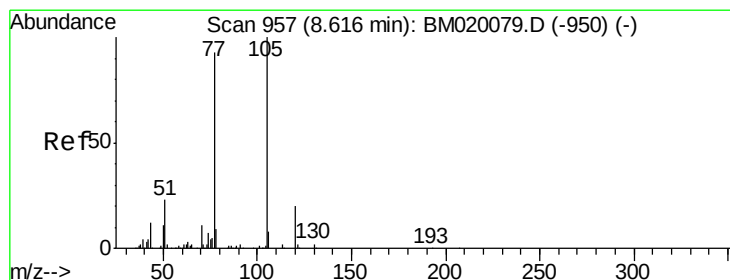
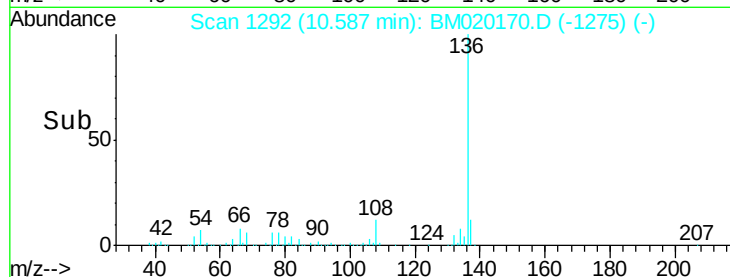
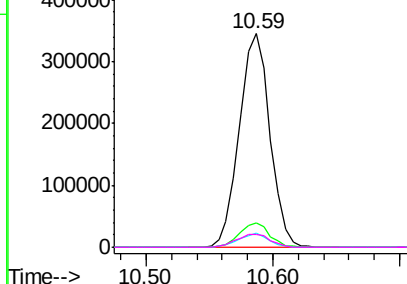
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

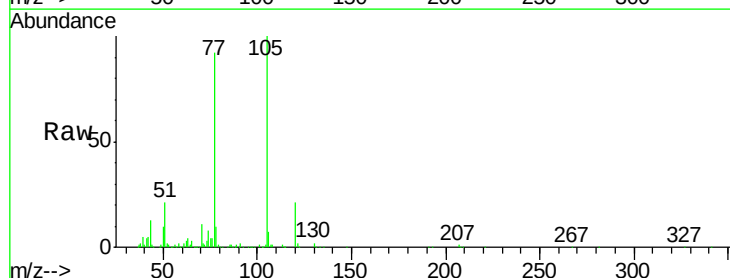
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22  
Acetophenone  
Concen: 39.967 ng  
RT: 8.62 min Scan# 957  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 632399      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 2.1   | 2.2 3.2#    |
| 51          | 21.2  | 19.3 28.9   |
| 120         | 21.2  | 16.2 24.4   |



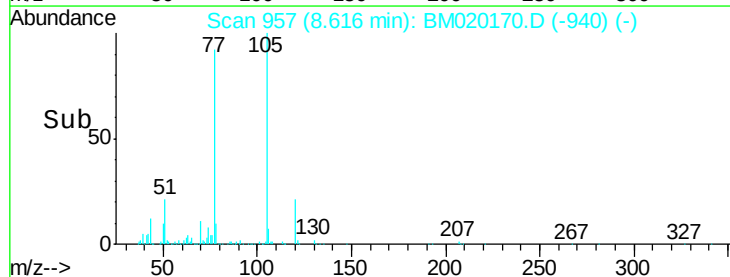
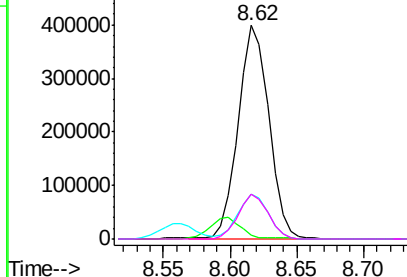
Abundance

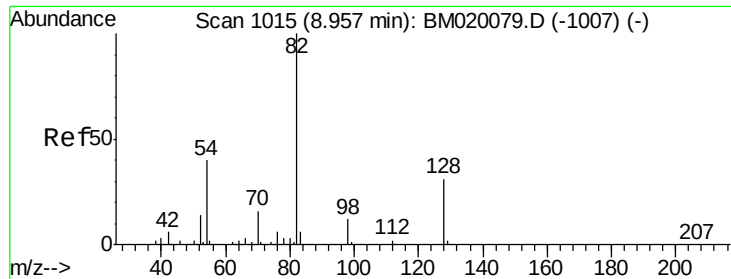
Ion 105.00 (104.70 to 105.70): E

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

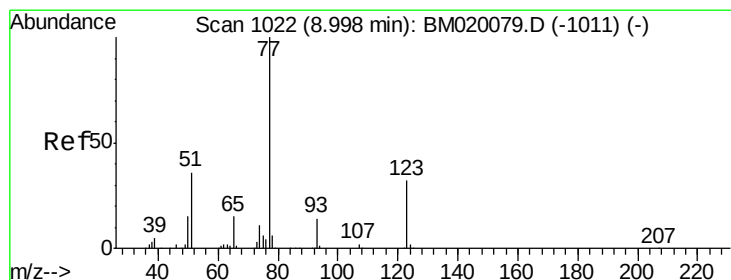
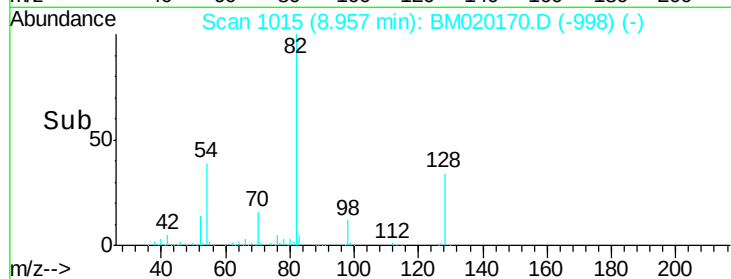
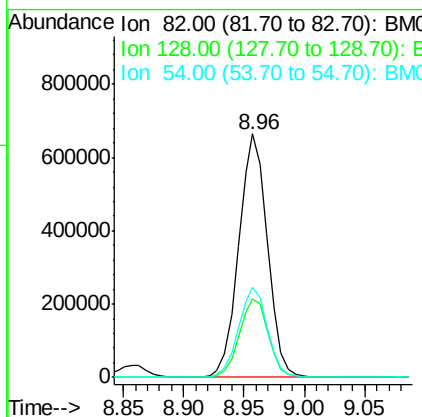
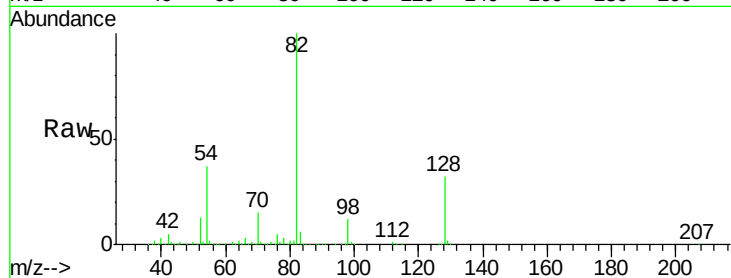




#23  
Nitrobenzene-d5  
Concen: 74.752 ng  
RT: 8.96 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

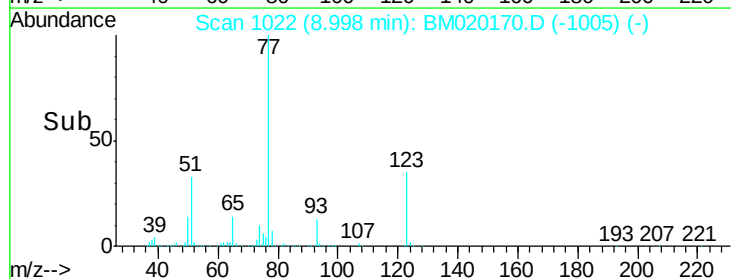
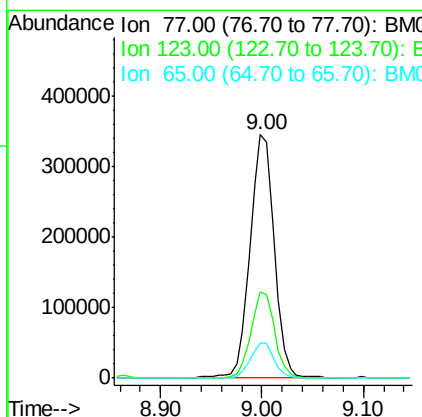
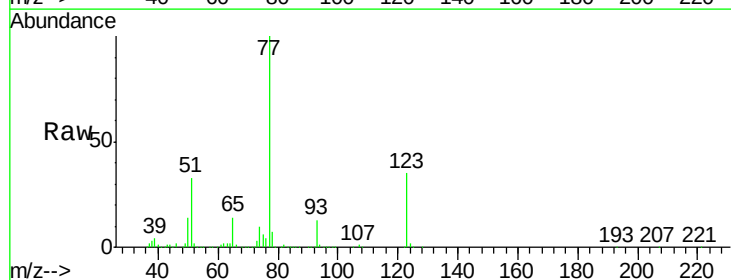
Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

Tot Ion: 82 Resp: 1096207  
Ion Ratio Lower Upper  
82 100  
128 32.1 25.2 37.8  
54 36.9 31.9 47.9

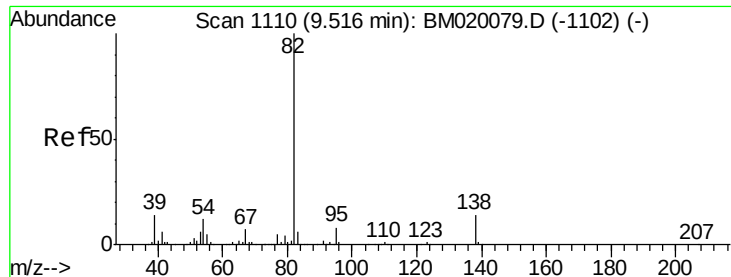


#24  
Nitrobenzene  
Concen: 37.345 ng  
RT: 9.00 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion: 77 Resp: 567813  
Ion Ratio Lower Upper  
77 100  
123 35.3 25.5 38.3  
65 14.5 11.8 17.6







#25

Isophorone

Concen: 38.577 ng

RT: 9.52 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

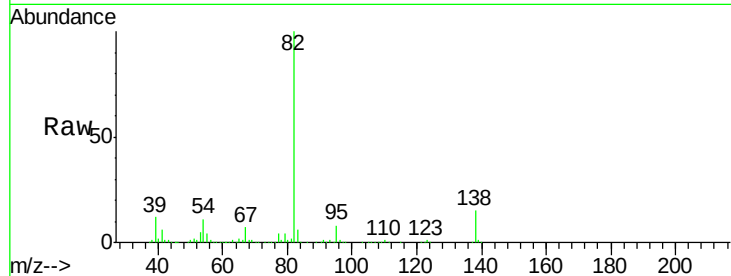
Tot Ion: 82 Resp: 975574

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

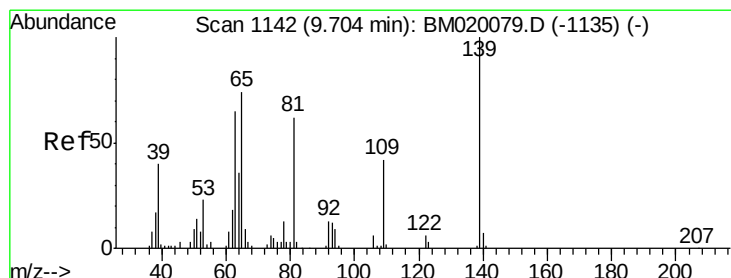
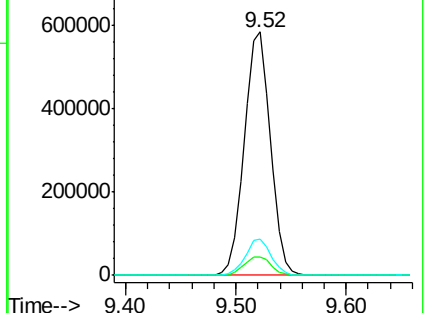
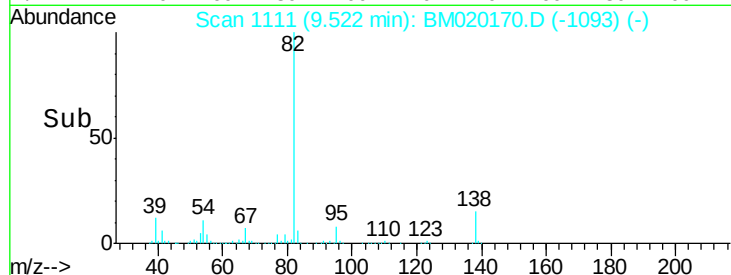
138 14.8 11.1 16.7



Abundance Ion 82.00 (81.70 to 82.70): BM020170.D (-1102) (-)

Ion 95.00 (94.70 to 95.70): BM020170.D (-1102) (-)

Ion 138.00 (137.70 to 138.70): BM020170.D (-1102) (-)



#26

2-Nitrophenol

Concen: 47.696 ng

RT: 9.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

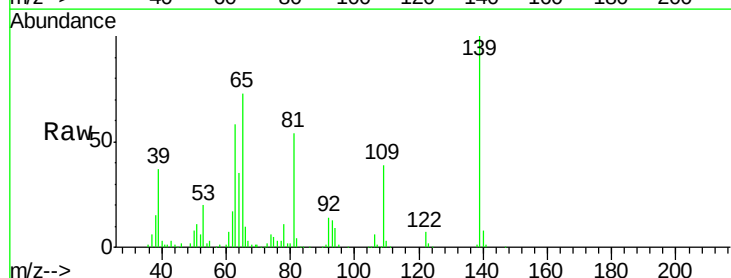
Tgt Ion: 139 Resp: 218941

Ion Ratio Lower Upper

139 100

109 39.1 33.7 50.5

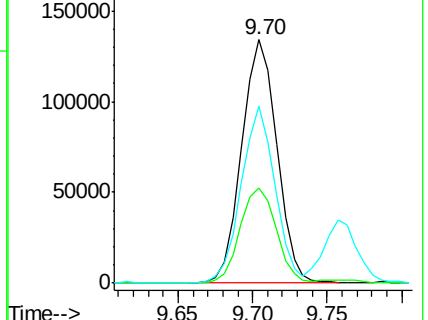
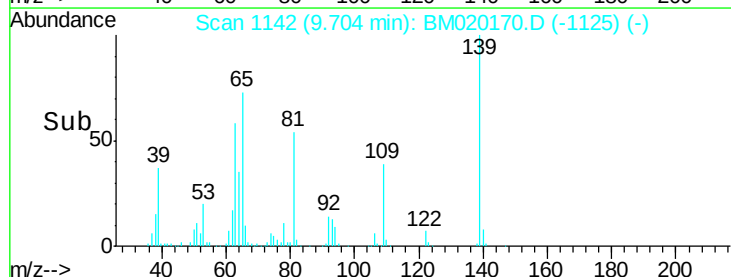
65 72.7 59.5 89.3

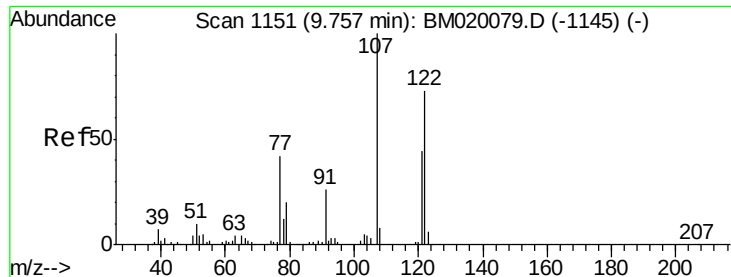


Abundance Ion 139.00 (138.70 to 139.70): BM020170.D (-1135) (-)

Ion 109.00 (108.70 to 109.70): BM020170.D (-1135) (-)

Ion 65.00 (64.70 to 65.70): BM020170.D (-1135) (-)





#27

2,4-Dimethylphenol

Concen: 46.478 ng

RT: 9.76 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

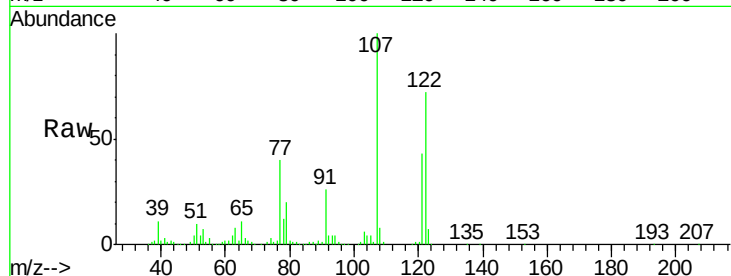
Tot Ion:122 Resp: 355196

Ion Ratio Lower Upper

122 100

107 138.1 108.6 162.8

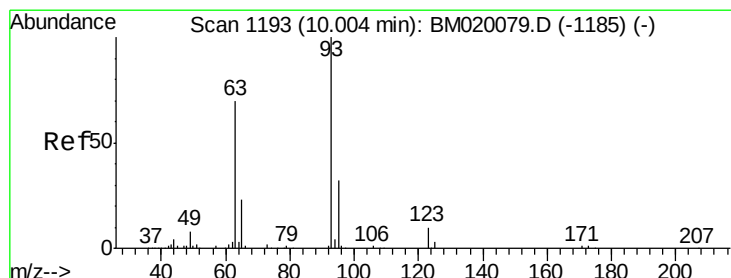
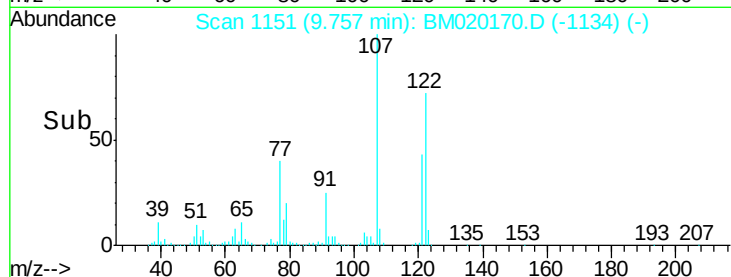
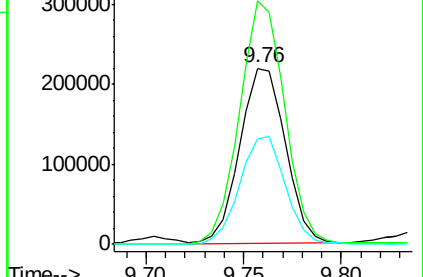
121 60.0 47.4 71.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.508 ng

RT: 10.00 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

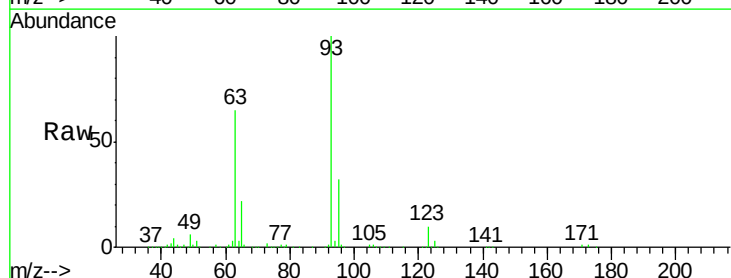
Tgt Ion: 93 Resp: 544152

Ion Ratio Lower Upper

93 100

95 31.6 25.5 38.3

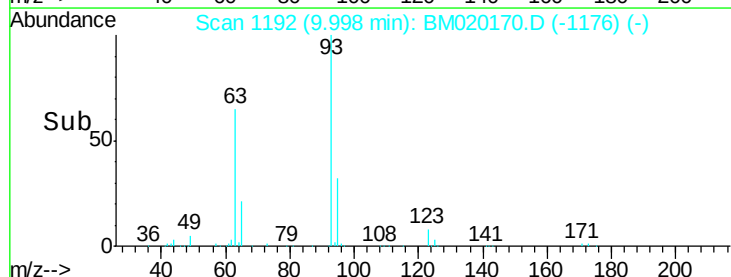
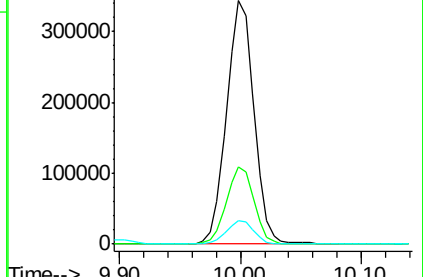
123 9.7 7.6 11.4

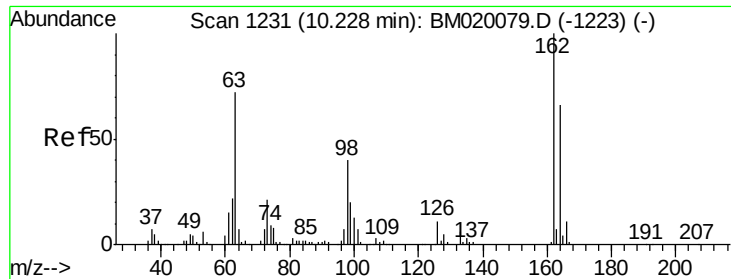


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

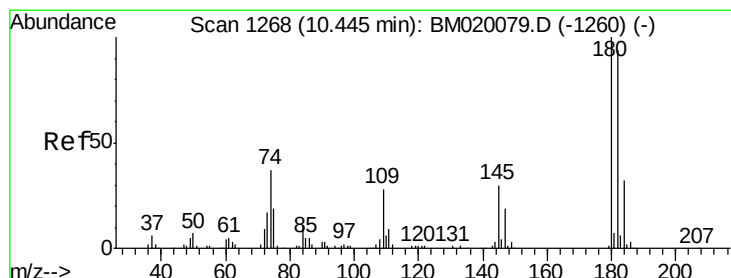
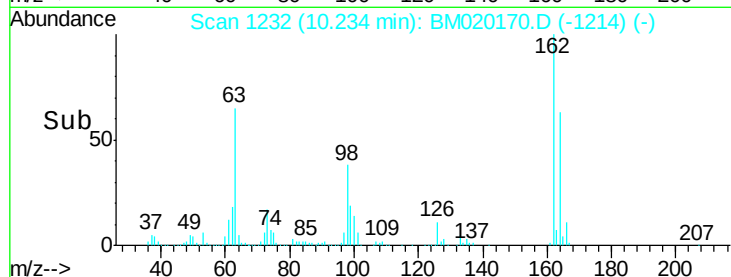
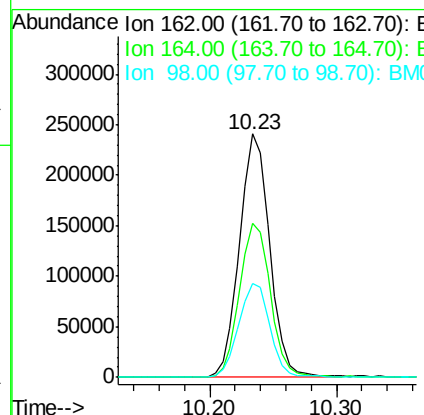
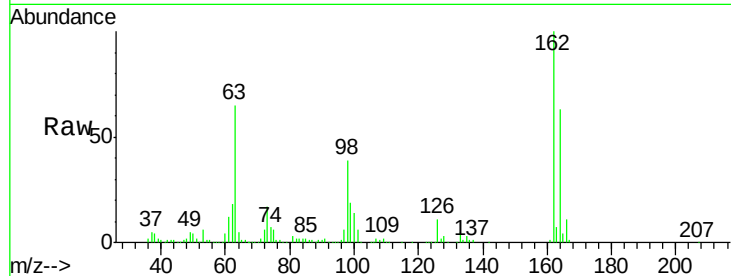




#29  
 2,4-Dichlorophenol  
 Concen: 41.348 ng  
 RT: 10.23 min Scan# 1232  
 Delta R.T. 0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

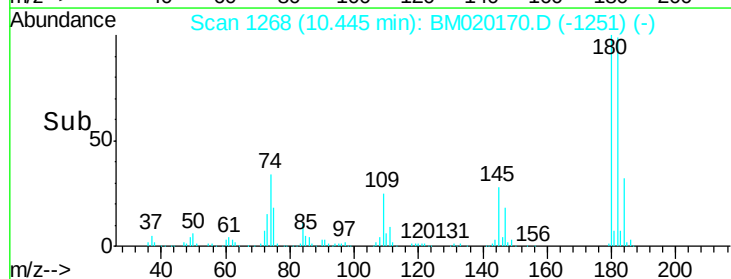
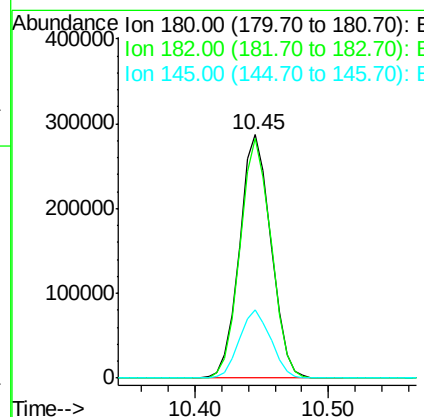
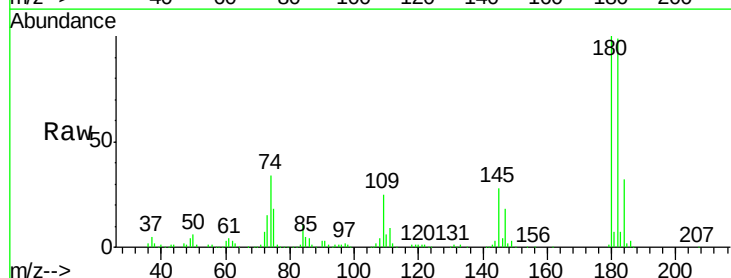
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

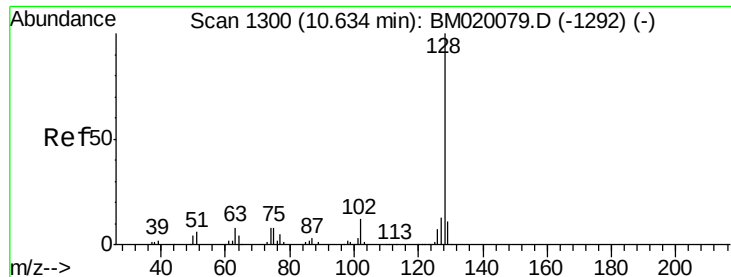
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 398447 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 63.5  | 45.6  | 85.6   |
| 98       | 38.7  | 20.4  | 60.4   |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.454 ng  
 RT: 10.45 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 467814 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 98.6  | 75.4  | 113.0  |
| 145      | 28.2  | 23.8  | 35.8   |

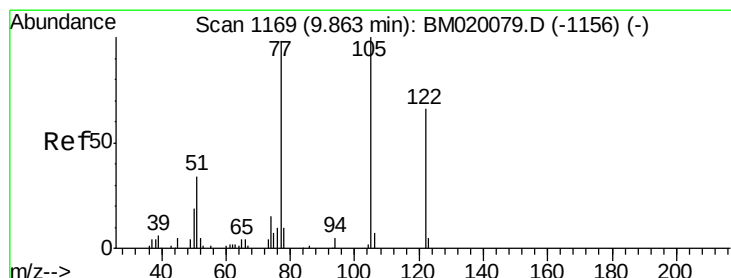
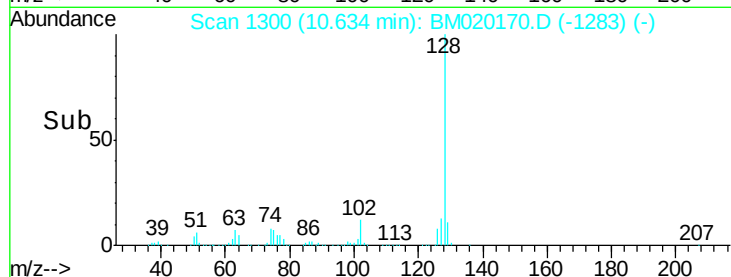
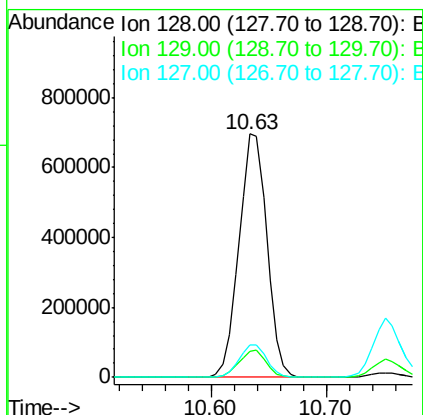
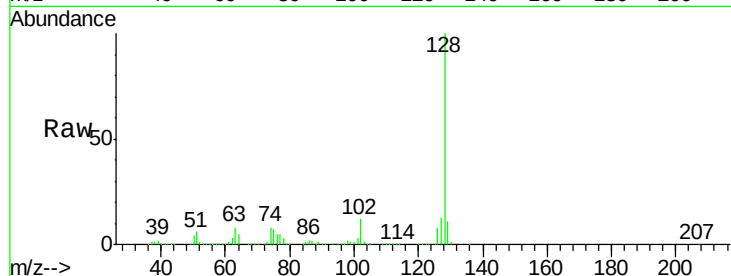




#31  
Naphthalene  
Concen: 38.990 ng  
RT: 10.63 min Scan# 1300  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

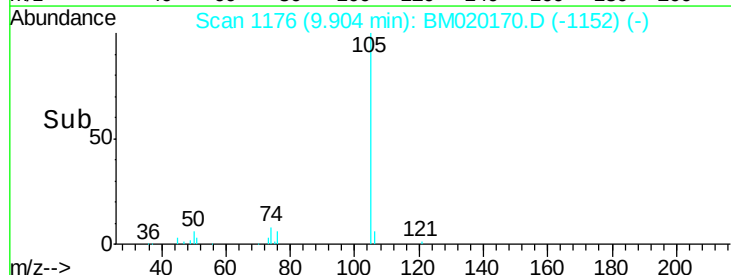
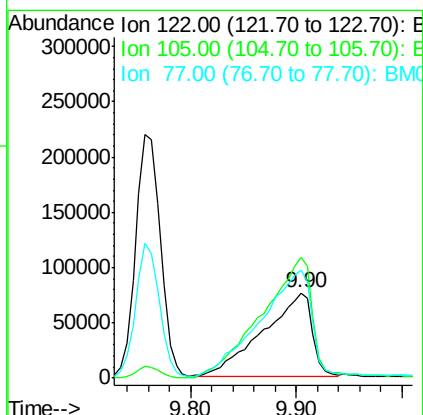
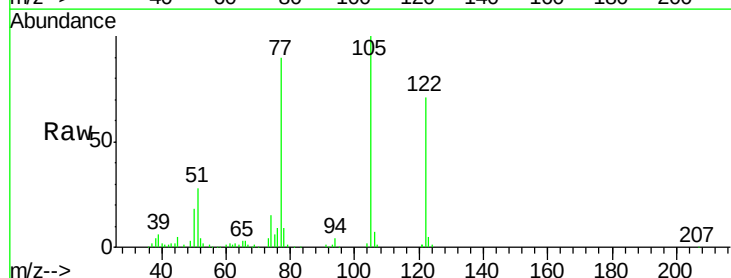
Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

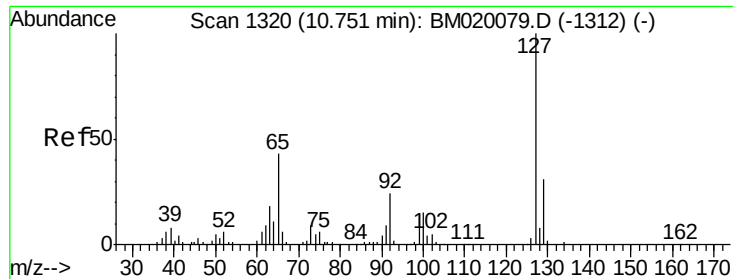
Tot Ion:128 Resp: 1171418  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.4  
127 13.1 10.4 15.6



#32  
Benzoic acid  
Concen: 44.952 ng  
RT: 9.90 min Scan# 1176  
Delta R.T. 0.04 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion:122 Resp: 241774  
Ion Ratio Lower Upper  
122 100  
105 141.2 122.5 162.5  
77 126.8 123.3 163.3

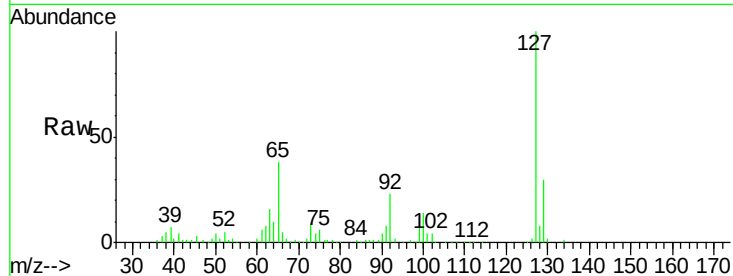




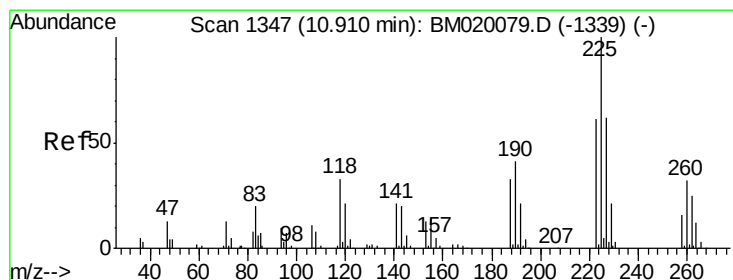
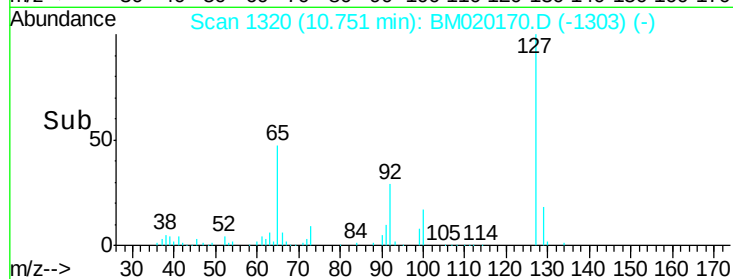
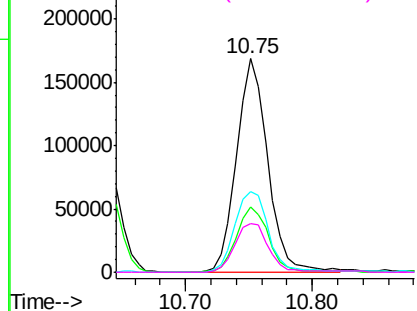
#33  
4-Chloroaniline  
Concen: 23.278 ng  
RT: 10.75 min Scan# 1320  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 287858 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.4  | 24.7  | 37.1   |
| 65       | 37.7  | 34.6  | 52.0   |
| 92       | 22.6  | 19.5  | 29.3   |

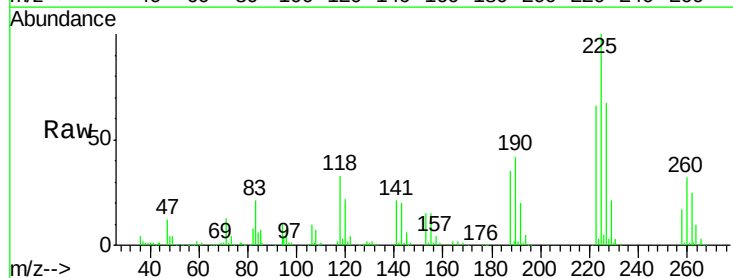


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

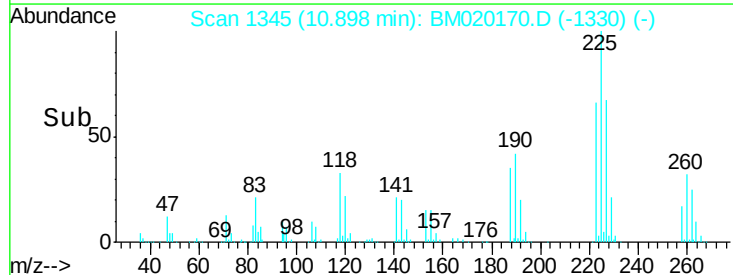
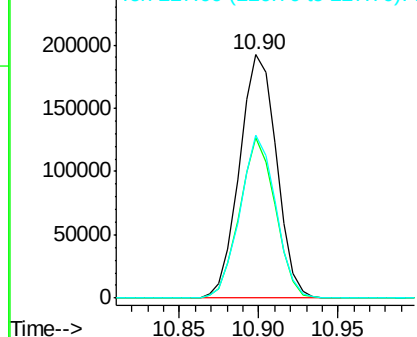


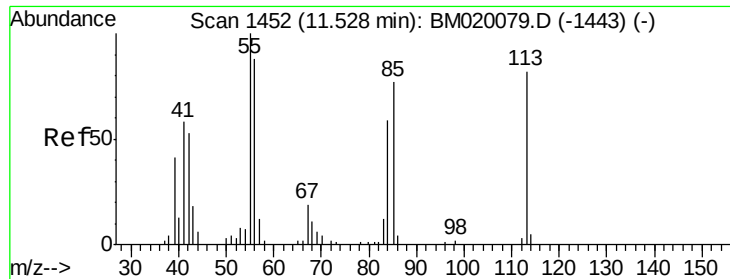
#34  
Hexachlorobutadiene  
Concen: 37.201 ng  
RT: 10.90 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 312036 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 65.9  | 48.9  | 73.3   |
| 227      | 66.9  | 49.6  | 74.4   |



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





#35

Caprolactam

Concen: 30.989 ng

RT: 11.56 min Scan# 1458

Delta R.T. 0.04 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

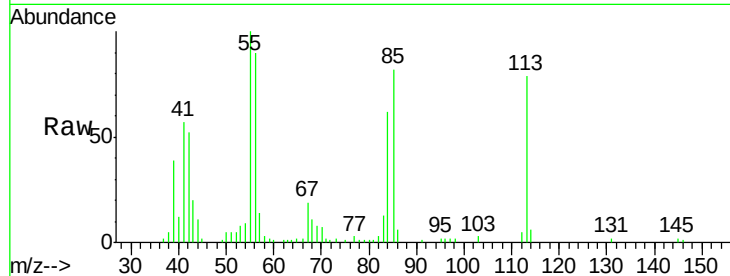
Tot Ion:113 Resp: 89294

Ion Ratio Lower Upper

113 100

55 126.2 102.5 142.5

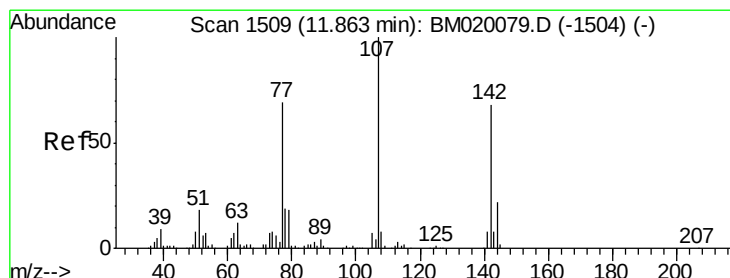
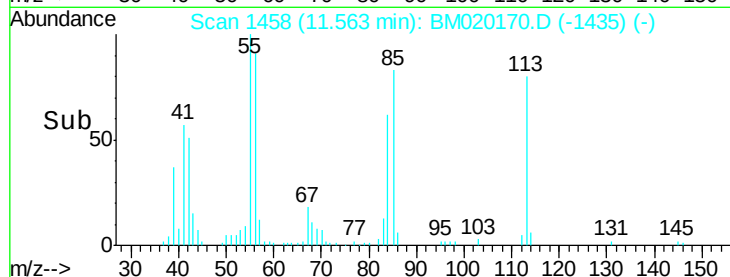
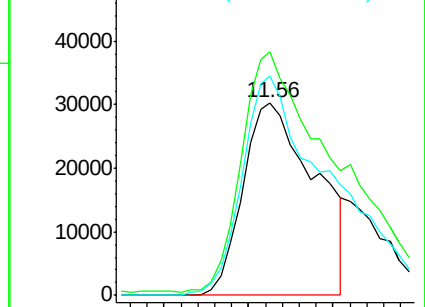
56 113.8 87.7 127.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 37.591 ng

RT: 11.87 min Scan# 1511

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

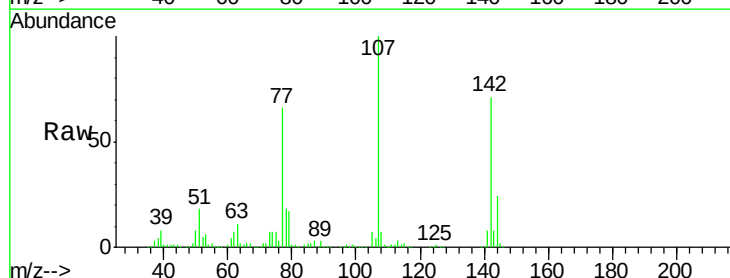
Tgt Ion:107 Resp: 425691

Ion Ratio Lower Upper

107 100

144 23.9 17.6 26.4

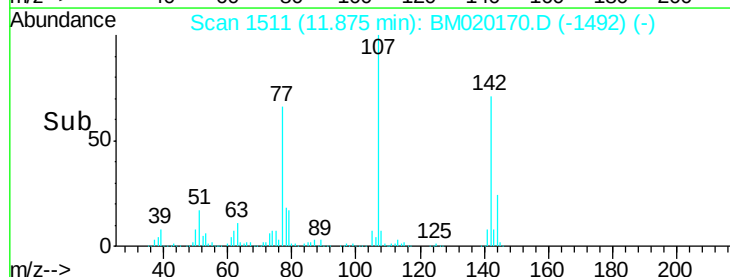
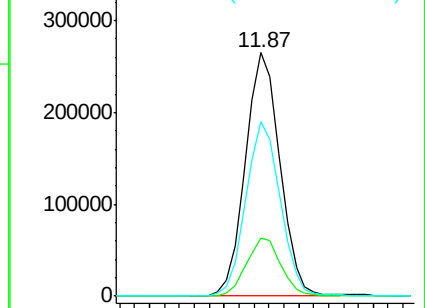
142 71.4 54.6 82.0

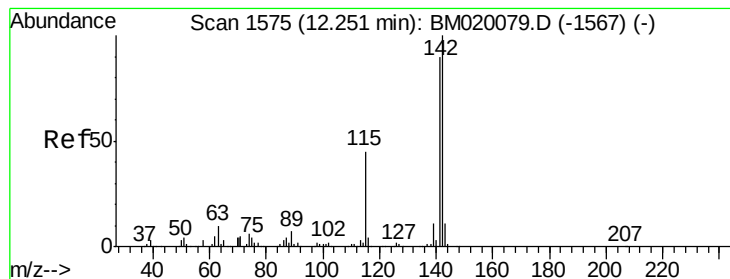


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.052 ng

RT: 12.25 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

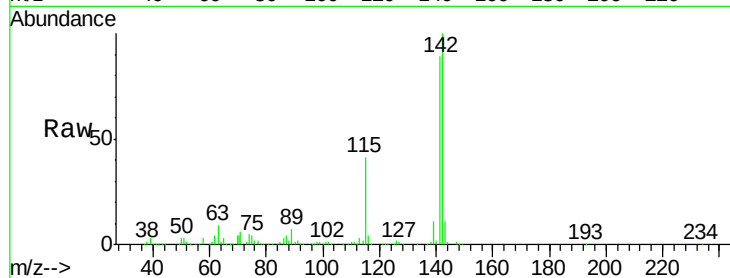
Tot Ion:142 Resp: 877281

Ion Ratio Lower Upper

142 100

141 89.5 71.6 107.4

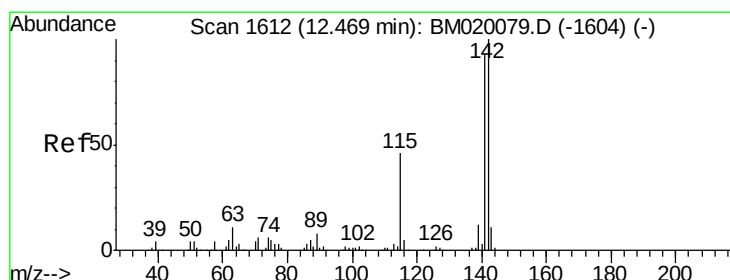
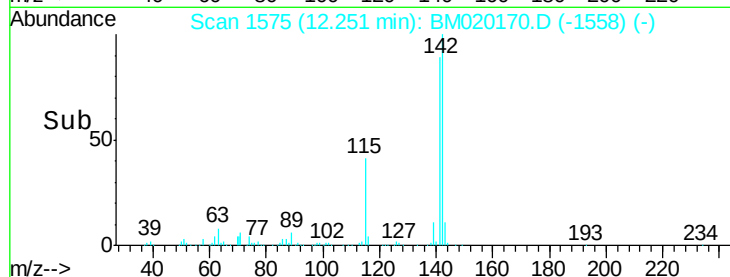
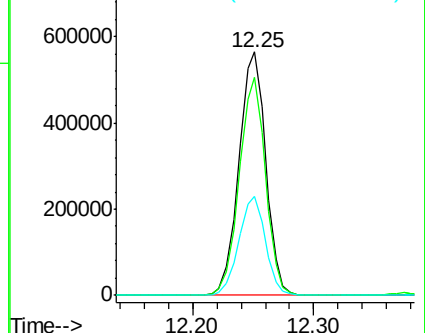
115 40.6 35.8 53.6



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: 38.174 ng

RT: 12.47 min Scan# 1612

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

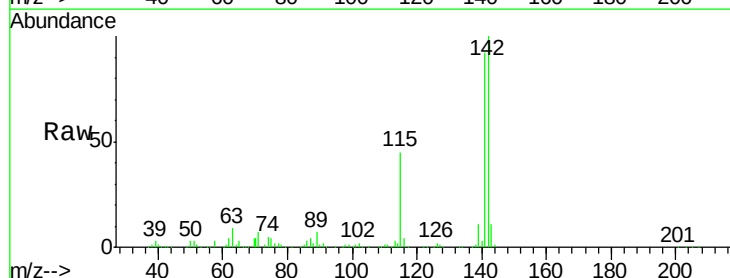
Tgt Ion:142 Resp: 817618

Ion Ratio Lower Upper

142 100

141 91.7 74.8 112.2

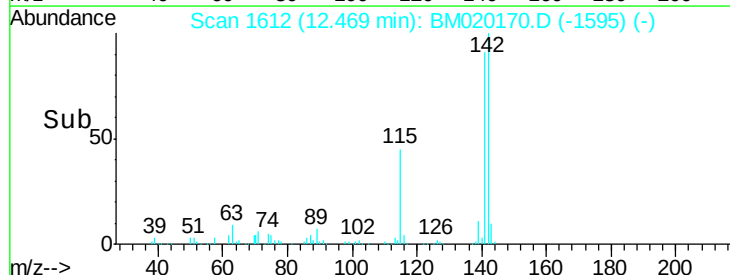
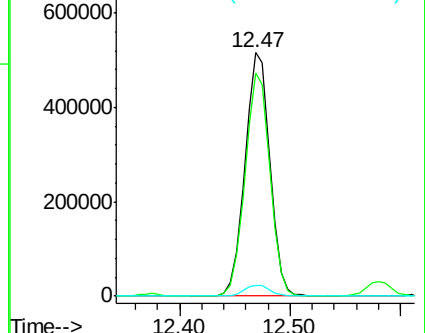
116 4.4 3.9 5.9

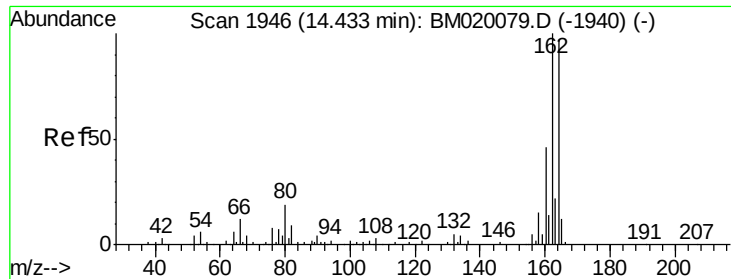


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.43 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

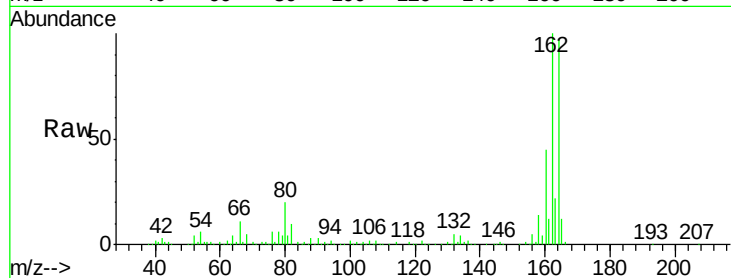
Tot Ion:164 Resp: 337109

Ion Ratio Lower Upper

164 100

162 102.8 82.2 123.2

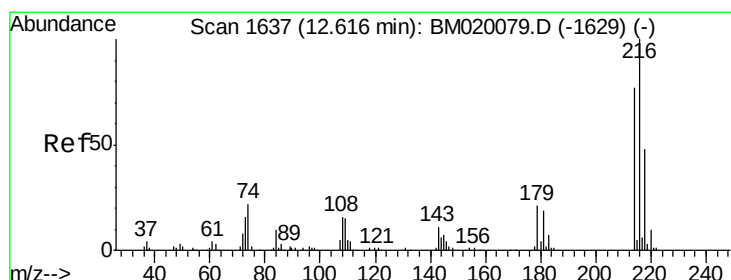
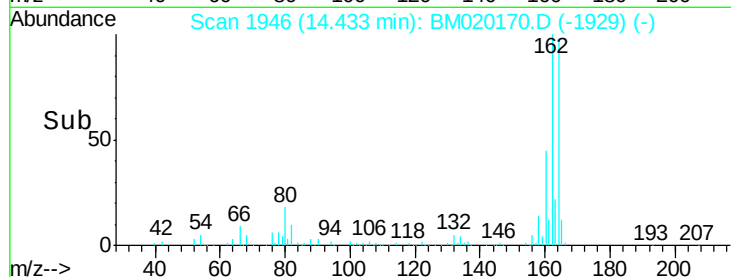
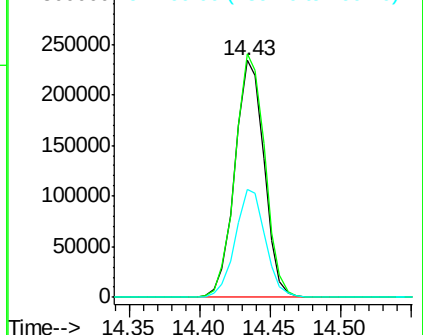
160 45.8 37.6 56.4



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: 41.383 ng

RT: 12.62 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Tgt Ion:216 Resp: 545796

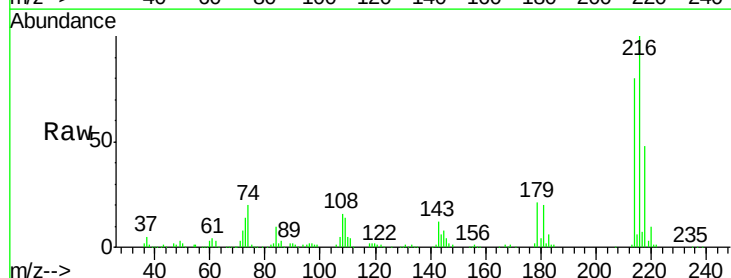
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 19.9 17.1 25.7

108 18.7 15.8 23.6

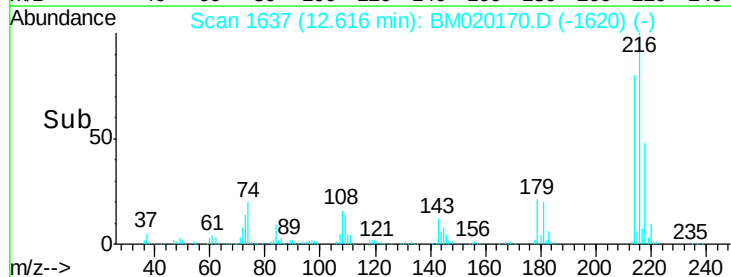
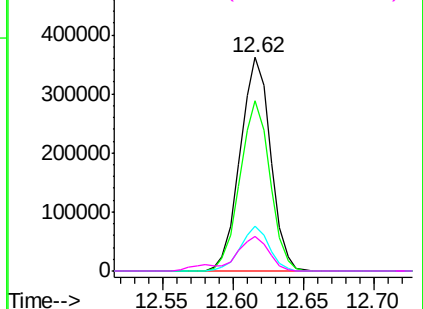


Abundance Ion 216.00 (215.70 to 216.70): E

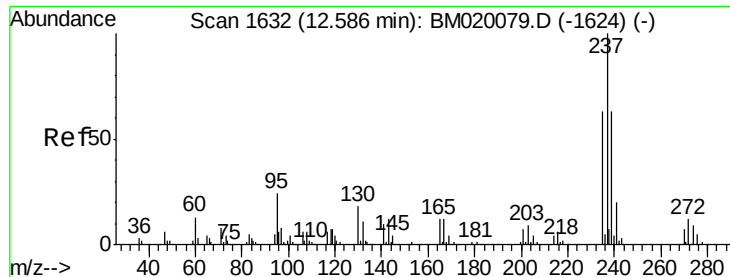
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



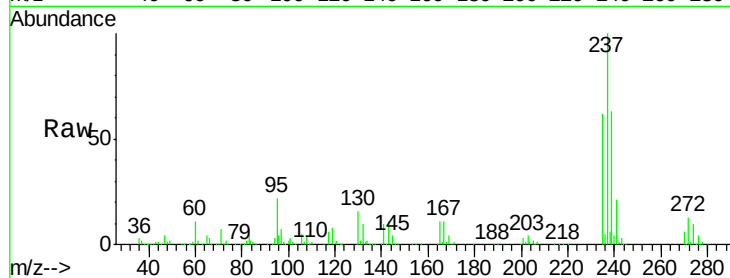




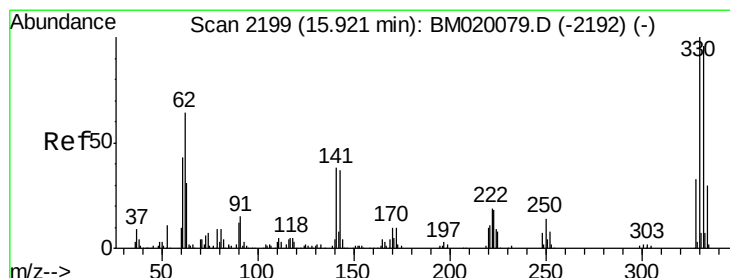
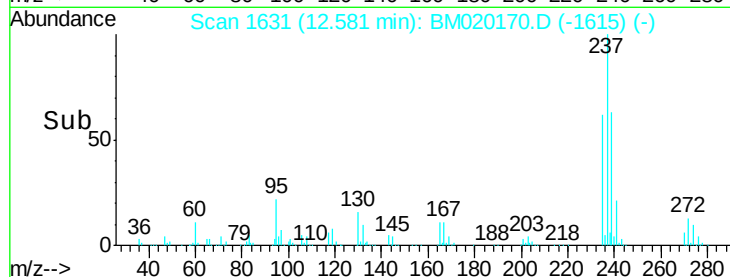
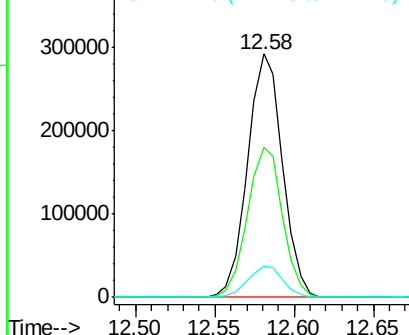
#41  
Hexachlorocyclopentadiene  
Concen: 57.514 ng  
RT: 12.58 min Scan# 1631  
Delta R.T. -0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

Tot Ion:237 Resp: 446636  
Ion Ratio Lower Upper  
237 100  
235 61.9 43.4 83.4  
272 12.7 0.0 31.7

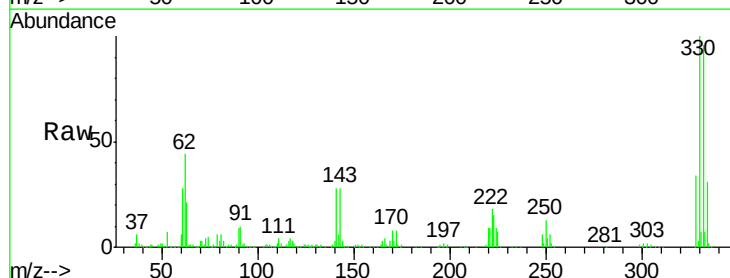


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

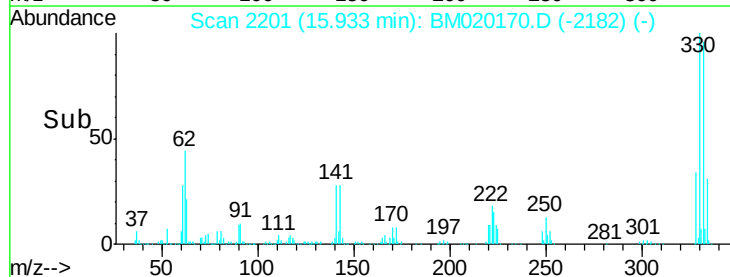
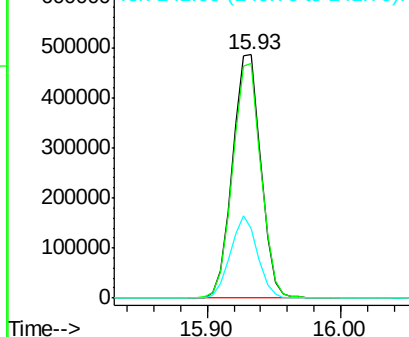


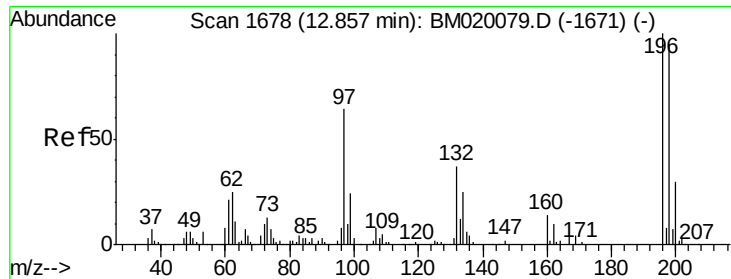
#42  
2,4,6-Tribromophenol  
Concen: 138.097 ng  
RT: 15.93 min Scan# 2201  
Delta R.T. 0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion:330 Resp: 722600  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.8 115.2  
141 32.2 29.2 43.8



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

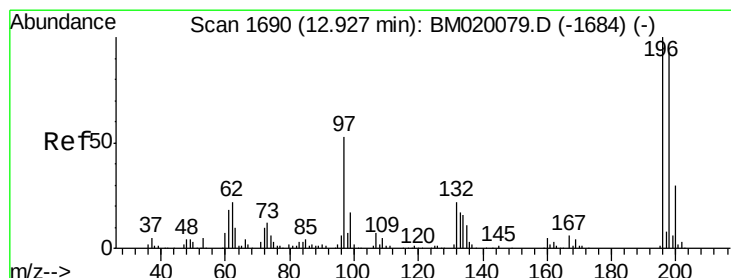
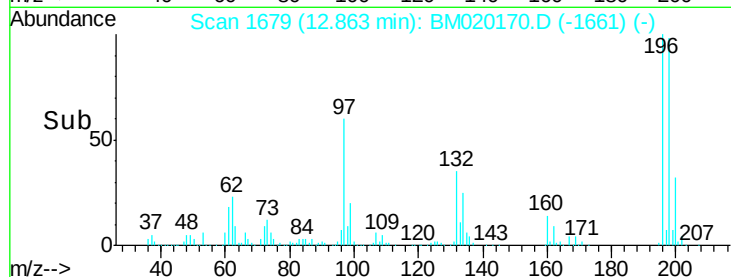
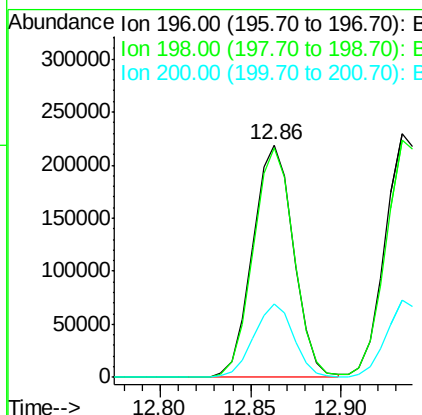
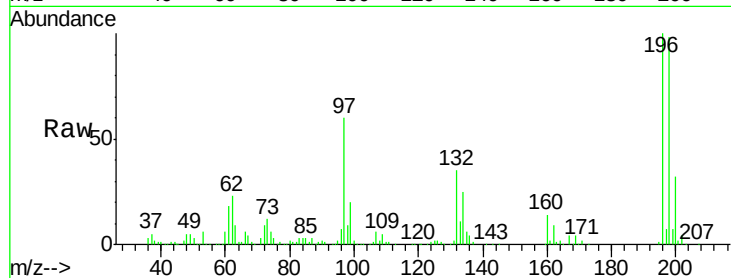




#43  
 2,4,6-Trichlorophenol  
 Concen: 45.798 ng  
 RT: 12.86 min Scan# 1679  
 Delta R.T. 0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

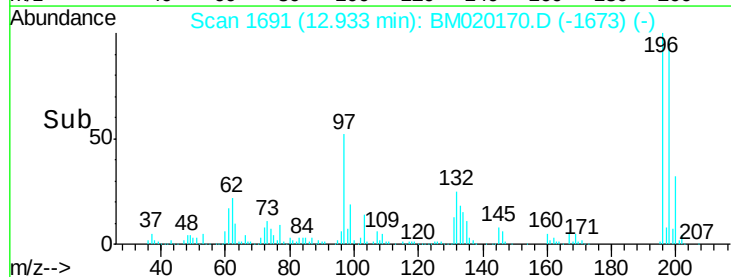
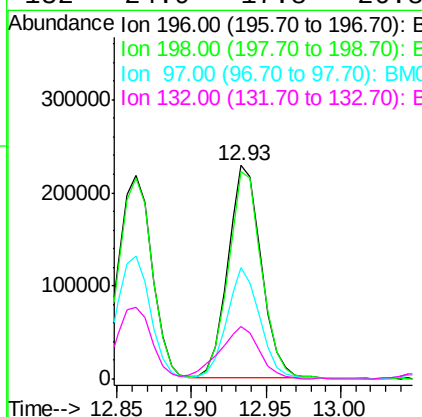
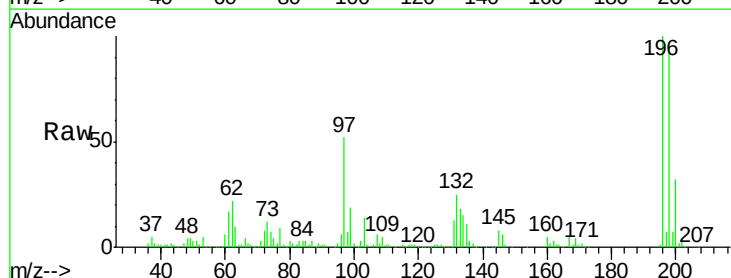
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

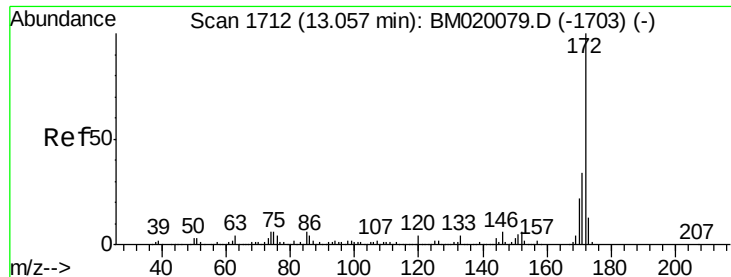
Tot Ion:196 Resp: 343286  
 Ion Ratio Lower Upper  
 196 100  
 198 98.5 76.2 114.2  
 200 31.7 24.3 36.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 42.590 ng  
 RT: 12.93 min Scan# 1691  
 Delta R.T. 0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Tgt Ion:196 Resp: 356637  
 Ion Ratio Lower Upper  
 196 100  
 198 97.3 74.7 112.1  
 97 52.0 42.2 63.4  
 132 24.9 17.8 26.8



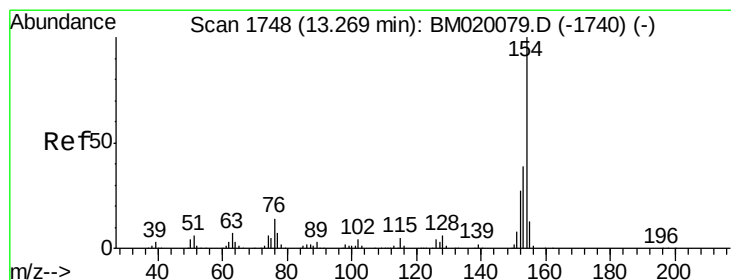
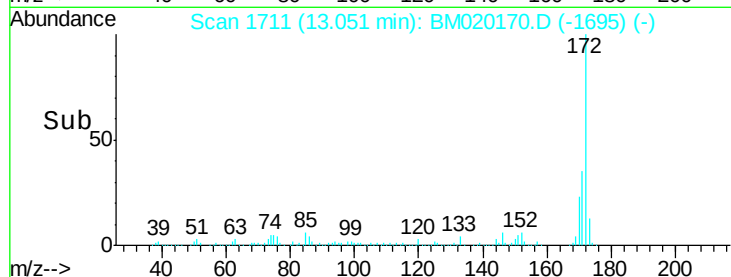
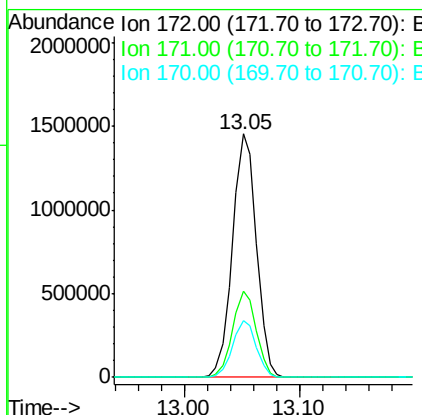
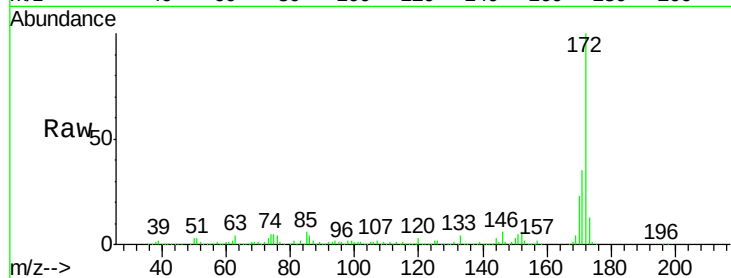


#45  
 2-Fluorobiphenyl  
 Concen: 76.122 ng  
 RT: 13.05 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

Tot Ion:172 Resp: 2085676  

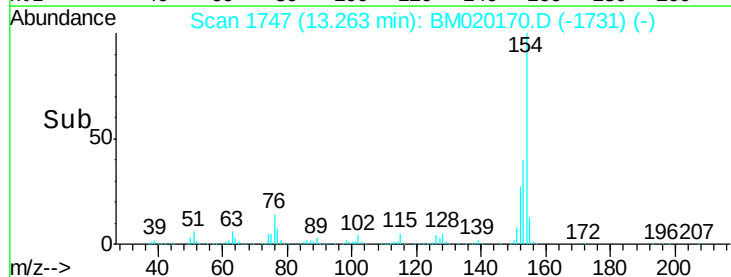
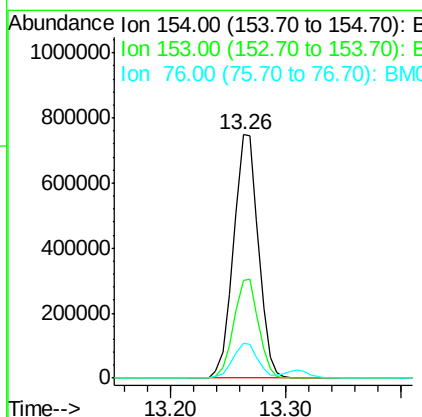
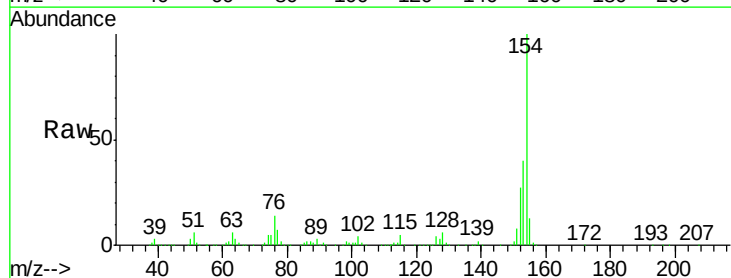
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.4  | 27.3  | 40.9  |
| 170 | 23.3  | 17.9  | 26.9  |

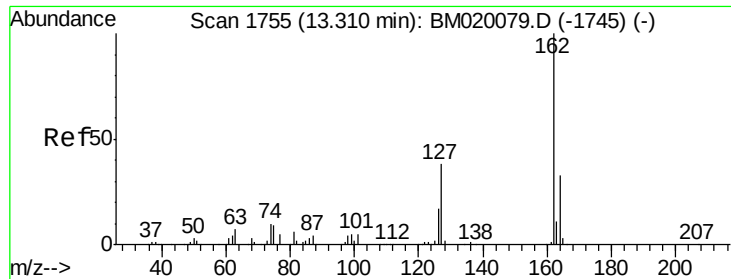


#46  
 1,1'-Biphenyl  
 Concen: 40.129 ng  
 RT: 13.26 min Scan# 1747  
 Delta R.T. -0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Tgt Ion:154 Resp: 1113464  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.1  | 19.4  | 59.4  |
| 76  | 14.4  | 0.0   | 34.5  |

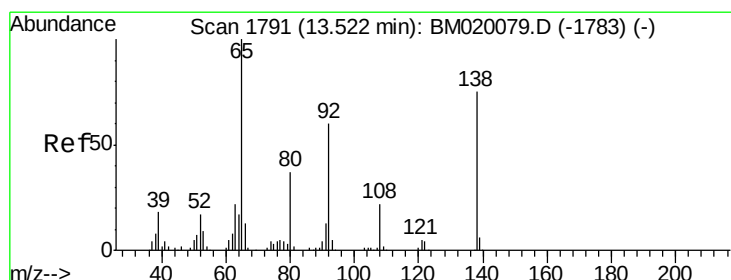
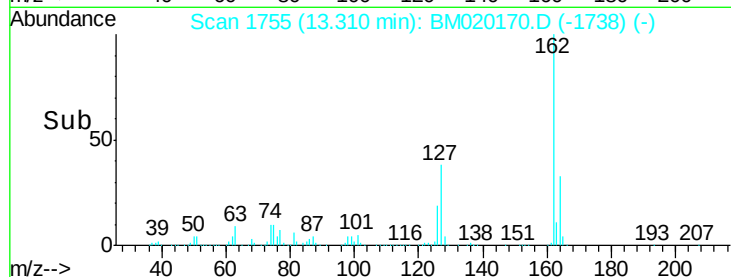
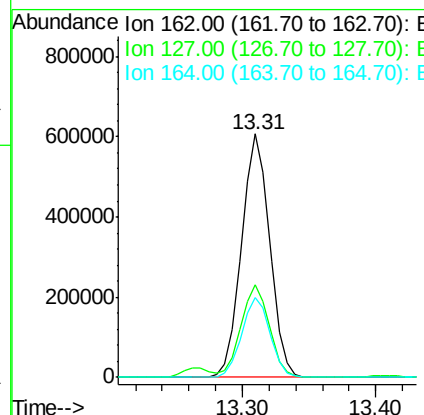
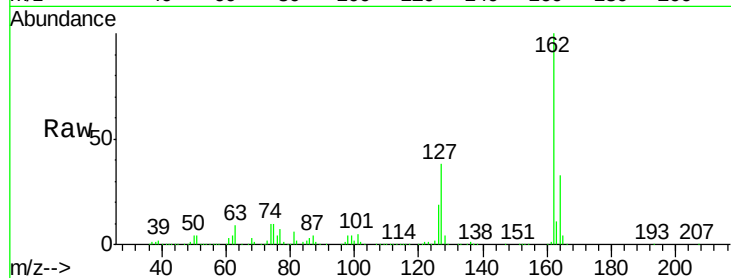




#47  
 2-Chloronaphthalene  
 Concen: 39.923 ng  
 RT: 13.31 min Scan# 1755  
 Delta R.T. 0.00 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

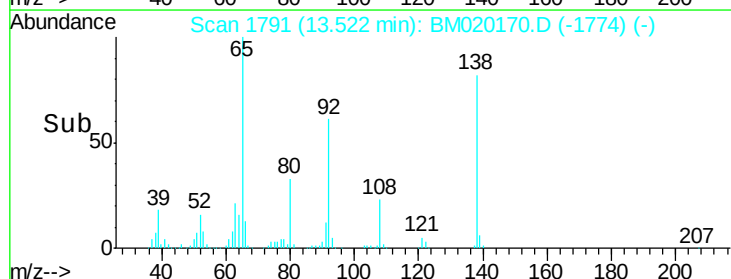
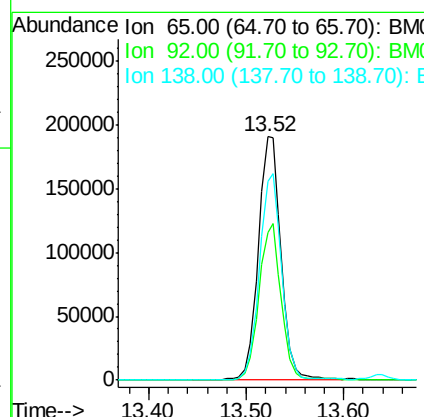
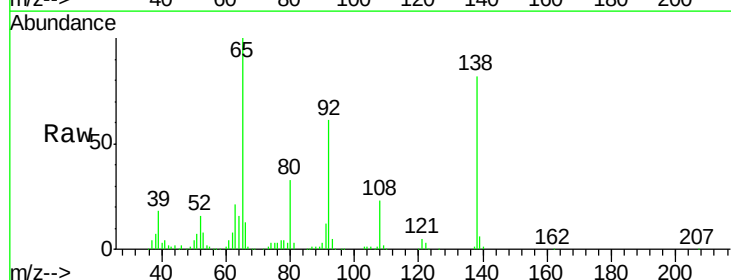
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

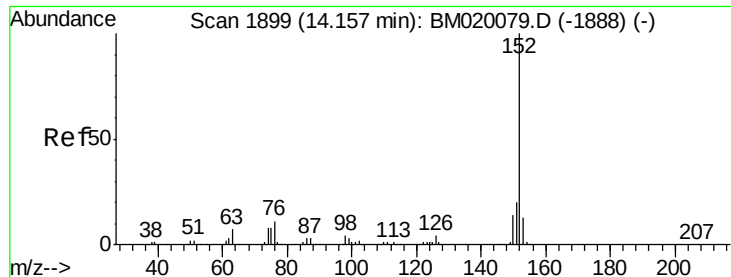
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.1  | 31.0  | 46.4  |
| 164     | 32.7  | 26.2  | 39.2  |



#48  
 2-Nitroaniline  
 Concen: 39.709 ng  
 RT: 13.52 min Scan# 1791  
 Delta R.T. 0.00 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.8  | 48.2  | 72.4  |
| 138     | 81.7  | 60.3  | 90.5  |





#49

Acenaphthylene

Concen: 37.481 ng

RT: 14.16 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

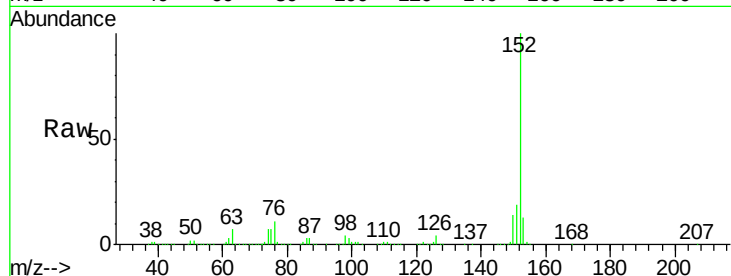
BNA\_M

ClientSampleId :

PB119485BS

Tot Ion:152 Resp: 1328891

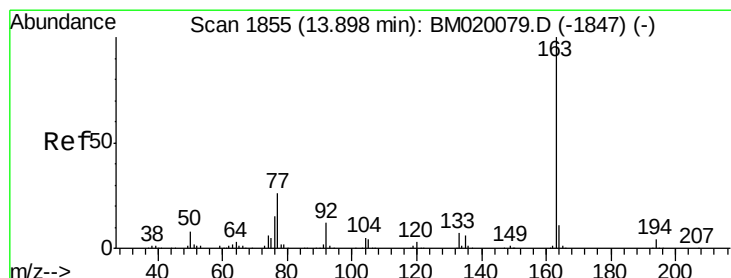
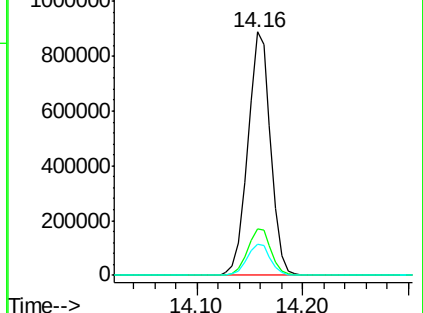
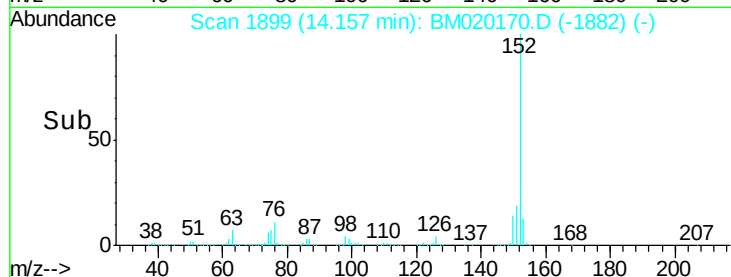
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.0  | 16.2  | 24.2  |
| 153 | 12.6  | 10.6  | 16.0  |



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: 37.704 ng

RT: 13.89 min Scan# 1854

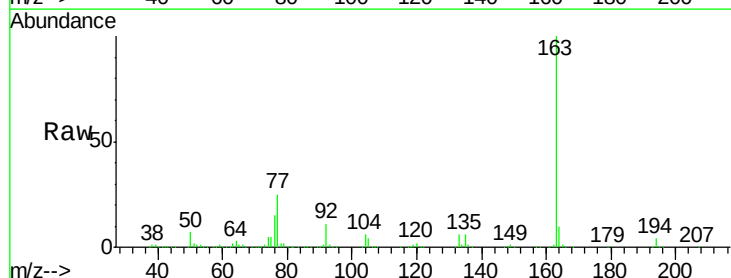
Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Tgt Ion:163 Resp: 1080283

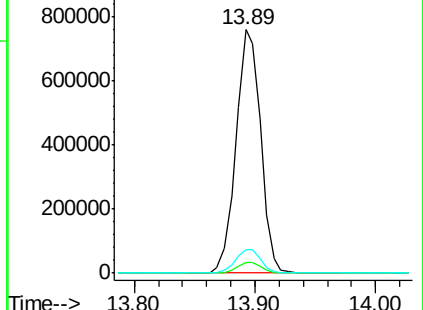
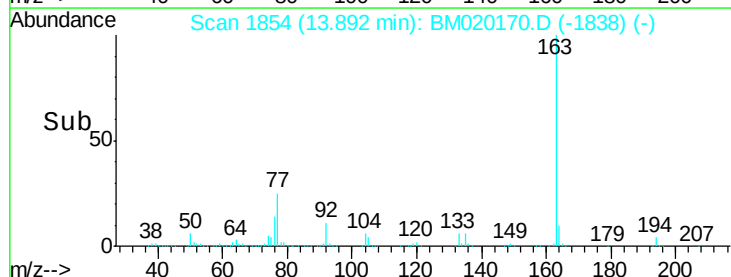
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.3   | 3.6   | 5.4   |
| 164 | 9.8   | 8.4   | 12.6  |

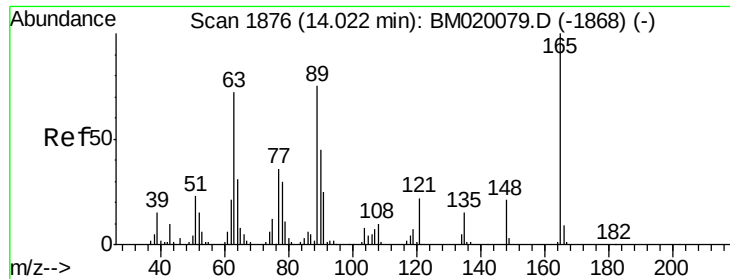


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

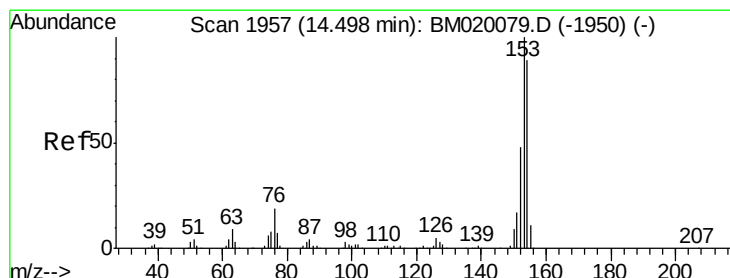
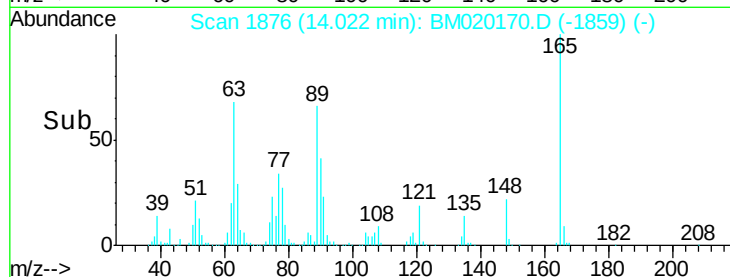
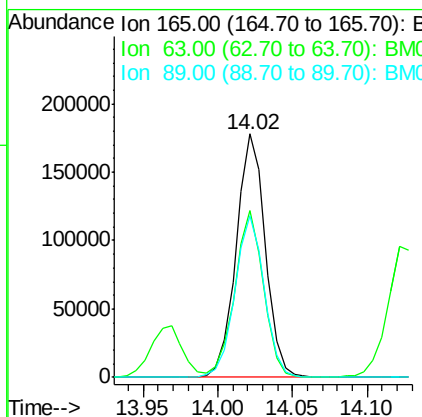
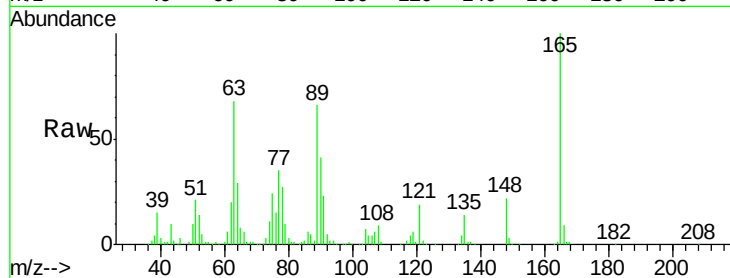




#51  
 2,6-Dinitrotoluene  
 Concen: 39.933 ng  
 RT: 14.02 min Scan# 1876  
 Delta R.T. 0.00 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

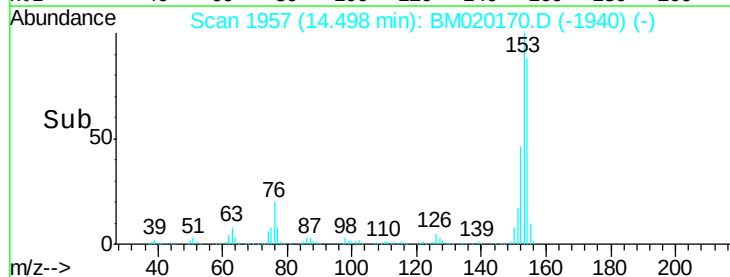
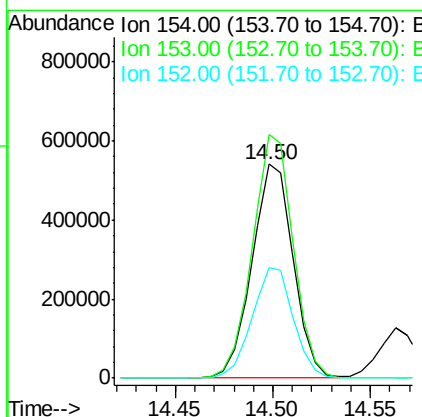
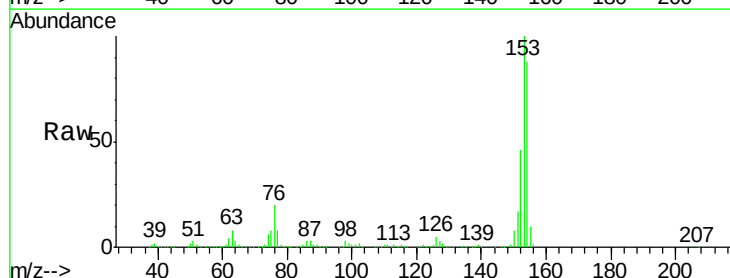
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

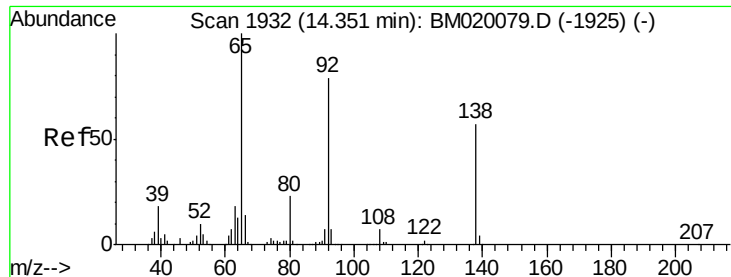
| Tot Ion   | 165   | Resp  | 240983 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 68.4  | 60.3  | 90.5   |
| 89        | 66.4  | 59.8  | 89.6   |



#52  
 Acenaphthene  
 Concen: 38.827 ng  
 RT: 14.50 min Scan# 1957  
 Delta R.T. 0.00 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

| Tgt Ion   | 154   | Resp  | 789426 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.7 | 90.2  | 135.2  |
| 152       | 51.9  | 43.0  | 64.4   |





#53

3-Nitroaniline

Concen: 29.993 ng

RT: 14.36 min Scan# 1933

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

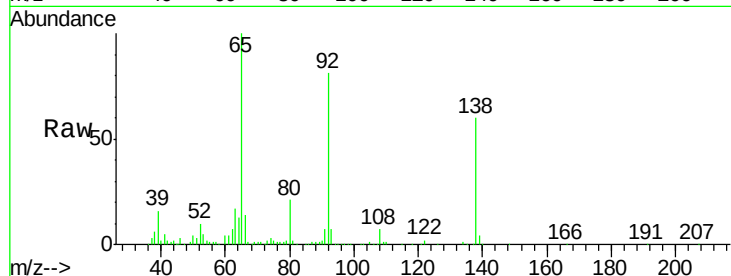
Tot Ion:138 Resp: 167988

Ion Ratio Lower Upper

138 100

108 11.4 10.4 15.6

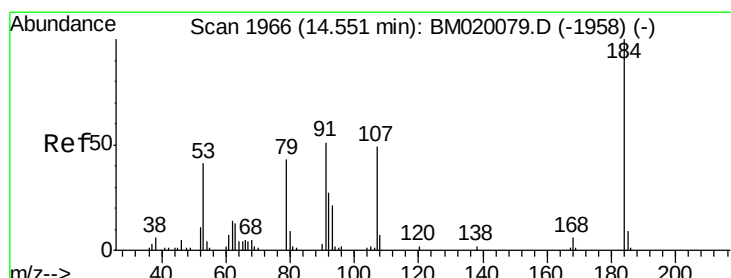
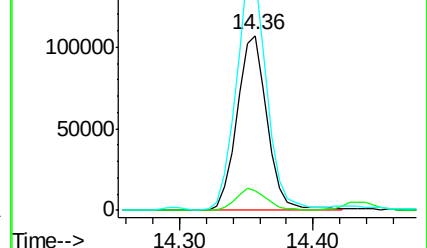
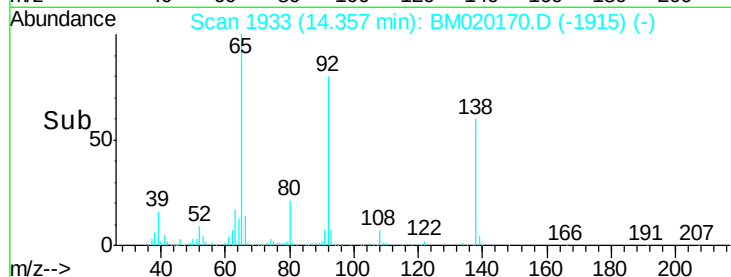
92 134.9 111.3 166.9



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: 86.609 ng

RT: 14.56 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

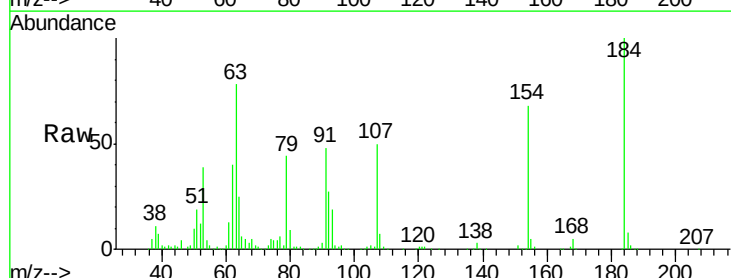
Tgt Ion:184 Resp: 264162

Ion Ratio Lower Upper

184 100

63 78.0 68.9 103.3

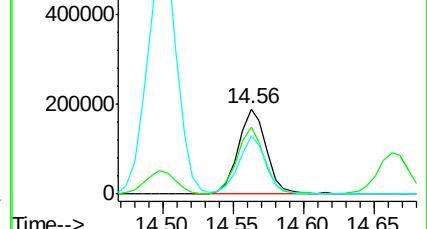
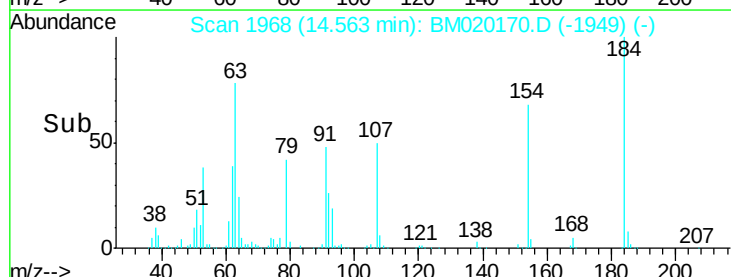
154 67.6 54.4 81.6

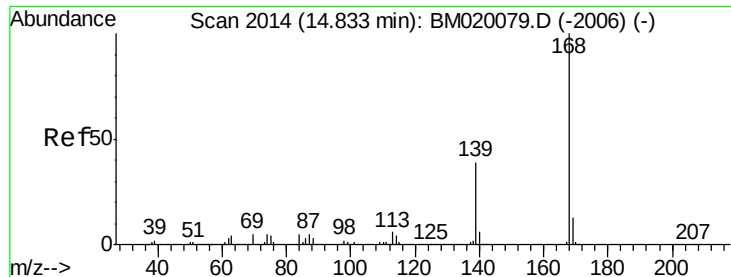


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

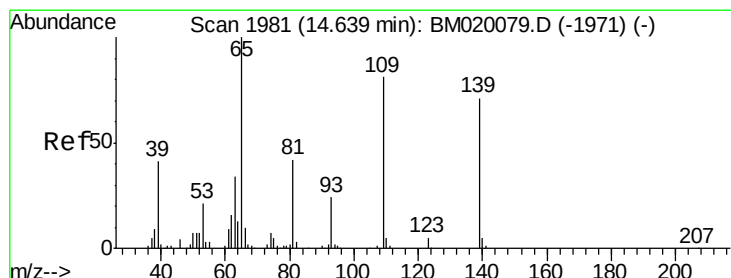
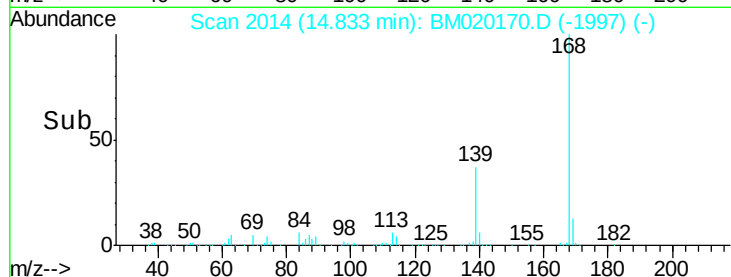
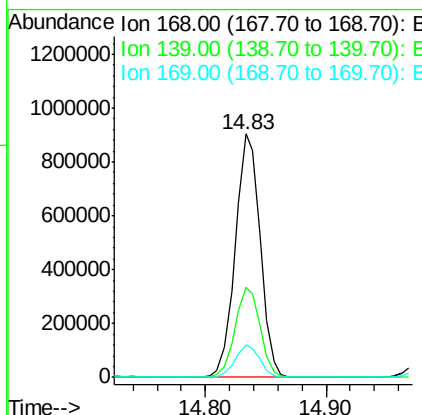
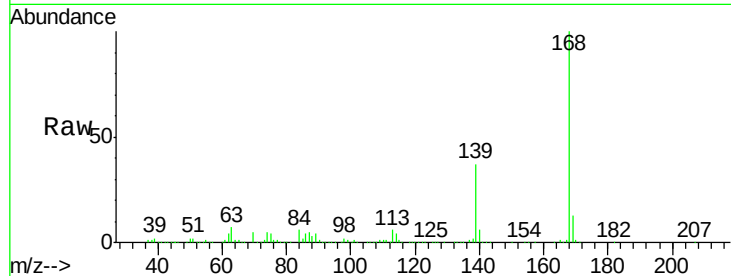




#55  
Dibenzofuran  
Concen: 37.750 ng  
RT: 14.83 min Scan# 2014  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

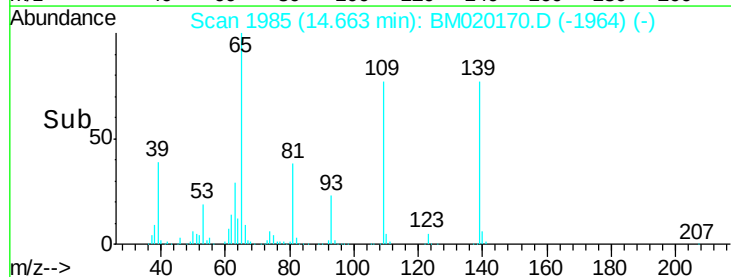
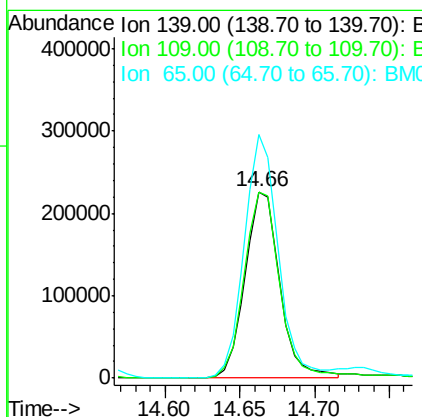
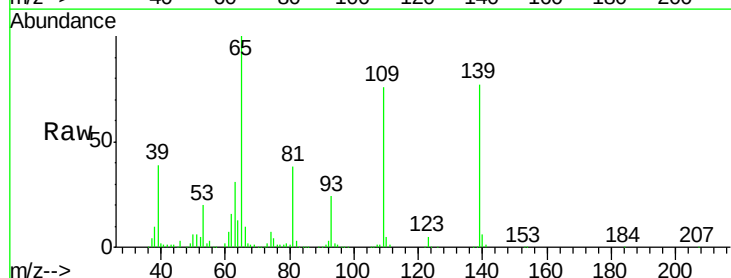
Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

Tot Ion:168 Resp: 1294639  
Ion Ratio Lower Upper  
168 100  
139 37.0 31.1 46.7  
169 13.3 10.6 16.0

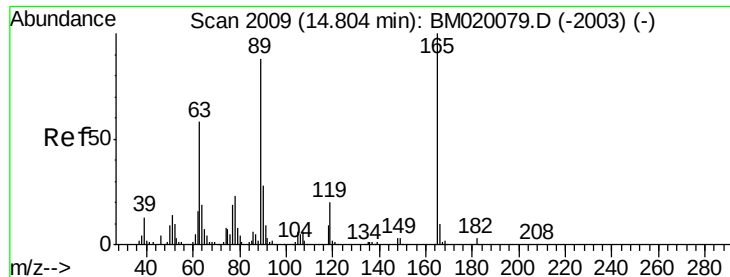


#56  
4-Nitrophenol  
Concen: 76.387 ng  
RT: 14.66 min Scan# 1985  
Delta R.T. 0.02 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion:139 Resp: 365033  
Ion Ratio Lower Upper  
139 100  
109 99.5 94.1 134.1  
65 130.5 120.9 160.9



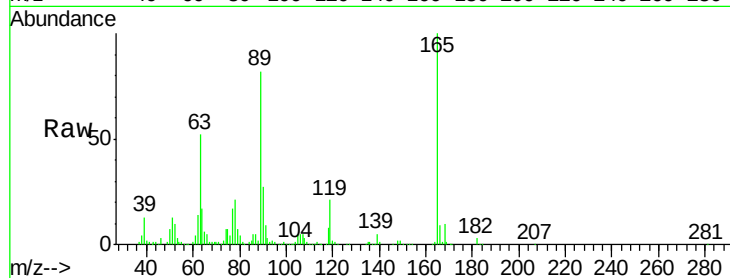




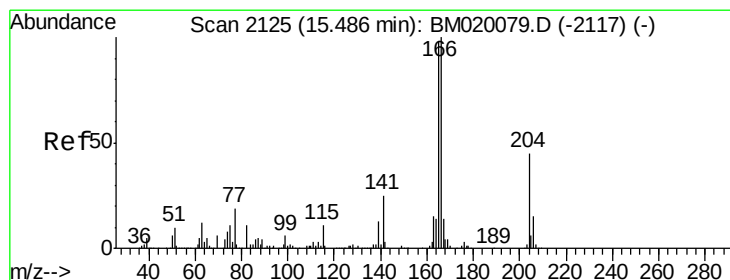
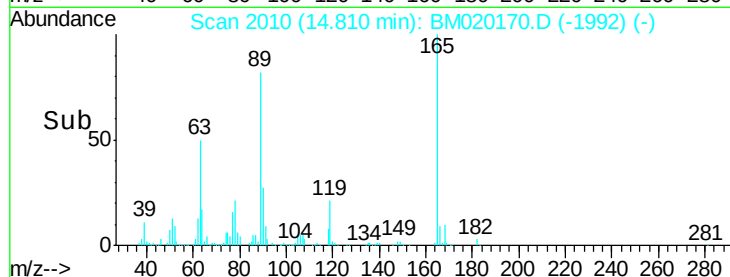
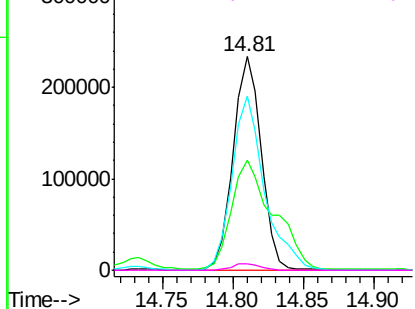
#57  
 2,4-Dinitrotoluene  
 Concen: 39.680 ng  
 RT: 14.81 min Scan# 2010  
 Delta R.T. 0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

Tot Ion:165 Resp: 325377  
 Ion Ratio Lower Upper  
 165 100  
 63 51.6 46.2 69.2  
 89 81.8 70.6 105.8  
 182 3.0 2.2 3.2

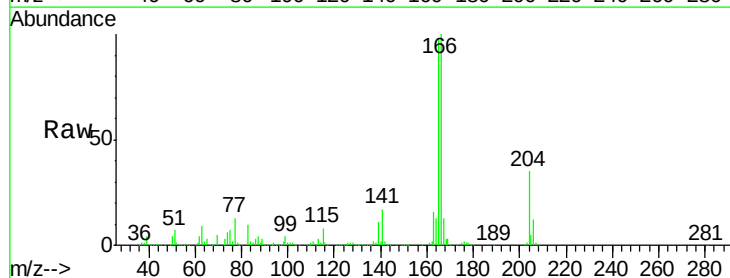


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM0  
 Ion 89.00 (88.70 to 89.70): BM0  
 Ion 182.00 (181.70 to 182.70): E

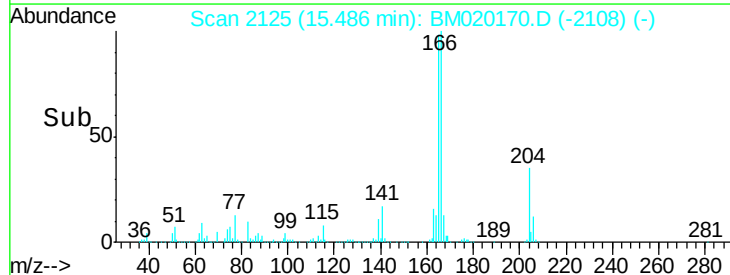
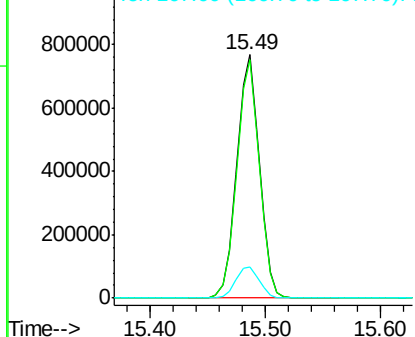


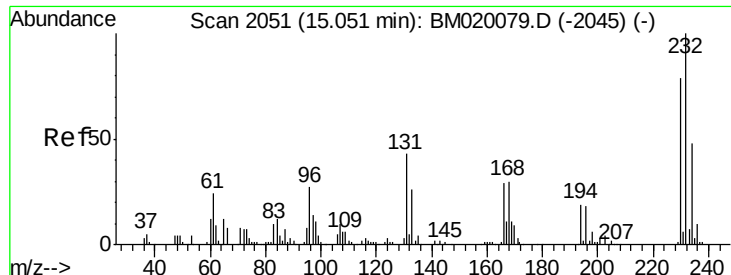
#58  
 Fluorene  
 Concen: 36.870 ng  
 RT: 15.49 min Scan# 2125  
 Delta R.T. 0.00 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Tgt Ion:166 Resp: 1038463  
 Ion Ratio Lower Upper  
 166 100  
 165 98.0 78.2 117.2  
 167 12.8 11.0 16.4



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

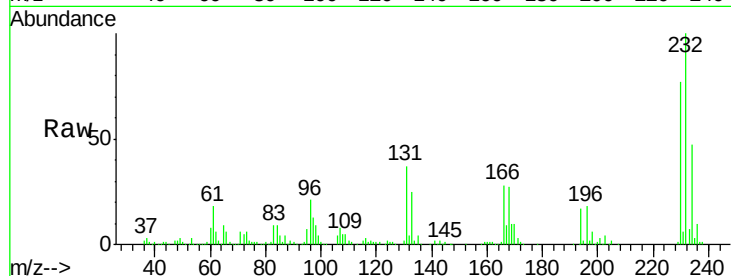




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.417 ng  
RT: 15.06 min Scan# 2053  
Delta R.T. 0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 329577 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.4  | 34.2  | 51.4   |
| 130      | 2.2   | 2.0   | 3.0    |
| 166      | 28.6  | 23.8  | 35.8   |

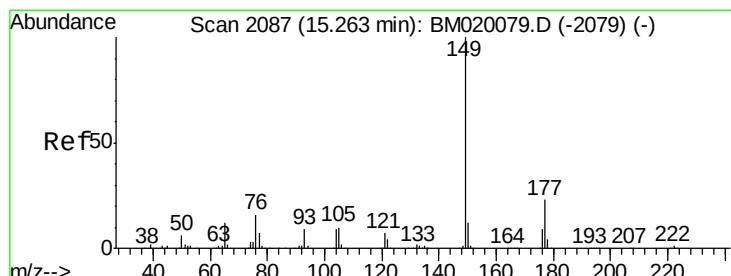
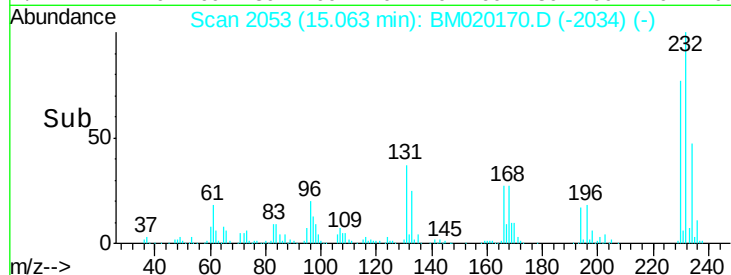
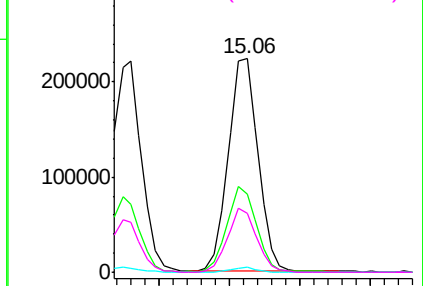


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

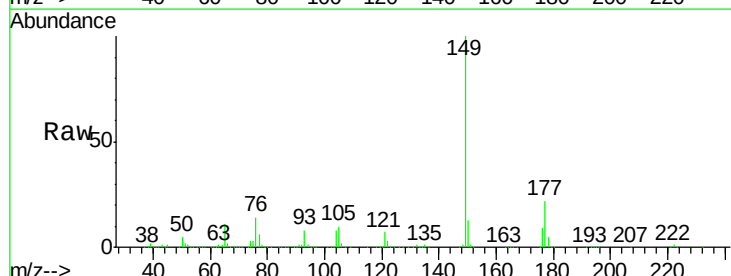
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
Diethylphthalate  
Concen: 37.156 ng  
RT: 15.26 min Scan# 2086  
Delta R.T. -0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

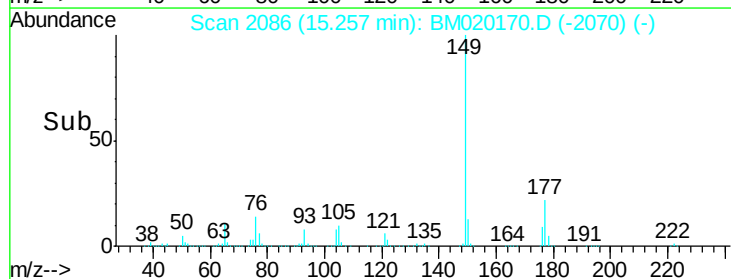
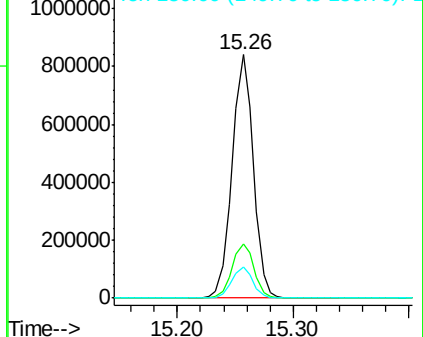
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1072540 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.4  | 18.2  | 27.4    |
| 150      | 12.7  | 9.9   | 14.9    |

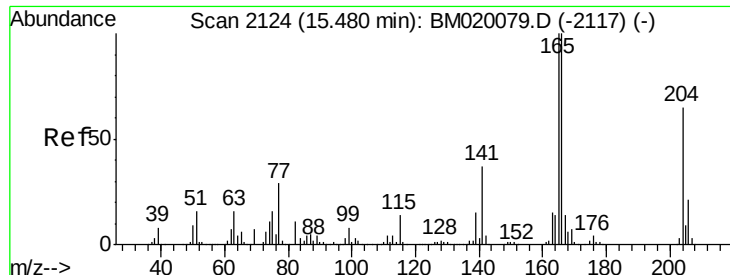


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

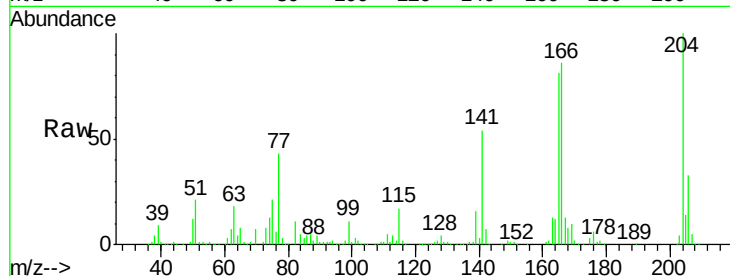




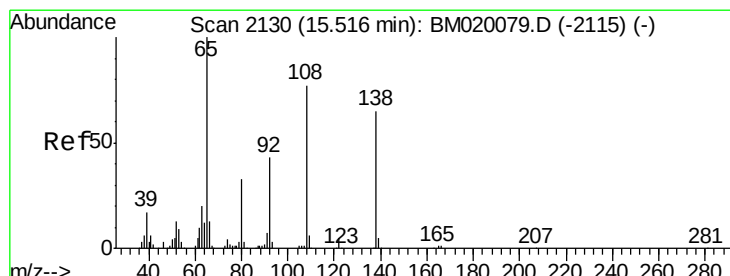
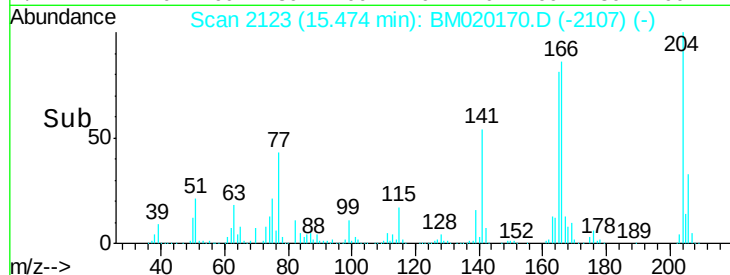
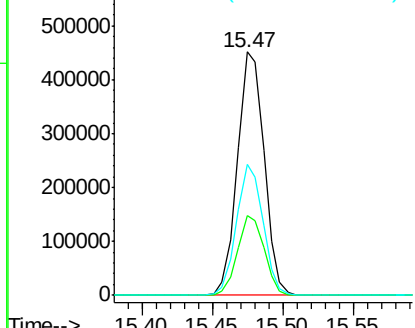
#61  
 4-Chlorophenyl-phenylether  
 Concen: 37.492 ng  
 RT: 15.47 min Scan# 2123  
 Delta R.T. -0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

Tot Ion:204 Resp: 598330  
 Ion Ratio Lower Upper  
 204 100  
 206 32.7 25.6 38.4  
 141 53.6 46.1 69.1

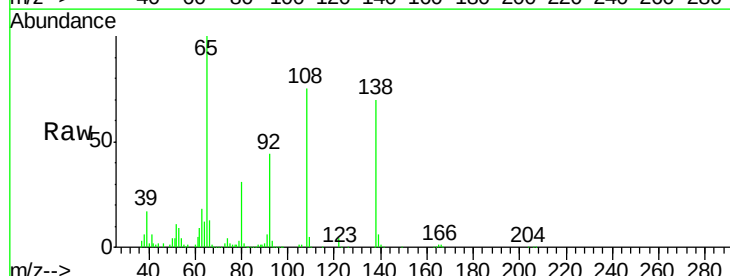


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

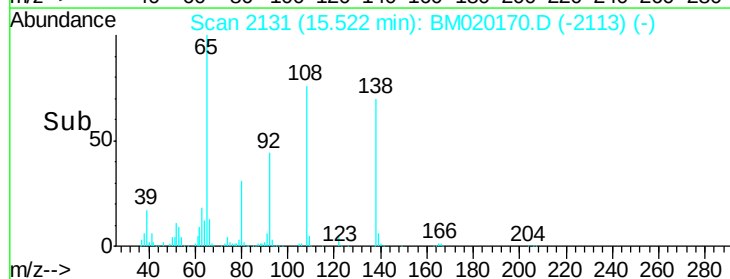
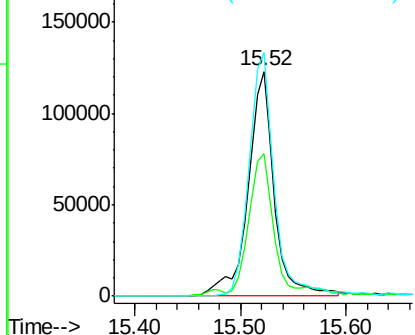


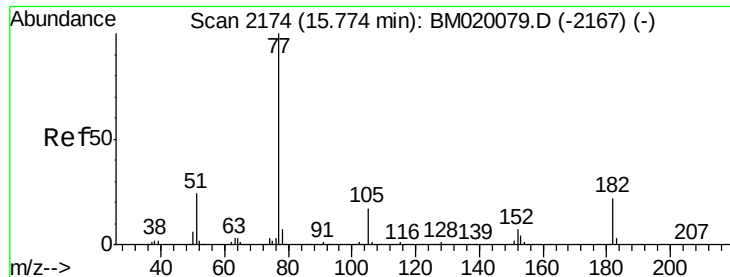
#62  
 4-Nitroaniline  
 Concen: 34.615 ng  
 RT: 15.52 min Scan# 2131  
 Delta R.T. 0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Tgt Ion:138 Resp: 213955  
 Ion Ratio Lower Upper  
 138 100  
 92 63.6 45.9 85.9  
 108 108.4 97.7 137.7



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

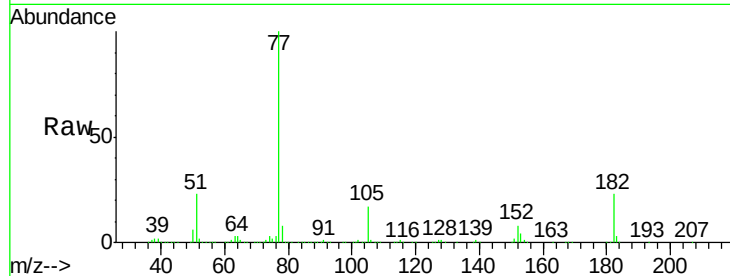




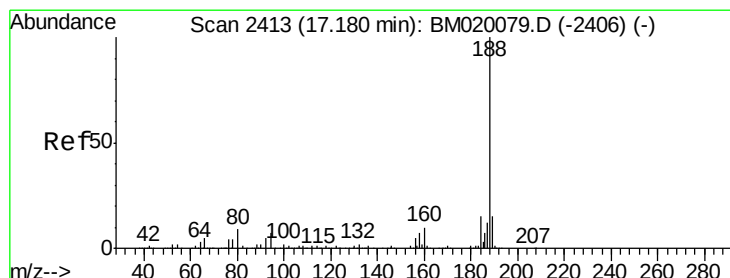
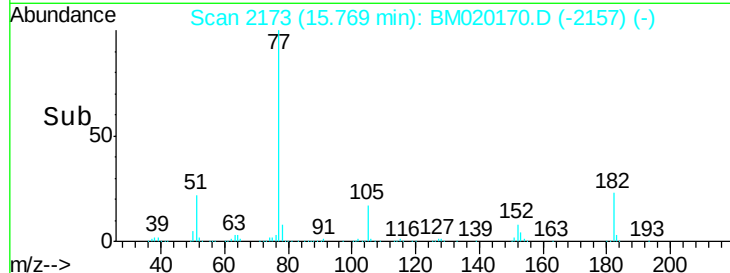
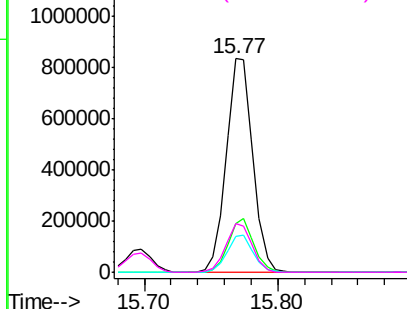
#63  
Azobenzene  
Concen: 34.195 ng  
RT: 15.77 min Scan# 2173  
Delta R.T. -0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

Tot Ion: 77 Resp: 1164493  
Ion Ratio Lower Upper  
77 100  
182 22.7 2.1 42.1  
105 17.0 0.0 36.8  
51 22.6 3.8 43.8

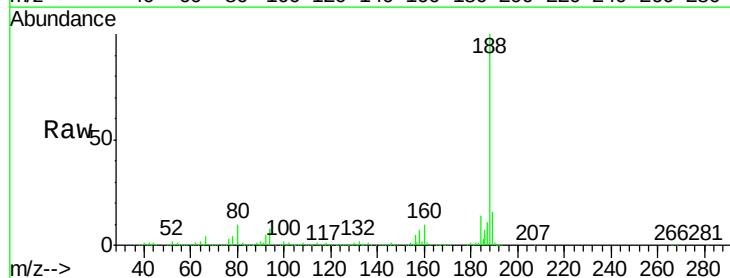


Abundance Ion 77.00 (76.70 to 77.70): BM020170.D (-2157) (-)  
Ion 182.00 (181.70 to 182.70): BM020170.D (-2157) (-)  
Ion 105.00 (104.70 to 105.70): BM020170.D (-2157) (-)  
Ion 51.00 (50.70 to 51.70): BM020170.D (-2157) (-)

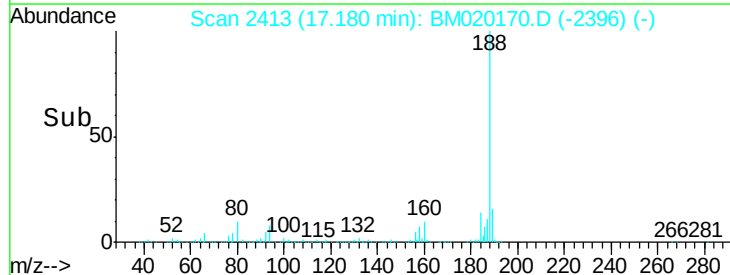
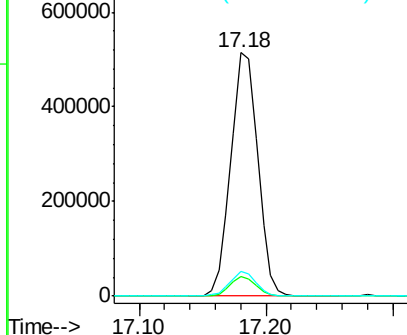


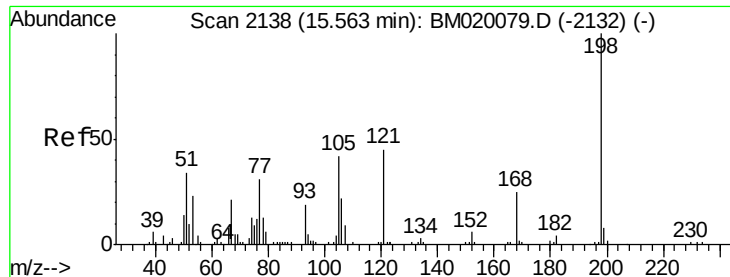
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.18 min Scan# 2413  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion: 188 Resp: 757821  
Ion Ratio Lower Upper  
188 100  
94 8.1 5.8 8.6  
80 10.1 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): BM020170.D (-2396) (-)  
Ion 94.00 (93.70 to 94.70): BM020170.D (-2396) (-)  
Ion 80.00 (79.70 to 80.70): BM020170.D (-2396) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 44.943 ng

RT: 15.57 min Scan# 2139

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

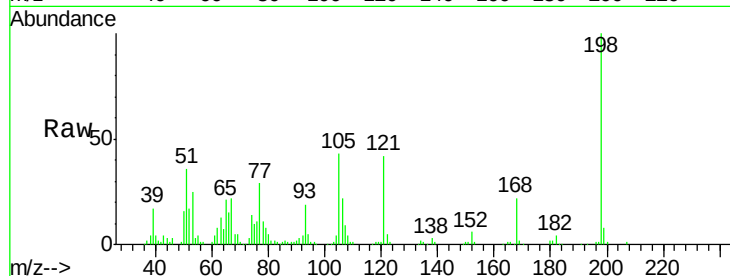
Tot Ion:198 Resp: 169797

Ion Ratio Lower Upper

198 100

51 35.6 16.5 56.5

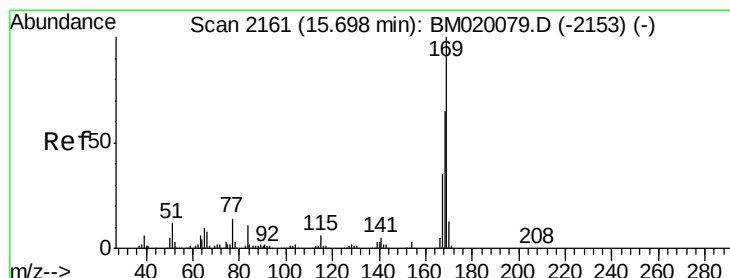
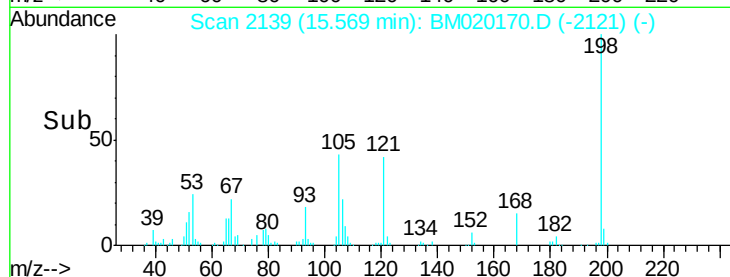
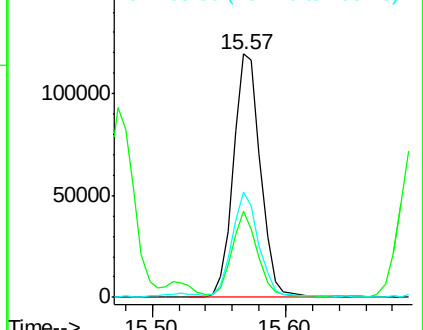
105 43.1 22.8 62.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.225 ng

RT: 15.70 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

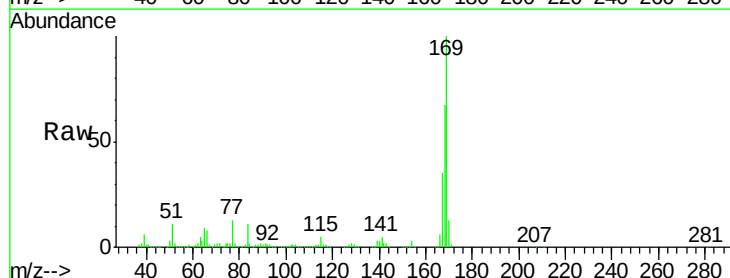
Tgt Ion:169 Resp: 896985

Ion Ratio Lower Upper

169 100

168 67.3 51.9 77.9

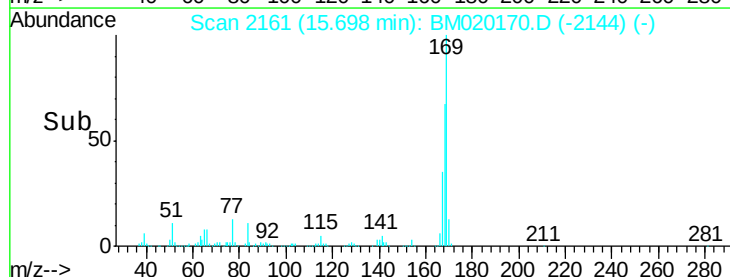
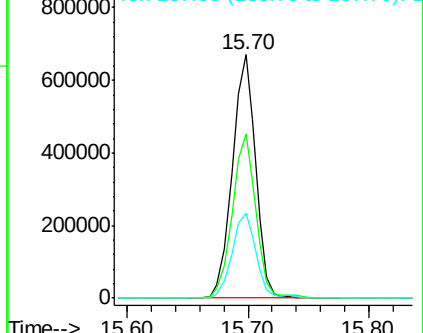
167 34.9 27.8 41.6

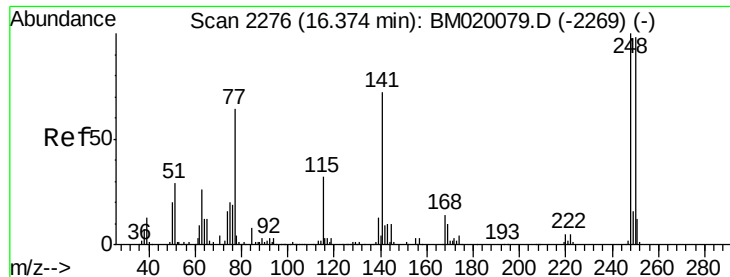


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

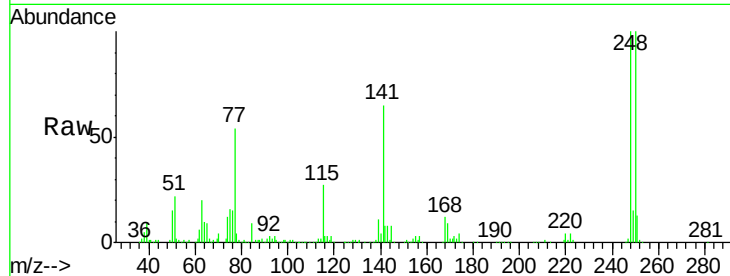




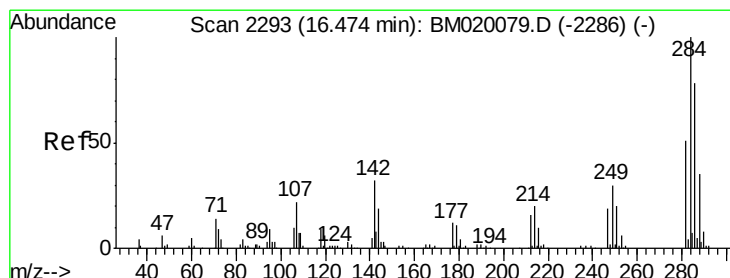
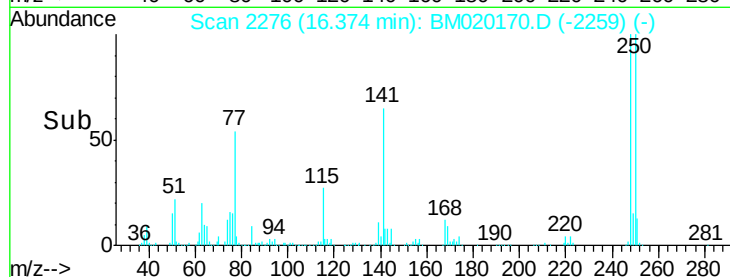
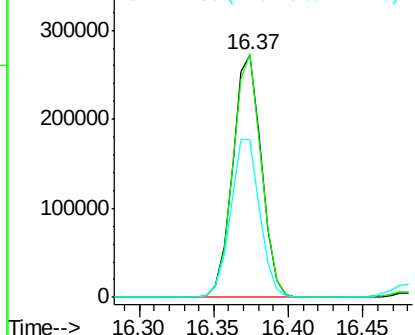
#67  
4-Bromophenyl-phenylether  
Concen: 39.438 ng  
RT: 16.37 min Scan# 2276  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

Tot Ion:248 Resp: 366489  
Ion Ratio Lower Upper  
248 100  
250 100.2 78.4 117.6  
141 65.1 57.4 86.2

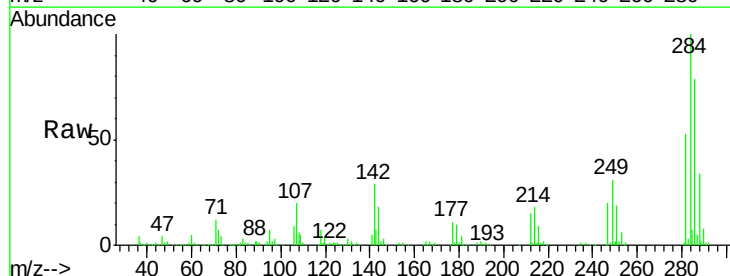


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

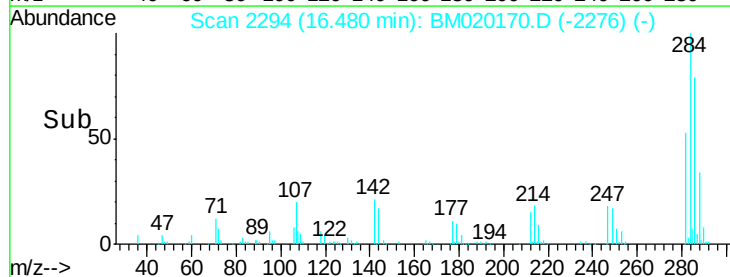
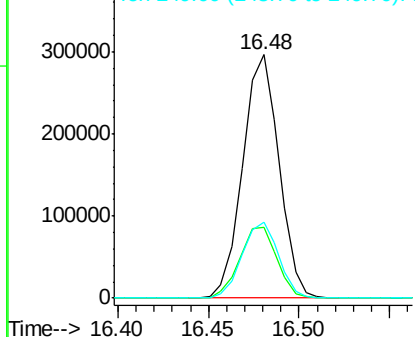


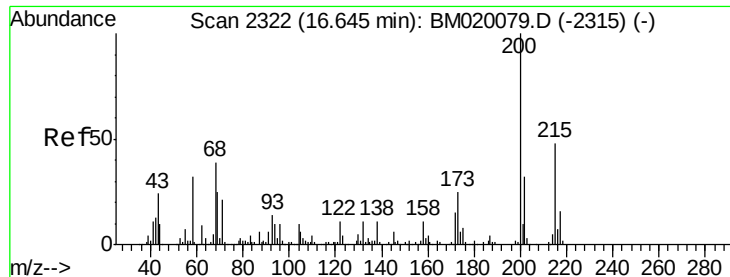
#68  
Hexachlorobenzene  
Concen: 38.491 ng  
RT: 16.48 min Scan# 2294  
Delta R.T. 0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion:284 Resp: 411611  
Ion Ratio Lower Upper  
284 100  
142 29.0 25.2 37.8  
249 31.0 23.6 35.4



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: 35.287 ng

RT: 16.64 min Scan# 2322

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

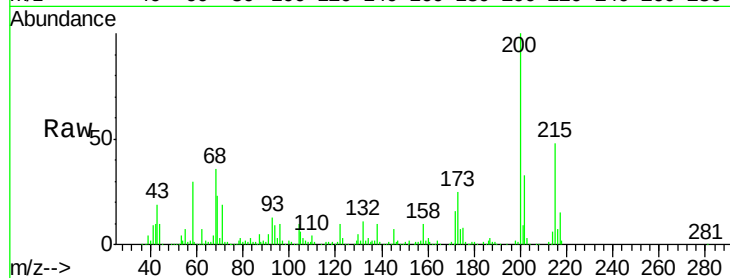
Tot Ion:200 Resp: 307511

Ion Ratio Lower Upper

200 100

173 24.7 4.6 44.6

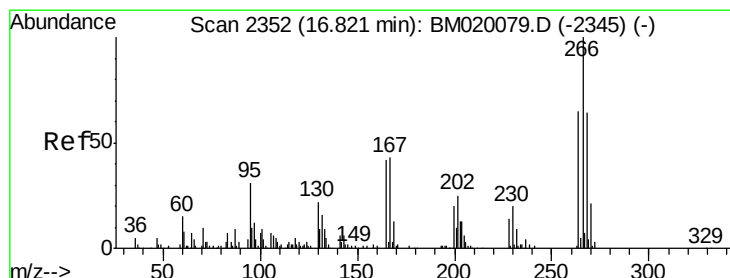
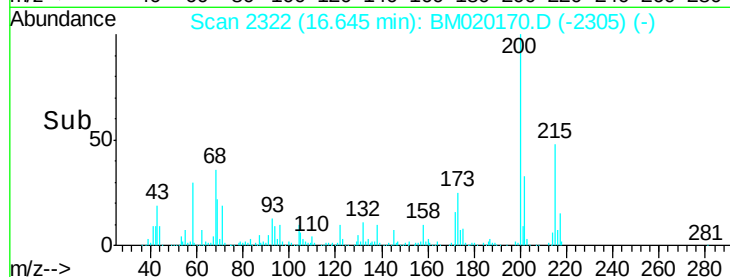
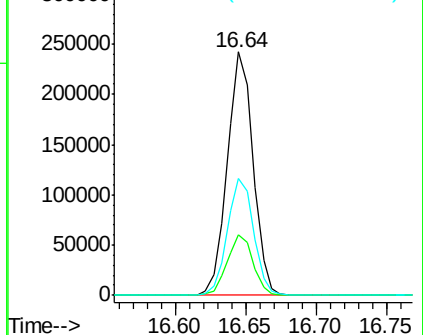
215 48.2 28.0 68.0



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: 85.530 ng

RT: 16.83 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

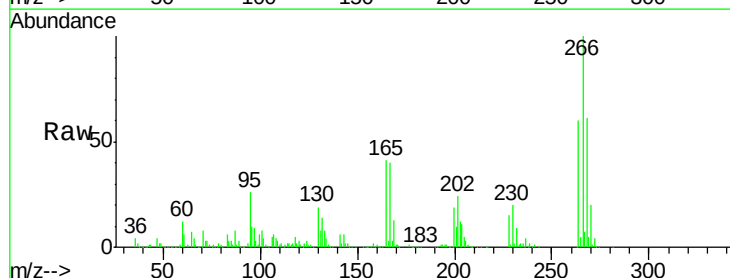
Tgt Ion:266 Resp: 523312

Ion Ratio Lower Upper

266 100

268 61.4 51.4 77.0

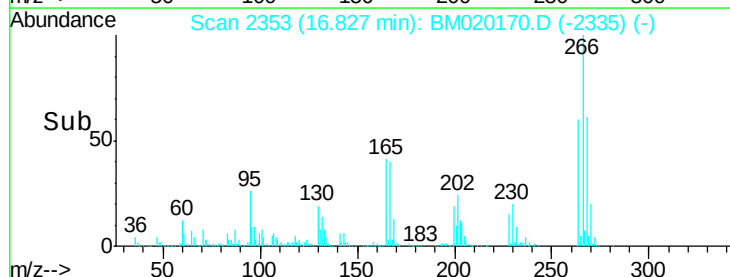
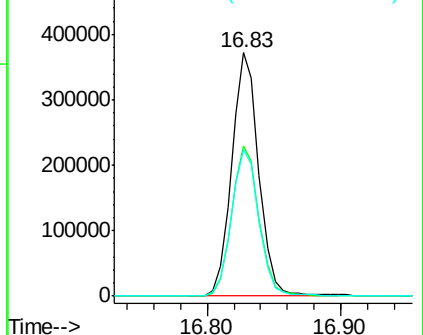
264 60.2 52.0 78.0

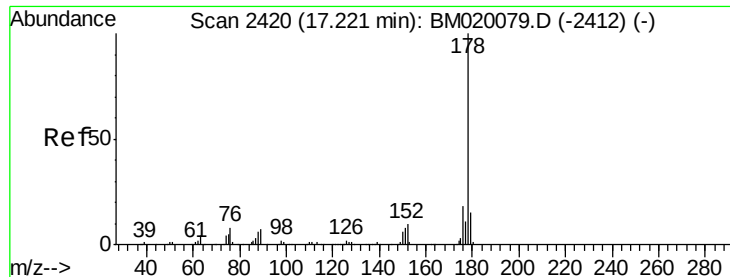


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

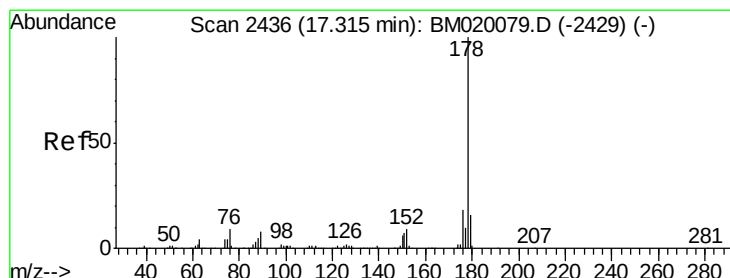
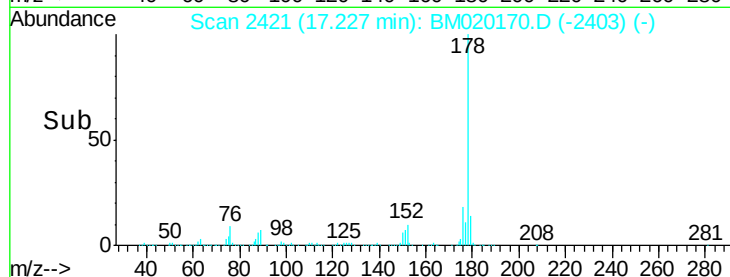
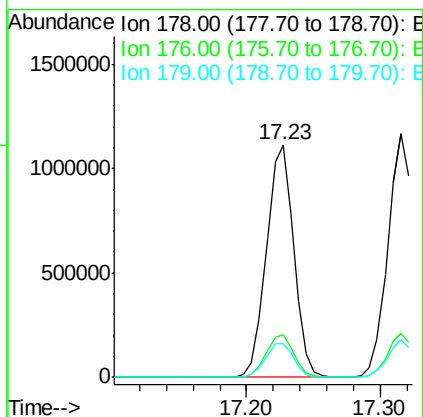
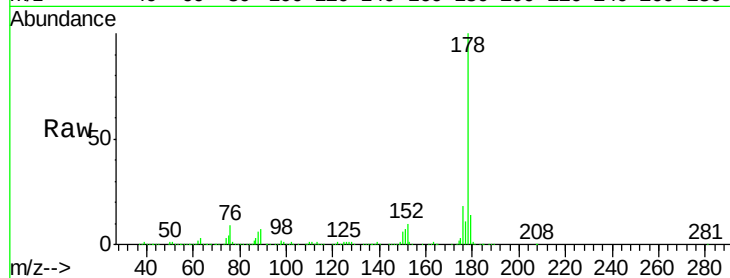




#71  
Phenanthrene  
Concen: 37.749 ng  
RT: 17.23 min Scan# 2421  
Delta R.T. 0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

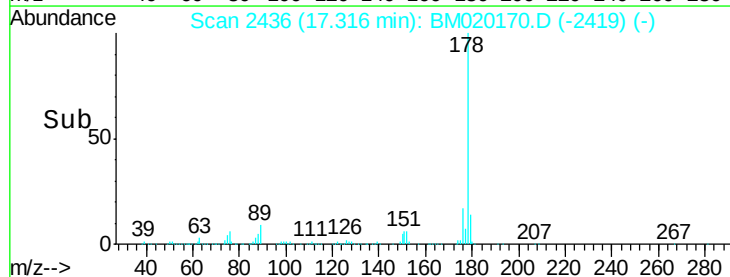
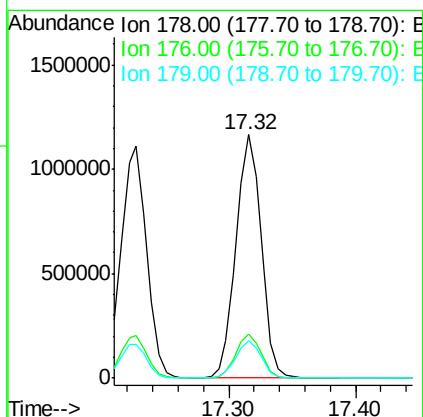
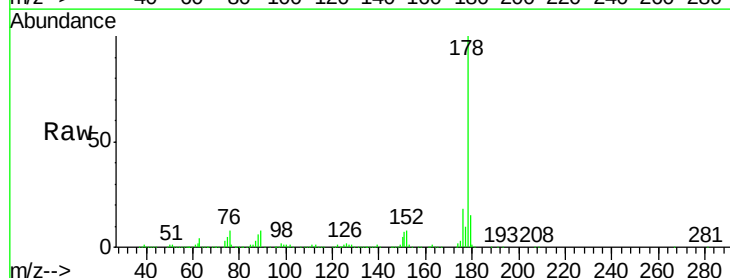
Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

Tot Ion:178 Resp: 1579139  
Ion Ratio Lower Upper  
178 100  
176 18.2 14.6 21.8  
179 14.5 12.4 18.6

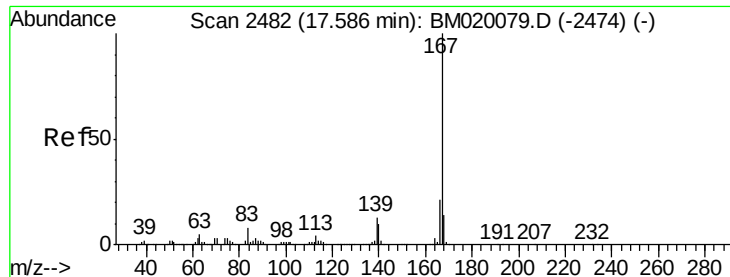


#72  
Anthracene  
Concen: 38.263 ng  
RT: 17.32 min Scan# 2436  
Delta R.T. 0.00 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion:178 Resp: 1600329  
Ion Ratio Lower Upper  
178 100  
176 18.1 14.6 22.0  
179 15.3 12.4 18.6







#73

Carbazole

Concen: 36.913 ng

RT: 17.59 min Scan# 2483

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

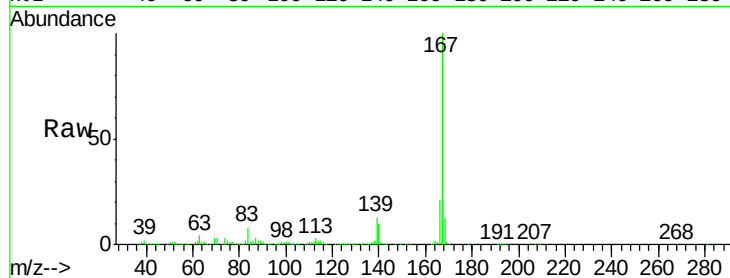
Tot Ion:167 Resp: 1393066

Ion Ratio Lower Upper

167 100

166 20.9 17.0 25.6

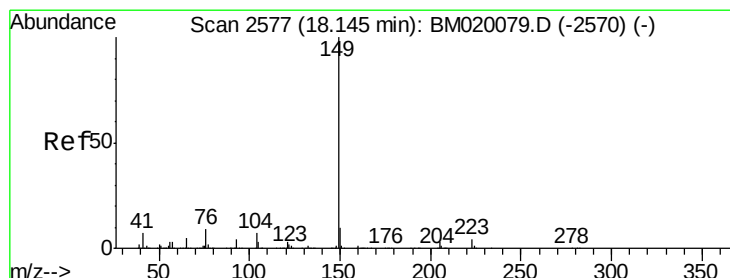
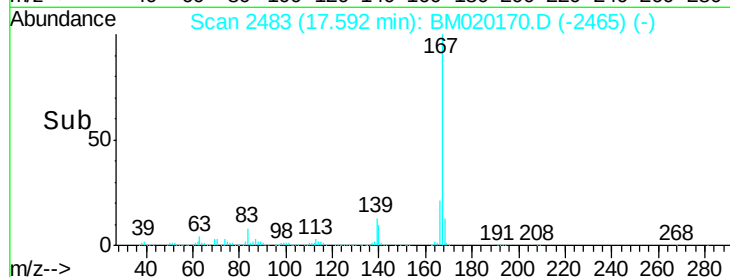
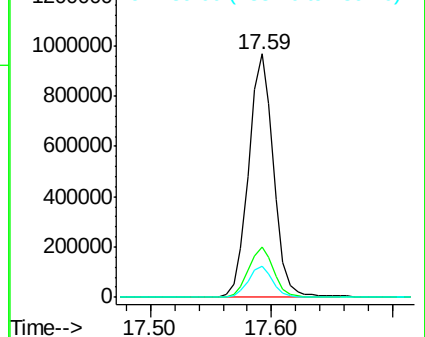
139 12.8 10.6 16.0



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: 37.569 ng

RT: 18.14 min Scan# 2576

Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

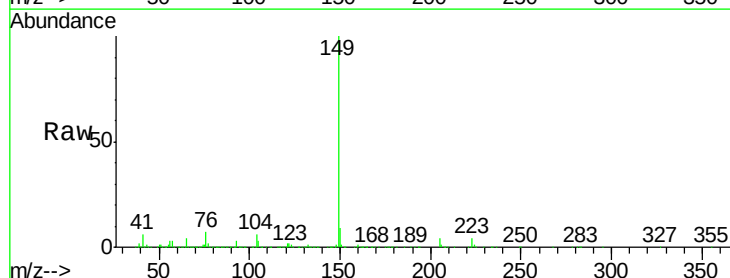
Tgt Ion:149 Resp: 1706294

Ion Ratio Lower Upper

149 100

150 9.1 7.8 11.6

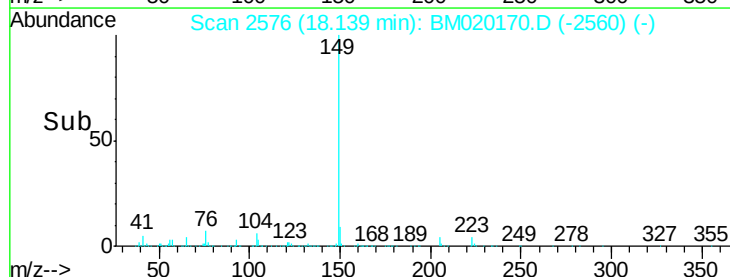
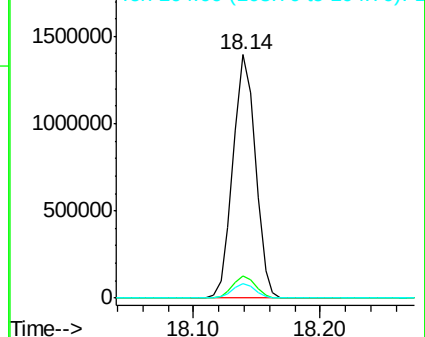
104 6.1 5.7 8.5

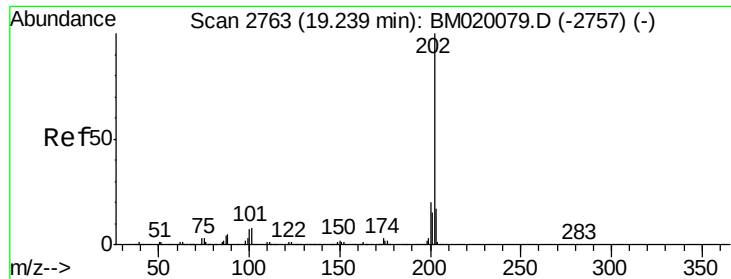


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.294 ng

RT: 19.24 min Scan# 2763

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

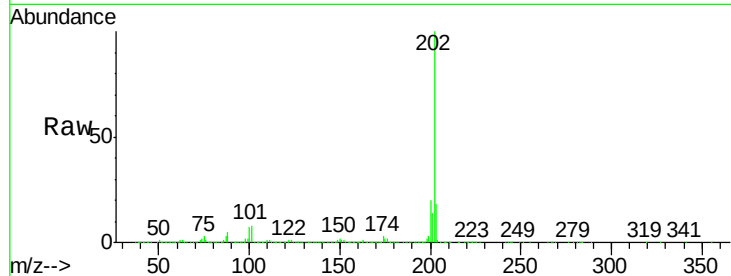
Tot Ion:202 Resp: 1920985

Ion Ratio Lower Upper

202 100

101 8.1 0.0 28.4

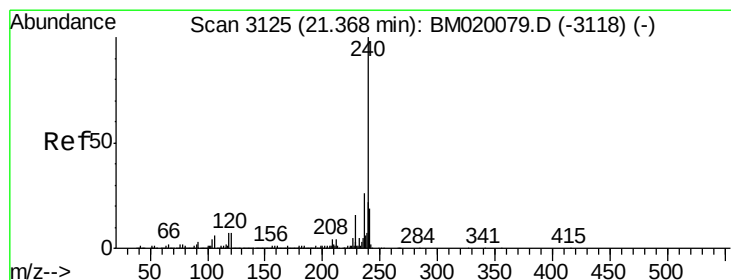
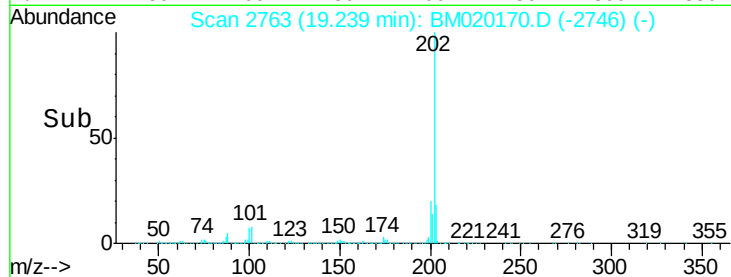
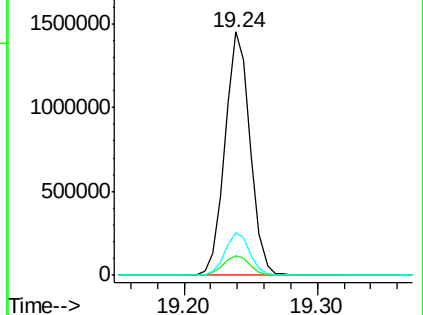
203 17.7 0.0 37.4



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: 21.36 min Scan# 3124

Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

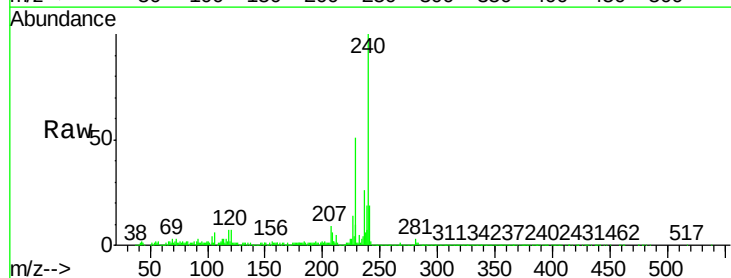
Tgt Ion:240 Resp: 774542

Ion Ratio Lower Upper

240 100

120 7.4 5.6 8.4

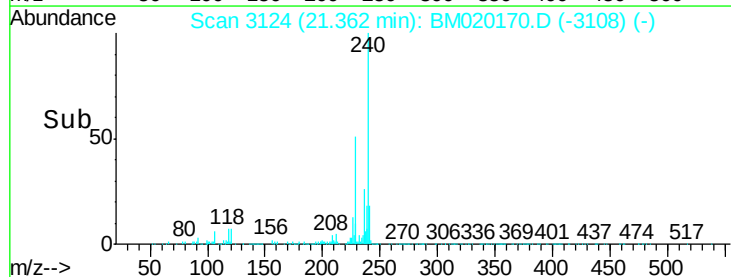
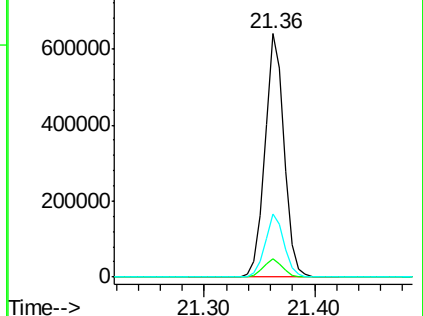
236 25.9 20.9 31.3

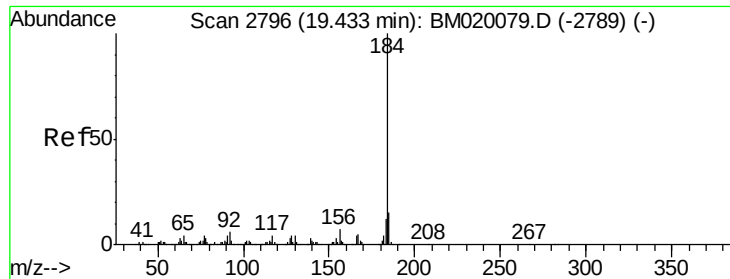


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.449 ng

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

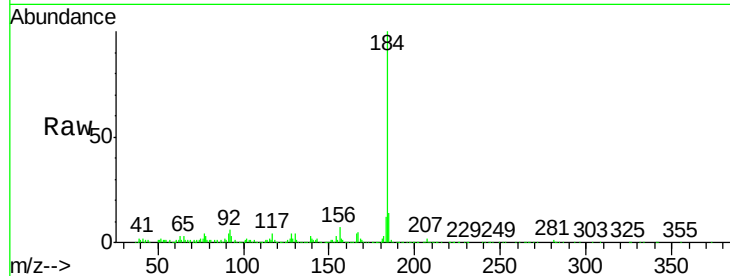
Tot Ion:184 Resp: 729238

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

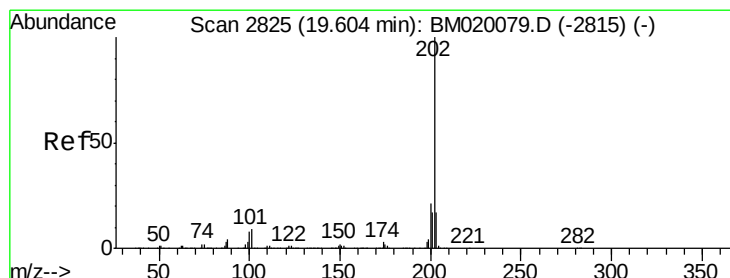
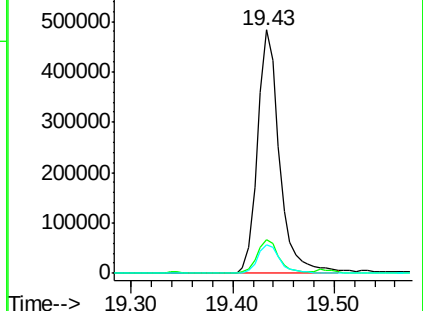
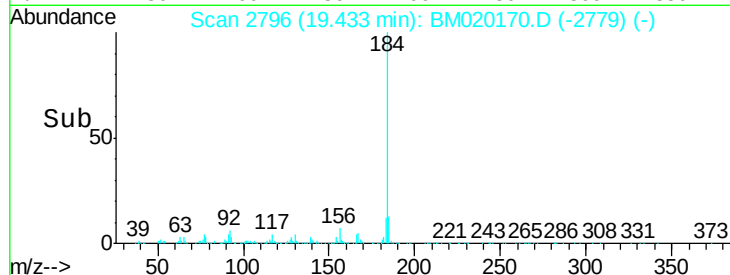
183 11.7 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.261 ng

RT: 19.60 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

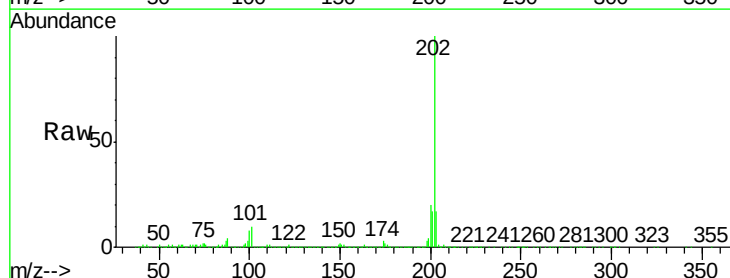
Tgt Ion:202 Resp: 1937667

Ion Ratio Lower Upper

202 100

200 20.3 16.5 24.7

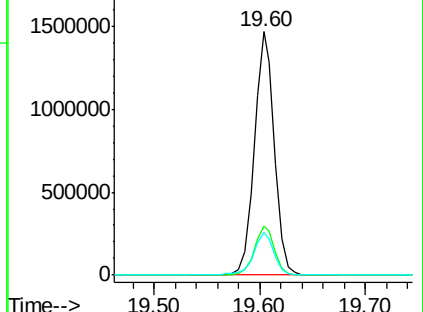
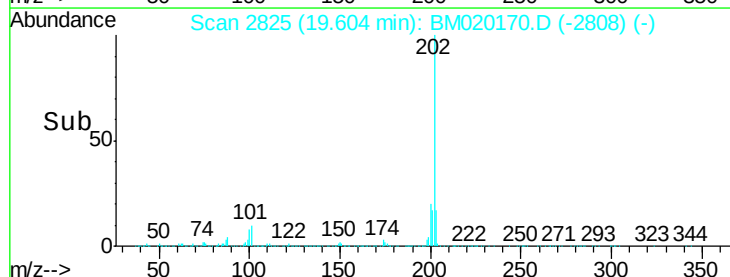
203 17.3 13.9 20.9

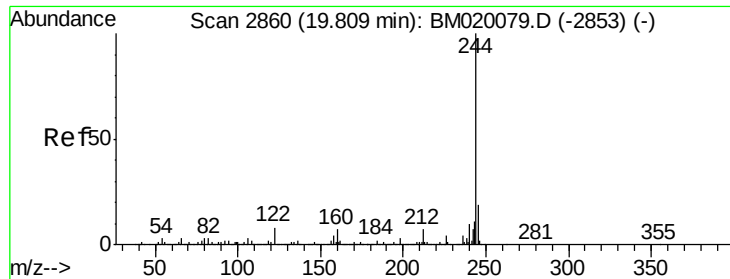


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.497 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

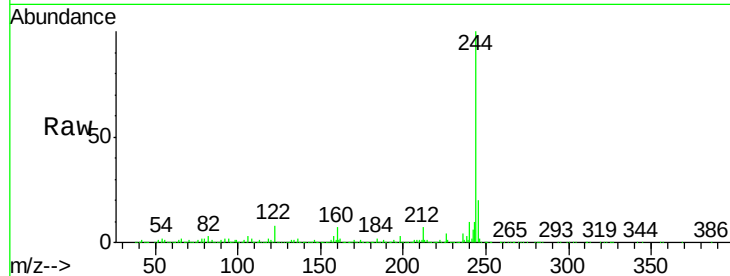
Tot Ion:244 Resp: 3174905

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

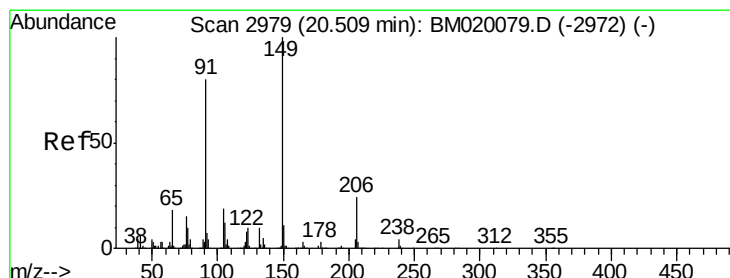
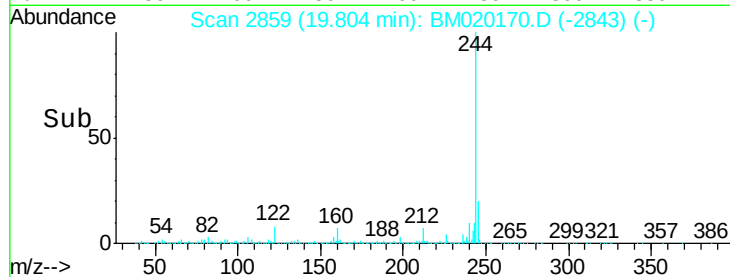
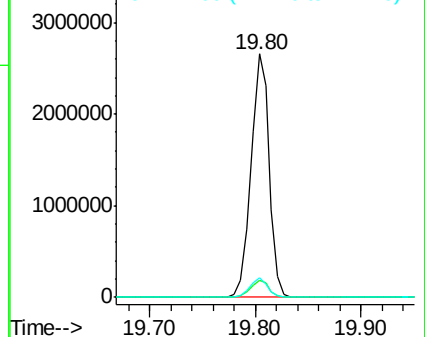
122 8.1 6.2 9.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.926 ng

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

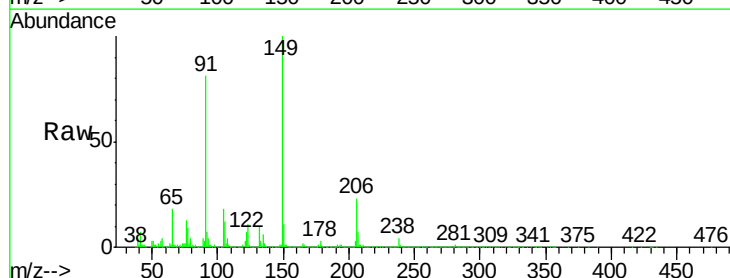
Tgt Ion:149 Resp: 755031

Ion Ratio Lower Upper

149 100

91 80.7 63.8 95.8

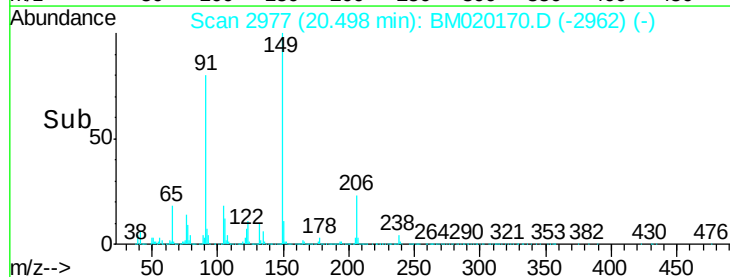
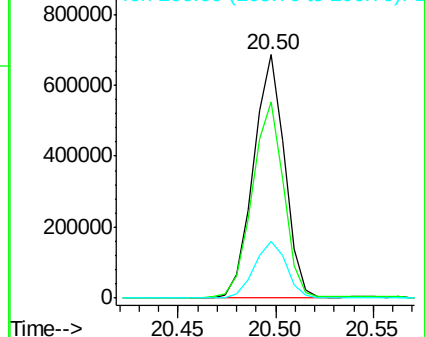
206 23.4 18.9 28.3

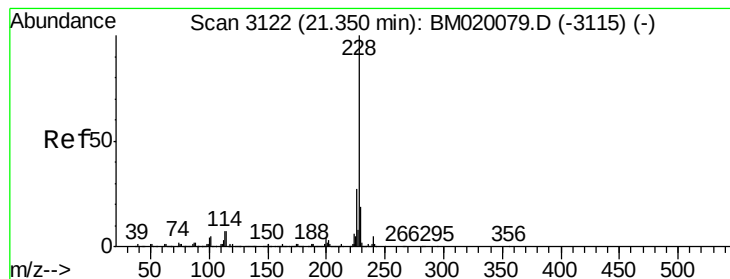


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.663 ng

RT: 21.34 min Scan# 3121

Delta R.T. -0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

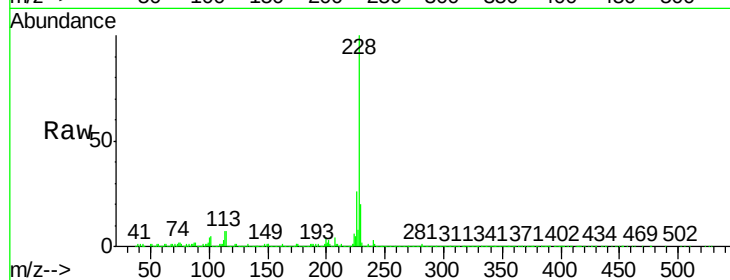
BNA\_M

ClientSampleId :

PB119485BS

Tot Ion:228 Resp: 1991495

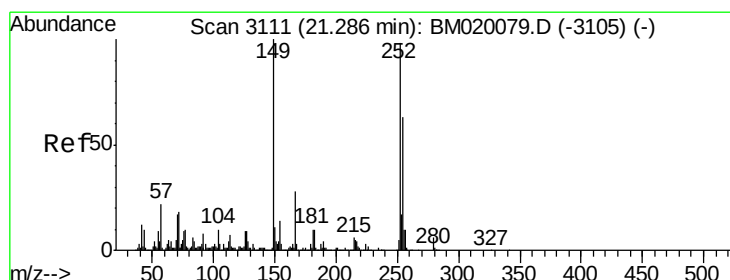
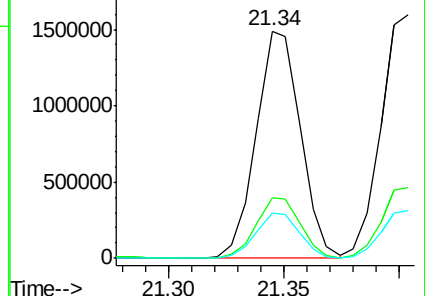
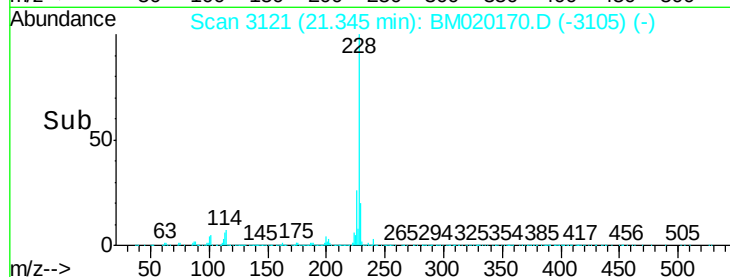
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.4  | 21.3  | 31.9  |
| 229 | 19.6  | 15.5  | 23.3  |



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: 36.967 ng

RT: 21.29 min Scan# 3111

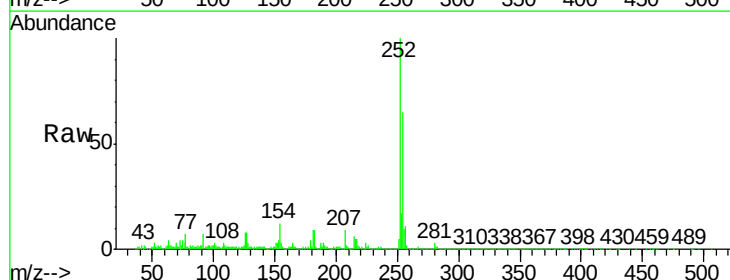
Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Tgt Ion:252 Resp: 766392

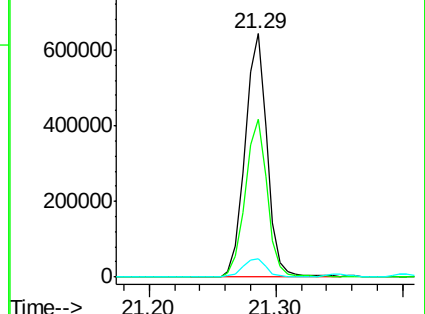
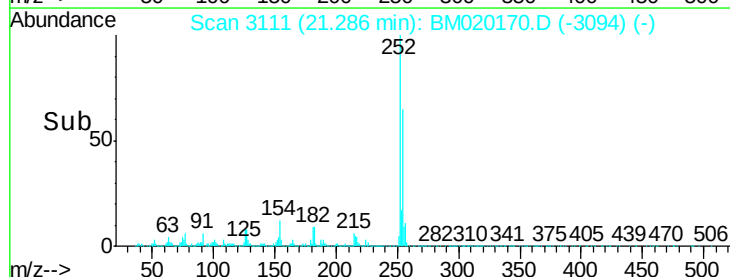
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.6  | 51.1  | 76.7  |
| 126 | 7.7   | 7.1   | 10.7  |

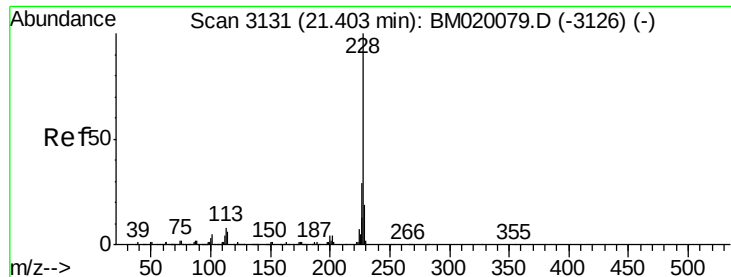


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.839 ng

RT: 21.40 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

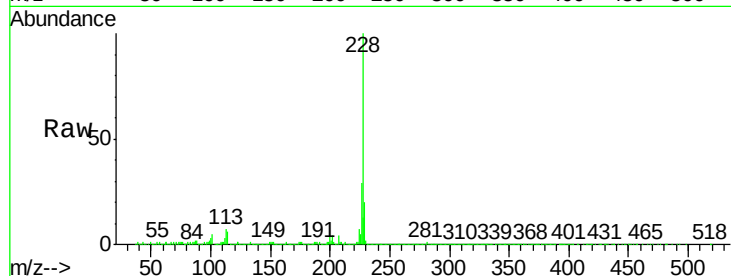
Tot Ion:228 Resp: 1993345

Ion Ratio Lower Upper

228 100

226 29.3 23.0 34.6

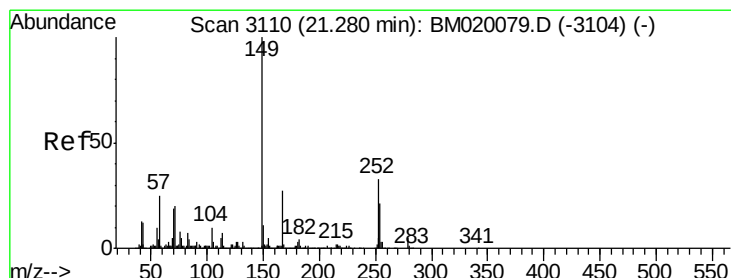
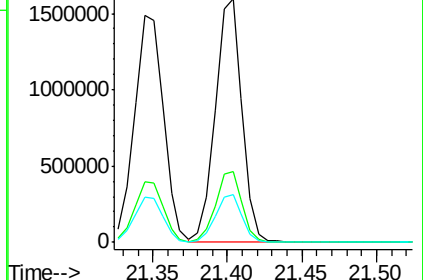
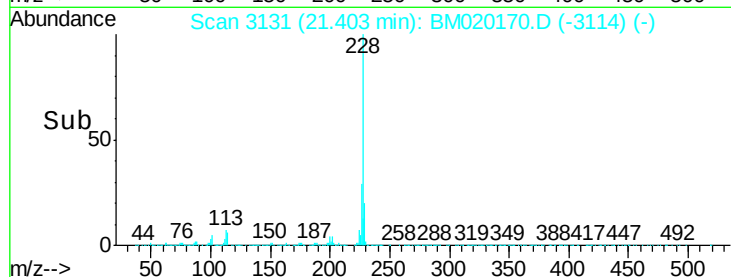
229 19.7 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.564 ng

RT: 21.26 min Scan# 3107

Delta R.T. -0.02 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

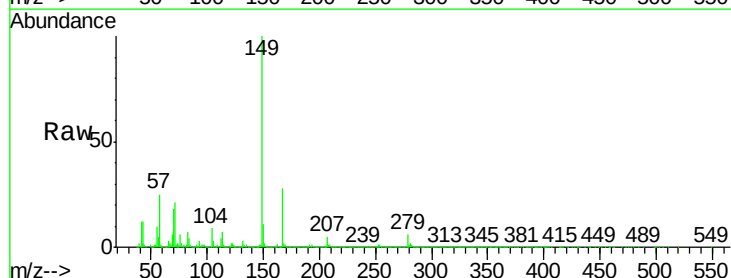
Tgt Ion:149 Resp: 1072956

Ion Ratio Lower Upper

149 100

167 28.2 21.8 32.8

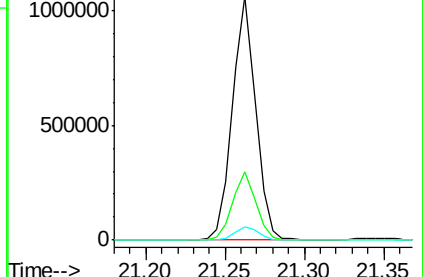
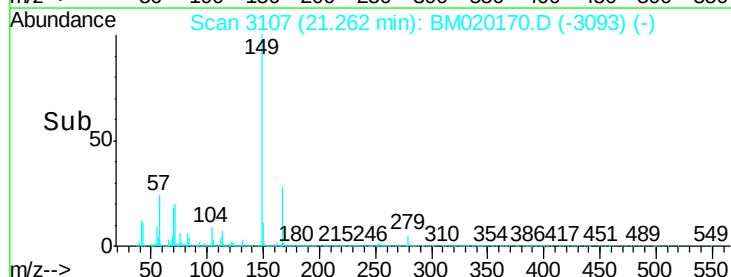
279 5.5 4.2 6.2

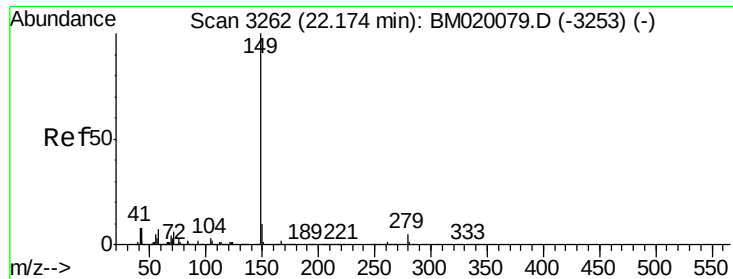


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.197 ng

RT: 22.15 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

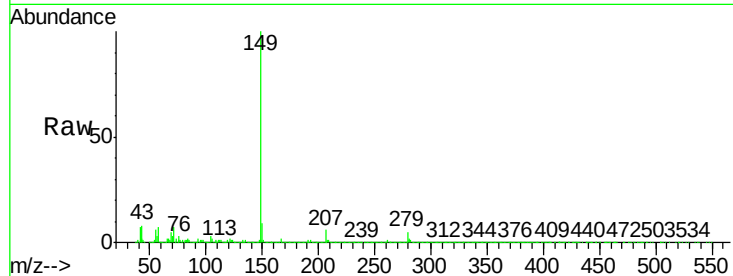
Tot Ion:149 Resp: 1960486

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

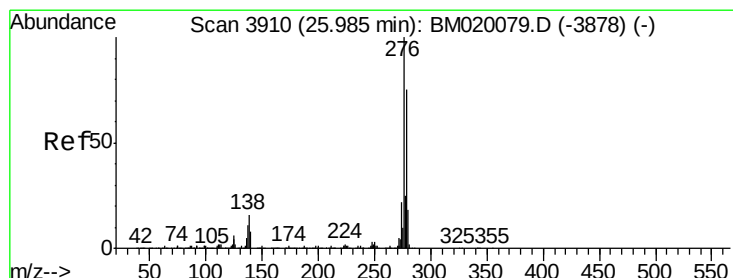
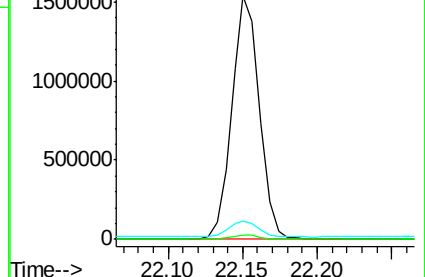
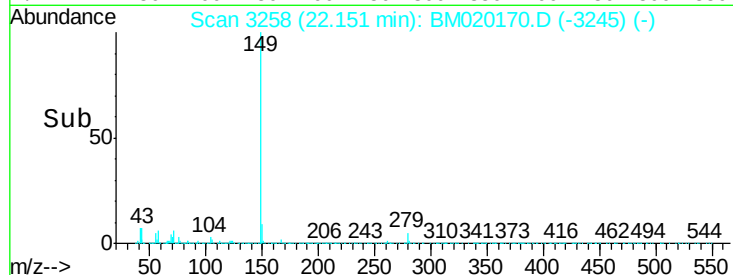
43 7.0 6.5 9.7



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: 46.783 ng

RT: 25.99 min Scan# 3910

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

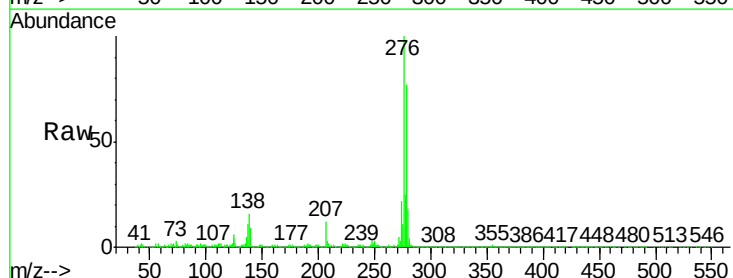
Tgt Ion:276 Resp: 2931492

Ion Ratio Lower Upper

276 100

138 16.3 0.0 0.0#

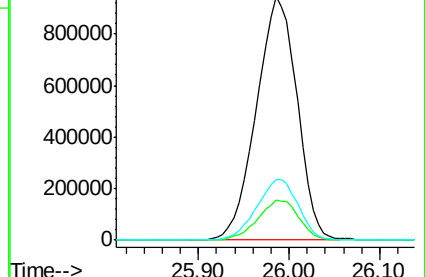
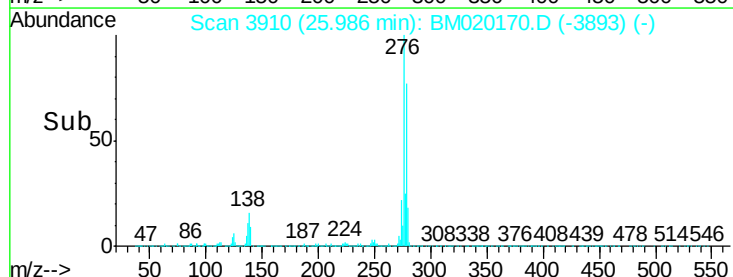
277 25.2 0.0 0.0#

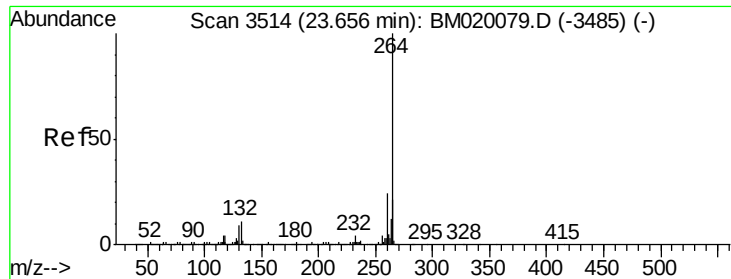


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

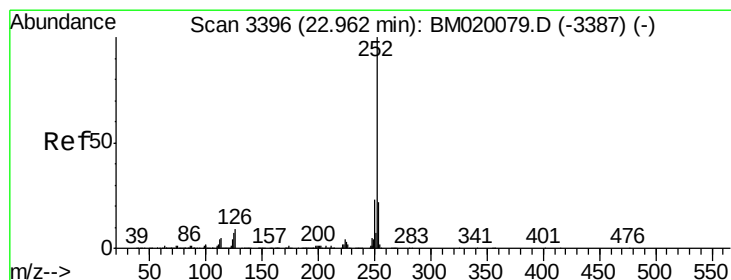
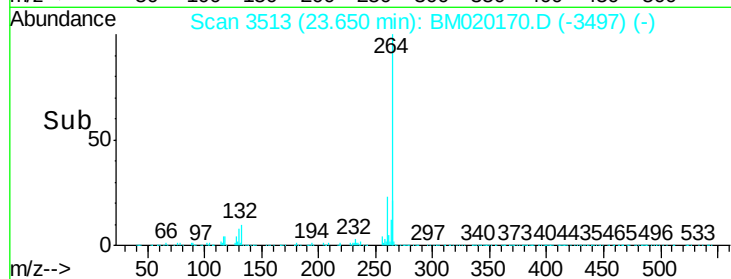
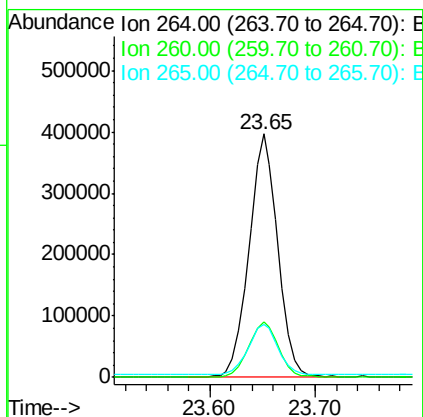
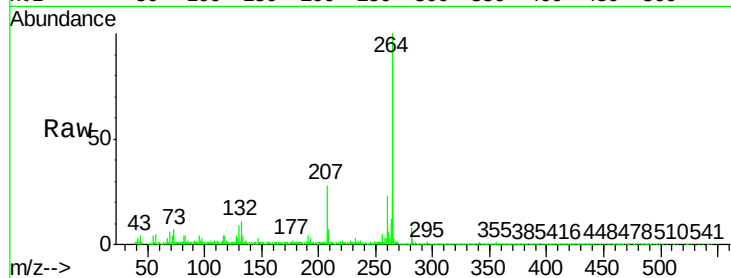




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.65 min Scan# 3513  
 Delta R.T. -0.01 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

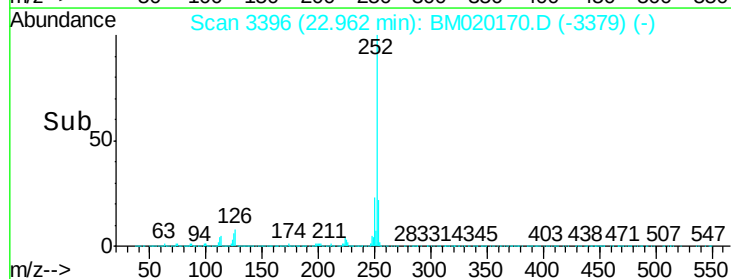
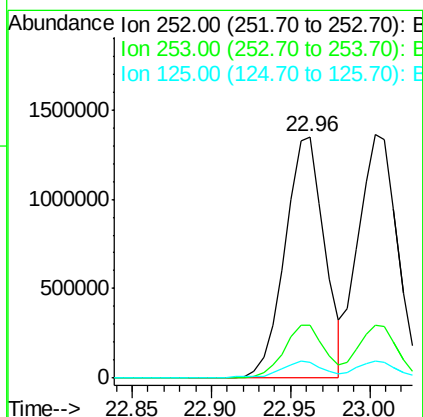
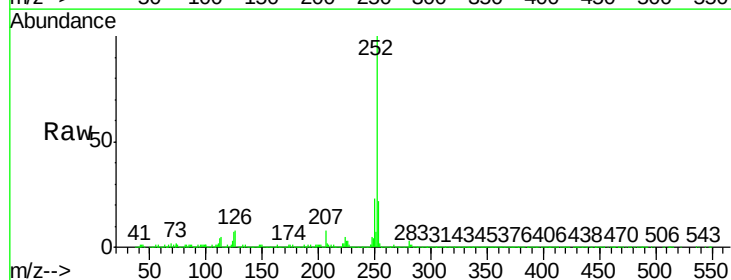
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB119485BS

Tot Ion:264 Resp: 743148  
 Ion Ratio Lower Upper  
 264 100  
 260 22.7 19.2 28.8  
 265 21.9 16.9 25.3

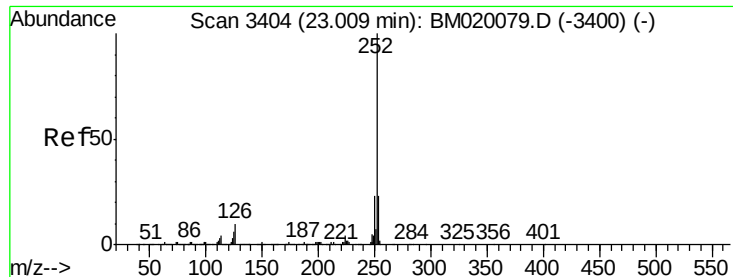


#88  
 Benzo(b)fluoranthene  
 Concen: 47.277 ng  
 RT: 22.96 min Scan# 3396  
 Delta R.T. 0.00 min  
 Lab File: BM020170.D  
 Acq: 07 May 2019 18:14

Tgt Ion:252 Resp: 2320049  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.5 26.3  
 125 6.5 5.4 8.2



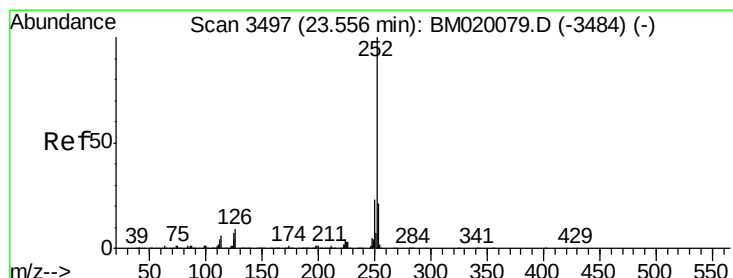
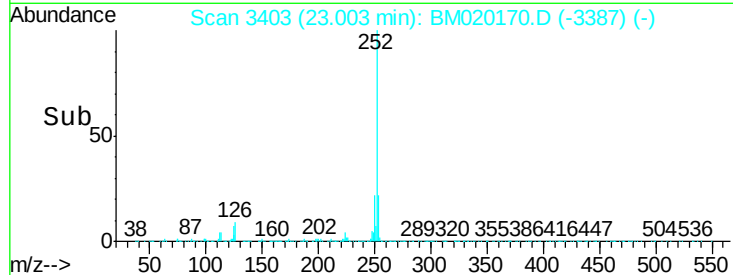
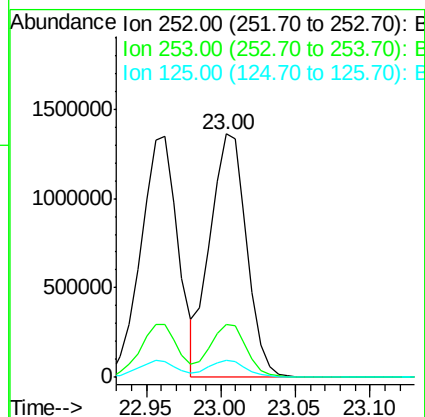
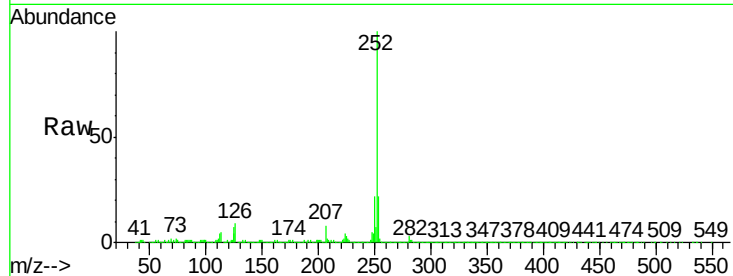




#89  
Benzo(k)fluoranthene  
Concen: 51.763 ng  
RT: 23.00 min Scan# 3403  
Delta R.T. -0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

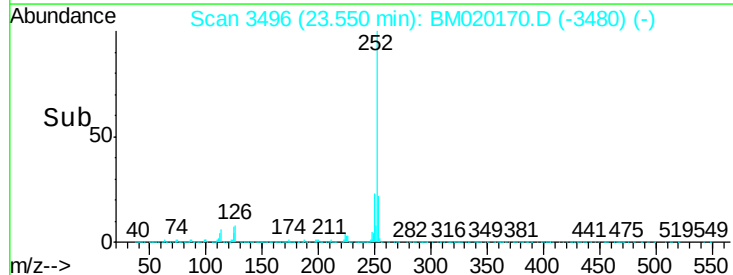
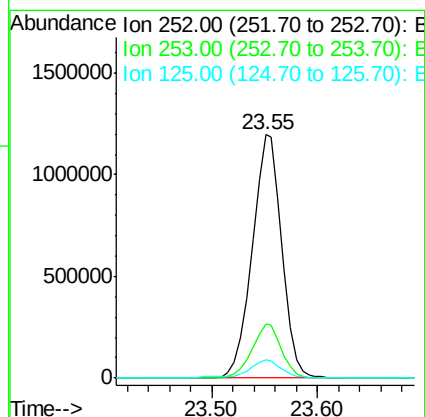
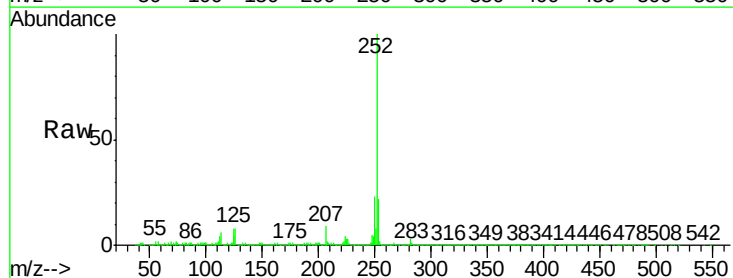
Instrument :  
BNA\_M  
ClientSampleId :  
PB119485BS

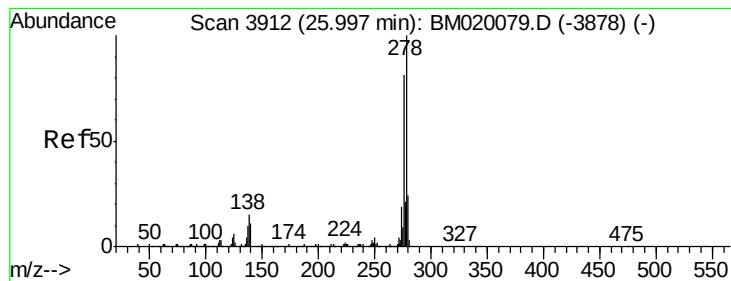
Tot Ion:252 Resp: 2317118  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.8  
125 7.0 5.4 8.0



#90  
Benzo(a)pyrene  
Concen: 51.912 ng  
RT: 23.55 min Scan# 3496  
Delta R.T. -0.01 min  
Lab File: BM020170.D  
Acq: 07 May 2019 18:14

Tgt Ion:252 Resp: 2313947  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.0 25.6  
125 7.6 5.5 8.3





#91

Dibenzo(a,h)anthracene

Concen: 54.889 ng

RT: 26.00 min Scan# 3912

Delta R.T. 0.00 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

Instrument :

BNA\_M

ClientSampleId :

PB119485BS

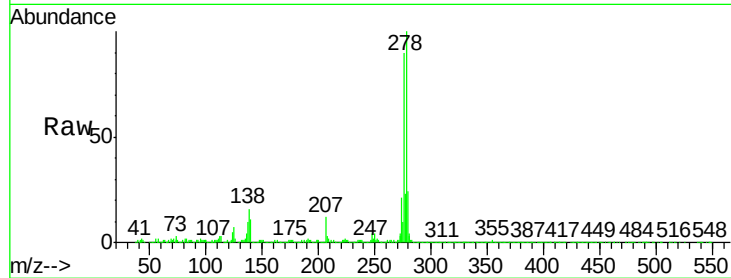
Tot Ion:278 Resp: 2544408

Ion Ratio Lower Upper

278 100

139 11.3 8.6 13.0

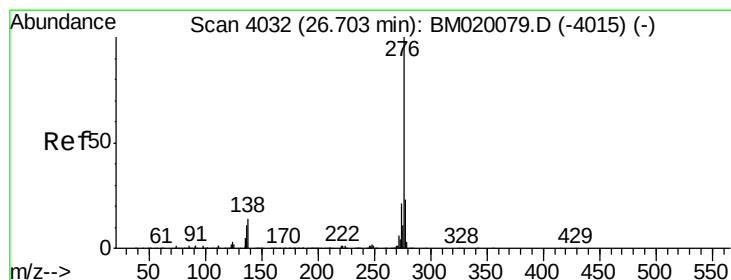
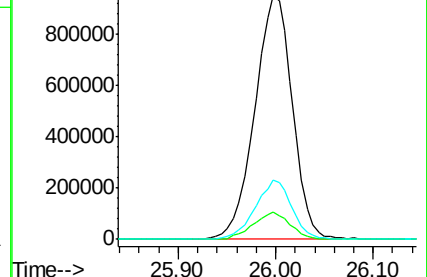
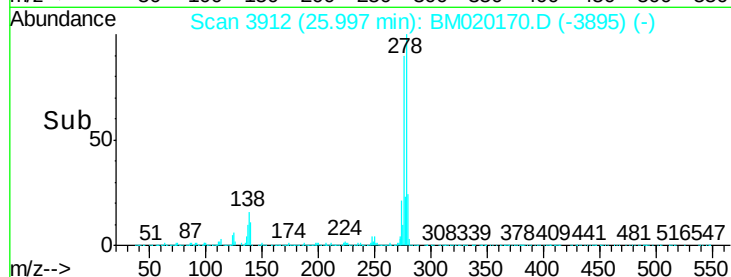
279 24.4 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 55.991 ng

RT: 26.71 min Scan# 4033

Delta R.T. 0.01 min

Lab File: BM020170.D

Acq: 07 May 2019 18:14

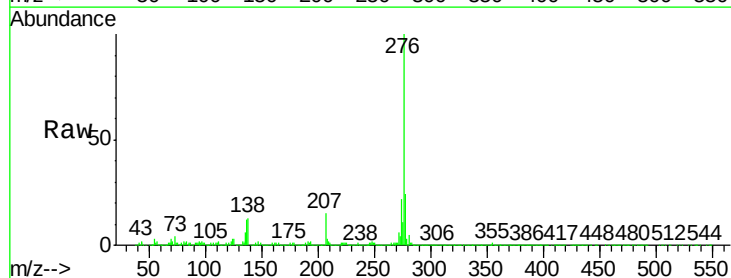
Tgt Ion:276 Resp: 2464188

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 13.1 11.1 16.7



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

