

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013120\  
 Data File : BM024680.D  
 Acq On : 31 Jan 2020 17:59  
 Operator : CG/JU  
 Sample : PB126499BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 01 00:58:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.42  | 152  | 203472   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.18 | 136  | 744470   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.07 | 164  | 513706   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 16.83 | 188  | 1192936  | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.04 | 240  | 1246895  | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 23.15 | 264  | 1397838  | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.07  | 112 | 553299  | 51.71  | ng | -0.01 |
| 7) Phenol-d6             | 6.62  | 99  | 411335  | 27.91  | ng | -0.02 |
| 23) Nitrobenzene-d5      | 8.56  | 82  | 1273400 | 83.88  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.58 | 330 | 895583  | 107.18 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 12.69 | 172 | 3564297 | 94.33  | ng | -0.02 |
| 79) Terphenyl-d14        | 19.49 | 244 | 7124598 | 106.67 | ng | -0.01 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.06  | 88  | 85721   | 20.254 | ng | 92     |
| 3) Pyridine                    | 3.44  | 79  | 172305  | 14.044 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.35  | 42  | 96420   | 17.705 | ng | 88     |
| 6) Aniline                     | 6.76  | 93  | 285120  | 15.891 | ng | 97     |
| 8) 2-Chlorophenol              | 7.00  | 128 | 567133  | 46.564 | ng | 93     |
| 9) Benzaldehyde                | 6.58  | 77  | 332603  | 38.192 | ng | 94     |
| 10) Phenol                     | 6.65  | 94  | 223055  | 15.182 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 6.87  | 93  | 525061  | 44.642 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 7.32  | 146 | 637571  | 42.610 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 7.46  | 146 | 648260  | 42.706 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.77  | 146 | 624927  | 42.650 | ng | 98     |
| 15) Benzyl Alcohol             | 7.67  | 79  | 349246  | 28.740 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.96  | 45  | 382654  | 35.539 | ng | 98     |
| 17) 2-Methylphenol             | 7.88  | 107 | 374207  | 36.144 | ng | 94     |
| 18) Hexachloroethane           | 8.49  | 117 | 217438  | 37.095 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.23  | 70  | 418675  | 37.834 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.20  | 107 | 449792  | 31.384 | ng | 97     |
| 22) Acetophenone               | 8.24  | 105 | 864391  | 45.029 | ng | 95     |
| 24) Nitrobenzene               | 8.60  | 77  | 644511  | 44.305 | ng | 96     |
| 25) Isophorone                 | 9.13  | 82  | 1152104 | 44.666 | ng | 97     |
| 26) 2-Nitrophenol              | 9.31  | 139 | 363012  | 53.891 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 9.39  | 122 | 512025  | 55.937 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 9.62  | 93  | 706234  | 44.821 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.85  | 162 | 669415  | 54.129 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.06 | 180 | 701293  | 47.019 | ng | 99     |
| 31) Naphthalene                | 10.23 | 128 | 1771596 | 47.115 | ng | 100    |
| 32) Benzoic acid               | 9.50  | 122 | 113878  | 13.600 | ng | 95     |
| 33) 4-Chloroaniline            | 10.35 | 127 | 242807  | 14.732 | ng | 96     |
| 34) Hexachlorobutadiene        | 10.53 | 225 | 445077  | 43.167 | ng | 99     |
| 35) Caprolactam                | 11.13 | 113 | 14872   | 3.748  | ng | 90     |
| 36) 4-Chloro-3-methylphenol    | 11.49 | 107 | 599054  | 45.555 | ng | 90     |
| 37) 2-Methylnaphthalene        | 11.86 | 142 | 1405463 | 48.435 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.08 | 142 | 1337055 | 48.440 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.25 | 216 | 884541  | 48.245 | ng | 99     |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

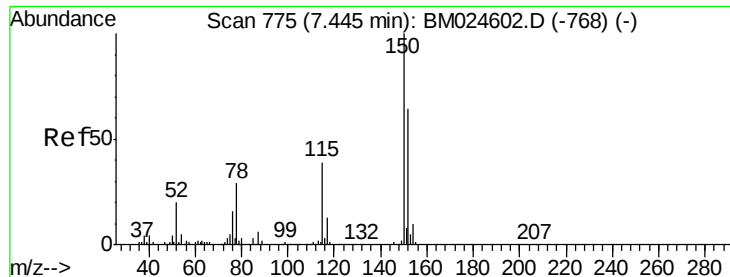
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 01 00:58:54 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.23 | 237  | 997733   | 97.088  | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.49 | 196  | 617961   | 52.966  | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 12.56 | 196  | 660860   | 55.463  | ng    | # 95     |
| 46) 1,1'-Biphenyl              | 12.90 | 154  | 1875577  | 48.245  | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.93 | 162  | 1516827  | 48.330  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.15 | 65   | 373895   | 39.061  | ng    | 85       |
| 49) Acenaphthylene             | 13.79 | 152  | 2398868  | 51.058  | ng    | 100      |
| 50) Dimethylphthalate          | 13.55 | 163  | 2015572  | 48.522  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.66 | 165  | 456469   | 51.686  | ng    | 86       |
| 52) Acenaphthene               | 14.14 | 154  | 1412837  | 48.460  | ng    | 99       |
| 53) 3-Nitroaniline             | 13.99 | 138  | 168400   | 18.384  | ng    | 92       |
| 54) 2,4-Dinitrophenol          | 14.20 | 184  | 566202   | 107.210 | ng    | # 86     |
| 55) Dibenzofuran               | 14.48 | 168  | 2414785  | 50.787  | ng    | 96       |
| 56) 4-Nitrophenol              | 14.32 | 139  | 308942   | 43.147  | ng    | 85       |
| 57) 2,4-Dinitrotoluene         | 14.46 | 165  | 644460   | 50.916  | ng    | # 84     |
| 58) Fluorene                   | 15.13 | 166  | 1950637  | 48.818  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.72 | 232  | 648079   | 53.634  | ng    | 94       |
| 60) Diethylphthalate           | 14.94 | 149  | 1965223  | 46.600  | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.14 | 204  | 1099047  | 47.709  | ng    | 99       |
| 62) 4-Nitroaniline             | 15.16 | 138  | 412159   | 40.764  | ng    | 91       |
| 63) Azobenzene                 | 15.43 | 77   | 1512665  | 42.051  | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.23 | 198  | 416389   | 59.364  | ng    | 86       |
| 66) n-Nitrosodiphenylamine     | 15.36 | 169  | 1742313  | 50.845  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.03 | 248  | 741518   | 49.984  | ng    | 97       |
| 68) Hexachlorobenzene          | 16.14 | 284  | 877570   | 51.549  | ng    | 96       |
| 69) Atrazine                   | 16.33 | 200  | 731810   | 55.637  | ng    | 98       |
| 70) Pentachlorophenol          | 16.49 | 266  | 1124465  | 108.438 | ng    | 98       |
| 71) Phenanthrene               | 16.87 | 178  | 3222708  | 49.888  | ng    | 100      |
| 72) Anthracene                 | 16.96 | 178  | 3308698  | 52.345  | ng    | 100      |
| 73) Carbazole                  | 17.24 | 167  | 2940470  | 51.102  | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.83 | 149  | 3479630  | 47.302  | ng    | 99       |
| 75) Fluoranthene               | 18.90 | 202  | 4120940  | 51.111  | ng    | 99       |
| 77) Benzidine                  | 19.10 | 184  | 1191719  | 41.039  | ng    | 100      |
| 78) Pyrene                     | 19.26 | 202  | 4220894  | 51.349  | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.20 | 149  | 1599352  | 46.369  | ng    | 92       |
| 81) Benzo(a)anthracene         | 21.03 | 228  | 4311281  | 49.817  | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 20.97 | 252  | 1180209  | 37.911  | ng    | 99       |
| 83) Chrysene                   | 21.08 | 228  | 4141194  | 50.148  | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 2358148  | 46.335  | ng    | 98       |
| 85) Di-n-octyl phthalate       | 21.85 | 149  | 4043693  | 48.092  | ng    | # 96     |
| 86) Indeno(1,2,3-cd)pyrene     | 25.22 | 276  | 5135549  | 57.058  | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 22.53 | 252  | 4683535  | 51.660  | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.57 | 252  | 4263291  | 48.176  | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.06 | 252  | 4058960  | 49.243  | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.23 | 278  | 4353990  | 55.654  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.85 | 276  | 4294469  | 60.453  | ng    | 99       |

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



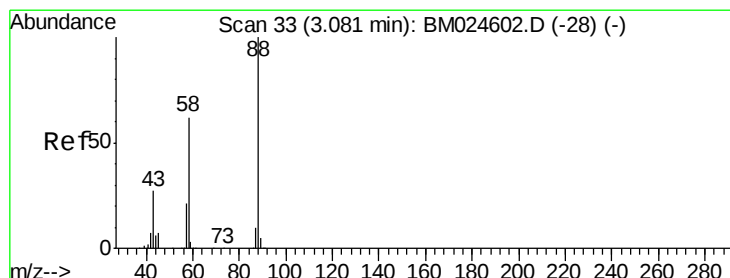
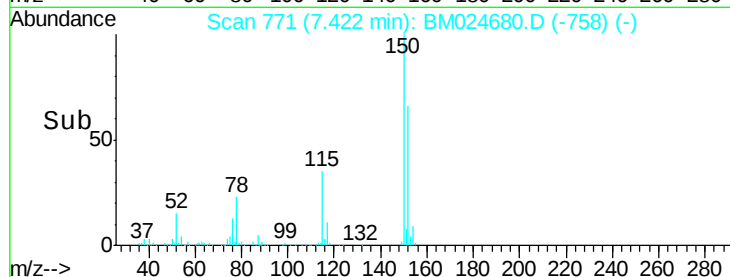
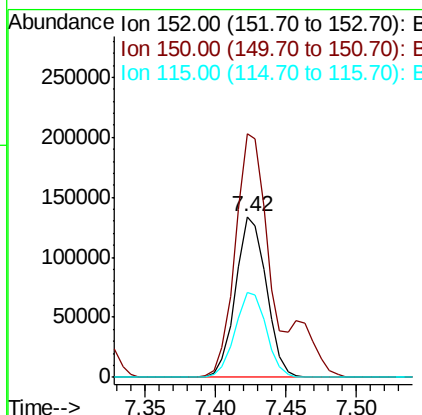
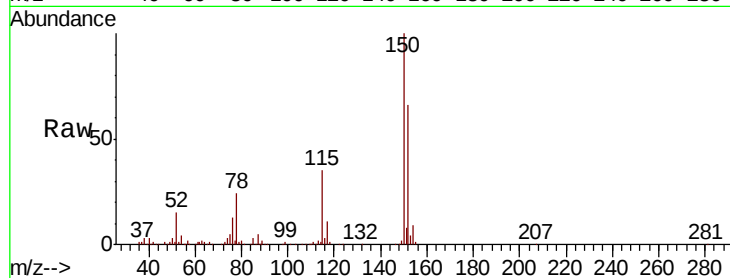


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.42 min Scan# 771  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Instrument :  
BNA\_M  
ClientSampled :

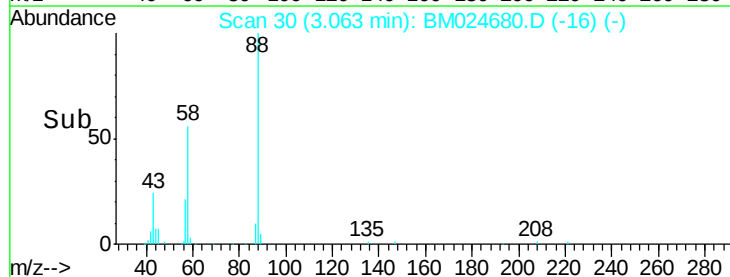
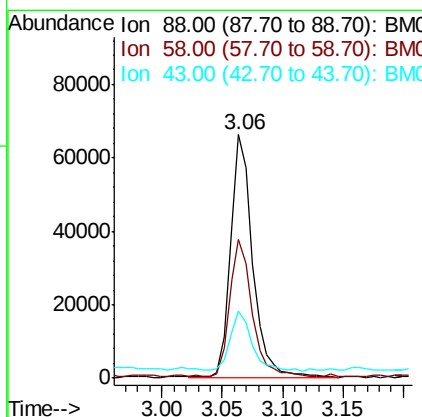
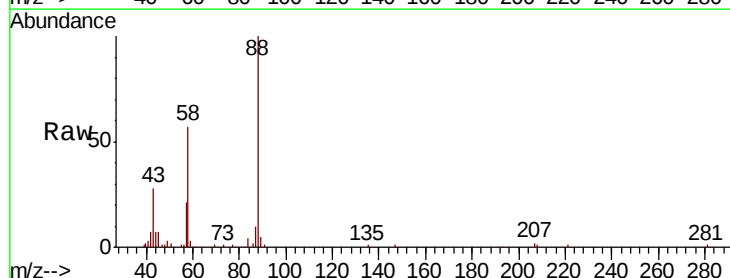
| Tot Ion | 152   | Resp  | 203472 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 152     | 100   |       |        |
| 150     | 151.7 | 124.2 | 186.4  |
| 115     | 52.8  | 48.6  | 72.8   |

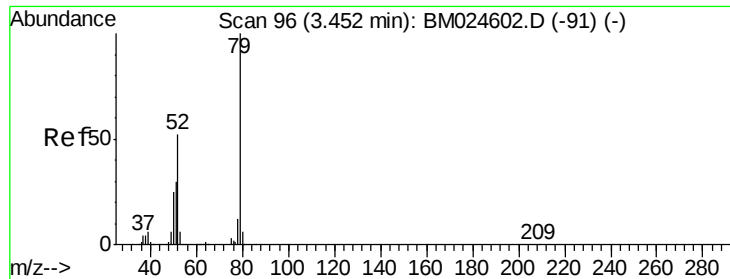


#2

1,4-Dioxane  
Concen: 20.254 ng  
RT: 3.06 min Scan# 30  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

| Tgt Ion | 88    | Resp  | 85721 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 58      | 55.8  | 50.0  | 75.0  |
| 43      | 24.3  | 21.6  | 32.4  |





#3

Pvridine

Concen: 14.044 ng

RT: 3.44 min Scan# 94

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

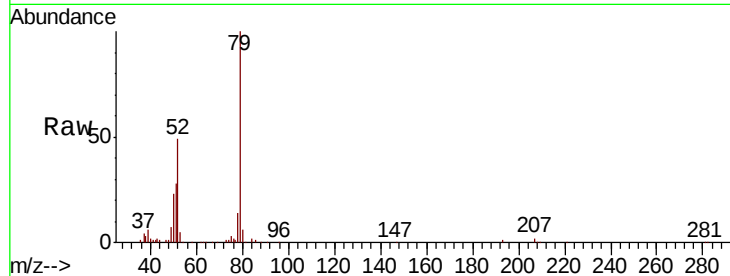
Tot Ion: 79 Resp: 172305

Ion Ratio Lower Upper

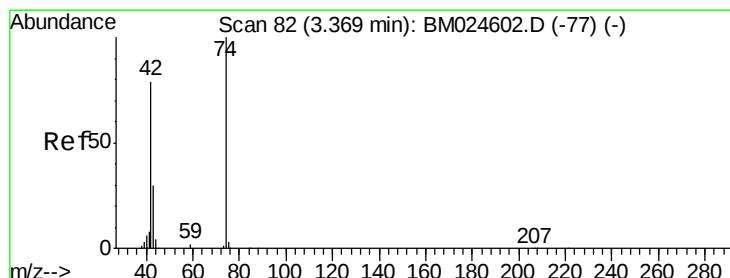
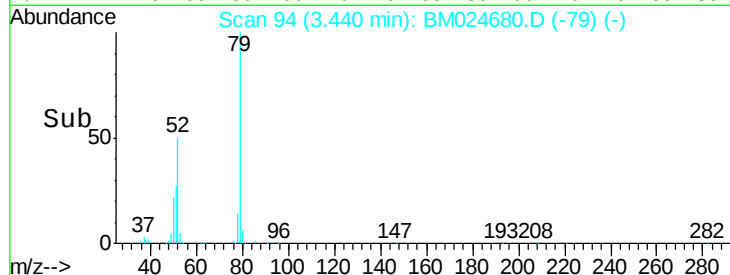
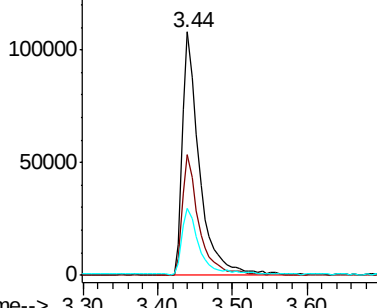
79 100

52 49.5 41.4 62.2

51 27.5 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BM0  
Ion 52.00 (51.70 to 52.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0



#4

n-Nitrosodimethylamine

Concen: 17.705 ng

RT: 3.35 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

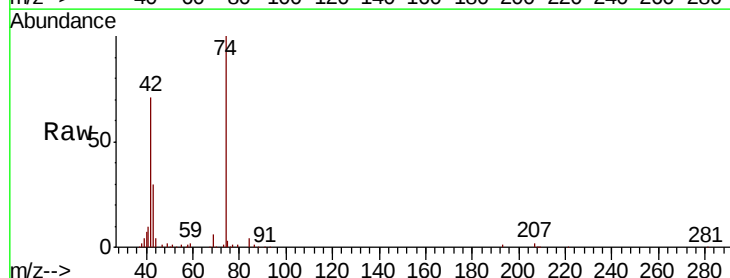
Tgt Ion: 42 Resp: 96420

Ion Ratio Lower Upper

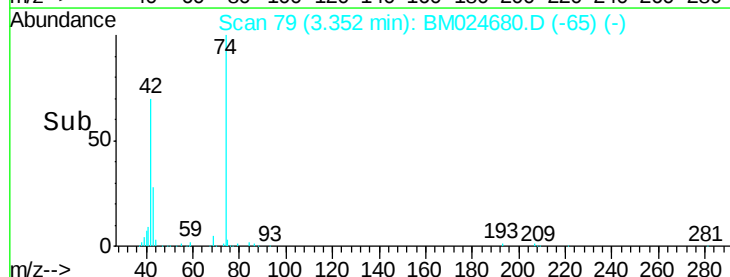
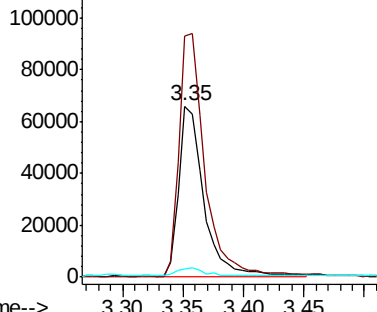
42 100

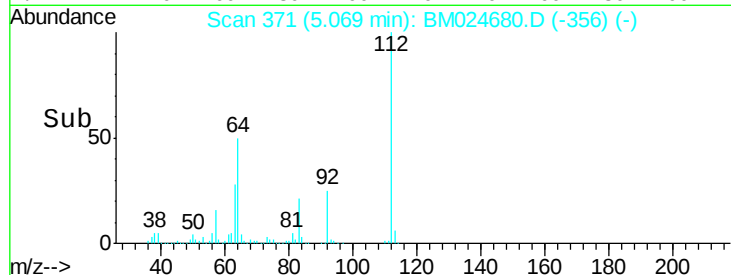
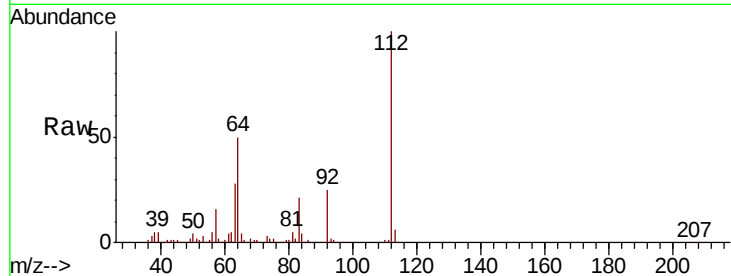
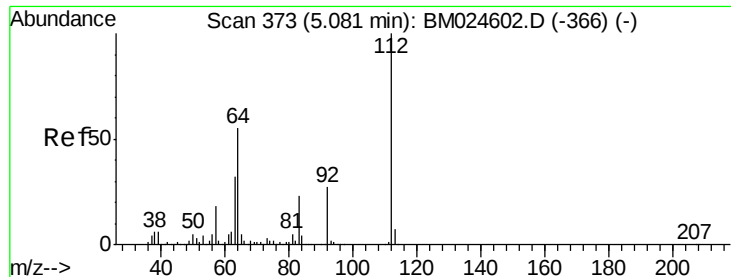
74 141.2 101.4 152.2

44 5.0 4.6 6.8



Abundance Ion 42.00 (41.70 to 42.70): BM0  
Ion 74.00 (73.70 to 74.70): BM0  
Ion 44.00 (43.70 to 44.70): BM0

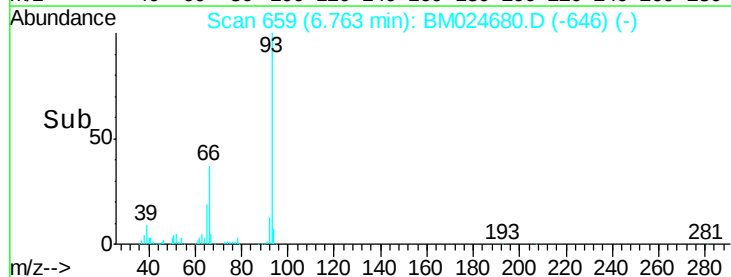
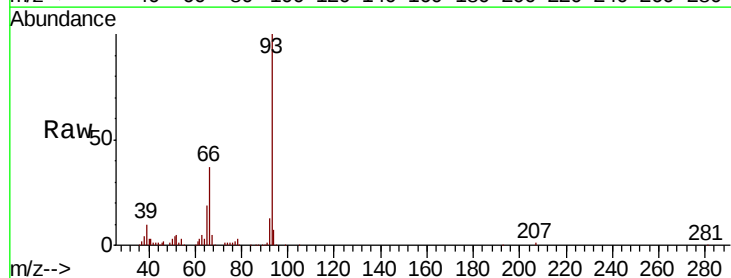
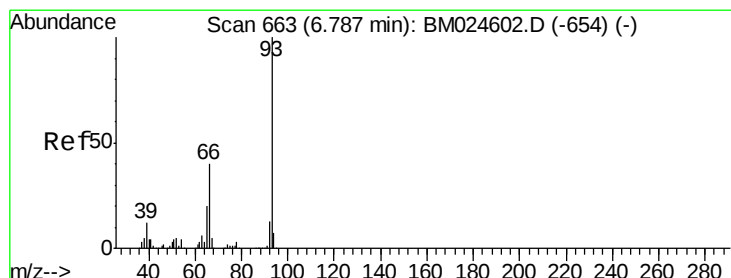
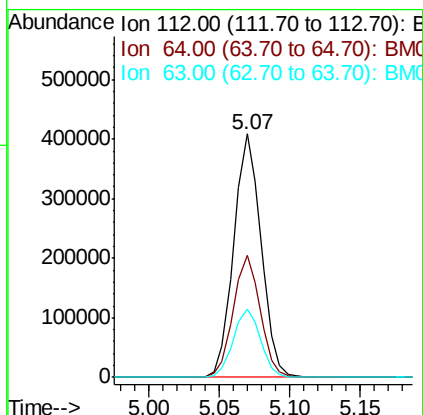




#5  
2-Fluorophenol  
Concen: 51.714 ng  
RT: 5.07 min Scan# 371  
Delta R.T. -0.01 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

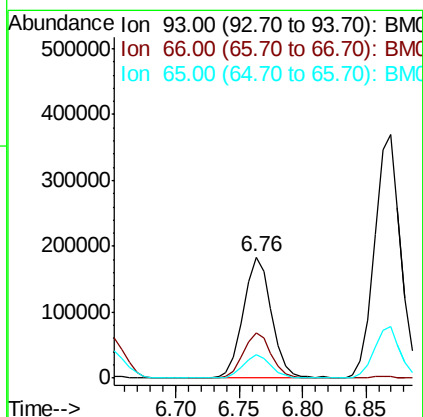
Instrument :  
BNA\_M  
ClientSampleId :

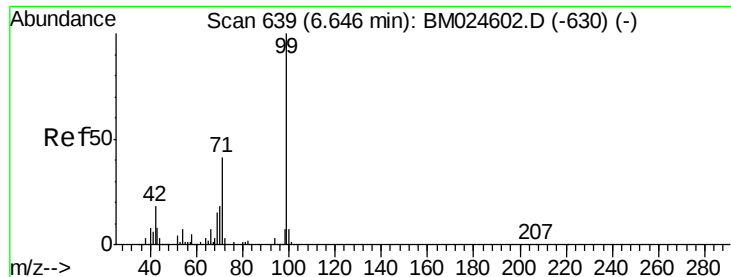
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 50.0  | 44.2  | 66.4  |
| 63      | 27.9  | 25.9  | 38.9  |



#6  
Aniline  
Concen: 15.891 ng  
RT: 6.76 min Scan# 659  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 37.4  | 31.8  | 47.8  |
| 65      | 19.4  | 15.8  | 23.6  |





#7

Phenol-d6

Concen: 27.908 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

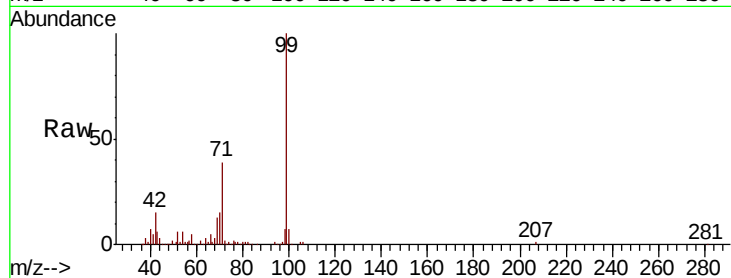
Tot Ion: 99 Resp: 411335

Ion Ratio Lower Upper

99 100

42 14.7 14.1 21.1

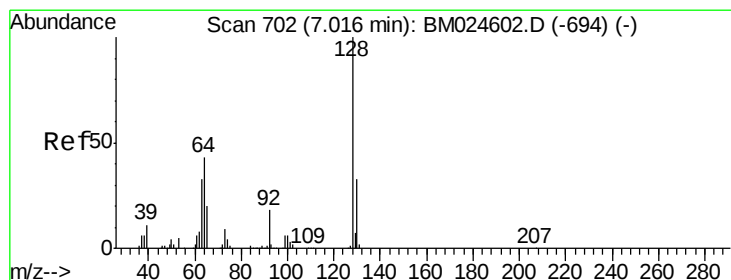
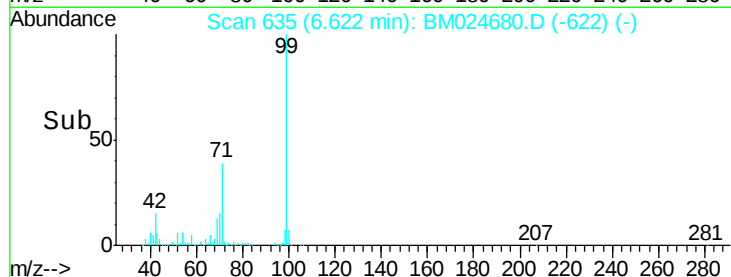
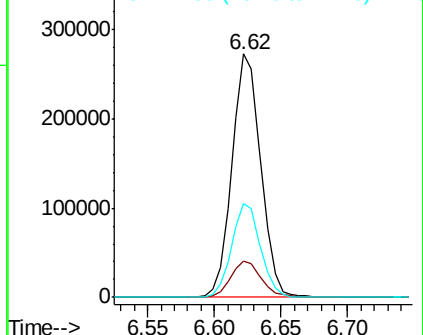
71 38.7 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024680.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM024680.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM024680.D (-630) (-)



#8

2-Chlorophenol

Concen: 46.564 ng

RT: 7.00 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

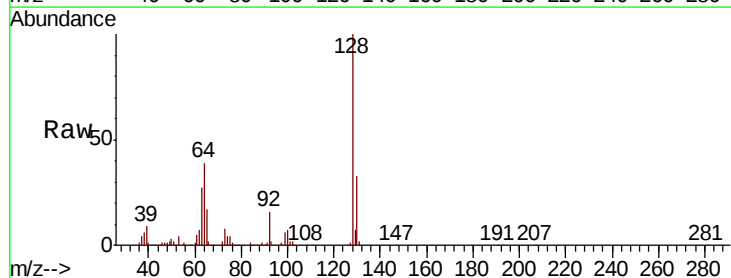
Tgt Ion: 128 Resp: 567133

Ion Ratio Lower Upper

128 100

130 33.2 12.5 52.5

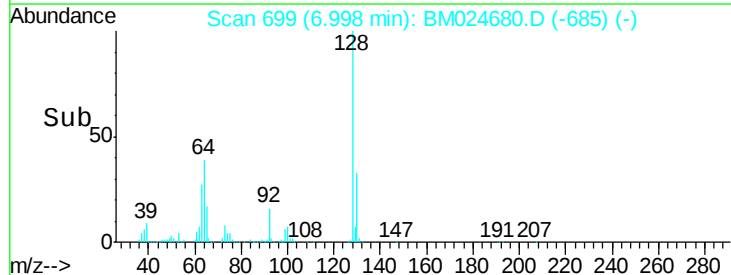
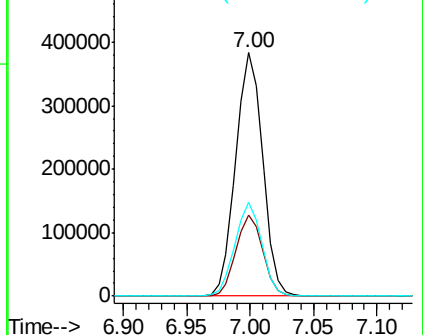
64 38.7 26.1 66.1

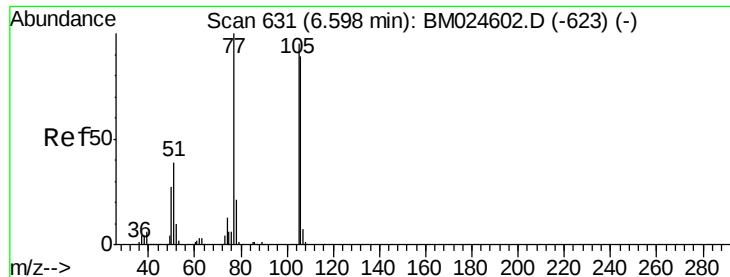


Abundance Ion 128.00 (127.70 to 128.70): BM024680.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM024680.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM024680.D (-694) (-)





#9

Benzaldehyde

Concen: 38.192 ng

RT: 6.58 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampled :

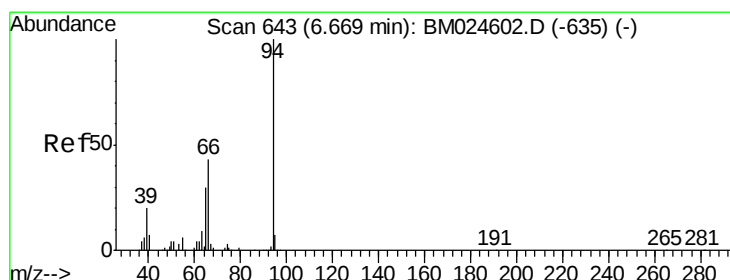
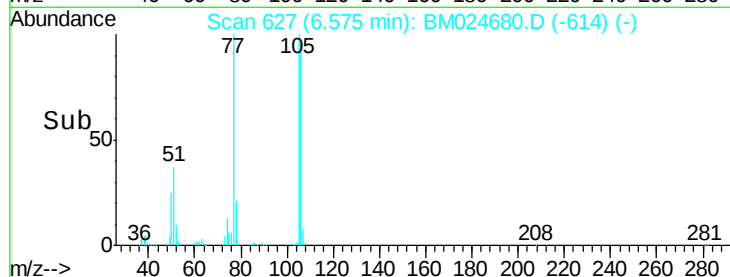
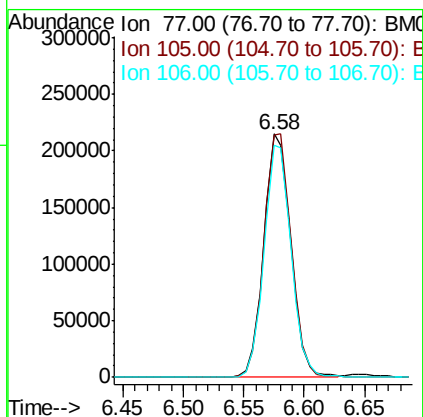
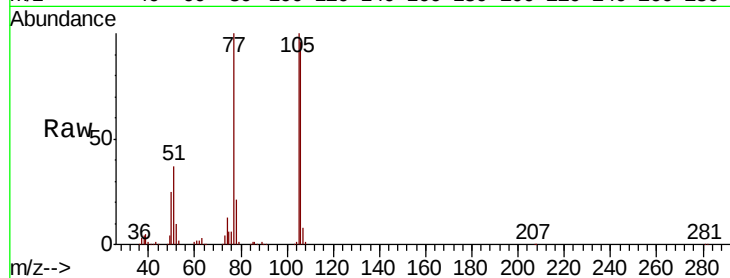
Tot Ion: 77 Resp: 332603

Ion Ratio Lower Upper

77 100

105 99.6 75.2 115.2

106 95.5 68.6 108.6



#10

Phenol

Concen: 15.182 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

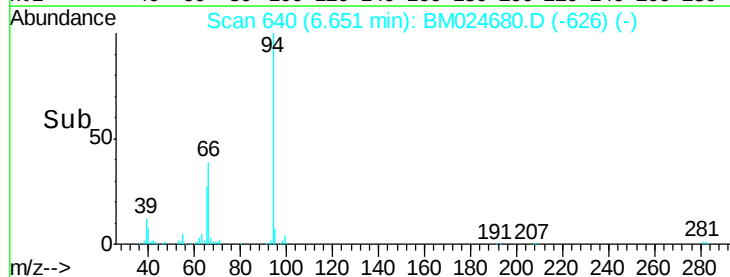
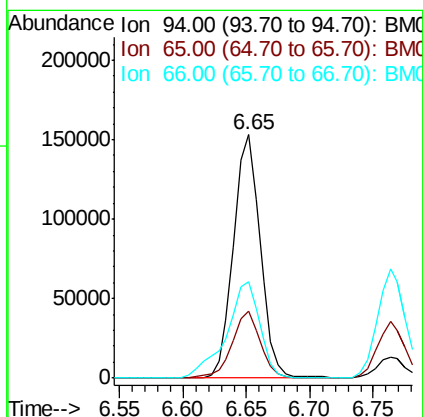
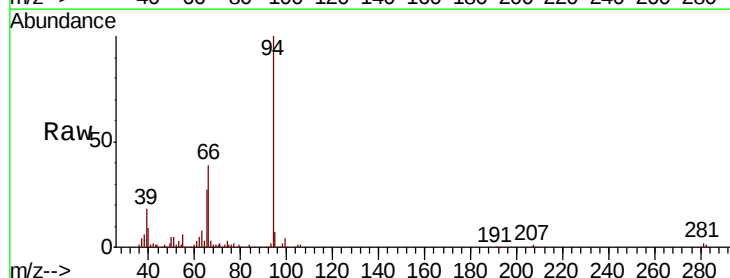
Tgt Ion: 94 Resp: 223055

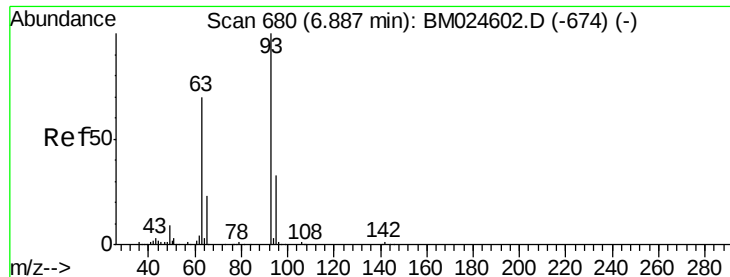
Ion Ratio Lower Upper

94 100

65 27.5 10.3 50.3

66 39.4 24.8 64.8

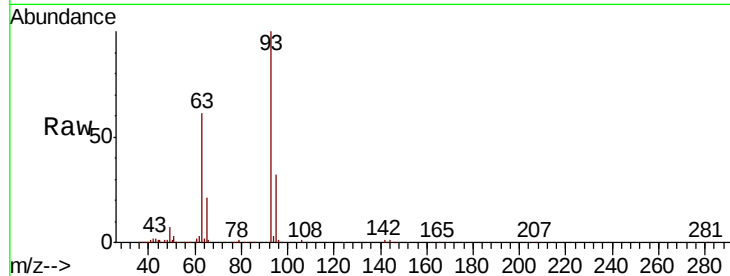




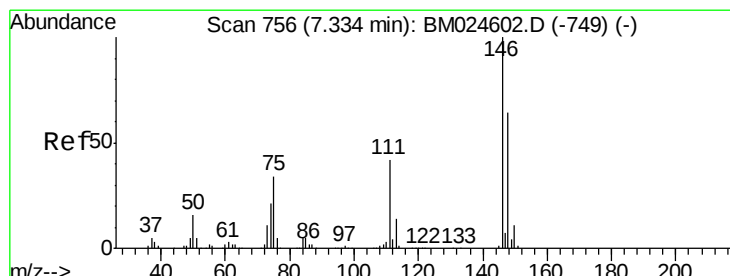
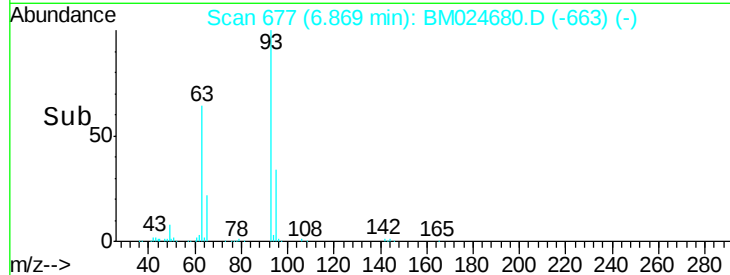
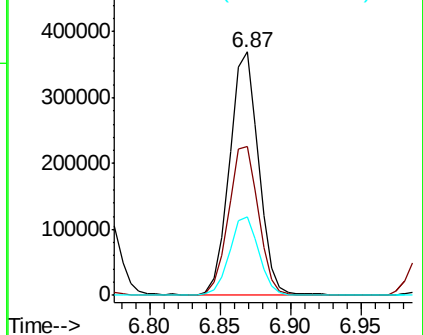
#11  
bis(2-Chloroethyl)ether  
Concen: 44.642 ng  
RT: 6.87 min Scan# 677  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 60.9  | 49.6  | 89.6  |
| 95      | 32.2  | 12.6  | 52.6  |

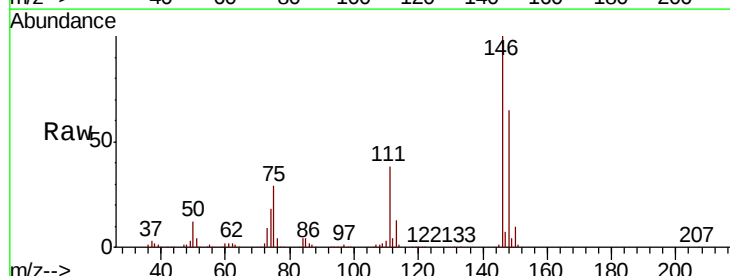


Abundance Ion 93.00 (92.70 to 93.70): BM024680.D (-674) (-)  
Ion 63.00 (62.70 to 63.70): BM024680.D (-674) (-)  
Ion 95.00 (94.70 to 95.70): BM024680.D (-674) (-)

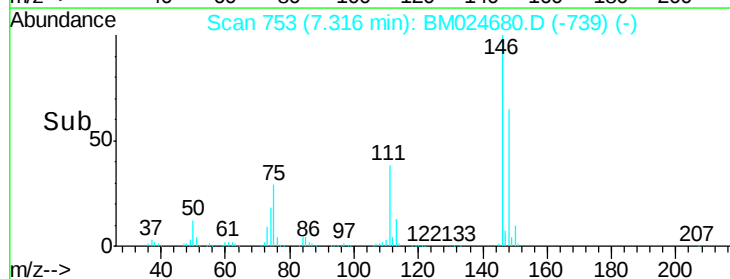
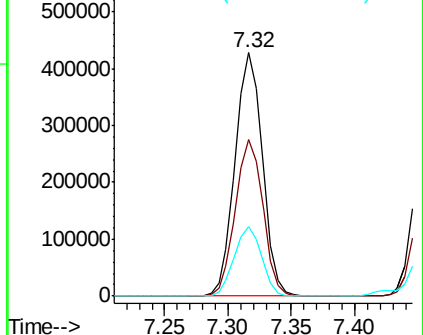


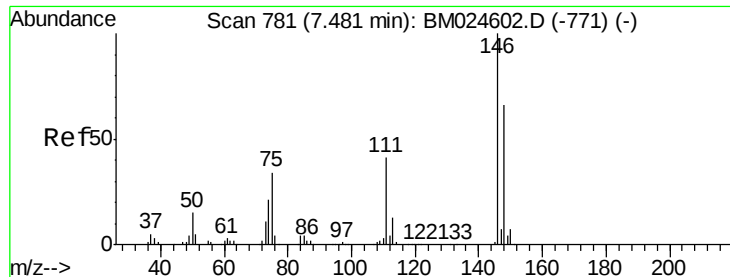
#12  
1,3-Dichlorobenzene  
Concen: 42.610 ng  
RT: 7.32 min Scan# 753  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.5  | 51.0  | 76.6  |
| 75      | 28.5  | 27.0  | 40.4  |



Abundance Ion 146.00 (145.70 to 146.70): BM024680.D (-739) (-)  
Ion 148.00 (147.70 to 148.70): BM024680.D (-739) (-)  
Ion 75.00 (74.70 to 75.70): BM024680.D (-739) (-)





#13

1,4-Dichlorobenzene

Concen: 42.706 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM024680.D

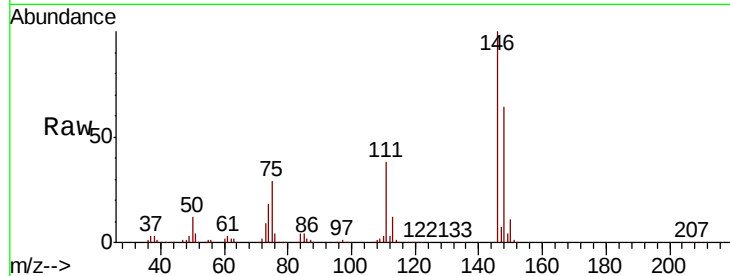
Acq: 31 Jan 2020 17:59

Instrument :

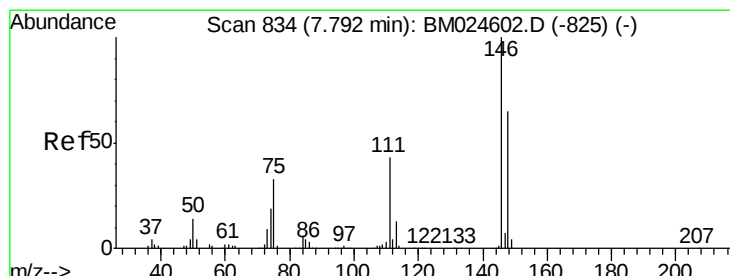
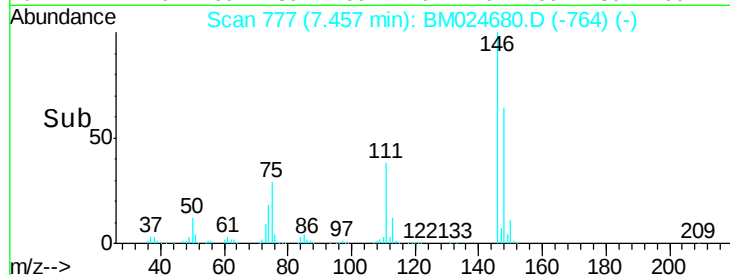
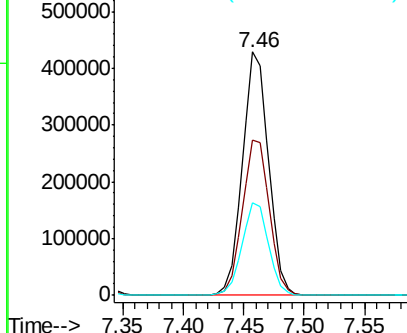
BNA\_M

ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:146 | Resp: | 648260    |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 63.7  | 52.5 78.7 |
| 111         | 37.9  | 33.0 49.4 |



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



#14

1,2-Dichlorobenzene

Concen: 42.650 ng

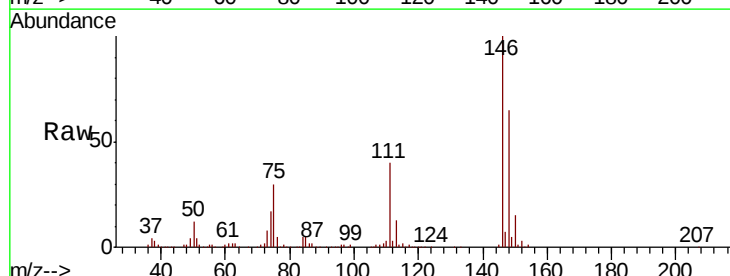
RT: 7.77 min Scan# 830

Delta R.T. -0.02 min

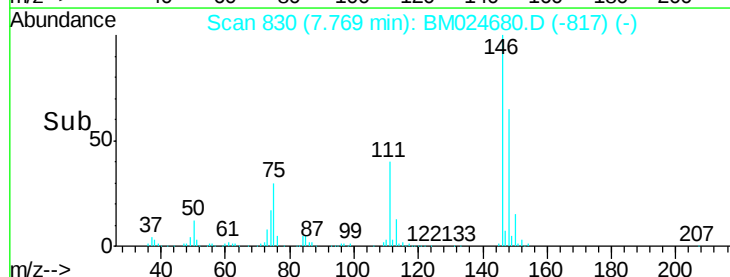
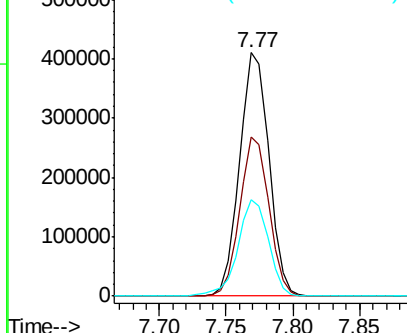
Lab File: BM024680.D

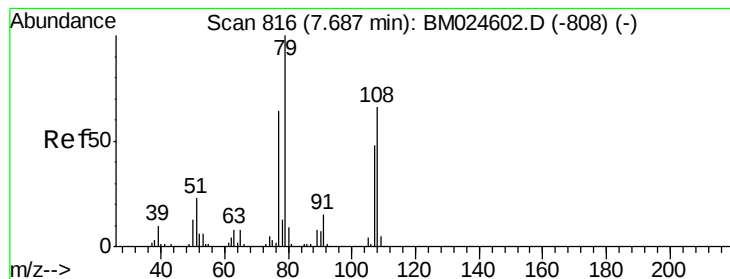
Acq: 31 Jan 2020 17:59

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:146 | Resp: | 624927    |
| Ion Ratio   | Lower | Upper     |
| 146         | 100   |           |
| 148         | 65.3  | 51.9 77.9 |
| 111         | 39.6  | 34.5 51.7 |



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: 28.740 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

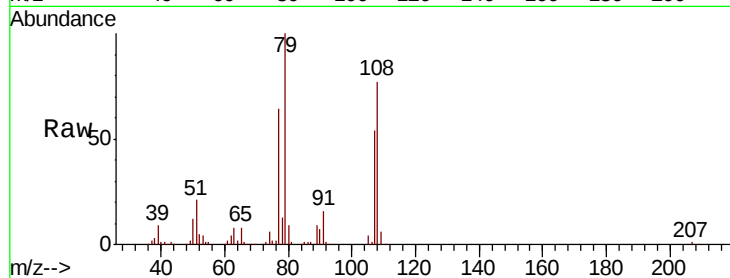
Tot Ion: 79 Resp: 349246

Ion Ratio Lower Upper

79 100

108 76.8 53.0 79.4

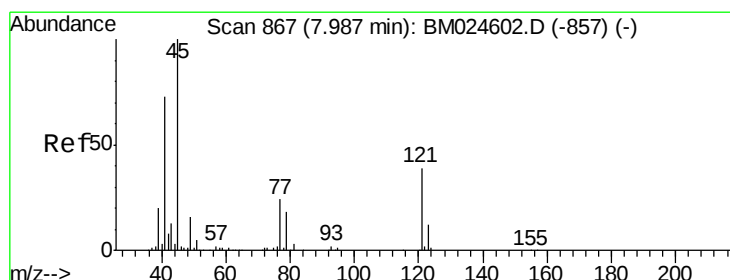
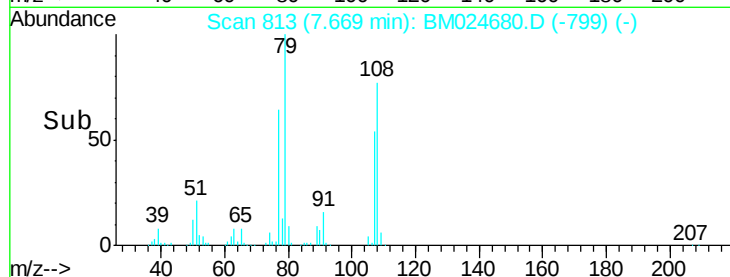
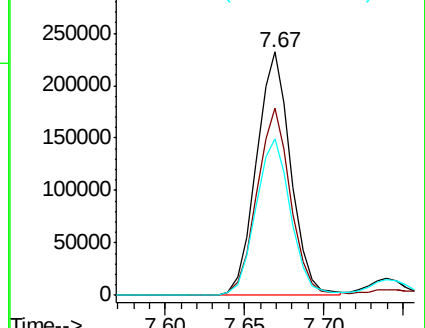
77 64.5 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024680.D (-799) (-)

Ion 108.00 (107.70 to 108.70): BM024680.D (-799) (-)

Ion 77.00 (76.70 to 77.70): BM024680.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.539 ng

RT: 7.96 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

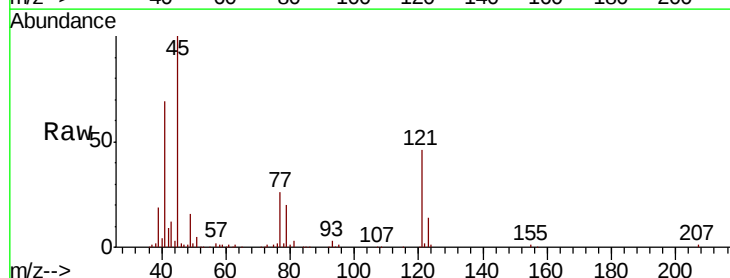
Tgt Ion: 45 Resp: 382654

Ion Ratio Lower Upper

45 100

77 26.3 5.2 45.2

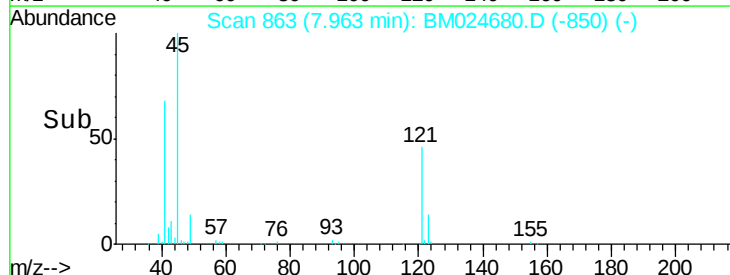
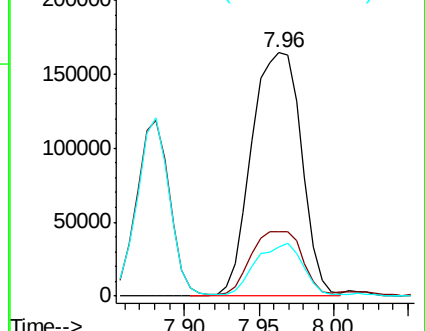
79 20.0 0.0 39.4

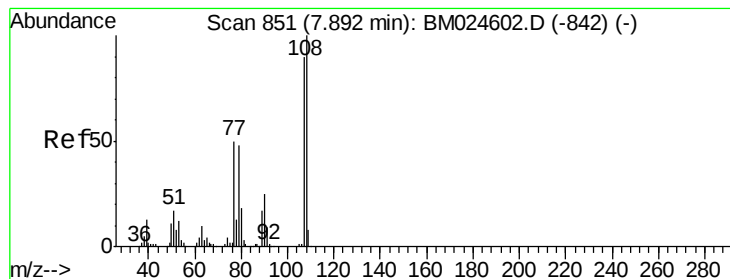


Abundance Ion 45.00 (44.70 to 45.70): BM024680.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM024680.D (-850) (-)

Ion 79.00 (78.70 to 79.70): BM024680.D (-850) (-)

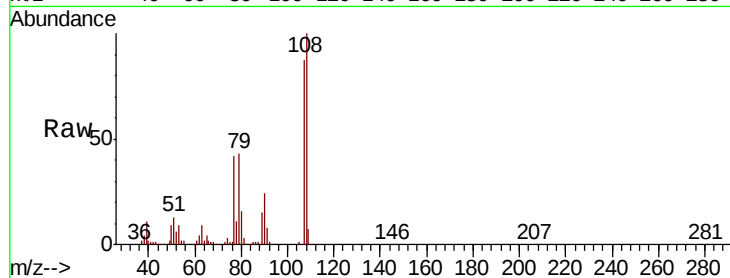




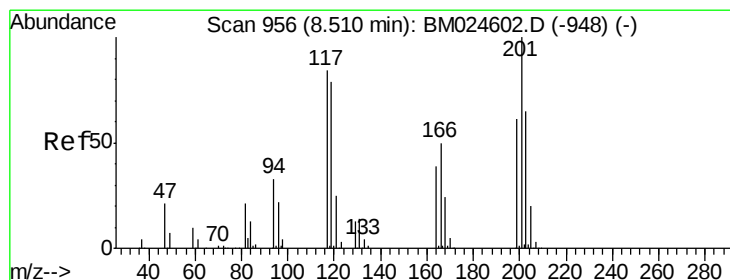
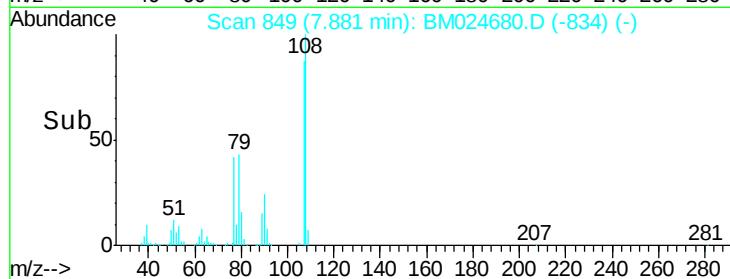
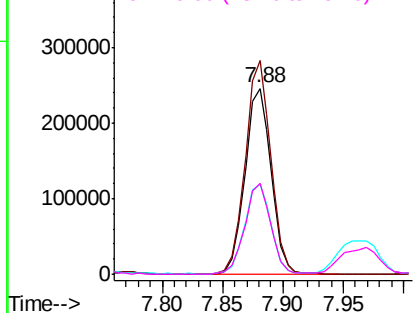
#17  
2-Methylphenol  
Concen: 36.144 ng  
RT: 7.88 min Scan# 849  
Delta R.T. -0.01 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 374207 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.7 | 88.9  | 133.3  |
| 77       | 48.2  | 44.5  | 66.7   |
| 79       | 49.0  | 42.9  | 64.3   |

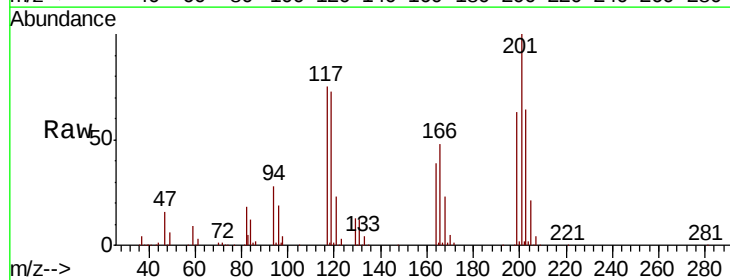


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

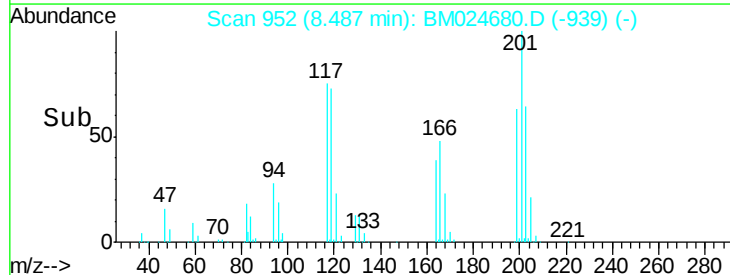
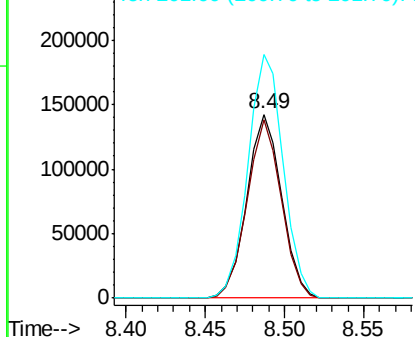


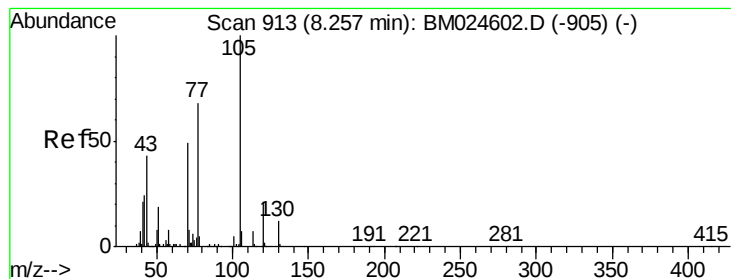
#18  
Hexachloroethane  
Concen: 37.095 ng  
RT: 8.49 min Scan# 952  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 217438 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.9  | 75.4  | 113.2  |
| 201      | 132.7 | 95.8  | 143.6  |



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: 37.834 ng

RT: 8.23 min Scan# 909

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 418675

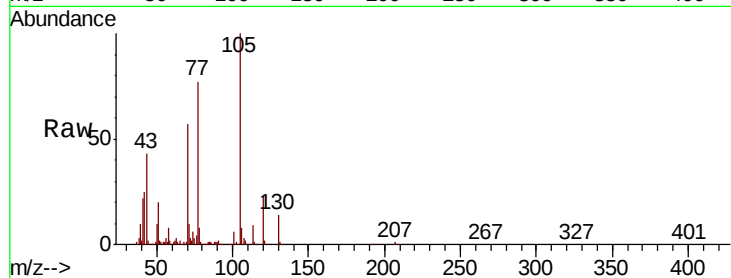
Ion Ratio Lower Upper

70 100

42 43.8 40.0 60.0

101 10.8 8.2 12.2

130 24.8 18.6 27.8

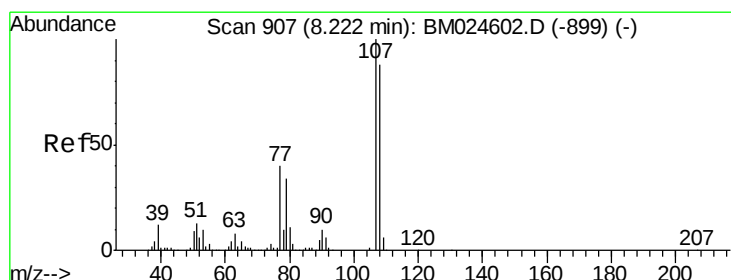
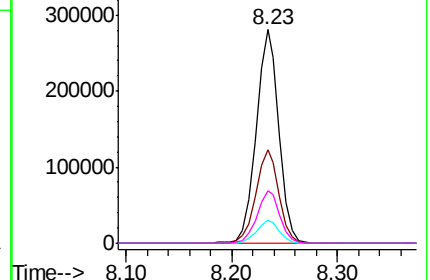
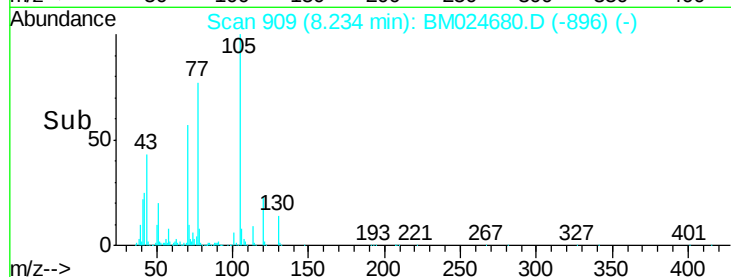


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 31.384 ng

RT: 8.20 min Scan# 904

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion:107 Resp: 449792

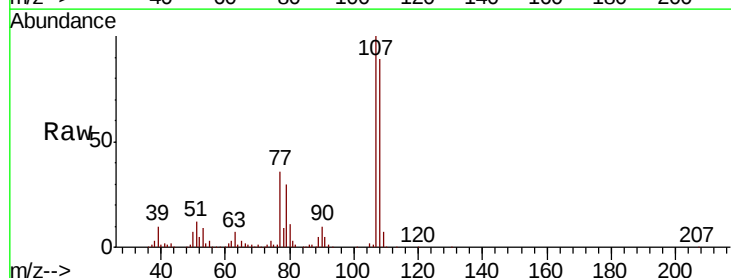
Ion Ratio Lower Upper

107 100

108 89.0 68.0 108.0

77 35.7 19.9 59.9

79 30.3 13.7 53.7

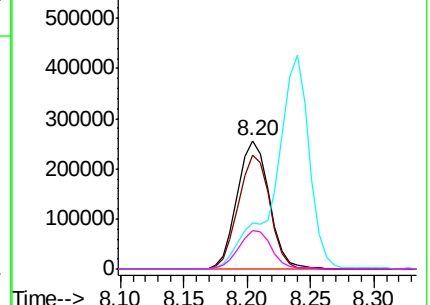
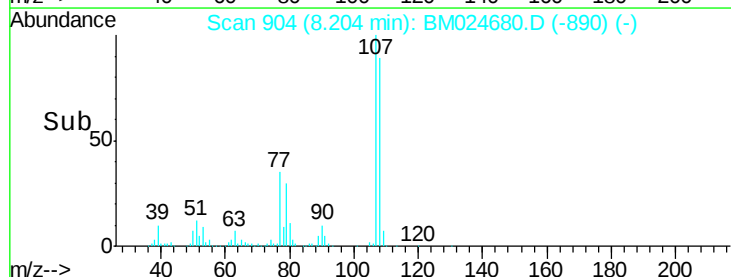


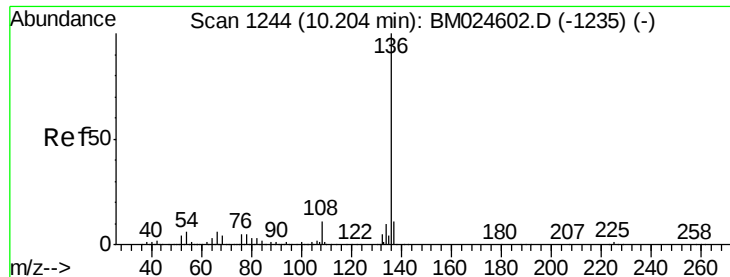
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.18 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:136 Resp: 744470

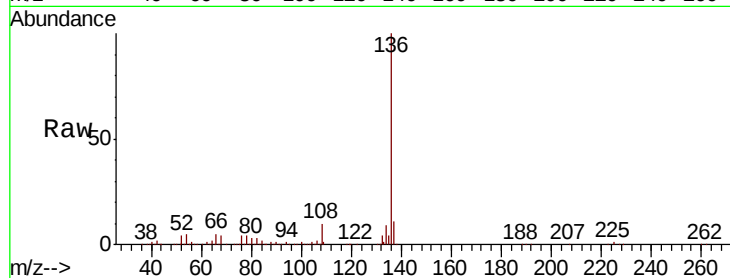
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 4.8 4.5 6.7

68 4.3 3.4 5.0

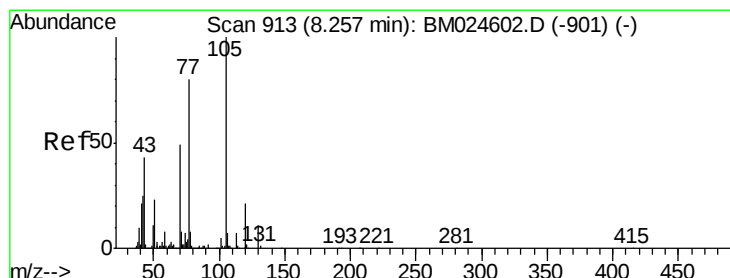
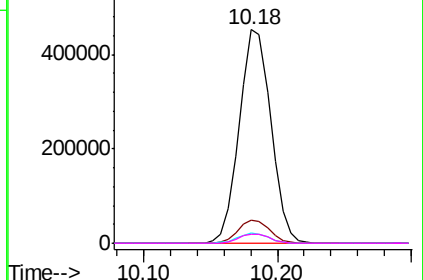
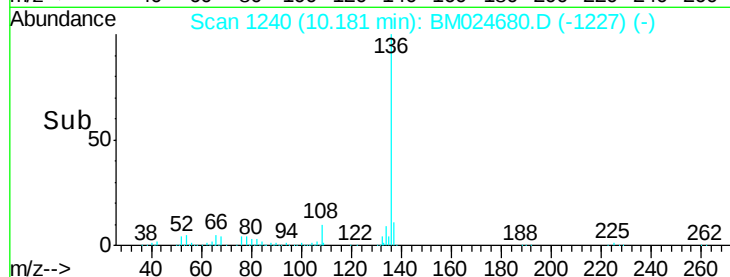


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.029 ng

RT: 8.24 min Scan# 910

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion:105 Resp: 864391

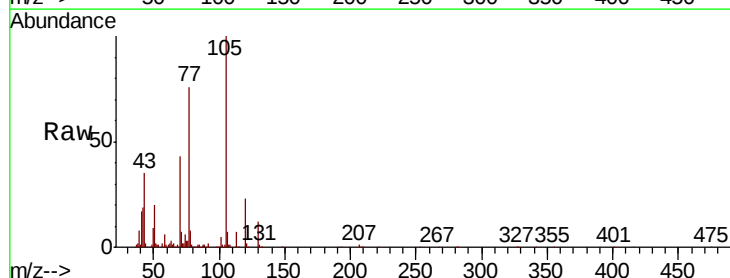
Ion Ratio Lower Upper

105 100

71 7.5 6.7 10.1

51 20.3 18.5 27.7

120 23.0 16.6 25.0

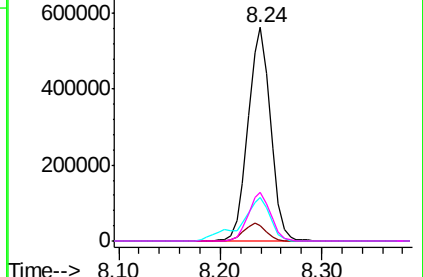
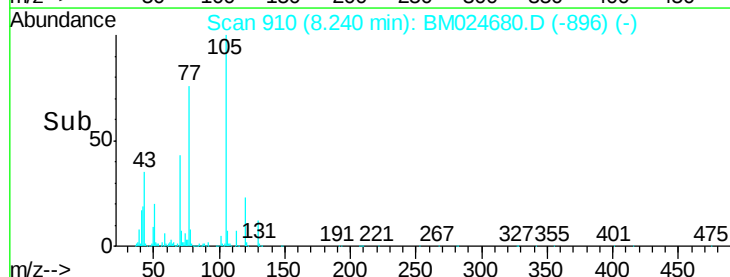


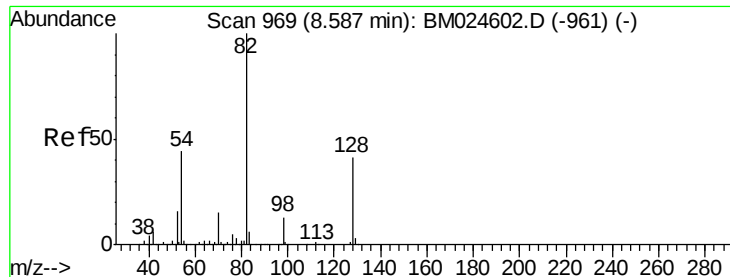
Abundance Ion 105.00 (104.70 to 105.70): E

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

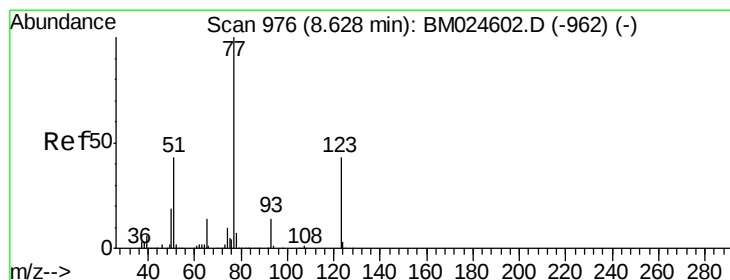
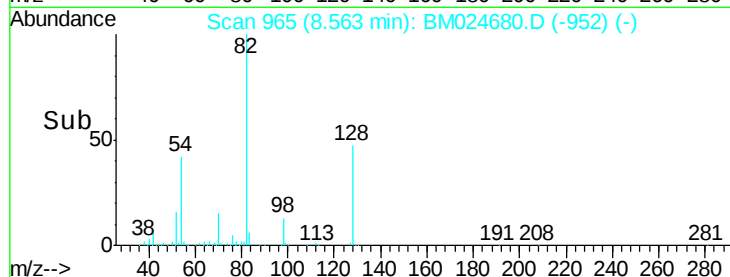
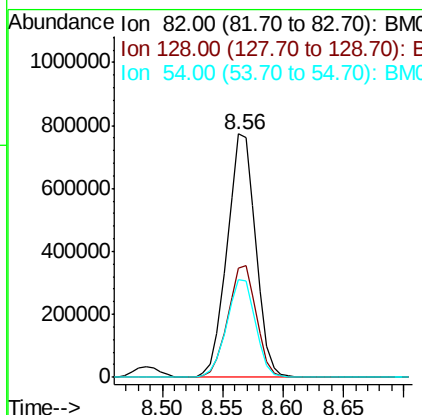
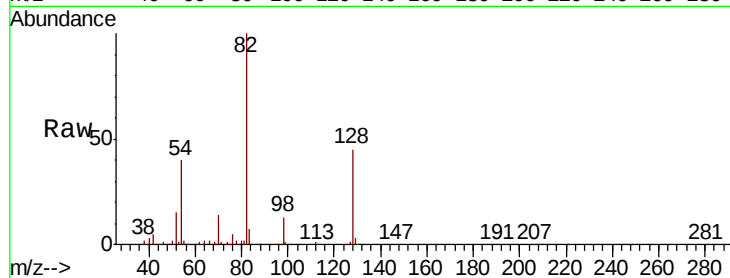




#23  
 Nitrobenzene-d5  
 Concen: 83.884 ng  
 RT: 8.56 min Scan# 965  
 Delta R.T. -0.02 min  
 Lab File: BM024680.D  
 Acq: 31 Jan 2020 17:59

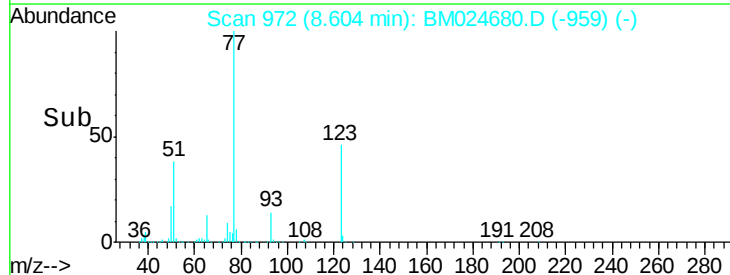
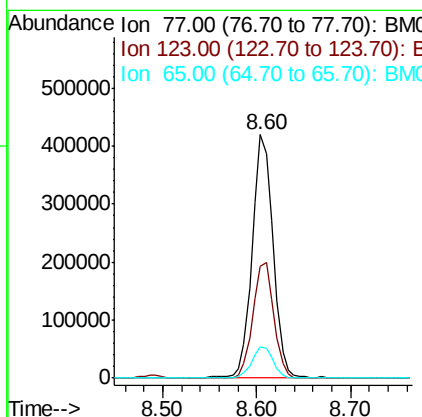
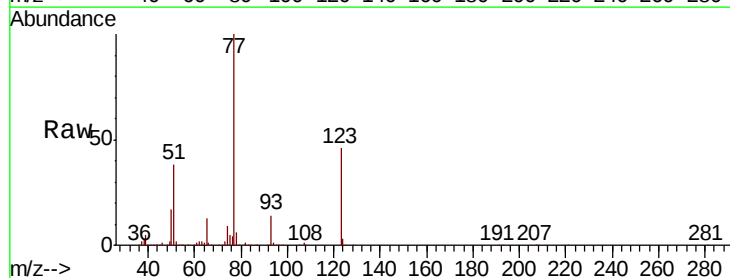
Instrument :  
 BNA\_M  
 ClientSampleId :

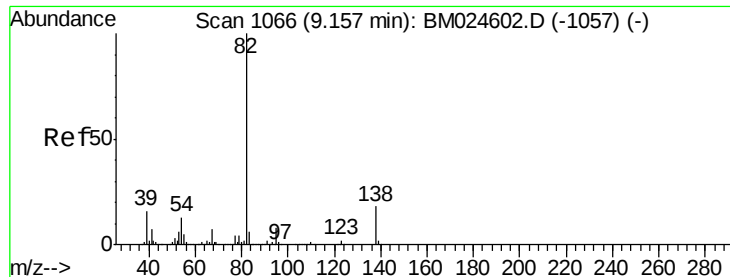
Tot Ion: 82 Resp: 1273400  
 Ion Ratio Lower Upper  
 82 100  
 128 45.0 32.6 48.8  
 54 39.9 34.8 52.2



#24  
 Nitrobenzene  
 Concen: 44.305 ng  
 RT: 8.60 min Scan# 972  
 Delta R.T. -0.02 min  
 Lab File: BM024680.D  
 Acq: 31 Jan 2020 17:59

Tgt Ion: 77 Resp: 644511  
 Ion Ratio Lower Upper  
 77 100  
 123 45.9 34.6 52.0  
 65 12.9 11.0 16.4





#25

Isophorone

Concen: 44.666 ng

RT: 9.13 min Scan# 1062

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

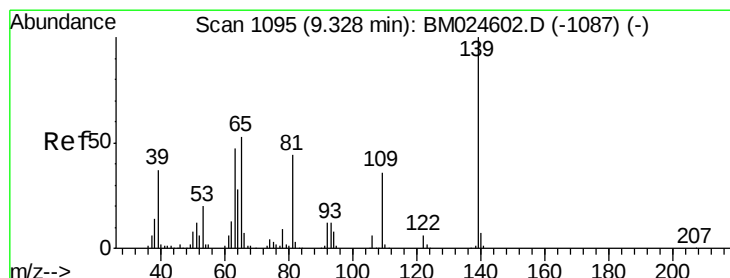
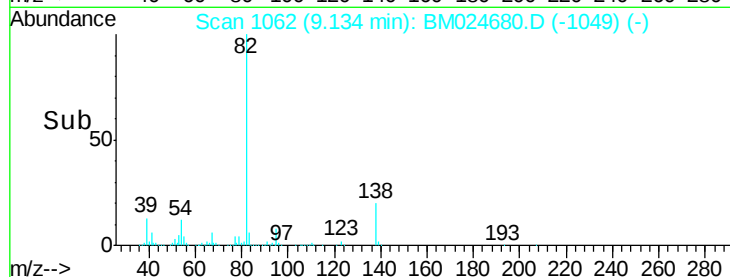
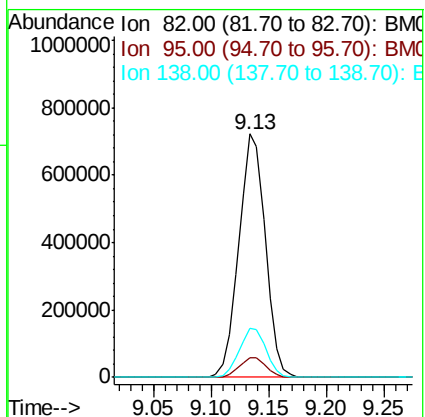
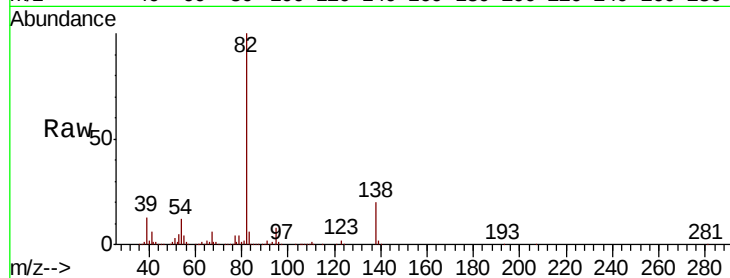
Tot Ion: 82 Resp: 1152104

Ion Ratio Lower Upper

82 100

95 8.2 6.7 10.1

138 20.2 14.7 22.1



#26

2-Nitrophenol

Concen: 53.891 ng

RT: 9.31 min Scan# 1092

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

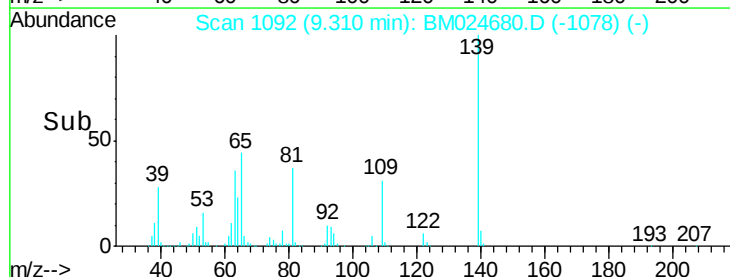
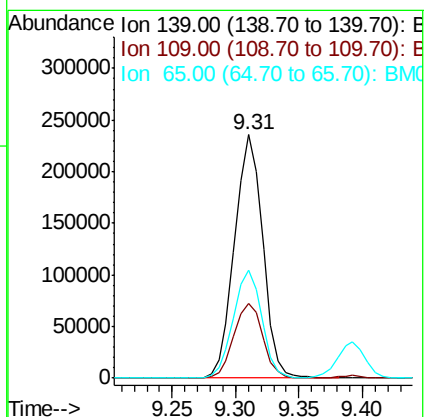
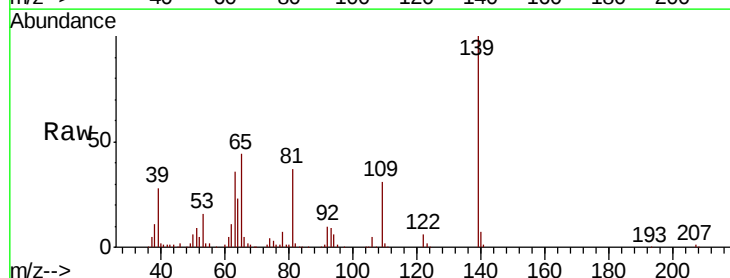
Tgt Ion: 139 Resp: 363012

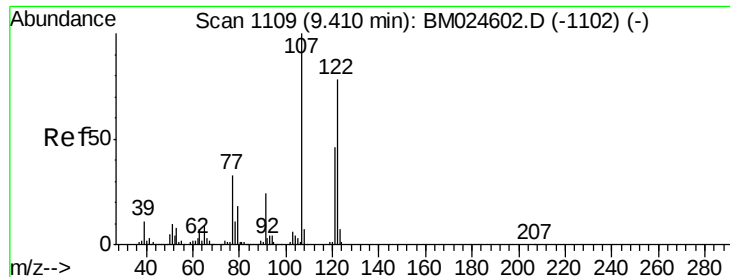
Ion Ratio Lower Upper

139 100

109 30.9 28.8 43.2

65 44.2 42.6 63.8

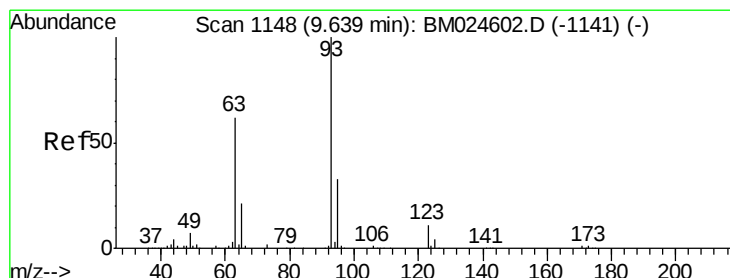
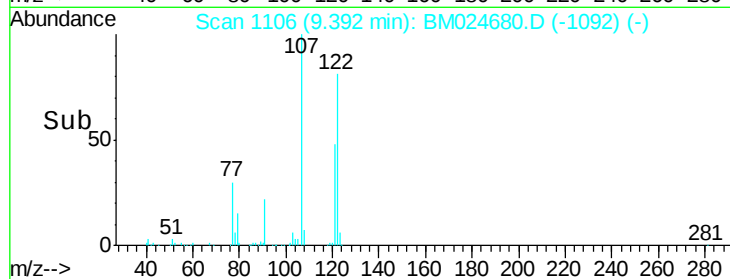
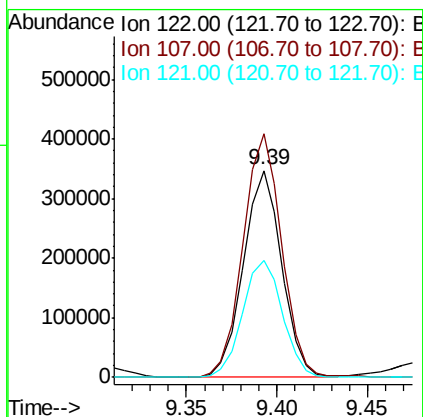
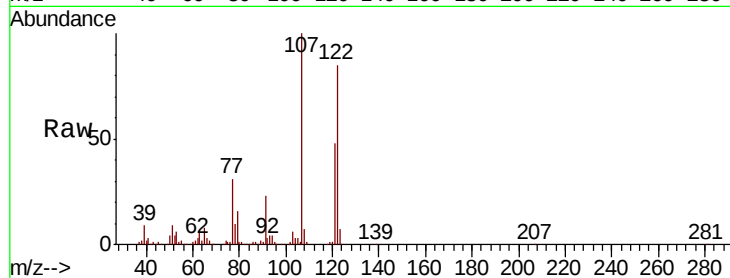




#27  
2,4-Dimethylphenol  
Concen: 55.937 ng  
RT: 9.39 min Scan# 1106  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

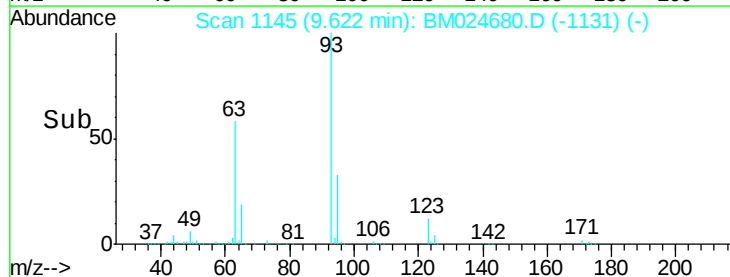
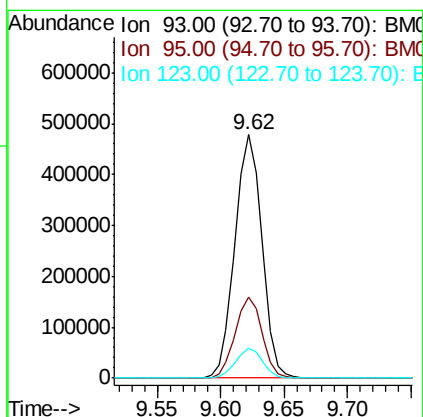
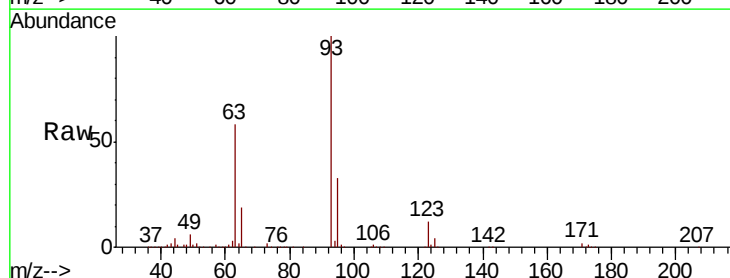
Instrument :  
BNA\_M  
ClientSampled :

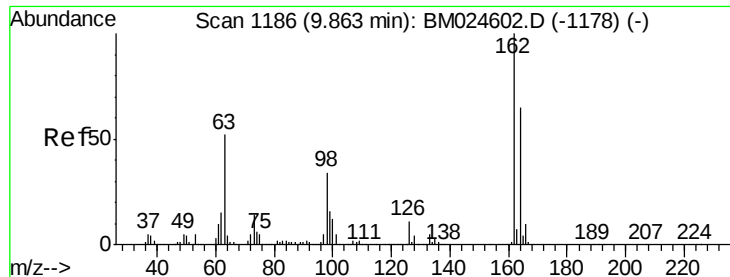
Tot Ion:122 Resp: 512025  
Ion Ratio Lower Upper  
122 100  
107 117.9 102.5 153.7  
121 56.4 47.0 70.4



#28  
bis(2-Chloroethoxy)methane  
Concen: 44.821 ng  
RT: 9.62 min Scan# 1145  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Tgt Ion: 93 Resp: 706234  
Ion Ratio Lower Upper  
93 100  
95 33.3 26.1 39.1  
123 12.2 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 54.129 ng

RT: 9.85 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BM024680.D

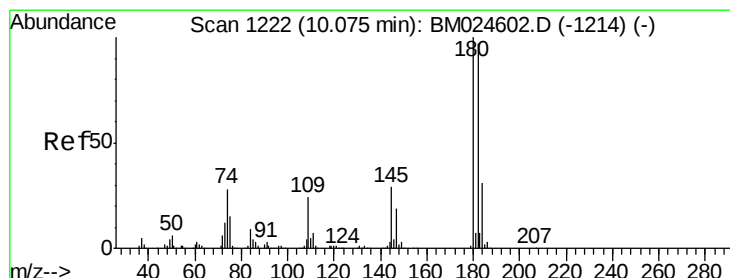
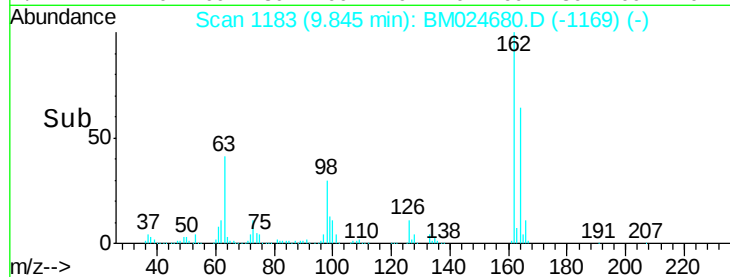
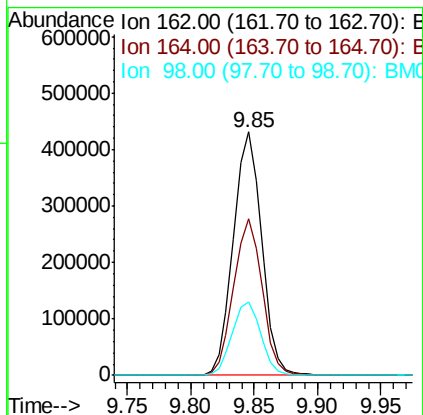
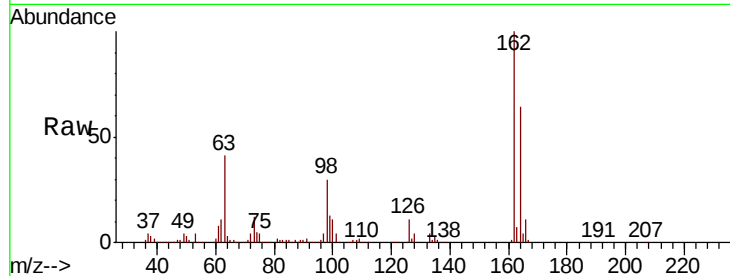
Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:162 | Resp: | 669415    |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 64.2  | 44.5 84.5 |
| 98          | 30.2  | 14.2 54.2 |



#30

1,2,4-Trichlorobenzene

Concen: 47.019 ng

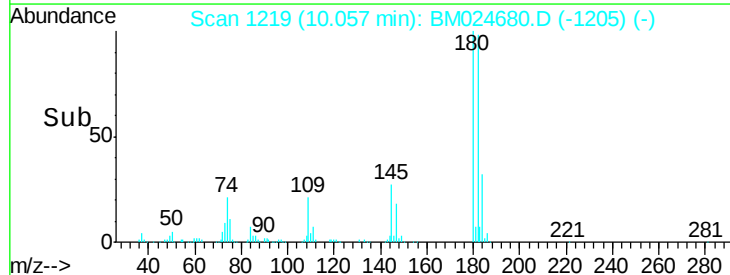
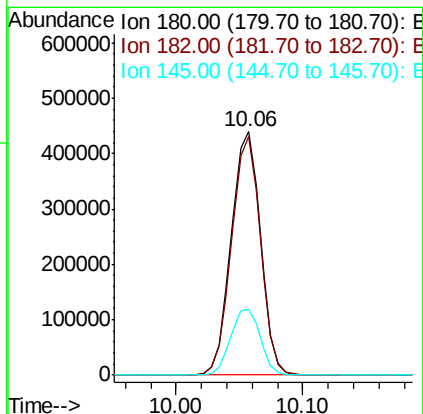
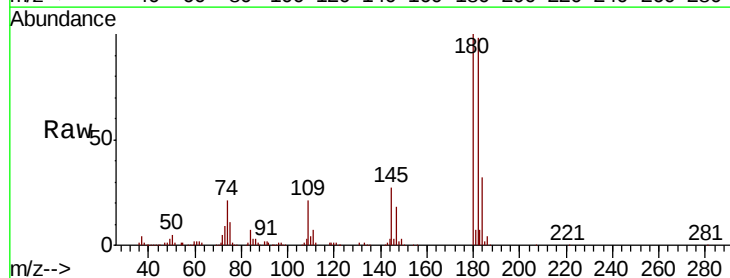
RT: 10.06 min Scan# 1219

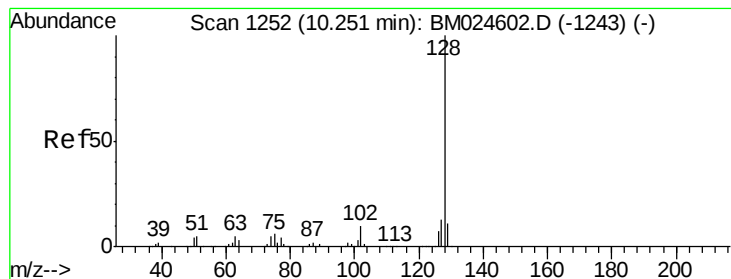
Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:180 | Resp: | 701293     |
| Ion Ratio   | Lower | Upper      |
| 180         | 100   |            |
| 182         | 98.1  | 77.8 116.6 |
| 145         | 26.9  | 22.9 34.3  |





#31

Naphthalene

Concen: 47.115 ng

RT: 10.23 min Scan# 1249

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

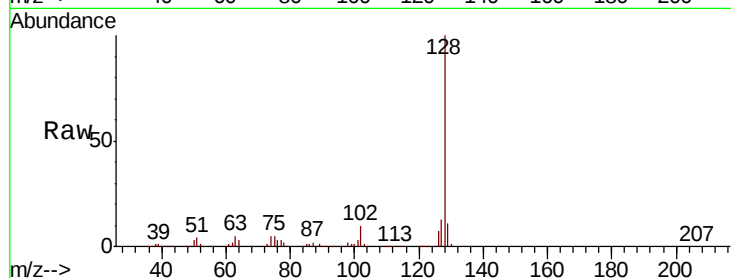
Instrument :

BNA\_M

ClientSampled :

Tot Ion:128 Resp: 1771596

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.0  | 8.8   | 13.2  |
| 127 | 13.2  | 10.6  | 15.8  |

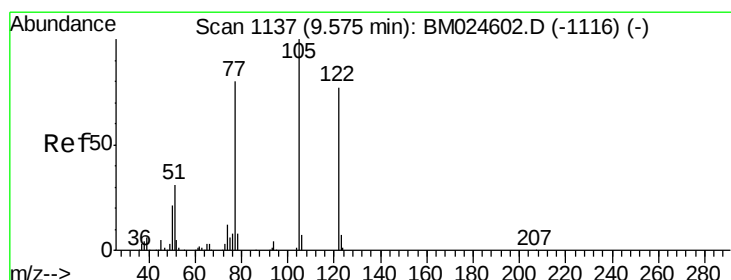
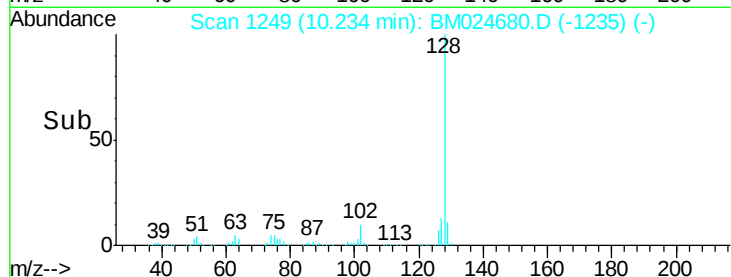
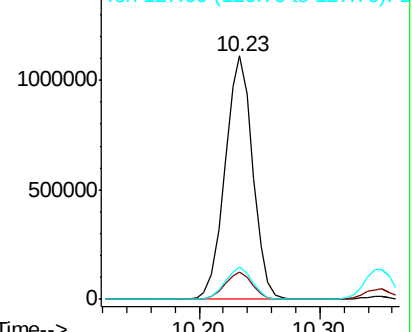


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 13.600 ng

RT: 9.50 min Scan# 1124

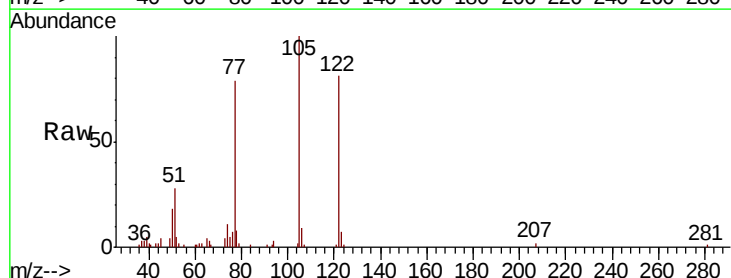
Delta R.T. -0.08 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion:122 Resp: 113878

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 123.2 | 107.7 | 147.7 |
| 77  | 97.1  | 83.8  | 123.8 |

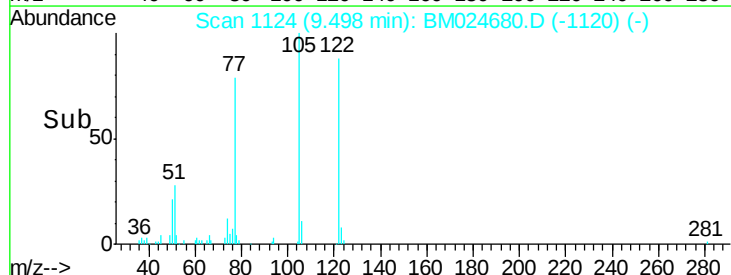
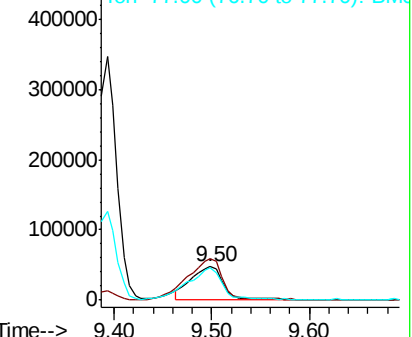


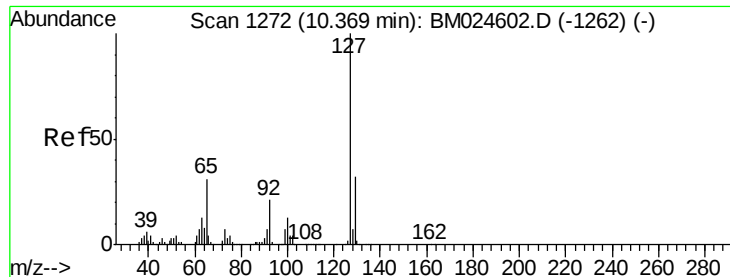
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

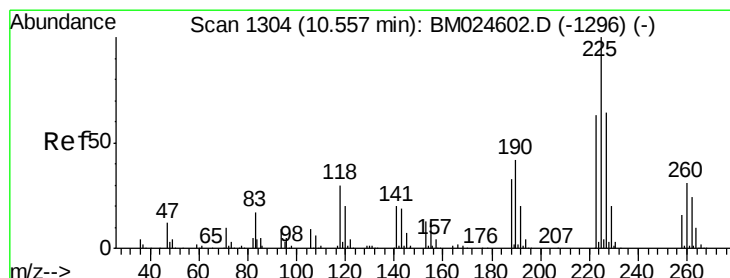
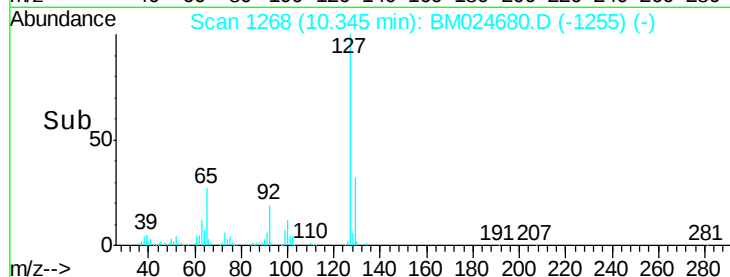
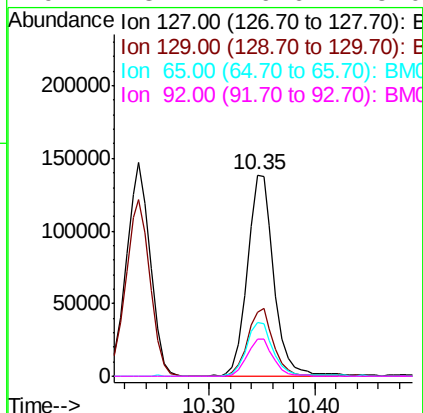
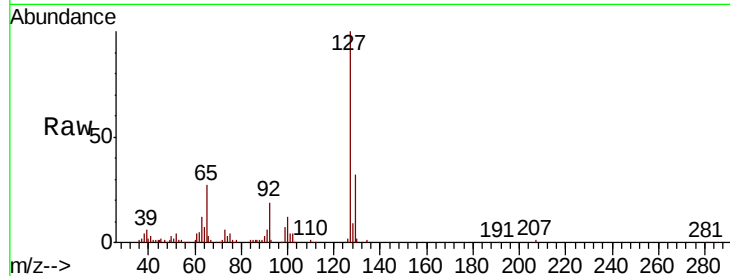




#33  
4-Chloroaniline  
Concen: 14.732 ng  
RT: 10.35 min Scan# 1268  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

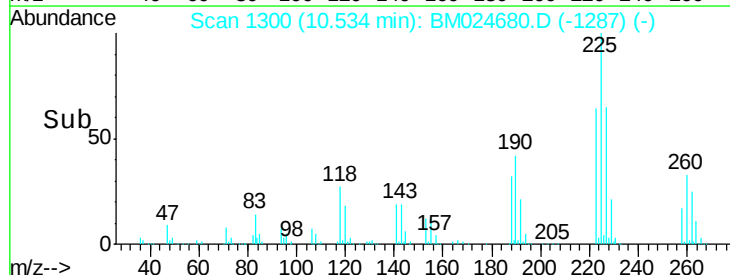
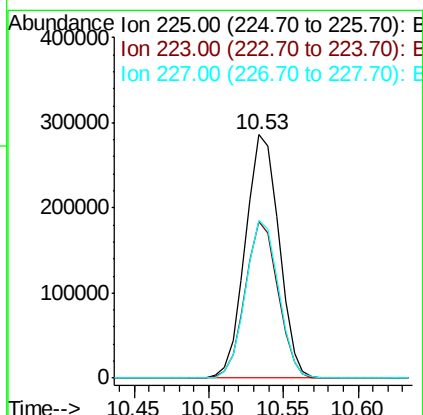
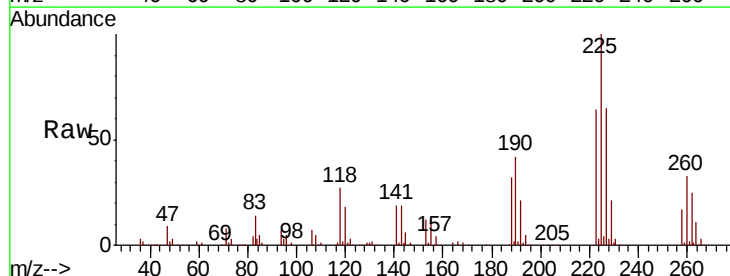
Instrument :  
BNA\_M  
ClientSampled :

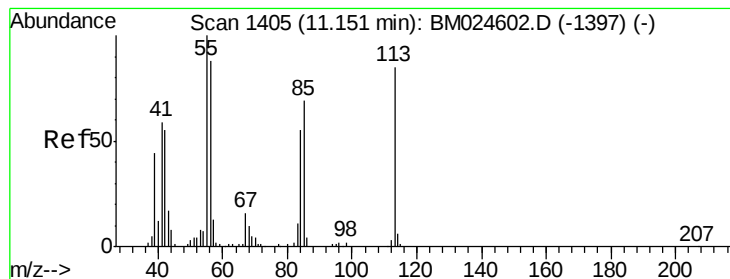
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 242807    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 32.1  | 25.9 38.9 |
| 65          | 26.9  | 25.1 37.7 |
| 92          | 18.7  | 16.6 25.0 |



#34  
Hexachlorobutadiene  
Concen: 43.167 ng  
RT: 10.53 min Scan# 1300  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 445077    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.3  | 50.7 76.1 |
| 227         | 65.0  | 51.4 77.0 |





#35

Caprolactam

Concen: 3.748 ng

RT: 11.13 min Scan# 1402

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampled :

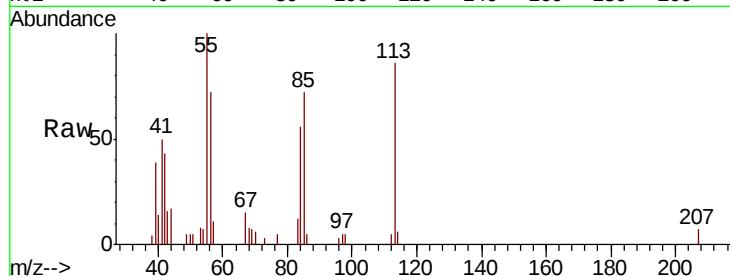
Tot Ion:113 Resp: 14872

Ion Ratio Lower Upper

113 100

55 116.7 97.5 137.5

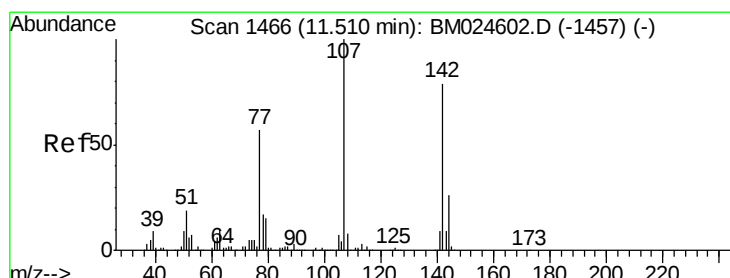
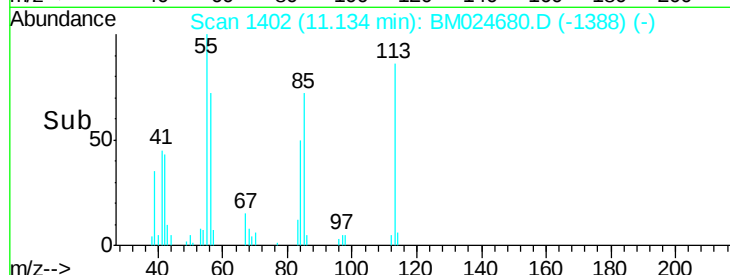
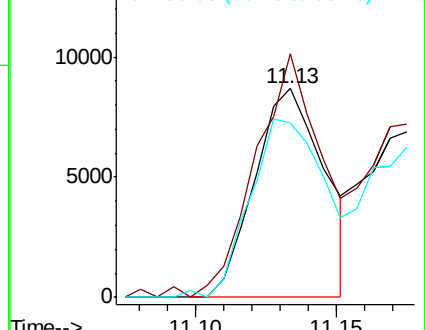
56 83.5 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 45.555 ng

RT: 11.49 min Scan# 1463

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

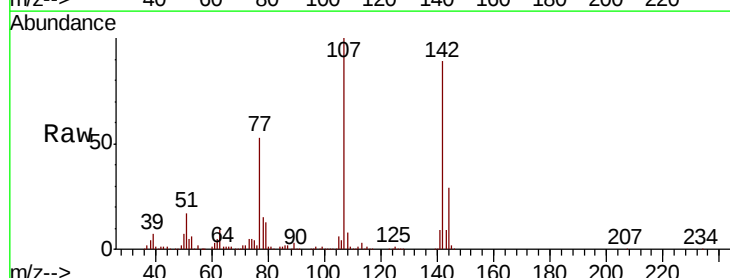
Tgt Ion:107 Resp: 599054

Ion Ratio Lower Upper

107 100

144 28.8 20.5 30.7

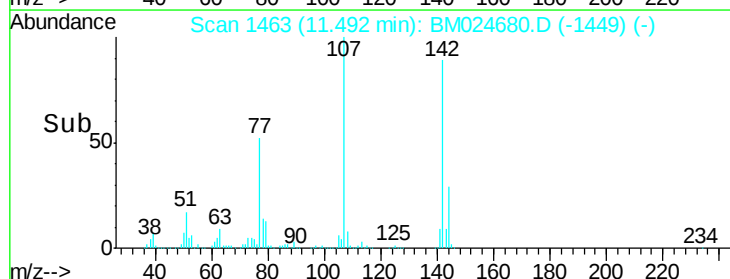
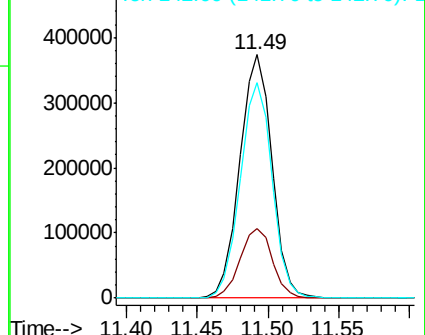
142 88.5 62.8 94.2

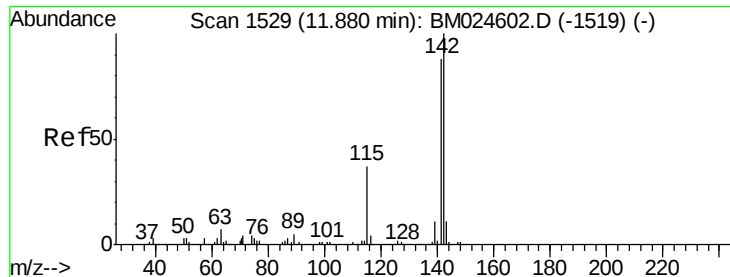


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

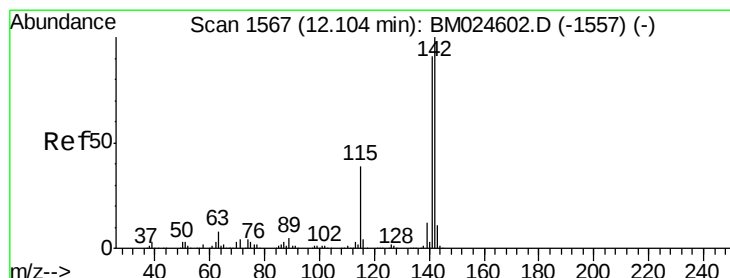
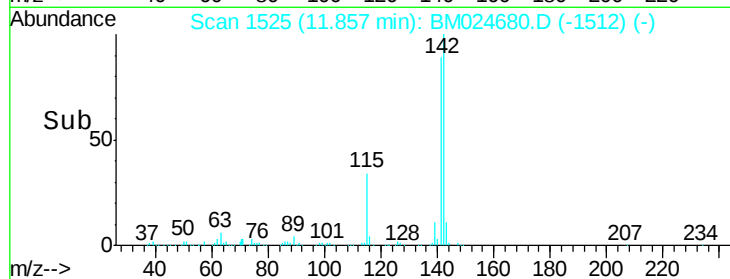
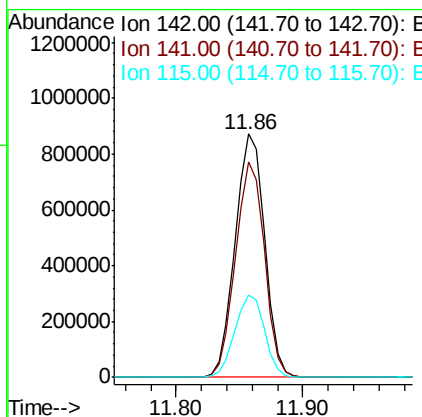
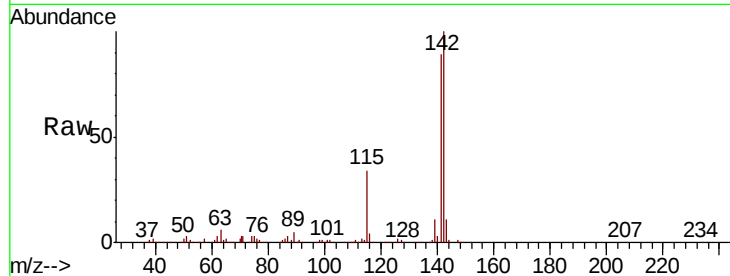




#37  
 2-Methylnaphthalene  
 Concen: 48.435 ng  
 RT: 11.86 min Scan# 1525  
 Delta R.T. -0.02 min  
 Lab File: BM024680.D  
 Acq: 31 Jan 2020 17:59

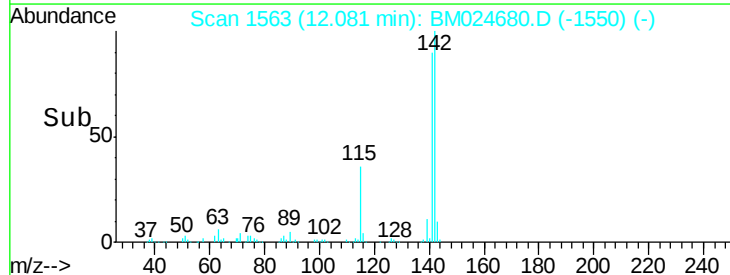
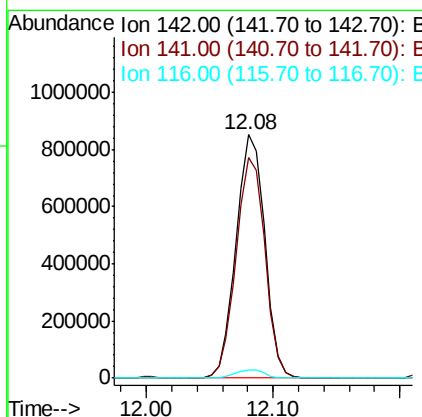
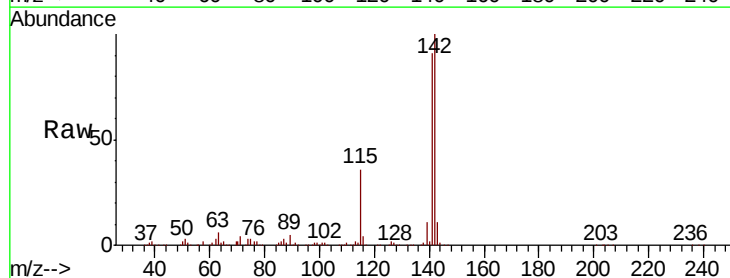
Instrument :  
 BNA\_M  
 ClientSampled :

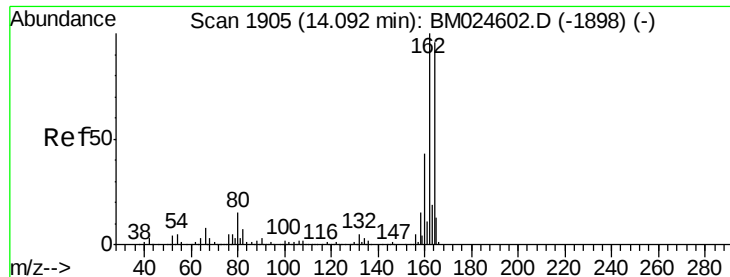
Tot Ion:142 Resp: 1405463  
 Ion Ratio Lower Upper  
 142 100  
 141 88.7 70.2 105.2  
 115 33.7 29.7 44.5



#38  
 1-Methylnaphthalene  
 Concen: 48.440 ng  
 RT: 12.08 min Scan# 1563  
 Delta R.T. -0.02 min  
 Lab File: BM024680.D  
 Acq: 31 Jan 2020 17:59

Tgt Ion:142 Resp: 1337055  
 Ion Ratio Lower Upper  
 142 100  
 141 90.7 72.8 109.2  
 116 3.6 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

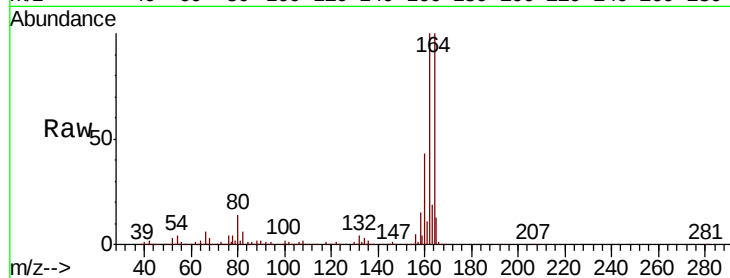
Tot Ion:164 Resp: 513706

Ion Ratio Lower Upper

164 100

162 99.8 82.9 124.3

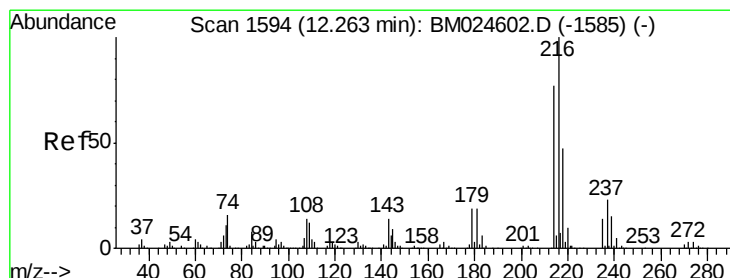
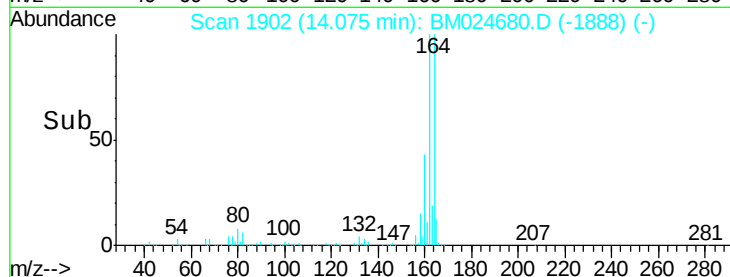
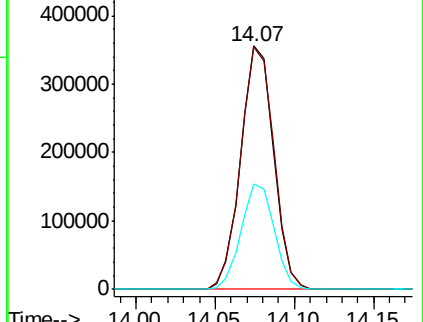
160 43.5 35.5 53.3



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: 48.245 ng

RT: 12.25 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion:216 Resp: 884541

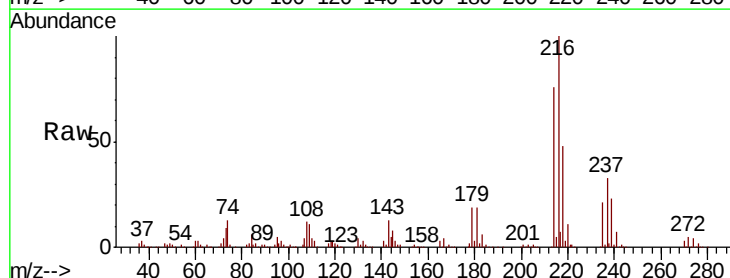
Ion Ratio Lower Upper

216 100

214 77.5 62.3 93.5

179 19.5 16.1 24.1

108 14.9 13.0 19.6

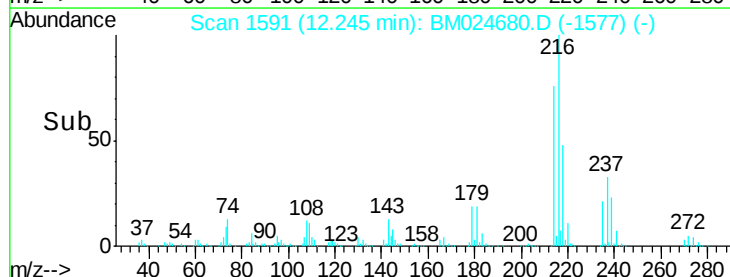
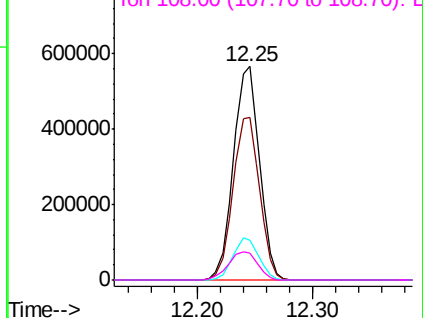


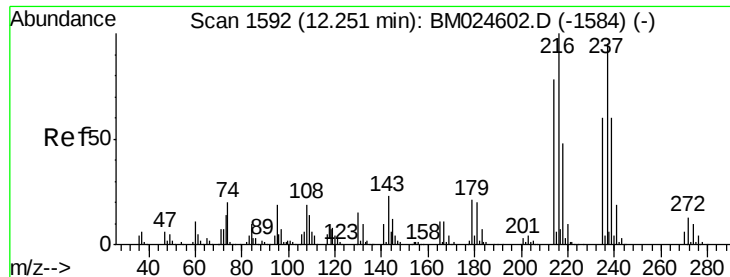
Abundance Ion 216.00 (215.70 to 216.70): E

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: 97.088 ng

RT: 12.23 min Scan# 1588

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampled :

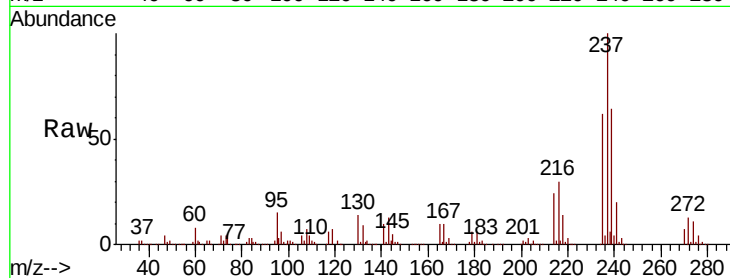
Tot Ion:237 Resp: 997733

Ion Ratio Lower Upper

237 100

235 62.4 43.3 83.3

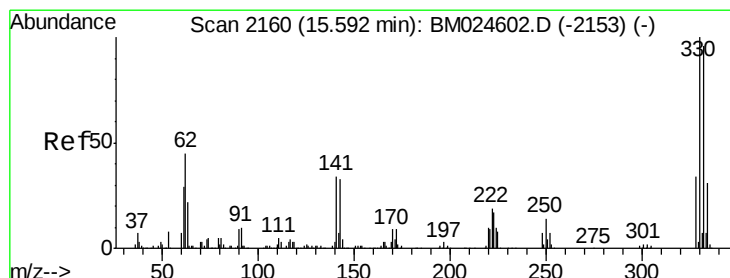
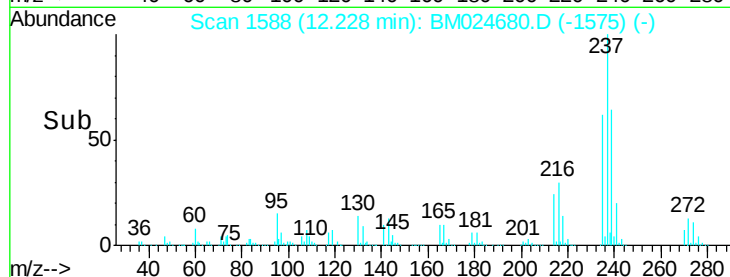
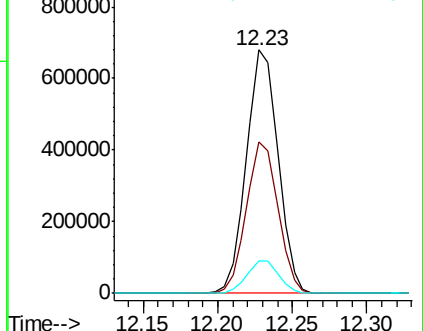
272 13.1 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 107.176 ng

RT: 15.58 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

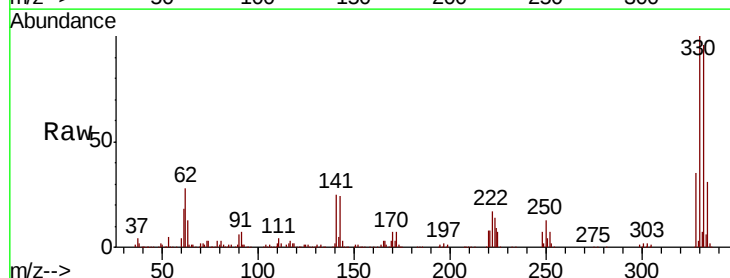
Tgt Ion:330 Resp: 895583

Ion Ratio Lower Upper

330 100

332 95.5 77.2 115.8

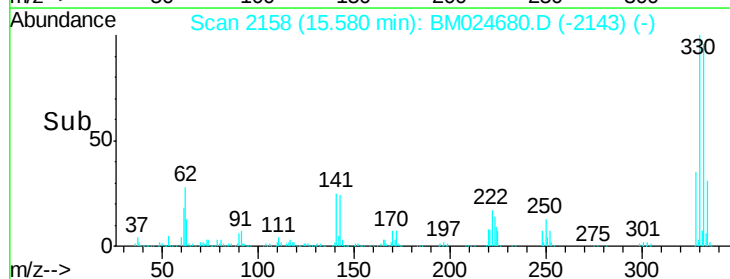
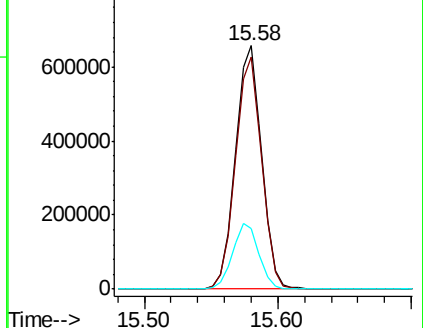
141 27.3 26.9 40.3

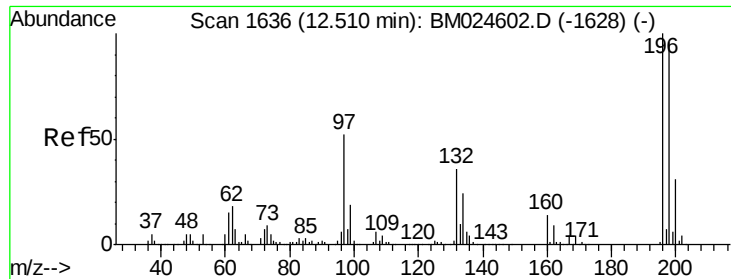


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

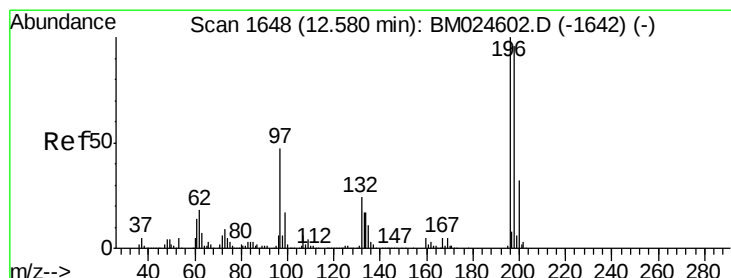
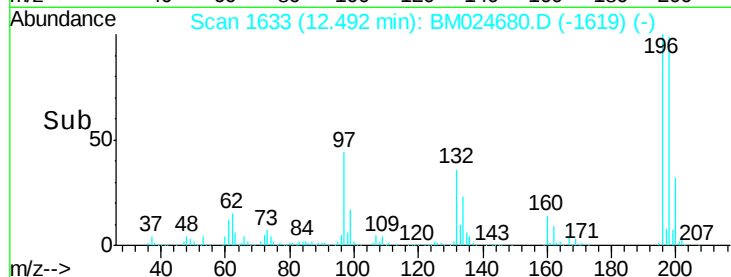
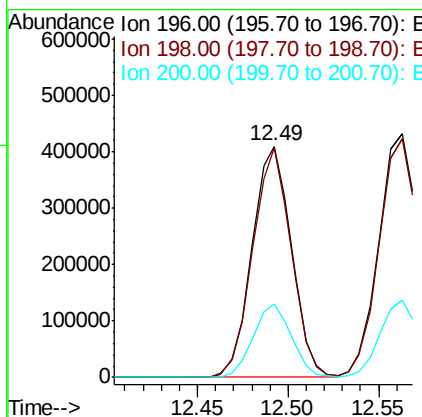
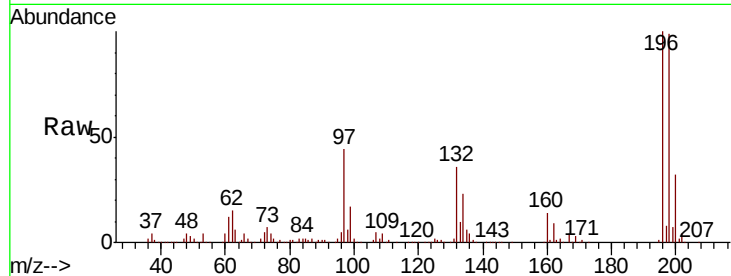




#43  
 2,4,6-Trichlorophenol  
 Concen: 52.966 ng  
 RT: 12.49 min Scan# 1633  
 Delta R.T. -0.02 min  
 Lab File: BM024680.D  
 Acq: 31 Jan 2020 17:59

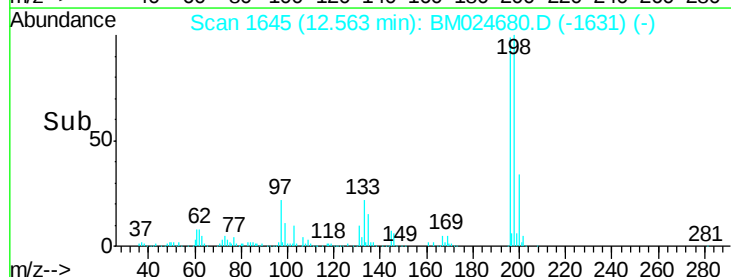
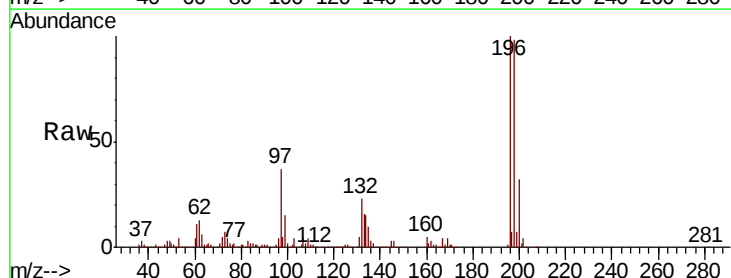
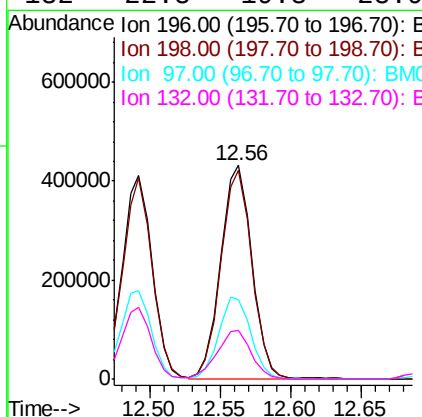
Instrument :  
 BNA\_M  
 ClientSampled :

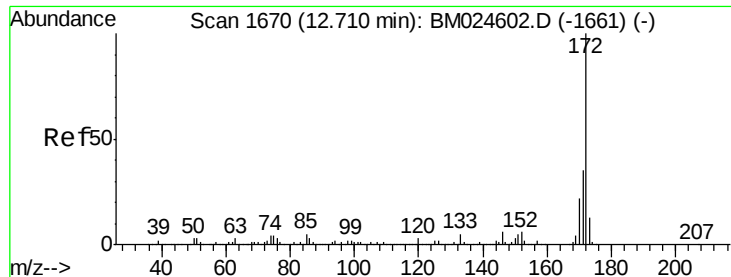
| Tot Ion   | 196   | Resp  | 617961 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 99.3  | 76.5  | 114.7  |
| 200       | 31.6  | 25.0  | 37.6   |



#44  
 2,4,5-Trichlorophenol  
 Concen: 55.463 ng  
 RT: 12.56 min Scan# 1645  
 Delta R.T. -0.02 min  
 Lab File: BM024680.D  
 Acq: 31 Jan 2020 17:59

| Tgt Ion   | 196   | Resp  | 660860 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.0  | 77.2  | 115.8  |
| 97        | 36.9  | 37.4  | 56.0#  |
| 132       | 22.8  | 19.3  | 28.9   |

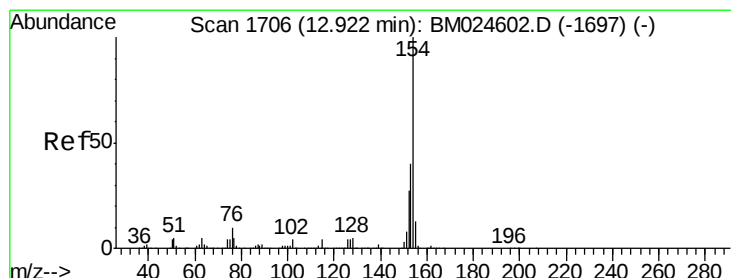
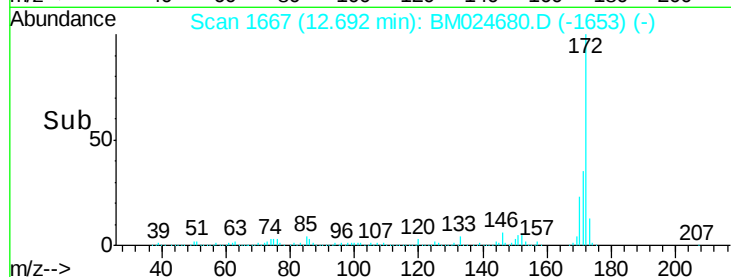
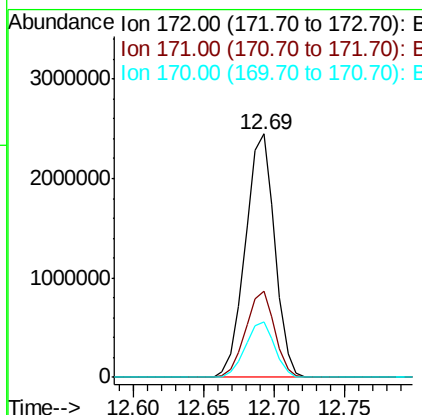
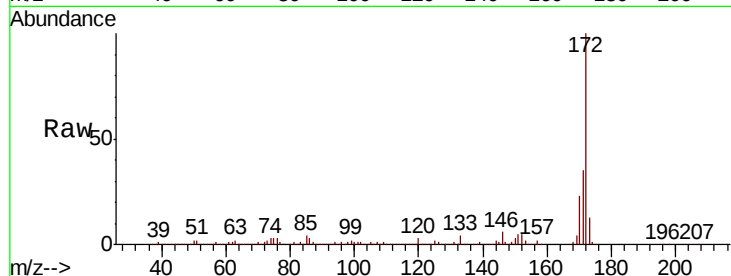




#45  
2-Fluorobiphenyl  
Concen: 94.328 ng  
RT: 12.69 min Scan# 1667  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

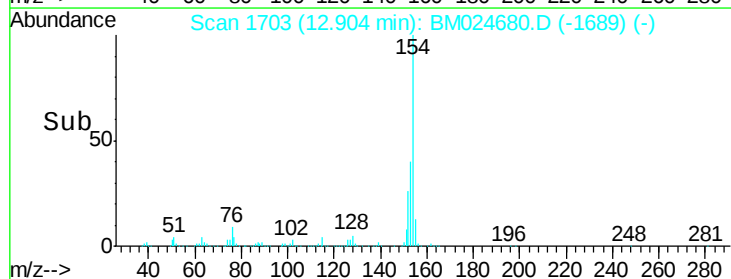
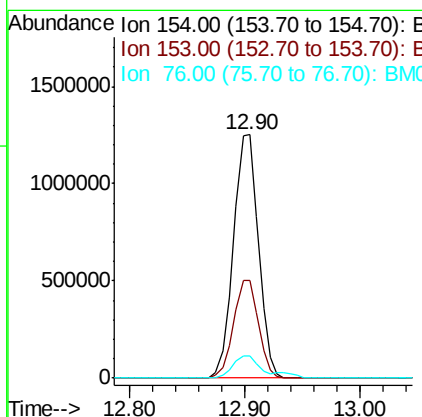
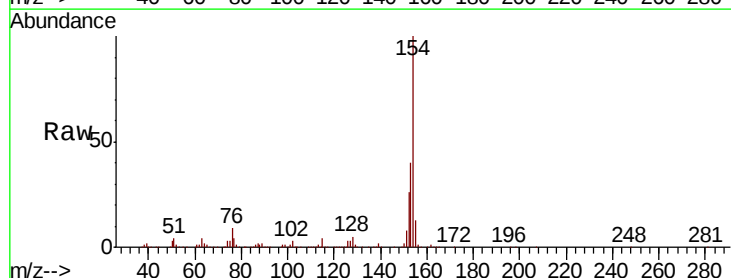
Instrument :  
BNA\_M  
ClientSampleId :

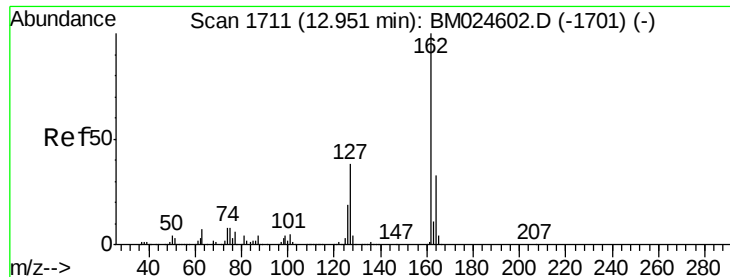
Tot Ion:172 Resp: 3564297  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.3 42.5  
170 22.7 17.9 26.9



#46  
1,1'-Biphenyl  
Concen: 48.245 ng  
RT: 12.90 min Scan# 1703  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Tgt Ion:154 Resp: 1875577  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.3 60.3  
76 9.3 0.0 30.5

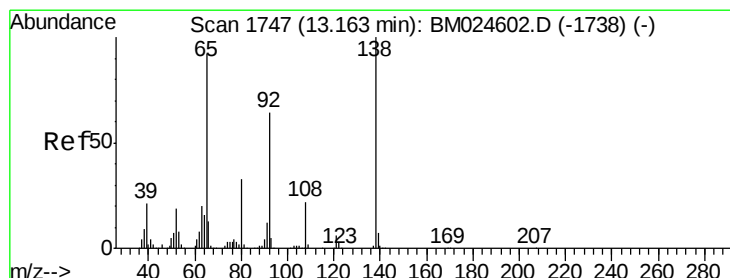
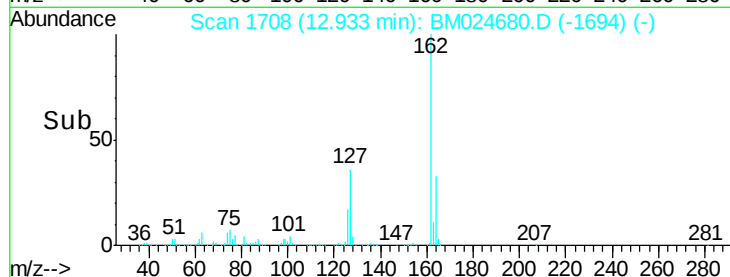
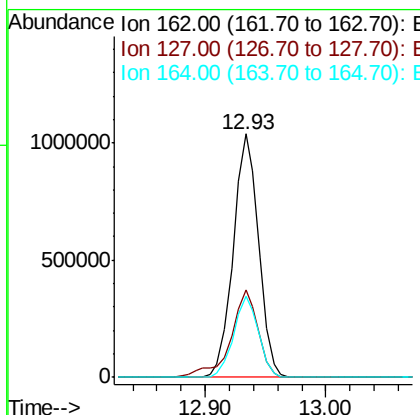
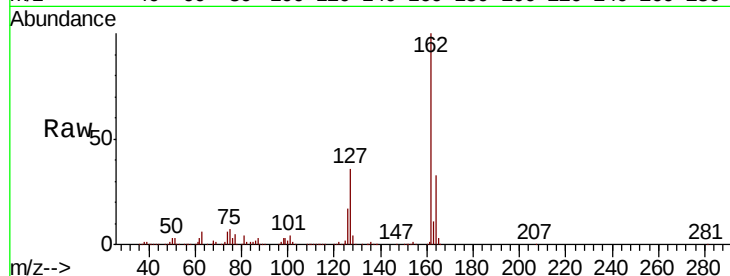




#47  
2-Chloronaphthalene  
Concen: 48.330 ng  
RT: 12.93 min Scan# 1708  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

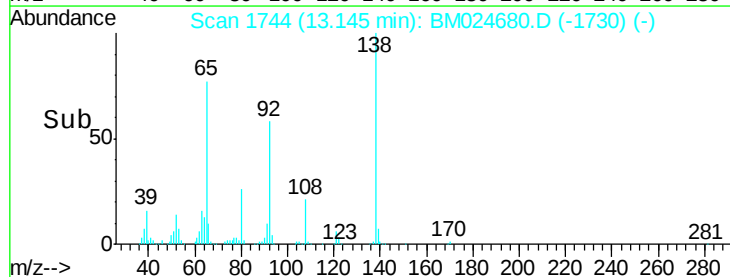
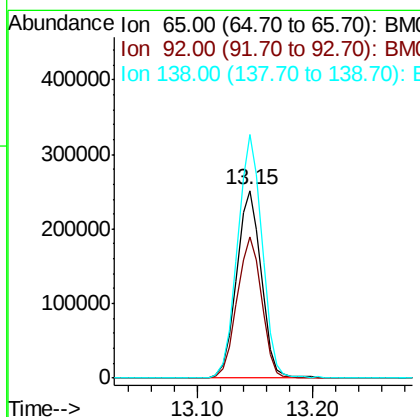
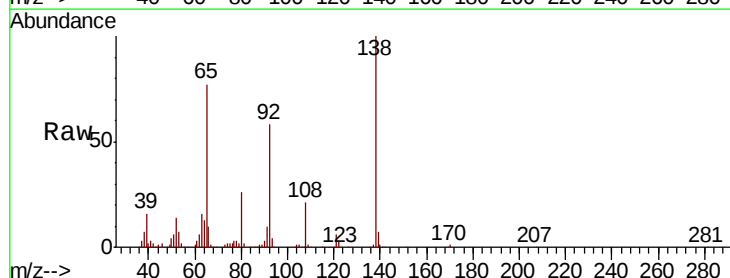
Instrument :  
BNA\_M  
ClientSampleId :

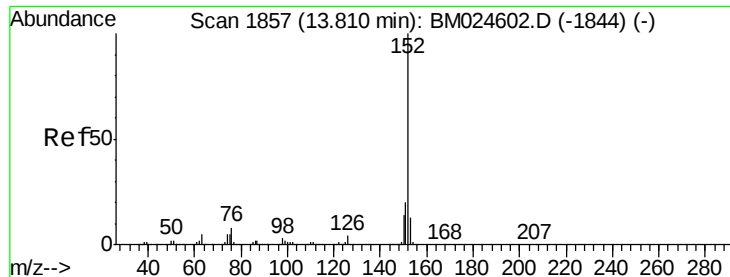
Tot Ion:162 Resp: 1516827  
Ion Ratio Lower Upper  
162 100  
127 36.0 30.4 45.6  
164 33.3 26.5 39.7



#48  
2-Nitroaniline  
Concen: 39.061 ng  
RT: 13.15 min Scan# 1744  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Tgt Ion: 65 Resp: 373895  
Ion Ratio Lower Upper  
65 100  
92 75.4 55.4 83.2  
138 129.6 86.6 129.8





#49

Acenaphthylene

Concen: 51.058 ng

RT: 13.79 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

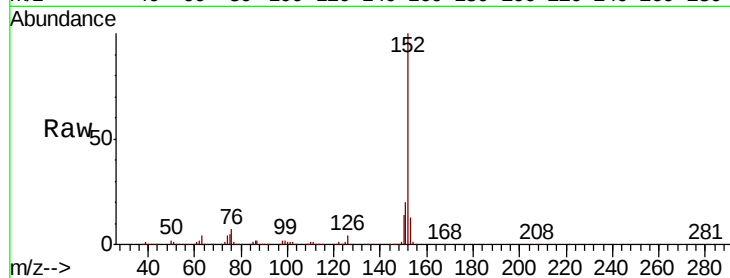
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 2398868

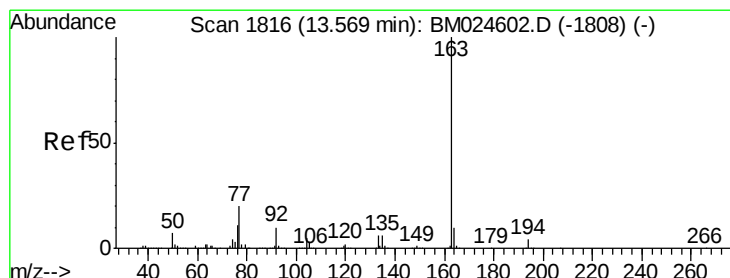
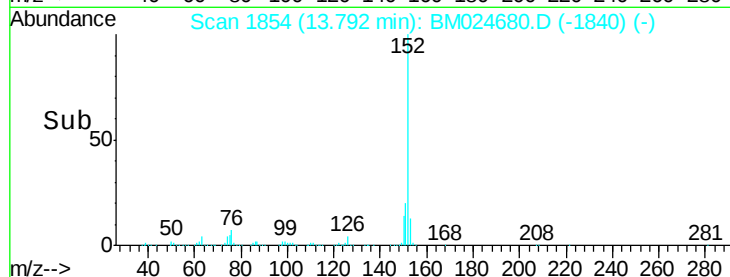
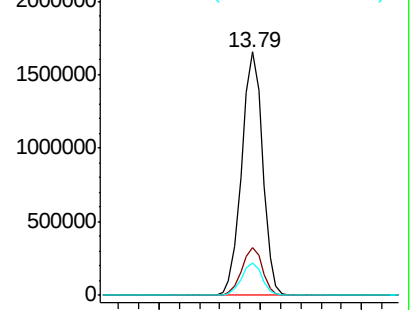
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.7  | 15.8  | 23.6  |
| 153 | 13.3  | 10.4  | 15.6  |



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: 48.522 ng

RT: 13.55 min Scan# 1813

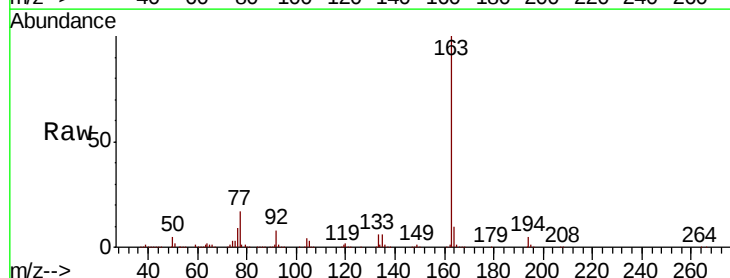
Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion:163 Resp: 2015572

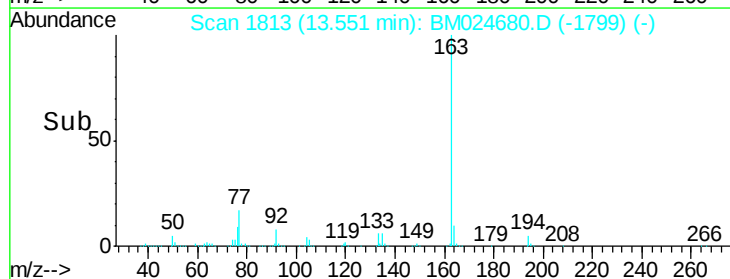
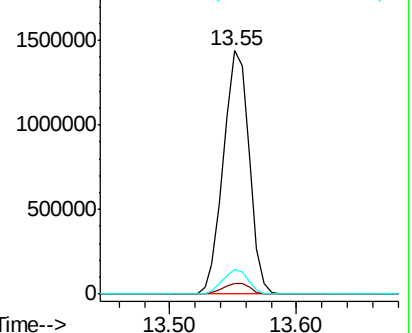
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.4   | 5.0   |
| 164 | 10.2  | 8.0   | 12.0  |

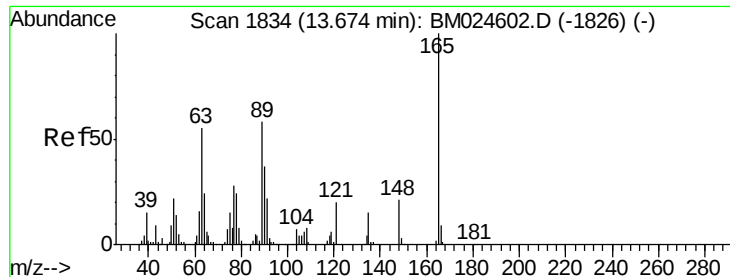


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

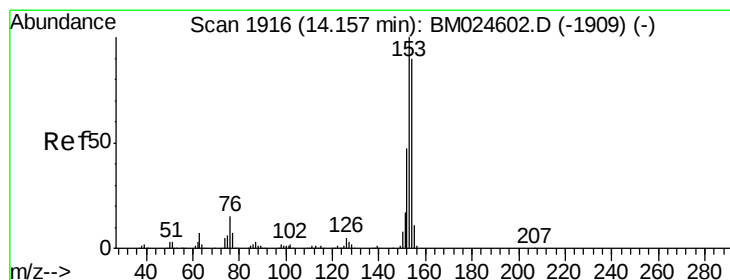
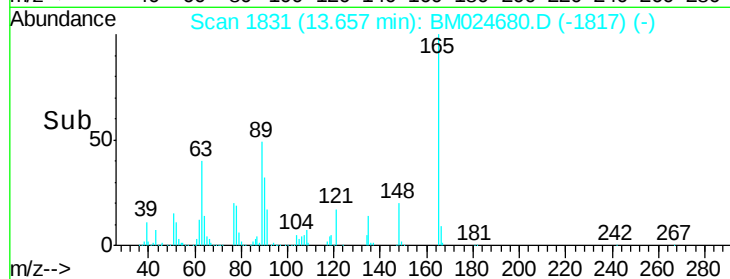
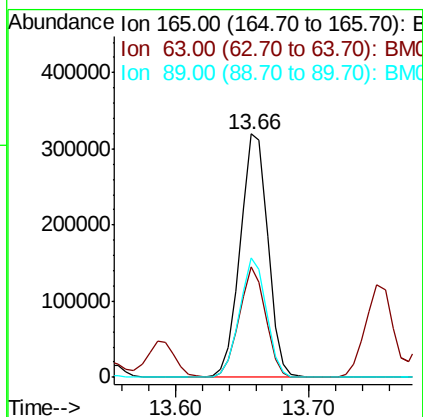
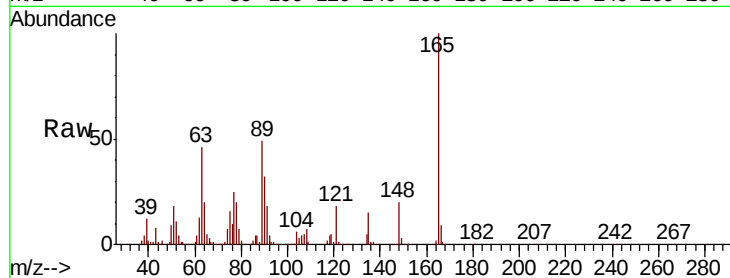




#51  
 2,6-Dinitrotoluene  
 Concen: 51.686 ng  
 RT: 13.66 min Scan# 1831  
 Delta R.T. -0.02 min  
 Lab File: BM024680.D  
 Acq: 31 Jan 2020 17:59

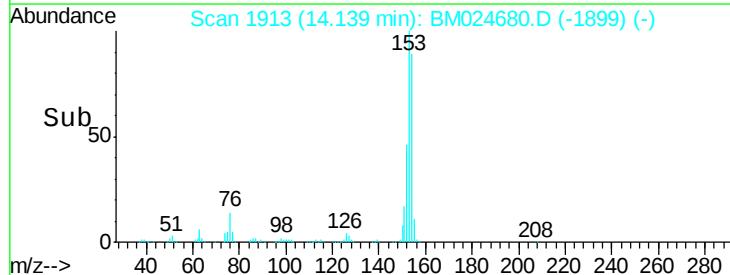
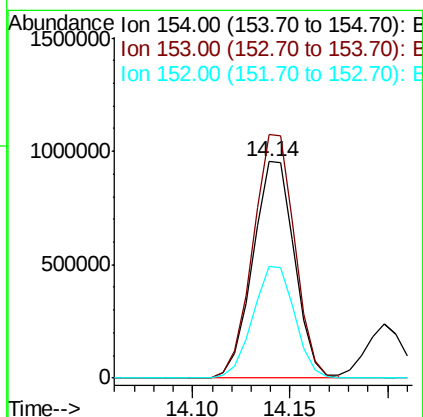
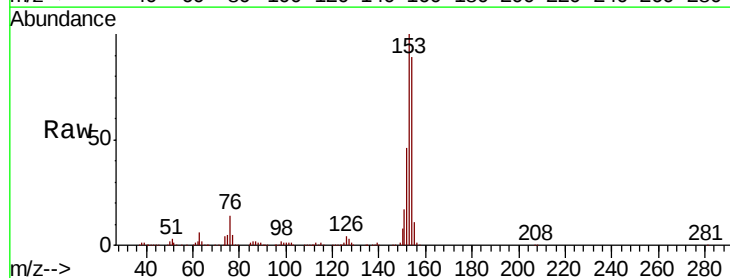
Instrument :  
 BNA\_M  
 ClientSampleId :

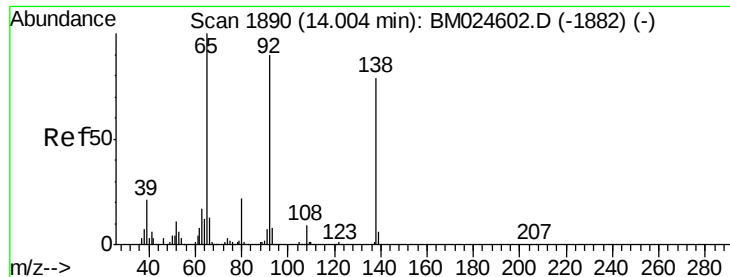
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.6  | 45.4  | 68.0  |
| 89      | 49.1  | 46.6  | 69.8  |



#52  
 Acenaphthene  
 Concen: 48.460 ng  
 RT: 14.14 min Scan# 1913  
 Delta R.T. -0.02 min  
 Lab File: BM024680.D  
 Acq: 31 Jan 2020 17:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.6 | 89.1  | 133.7 |
| 152     | 51.6  | 41.9  | 62.9  |





#53

3-Nitroaniline

Concen: 18.384 ng

RT: 13.99 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

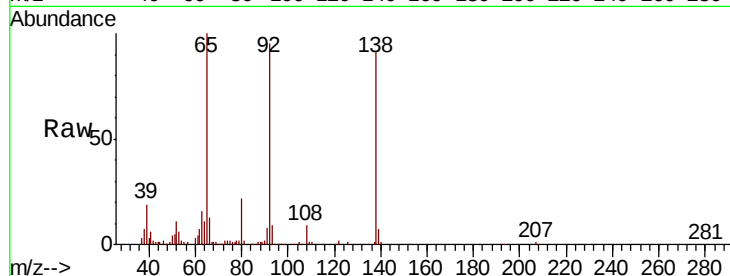
Tot Ion:138 Resp: 168400

Ion Ratio Lower Upper

138 100

108 10.2 8.7 13.1

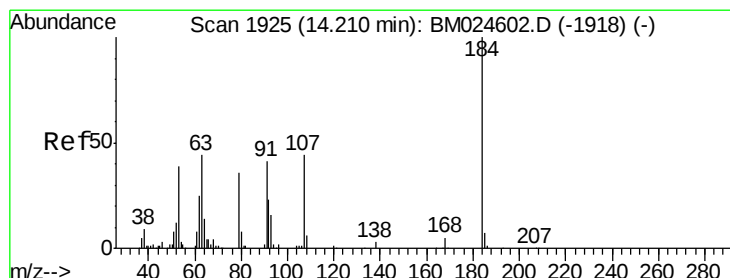
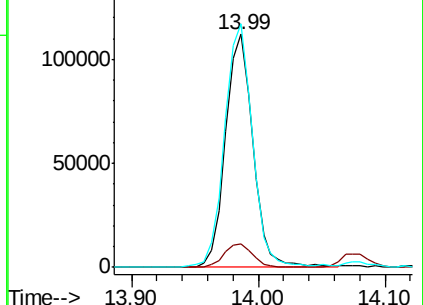
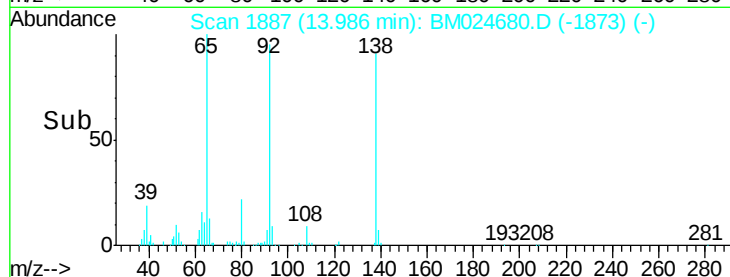
92 104.5 91.0 136.4



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): BM0



#54

2,4-Dinitrophenol

Concen: 107.210 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

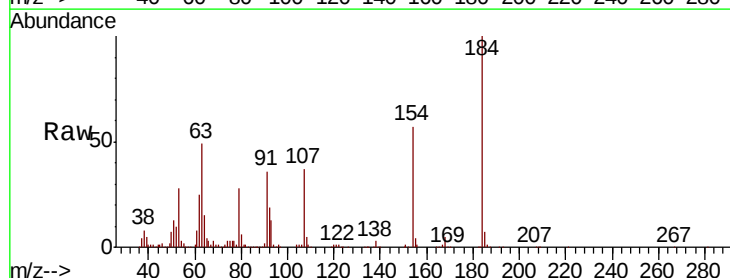
Tgt Ion:184 Resp: 566202

Ion Ratio Lower Upper

184 100

63 48.9 51.8 77.8#

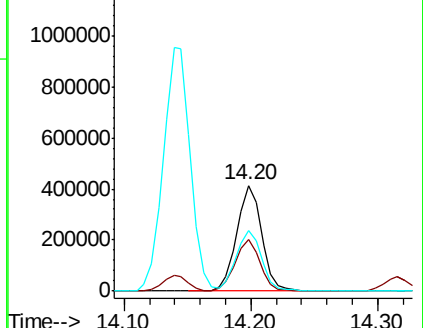
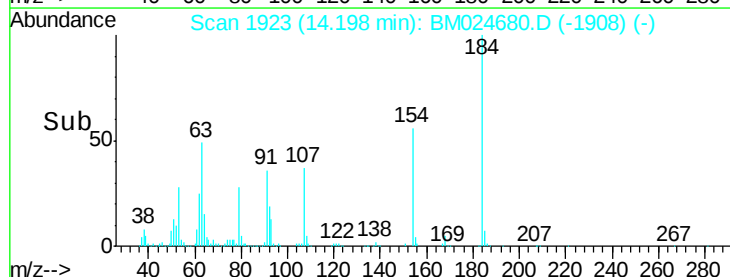
154 57.4 50.2 75.4

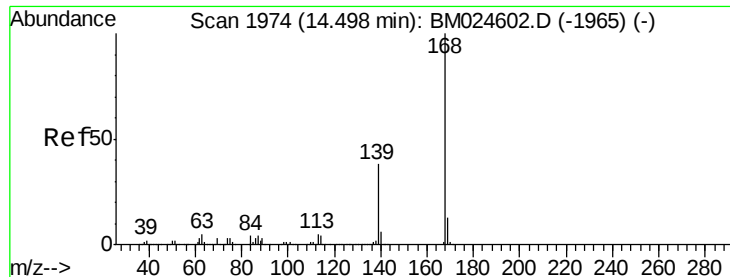


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

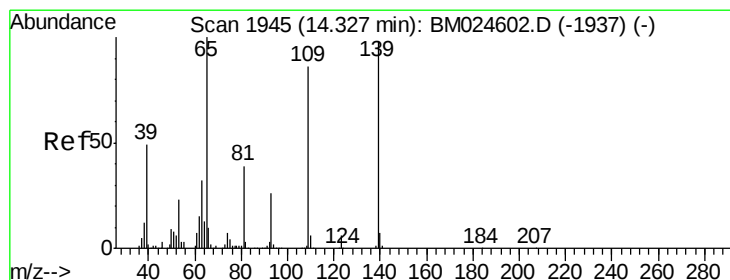
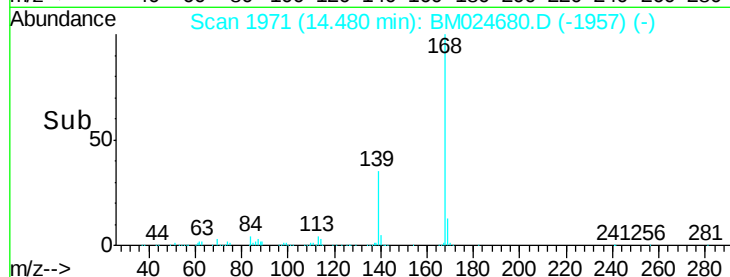
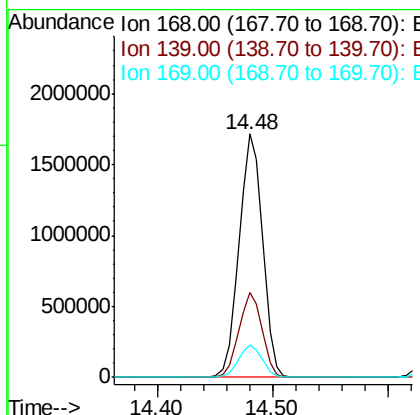
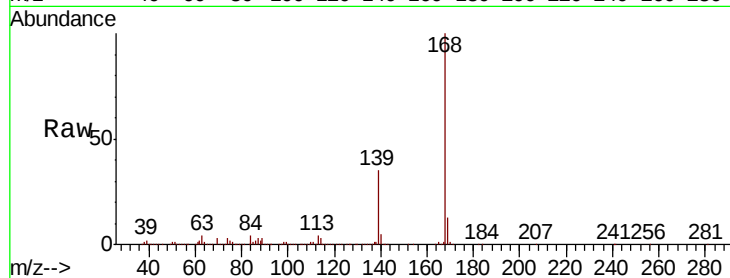




#55  
Dibenzofuran  
Concen: 50.787 ng  
RT: 14.48 min Scan# 1971  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

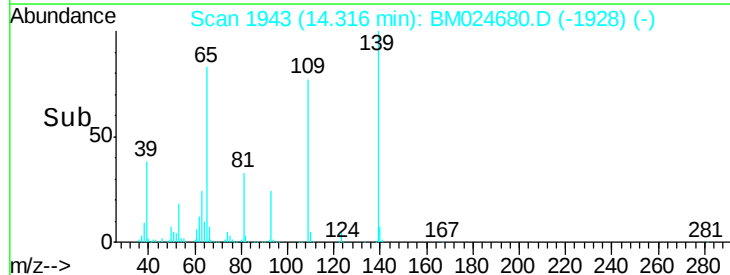
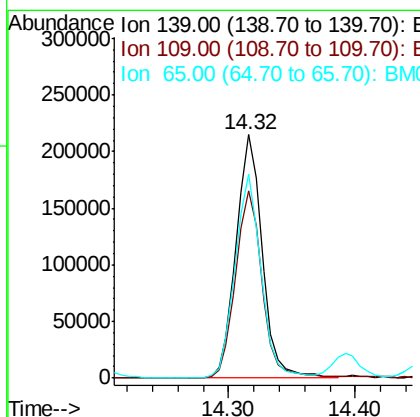
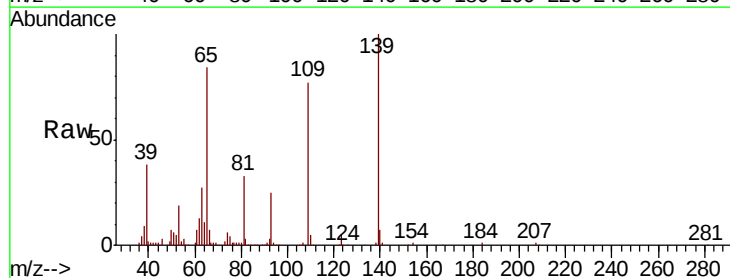
Instrument :  
BNA\_M  
ClientSampleId :

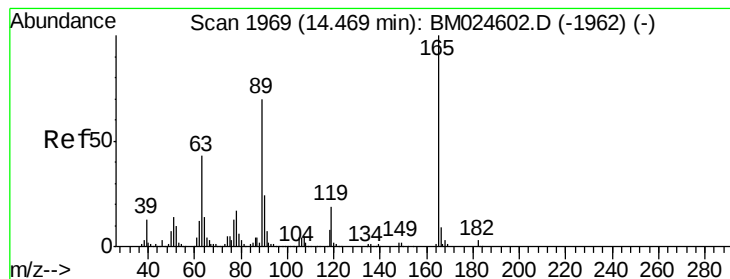
Tot Ion:168 Resp: 2414785  
Ion Ratio Lower Upper  
168 100  
139 34.7 30.2 45.4  
169 13.2 10.7 16.1



#56  
4-Nitrophenol  
Concen: 43.147 ng  
RT: 14.32 min Scan# 1943  
Delta R.T. -0.01 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Tgt Ion:139 Resp: 308942  
Ion Ratio Lower Upper  
139 100  
109 76.7 67.4 107.4  
65 83.6 82.1 122.1





#57

2,4-Dinitrotoluene

Concen: 50.916 ng

RT: 14.46 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:165 Resp: 644460

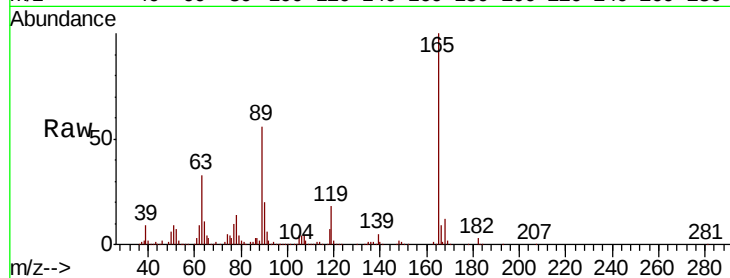
Ion Ratio Lower Upper

165 100

63 32.6 34.5 51.7#

89 55.7 55.8 83.8#

182 3.2 2.3 3.5

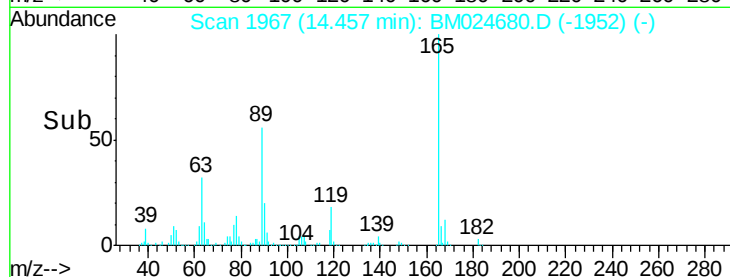


Abundance Ion 165.00 (164.70 to 165.70): E

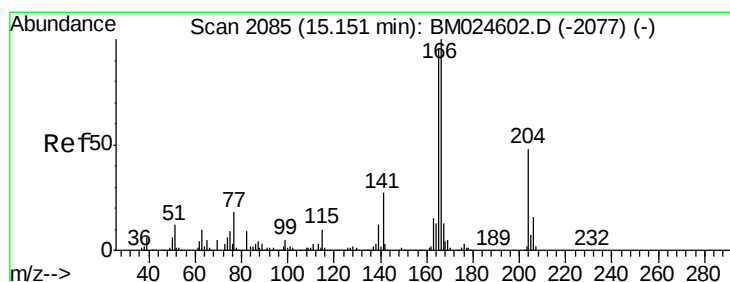
Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E



Time-->



#58

Fluorene

Concen: 48.818 ng

RT: 15.13 min Scan# 2082

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

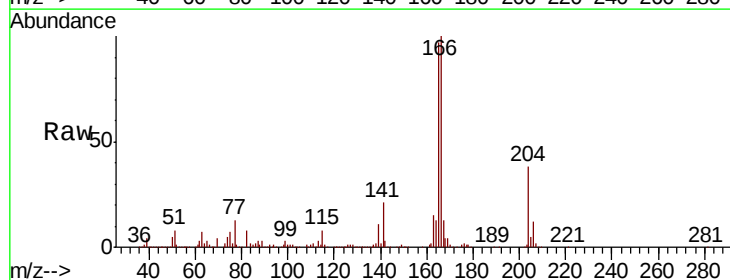
Tgt Ion:166 Resp: 1950637

Ion Ratio Lower Upper

166 100

165 96.7 76.6 114.8

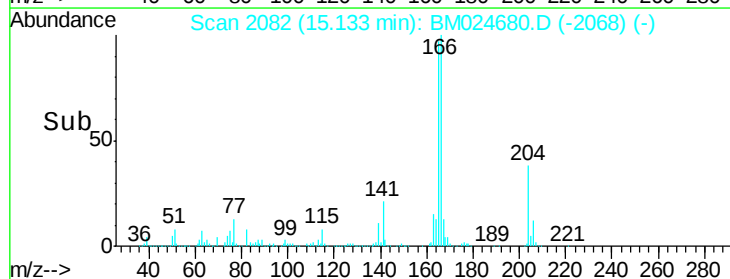
167 13.3 10.8 16.2



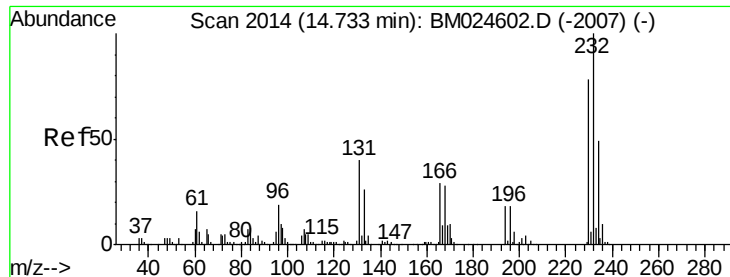
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



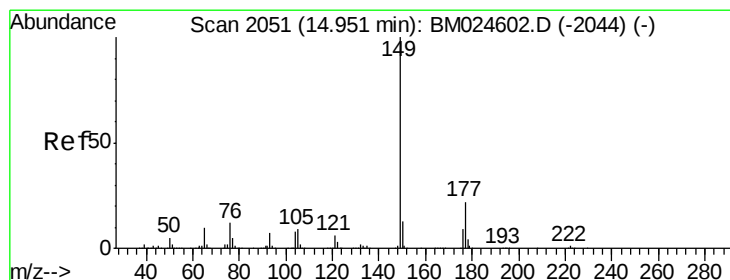
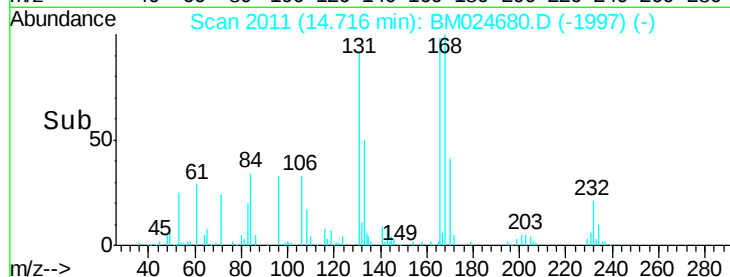
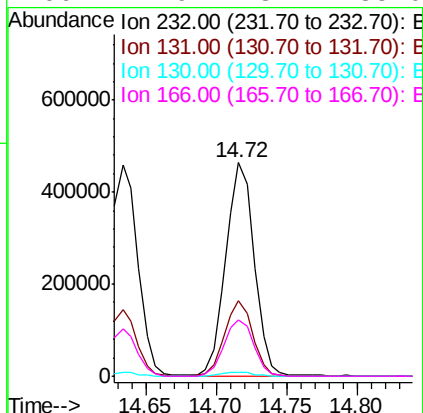
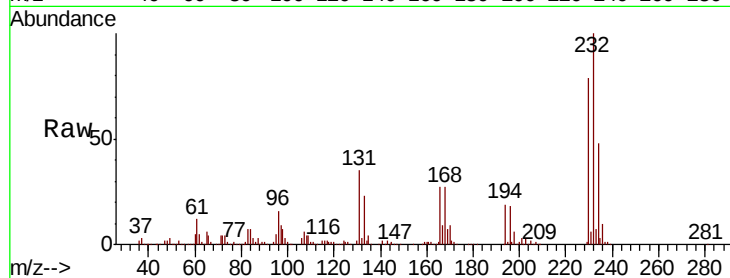
Time-->



#59  
2,3,4,6-Tetrachlorophenol  
Concen: 53.634 ng  
RT: 14.72 min Scan# 2011  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

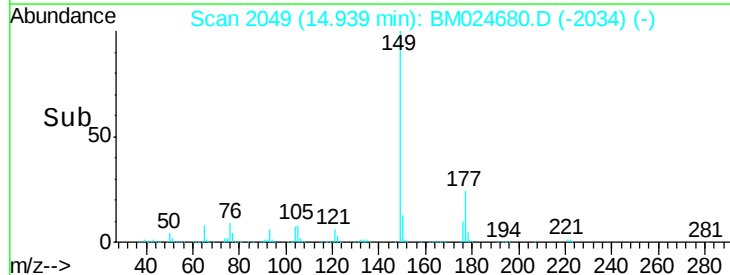
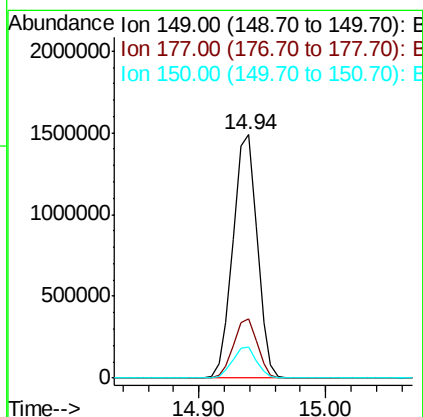
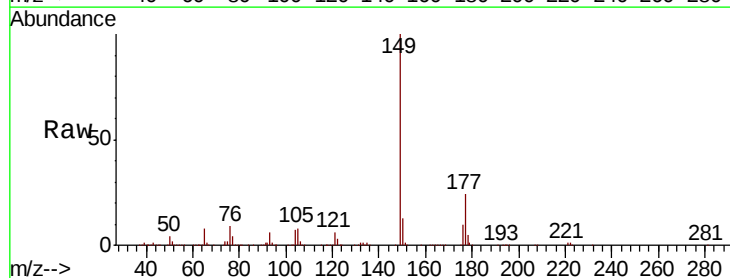
Instrument :  
BNA\_M  
ClientSampleId :

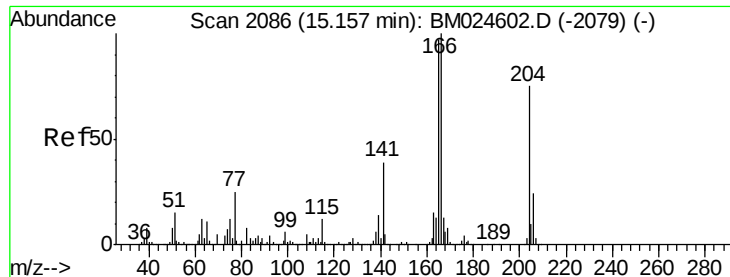
Tot Ion:232 Resp: 648079  
Ion Ratio Lower Upper  
232 100  
131 35.1 32.2 48.4  
130 1.9 1.9 2.9  
166 27.9 23.4 35.0



#60  
Diethylphthalate  
Concen: 46.600 ng  
RT: 14.94 min Scan# 2049  
Delta R.T. -0.01 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Tgt Ion:149 Resp: 1965223  
Ion Ratio Lower Upper  
149 100  
177 24.4 18.0 27.0  
150 12.5 10.2 15.4





#61

4-Chlorophenyl-phenylether

Concen: 47.709 ng

RT: 15.14 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

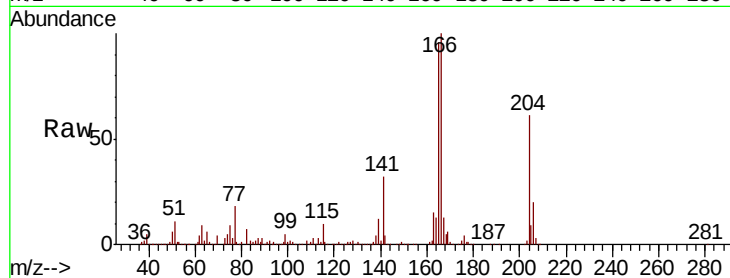
Instrument :

BNA\_M

ClientSampled :

Tot Ion:204 Resp: 1099047

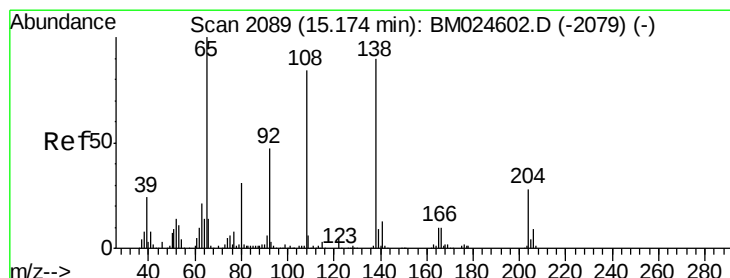
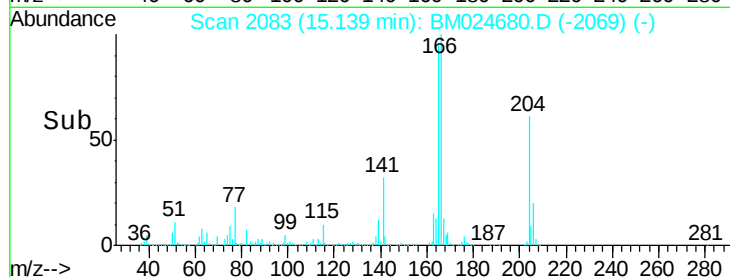
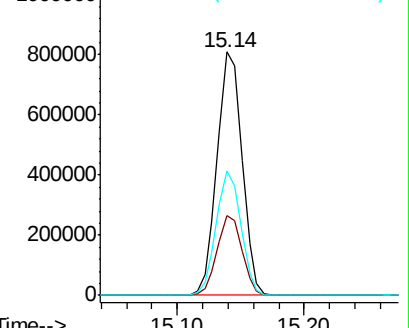
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 32.8  | 26.2  | 39.2  |
| 141 | 51.4  | 42.2  | 63.2  |



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: 40.764 ng

RT: 15.16 min Scan# 2086

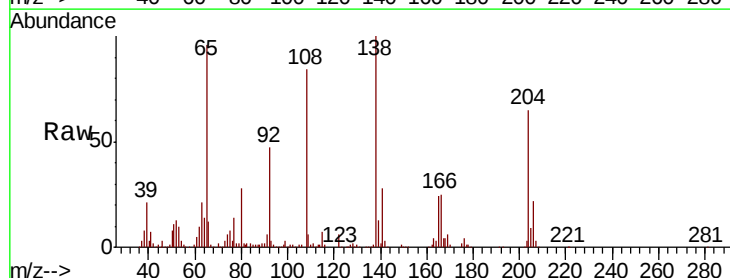
Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion:138 Resp: 412159

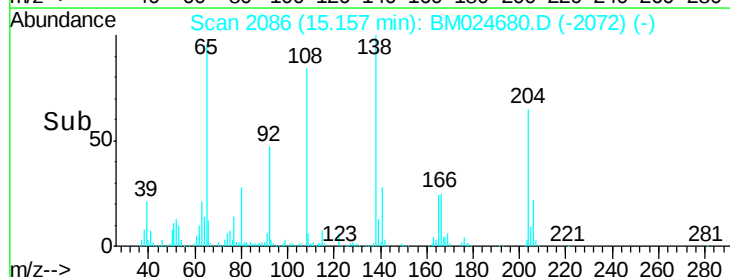
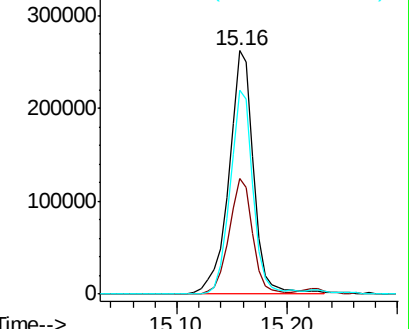
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 92  | 47.2  | 32.4  | 72.4  |
| 108 | 83.7  | 73.3  | 113.3 |

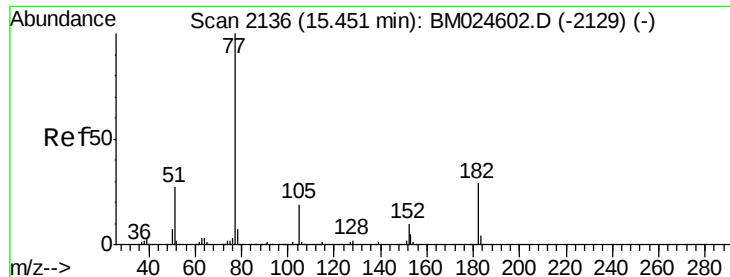


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 42.051 ng

RT: 15.43 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

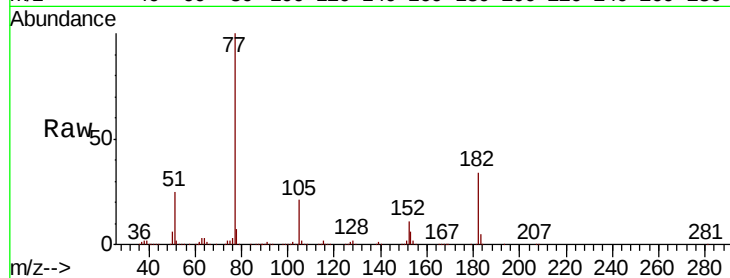
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 1512665

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 34.1  | 8.7   | 48.7  |
| 105 | 21.1  | 0.0   | 39.2  |
| 51  | 25.4  | 7.5   | 47.5  |

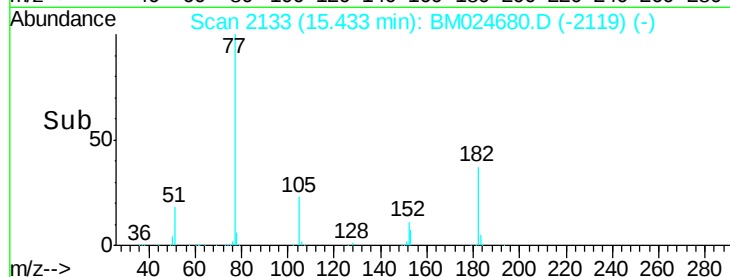


Abundance Ion 77.00 (76.70 to 77.70): BM0

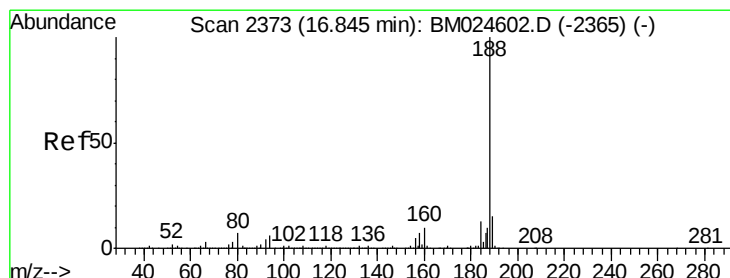
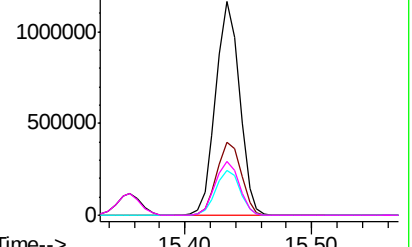
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.83 min Scan# 2370

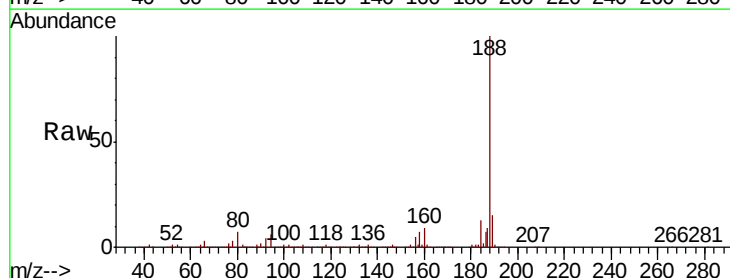
Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion: 188 Resp: 1192936

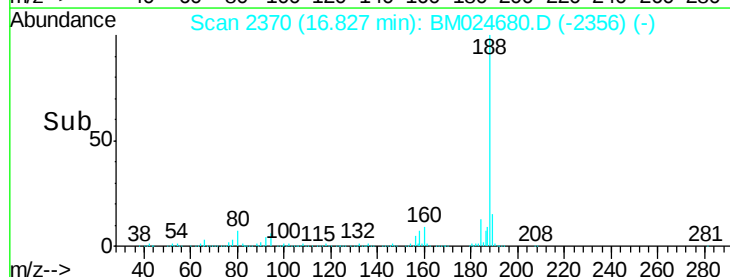
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.5   | 5.0   | 7.6   |
| 80  | 6.6   | 5.8   | 8.8   |



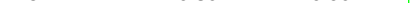
Abundance Ion 188.00 (187.70 to 188.70): E

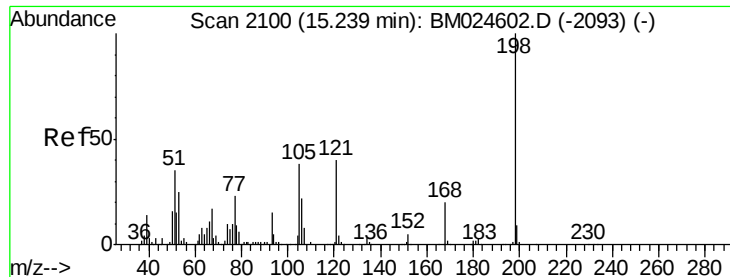
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 59.364 ng

RT: 15.23 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

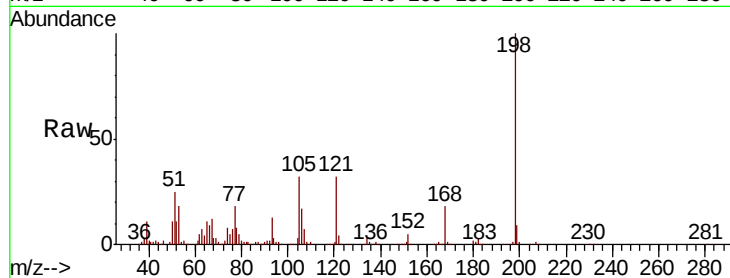
Tot Ion:198 Resp: 416389

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 25.1  | 15.8  | 55.8  |
| 105 | 32.0  | 18.5  | 58.5  |

198 100

51 25.1 15.8 55.8

105 32.0 18.5 58.5



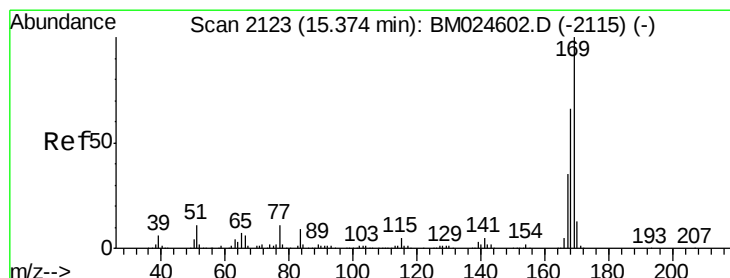
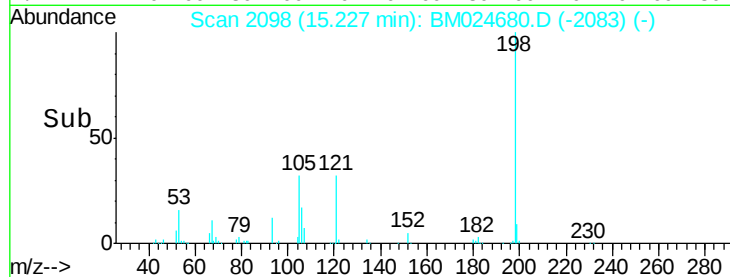
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

15.23

Time-->



#66

n-Nitrosodiphenylamine

Concen: 50.845 ng

RT: 15.36 min Scan# 2120

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

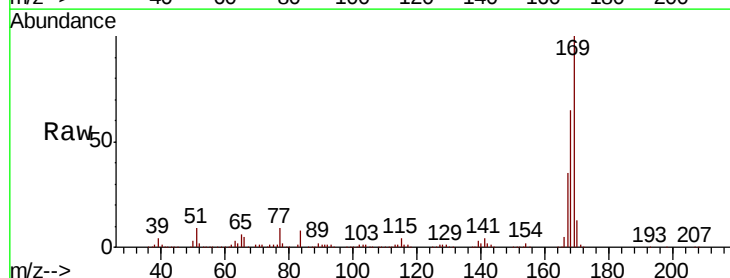
Tgt Ion:169 Resp: 1742313

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 64.9  | 52.8  | 79.2  |
| 167 | 34.6  | 28.2  | 42.2  |

169 100

168 64.9 52.8 79.2

167 34.6 28.2 42.2



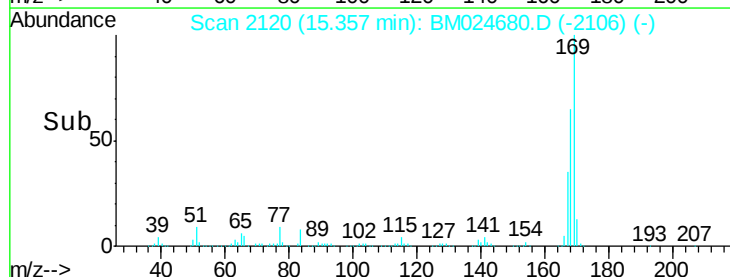
Abundance Ion 169.00 (168.70 to 169.70): E

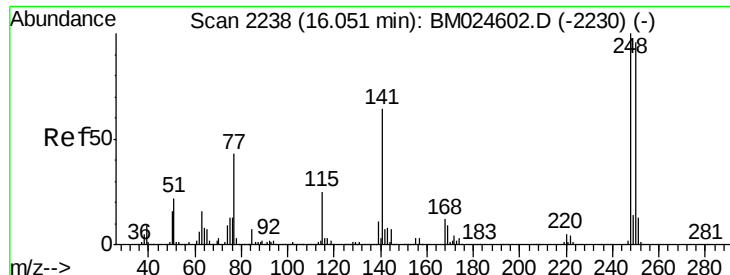
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.36

Time-->

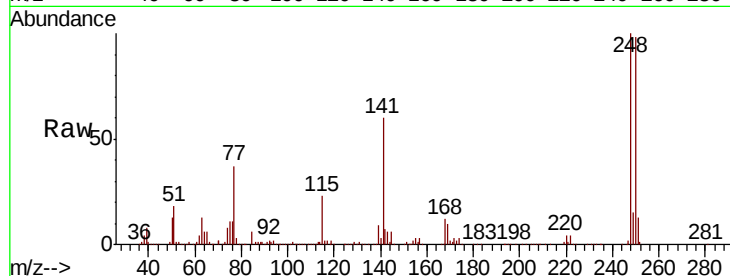




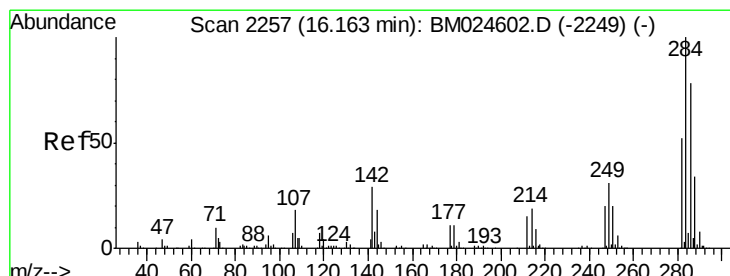
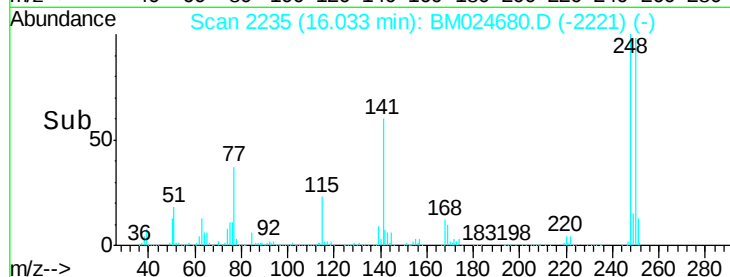
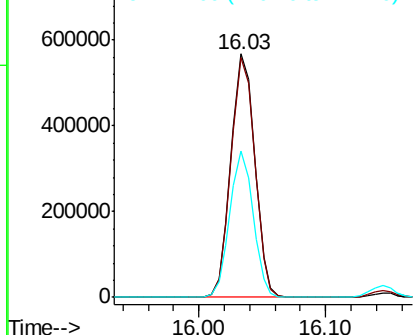
#67  
4-Bromophenyl-phenylether  
Concen: 49.984 ng  
RT: 16.03 min Scan# 2235  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:248 Resp: 741518  
Ion Ratio Lower Upper  
248 100  
250 98.2 77.0 115.6  
141 59.9 50.9 76.3

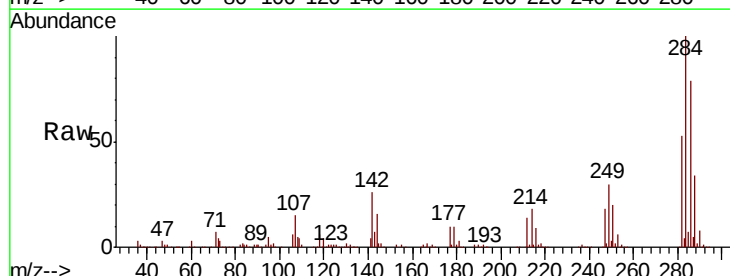


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

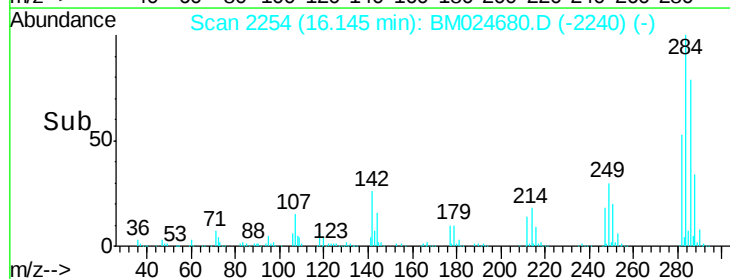
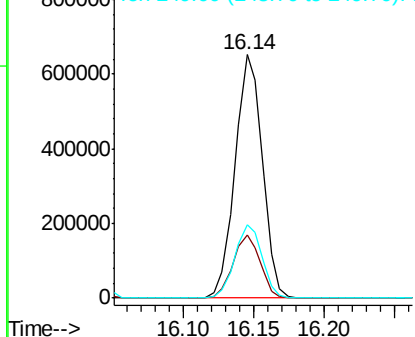


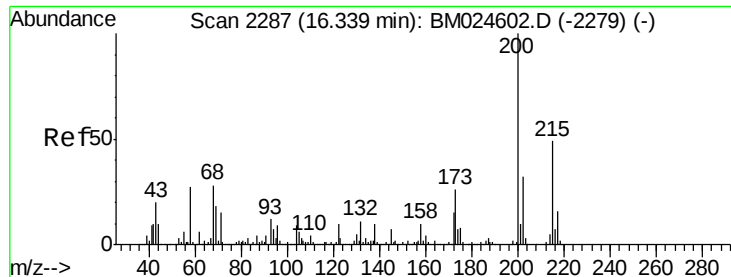
#68  
Hexachlorobenzene  
Concen: 51.549 ng  
RT: 16.14 min Scan# 2254  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Tgt Ion:284 Resp: 877570  
Ion Ratio Lower Upper  
284 100  
142 25.8 23.5 35.3  
249 29.9 24.6 36.8



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: 55.637 ng

RT: 16.33 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

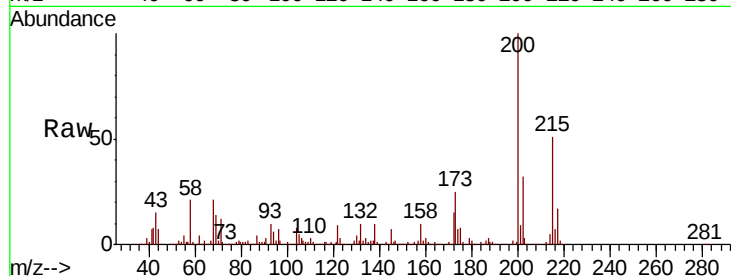
Tot Ion:200 Resp: 731810

Ion Ratio Lower Upper

200 100

173 24.9 5.5 45.5

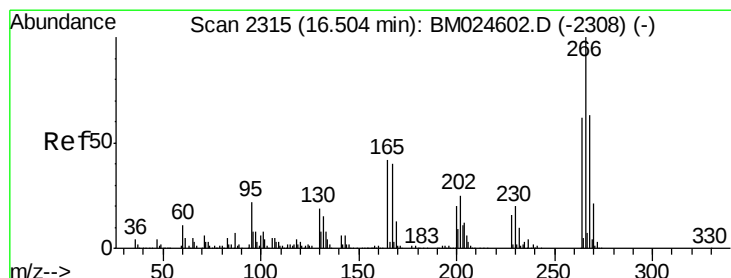
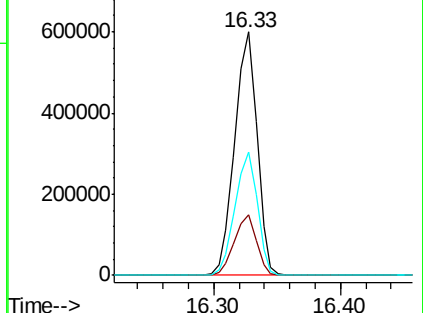
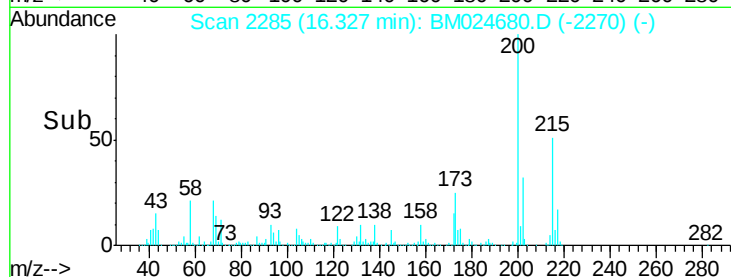
215 50.9 29.4 69.4



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: 108.438 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

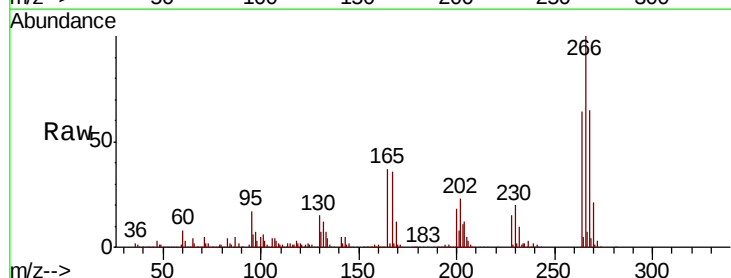
Tgt Ion:266 Resp: 1124465

Ion Ratio Lower Upper

266 100

268 65.0 50.4 75.6

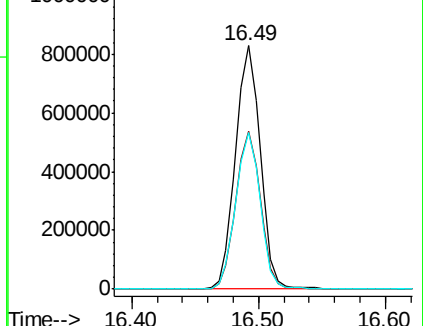
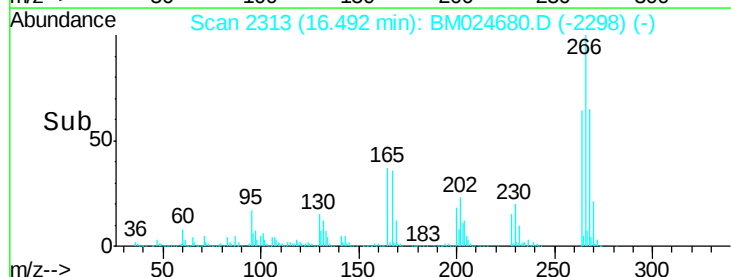
264 64.1 49.9 74.9

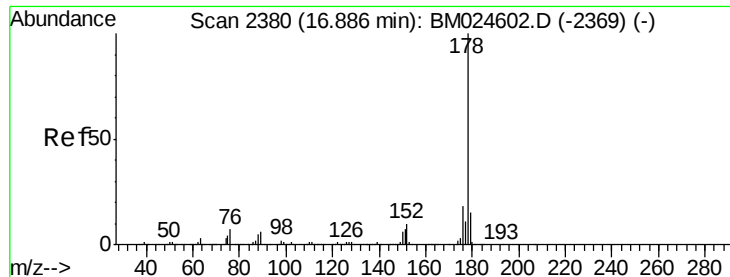


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

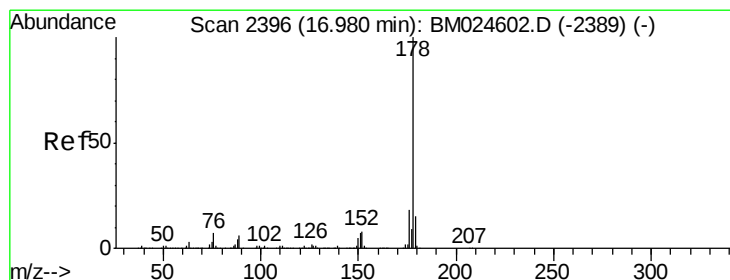
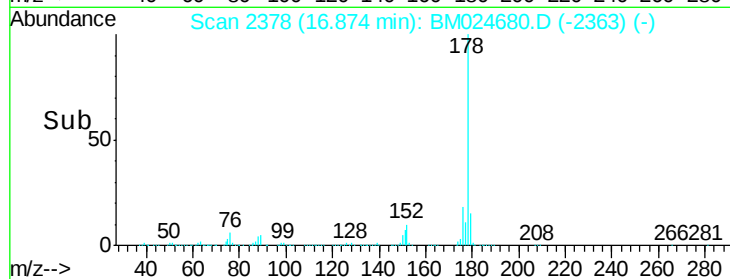
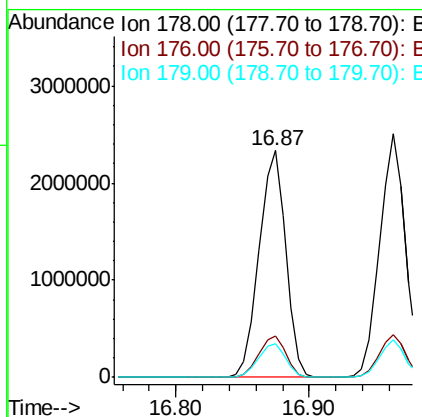
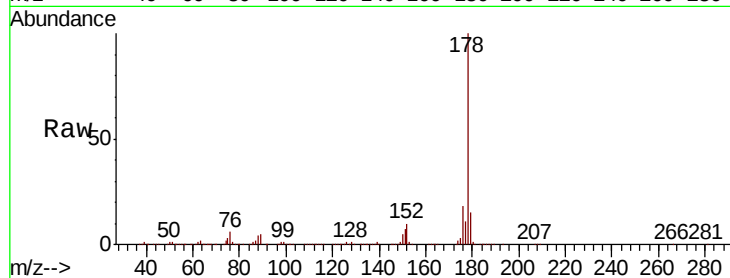




#71  
Phenanthrene  
Concen: 49.888 ng  
RT: 16.87 min Scan# 2378  
Delta R.T. -0.01 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

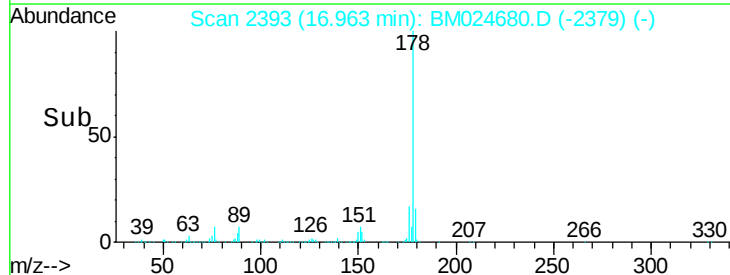
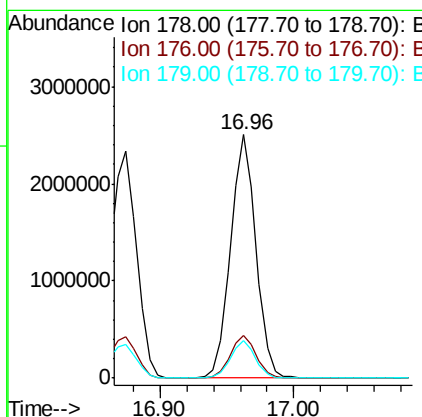
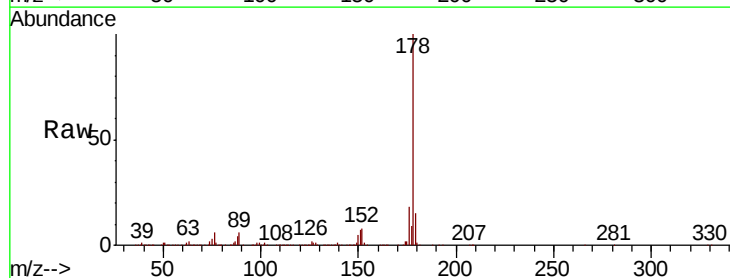
Instrument :  
BNA\_M  
ClientSampleId :

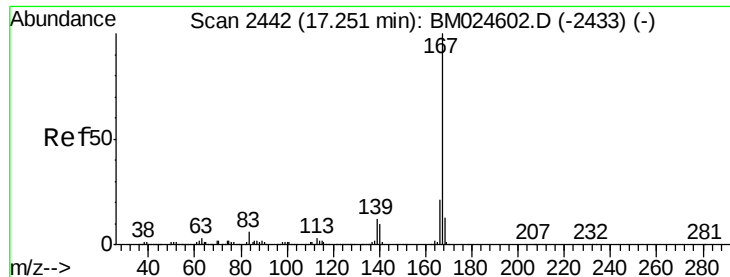
Tot Ion:178 Resp: 3222708  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.5 21.7  
179 14.9 11.9 17.9



#72  
Anthracene  
Concen: 52.345 ng  
RT: 16.96 min Scan# 2393  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Tgt Ion:178 Resp: 3308698  
Ion Ratio Lower Upper  
178 100  
176 17.8 14.3 21.5  
179 15.3 12.1 18.1





#73

Carbazole

Concen: 51.102 ng

RT: 17.24 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampled :

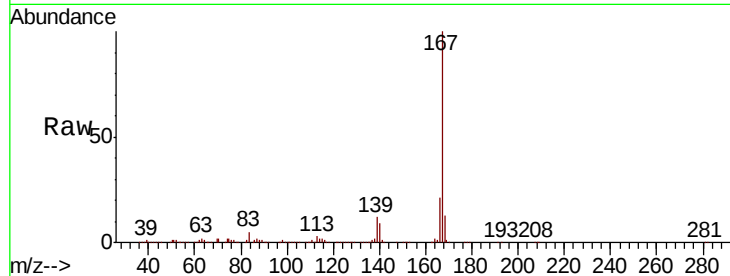
Tot Ion:167 Resp: 2940470

Ion Ratio Lower Upper

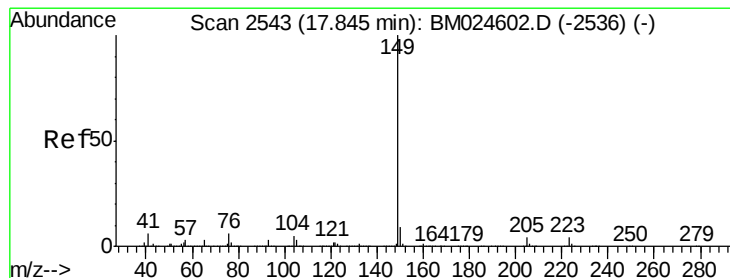
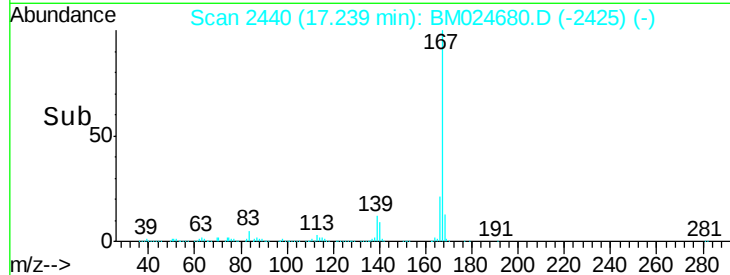
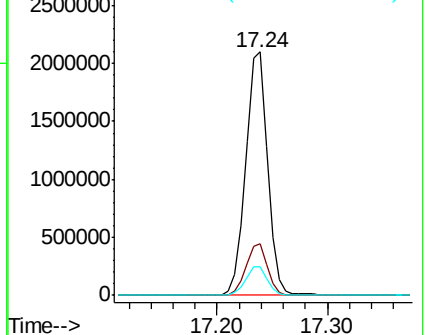
167 100

166 21.0 17.1 25.7

139 11.6 9.8 14.8



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: 47.302 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

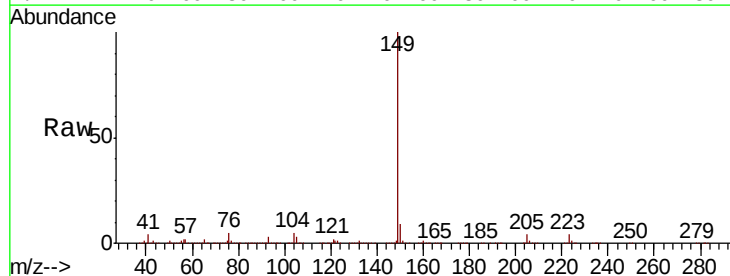
Tgt Ion:149 Resp: 3479630

Ion Ratio Lower Upper

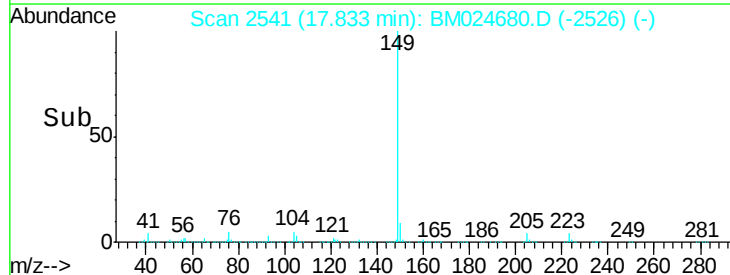
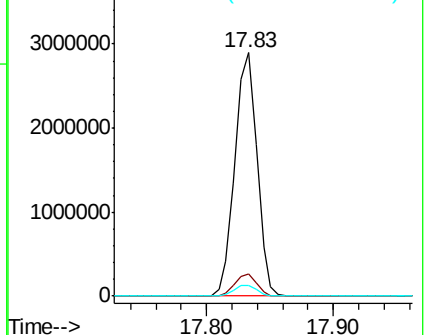
149 100

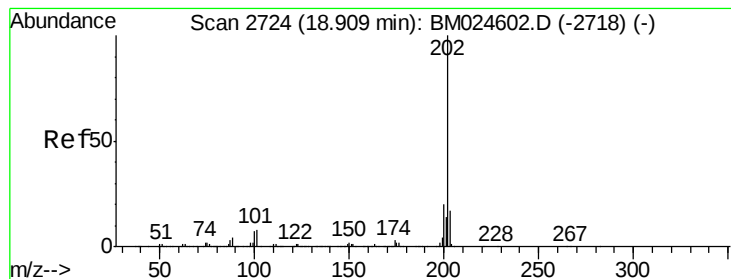
150 8.9 7.4 11.0

104 4.6 4.3 6.5



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: 51.111 ng

RT: 18.90 min Scan# 2722

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

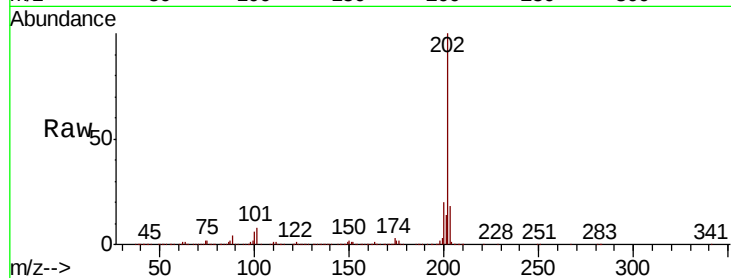
Tot Ion:202 Resp: 4120940

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.4

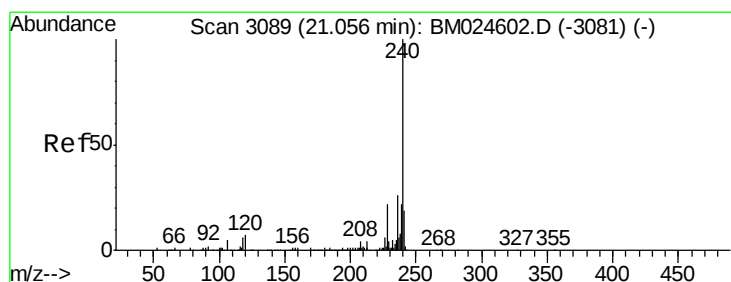
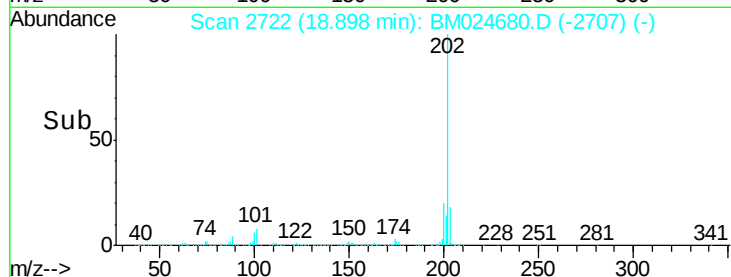
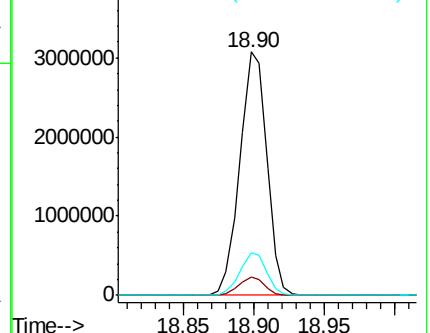
203 17.5 0.0 37.5



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: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

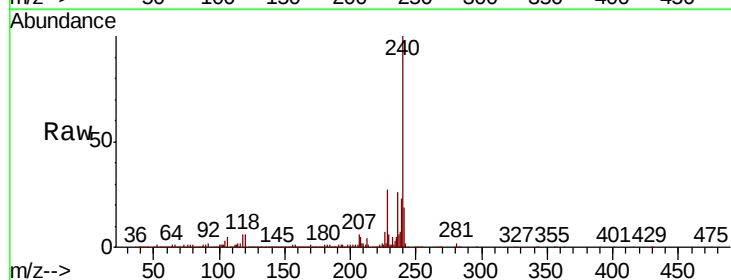
Tgt Ion:240 Resp: 1246895

Ion Ratio Lower Upper

240 100

120 6.3 5.3 7.9

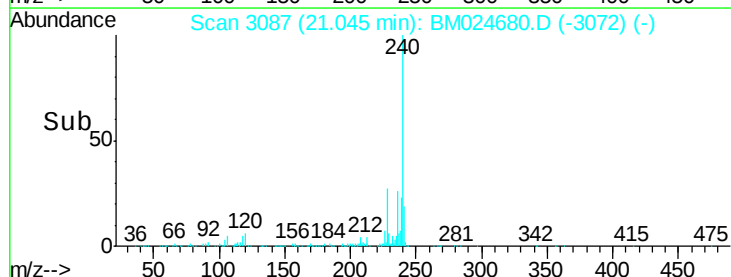
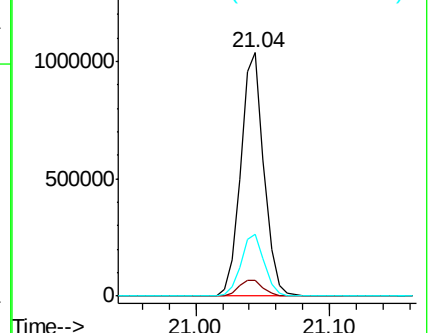
236 25.6 20.6 31.0

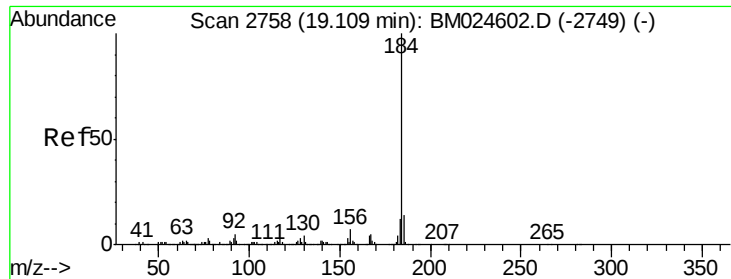


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.039 ng

RT: 19.10 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

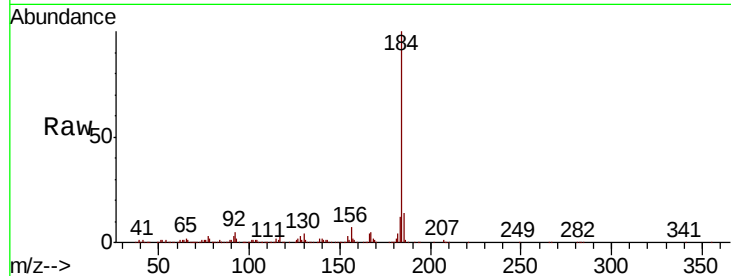
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 1191719

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 13.8  | 11.3  | 16.9  |
| 183 | 12.0  | 9.6   | 14.4  |

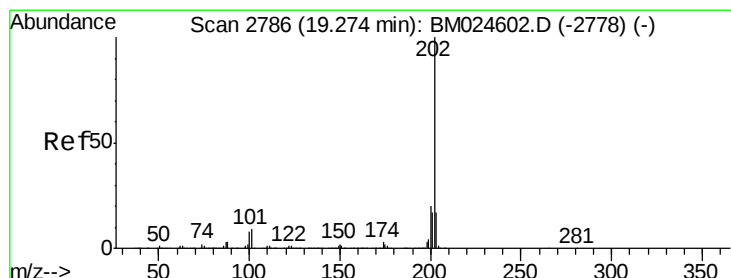
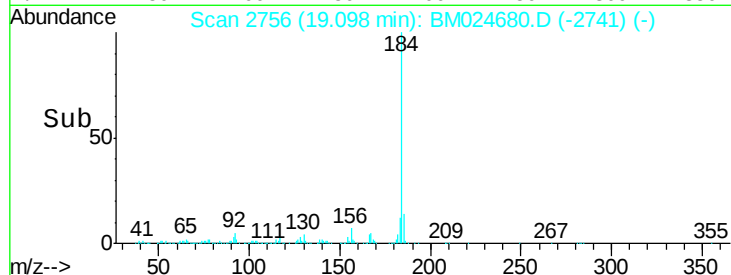
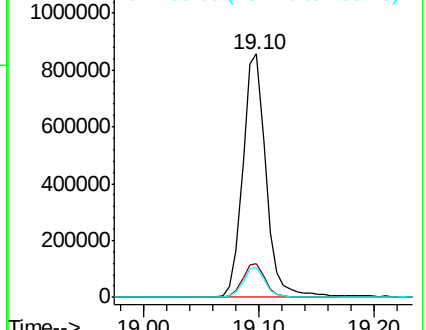


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 51.349 ng

RT: 19.26 min Scan# 2784

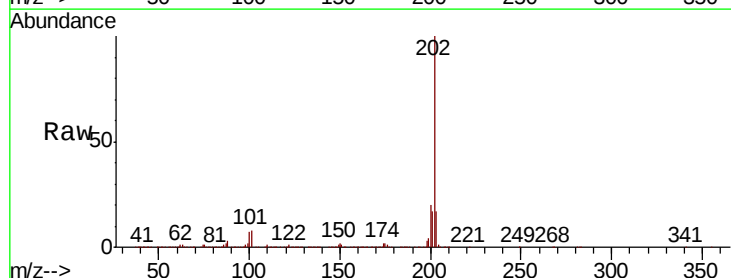
Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion:202 Resp: 4220894

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.3  | 16.2  | 24.2  |
| 203 | 17.5  | 14.0  | 21.0  |

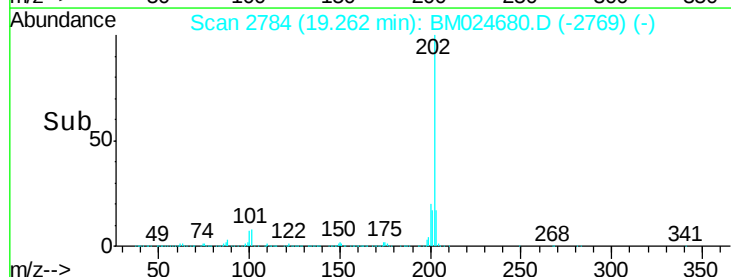
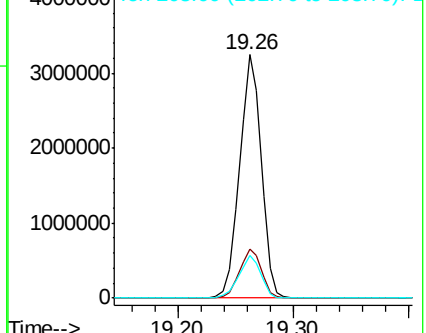


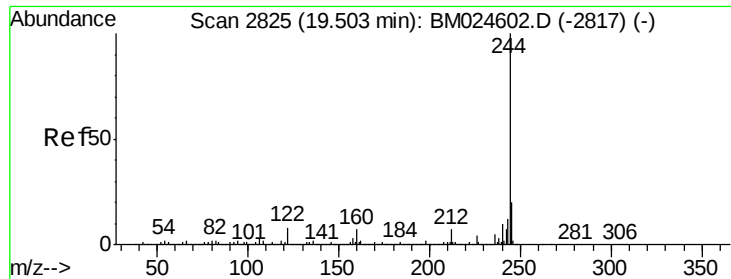
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.672 ng

RT: 19.49 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

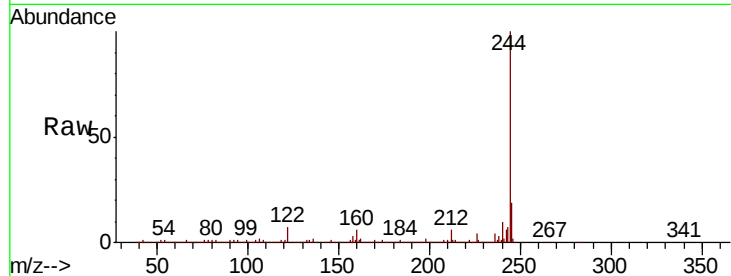
Tot Ion:244 Resp: 7124598

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

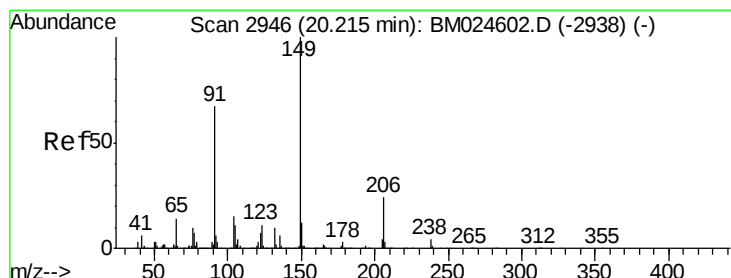
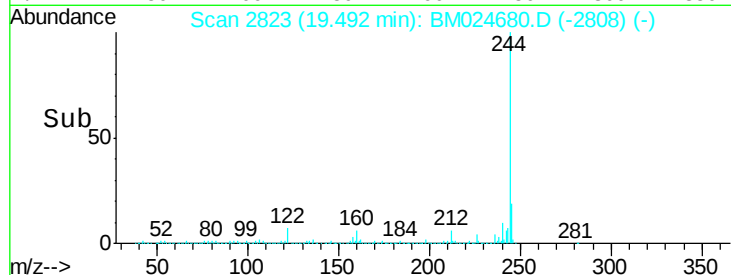
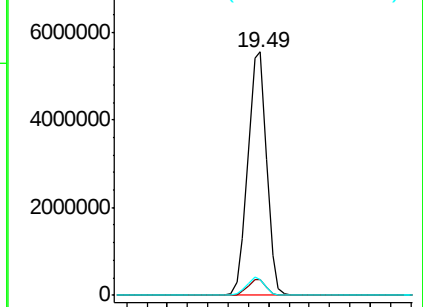
122 6.6 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.369 ng

RT: 20.20 min Scan# 2944

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

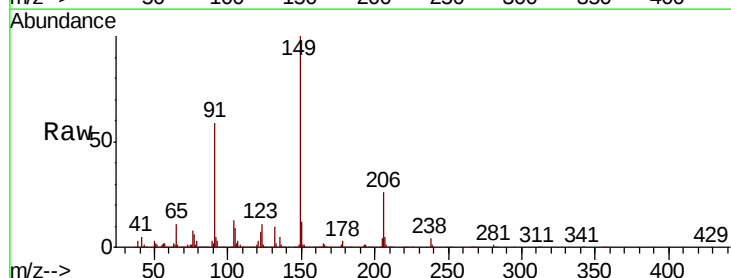
Tgt Ion:149 Resp: 1599352

Ion Ratio Lower Upper

149 100

91 59.3 53.9 80.9

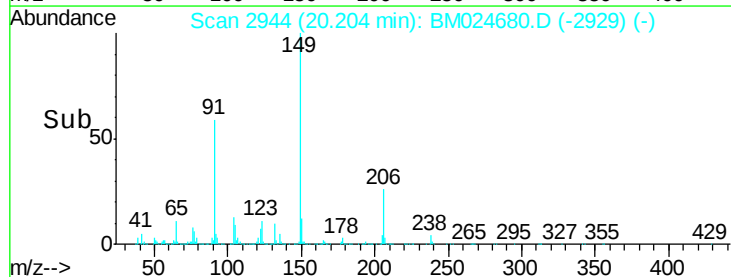
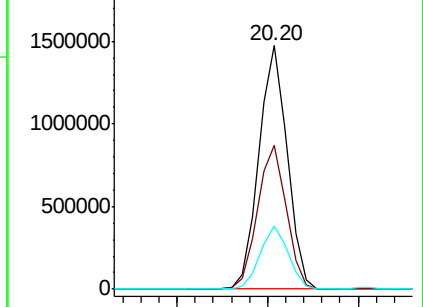
206 25.7 19.0 28.6

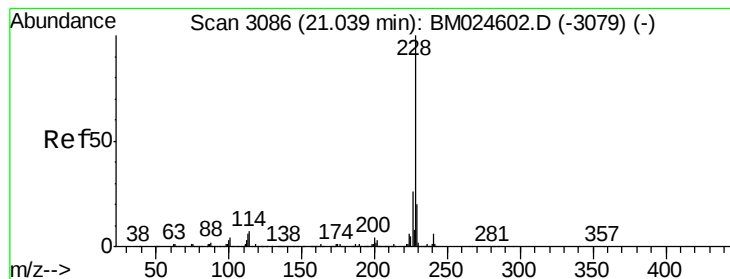


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 49.817 ng

RT: 21.03 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

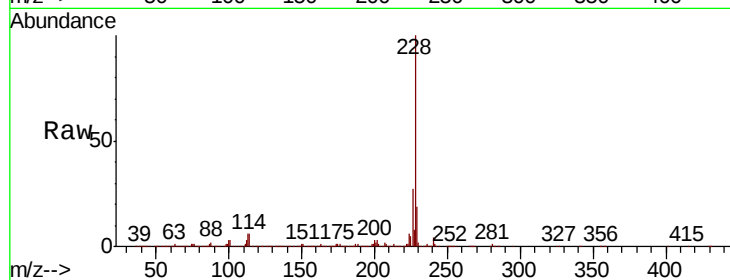
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 4311281

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 26.6  | 21.1  | 31.7  |
| 229 | 19.4  | 15.8  | 23.6  |

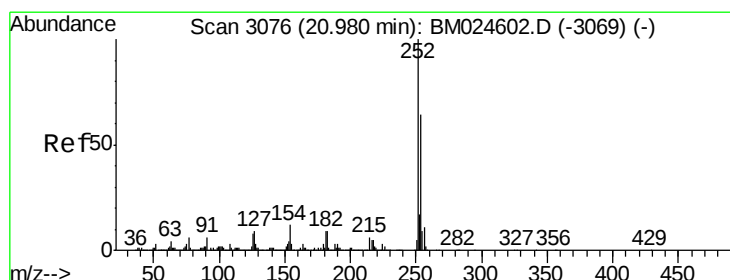
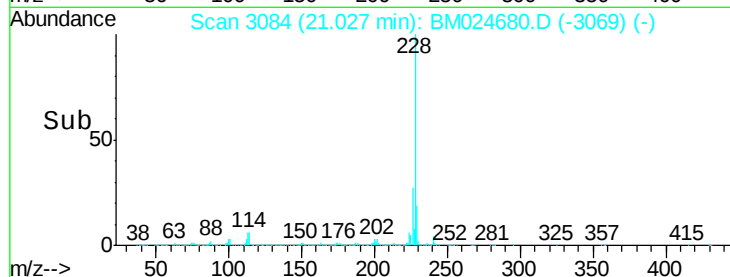
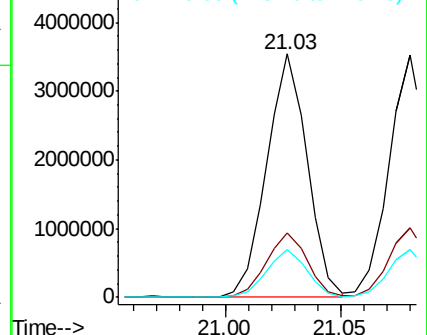


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.911 ng

RT: 20.97 min Scan# 3074

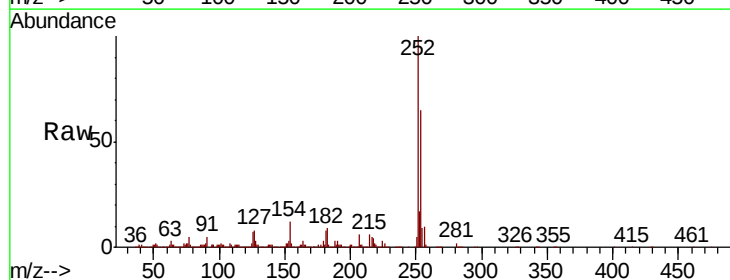
Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Tgt Ion:252 Resp: 1180209

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.9  | 51.5  | 77.3  |
| 126 | 7.4   | 6.7   | 10.1  |

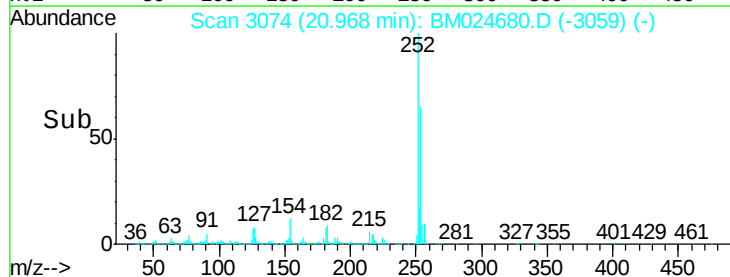
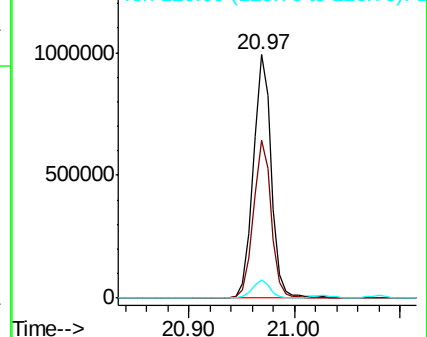


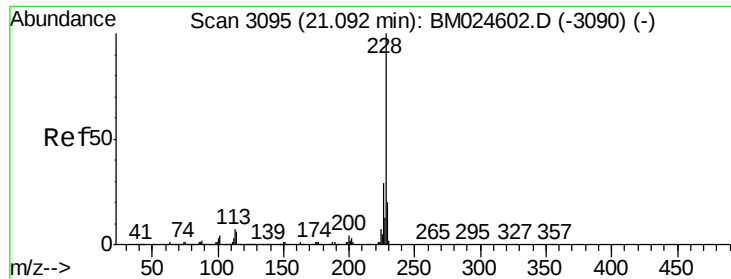
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 50.148 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

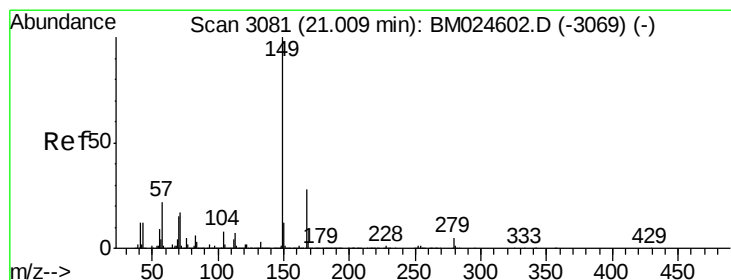
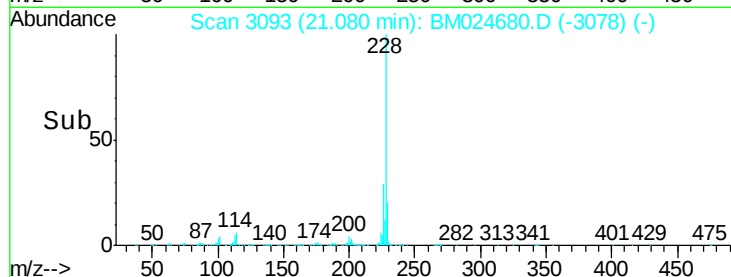
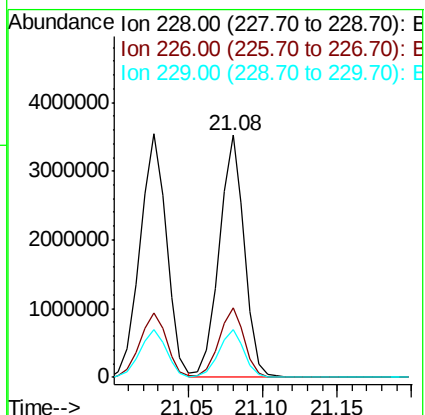
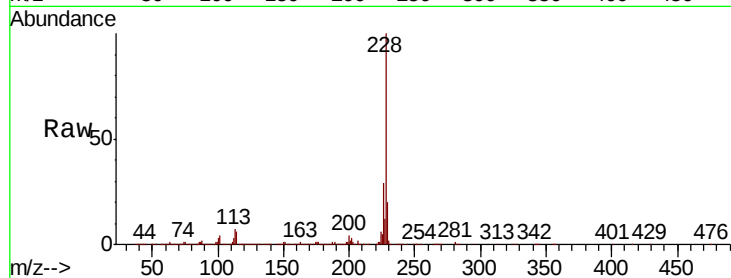
Tot Ion:228 Resp: 4141194

Ion Ratio Lower Upper

228 100

226 29.0 23.2 34.8

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.335 ng

RT: 21.00 min Scan# 3079

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

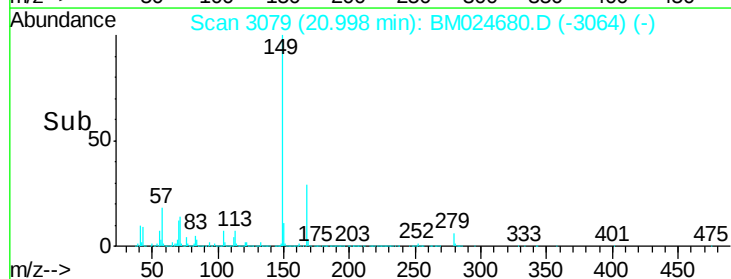
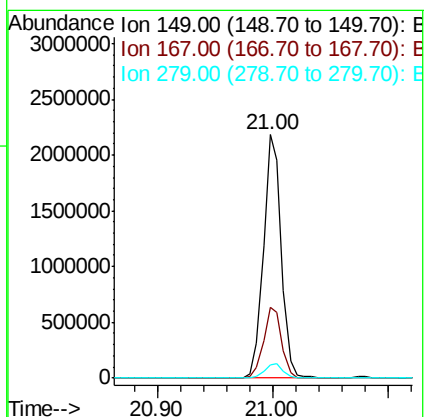
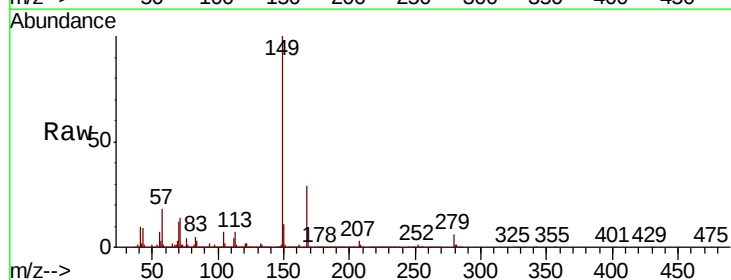
Tgt Ion:149 Resp: 2358148

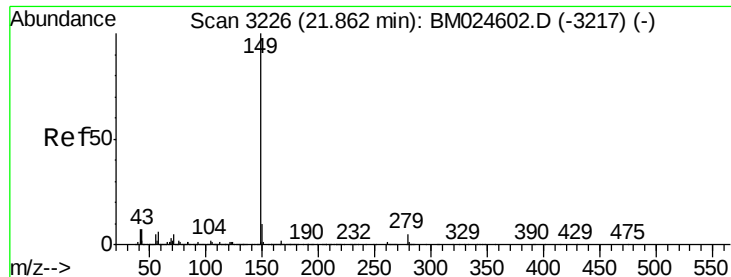
Ion Ratio Lower Upper

149 100

167 29.2 22.5 33.7

279 5.5 4.0 6.0





#85

Di-n-octyl phthalate

Concen: 48.092 ng

RT: 21.85 min Scan# 3224

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampled :

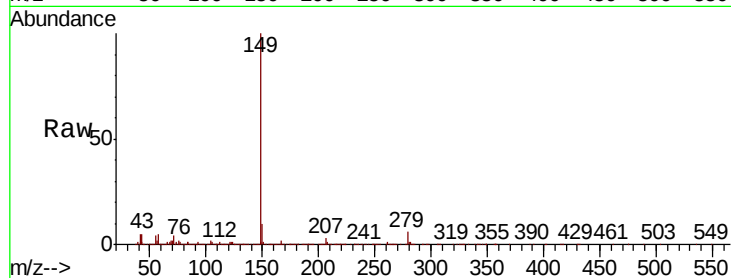
Tot Ion:149 Resp: 4043693

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

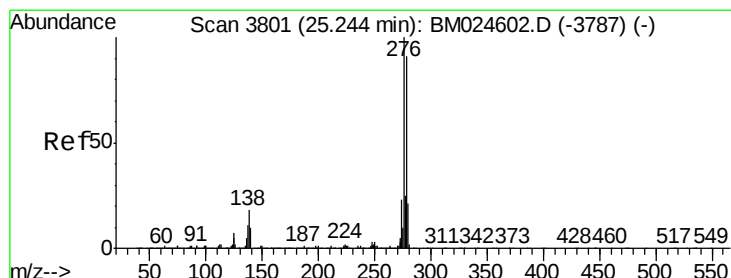
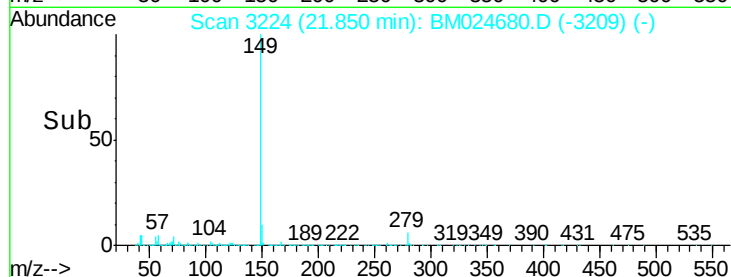
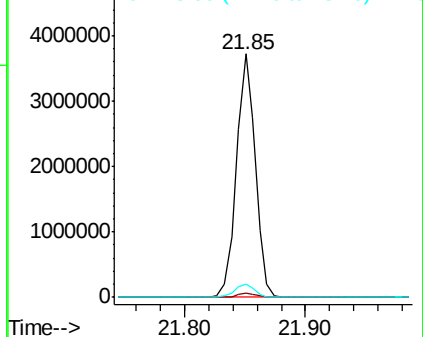
43 5.6 5.8 8.6#



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: 57.058 ng

RT: 25.22 min Scan# 3797

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

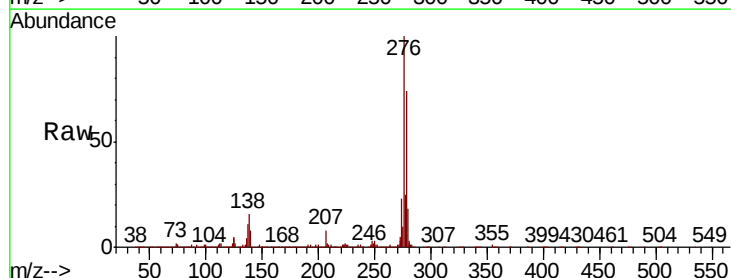
Tgt Ion:276 Resp: 5135549

Ion Ratio Lower Upper

276 100

138 15.8 13.4 20.0

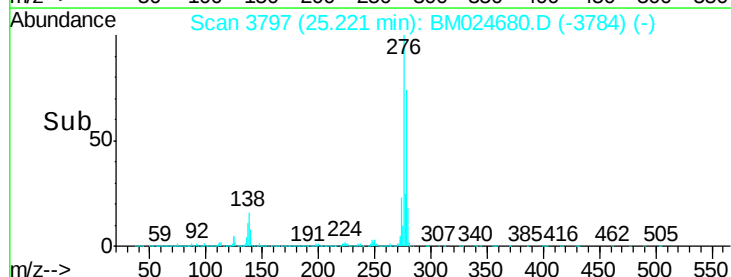
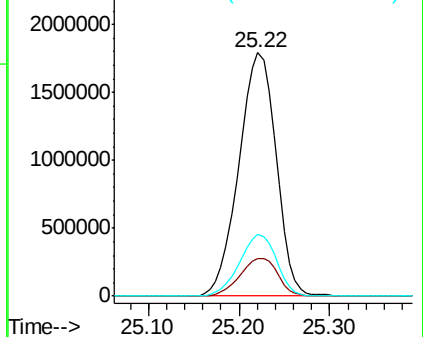
277 25.3 19.6 29.4

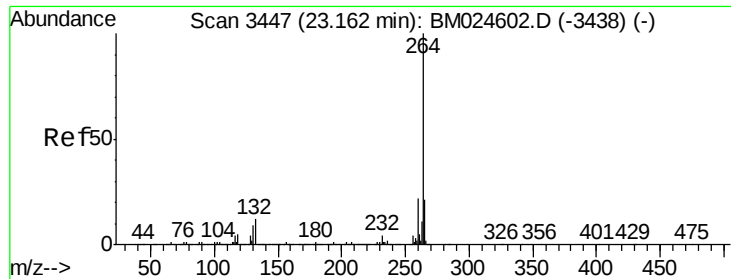


Abundance Ion 276.00 (275.70 to 276.70): E

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: 23.15 min Scan# 3445

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampleId :

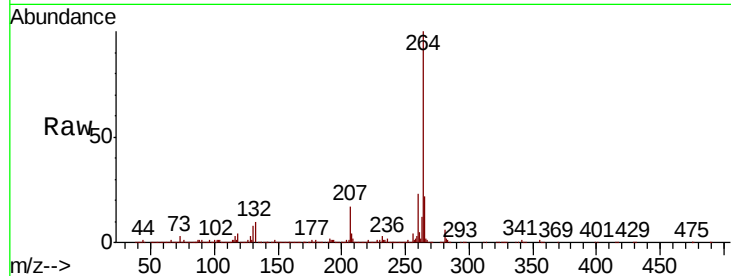
Tot Ion:264 Resp: 1397838

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

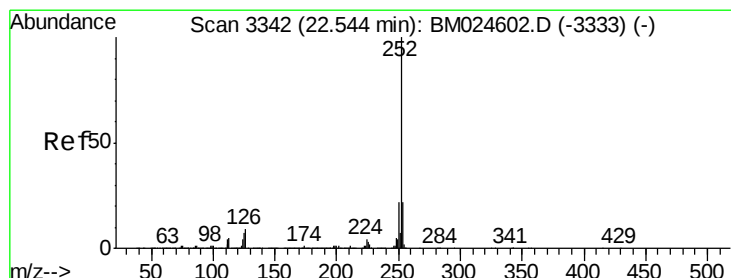
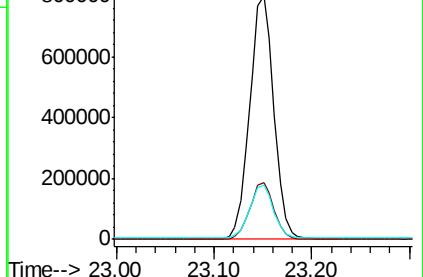
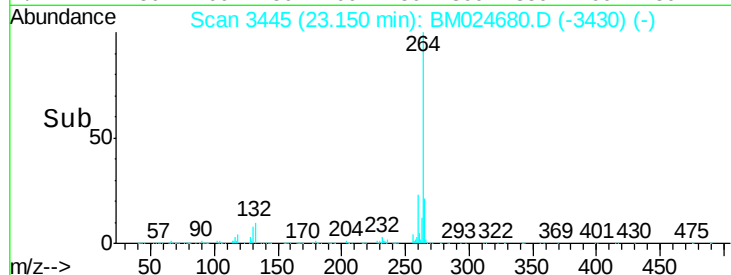
265 22.0 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.660 ng

RT: 22.53 min Scan# 3340

Delta R.T. -0.01 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

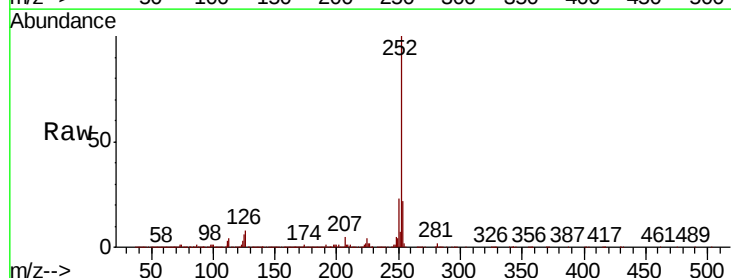
Tgt Ion:252 Resp: 4683535

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

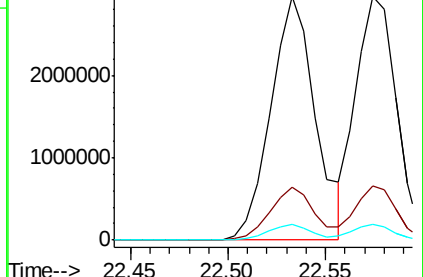
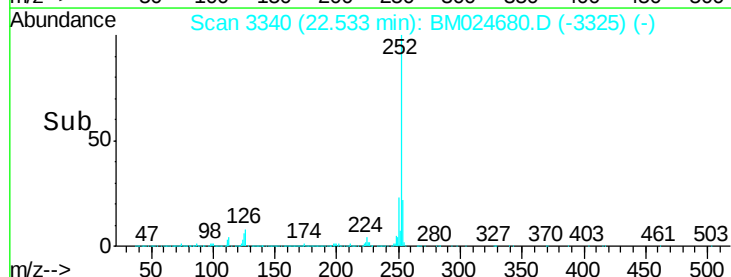
125 6.2 5.7 8.5

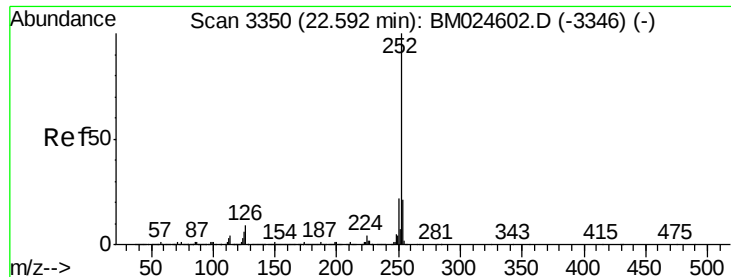


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

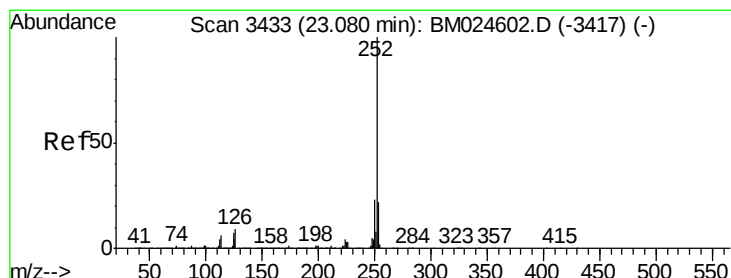
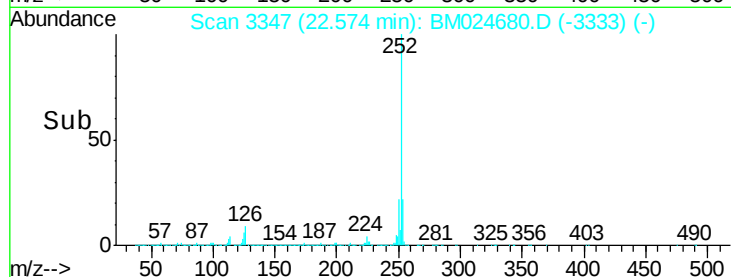
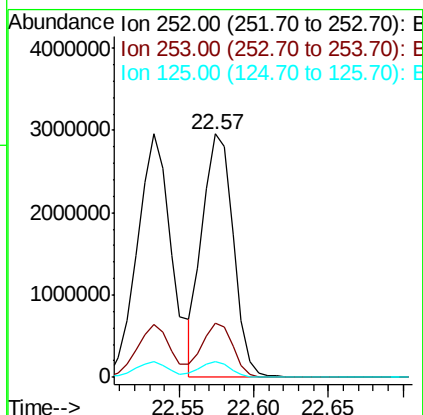
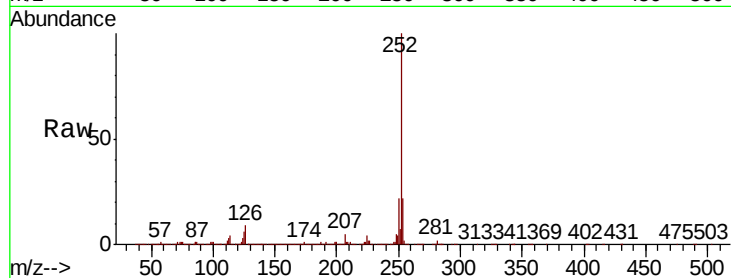




#89  
Benzo(k)fluoranthene  
Concen: 48.176 ng  
RT: 22.57 min Scan# 3347  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

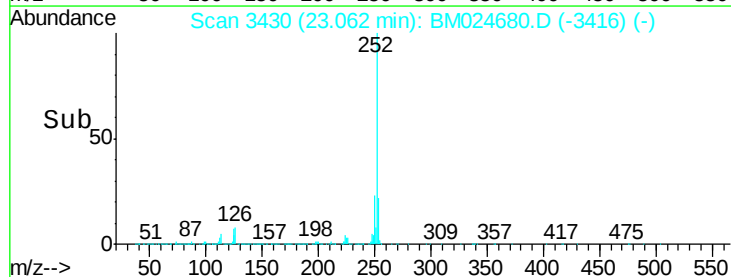
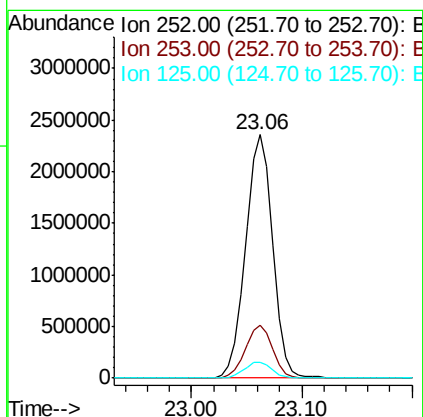
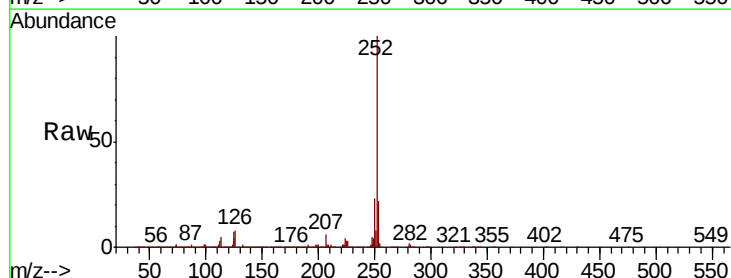
Instrument :  
BNA\_M  
ClientSampleId :

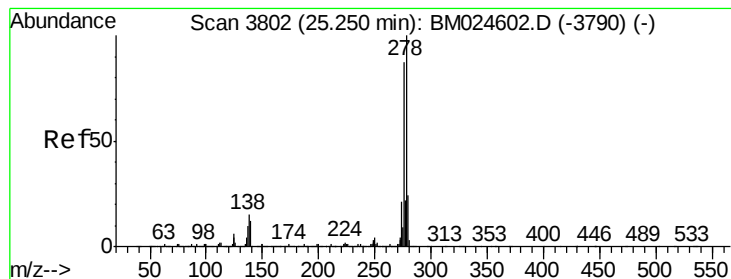
Tot Ion:252 Resp: 4263291  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.3 25.9  
125 6.4 5.2 7.8



#90  
Benzo(a)pyrene  
Concen: 49.243 ng  
RT: 23.06 min Scan# 3430  
Delta R.T. -0.02 min  
Lab File: BM024680.D  
Acq: 31 Jan 2020 17:59

Tgt Ion:252 Resp: 4058960  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.3 25.9  
125 6.6 5.8 8.8





#91

Dibenzo(a,h)anthracene

Concen: 55.654 ng

RT: 25.23 min Scan# 3799

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

Instrument :

BNA\_M

ClientSampled :

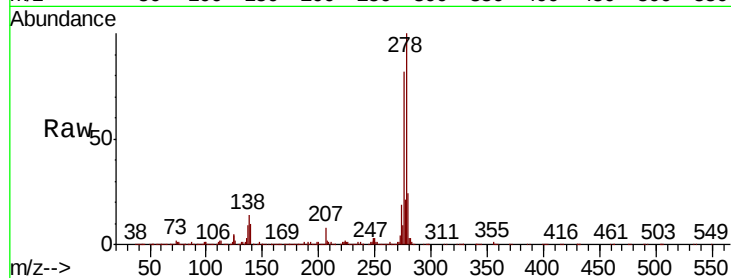
Tot Ion:278 Resp: 4353990

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.5  | 9.3   | 13.9  |
| 279 | 23.9  | 18.9  | 28.3  |

278 100

139 10.5 9.3 13.9

279 23.9 18.9 28.3

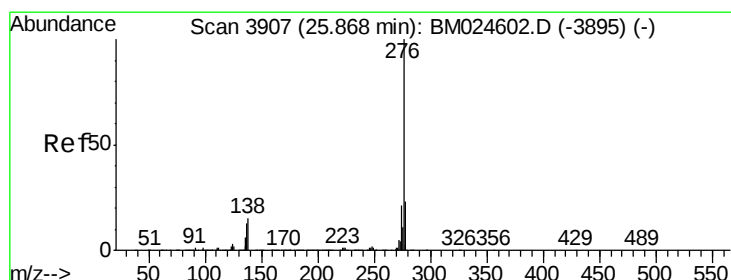
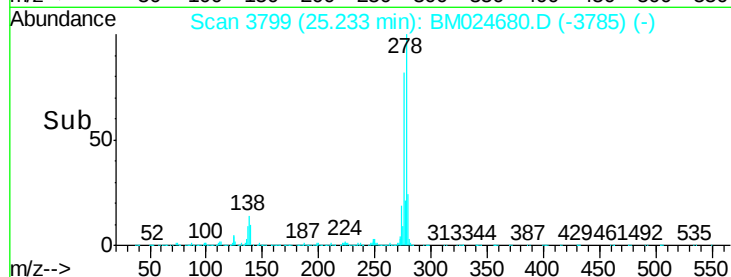
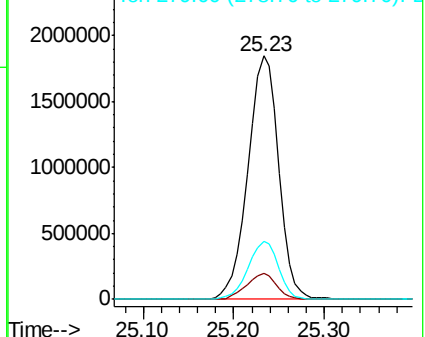


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 60.453 ng

RT: 25.85 min Scan# 3904

Delta R.T. -0.02 min

Lab File: BM024680.D

Acq: 31 Jan 2020 17:59

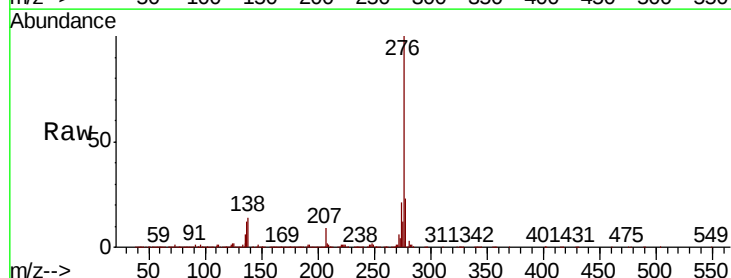
Tgt Ion:276 Resp: 4294469

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.2  | 18.6  | 28.0  |
| 138 | 13.5  | 11.9  | 17.9  |

276 100

277 23.2 18.6 28.0

138 13.5 11.9 17.9



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

