

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092519\  
 Data File : BM022781.D  
 Acq On : 25 Sep 2019 20:57  
 Operator : JU  
 Sample : K4980-04MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 26 06:02:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 16:34:01 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.82  | 152  | 242993   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.61 | 136  | 873983   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.46 | 164  | 478058   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.19 | 188  | 893833   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.37 | 240  | 926533   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.64 | 264  | 1099903  | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.40  | 112 | 1432319 | 93.48  | ng | 0.00 |
| 7) Phenol-d6             | 6.99  | 99  | 1875507 | 95.31  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.97  | 82  | 1067399 | 67.79  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.94 | 330 | 637215  | 106.78 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.08 | 172 | 2431246 | 70.03  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.82 | 244 | 3136726 | 65.55  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.31  | 88  | 166809  | 27.057 | ng | # 100  |
| 3) Pyridine                    | 3.72  | 79  | 400891  | 24.670 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.62  | 42  | 193475  | 32.705 | ng | # 99   |
| 6) Aniline                     | 7.15  | 93  | 608253  | 25.778 | ng | 100    |
| 8) 2-Chlorophenol              | 7.39  | 128 | 555166  | 35.564 | ng | 100    |
| 9) Benzaldehyde                | 6.96  | 77  | 352507  | 31.460 | ng | 100    |
| 10) Phenol                     | 7.02  | 94  | 660841  | 35.670 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.25  | 93  | 499009  | 34.283 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.71  | 146 | 606576  | 32.511 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146 | 624954  | 33.087 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.17  | 146 | 586469  | 32.568 | ng | 99     |
| 15) Benzyl Alcohol             | 8.06  | 79  | 428318  | 34.784 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.35  | 45  | 663857  | 31.397 | ng | 99     |
| 17) 2-Methylphenol             | 8.26  | 107 | 425897  | 34.731 | ng | 99     |
| 18) Hexachloroethane           | 8.90  | 117 | 220278  | 31.797 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.63  | 70  | 367562  | 33.448 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.59  | 107 | 563694  | 34.512 | ng | 99     |
| 22) Acetophenone               | 8.64  | 105 | 738486  | 34.231 | ng | 99     |
| 24) Nitrobenzene               | 9.02  | 77  | 542569  | 36.017 | ng | 98     |
| 25) Isophorone                 | 9.55  | 82  | 981594  | 37.917 | ng | 99     |
| 26) 2-Nitrophenol              | 9.73  | 139 | 275392  | 42.347 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.79  | 122 | 473227  | 43.467 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.02 | 93  | 646654  | 36.097 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.26 | 162 | 485093  | 39.410 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.47 | 180 | 543520  | 35.890 | ng | 99     |
| 31) Naphthalene                | 10.66 | 128 | 1633617 | 37.829 | ng | 100    |
| 32) Benzoic acid               | 9.90  | 122 | 226304  | 31.710 | ng | 95     |
| 33) 4-Chloroaniline            | 10.77 | 127 | 341822  | 18.231 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.96 | 225 | 332461  | 36.828 | ng | 99     |
| 35) Caprolactam                | 11.55 | 113 | 76658   | 21.007 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.89 | 107 | 454995  | 37.888 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.27 | 142 | 1154402 | 38.404 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.49 | 142 | 1071370 | 37.548 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216 | 583815  | 36.041 | ng | 100    |

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 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

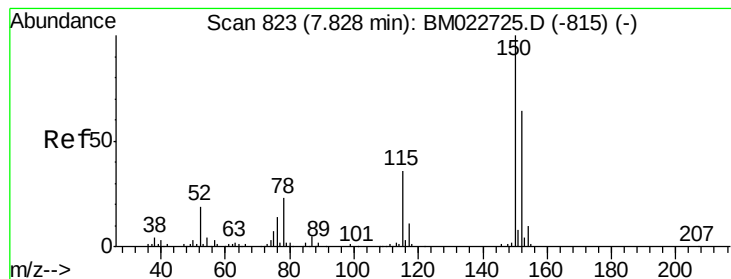
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 26 06:02:46 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM092019.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 20 16:34:01 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.63 | 237  | 402675   | 45.561 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.89 | 196  | 372045   | 39.794 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.96 | 196  | 388445   | 39.871 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.29 | 154  | 1396428  | 35.294 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.33 | 162  | 1071778  | 36.344 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.53 | 65   | 269135   | 35.048 | ng    | 99       |
| 49) Acenaphthylene             | 14.17 | 152  | 1800856  | 41.238 | ng    | 100      |
| 50) Dimethylphthalate          | 13.91 | 163  | 1534409  | 44.414 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.02 | 165  | 273820   | 37.891 | ng    | 99       |
| 52) Acenaphthene               | 14.52 | 154  | 990823   | 34.680 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.35 | 138  | 205080   | 24.651 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.56 | 184  | 153368   | 42.717 | ng    | 96       |
| 55) Dibenzofuran               | 14.85 | 168  | 1535624  | 36.817 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.66 | 139  | 481264   | 75.263 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 14.81 | 165  | 355592   | 37.560 | ng    | 99       |
| 58) Fluorene                   | 15.50 | 166  | 1262711  | 37.255 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.08 | 232  | 328662   | 38.681 | ng    | 97       |
| 60) Diethylphthalate           | 15.27 | 149  | 1246511  | 37.107 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204  | 635864   | 36.512 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.51 | 138  | 283795   | 32.537 | ng    | 98       |
| 63) Azobenzene                 | 15.79 | 77   | 1084622  | 35.754 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.57 | 198  | 115829   | 28.864 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.71 | 169  | 1072704  | 39.284 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.39 | 248  | 388011   | 39.029 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.51 | 284  | 421064   | 36.318 | ng    | 96       |
| 69) Atrazine                   | 16.66 | 200  | 320670   | 36.124 | ng    | 99       |
| 70) Pentachlorophenol          | 16.84 | 266  | 513427   | 83.039 | ng    | 99       |
| 71) Phenanthrene               | 17.23 | 178  | 2071048  | 41.064 | ng    | 100      |
| 72) Anthracene                 | 17.33 | 178  | 1958713  | 40.072 | ng    | 99       |
| 73) Carbazole                  | 17.59 | 167  | 1676614  | 36.861 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.16 | 149  | 2106781  | 40.849 | ng    | 100      |
| 75) Fluoranthene               | 19.25 | 202  | 2422730  | 42.569 | ng    | 98       |
| 77) Benzidine                  | 19.43 | 184  | 1248194  | 49.107 | ng    | 100      |
| 78) Pyrene                     | 19.61 | 202  | 2716572  | 44.739 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.51 | 149  | 934153   | 40.480 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.36 | 228  | 2512184  | 41.835 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 824394   | 38.712 | ng    | 100      |
| 83) Chrysene                   | 21.41 | 228  | 2414324  | 41.471 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.29 | 149  | 1438363  | 42.067 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.18 | 149  | 2474917  | 45.415 | ng    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.96 | 276  | 3012967  | 43.361 | ng    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.96 | 252  | 2706398  | 40.639 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.01 | 252  | 2409949  | 36.471 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.55 | 252  | 2596267  | 42.308 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.97 | 278  | 2412892  | 37.591 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 26.67 | 276  | 2529190  | 41.485 | ng    | 98       |

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



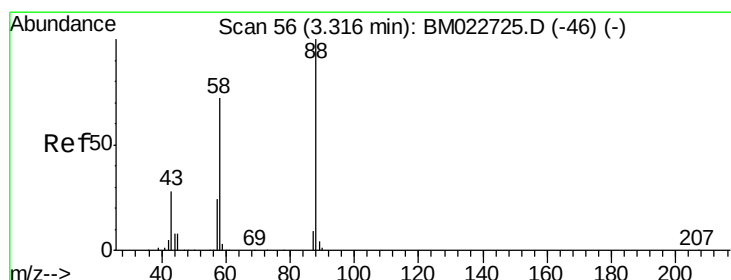
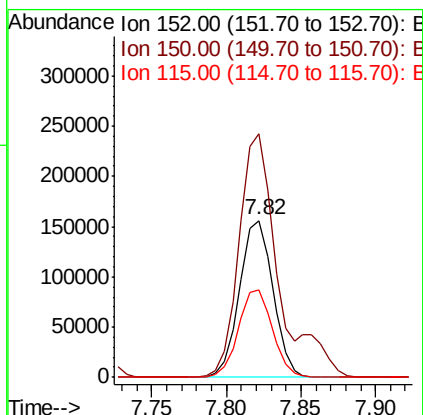
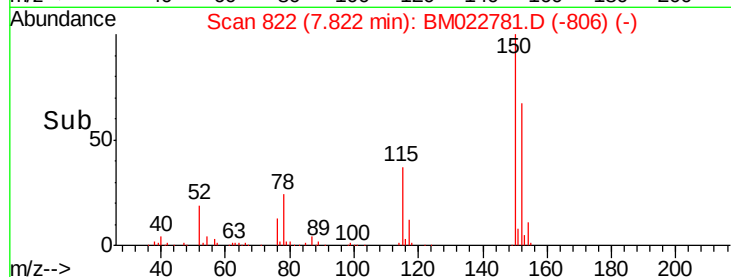
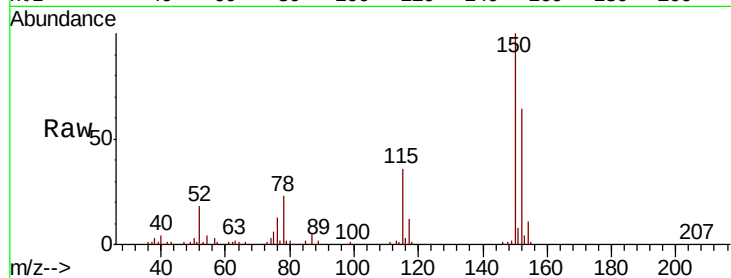


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.82 min Scan# 822  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampled :

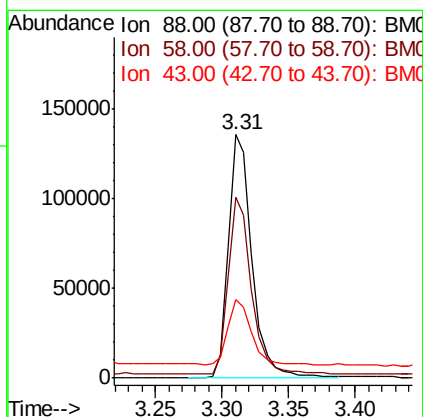
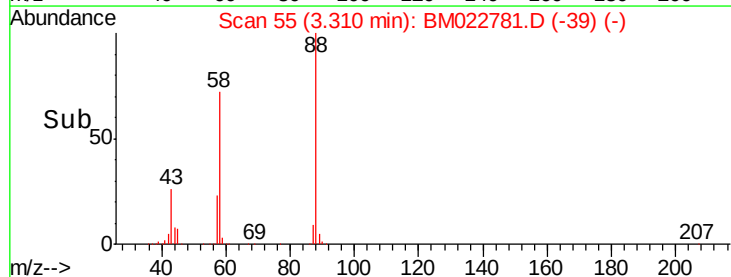
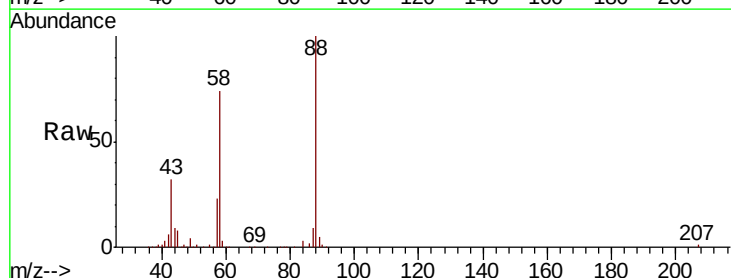
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Ion Ratio Lower Upper  
152 100  
150 155.5 124.5 186.7  
115 55.6 45.0 67.4

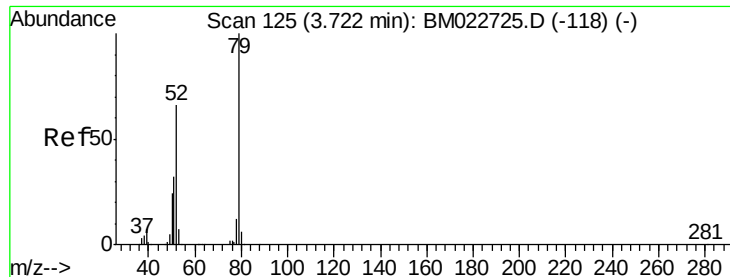


#2

1,4-Dioxane  
Concen: 27.057 ng  
RT: 3.31 min Scan# 55  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Tgt Ion: 88 Resp: 166809  
Ion Ratio Lower Upper  
88 100  
58 72.4 0.0 0.0#  
43 27.9 0.0 0.0#

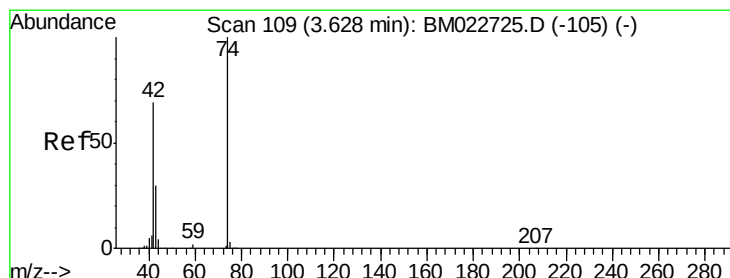
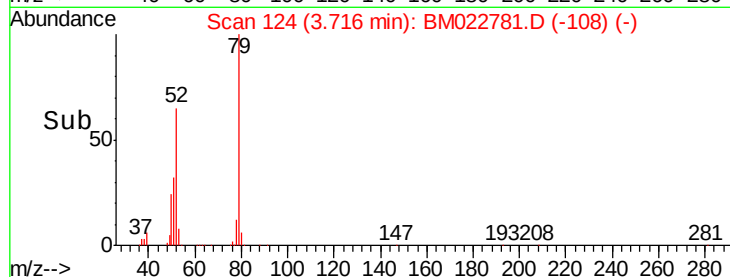
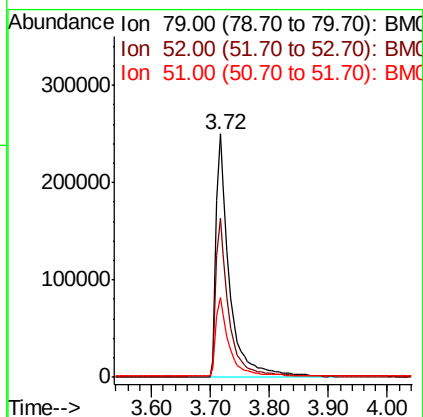
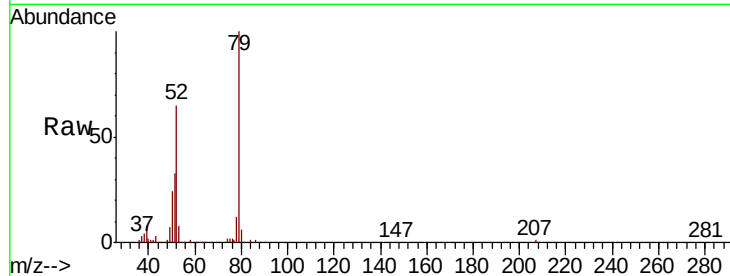




#3  
 Pvridine  
 Concen: 24.670 ng  
 RT: 3.72 min Scan# 124  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

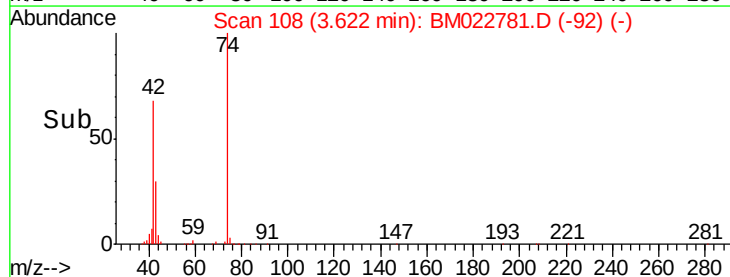
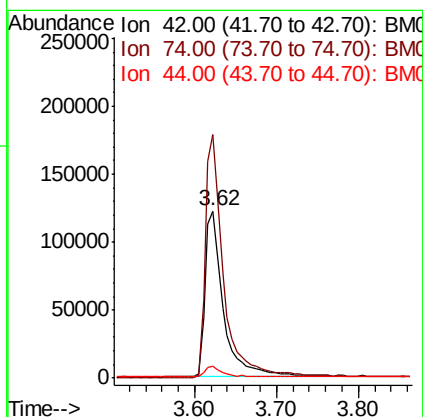
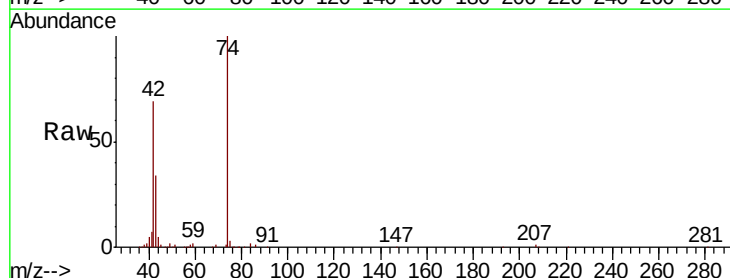
Instrument :  
 BNA\_M  
 ClientSampleId :

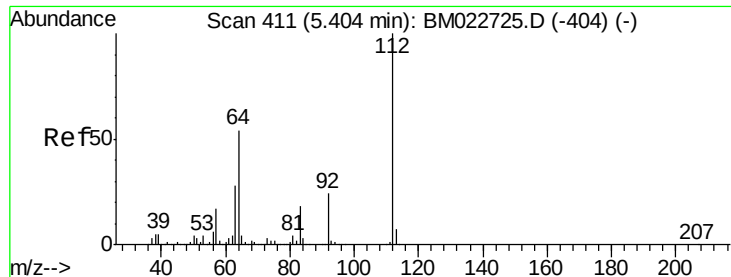
Tot Ion: 79 Resp: 400891  
 Ion Ratio Lower Upper  
 79 100  
 52 65.1 52.4 78.6  
 51 32.8 26.2 39.4



#4  
 n-Nitrosodimethylamine  
 Concen: 32.705 ng  
 RT: 3.62 min Scan# 108  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Tgt Ion: 42 Resp: 193475  
 Ion Ratio Lower Upper  
 42 100  
 74 145.9 116.6 175.0  
 44 7.3 8.2 12.4#





#5

2-Fluorophenol

Concen: 93.484 ng

RT: 5.40 min Scan# 411

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampled :

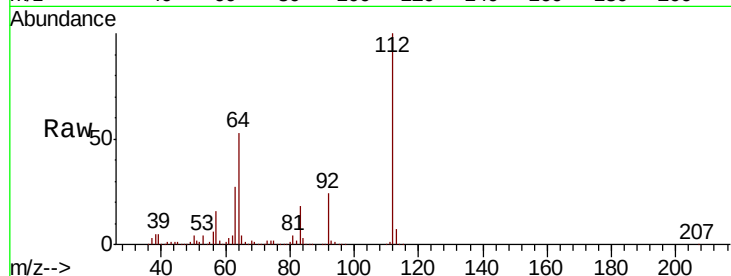
Tot Ion:112 Resp: 1432319

Ion Ratio Lower Upper

112 100

64 53.3 43.4 65.2

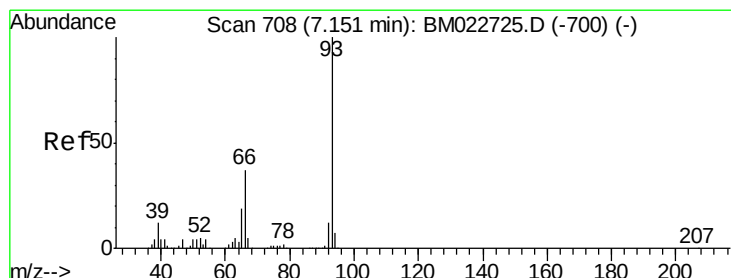
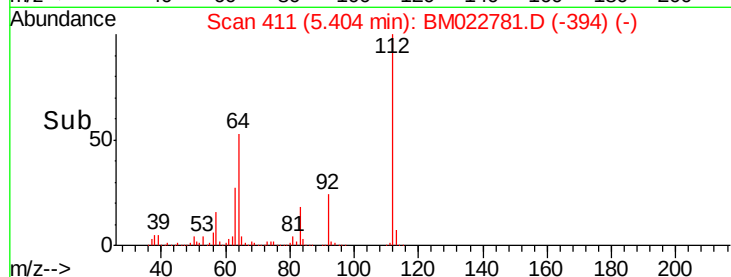
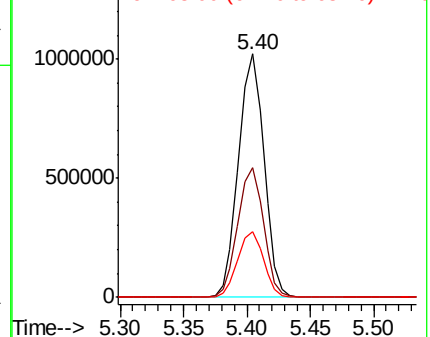
63 27.0 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 25.778 ng

RT: 7.15 min Scan# 708

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

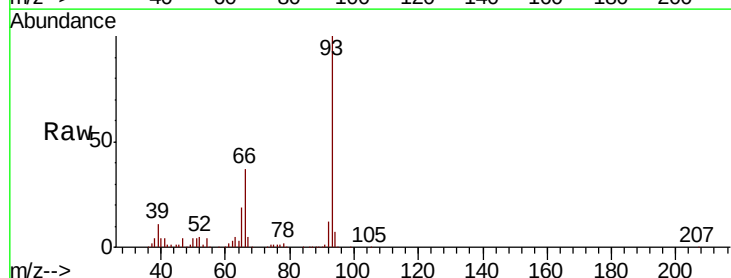
Tgt Ion: 93 Resp: 608253

Ion Ratio Lower Upper

93 100

66 36.7 29.3 43.9

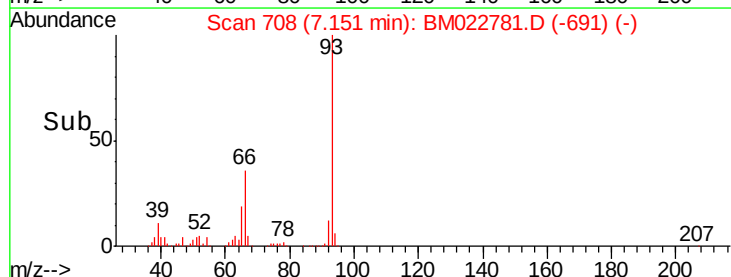
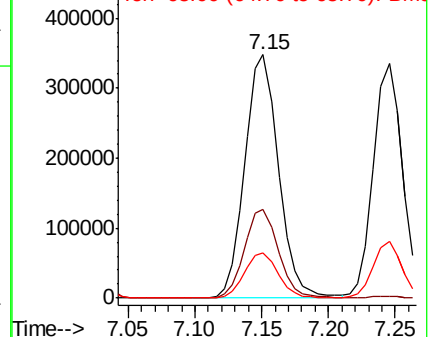
65 18.8 15.3 22.9

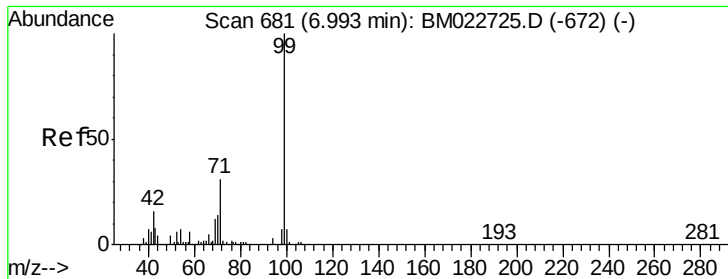


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 95.307 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

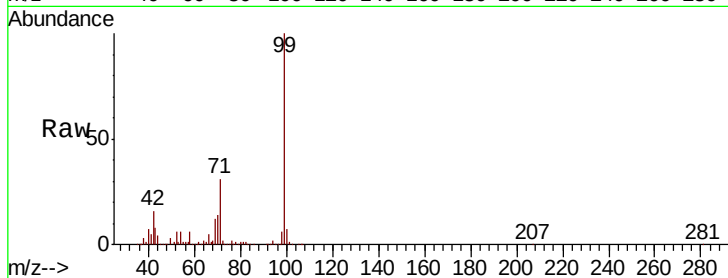
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 1875507

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.0  | 13.0  | 19.4  |
| 71  | 31.2  | 24.7  | 37.1  |

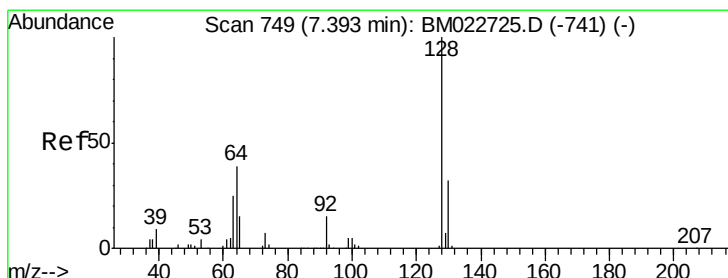
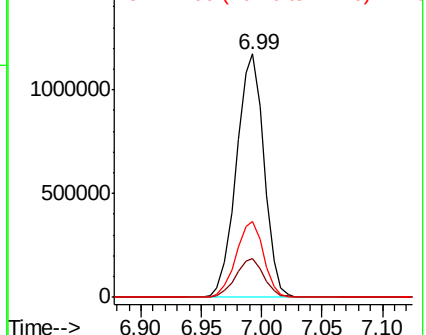
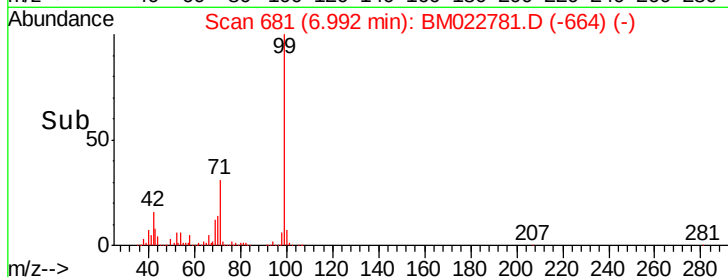


Abundance

Ion 99.00 (98.70 to 99.70): BM022781.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022781.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022781.D (-664) (-)



#8

2-Chlorophenol

Concen: 35.564 ng

RT: 7.39 min Scan# 748

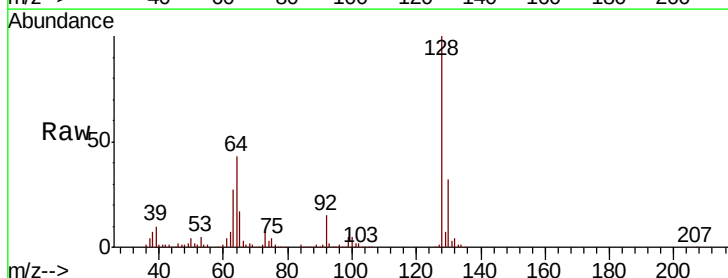
Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion: 128 Resp: 555166

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.2  | 12.1  | 52.1  |
| 64  | 42.5  | 22.9  | 62.9  |

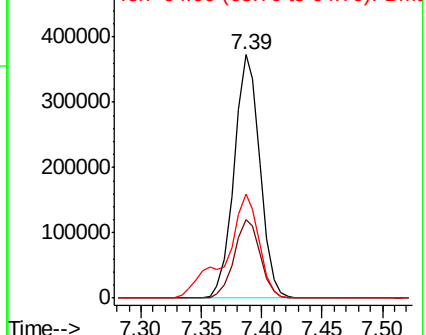
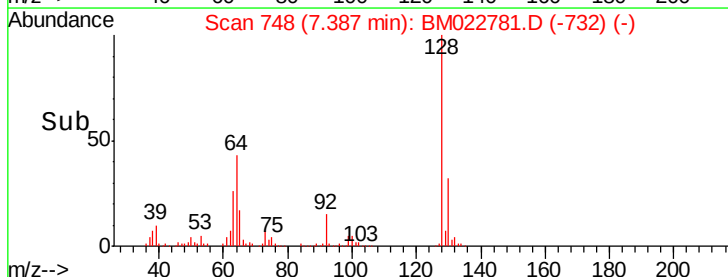


Abundance

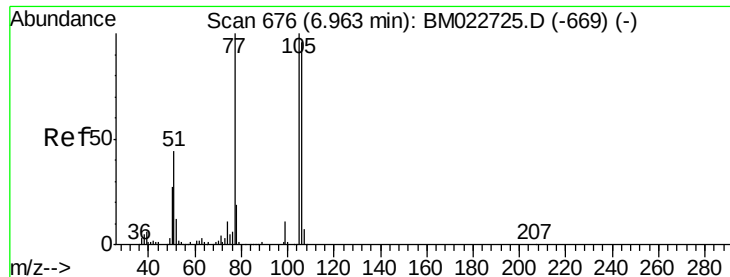
Ion 128.00 (127.70 to 128.70): BM022781.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022781.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022781.D (-732) (-)







#9

Benzaldehyde

Concen: 31.460 ng

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

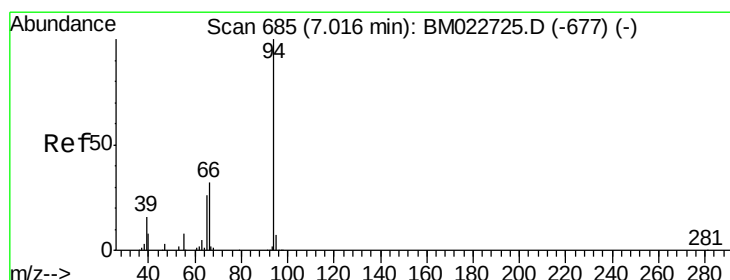
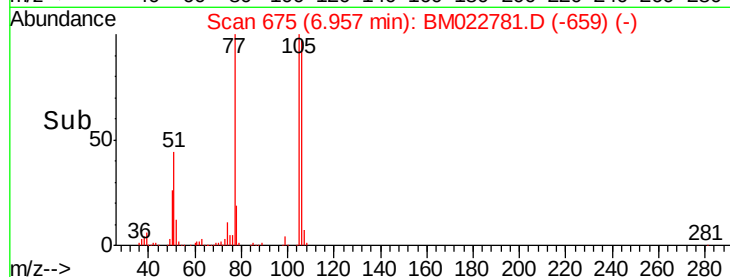
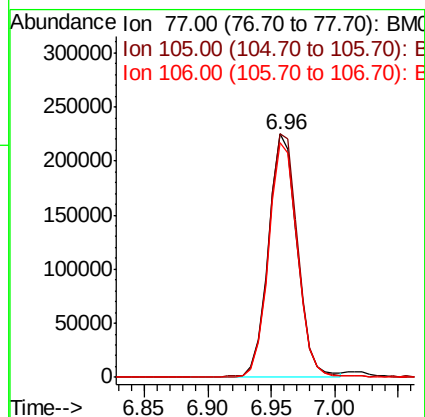
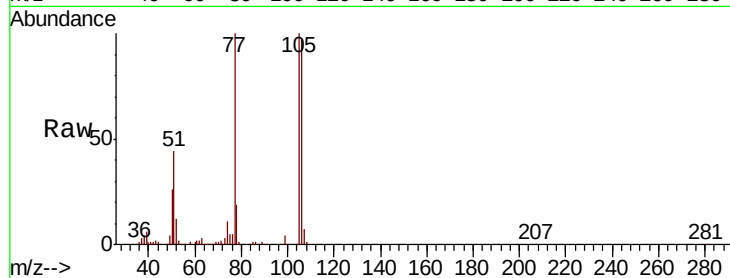
Tot Ion: 77 Resp: 352507

Ion Ratio Lower Upper

77 100

105 100.1 79.6 119.6

106 96.6 76.3 116.3



#10

Phenol

Concen: 35.670 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

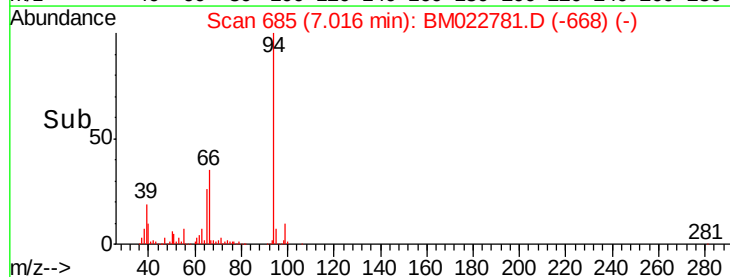
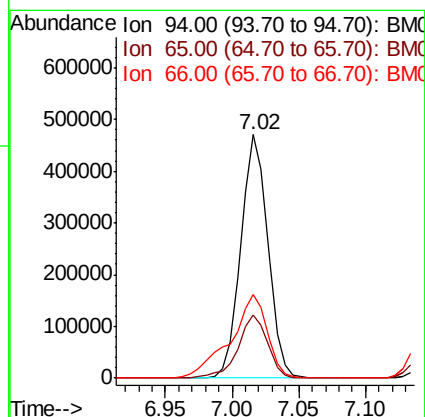
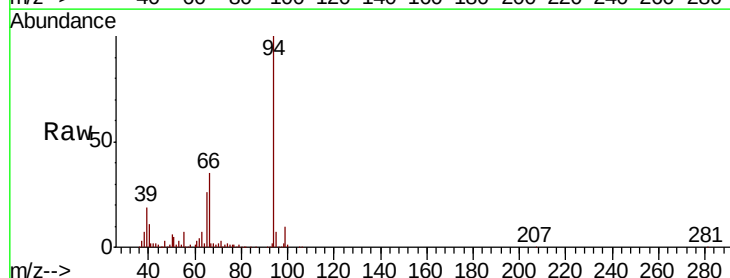
Tgt Ion: 94 Resp: 660841

Ion Ratio Lower Upper

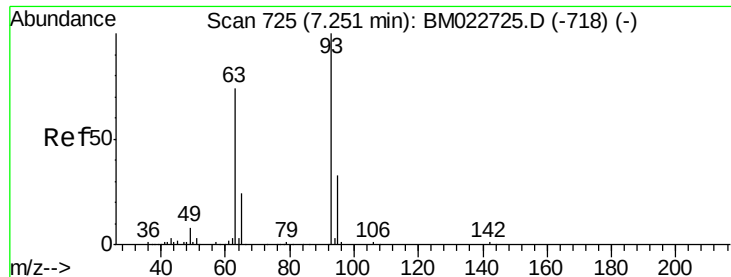
94 100

65 26.2 6.7 46.7

66 34.5 13.8 53.8



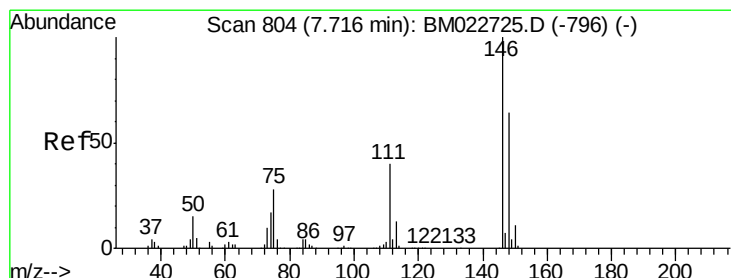
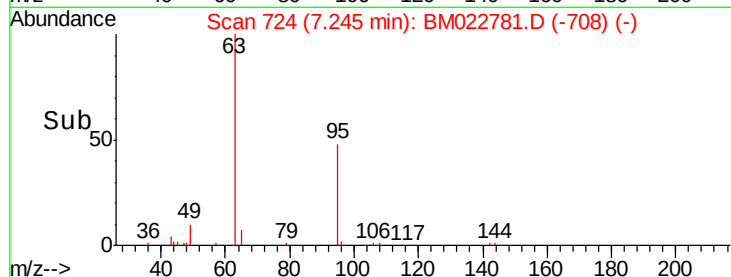
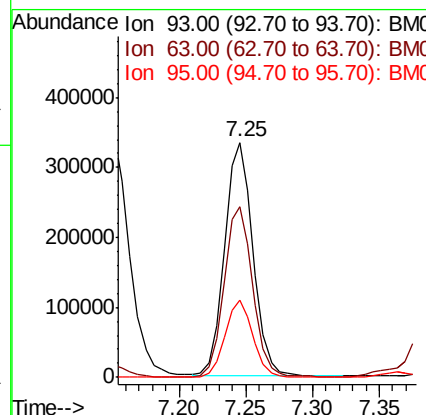
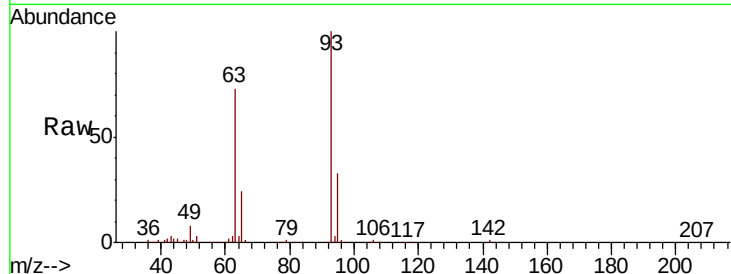




#11  
bis(2-Chloroethyl)ether  
Concen: 34.283 ng  
RT: 7.25 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

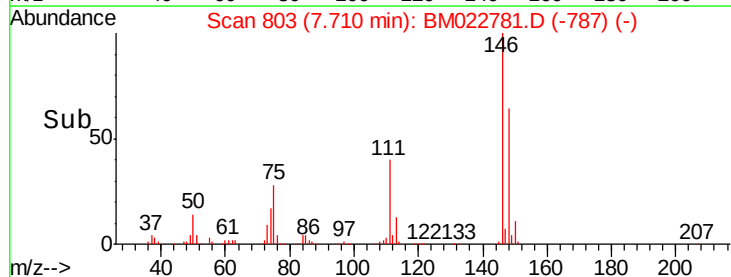
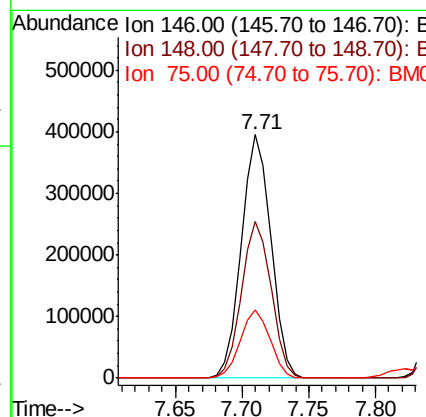
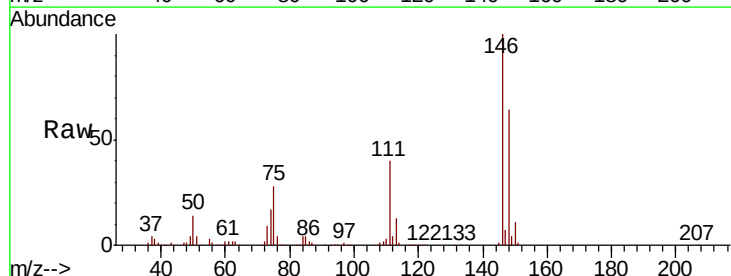
Instrument :  
BNA\_M  
ClientSampled :

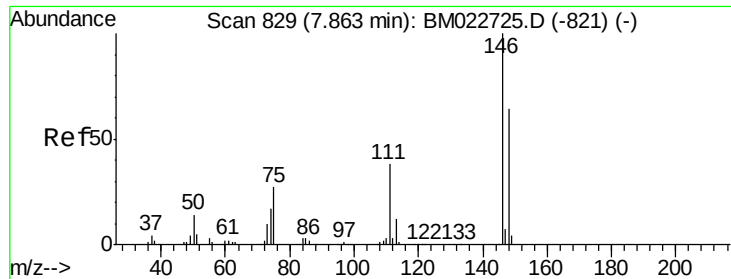
| Tot Ion | 93    | Resp  | 499009 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 72.7  | 53.8  | 93.8   |
| 95      | 32.7  | 12.7  | 52.7   |



#12  
1,3-Dichlorobenzene  
Concen: 32.511 ng  
RT: 7.71 min Scan# 803  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

| Tgt Ion | 146   | Resp  | 606576 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 64.5  | 51.3  | 76.9   |
| 75      | 28.1  | 22.5  | 33.7   |

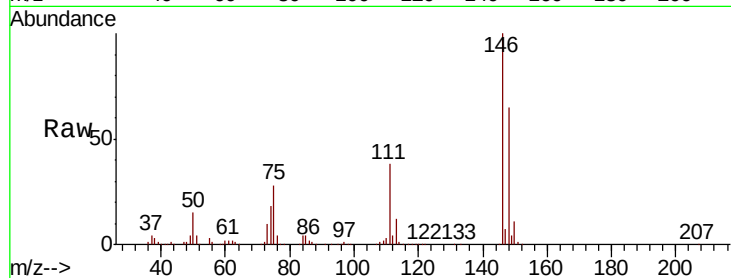




#13  
 1,4-Dichlorobenzene  
 Concen: 33.087 ng  
 RT: 7.86 min Scan# 828  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.4  | 77.0  |
| 111     | 38.4  | 30.9  | 46.3  |

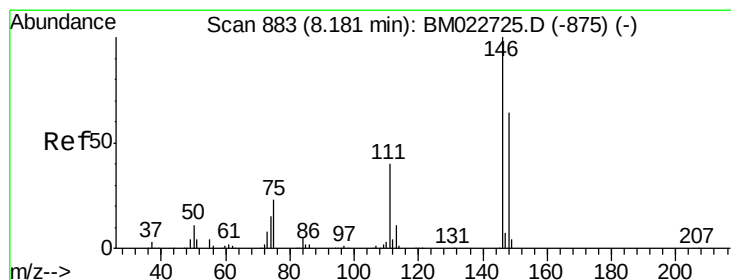
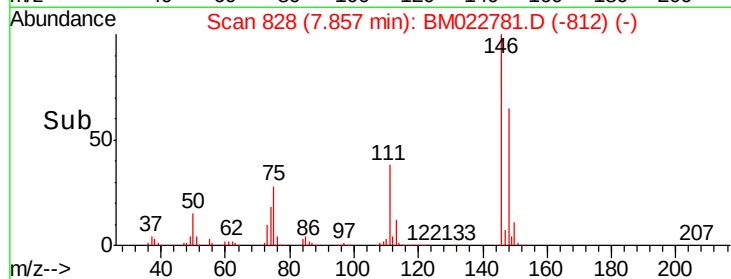
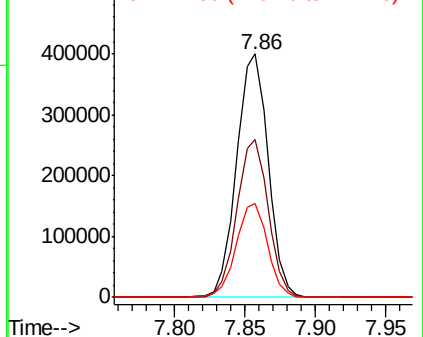


Abundance

Ion 146.00 (145.70 to 146.70): E

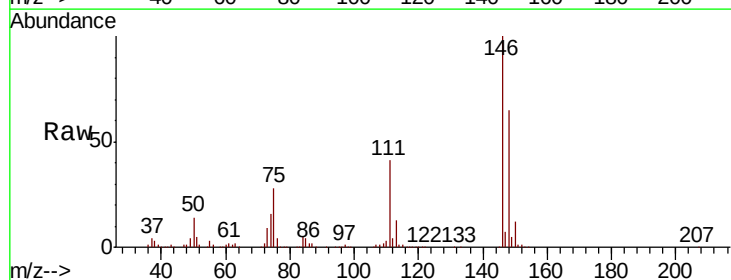
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 32.568 ng  
 RT: 8.17 min Scan# 882  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 51.3  | 76.9  |
| 111     | 40.9  | 32.3  | 48.5  |

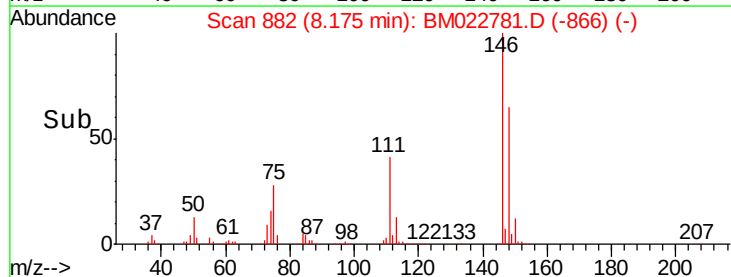
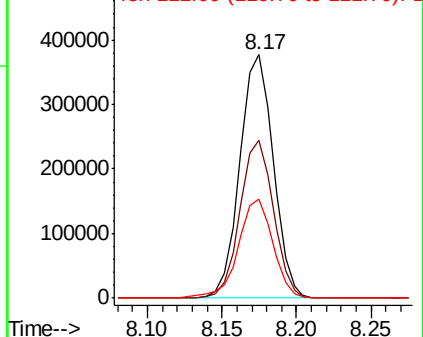


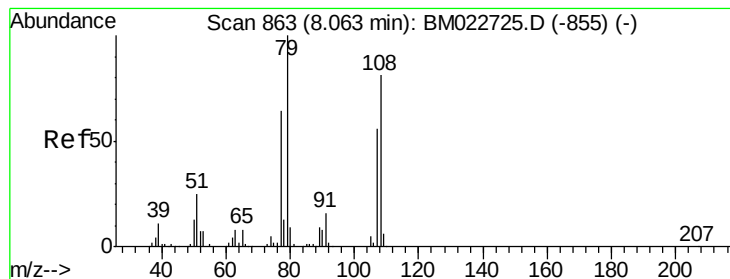
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.784 ng

RT: 8.06 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

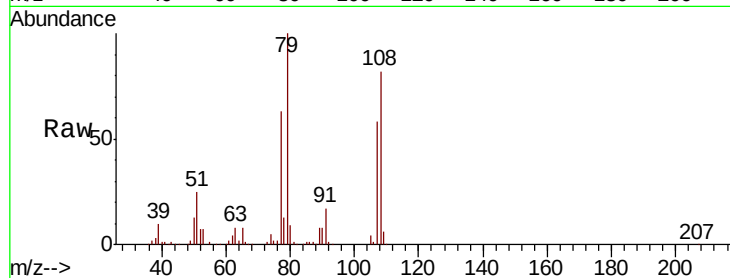
Tot Ion: 79 Resp: 428318

Ion Ratio Lower Upper

79 100

108 81.6 64.9 97.3

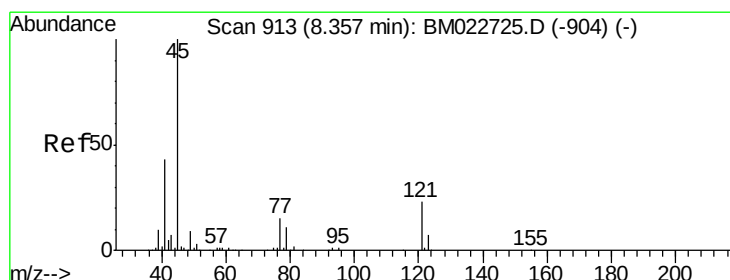
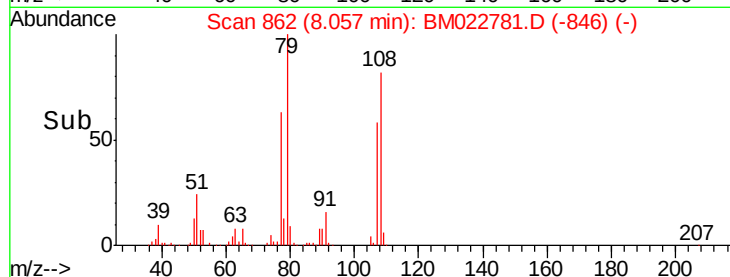
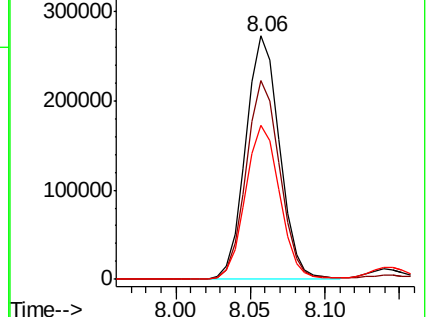
77 63.4 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BM022725.D (-855) (-)

Ion 108.00 (107.70 to 108.70): BM022725.D (-855) (-)

Ion 77.00 (76.70 to 77.70): BM022725.D (-855) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.397 ng

RT: 8.35 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

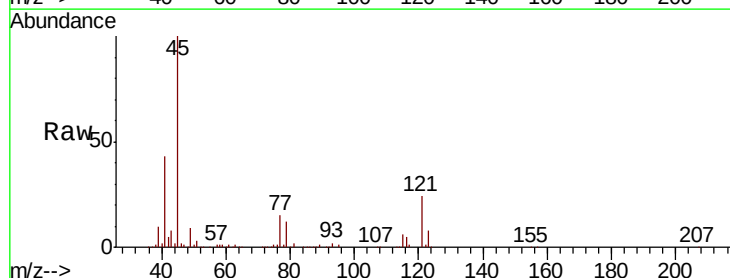
Tgt Ion: 45 Resp: 663857

Ion Ratio Lower Upper

45 100

77 14.7 0.0 35.1

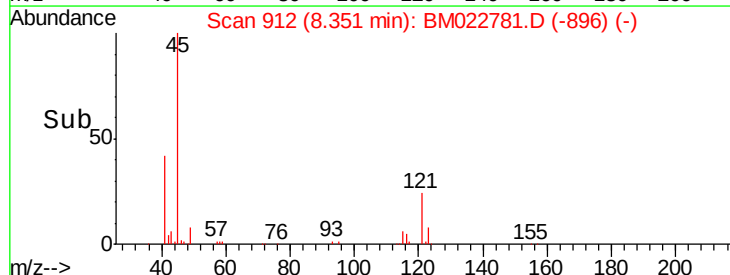
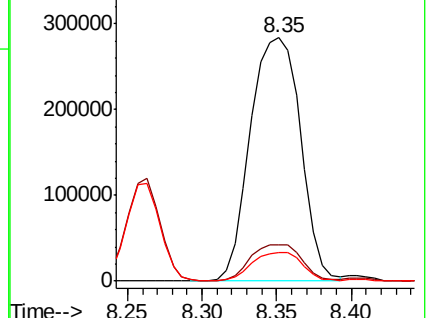
79 11.8 0.0 31.4

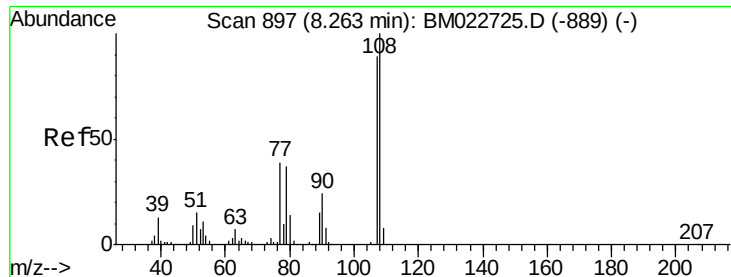


Abundance Ion 45.00 (44.70 to 45.70): BM022725.D (-904) (-)

Ion 77.00 (76.70 to 77.70): BM022725.D (-904) (-)

Ion 79.00 (78.70 to 79.70): BM022725.D (-904) (-)

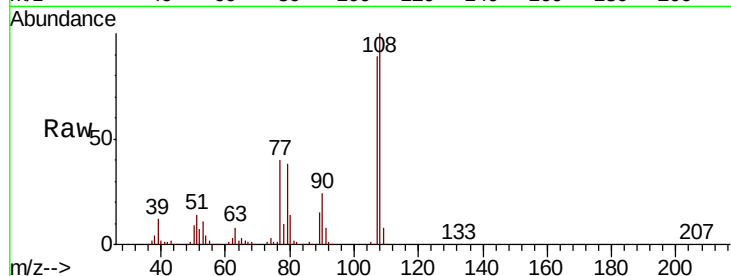




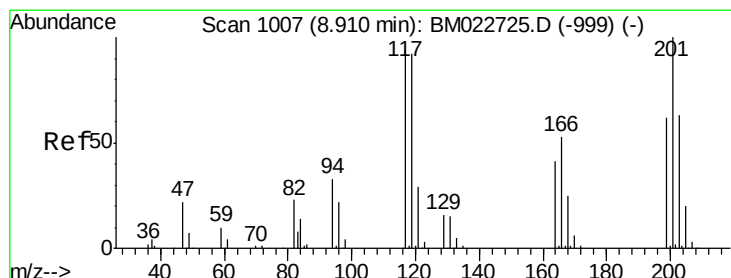
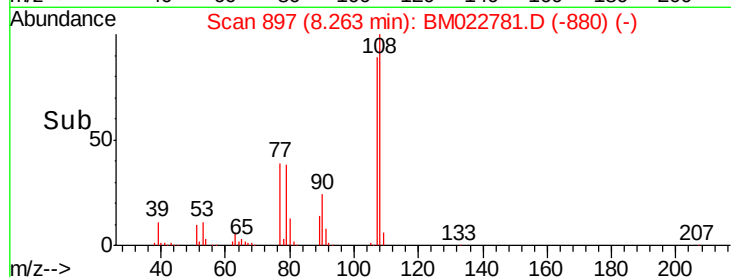
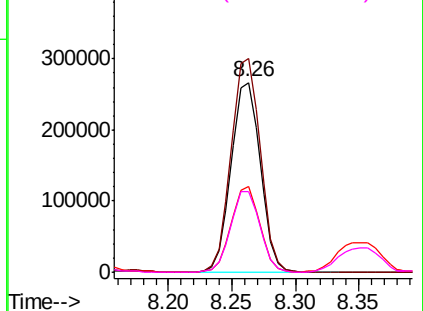
#17  
2-Methylphenol  
Concen: 34.731 ng  
RT: 8.26 min Scan# 897  
Delta R.T. -0.00 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 425897 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 112.5 | 90.0  | 135.0  |
| 77       | 45.0  | 35.2  | 52.8   |
| 79       | 42.8  | 33.4  | 50.2   |

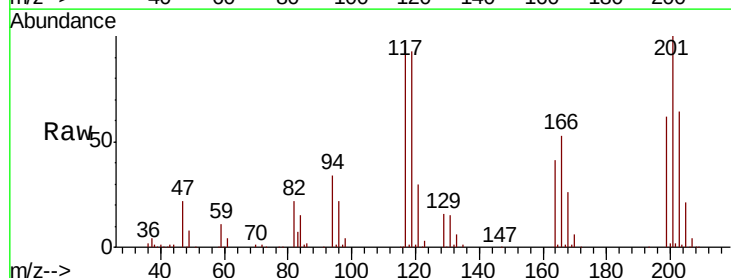


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

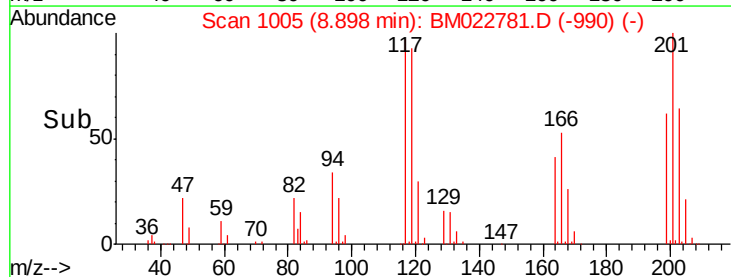
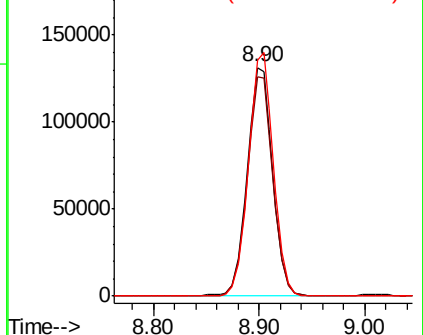


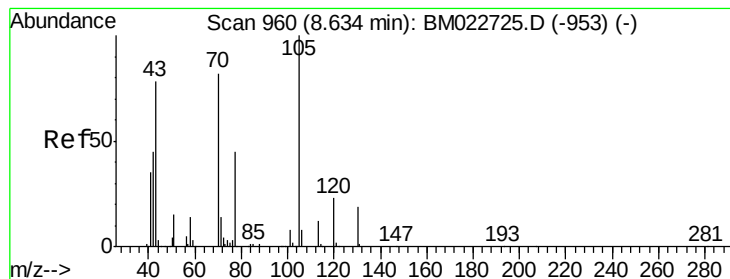
#18  
Hexachloroethane  
Concen: 31.797 ng  
RT: 8.90 min Scan# 1005  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 220278 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.7  | 78.0  | 117.0  |
| 201      | 103.1 | 85.0  | 127.6  |



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: 33.448 ng

RT: 8.63 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 367562

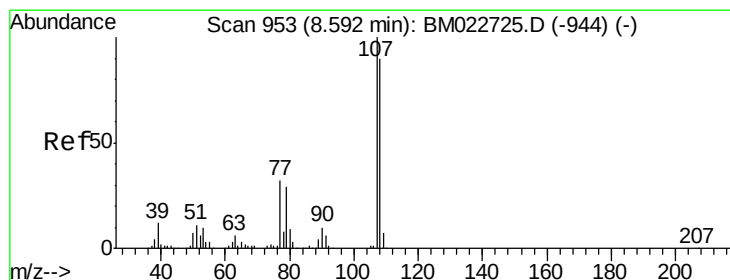
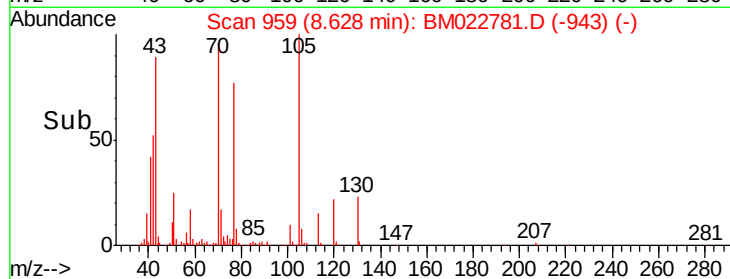
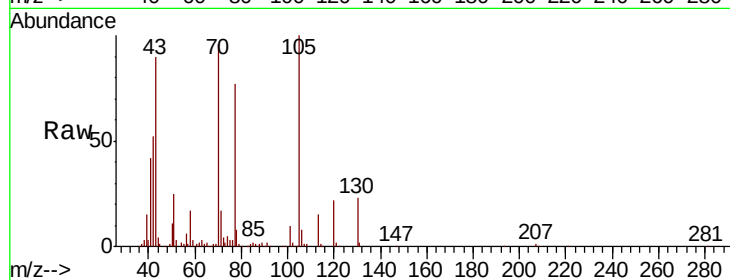
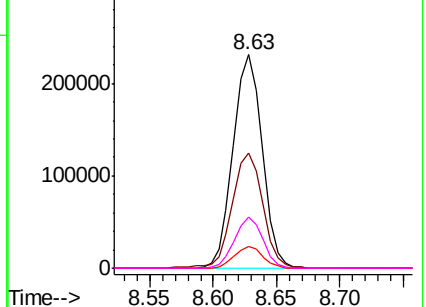
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 54.2  | 44.4  | 66.6  |
| 101 | 10.3  | 7.8   | 11.6  |
| 130 | 23.8  | 18.2  | 27.4  |

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: 34.512 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion: 107 Resp: 563694

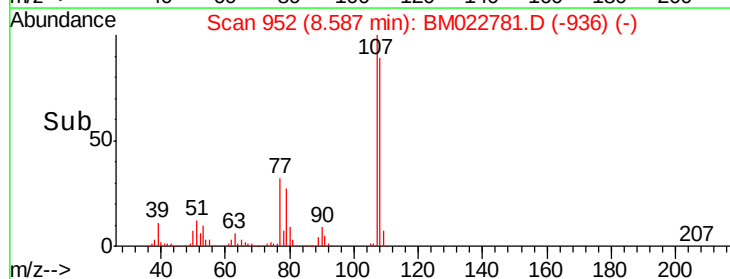
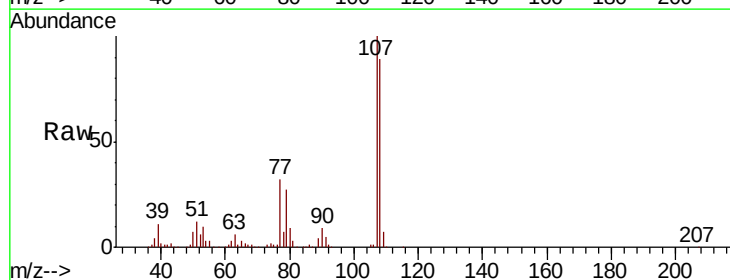
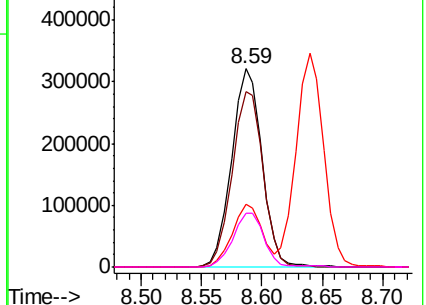
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 107 | 100   |       |       |
| 108 | 89.0  | 70.1  | 110.1 |
| 77  | 31.7  | 12.1  | 52.1  |
| 79  | 27.0  | 8.5   | 48.5  |

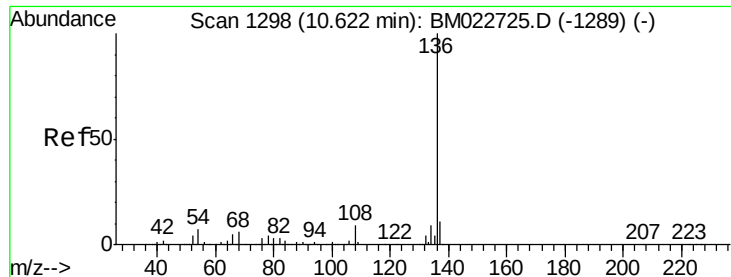
Abundance Ion 107.00 (106.70 to 107.70): E

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

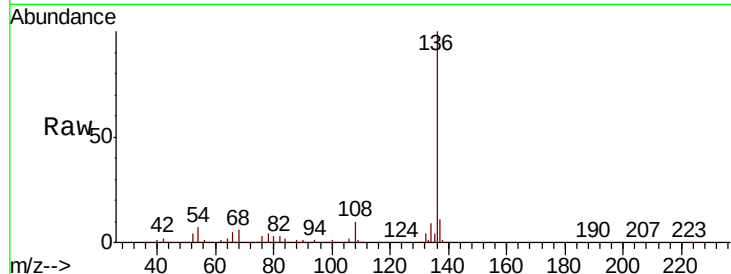




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.61 min Scan# 1296  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampleId :

|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 873983 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 11.1    | 8.6   | 13.0   |  |
| 54 7.4      | 6.0   | 9.0    |  |
| 68 6.1      | 4.9   | 7.3    |  |



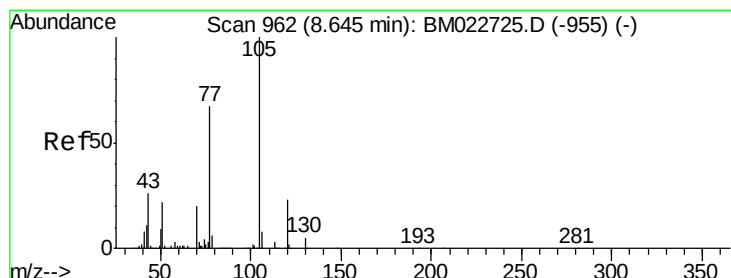
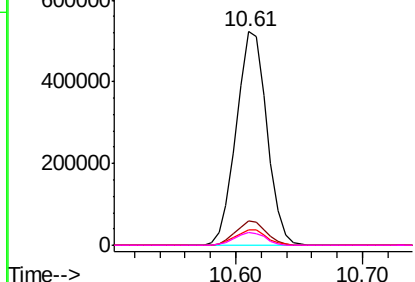
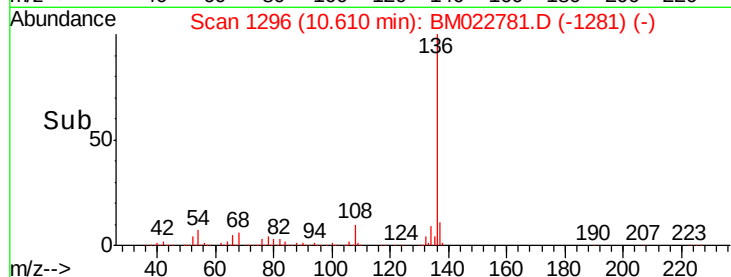
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

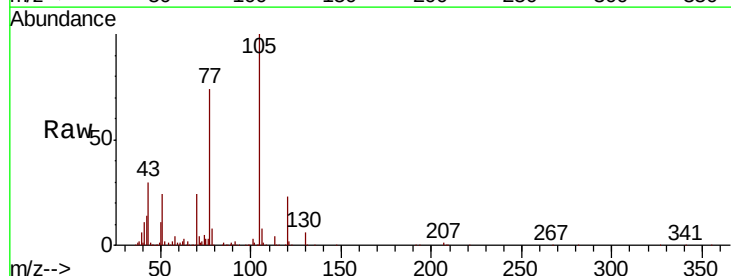
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22  
Acetophenone  
Concen: 34.231 ng  
RT: 8.64 min Scan# 961  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 738486 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 4.0     | 2.7   | 4.1    |
| 51  | 23.6    | 19.9  | 29.9   |
| 120 | 22.9    | 18.3  | 27.5   |



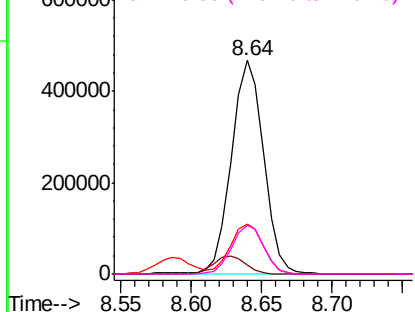
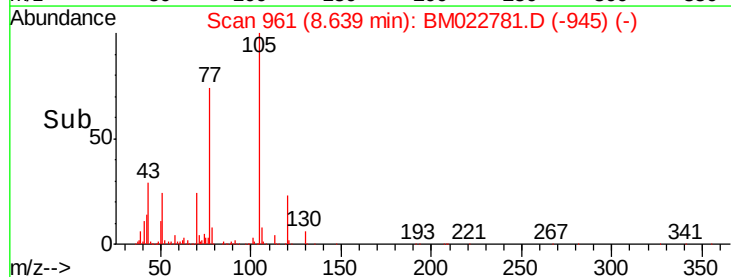
Abundance

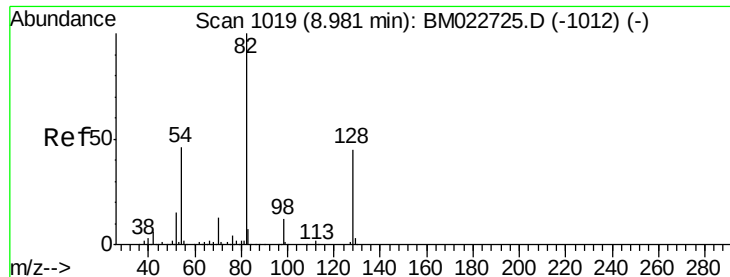
Ion 105.00 (104.70 to 105.70): E

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



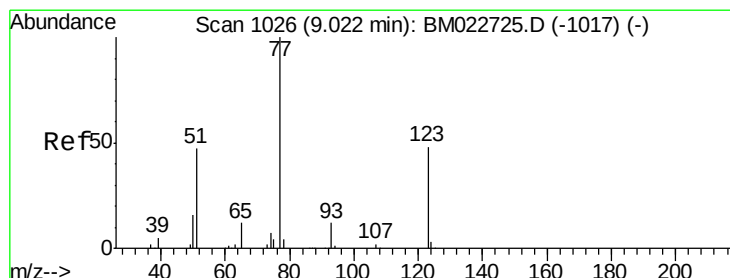
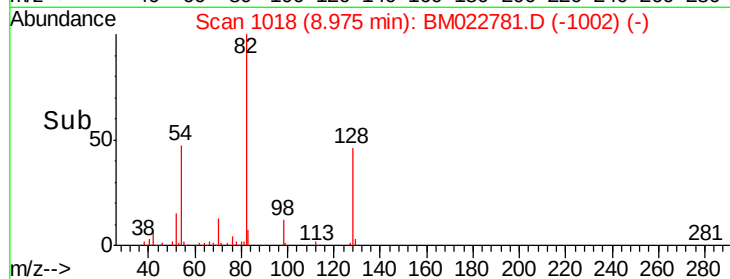
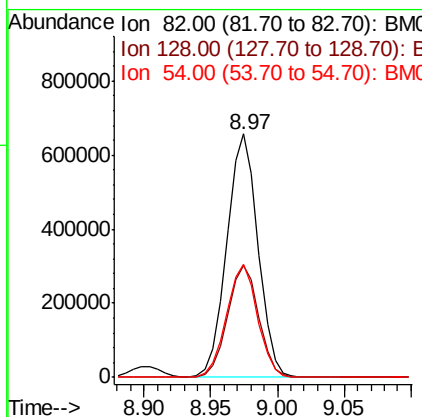
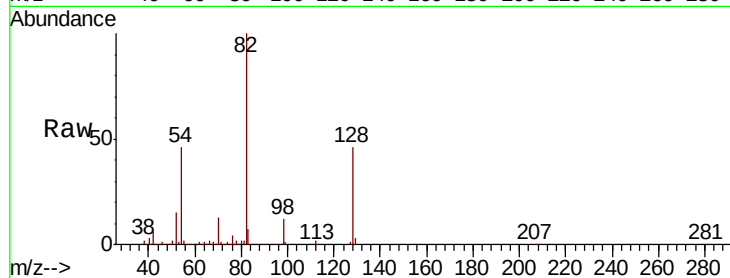


#23  
 Nitrobenzene-d5  
 Concen: 67.795 ng  
 RT: 8.97 min Scan# 1018  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Instrument :  
 BNA\_M  
 ClientSampleID :

Tot Ion: 82 Resp: 1067399  

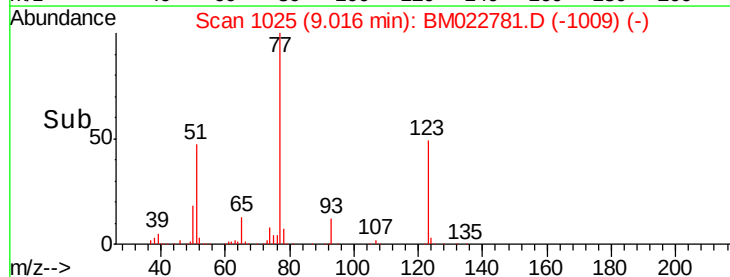
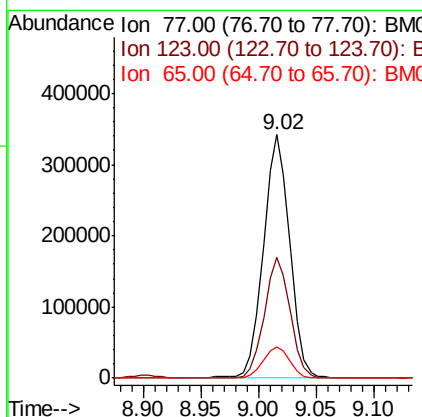
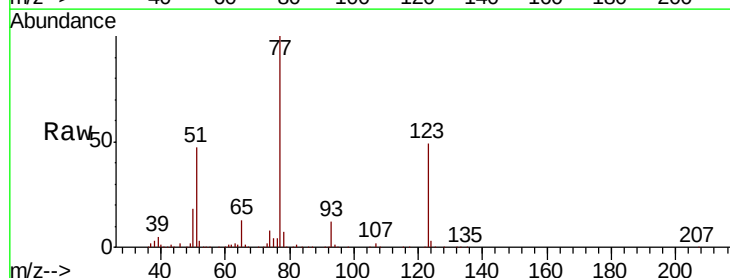
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.0  | 36.0  | 54.0  |
| 54  | 46.2  | 37.1  | 55.7  |



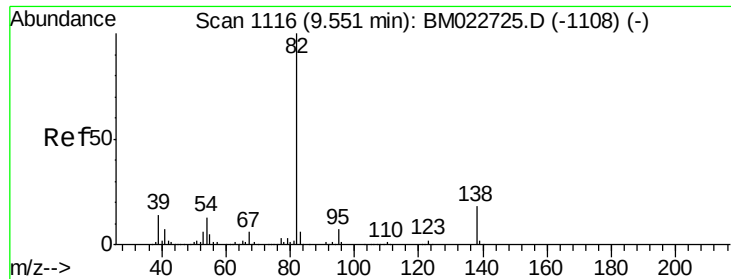
#24  
 Nitrobenzene  
 Concen: 36.017 ng  
 RT: 9.02 min Scan# 1025  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Tgt Ion: 77 Resp: 542569  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 49.4  | 38.0  | 57.0  |
| 65  | 12.8  | 10.0  | 15.0  |







#25

Isophorone

Concen: 37.917 ng

RT: 9.55 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

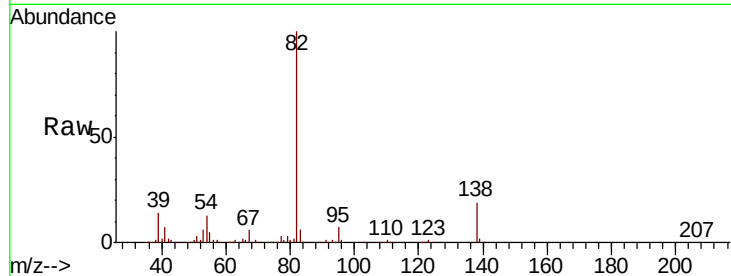
Tot Ion: 82 Resp: 981594

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

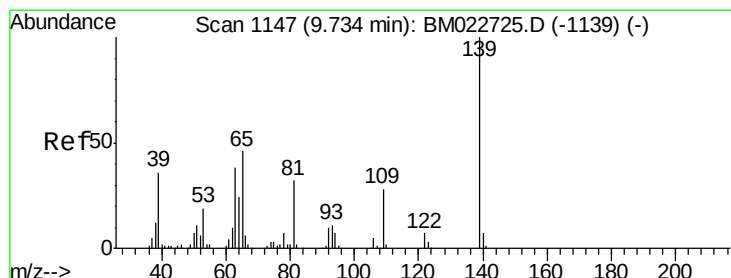
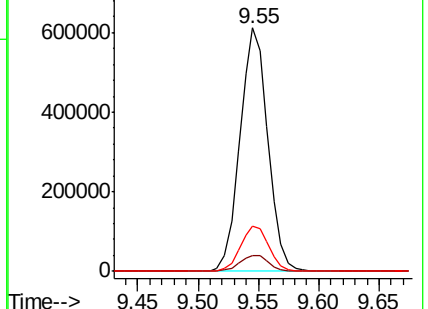
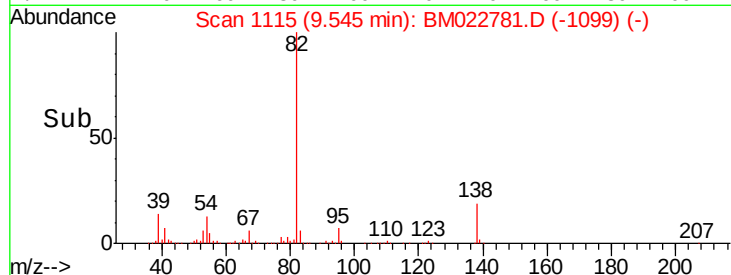
138 18.8 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM022725.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM022725.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM022725.D (-1108) (-)



#26

2-Nitrophenol

Concen: 42.347 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

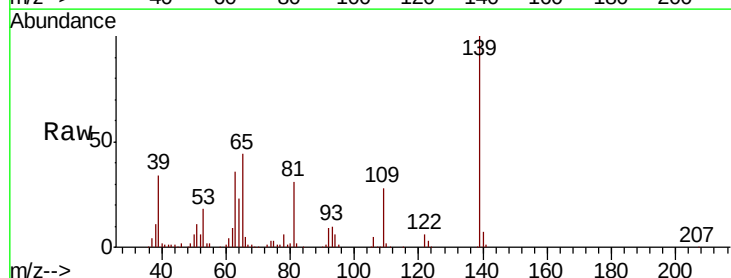
Tgt Ion: 139 Resp: 275392

Ion Ratio Lower Upper

139 100

109 27.8 22.6 33.8

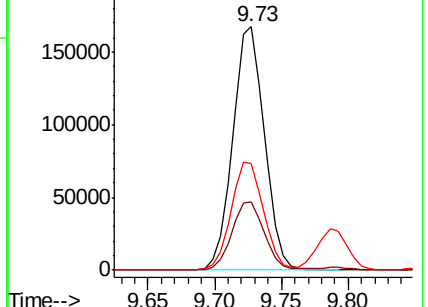
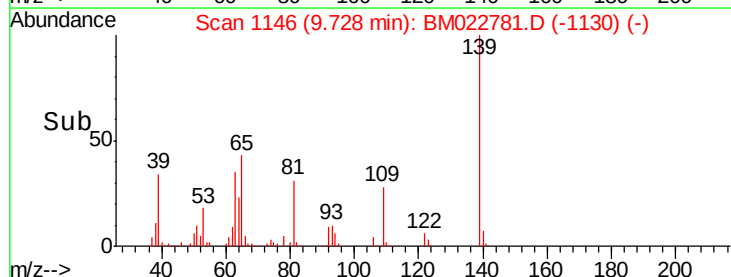
65 43.7 37.0 55.4

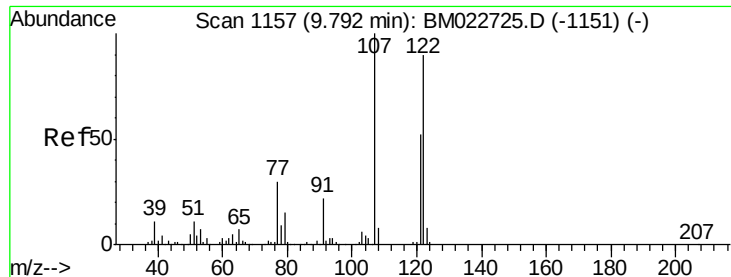


Abundance Ion 139.00 (138.70 to 139.70): BM022725.D (-1139) (-)

Ion 109.00 (108.70 to 109.70): BM022725.D (-1139) (-)

Ion 65.00 (64.70 to 65.70): BM022725.D (-1139) (-)





#27

2,4-Dimethylphenol

Concen: 43.467 ng

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampled :

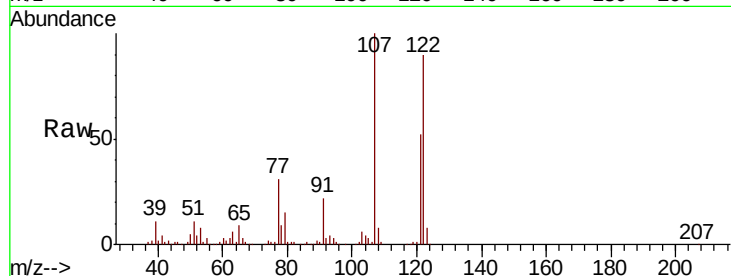
Tot Ion:122 Resp: 473227

Ion Ratio Lower Upper

122 100

107 111.0 88.9 133.3

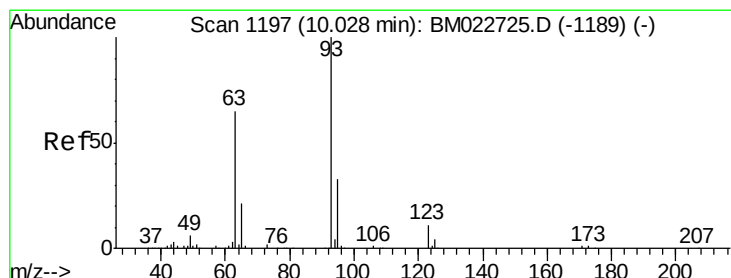
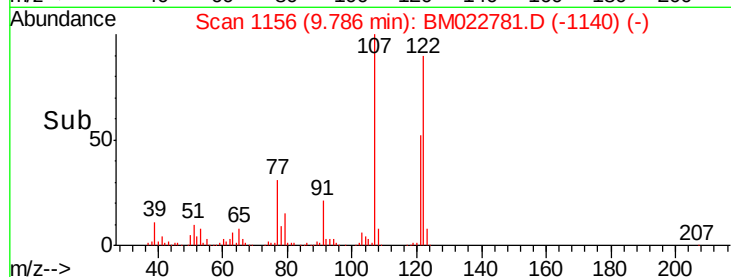
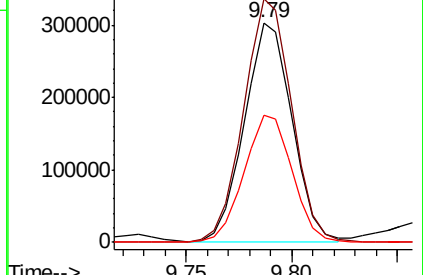
121 58.2 46.5 69.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.097 ng

RT: 10.02 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

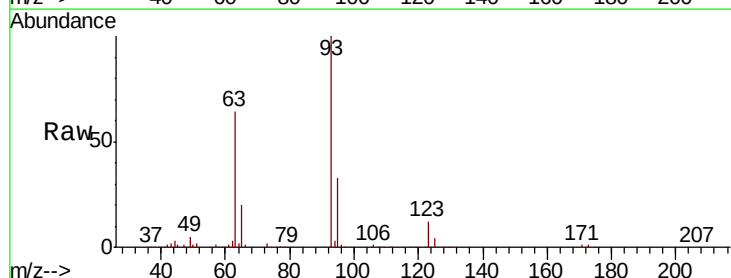
Tgt Ion: 93 Resp: 646654

Ion Ratio Lower Upper

93 100

95 32.7 26.0 39.0

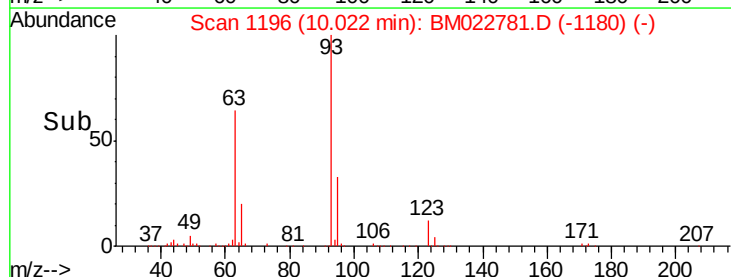
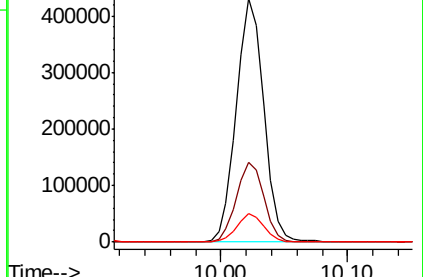
123 11.6 9.0 13.6

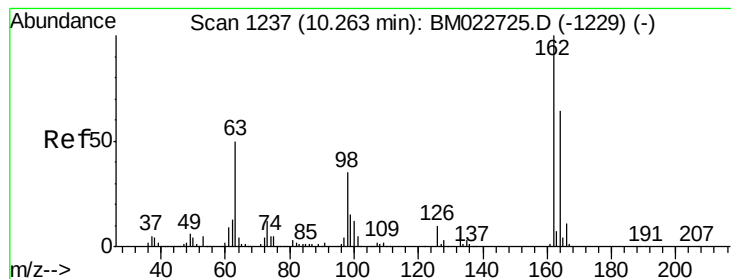


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.410 ng

RT: 10.26 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

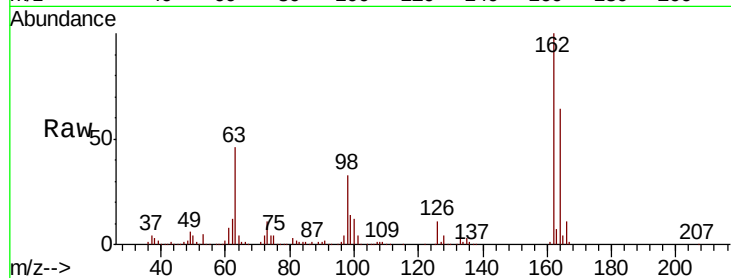
Tot Ion:162 Resp: 485093

Ion Ratio Lower Upper

162 100

164 64.0 44.4 84.4

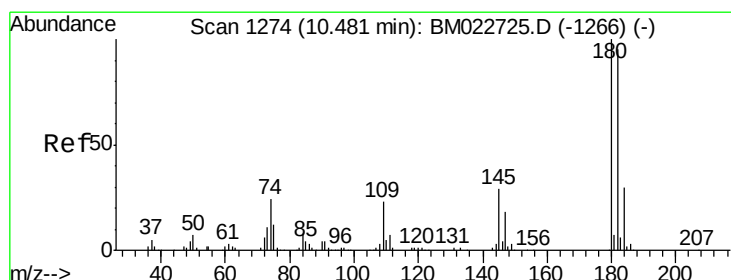
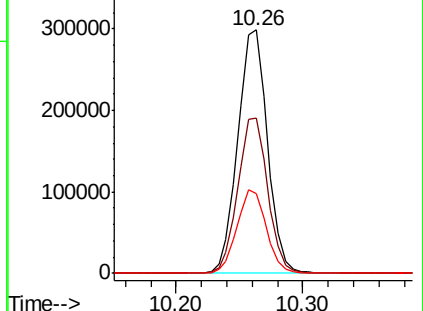
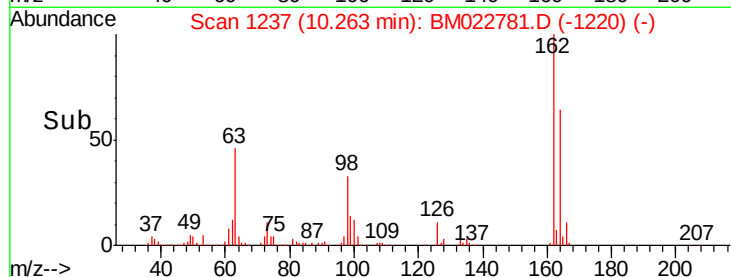
98 32.7 14.8 54.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 35.890 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

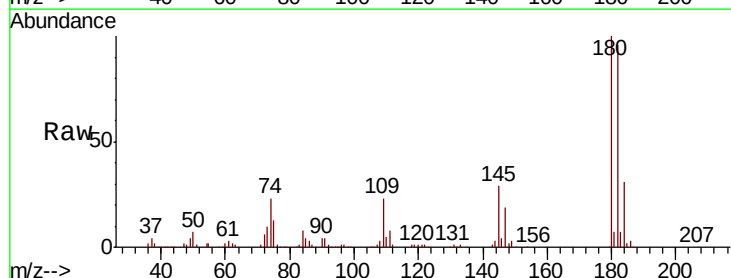
Tgt Ion:180 Resp: 543520

Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.2

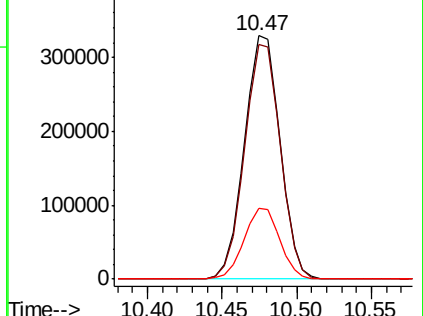
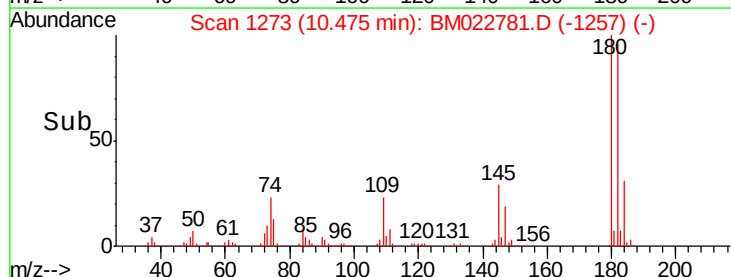
145 29.2 23.0 34.4

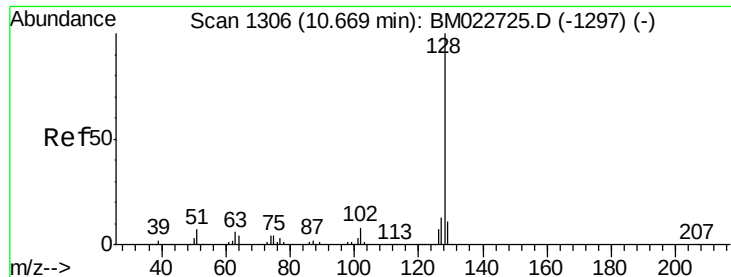


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

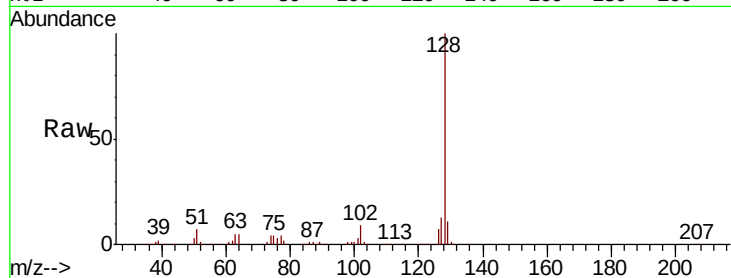




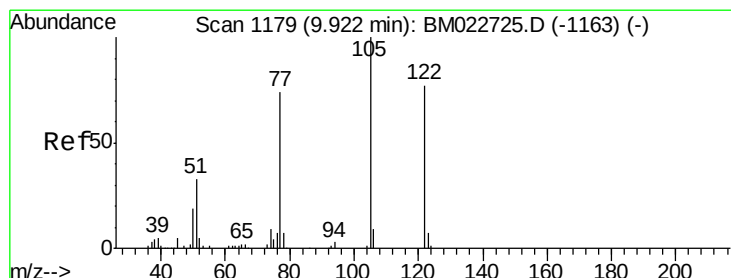
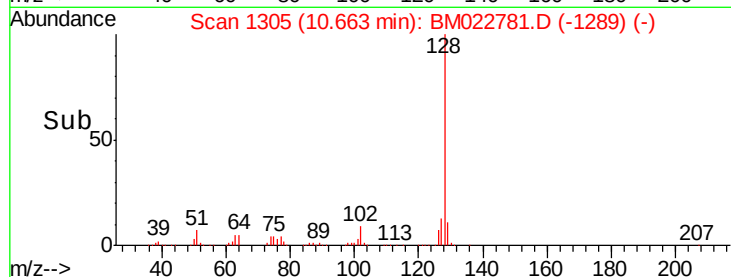
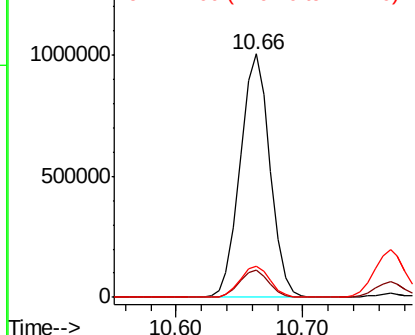
#31  
Naphthalene  
Concen: 37.829 ng  
RT: 10.66 min Scan# 1305  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:128 Resp: 1633617  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 12.9 10.2 15.4

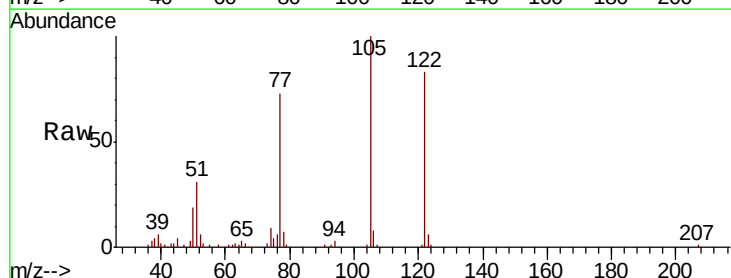


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

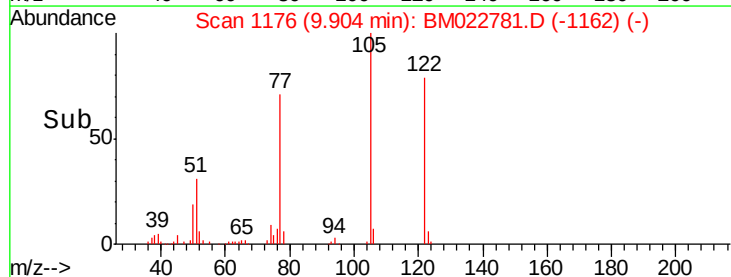
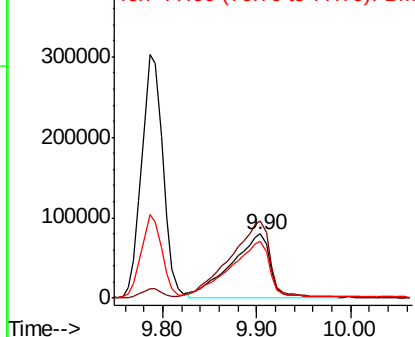


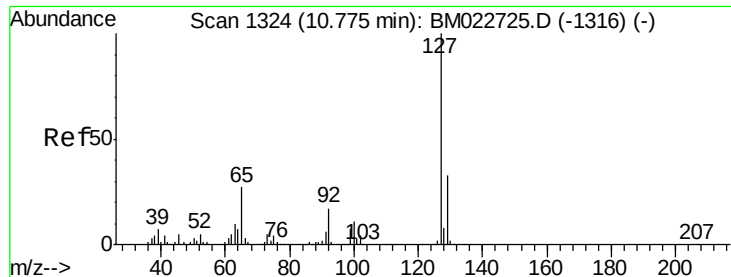
#32  
Benzoic acid  
Concen: 31.710 ng  
RT: 9.90 min Scan# 1176  
Delta R.T. -0.02 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Tgt Ion:122 Resp: 226304  
Ion Ratio Lower Upper  
122 100  
105 121.2 105.3 145.3  
77 88.3 74.7 114.7



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

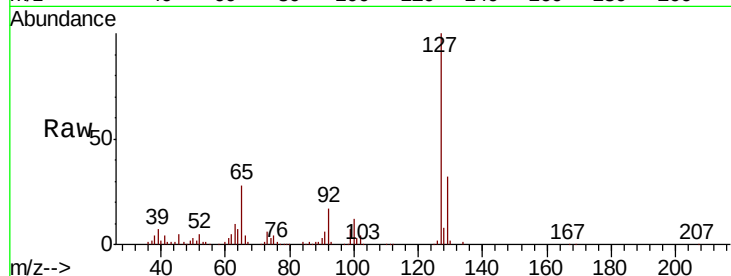




#33  
4-Chloroaniline  
Concen: 18.231 ng  
RT: 10.77 min Scan# 1323  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 341822 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.0  | 26.1  | 39.1   |
| 65       | 27.7  | 22.0  | 33.0   |
| 92       | 17.4  | 13.8  | 20.8   |



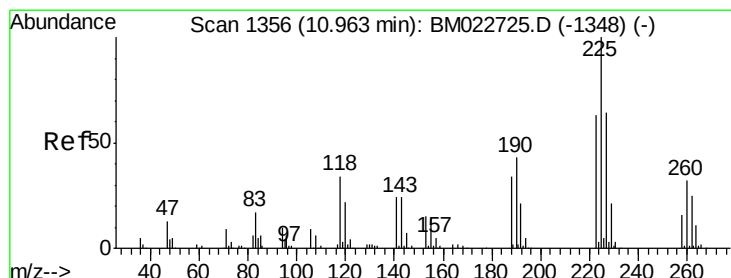
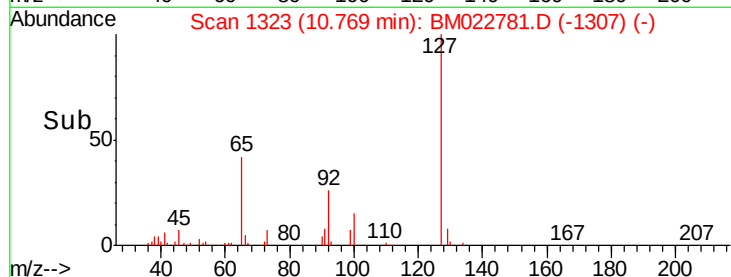
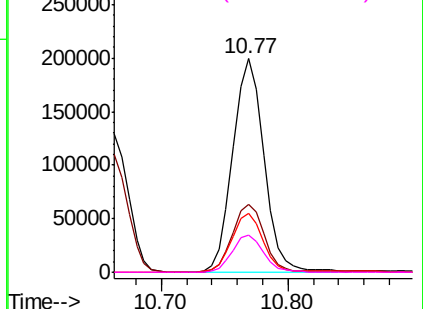
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

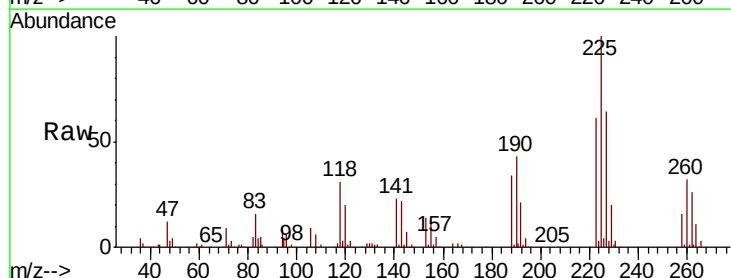
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34  
Hexachlorobutadiene  
Concen: 36.828 ng  
RT: 10.96 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 332461 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.1  | 50.2  | 75.4   |
| 227      | 63.9  | 51.0  | 76.4   |

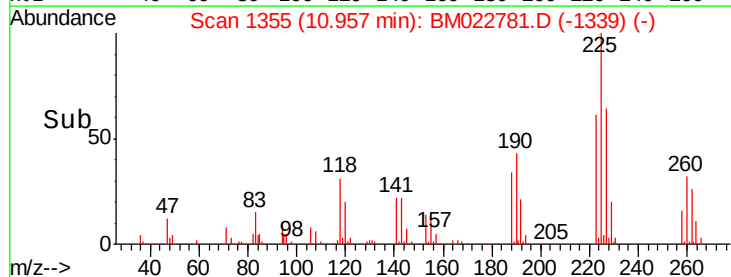
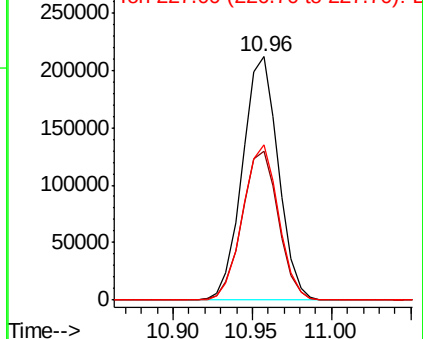


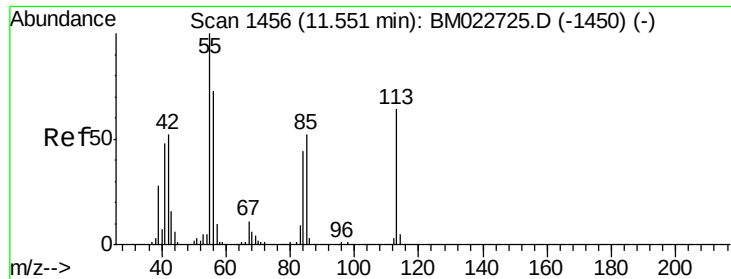
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

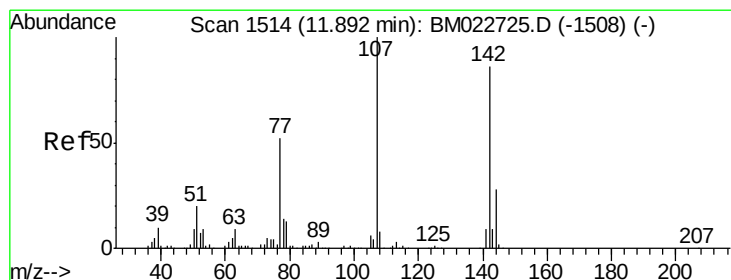
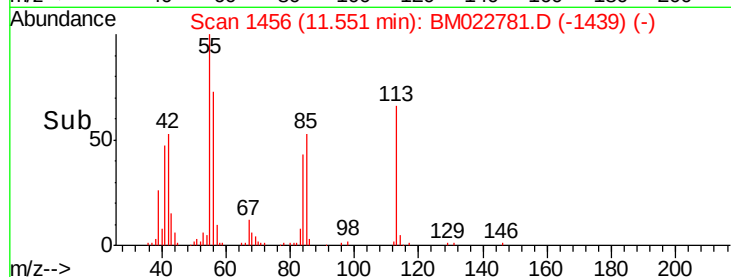
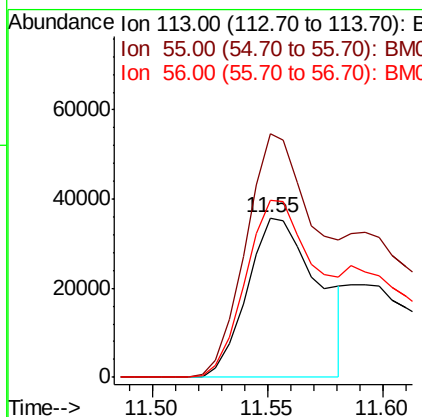
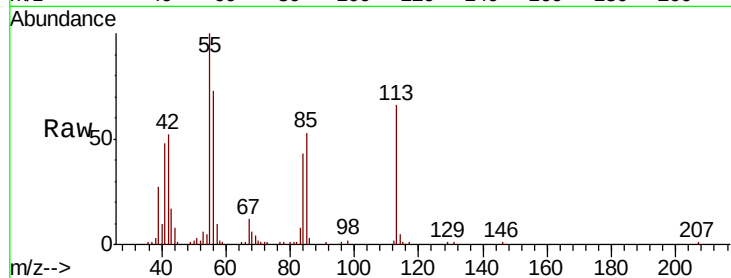




#35  
 Caprolactam  
 Concen: 21.007 ng  
 RT: 11.55 min Scan# 1456  
 Delta R.T. -0.00 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

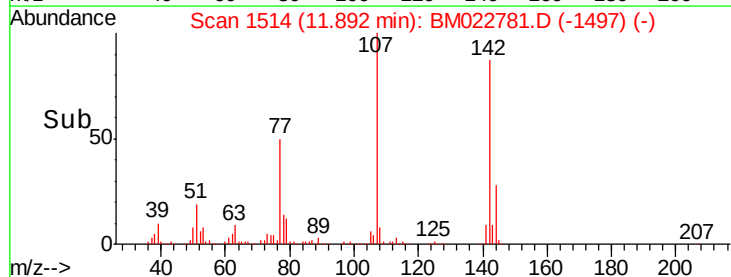
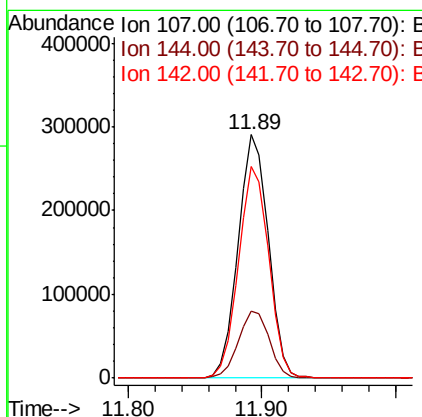
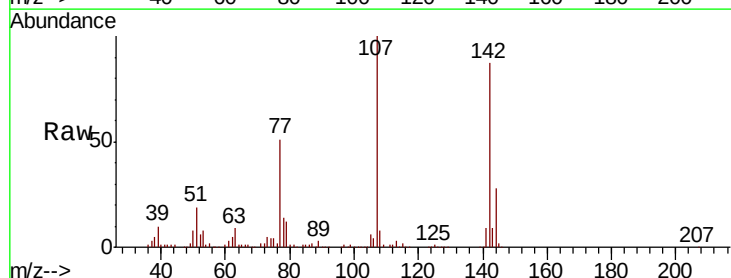
Instrument :  
 BNA\_M  
 ClientSampleId :

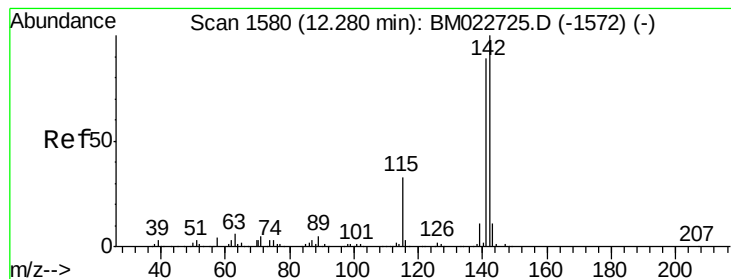
Tot Ion:113 Resp: 76658  
 Ion Ratio Lower Upper  
 113 100  
 55 152.4 136.8 176.8  
 56 110.6 95.2 135.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 37.888 ng  
 RT: 11.89 min Scan# 1514  
 Delta R.T. -0.00 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Tgt Ion:107 Resp: 454995  
 Ion Ratio Lower Upper  
 107 100  
 144 27.8 22.4 33.6  
 142 86.7 68.2 102.4





#37

2-Methylnaphthalene

Concen: 38.404 ng

RT: 12.27 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

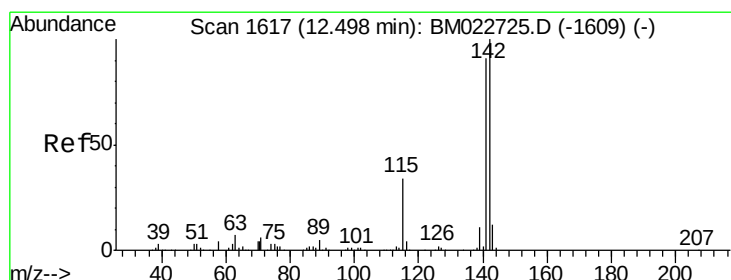
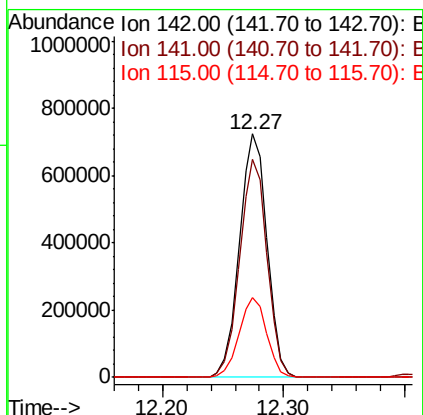
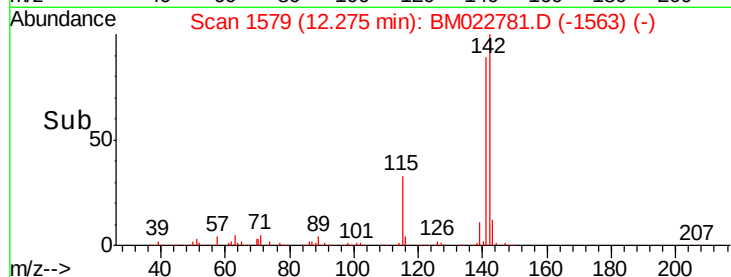
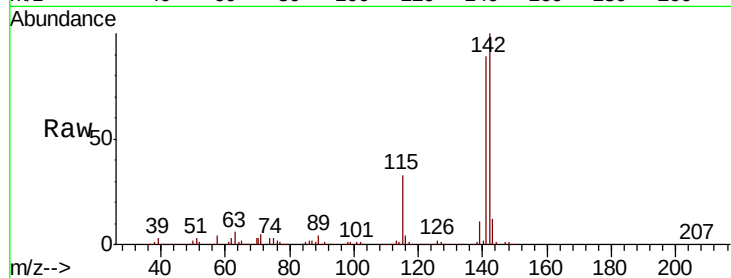
Tot Ion:142 Resp: 1154402

Ion Ratio Lower Upper

142 100

141 89.4 71.5 107.3

115 32.8 26.1 39.1



#38

1-Methylnaphthalene

Concen: 37.548 ng

RT: 12.49 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

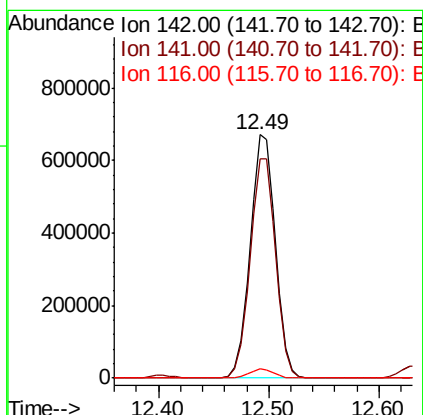
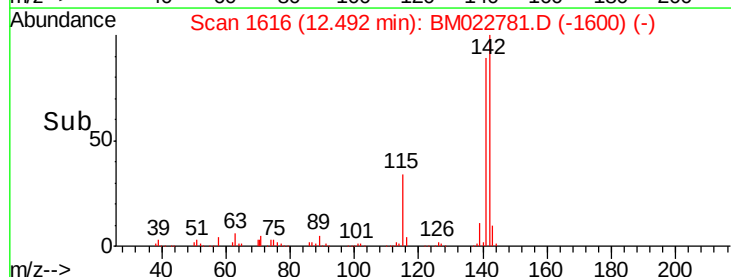
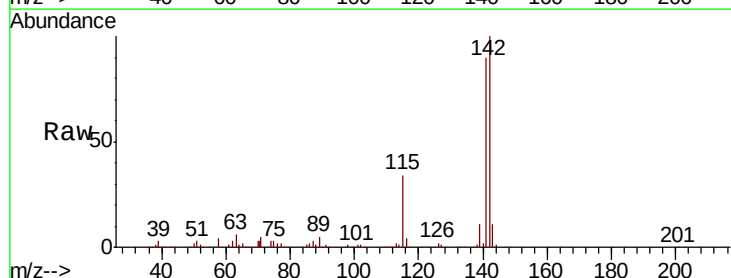
Tgt Ion:142 Resp: 1071370

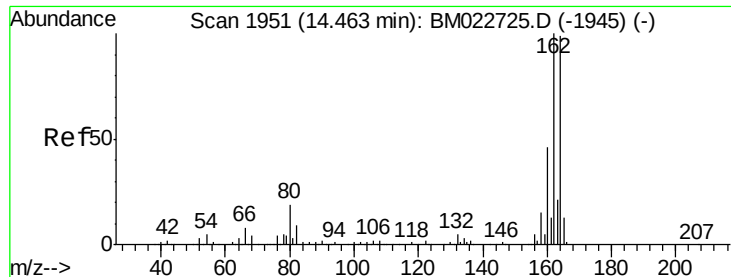
Ion Ratio Lower Upper

142 100

141 90.2 73.0 109.4

116 3.6 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

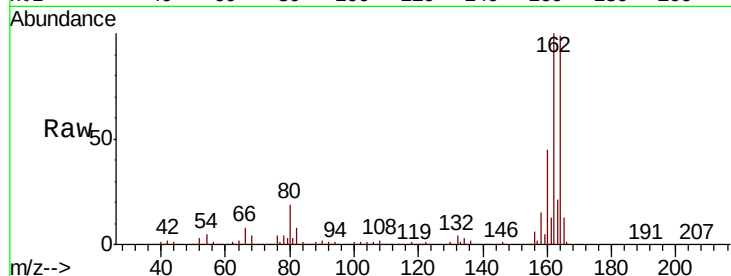
Tot Ion:164 Resp: 478058

Ion Ratio Lower Upper

164 100

162 100.7 81.1 121.7

160 45.5 36.9 55.3

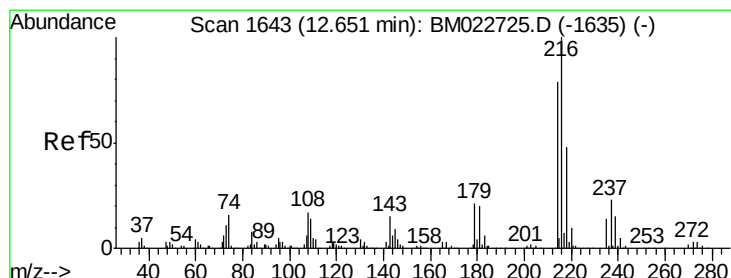
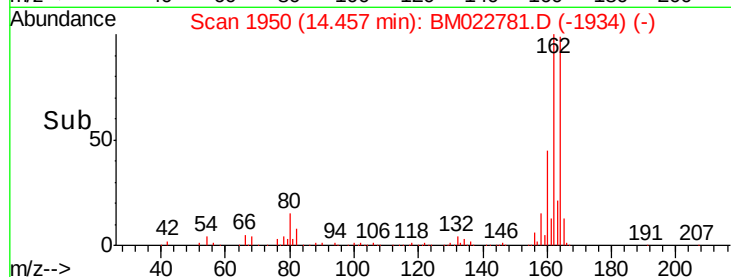
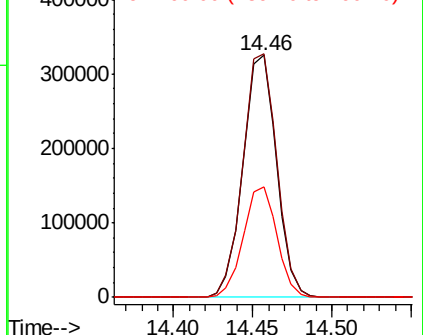


Abundance

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: 36.041 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:216 Resp: 583815

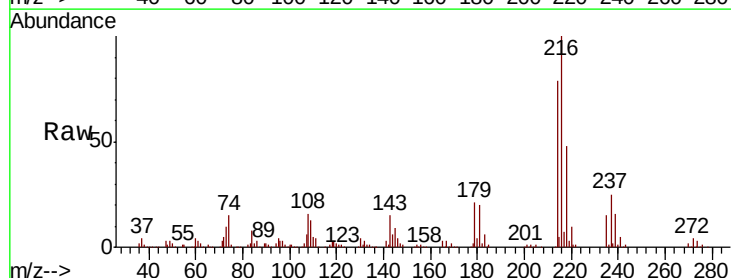
Ion Ratio Lower Upper

216 100

214 78.6 62.9 94.3

179 20.6 16.6 24.8

108 17.6 14.2 21.4



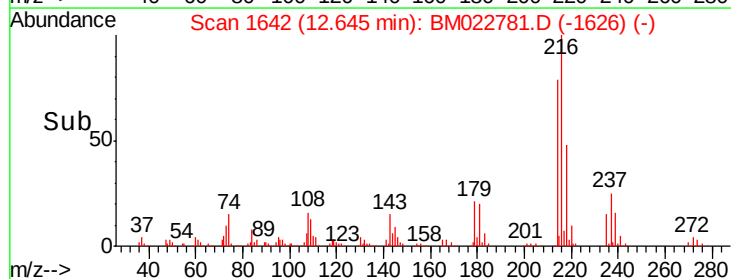
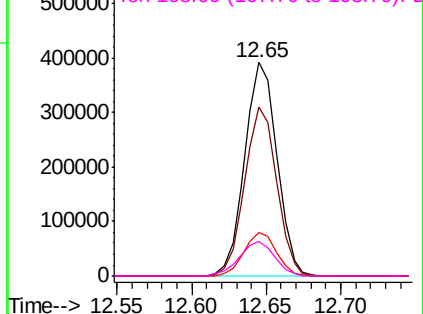
Abundance

Ion 216.00 (215.70 to 216.70): E

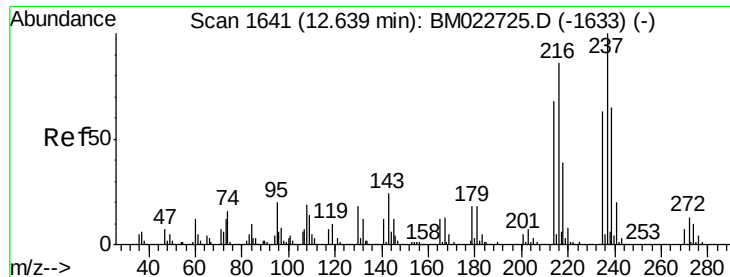
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 45.561 ng

RT: 12.63 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

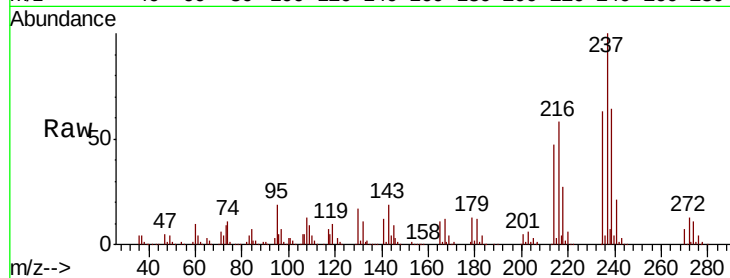
Tot Ion:237 Resp: 402675

Ion Ratio Lower Upper

237 100

235 62.6 43.3 83.3

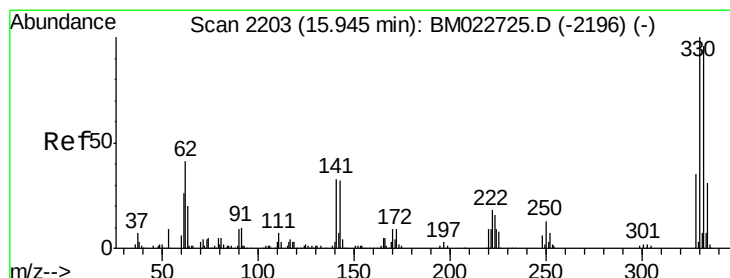
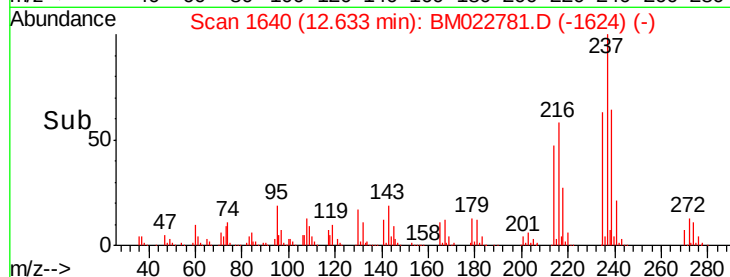
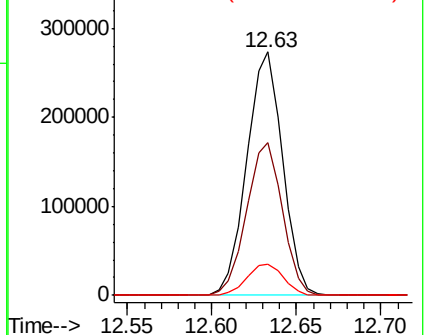
272 12.8 0.0 32.6



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: 106.776 ng

RT: 15.94 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

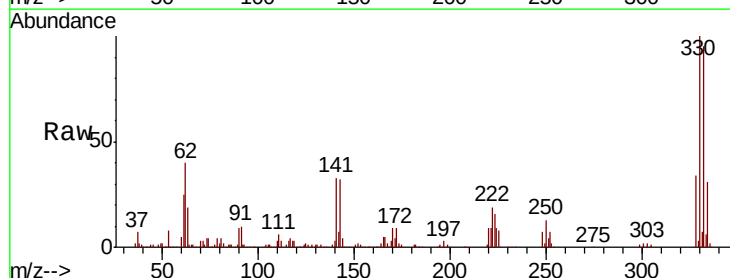
Tgt Ion:330 Resp: 637215

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

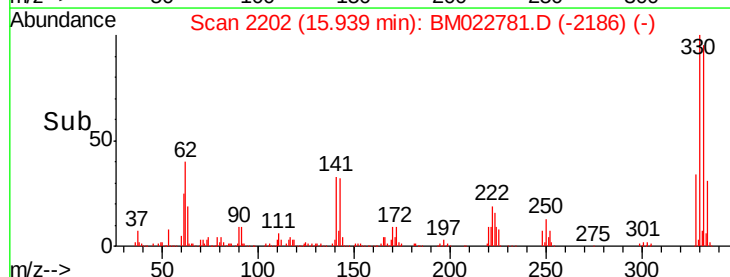
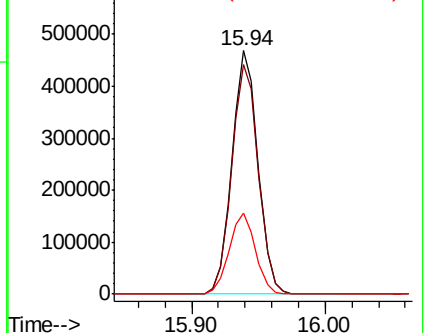
141 33.7 28.6 42.8

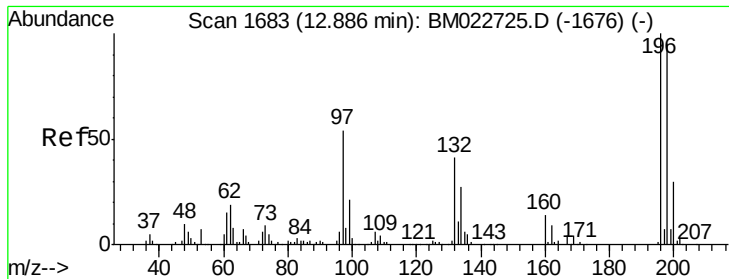


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

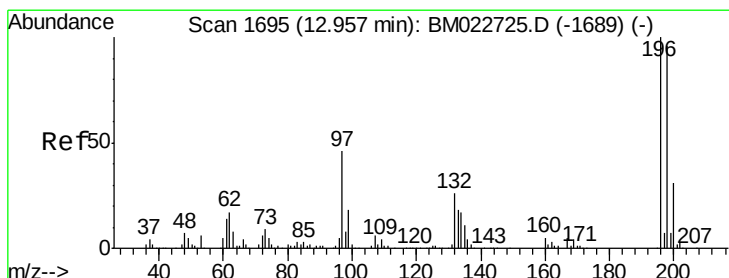
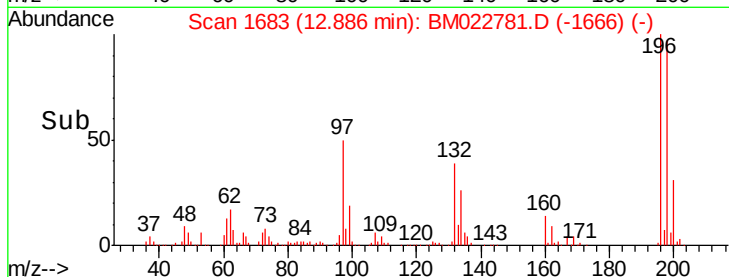
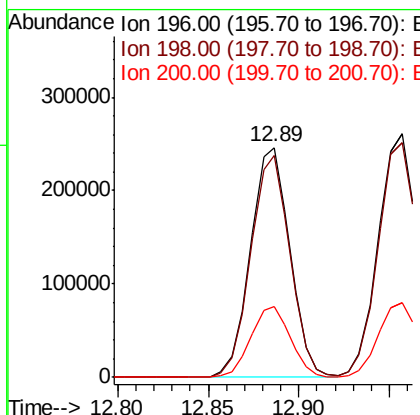
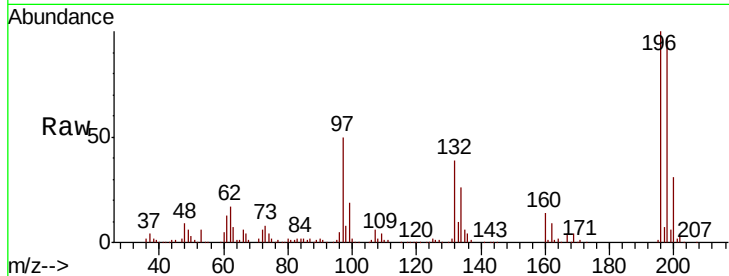




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.794 ng  
 RT: 12.89 min Scan# 1683  
 Delta R.T. -0.00 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

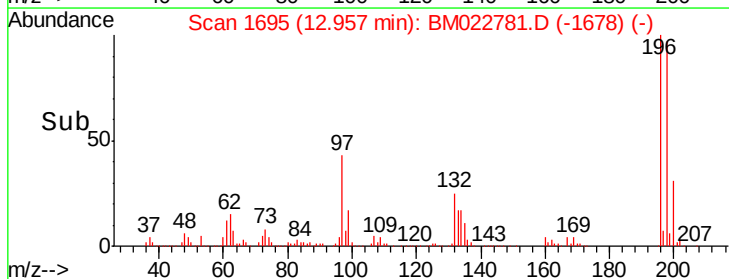
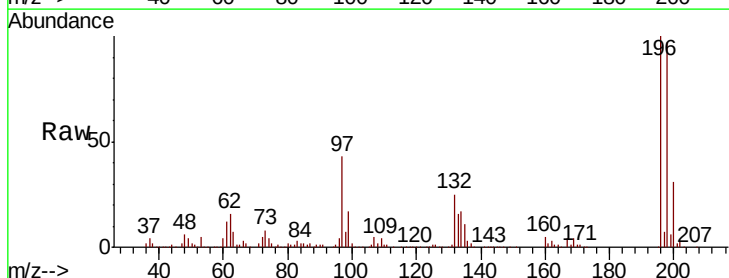
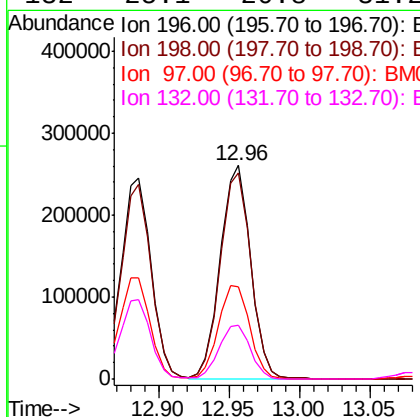
Instrument :  
 BNA\_M  
 ClientSampleId :

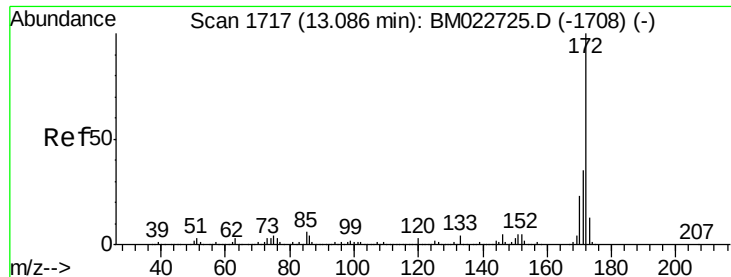
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.7  | 76.3  | 114.5 |
| 200     | 30.9  | 24.4  | 36.6  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.871 ng  
 RT: 12.96 min Scan# 1695  
 Delta R.T. -0.00 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.6  | 77.0  | 115.4 |
| 97      | 43.3  | 37.2  | 55.8  |
| 132     | 25.1  | 20.8  | 31.2  |

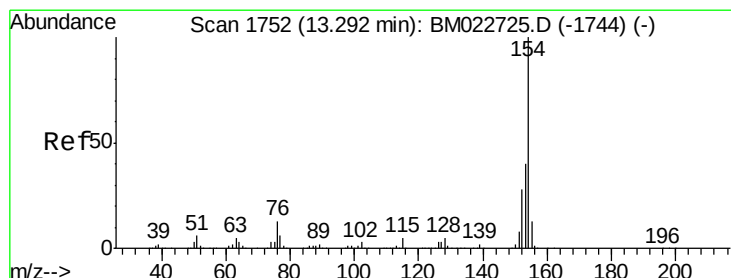
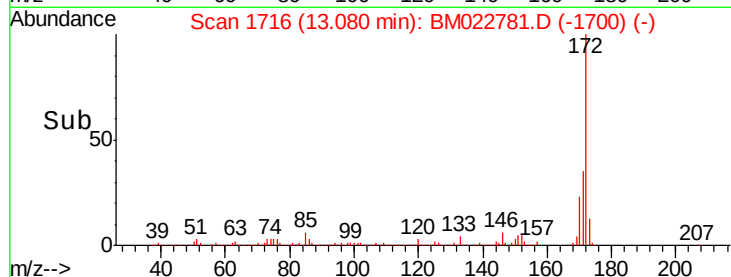
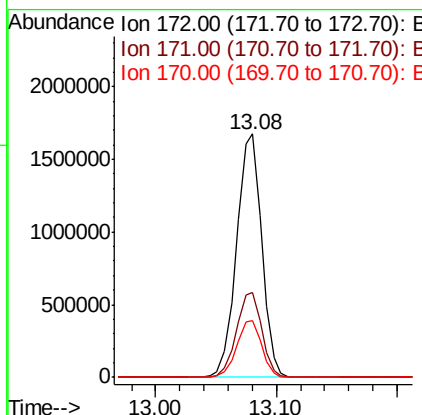
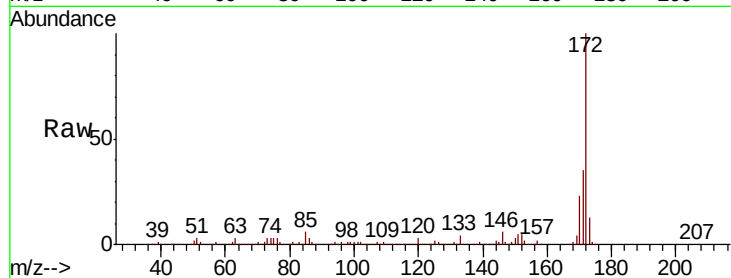




#45  
2-Fluorobiphenyl  
Concen: 70.032 ng  
RT: 13.08 min Scan# 1716  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

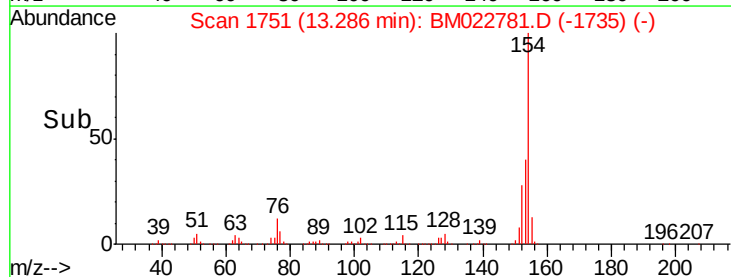
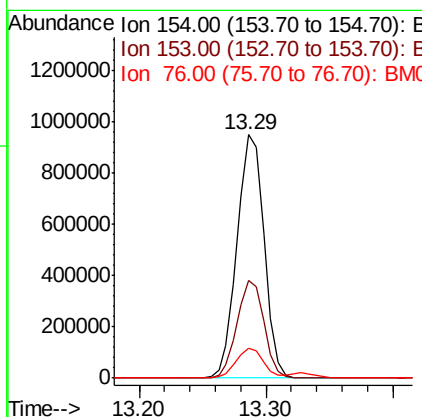
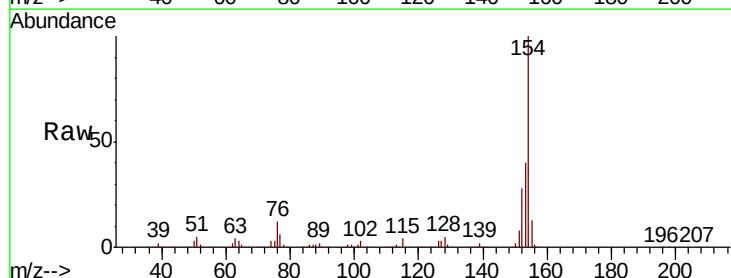
Instrument :  
BNA\_M  
ClientSampleId :

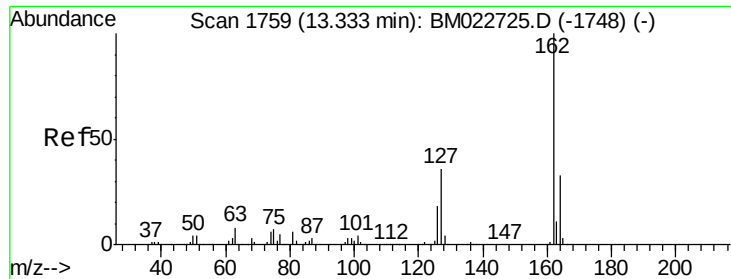
Tot Ion:172 Resp: 2431246  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.8 41.8  
170 23.3 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 35.294 ng  
RT: 13.29 min Scan# 1751  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Tgt Ion:154 Resp: 1396428  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.1 60.1  
76 12.3 0.0 32.6

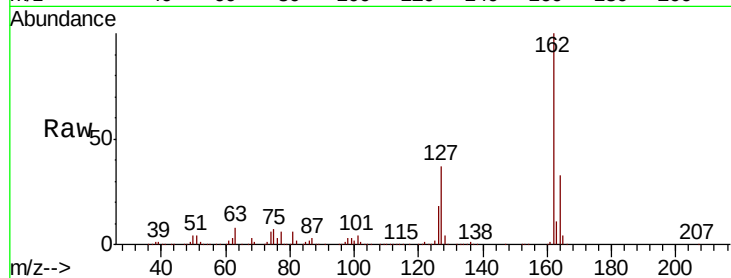




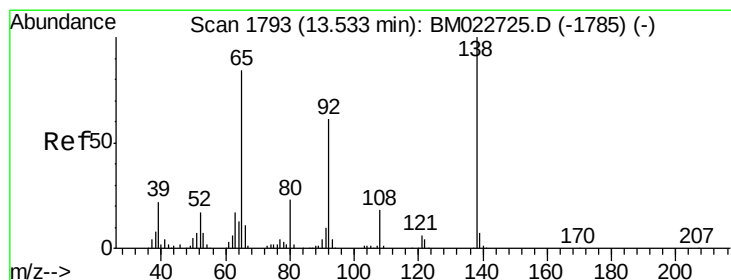
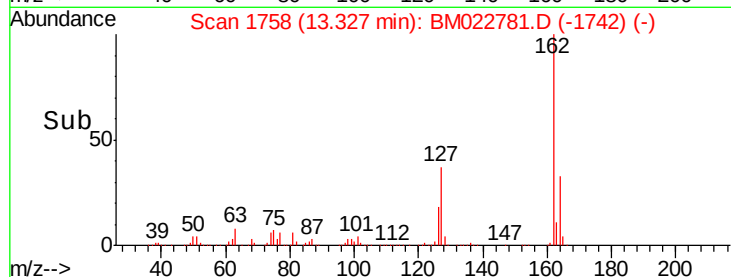
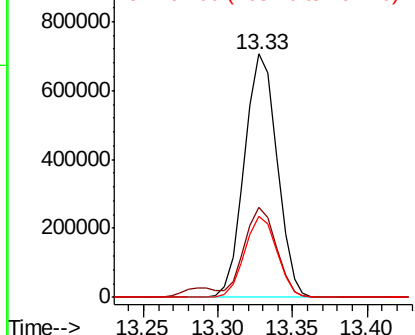
#47  
2-Chloronaphthalene  
Concen: 36.344 ng  
RT: 13.33 min Scan# 1758  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:162 Resp: 1071778  
Ion Ratio Lower Upper  
162 100  
127 37.2 29.0 43.6  
164 33.2 26.0 39.0

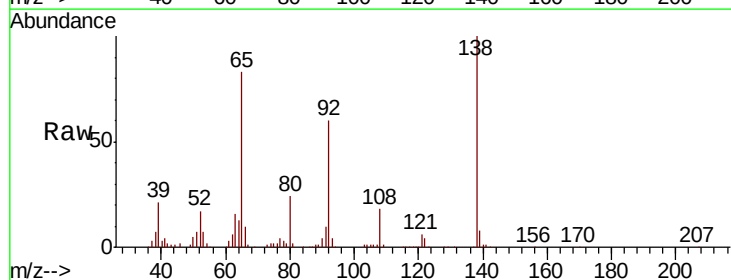


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

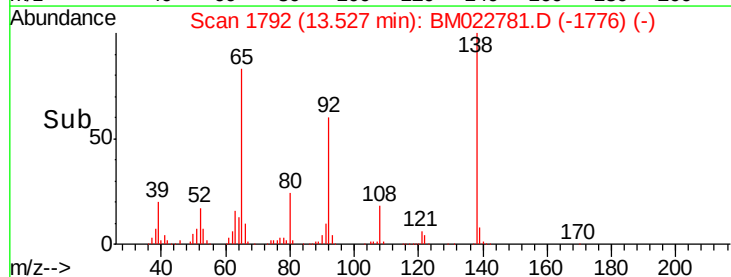
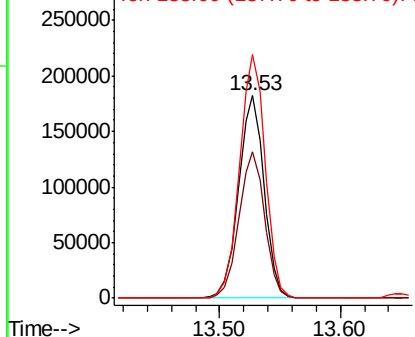


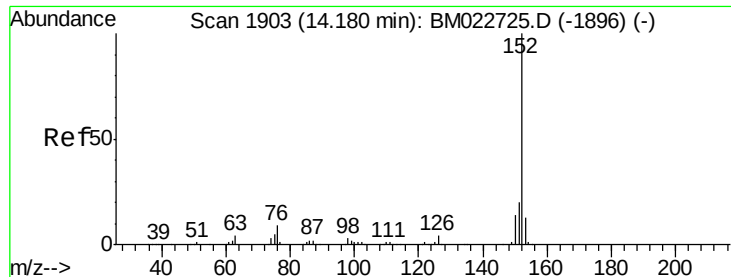
#48  
2-Nitroaniline  
Concen: 35.048 ng  
RT: 13.53 min Scan# 1792  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Tgt Ion: 65 Resp: 269135  
Ion Ratio Lower Upper  
65 100  
92 72.6 58.6 87.8  
138 120.5 95.4 143.0



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





#49

Acenaphthylene

Concen: 41.238 ng

RT: 14.17 min Scan# 1902

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

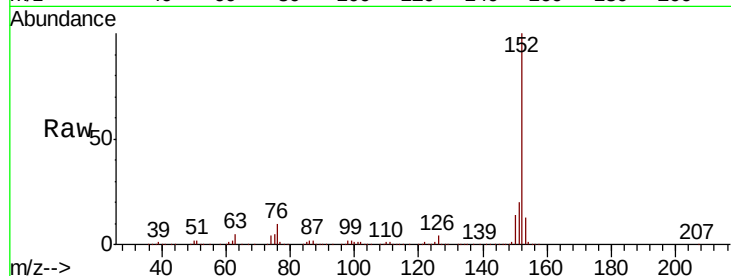
Tot Ion:152 Resp: 1800856

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

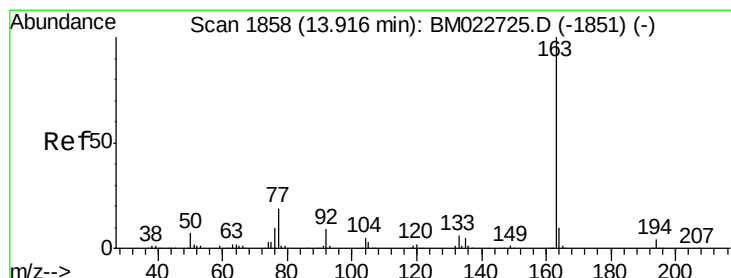
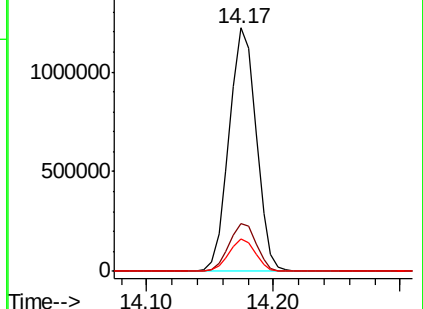
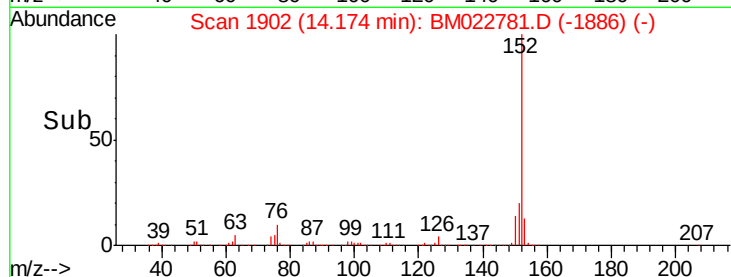
153 13.2 10.5 15.7



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: 44.414 ng

RT: 13.91 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

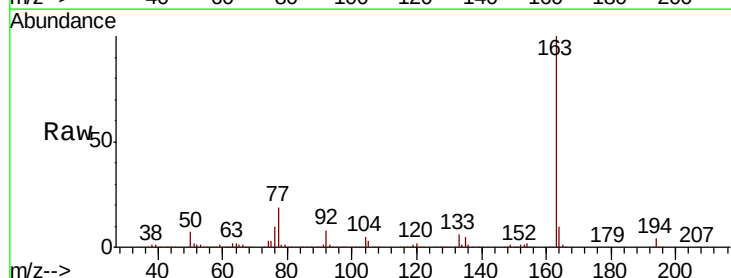
Tgt Ion:163 Resp: 1534409

Ion Ratio Lower Upper

163 100

194 3.9 3.3 4.9

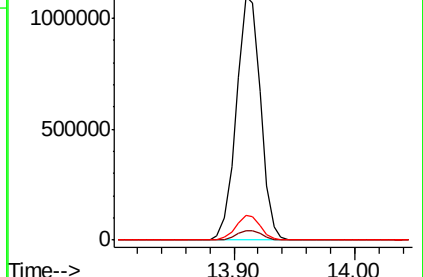
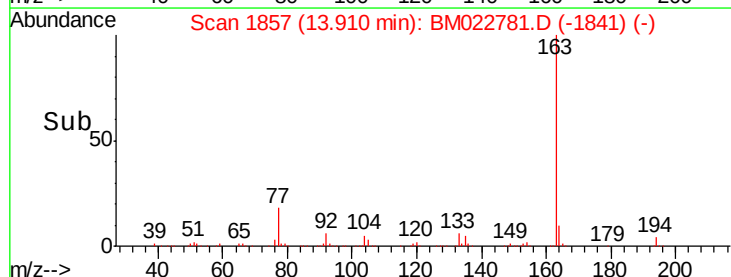
164 10.3 8.2 12.2

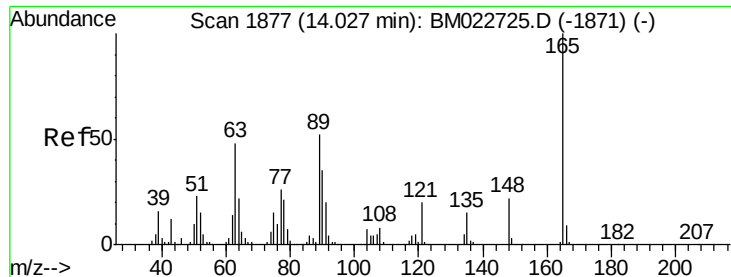


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

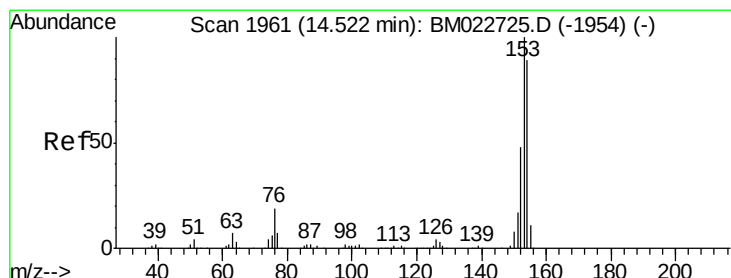
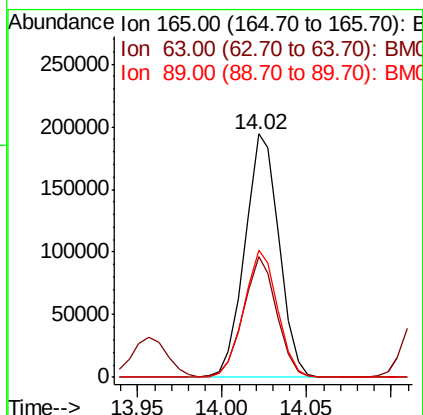
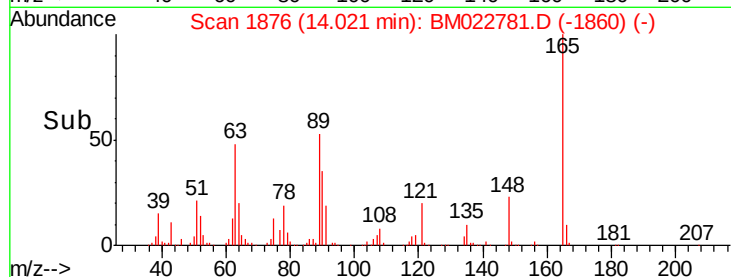
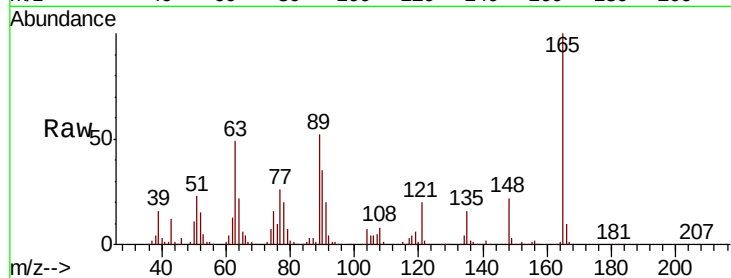




#51  
2,6-Dinitrotoluene  
Concen: 37.891 ng  
RT: 14.02 min Scan# 1876  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

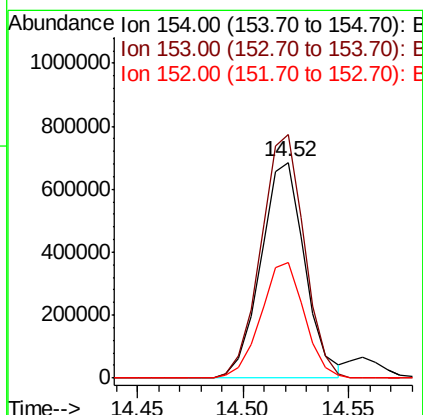
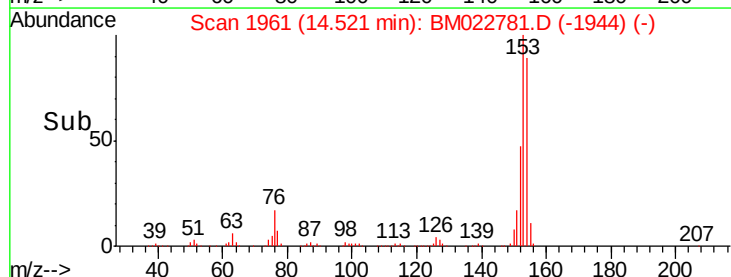
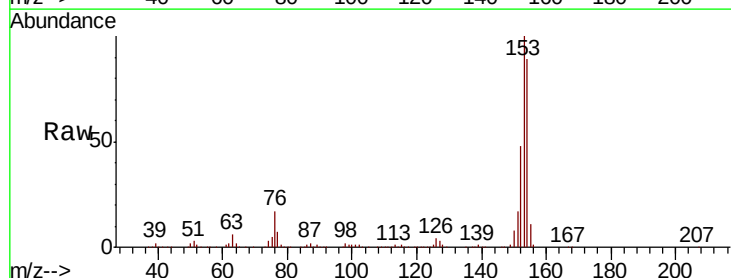
Instrument :  
BNA\_M  
ClientSampleId :

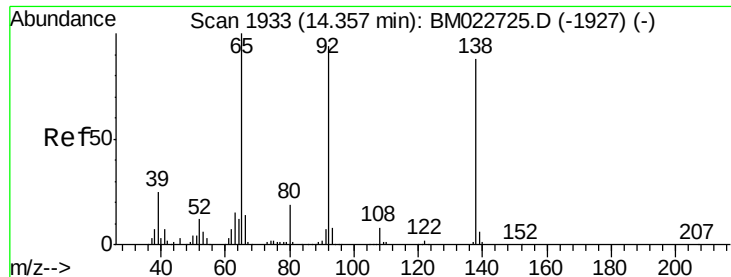
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 49.5  | 38.6  | 58.0  |
| 89      | 52.2  | 41.6  | 62.4  |



#52  
Acenaphthene  
Concen: 34.680 ng  
RT: 14.52 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.0 | 90.0  | 135.0 |
| 152     | 53.8  | 42.9  | 64.3  |

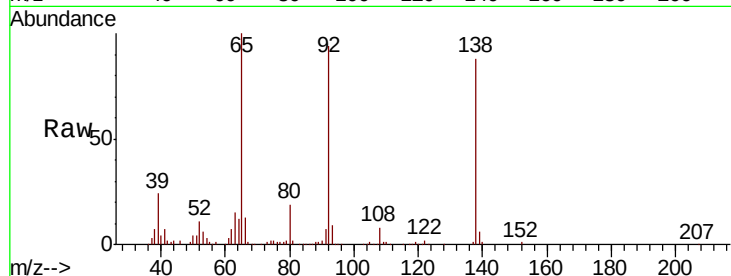




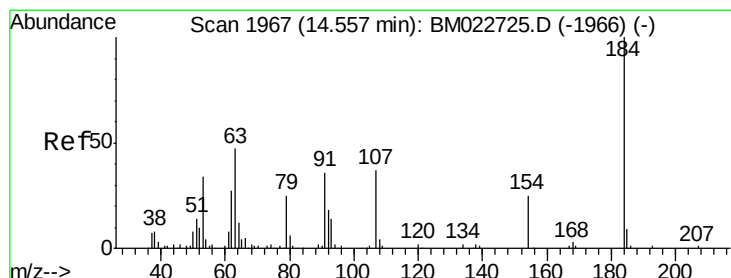
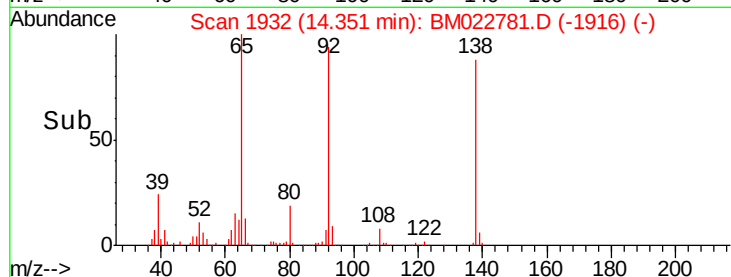
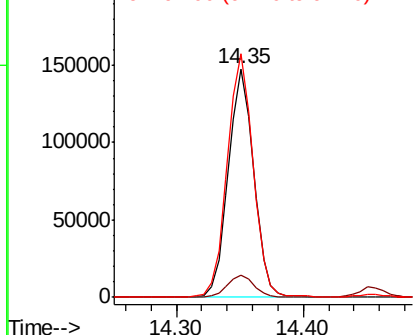
#53  
3-Nitroaniline  
Concen: 24.651 ng  
RT: 14.35 min Scan# 1932  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:138 Resp: 205080  
Ion Ratio Lower Upper  
138 100  
108 9.6 7.3 10.9  
92 106.5 86.3 129.5

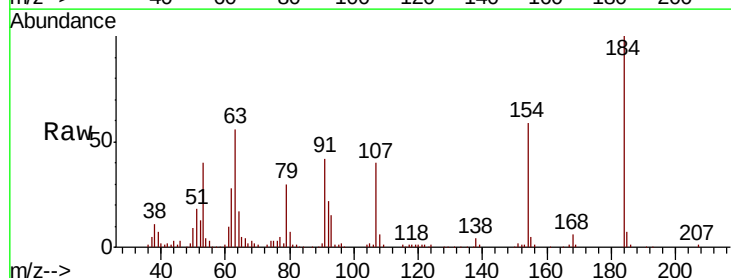


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BM

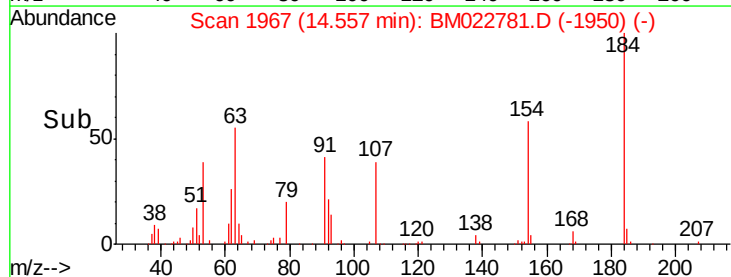
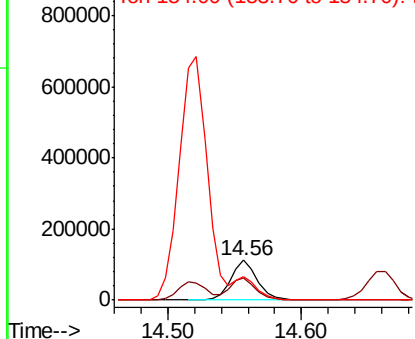


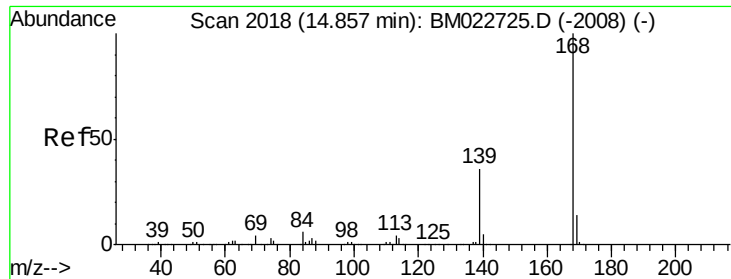
#54  
2,4-Dinitrophenol  
Concen: 42.717 ng  
RT: 14.56 min Scan# 1967  
Delta R.T. 0.00 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Tgt Ion:184 Resp: 153368  
Ion Ratio Lower Upper  
184 100  
63 56.0 48.5 72.7  
154 58.9 48.1 72.1



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

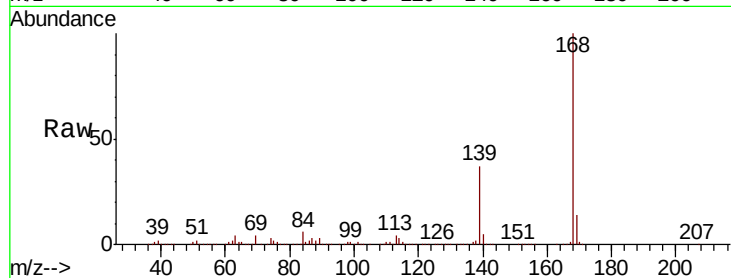




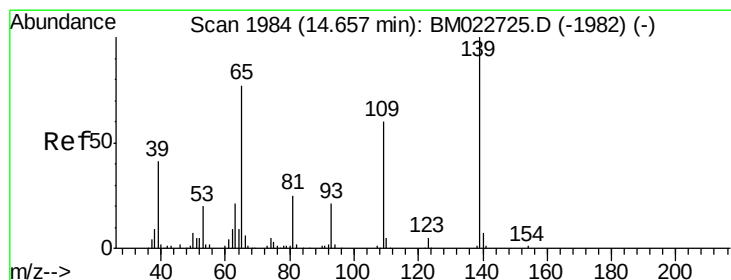
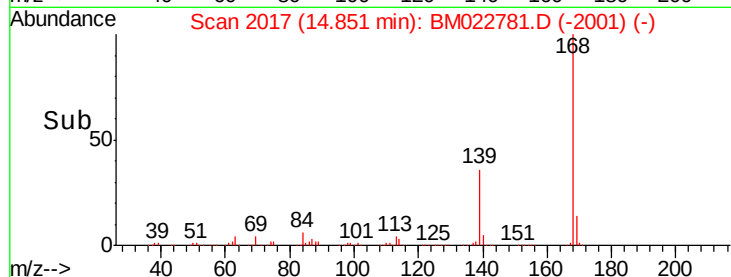
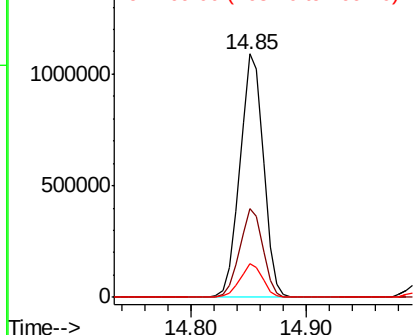
#55  
Dibenzofuran  
Concen: 36.817 ng  
RT: 14.85 min Scan# 2017  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:168 Resp: 1535624  
Ion Ratio Lower Upper  
168 100  
139 36.5 28.8 43.2  
169 13.6 10.9 16.3

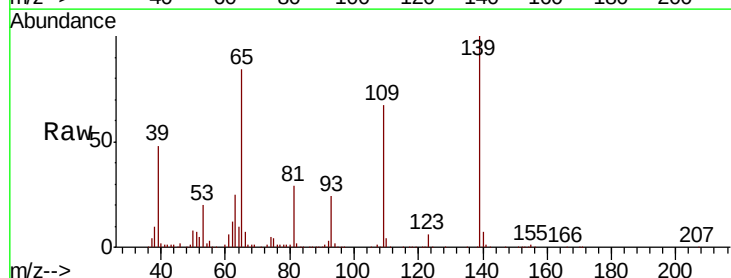


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

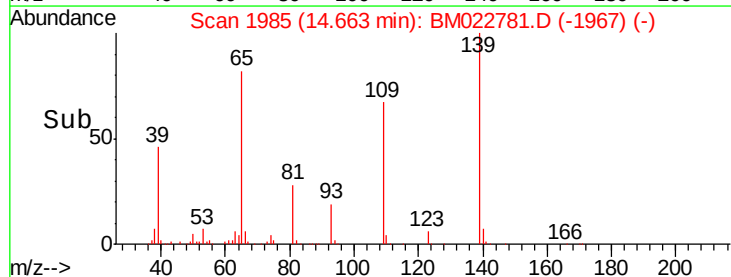
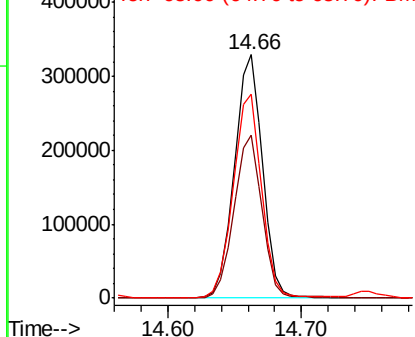


#56  
4-Nitrophenol  
Concen: 75.263 ng  
RT: 14.66 min Scan# 1985  
Delta R.T. 0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

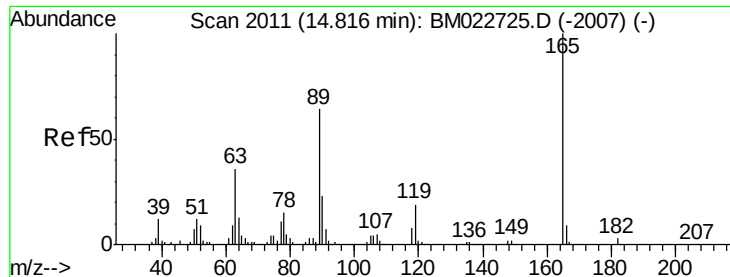
Tgt Ion:139 Resp: 481264  
Ion Ratio Lower Upper  
139 100  
109 66.7 44.8 84.8  
65 83.6 66.6 106.6



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): E



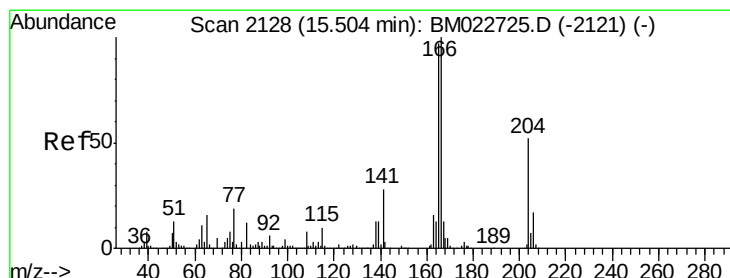
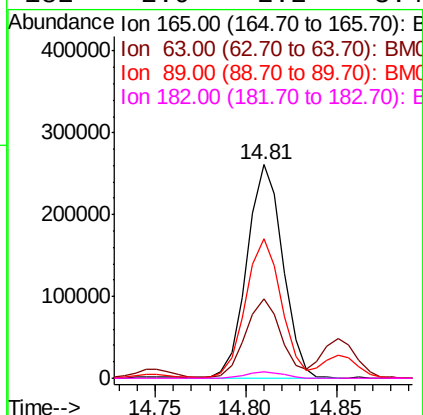
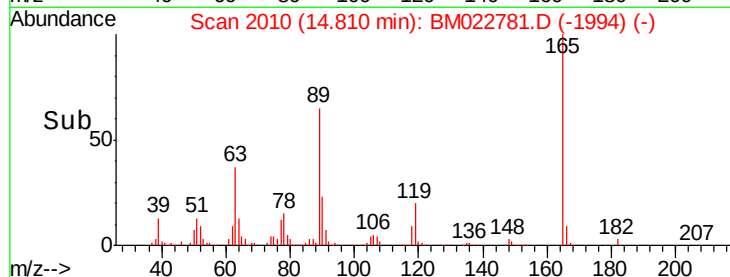
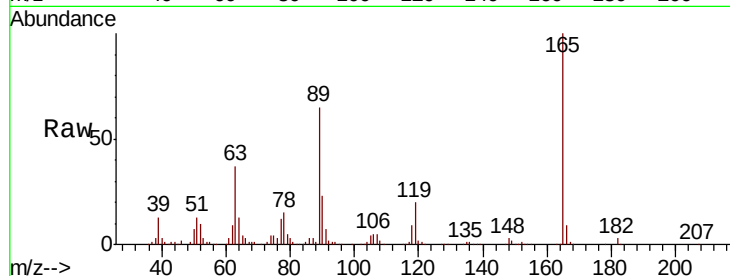




#57  
 2,4-Dinitrotoluene  
 Concen: 37.560 ng  
 RT: 14.81 min Scan# 2010  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

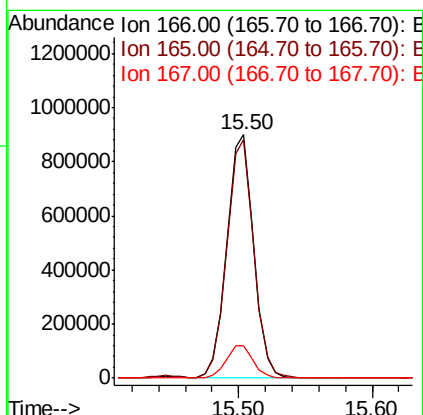
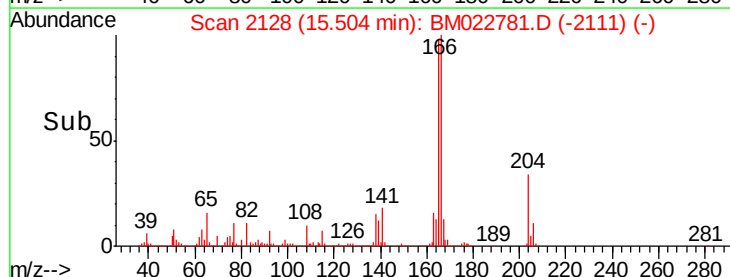
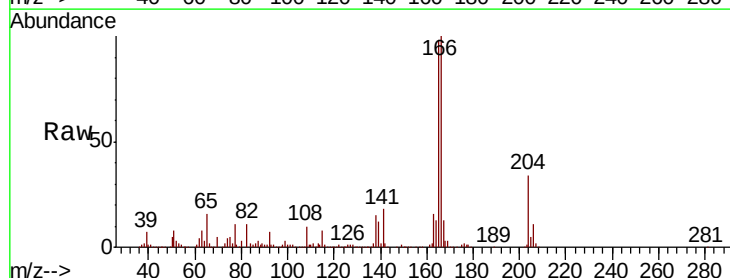
Instrument :  
 BNA\_M  
 ClientSampleId :

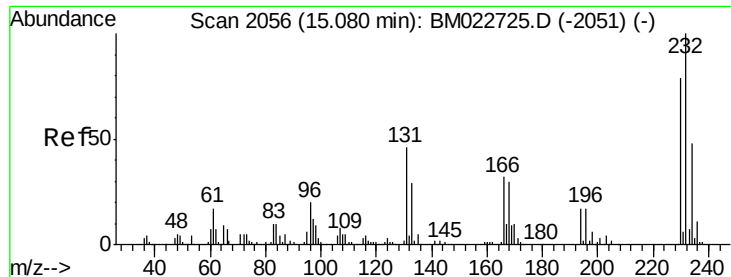
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 355592 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 36.9  | 30.1  | 45.1   |
| 89       | 65.3  | 52.5  | 78.7   |
| 182      | 2.9   | 2.2   | 3.4    |



#58  
 Fluorene  
 Concen: 37.255 ng  
 RT: 15.50 min Scan# 2128  
 Delta R.T. -0.00 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 166   | Resp: | 1262711 |
| Ion      | Ratio | Lower | Upper   |
| 166      | 100   |       |         |
| 165      | 97.7  | 77.6  | 116.4   |
| 167      | 13.4  | 10.8  | 16.2    |

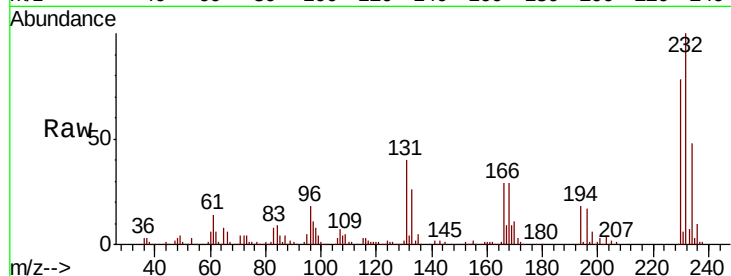




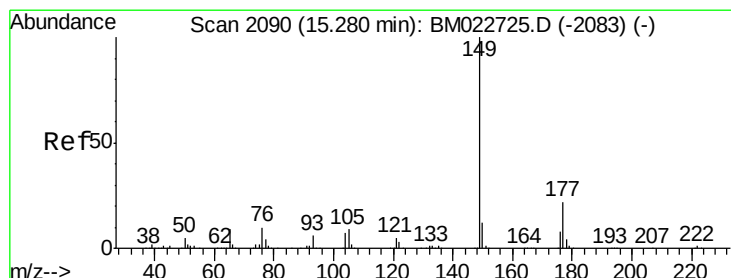
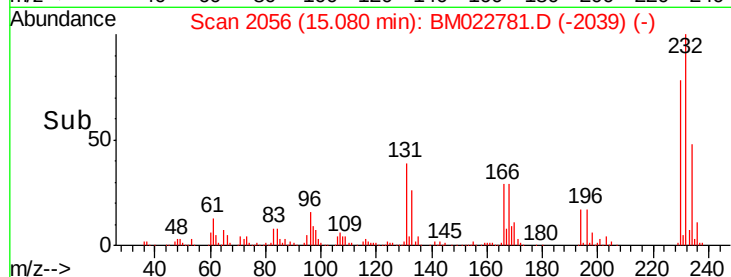
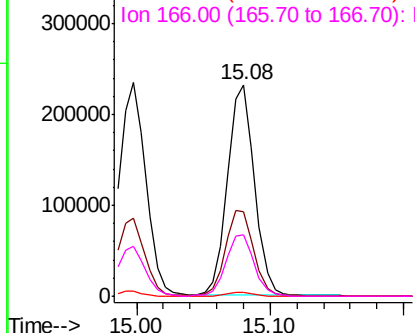
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.681 ng  
 RT: 15.08 min Scan# 2056  
 Delta R.T. -0.00 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Instrument :  
 BNA\_M  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 328662 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.2  | 36.3  | 54.5   |
| 130      | 2.3   | 1.8   | 2.8    |
| 166      | 30.2  | 25.0  | 37.4   |

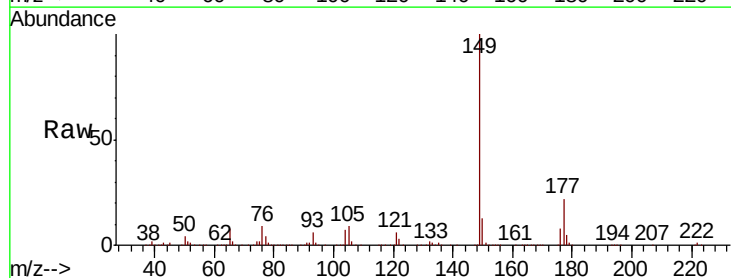


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

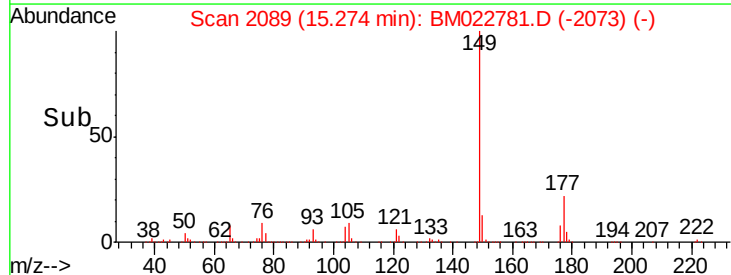
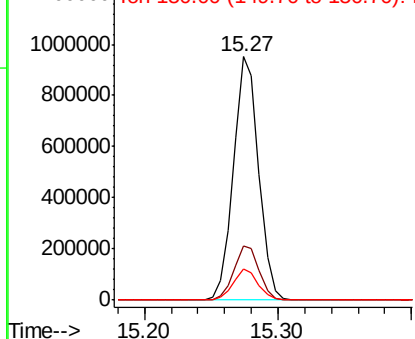


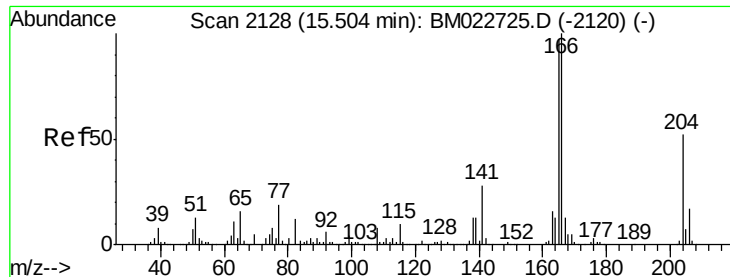
#60  
 Diethylphthalate  
 Concen: 37.107 ng  
 RT: 15.27 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1246511 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.2  | 17.6  | 26.4    |
| 150      | 12.6  | 9.9   | 14.9    |



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

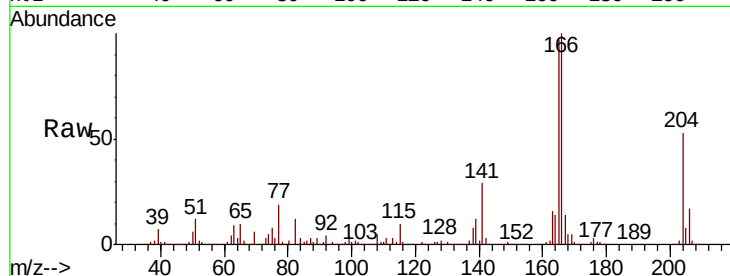




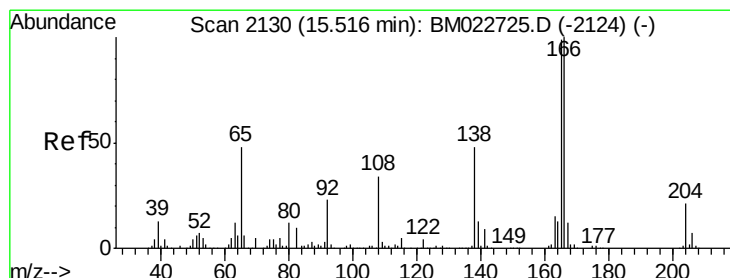
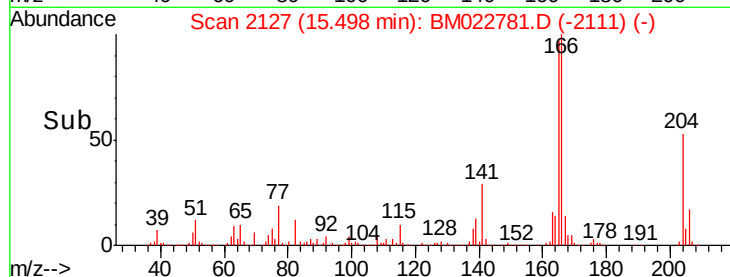
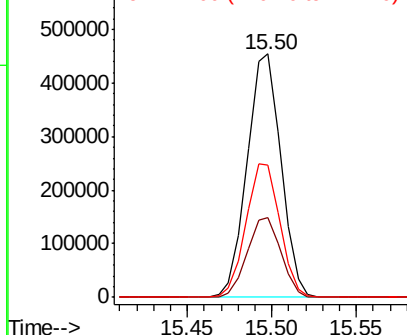
#61  
 4-Chlorophenyl-phenylether  
 Concen: 36.512 ng  
 RT: 15.50 min Scan# 2127  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:204 Resp: 635864  
 Ion Ratio Lower Upper  
 204 100  
 206 32.7 26.2 39.4  
 141 54.2 42.6 64.0

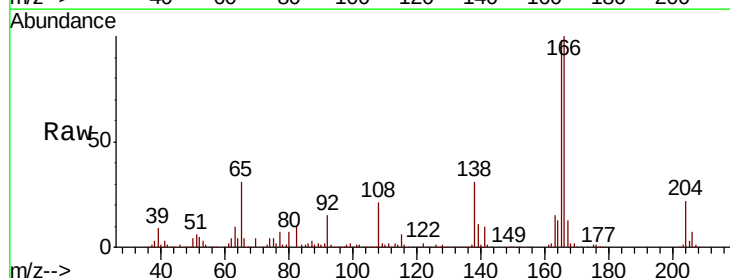


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

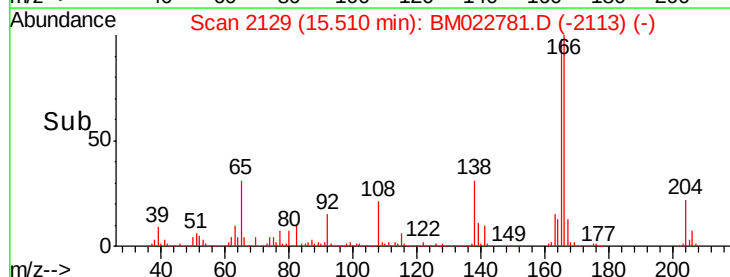
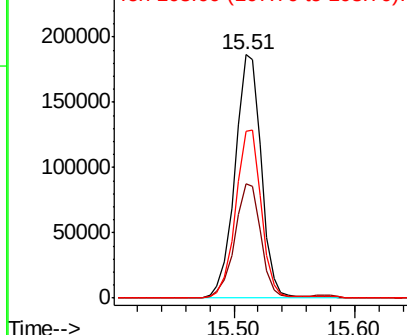


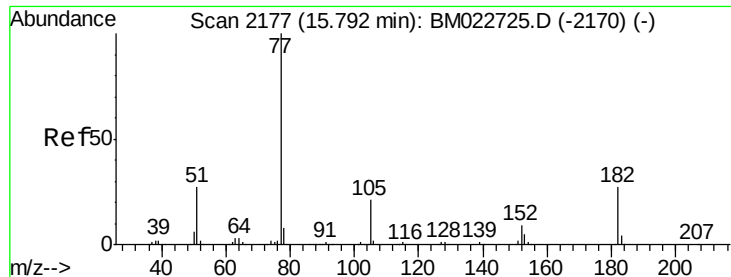
#62  
 4-Nitroaniline  
 Concen: 32.537 ng  
 RT: 15.51 min Scan# 2129  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Tgt Ion:138 Resp: 283795  
 Ion Ratio Lower Upper  
 138 100  
 92 46.9 28.7 68.7  
 108 68.7 50.3 90.3



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

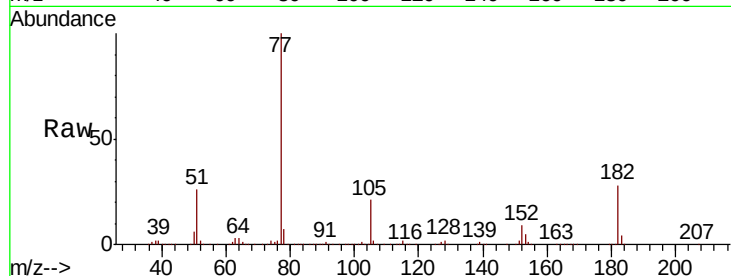




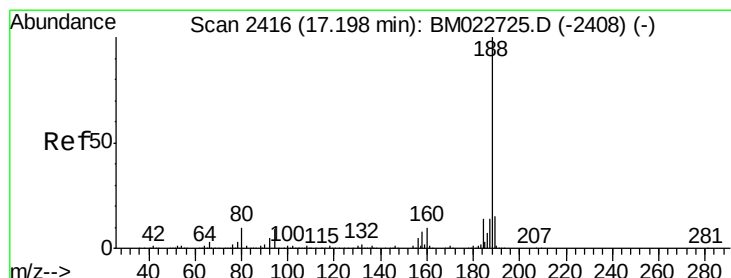
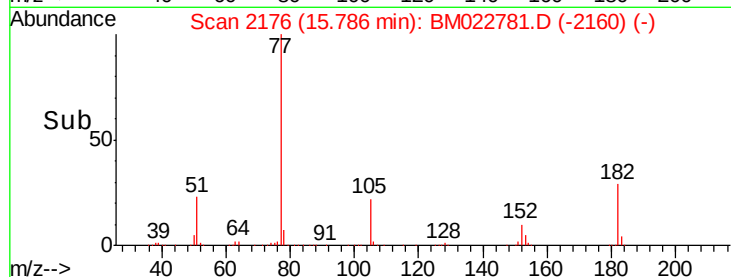
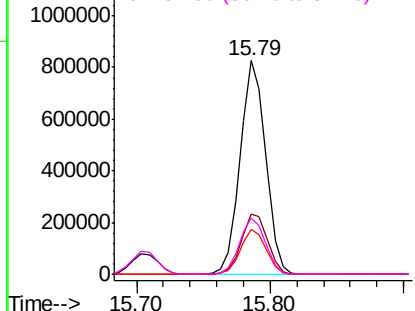
#63  
Azobenzene  
Concen: 35.754 ng  
RT: 15.79 min Scan# 2176  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 77 Resp: 1084622  
Ion Ratio Lower Upper  
77 100  
182 28.0 7.0 47.0  
105 21.2 0.9 40.9  
51 26.2 6.6 46.6

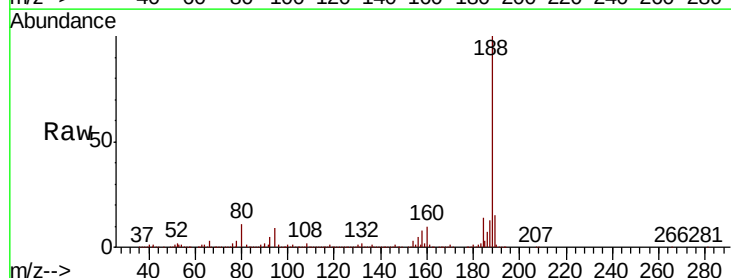


Abundance Ion 77.00 (76.70 to 77.70): BM0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BM0

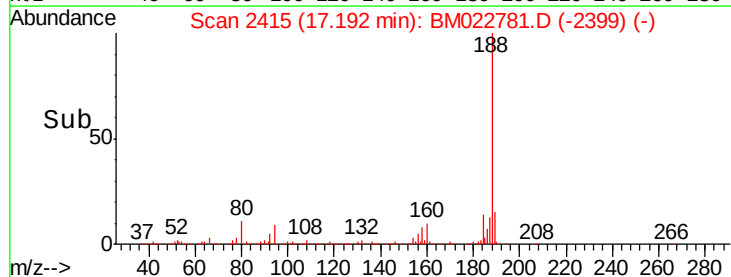
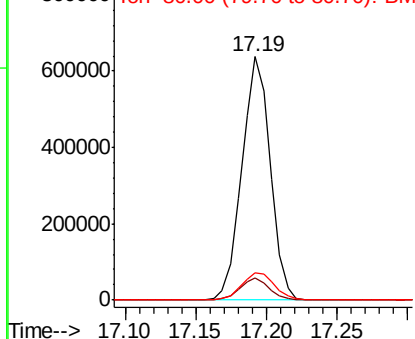


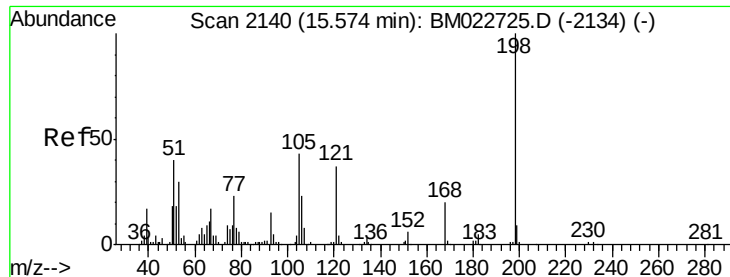
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.19 min Scan# 2415  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Tgt Ion: 188 Resp: 893833  
Ion Ratio Lower Upper  
188 100  
94 8.9 7.3 10.9  
80 11.0 7.8 11.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 28.864 ng

RT: 15.57 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

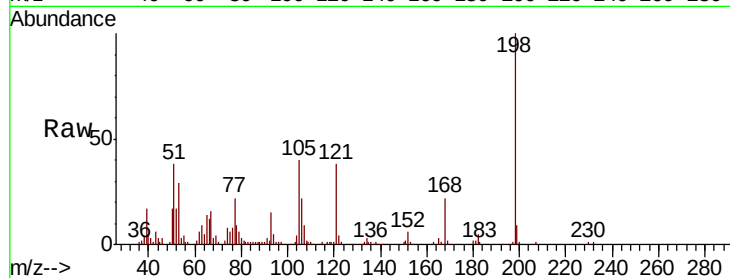
Instrument :

BNA\_M

ClientSampled :

Tot Ion:198 Resp: 115829

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 37.5  | 21.0  | 61.0  |
| 105 | 40.3  | 22.5  | 62.5  |

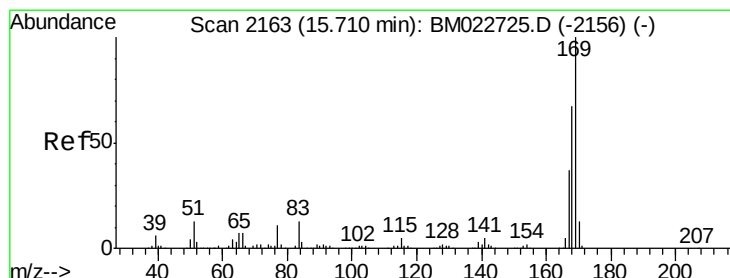
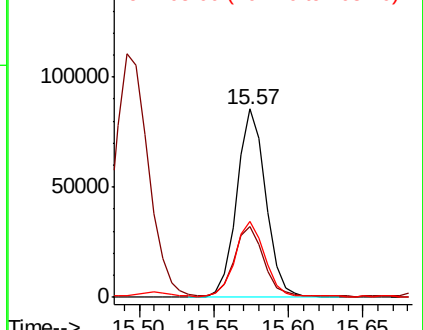
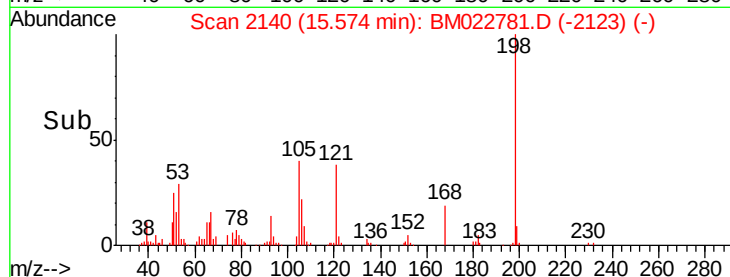


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.284 ng

RT: 15.71 min Scan# 2163

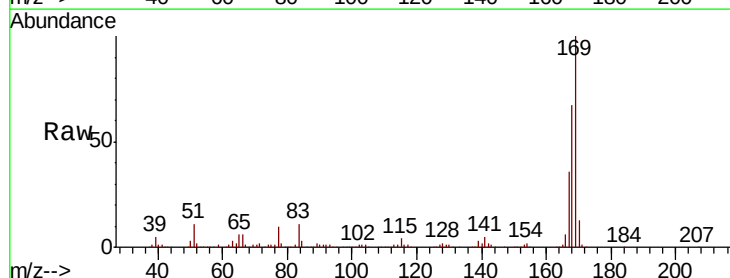
Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:169 Resp: 1072704

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 66.7  | 53.4  | 80.2  |
| 167 | 36.0  | 29.3  | 43.9  |

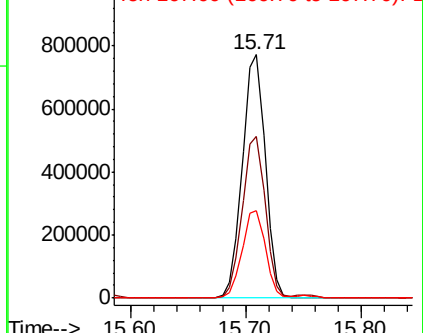
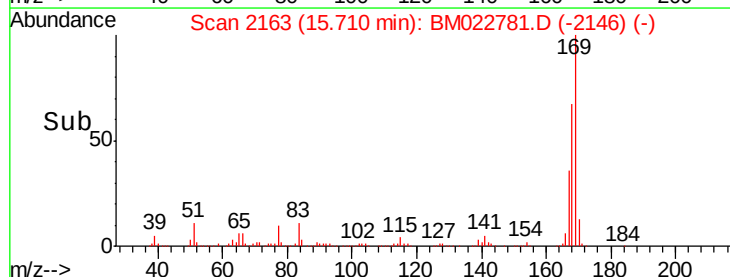


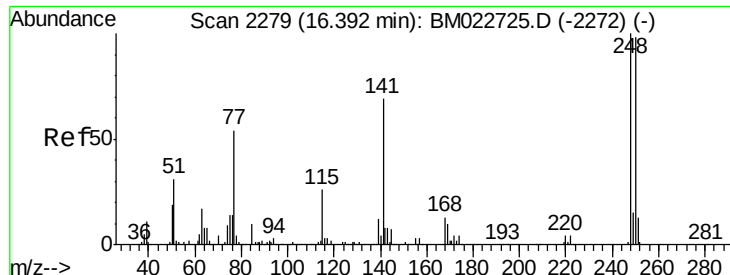
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

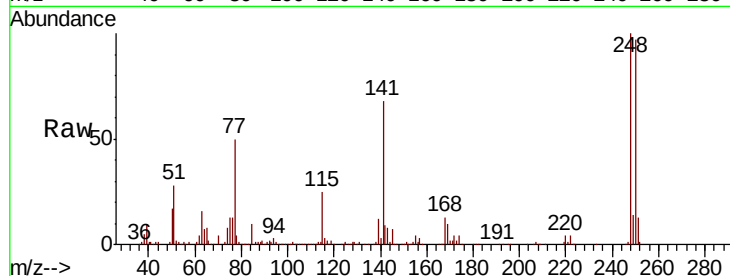




#67  
 4-Bromophenyl-phenylether  
 Concen: 39.029 ng  
 RT: 16.39 min Scan# 2278  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.3  | 78.4  | 117.6 |
| 141     | 67.7  | 55.1  | 82.7  |

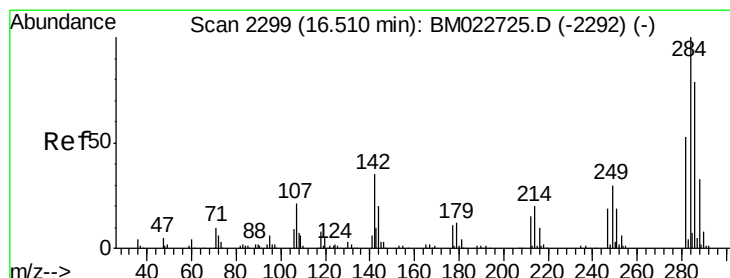
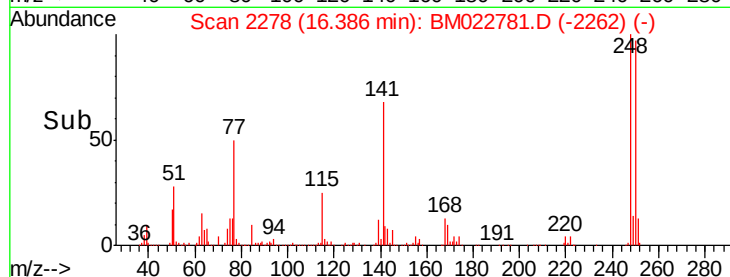
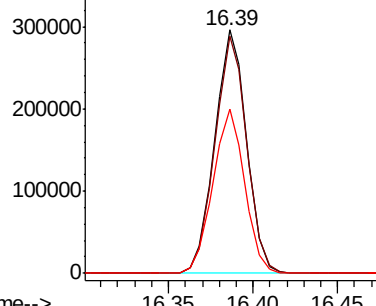


Abundance

Ion 248.00 (247.70 to 248.70): E

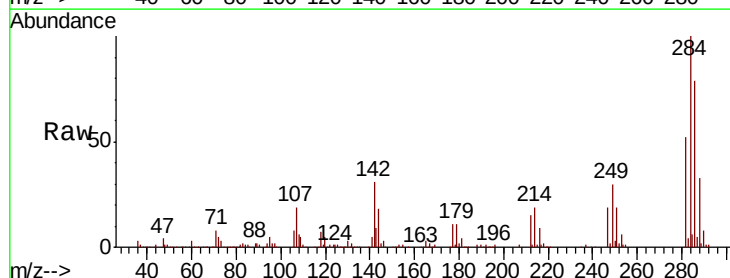
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 36.318 ng  
 RT: 16.51 min Scan# 2299  
 Delta R.T. -0.00 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.8  | 27.8  | 41.8  |
| 249     | 29.7  | 24.4  | 36.6  |

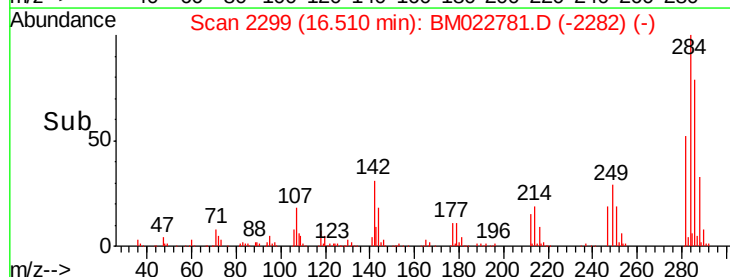
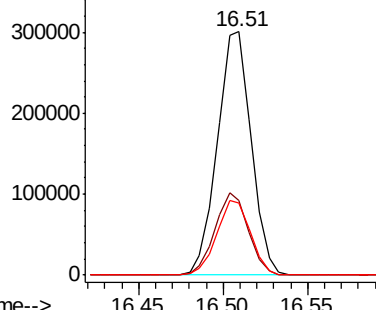


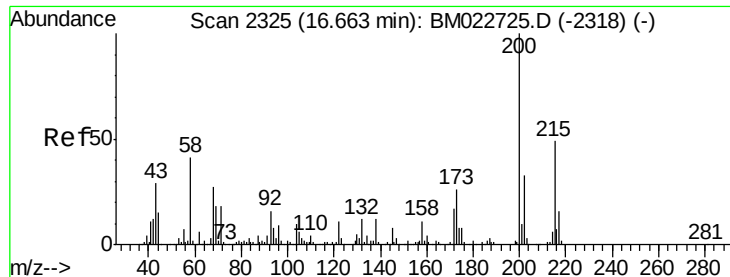
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

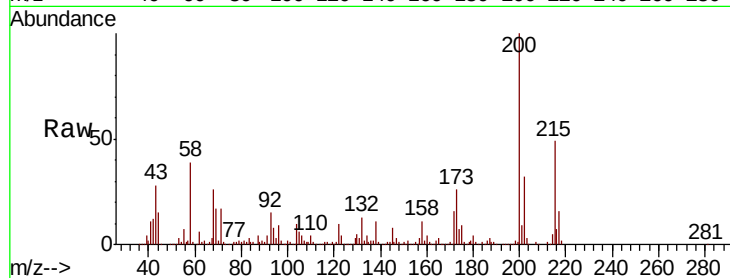




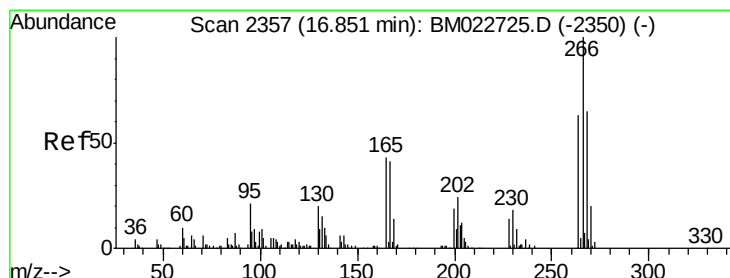
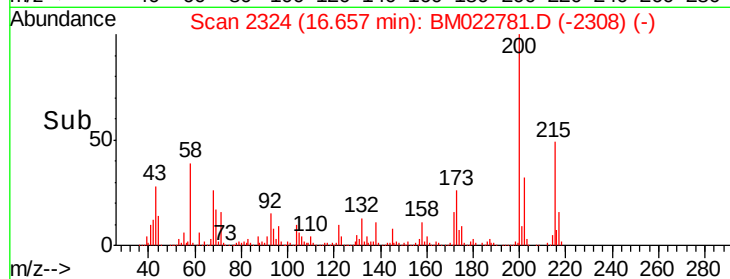
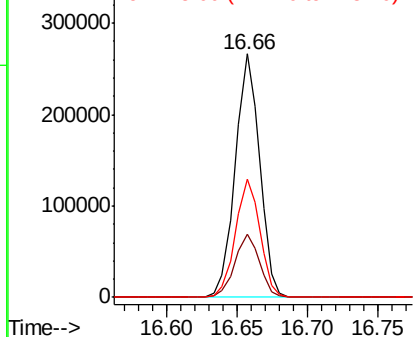
#69  
 Atrazine  
 Concen: 36.124 ng  
 RT: 16.66 min Scan# 2324  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 5.8   | 45.8  |
| 215     | 48.6  | 29.2  | 69.2  |

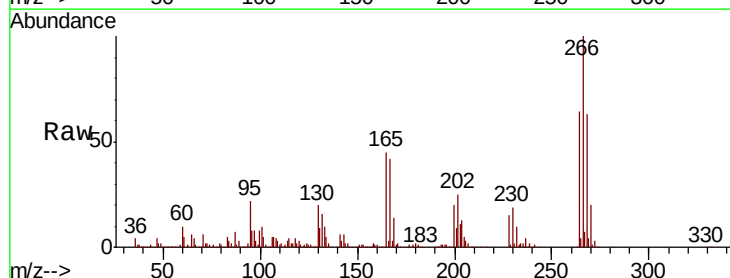


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

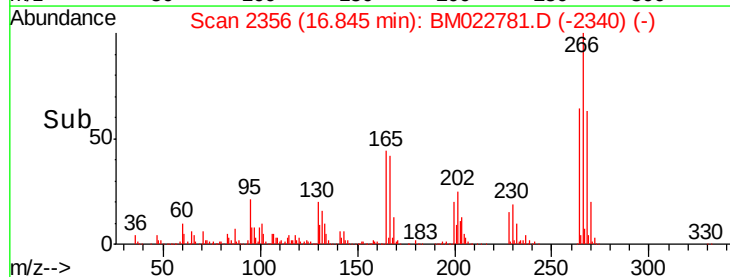
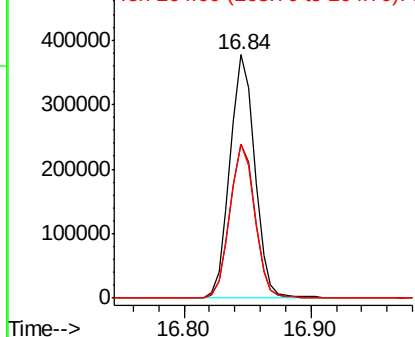


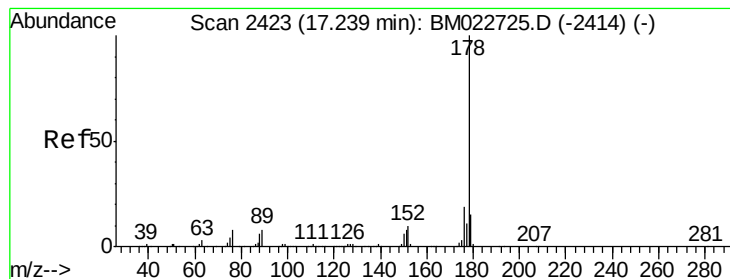
#70  
 Pentachlorophenol  
 Concen: 83.039 ng  
 RT: 16.84 min Scan# 2356  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.5  | 51.8  | 77.6  |
| 264     | 63.5  | 50.2  | 75.4  |



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





#71

Phenanthrene

Concen: 41.064 ng

RT: 17.23 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

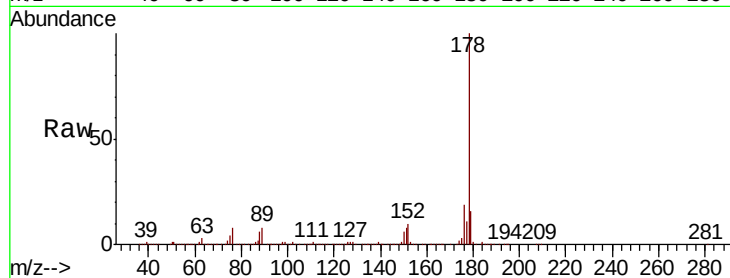
Tot Ion:178 Resp: 2071048

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.2

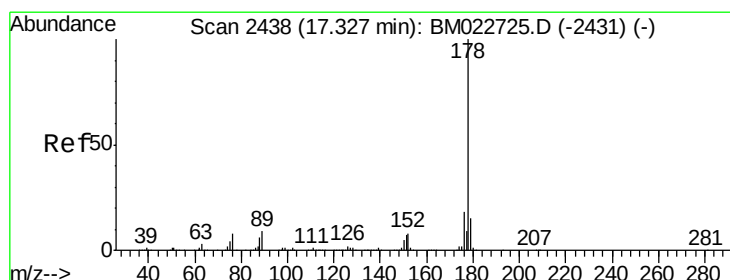
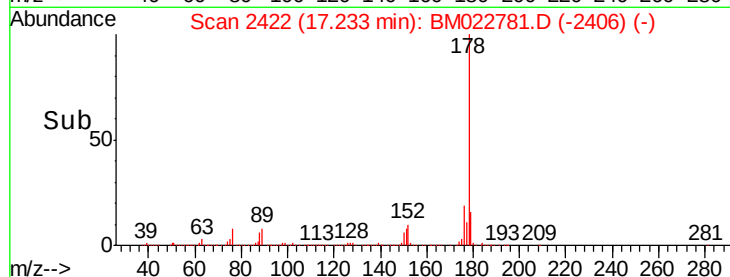
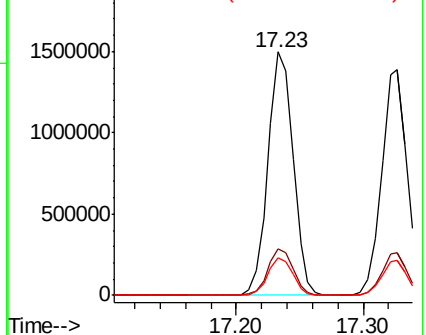
179 15.7 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.072 ng

RT: 17.33 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

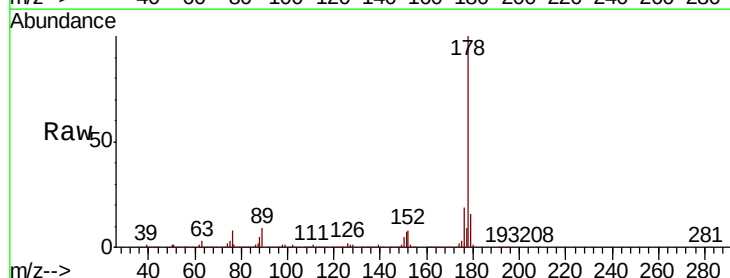
Tgt Ion:178 Resp: 1958713

Ion Ratio Lower Upper

178 100

176 18.8 14.7 22.1

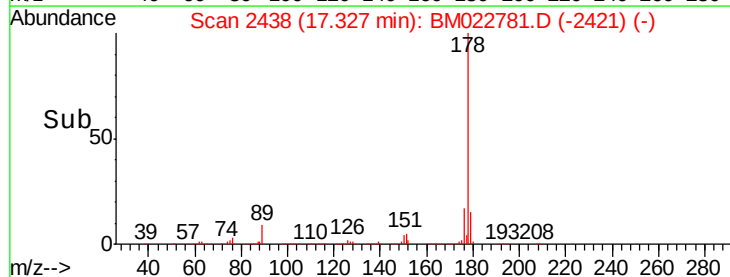
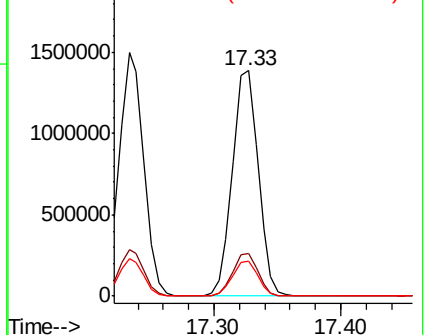
179 15.5 12.2 18.4



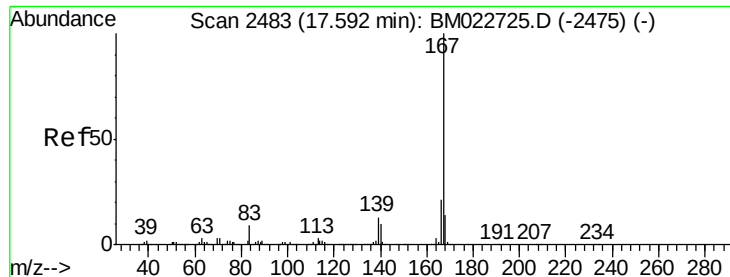
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



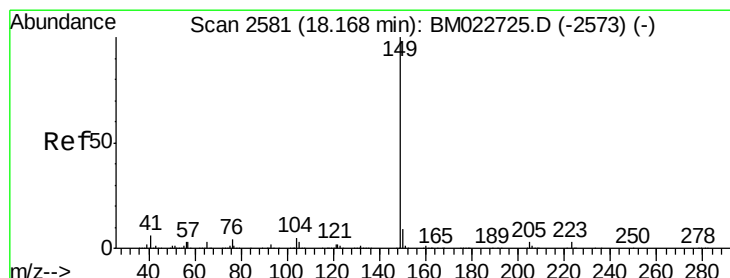
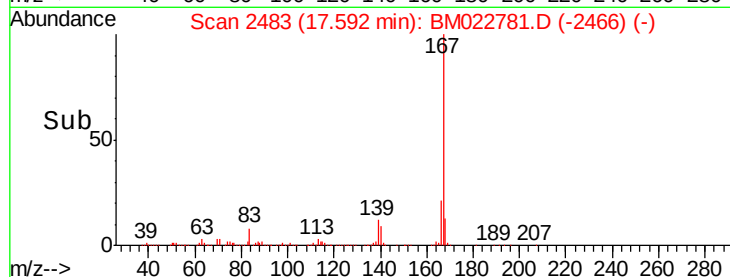
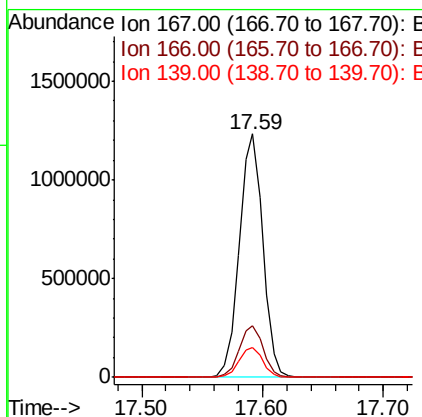
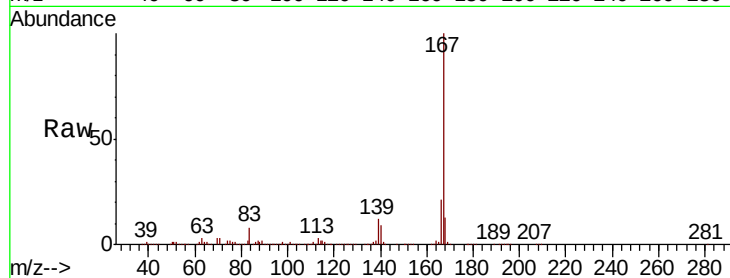




#73  
 Carbazole  
 Concen: 36.861 ng  
 RT: 17.59 min Scan# 2483  
 Delta R.T. -0.00 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

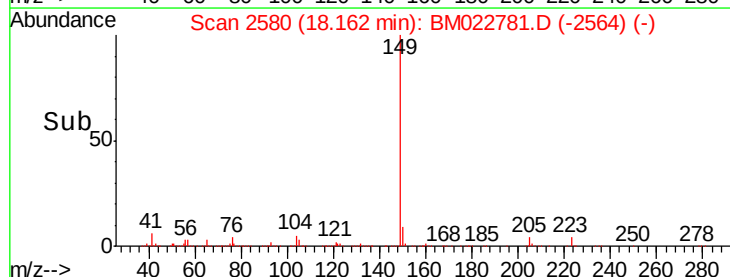
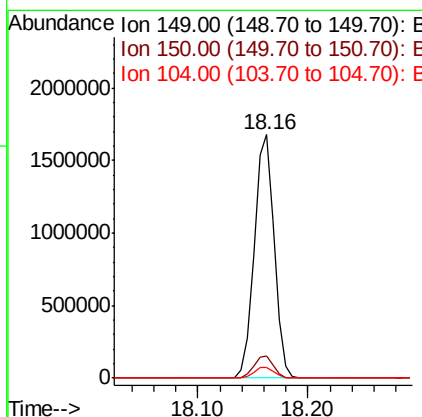
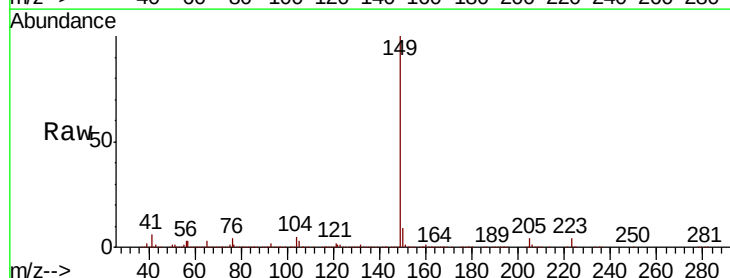
Instrument :  
 BNA\_M  
 ClientSampleId :

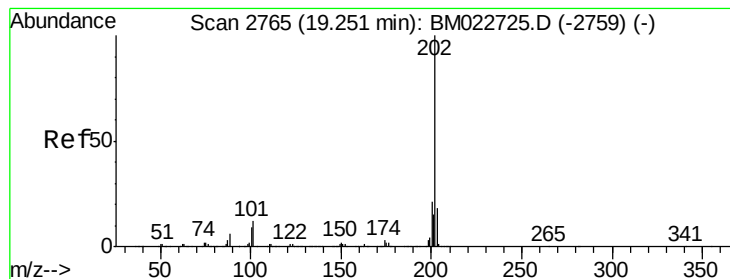
Tot Ion:167 Resp: 1676614  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.0 25.4  
 139 12.4 10.1 15.1



#74  
 Di-n-butylphthalate  
 Concen: 40.849 ng  
 RT: 18.16 min Scan# 2580  
 Delta R.T. -0.01 min  
 Lab File: BM022781.D  
 Acq: 25 Sep 2019 20:57

Tgt Ion:149 Resp: 2106781  
 Ion Ratio Lower Upper  
 149 100  
 150 9.0 7.3 10.9  
 104 4.6 3.8 5.6





#75

Fluoranthene

Concen: 42.569 ng

RT: 19.25 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampled :

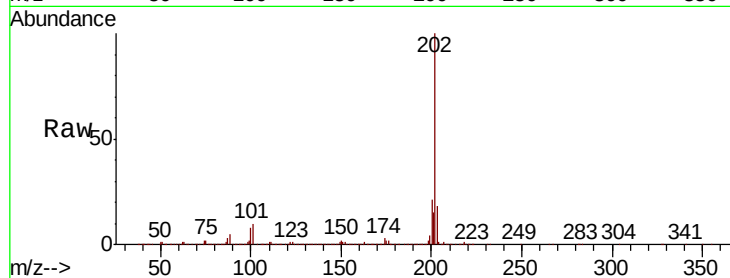
Tot Ion:202 Resp: 2422730

Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.1

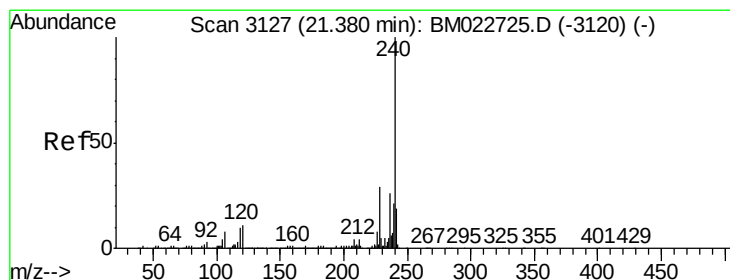
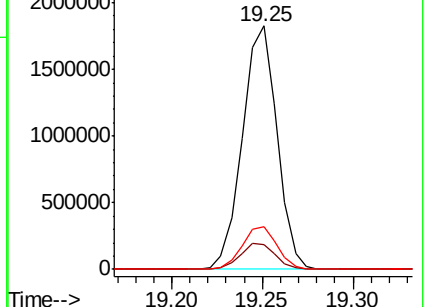
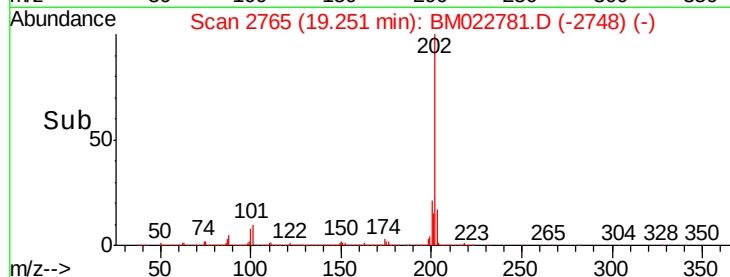
203 17.6 0.0 37.7



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: 21.37 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

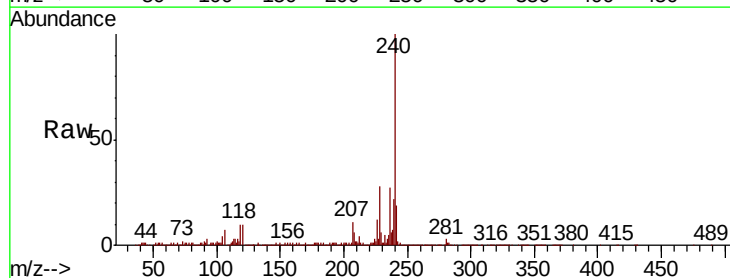
Tgt Ion:240 Resp: 926533

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

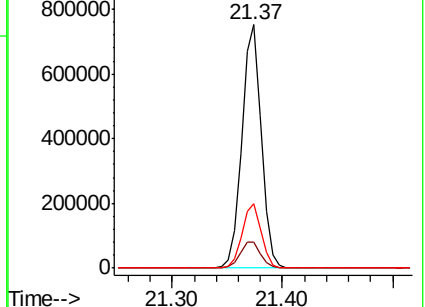
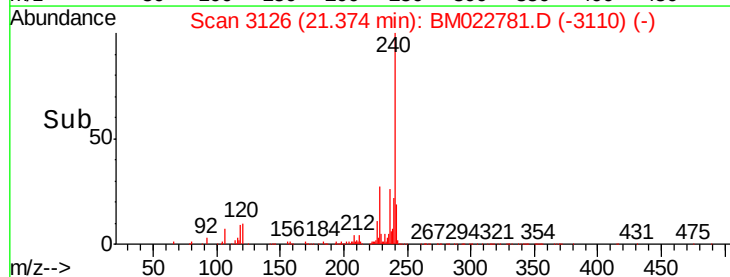
236 26.5 20.8 31.2

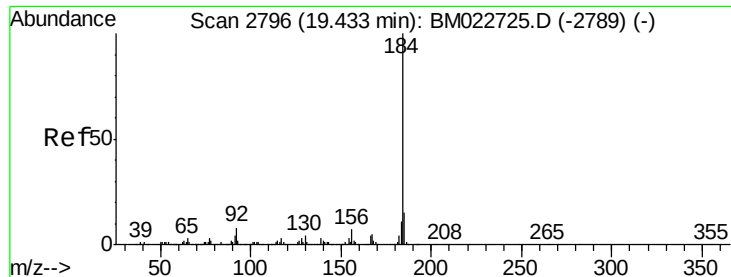


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 49.107 ng

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

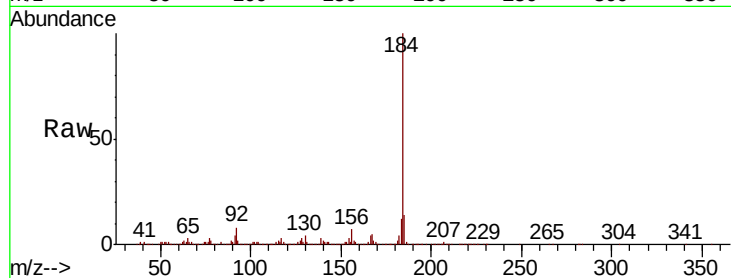
Tot Ion:184 Resp: 1248194

Ion Ratio Lower Upper

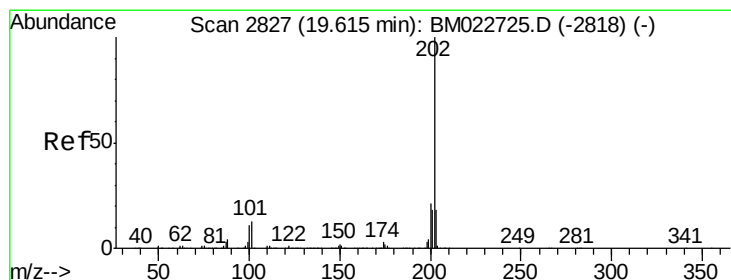
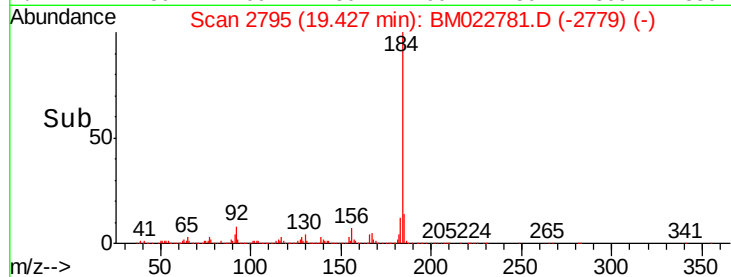
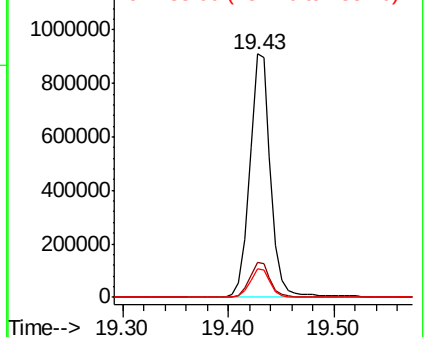
184 100

185 14.3 11.6 17.4

183 11.6 9.1 13.7



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: 44.739 ng

RT: 19.61 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

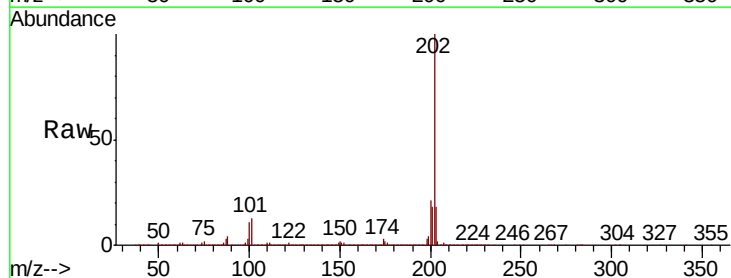
Tgt Ion:202 Resp: 2716572

Ion Ratio Lower Upper

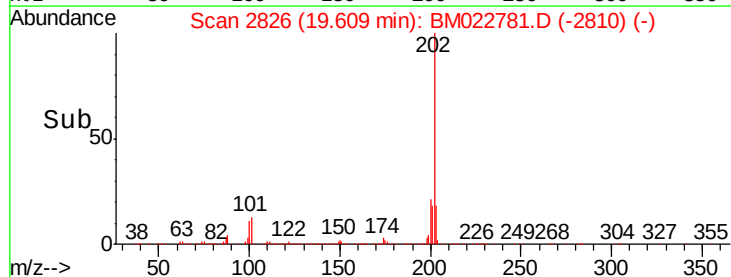
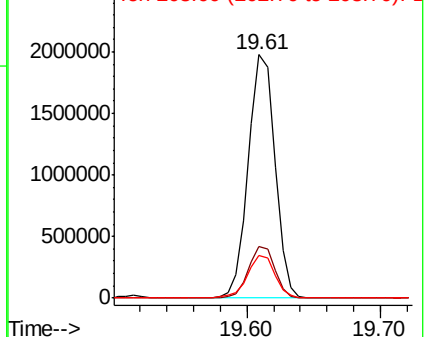
202 100

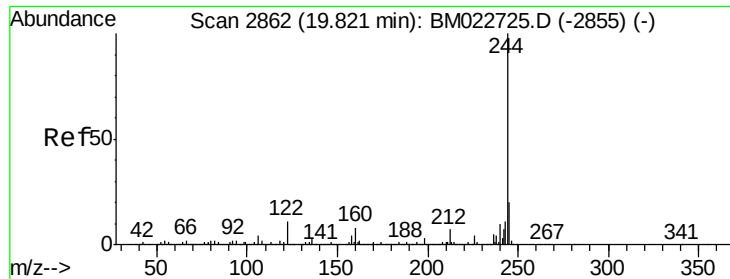
200 21.3 16.7 25.1

203 17.8 14.1 21.1



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: 65.555 ng

RT: 19.82 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

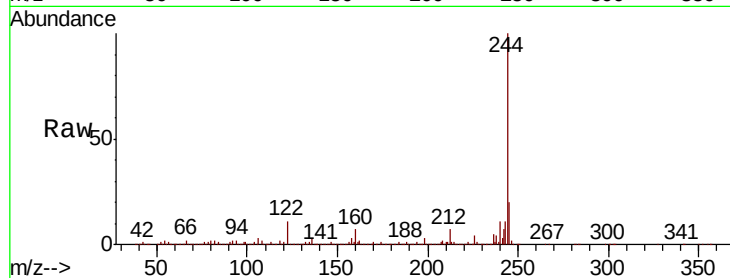
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:244 Resp: 3136726

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.4   | 5.9   | 8.9   |
| 122 | 10.8  | 9.0   | 13.4  |

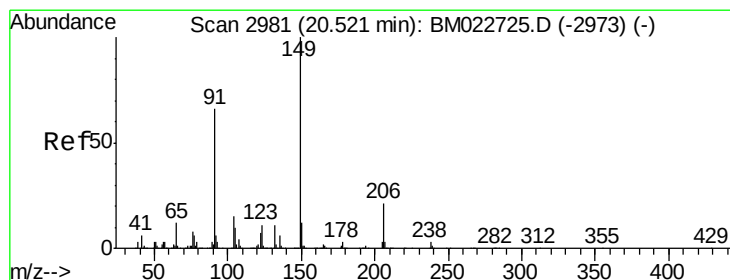
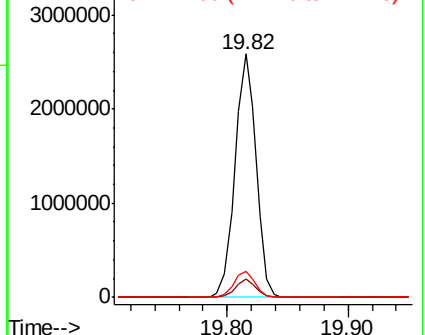
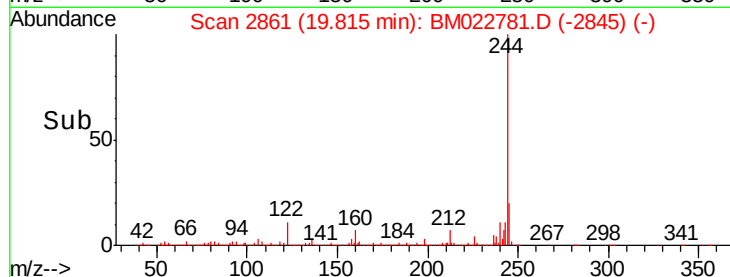


Abundance

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: 40.480 ng

RT: 20.51 min Scan# 2979

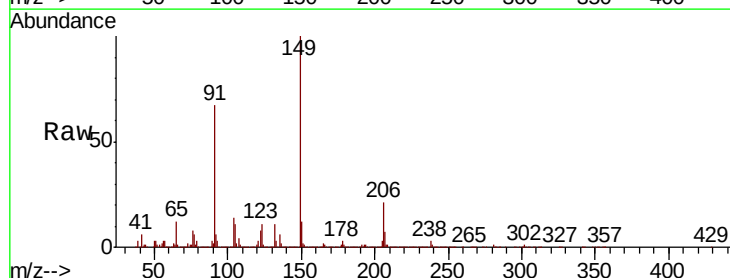
Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Tgt Ion:149 Resp: 934153

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 67.4  | 53.0  | 79.4  |
| 206 | 21.4  | 16.9  | 25.3  |

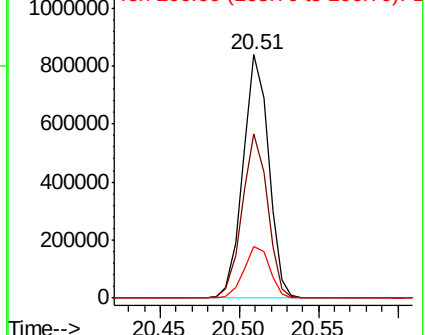
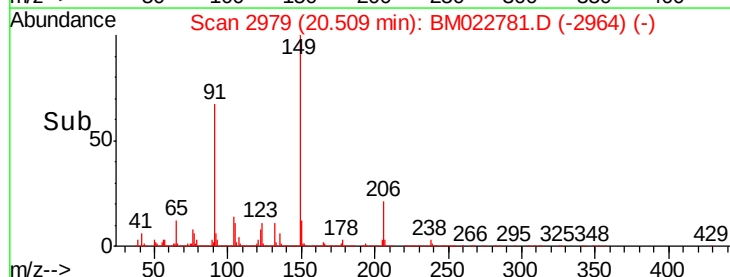


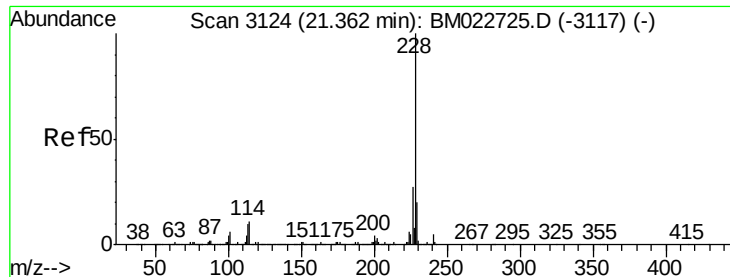
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.835 ng

RT: 21.36 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

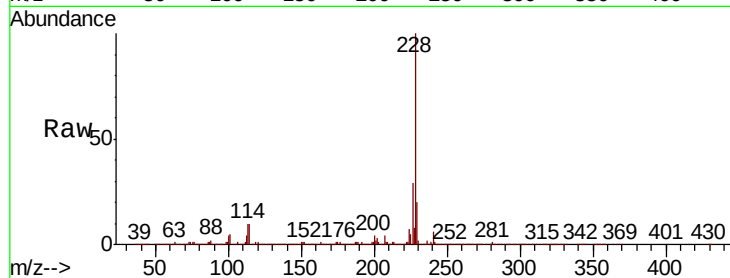
Tot Ion:228 Resp: 2512184

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.0  | 22.0  | 33.0  |
| 229 | 20.0  | 15.9  | 23.9  |

228 100

226 29.0 22.0 33.0

229 20.0 15.9 23.9

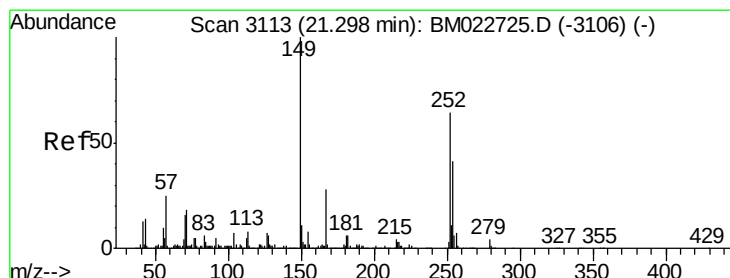
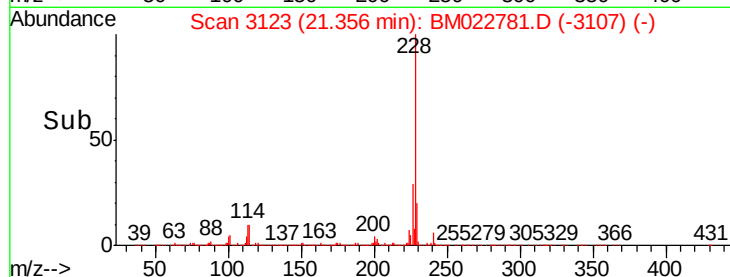
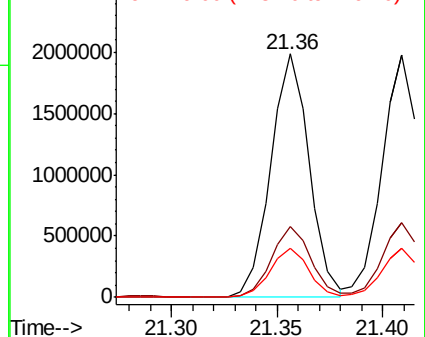


Abundance

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: 38.712 ng

RT: 21.29 min Scan# 3111

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

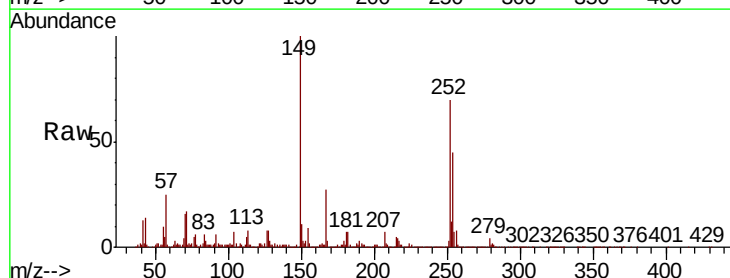
Tgt Ion:252 Resp: 824394

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.6  | 51.7  | 77.5  |
| 126 | 11.3  | 8.3   | 12.5  |

252 100

254 64.6 51.7 77.5

126 11.3 8.3 12.5

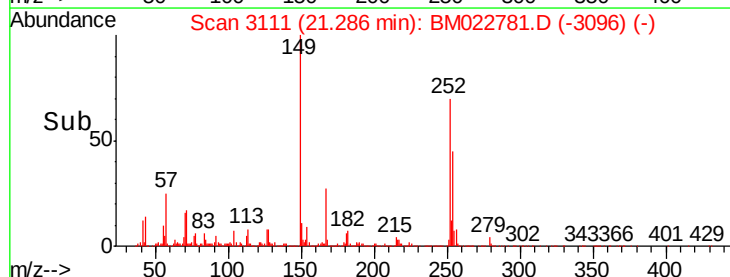
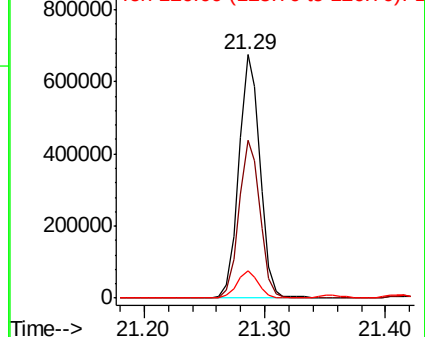


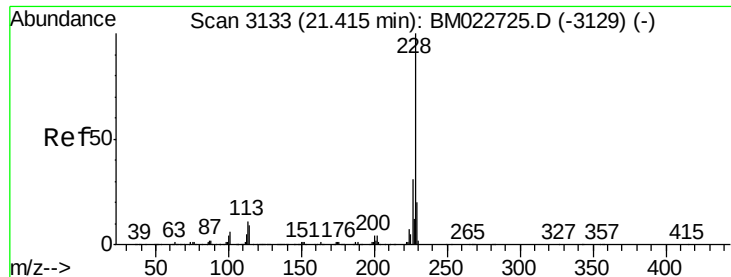
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.471 ng

RT: 21.41 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

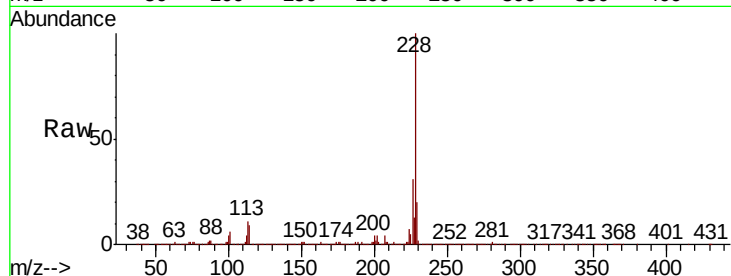
Tot Ion:228 Resp: 2414324

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

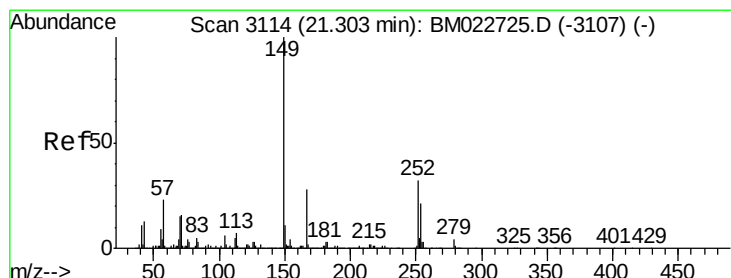
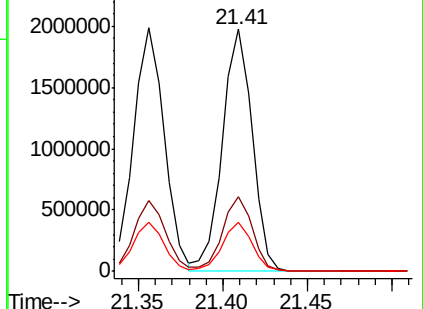
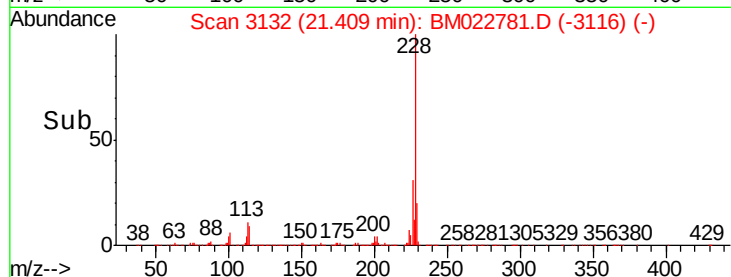
229 20.1 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.067 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

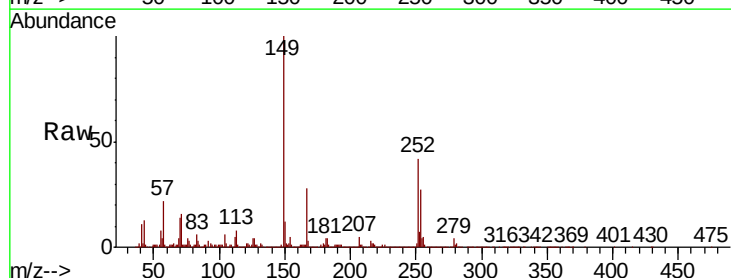
Tgt Ion:149 Resp: 1438363

Ion Ratio Lower Upper

149 100

167 27.9 22.1 33.1

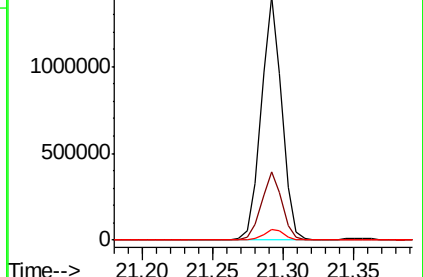
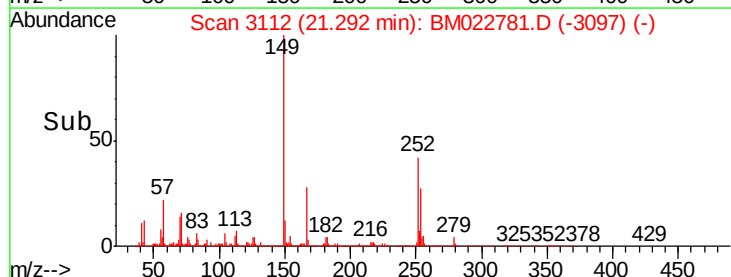
279 4.3 3.4 5.0

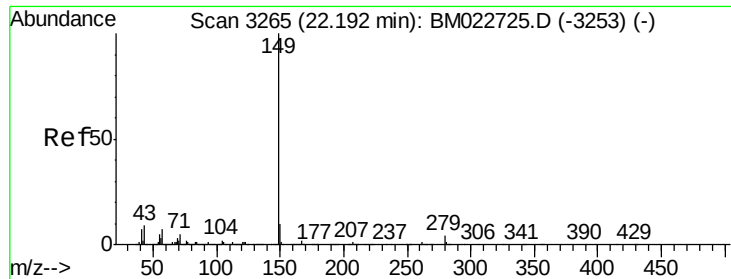


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.415 ng

RT: 22.18 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampled :

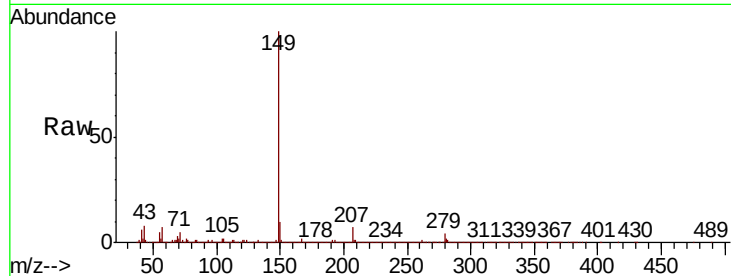
Tot Ion:149 Resp: 2474917

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

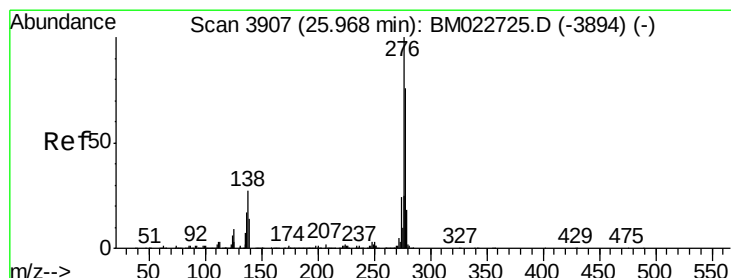
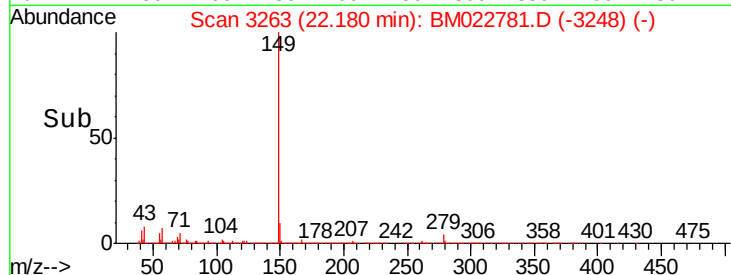
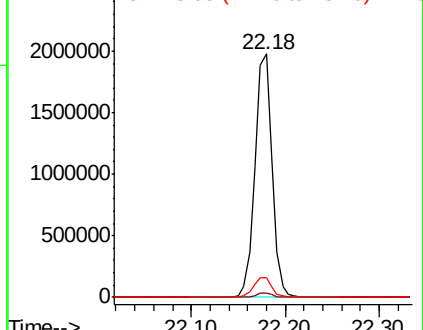
43 8.2 7.4 11.0



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: 43.361 ng

RT: 25.96 min Scan# 3906

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

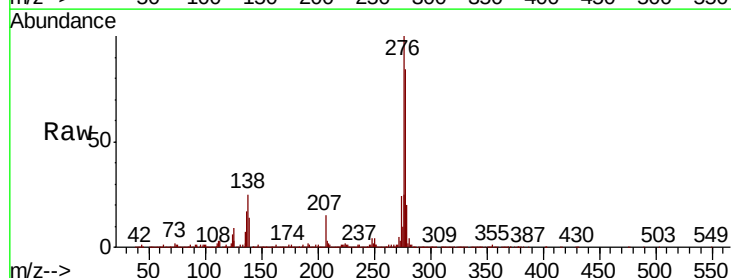
Tgt Ion:276 Resp: 3012967

Ion Ratio Lower Upper

276 100

138 24.6 0.0 0.0#

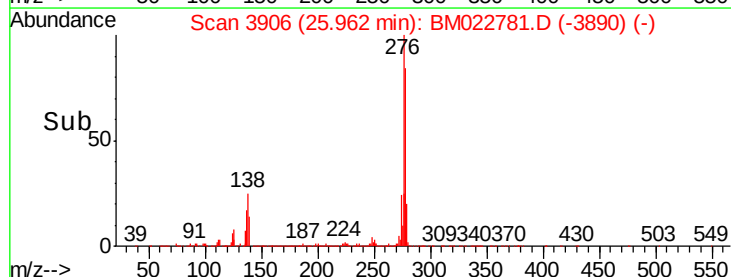
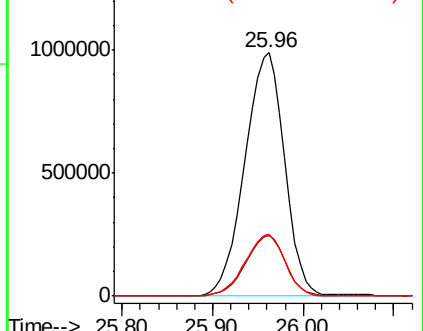
277 24.9 0.0 0.0#

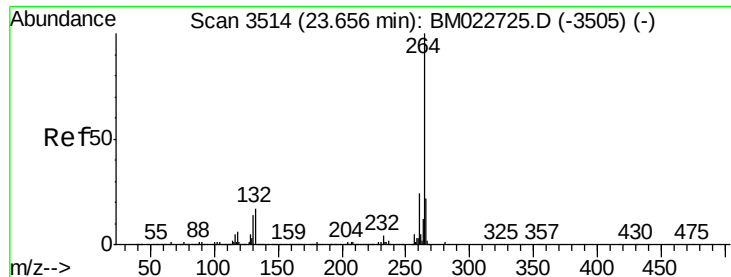


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.64 min Scan# 3512

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

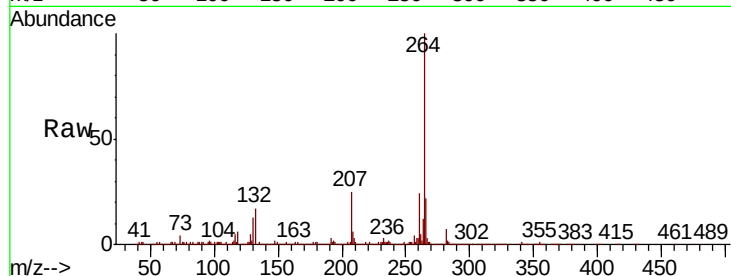
Tot Ion:264 Resp: 1099903

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 22.4 17.9 26.9

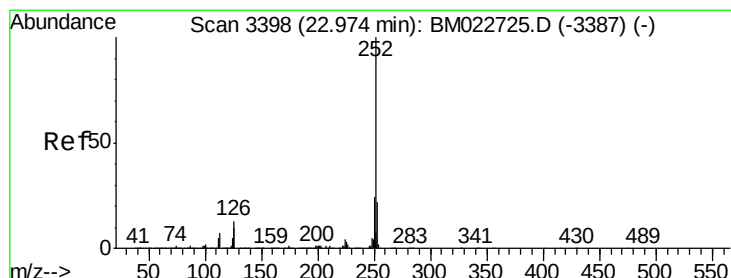
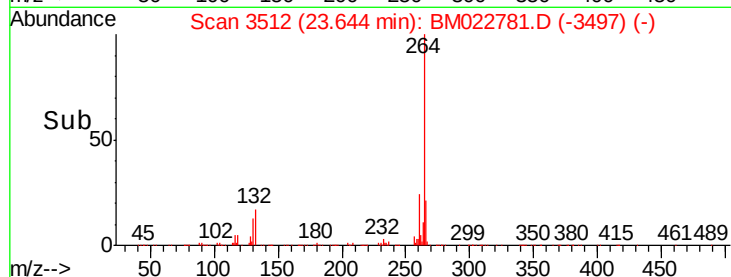
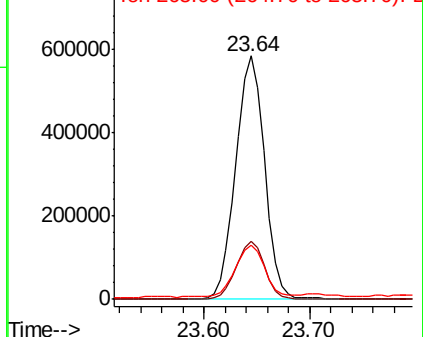


Abundance

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: 40.639 ng

RT: 22.96 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

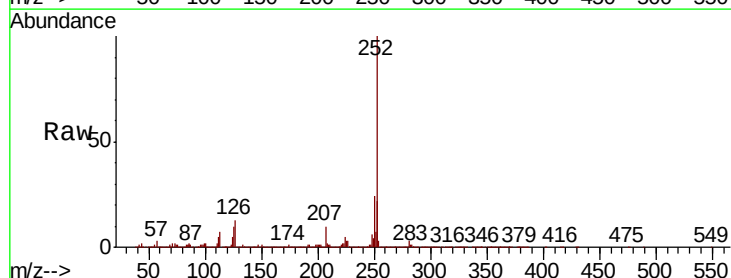
Tgt Ion:252 Resp: 2706398

Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 10.3 8.2 12.4

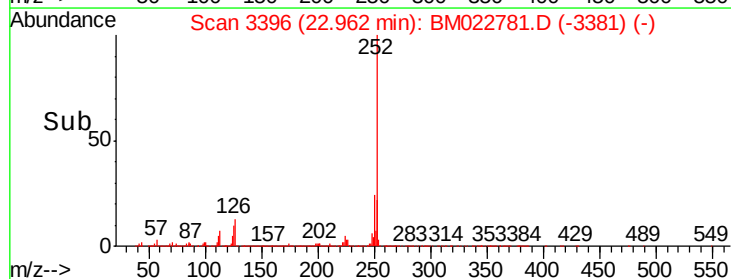
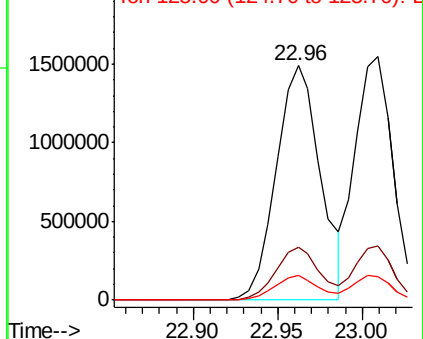


Abundance

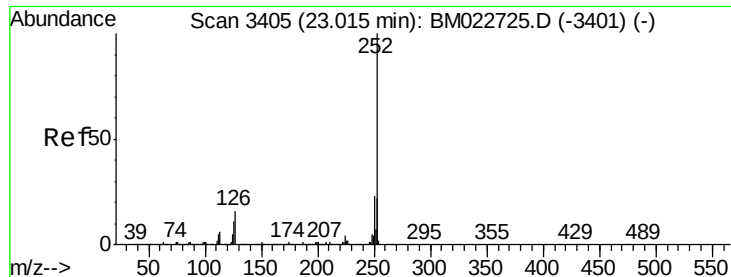
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 36.471 ng

RT: 23.01 min Scan# 3404

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

Instrument :

BNA\_M

ClientSampleId :

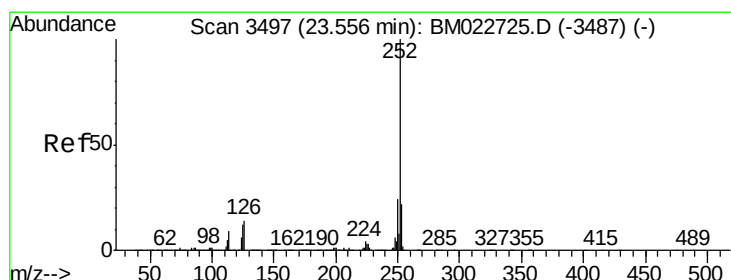
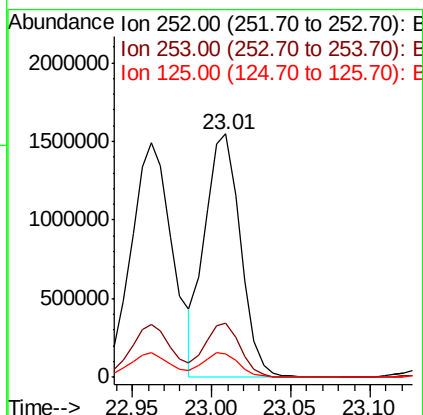
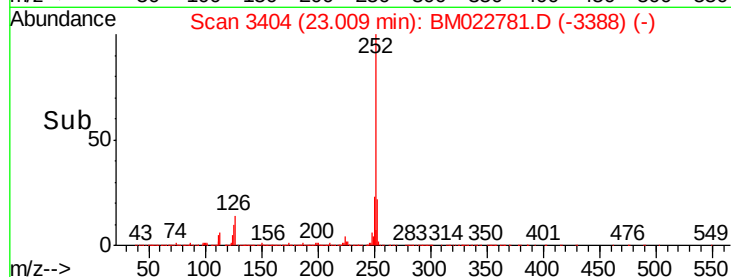
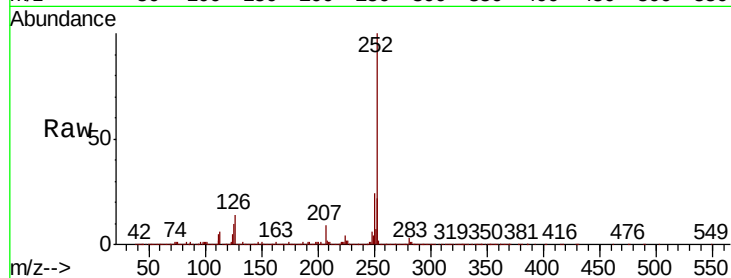
Tot Ion:252 Resp: 2409949

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 9.7 8.5 12.7



#90

Benzo(a)pyrene

Concen: 42.308 ng

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM022781.D

Acq: 25 Sep 2019 20:57

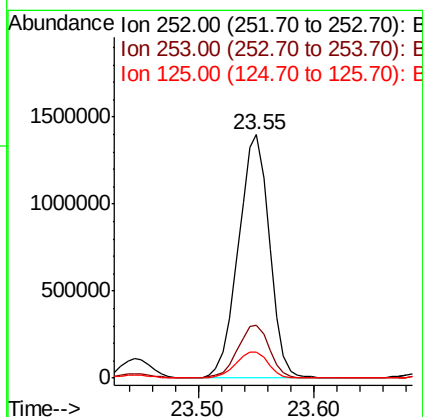
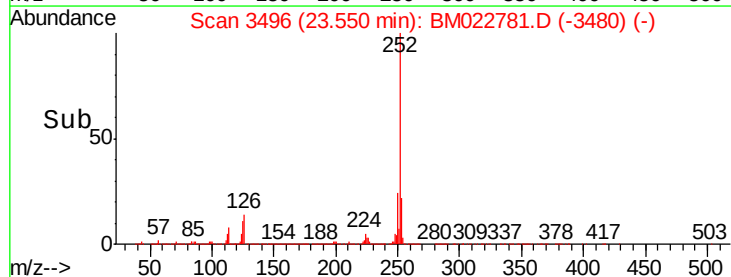
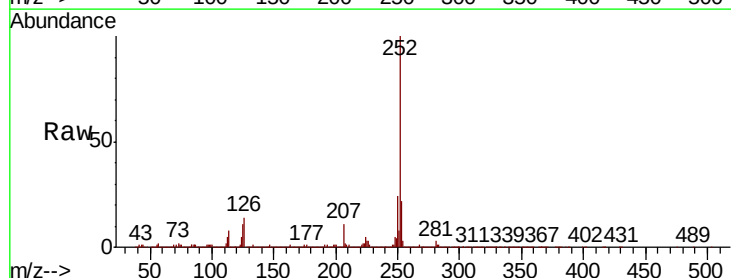
Tgt Ion:252 Resp: 2596267

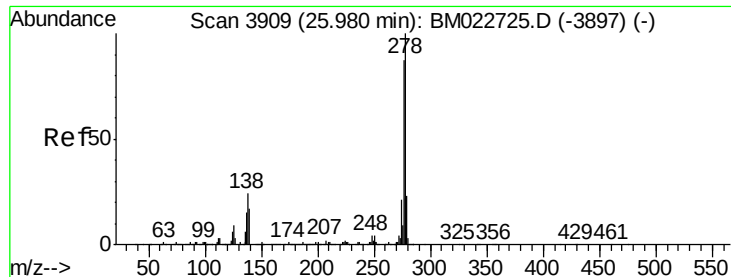
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.9 9.3 13.9

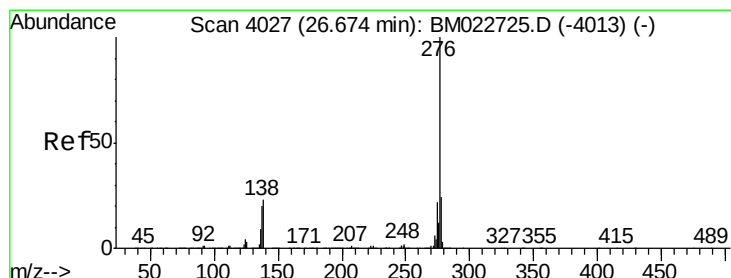
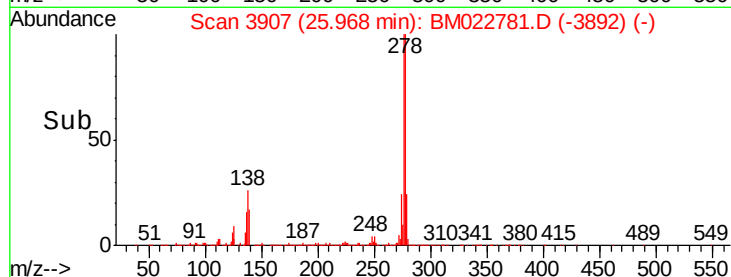
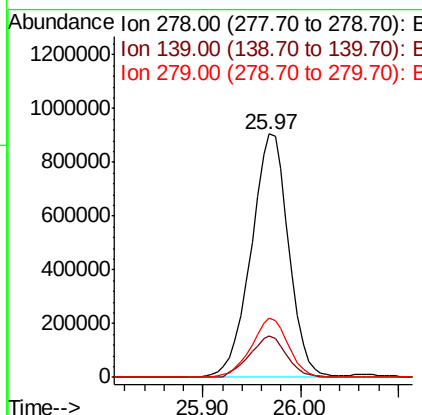
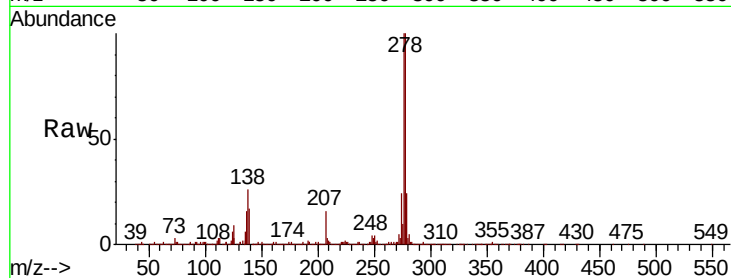




#91  
Dibenzo(a,h)anthracene  
Concen: 37.591 ng  
RT: 25.97 min Scan# 3907  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 2412892  
Ion Ratio Lower Upper  
278 100  
139 16.8 13.7 20.5  
279 24.4 18.6 28.0



#92  
Benzo(g,h,i)perylene  
Concen: 41.485 ng  
RT: 26.67 min Scan# 4026  
Delta R.T. -0.01 min  
Lab File: BM022781.D  
Acq: 25 Sep 2019 20:57

Tgt Ion:276 Resp: 2529190  
Ion Ratio Lower Upper  
276 100  
277 23.9 19.1 28.7  
138 21.5 18.5 27.7

