

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092019\  
 Data File : BM022727.D  
 Acq On : 20 Sep 2019 14:32  
 Operator : HP/JU  
 Sample : SSTDICC060  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 20 15:32:35 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 15:22:36 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.83  | 152  | 187596   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.62 | 136  | 744582   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.46 | 164  | 422880   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.20 | 188  | 819795   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.37 | 240  | 829569   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.65 | 264  | 880347   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.41  | 112  | 1417220  | 134.62 | ng    | 0.00     |
| 7) Phenol-d6                | 6.99  | 99   | 1812459  | 129.28 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.98  | 82   | 1594538  | 104.16 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.94 | 330  | 646167   | 94.40  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.09 | 172  | 3655981  | 107.98 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.82 | 244  | 5099583  | 89.57  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.32  | 88   | 284157   | 64.423 | ng    | # 100  |
| 3) Pyridine                    | 3.72  | 79   | 712954   | 63.803 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.63  | 42   | 279812   | 41.797 | ng    | 98     |
| 6) Aniline                     | 7.16  | 93   | 1088006  | 57.967 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.39  | 128  | 720585   | 57.488 | ng    | 100    |
| 9) Benzaldehyde                | 6.97  | 77   | 485549   | 54.655 | ng    | 99     |
| 10) Phenol                     | 7.02  | 94   | 849014   | 57.204 | ng    | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.25  | 93   | 672453   | 57.275 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.72  | 146  | 856147   | 56.039 | ng    | 100    |
| 13) 1,4-Dichlorobenzene        | 7.86  | 146  | 863433   | 55.669 | ng    | 100    |
| 14) 1,2-Dichlorobenzene        | 8.18  | 146  | 822343   | 54.438 | ng    | 100    |
| 15) Benzyl Alcohol             | 8.06  | 79   | 570464   | 46.291 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.36  | 45   | 957730   | 58.876 | ng    | 100    |
| 17) 2-Methylphenol             | 8.26  | 107  | 569023   | 53.753 | ng    | 100    |
| 18) Hexachloroethane           | 8.91  | 117  | 317855   | 47.203 | ng    | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.63  | 70   | 505532   | 45.780 | ng    | 99     |
| 20) 3+4-Methylphenols          | 8.59  | 107  | 761026   | 53.232 | ng    | 98     |
| 22) Acetophenone               | 8.65  | 105  | 1060816  | 55.536 | ng    | # 99   |
| 24) Nitrobenzene               | 9.02  | 77   | 755582   | 48.207 | ng    | 100    |
| 25) Isophorone                 | 9.55  | 82   | 1325708  | 48.796 | ng    | 100    |
| 26) 2-Nitrophenol              | 9.73  | 139  | 343239   | 51.699 | ng    | 100    |
| 27) 2,4-Dimethylphenol         | 9.79  | 122  | 555527   | 55.511 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.03 | 93   | 904495   | 56.274 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 10.26 | 162  | 635740   | 52.644 | ng    | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.49 | 180  | 764937   | 51.424 | ng    | 99     |
| 31) Naphthalene                | 10.67 | 128  | 2171680  | 56.157 | ng    | 100    |
| 32) Benzoic acid               | 9.94  | 122  | 381364   | 44.642 | ng    | 95     |
| 33) 4-Chloroaniline            | 10.77 | 127  | 951650   | 58.802 | ng    | 99     |
| 34) Hexachlorobutadiene        | 10.96 | 225  | 455398   | 35.680 | ng    | 99     |
| 35) Caprolactam                | 11.56 | 113  | 190349   | 58.638 | ng    | 99     |
| 36) 4-Chloro-3-methylphenol    | 11.90 | 107  | 616070   | 48.264 | ng    | 100    |
| 37) 2-Methylnaphthalene        | 12.28 | 142  | 1517359  | 53.681 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.50 | 142  | 1440295  | 53.346 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.65 | 216  | 833489   | 50.353 | ng    | 100    |

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 QLast Update : Fri Sep 20 15:22:36 2019  
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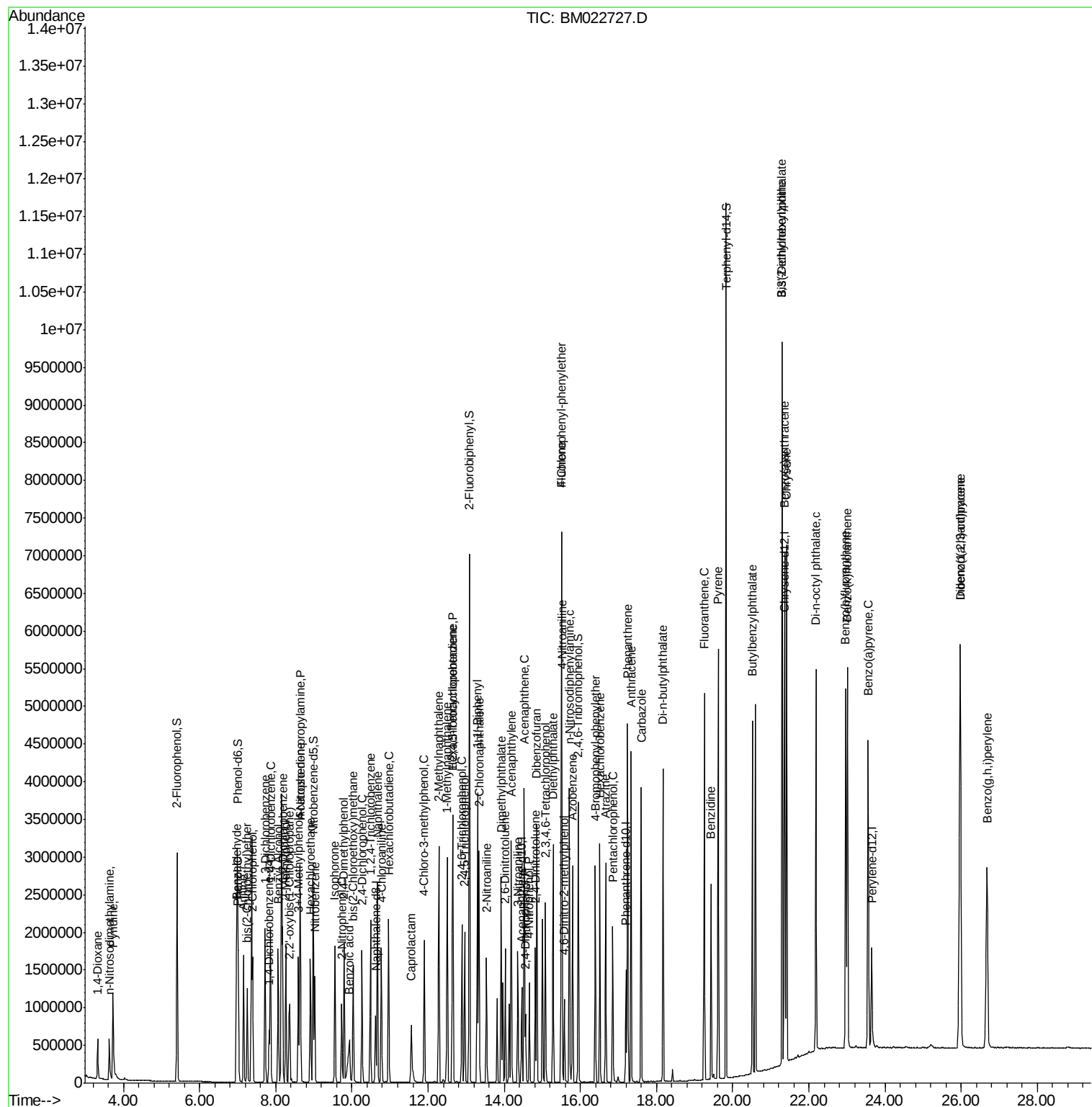
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.64 | 237  | 477516   | 61.984 | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.89 | 196  | 502673   | 50.659 | nq    | 98       |
| 44) 2,4,5-Trichlorophenol      | 12.96 | 196  | 524753   | 52.099 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.30 | 154  | 2036163  | 61.225 | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.33 | 162  | 1541673  | 56.327 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.53 | 65   | 423394   | 48.940 | nq    | 99       |
| 49) Acenaphthylene             | 14.18 | 152  | 2313053  | 55.096 | nq    | 100      |
| 50) Dimethylphthalate          | 13.92 | 163  | 1813324  | 51.003 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.03 | 165  | 388652   | 55.354 | nq    | 99       |
| 52) Acenaphthene               | 14.53 | 154  | 1518226  | 62.013 | nq    | 100      |
| 53) 3-Nitroaniline             | 14.36 | 138  | 450273   | 64.396 | nq    | 98       |
| 54) 2,4-Dinitrophenol          | 14.56 | 184  | 190429   | 54.868 | nq    | 95       |
| 55) Dibenzofuran               | 14.86 | 168  | 2165114  | 53.220 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.66 | 139  | 351669   | 75.463 | nq    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.82 | 165  | 520265   | 51.615 | nq    | 99       |
| 58) Fluorene                   | 15.50 | 166  | 1780185  | 51.906 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.08 | 232  | 455529   | 45.362 | nq    | 99       |
| 60) Diethylphthalate           | 15.29 | 149  | 1784710  | 47.603 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.50 | 204  | 915402   | 42.351 | nq    | 99       |
| 62) 4-Nitroaniline             | 15.52 | 138  | 475262   | 73.438 | nq    | 99       |
| 63) Azobenzene                 | 15.79 | 77   | 1620937  | 44.867 | nq    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.58 | 198  | 246342   | 50.048 | nq    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.72 | 169  | 1514996  | 57.634 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.39 | 248  | 553939   | 45.599 | nq    | 99       |
| 68) Hexachlorobenzene          | 16.51 | 284  | 638617   | 46.272 | nq    | 100      |
| 69) Atrazine                   | 16.66 | 200  | 506251   | 58.159 | nq    | 99       |
| 70) Pentachlorophenol          | 16.85 | 266  | 356566   | 53.102 | nq    | 99       |
| 71) Phenanthrene               | 17.24 | 178  | 2766681  | 58.196 | nq    | 100      |
| 72) Anthracene                 | 17.33 | 178  | 2727821  | 57.802 | nq    | 100      |
| 73) Carbazole                  | 17.60 | 167  | 2533771  | 64.343 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.17 | 149  | 2962187  | 49.578 | nq    | 100      |
| 75) Fluoranthene               | 19.26 | 202  | 3154807  | 55.029 | nq    | 98       |
| 77) Benzidine                  | 19.43 | 184  | 1358067  | 72.988 | nq    | 100      |
| 78) Pyrene                     | 19.62 | 202  | 3288186  | 56.313 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.52 | 149  | 1312384  | 50.250 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.36 | 228  | 3240079  | 55.538 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 1192494  | 58.624 | nq    | 98       |
| 83) Chrysene                   | 21.42 | 228  | 3120304  | 55.405 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 1953034  | 49.724 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.19 | 149  | 3142829  | 49.436 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.97 | 276  | 3767691  | 59.725 | nq    | # 100    |
| 88) Benzo(b)fluoranthene       | 22.97 | 252  | 3254818  | 55.370 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 23.02 | 252  | 3167541  | 55.126 | nq    | 100      |
| 90) Benzo(a)pyrene             | 23.56 | 252  | 2994444  | 55.936 | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.98 | 278  | 3119022  | 54.833 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.68 | 276  | 2932389  | 58.966 | nq    | 99       |

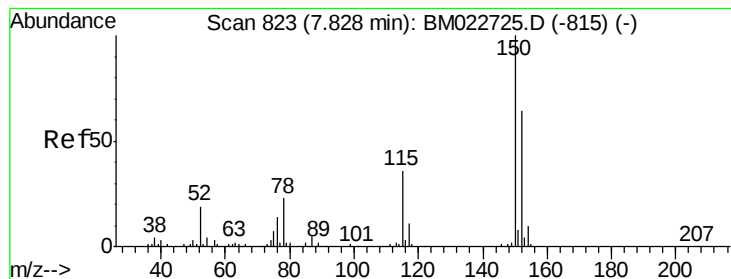
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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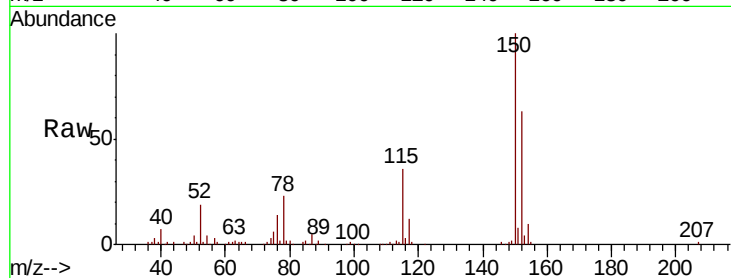


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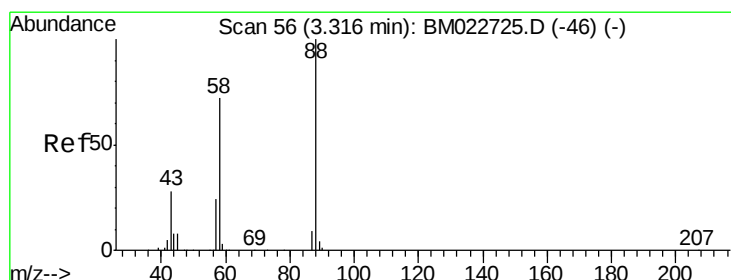
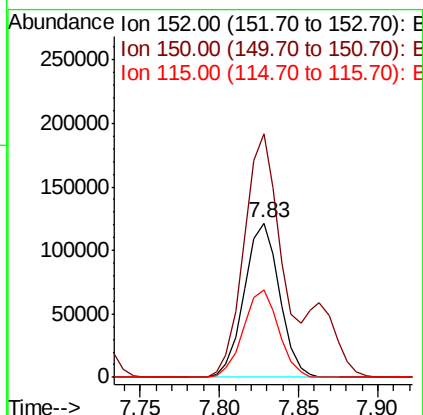
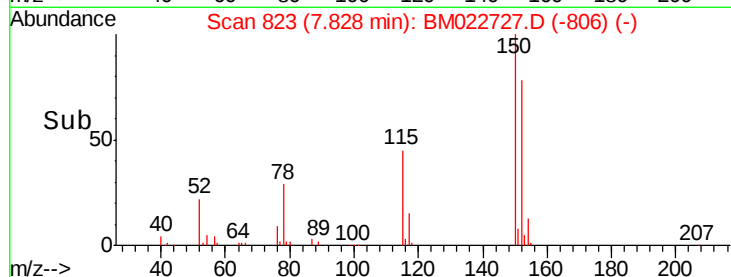
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.83 min Scan# 823  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:152 Resp: 187596  
Ion Ratio Lower Upper  
152 100  
150 157.6 124.5 186.7  
115 56.7 45.0 67.4



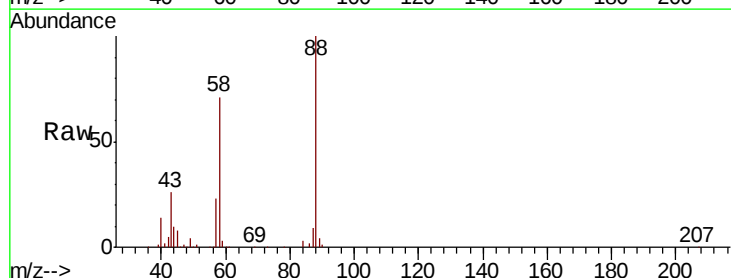
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



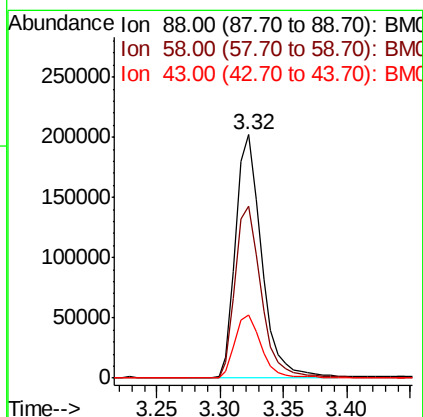
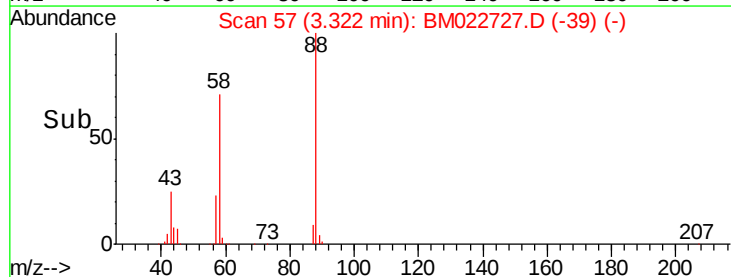
#2

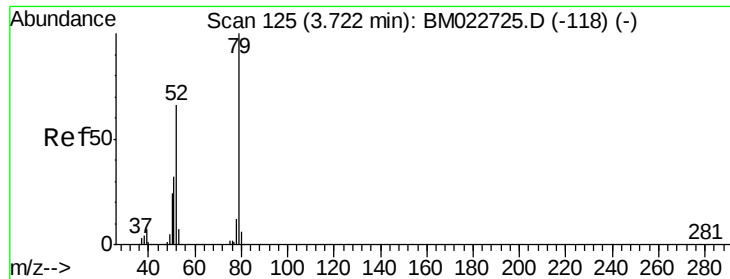
1,4-Dioxane  
Concen: 64.423 ng  
RT: 3.32 min Scan# 57  
Delta R.T. 0.01 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion: 88 Resp: 284157  
Ion Ratio Lower Upper  
88 100  
58 71.5 0.0 0.0#  
43 27.0 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 63.803 ng

RT: 3.72 min Scan# 125

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

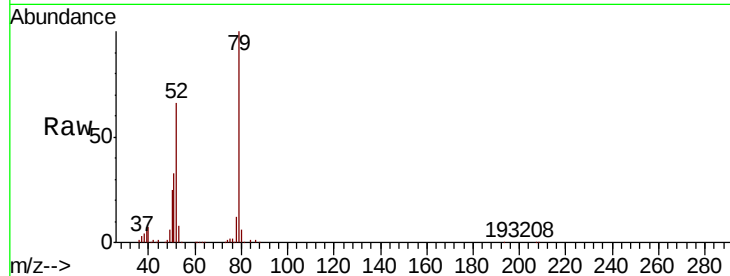
Tot Ion: 79 Resp: 712954

Ion Ratio Lower Upper

79 100

52 65.9 52.4 78.6

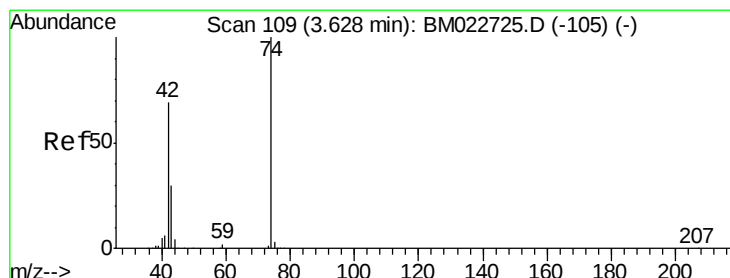
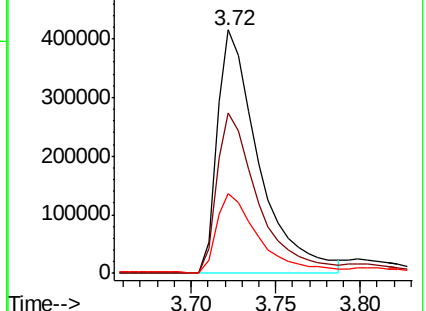
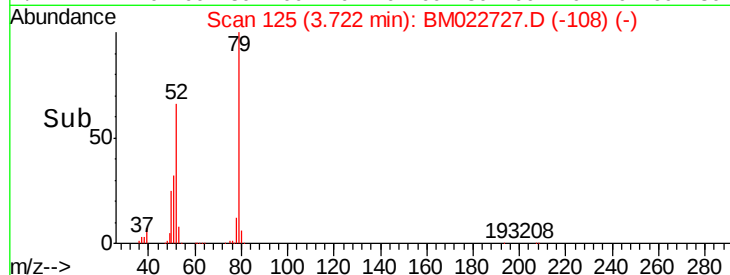
51 32.8 26.2 39.4



Abundance Ion 79.00 (78.70 to 79.70): BM022727.D (-118) (-)

Ion 52.00 (51.70 to 52.70): BM022727.D (-118) (-)

Ion 51.00 (50.70 to 51.70): BM022727.D (-118) (-)



#4

n-Nitrosodimethylamine

Concen: 41.797 ng

RT: 3.63 min Scan# 109

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

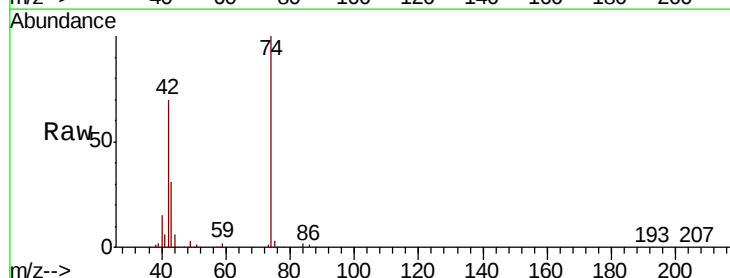
Tgt Ion: 42 Resp: 279812

Ion Ratio Lower Upper

42 100

74 143.3 116.6 175.0

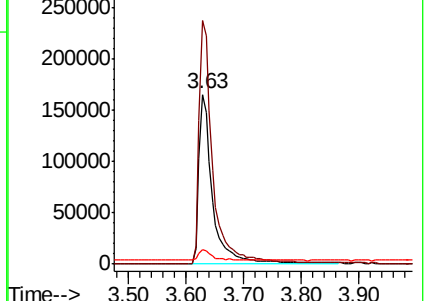
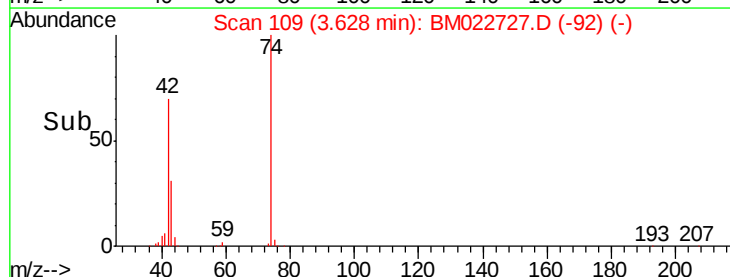
44 8.6 8.2 12.4

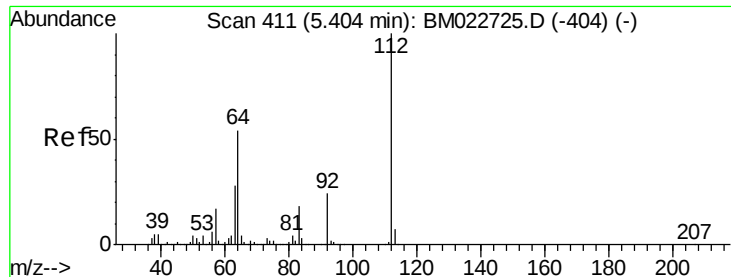


Abundance Ion 42.00 (41.70 to 42.70): BM022727.D (-105) (-)

Ion 74.00 (73.70 to 74.70): BM022727.D (-105) (-)

Ion 44.00 (43.70 to 44.70): BM022727.D (-105) (-)





#5

2-Fluorophenol

Concen: 134.622 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

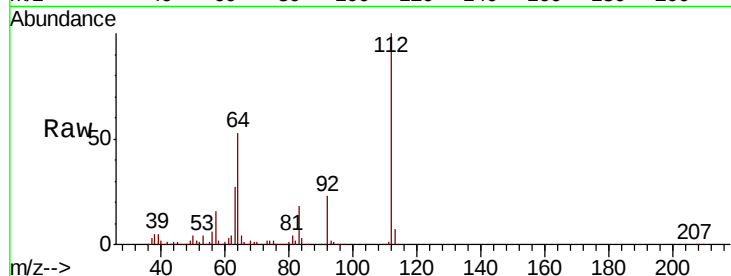
Tot Ion:112 Resp: 1417220

Ion Ratio Lower Upper

112 100

64 53.4 43.4 65.2

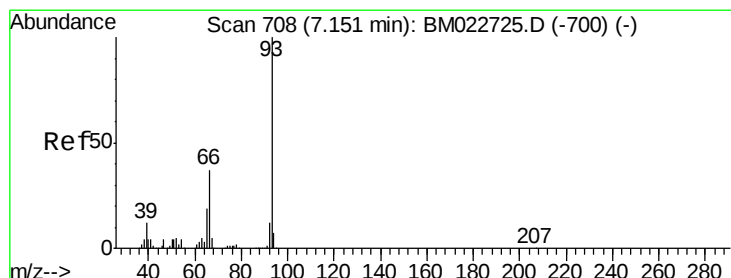
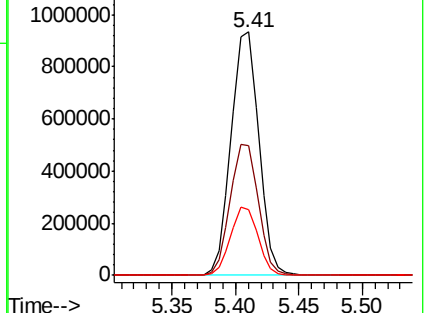
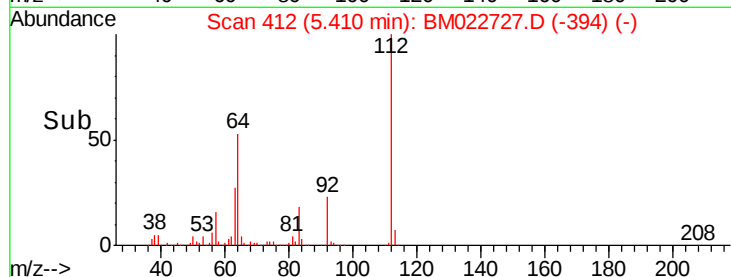
63 27.1 22.1 33.1



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: 57.967 ng

RT: 7.16 min Scan# 709

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

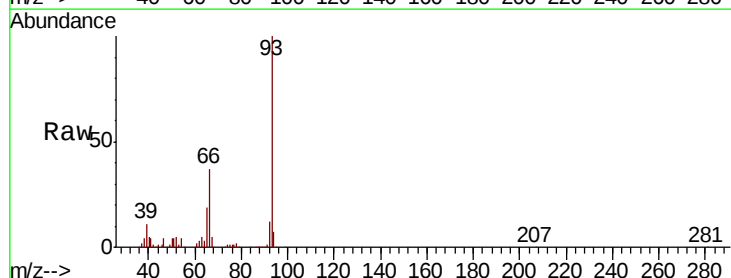
Tgt Ion: 93 Resp: 1088006

Ion Ratio Lower Upper

93 100

66 36.8 29.3 43.9

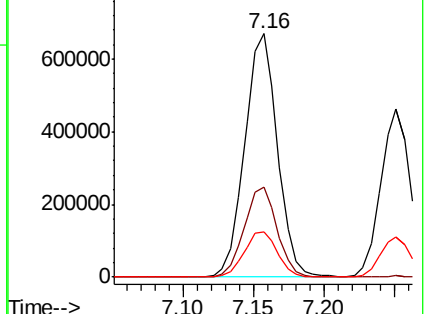
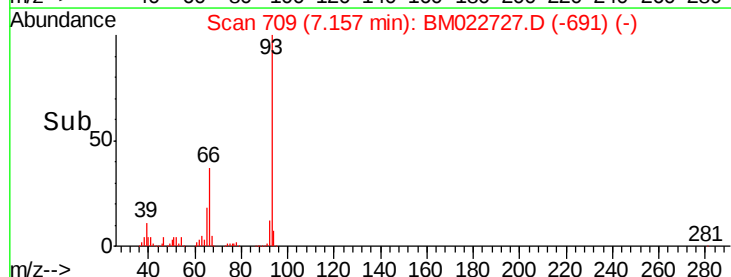
65 18.6 15.3 22.9

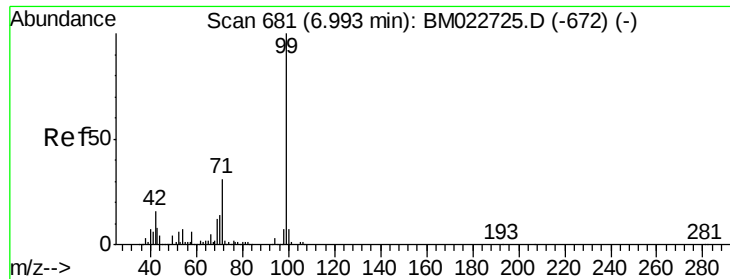


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 129.285 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

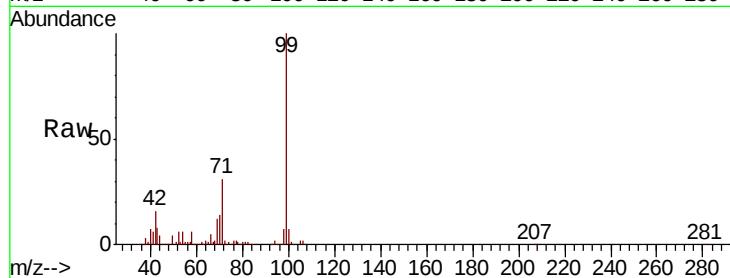
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 99 Resp: 1812459

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.1  | 13.0  | 19.4  |
| 71  | 31.0  | 24.7  | 37.1  |

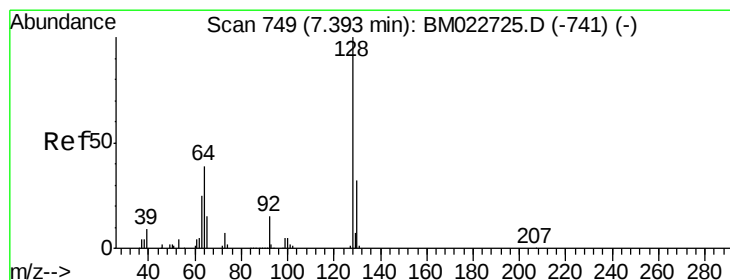
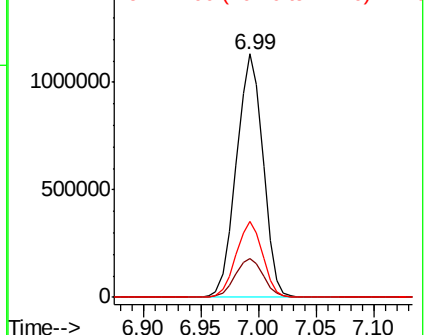
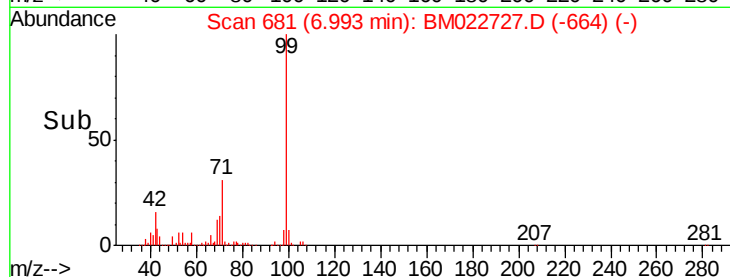


Abundance

Ion 99.00 (98.70 to 99.70): BM022727.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM022727.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM022727.D (-664) (-)



#8

2-Chlorophenol

Concen: 57.488 ng

RT: 7.39 min Scan# 749

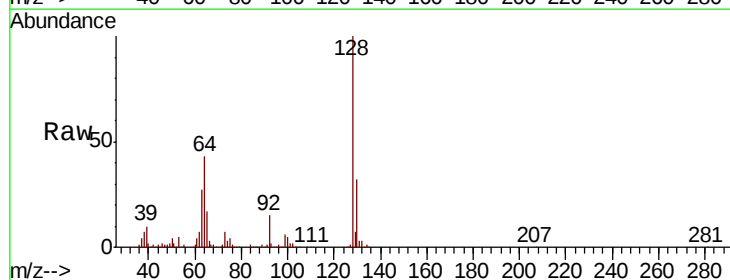
Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Tgt Ion: 128 Resp: 720585

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.3  | 12.1  | 52.1  |
| 64  | 43.1  | 22.9  | 62.9  |

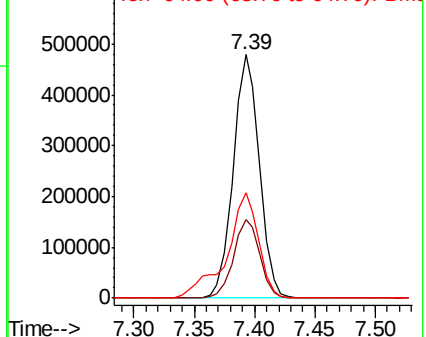
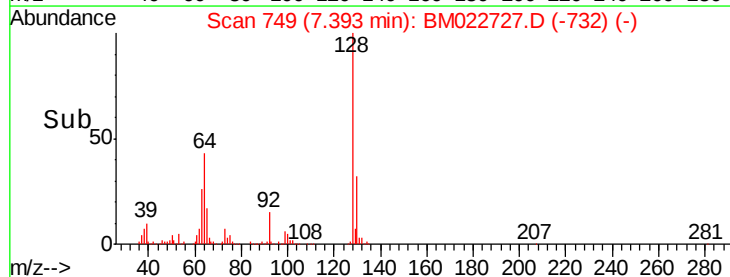


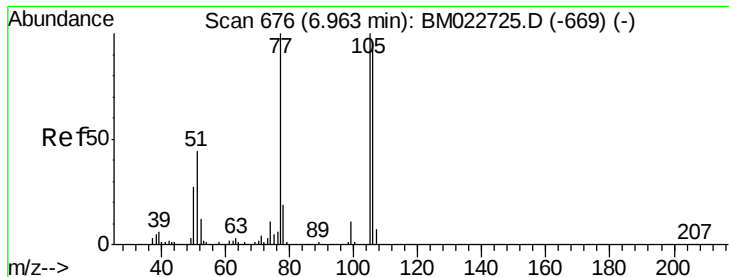
Abundance

Ion 128.00 (127.70 to 128.70): BM022727.D (-732) (-)

Ion 130.00 (129.70 to 130.70): BM022727.D (-732) (-)

Ion 64.00 (63.70 to 64.70): BM022727.D (-732) (-)





#9

Benzaldehyde

Concen: 54.655 ng

RT: 6.97 min Scan# 677

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

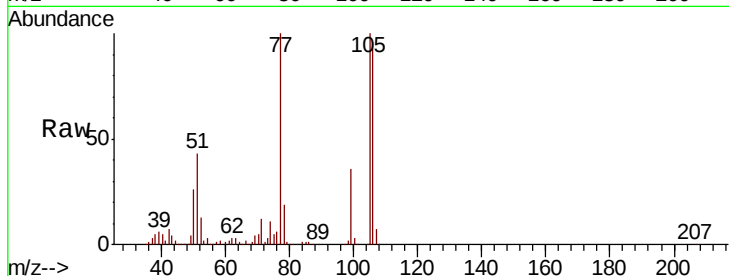
Tot Ion: 77 Resp: 485549

Ion Ratio Lower Upper

77 100

105 100.5 79.6 119.6

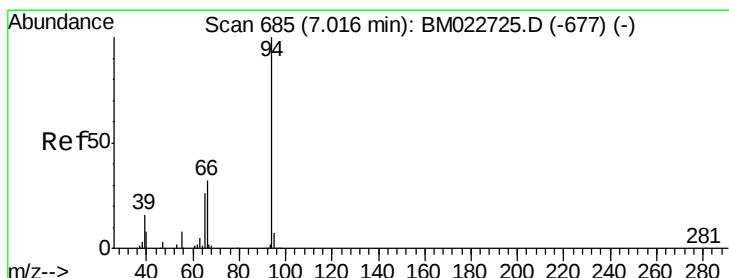
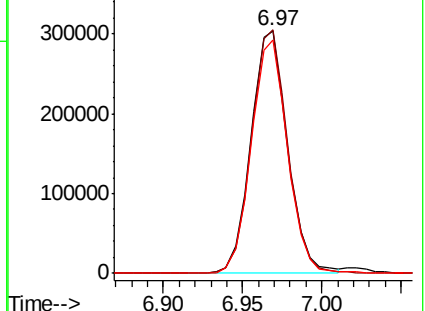
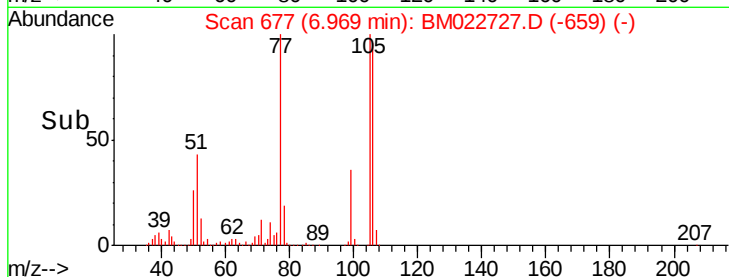
106 96.1 76.3 116.3



Abundance Ion 77.00 (76.70 to 77.70): BM022727.D (-669) (-)

Ion 105.00 (104.70 to 105.70): BM022727.D (-669) (-)

Ion 106.00 (105.70 to 106.70): BM022727.D (-669) (-)



#10

Phenol

Concen: 57.204 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

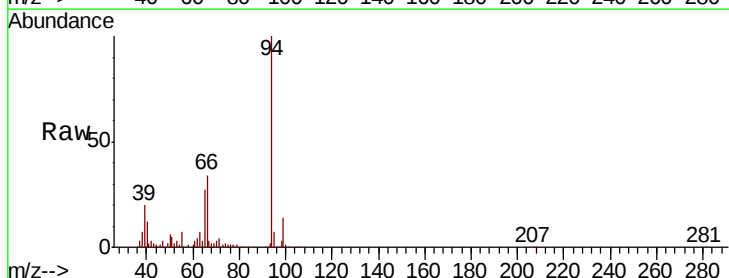
Tgt Ion: 94 Resp: 849014

Ion Ratio Lower Upper

94 100

65 26.9 6.7 46.7

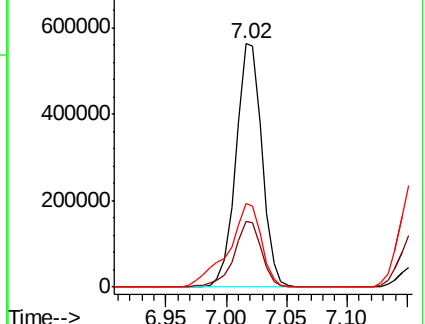
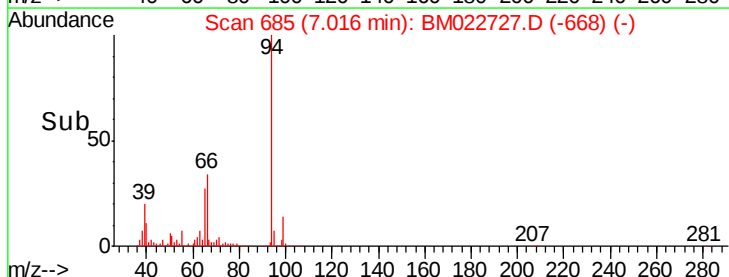
66 34.1 13.8 53.8

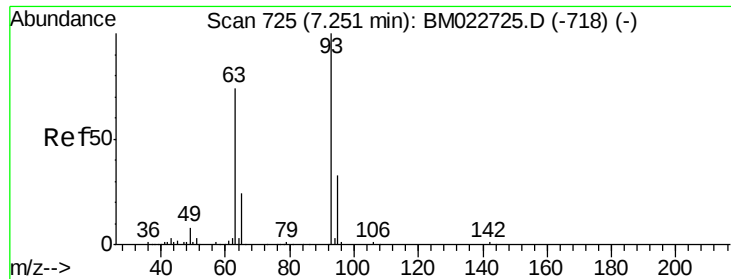


Abundance Ion 94.00 (93.70 to 94.70): BM022727.D (-668) (-)

Ion 65.00 (64.70 to 65.70): BM022727.D (-668) (-)

Ion 66.00 (65.70 to 66.70): BM022727.D (-668) (-)

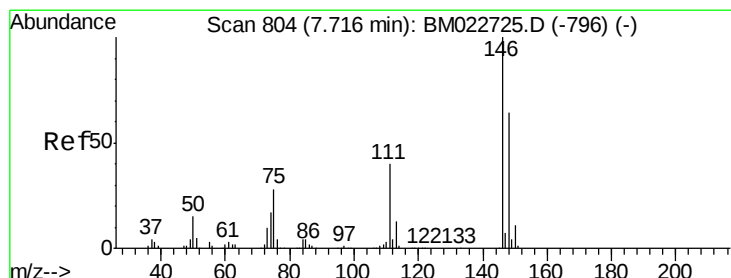
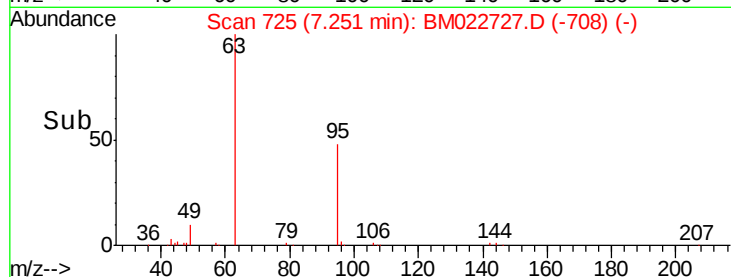
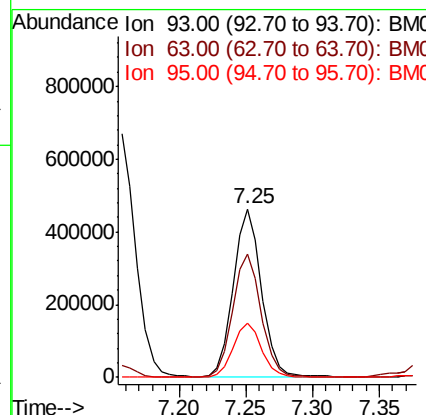
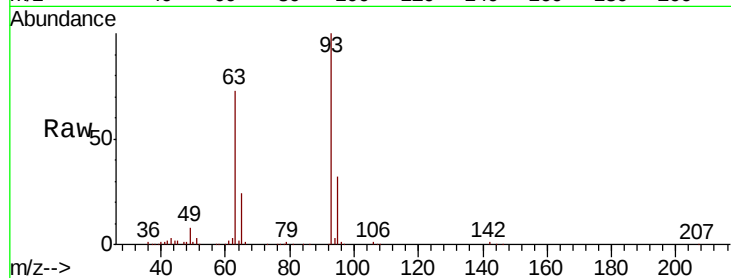




#11  
 bis(2-Chloroethyl)ether  
 Concen: 57.275 ng  
 RT: 7.25 min Scan# 725  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

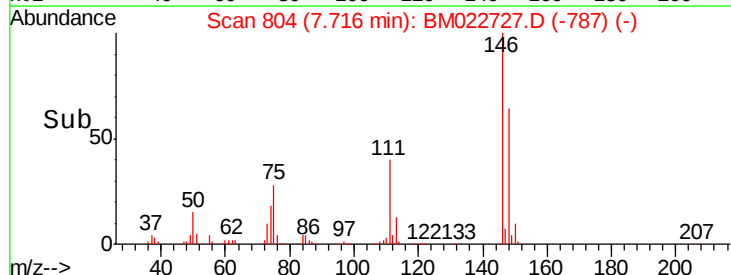
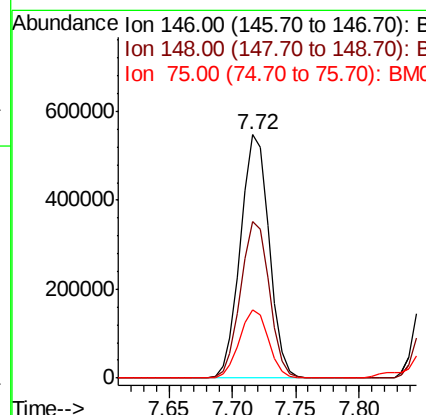
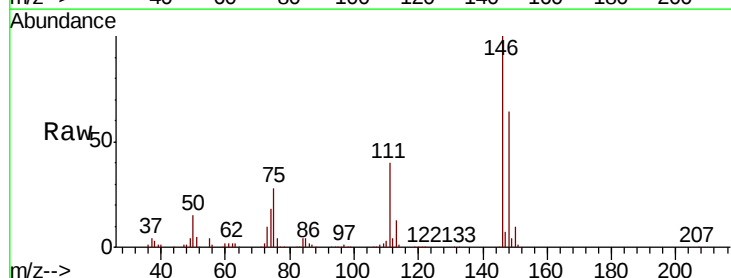
Instrument :  
 BNA\_M  
 ClientSampleId :

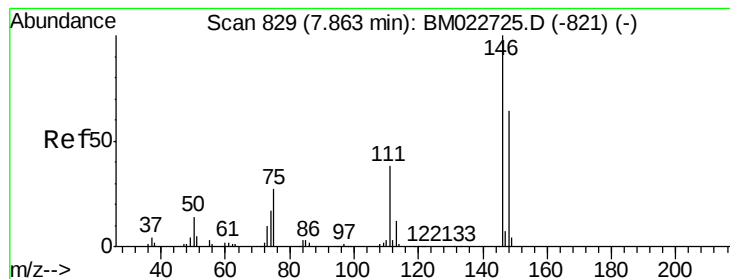
| Tot Ion | 93    | Resp  | 672453 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 93      | 100   |       |        |
| 63      | 73.4  | 53.8  | 93.8   |
| 95      | 32.2  | 12.7  | 52.7   |



#12  
 1,3-Dichlorobenzene  
 Concen: 56.039 ng  
 RT: 7.72 min Scan# 804  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

| Tgt Ion | 146   | Resp  | 856147 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 146     | 100   |       |        |
| 148     | 64.1  | 51.3  | 76.9   |
| 75      | 28.1  | 22.5  | 33.7   |





#13

1,4-Dichlorobenzene

Concen: 55.669 ng

RT: 7.86 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

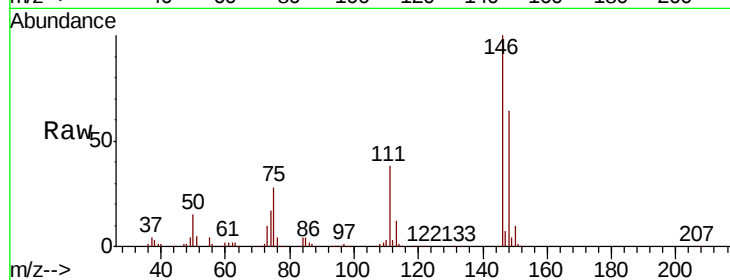
Tot Ion:146 Resp: 863433

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

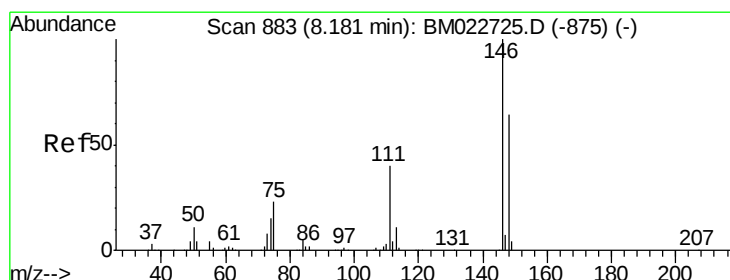
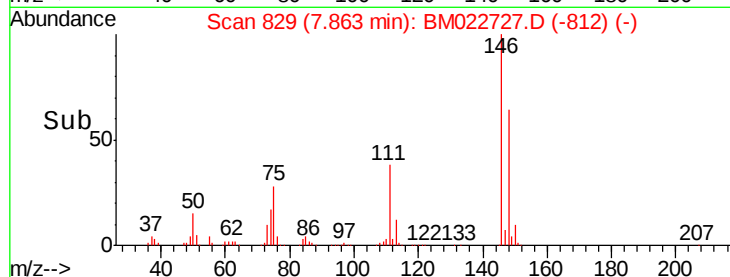
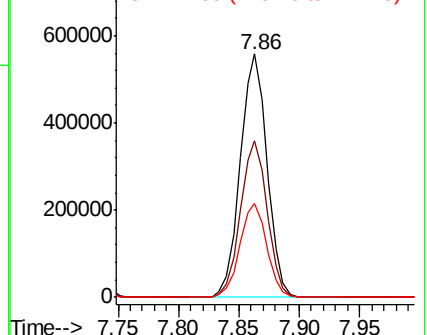
111 38.4 30.9 46.3



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: 54.438 ng

RT: 8.18 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

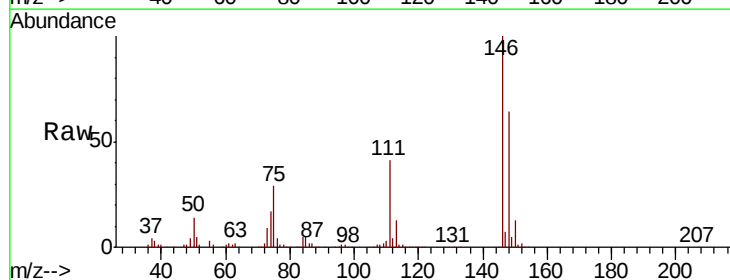
Tgt Ion:146 Resp: 822343

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

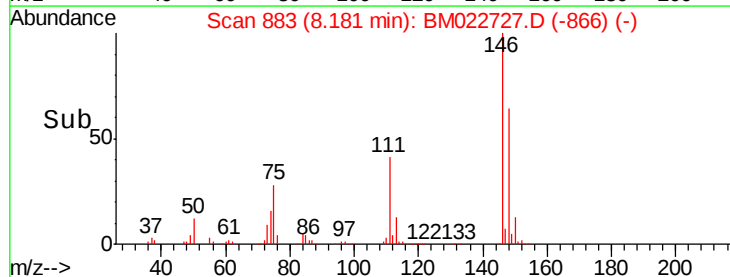
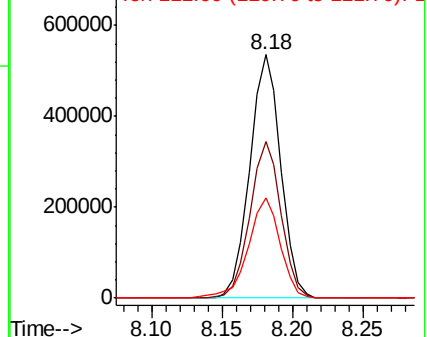
111 41.0 32.3 48.5

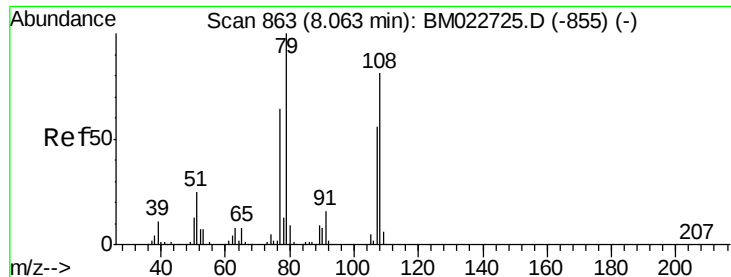


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

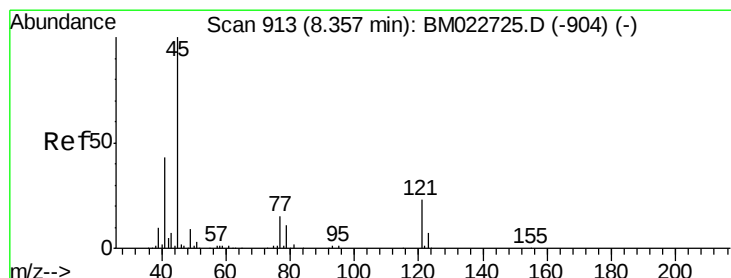
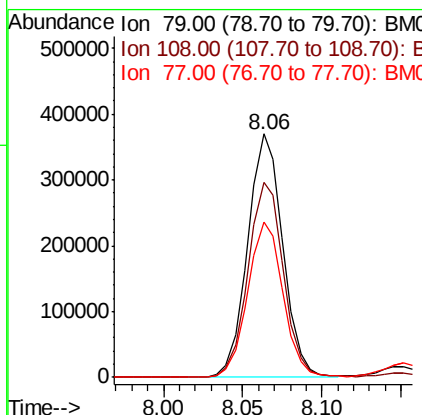
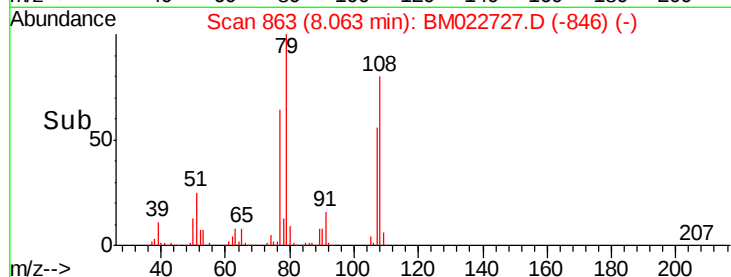
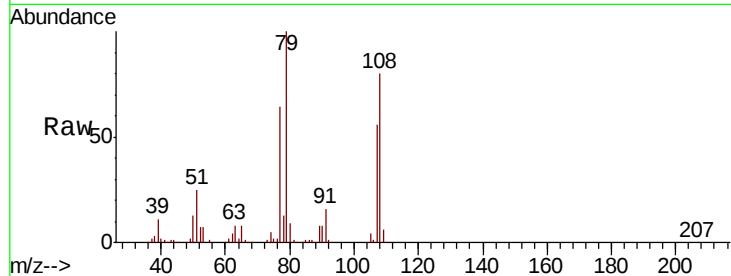




#15  
Benzyl Alcohol  
Concen: 46.291 ng  
RT: 8.06 min Scan# 863  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

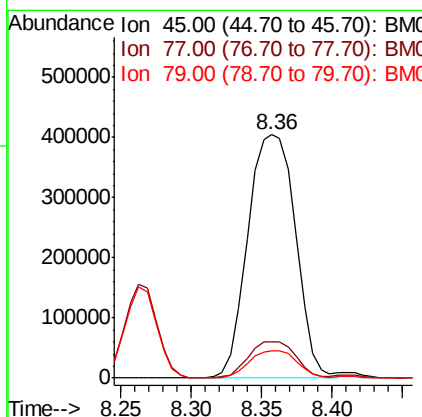
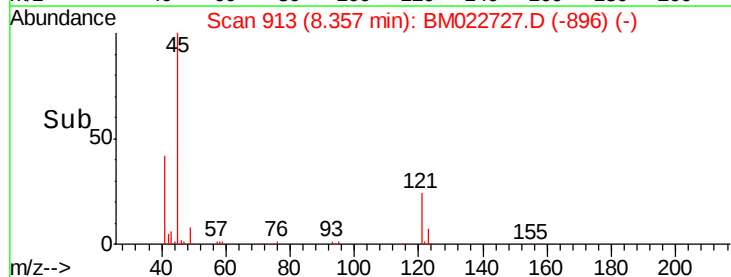
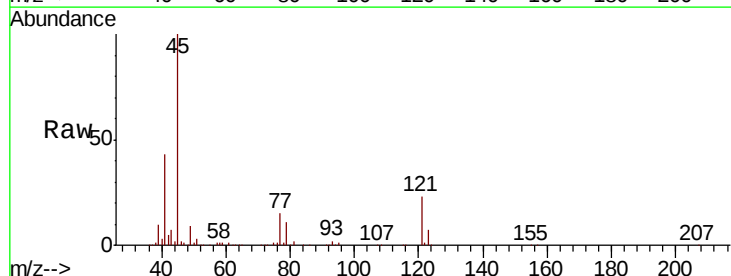
Instrument :  
BNA\_M  
ClientSampleId :

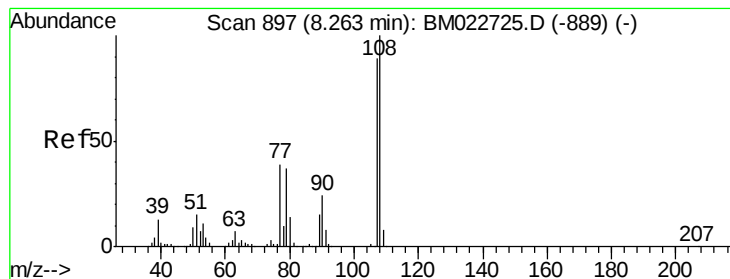
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 80.2  | 64.9  | 97.3  |
| 77      | 63.8  | 51.1  | 76.7  |



#16  
2,2'-oxybis(1-chloropropane)  
Concen: 58.876 ng  
RT: 8.36 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 15.1  | 0.0   | 35.1  |
| 79      | 11.5  | 0.0   | 31.4  |





#17

2-Methylphenol

Concen: 53.753 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:107 Resp: 569023

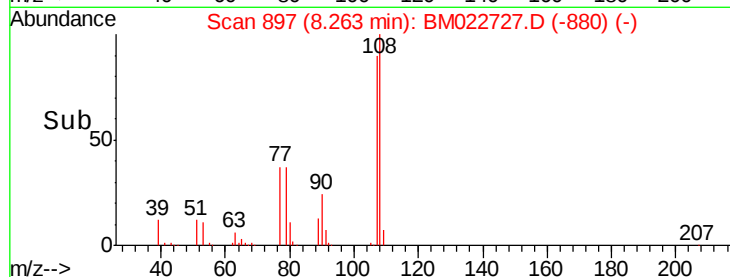
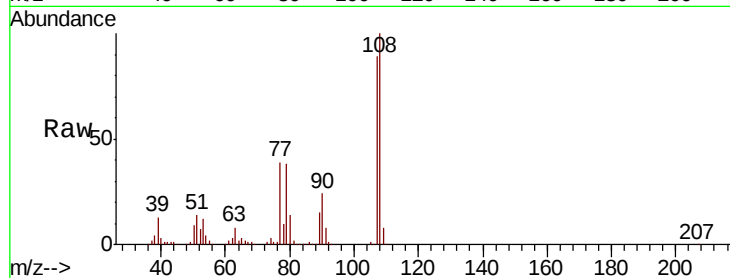
Ion Ratio Lower Upper

107 100

108 112.4 90.0 135.0

77 44.0 35.2 52.8

79 42.9 33.4 50.2

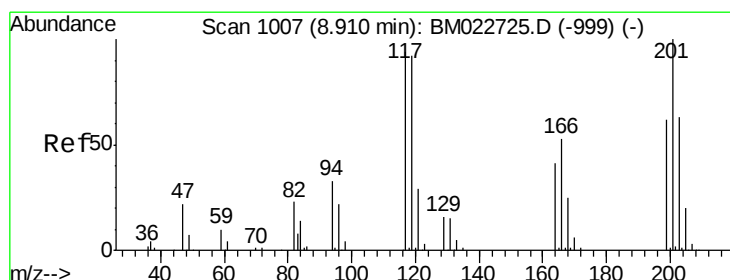
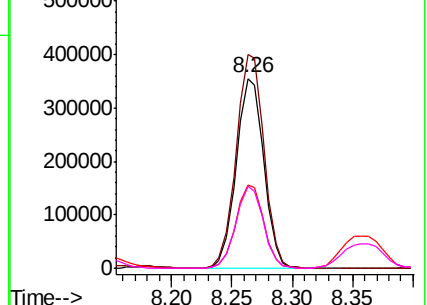


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 47.203 ng

RT: 8.91 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

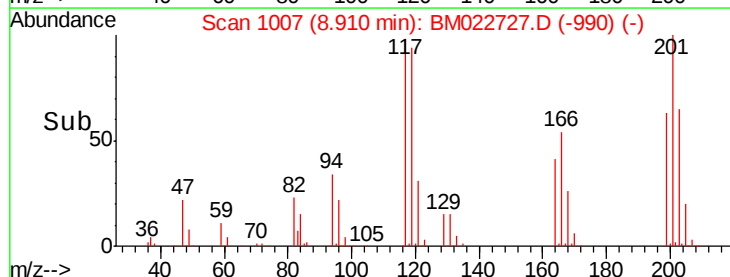
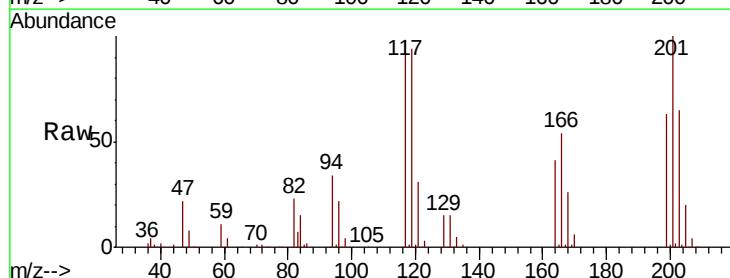
Tgt Ion:117 Resp: 317855

Ion Ratio Lower Upper

117 100

119 95.6 78.0 117.0

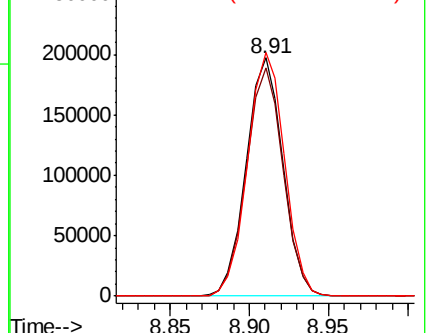
201 102.2 85.0 127.6

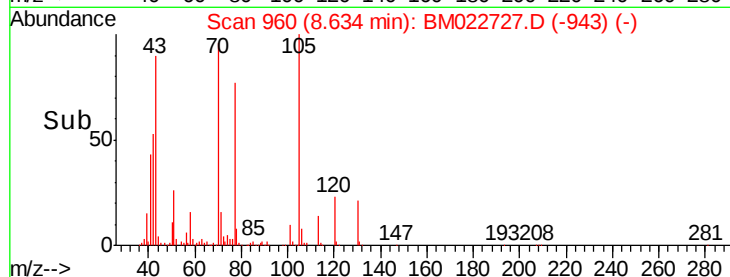
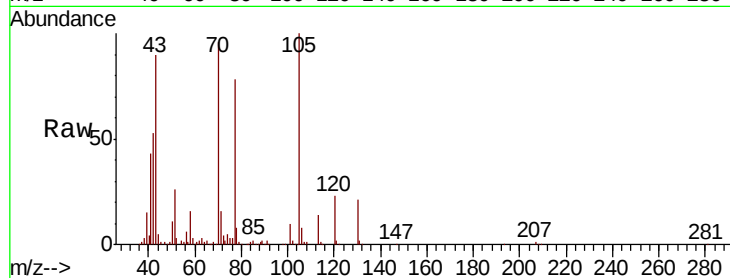
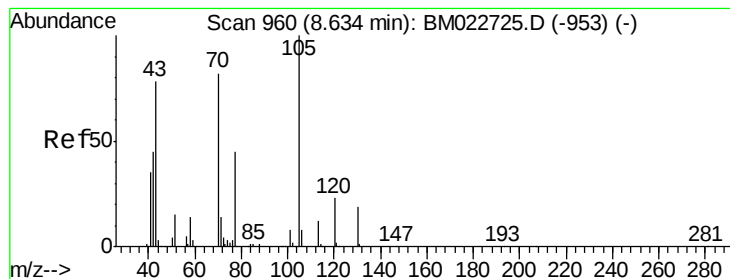


Abundance Ion 117.00 (116.70 to 117.70): E

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: 45.780 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 505532

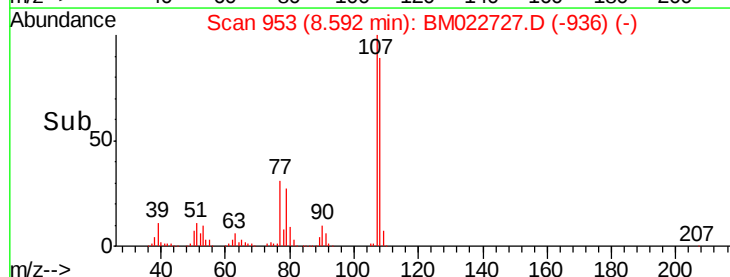
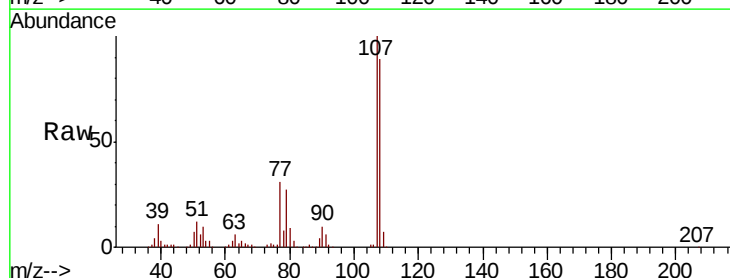
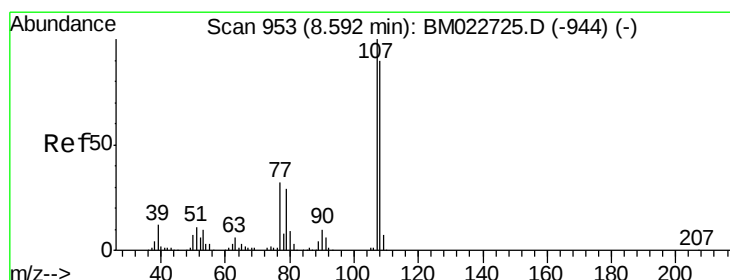
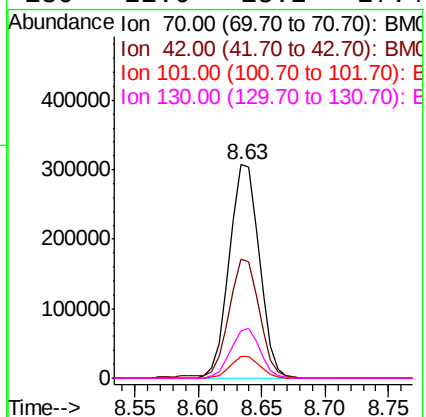
Ion Ratio Lower Upper

70 100

42 55.7 44.4 66.6

101 9.9 7.8 11.6

130 22.0 18.2 27.4



#20

3+4-Methylphenols

Concen: 53.232 ng

RT: 8.59 min Scan# 953

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Tgt Ion: 107 Resp: 761026

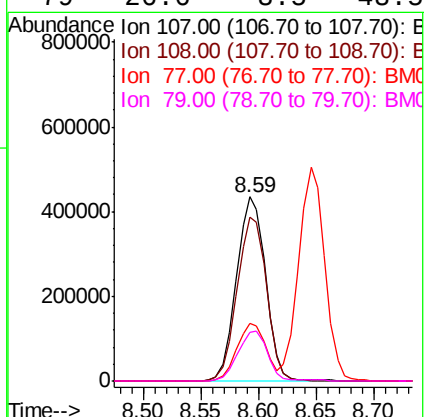
Ion Ratio Lower Upper

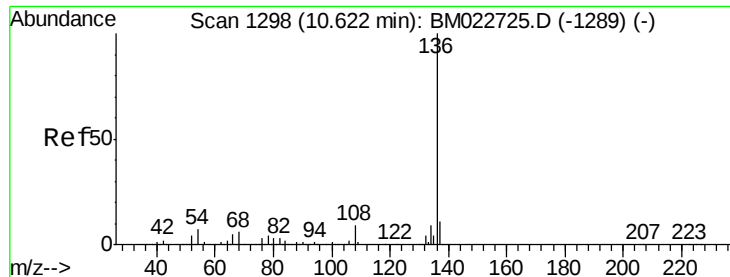
107 100

108 89.3 70.1 110.1

77 31.1 12.1 52.1

79 26.6 8.5 48.5

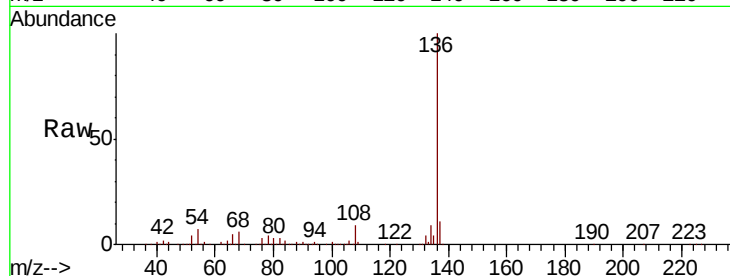




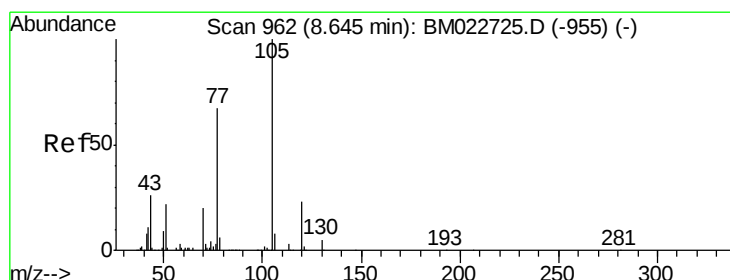
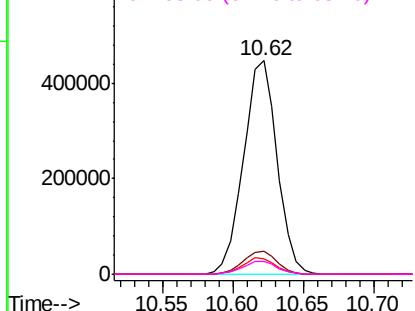
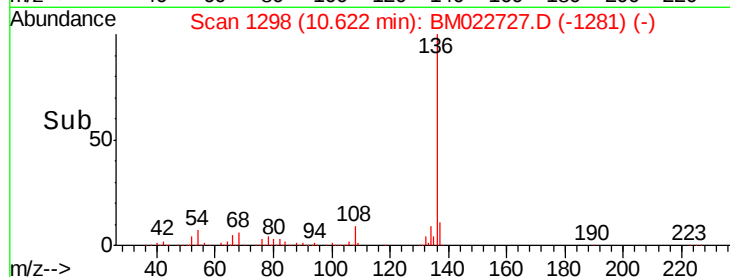
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.62 min Scan# 1298  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Instrument :  
BNA\_M  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 136   | Resp: | 744582 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.6   | 13.0   |
| 54       | 7.2   | 6.0   | 9.0    |
| 68       | 6.0   | 4.9   | 7.3    |

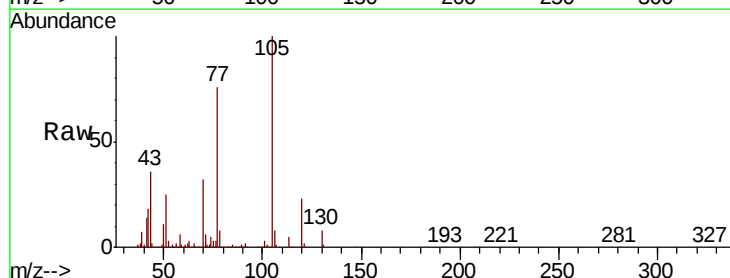


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM  
Ion 68.00 (67.70 to 68.70): BM

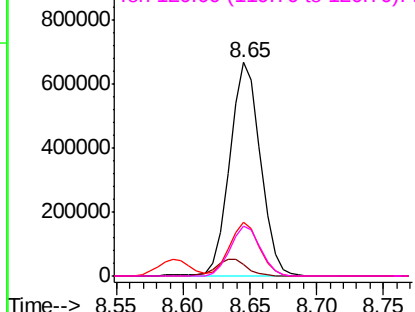
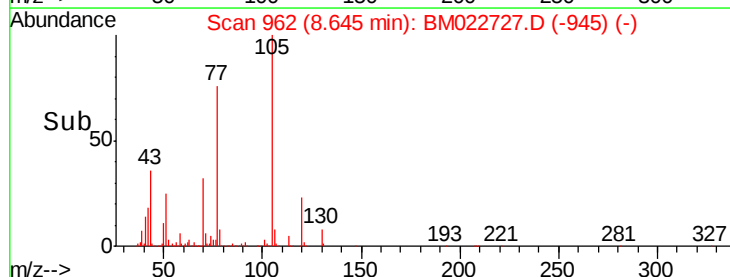


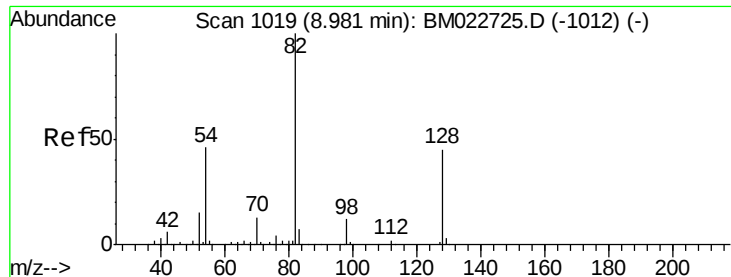
#22  
Acetophenone  
Concen: 55.536 ng  
RT: 8.65 min Scan# 962  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1060816 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 5.6   | 2.7   | 4.1#    |
| 51       | 25.0  | 19.9  | 29.9    |
| 120      | 23.2  | 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

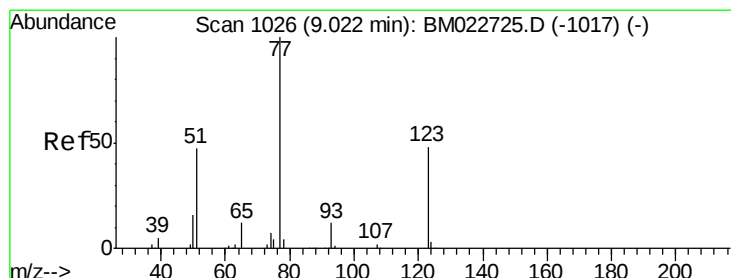
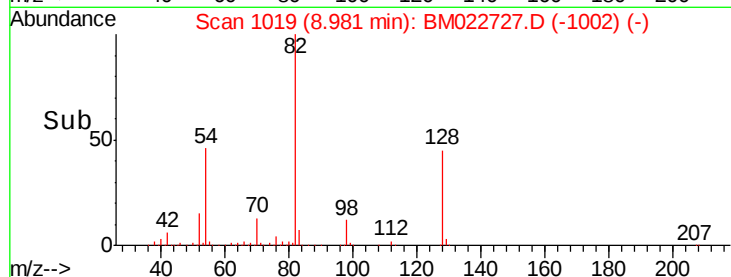
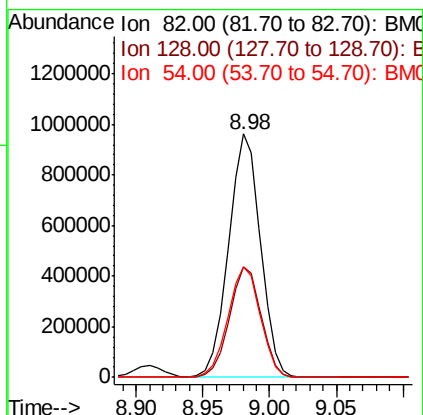
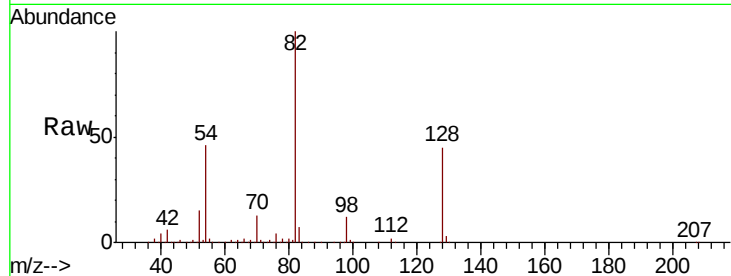




#23  
Nitrobenzene-d5  
Concen: 104.157 ng  
RT: 8.98 min Scan# 1019  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

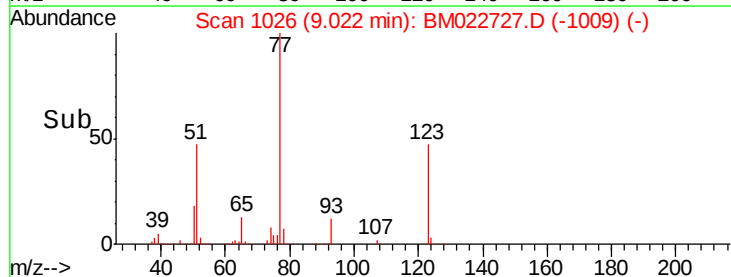
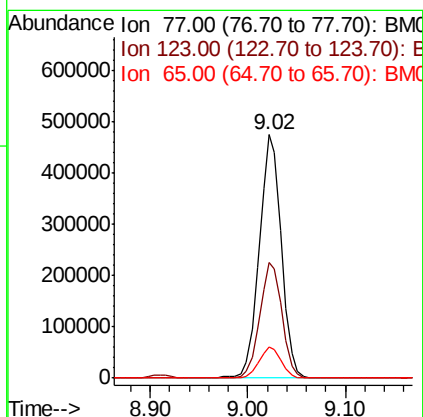
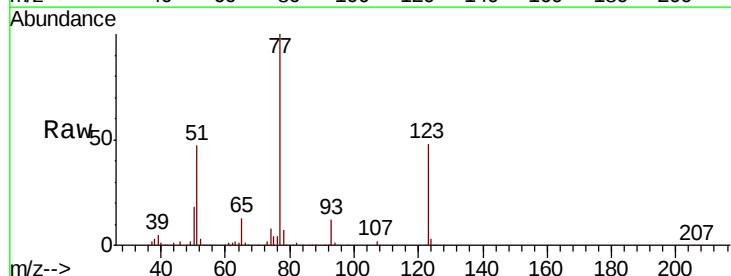
Instrument :  
BNA\_M  
ClientSampleId :

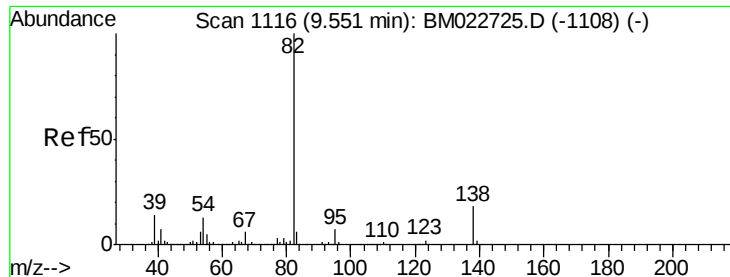
Tot Ion: 82 Resp: 1594538  
Ion Ratio Lower Upper  
82 100  
128 45.3 36.0 54.0  
54 45.6 37.1 55.7



#24  
Nitrobenzene  
Concen: 48.207 ng  
RT: 9.02 min Scan# 1026  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion: 77 Resp: 755582  
Ion Ratio Lower Upper  
77 100  
123 47.6 38.0 57.0  
65 12.8 10.0 15.0





#25

Isophorone

Concen: 48.796 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampled :

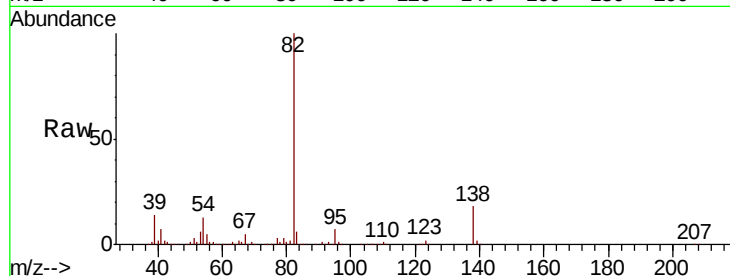
Tot Ion: 82 Resp: 1325708

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.0

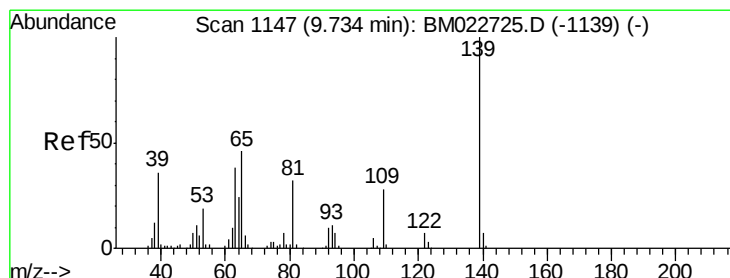
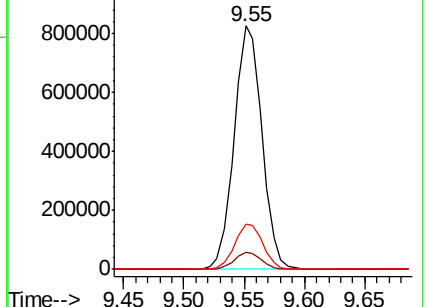
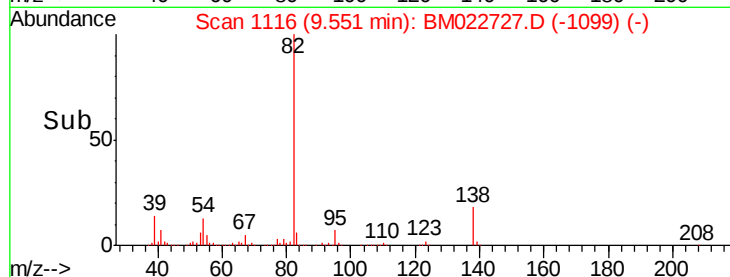
138 18.4 14.7 22.1



Abundance Ion 82.00 (81.70 to 82.70): BM022727.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BM022727.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BM022727.D (-1099) (-)



#26

2-Nitrophenol

Concen: 51.699 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

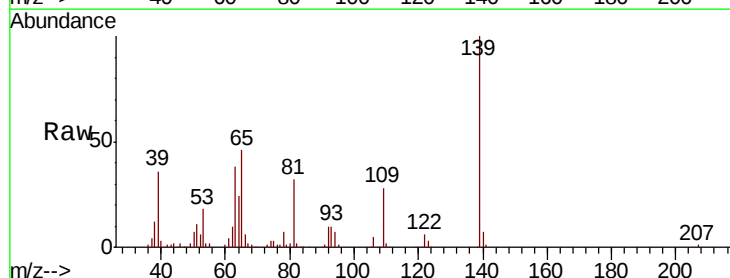
Tgt Ion: 139 Resp: 343239

Ion Ratio Lower Upper

139 100

109 27.6 22.6 33.8

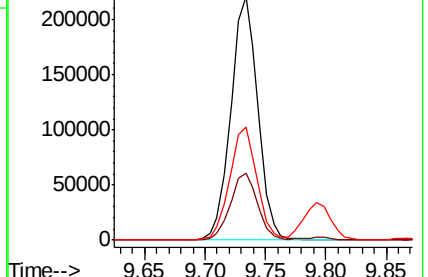
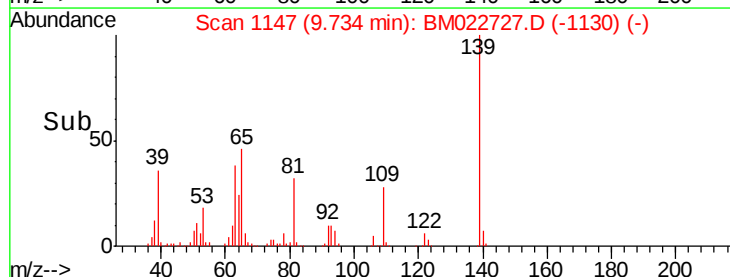
65 46.2 37.0 55.4

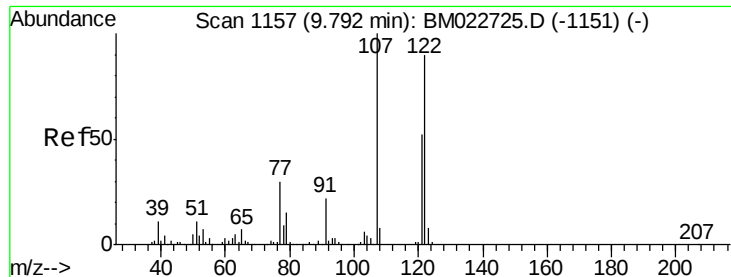


Abundance Ion 139.00 (138.70 to 139.70): BM022727.D (-1130) (-)

Ion 109.00 (108.70 to 109.70): BM022727.D (-1130) (-)

Ion 65.00 (64.70 to 65.70): BM022727.D (-1130) (-)

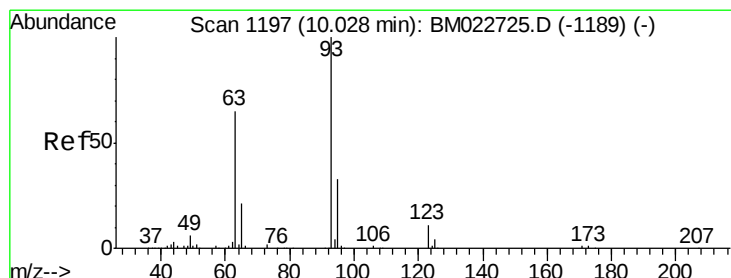
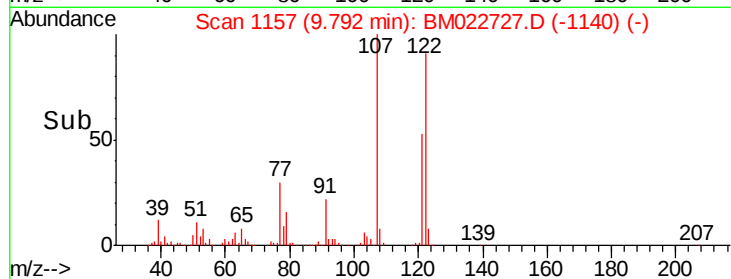
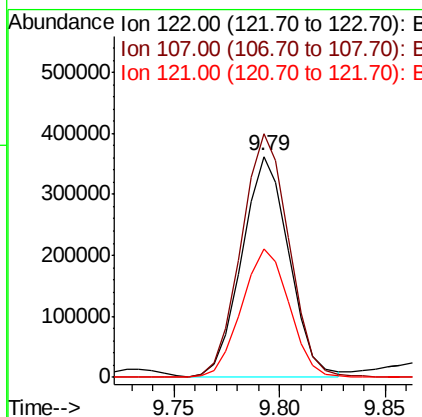
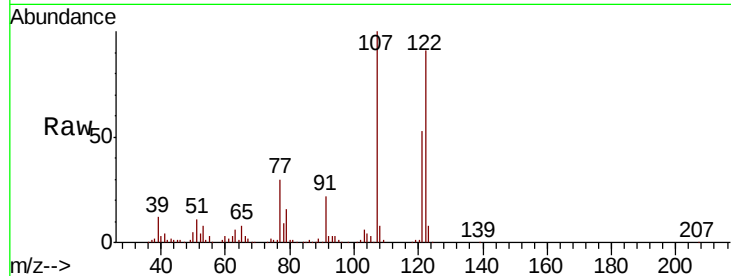




#27  
 2,4-Dimethylphenol  
 Concen: 55.511 ng  
 RT: 9.79 min Scan# 1157  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

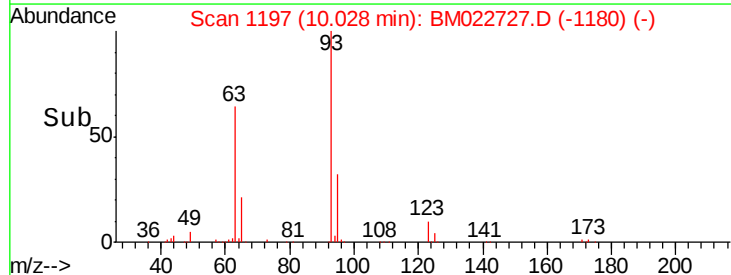
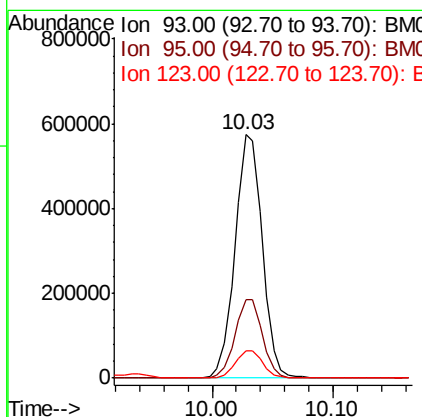
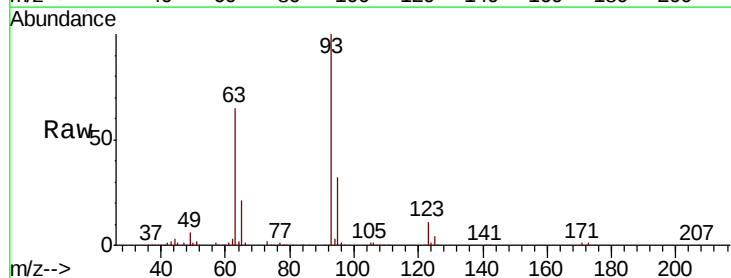
Instrument :  
 BNA\_M  
 ClientSampled :

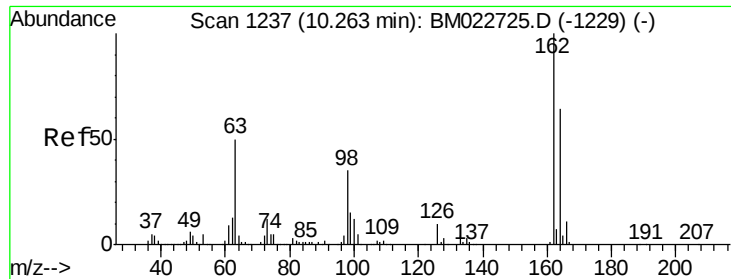
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 110.3 | 88.9  | 133.3 |
| 121     | 58.4  | 46.5  | 69.7  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 56.274 ng  
 RT: 10.03 min Scan# 1197  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 26.0  | 39.0  |
| 123     | 11.4  | 9.0   | 13.6  |

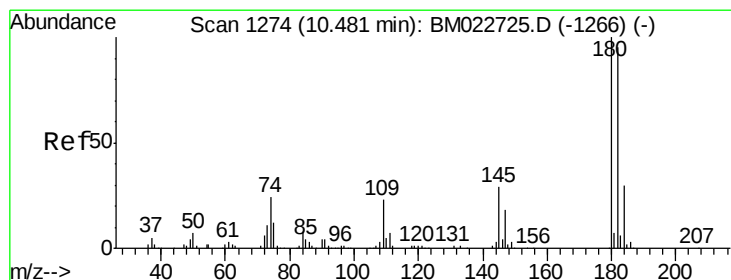
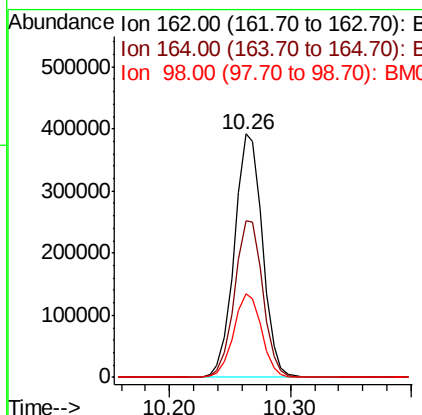
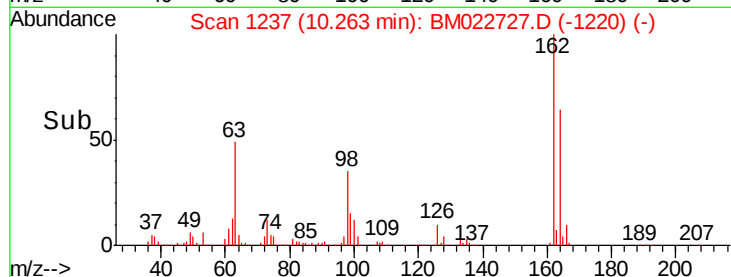
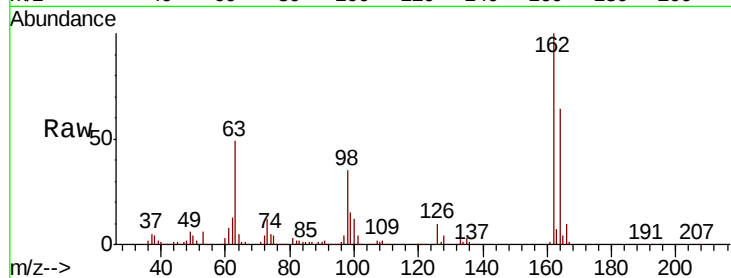




#29  
 2,4-Dichlorophenol  
 Concen: 52.644 ng  
 RT: 10.26 min Scan# 1237  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

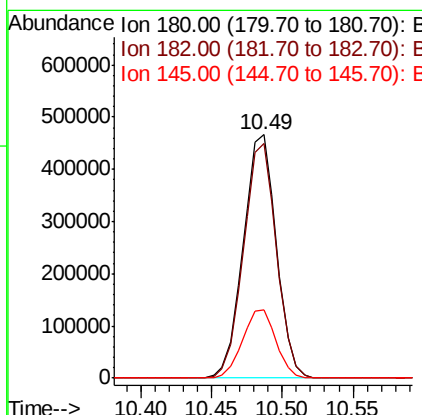
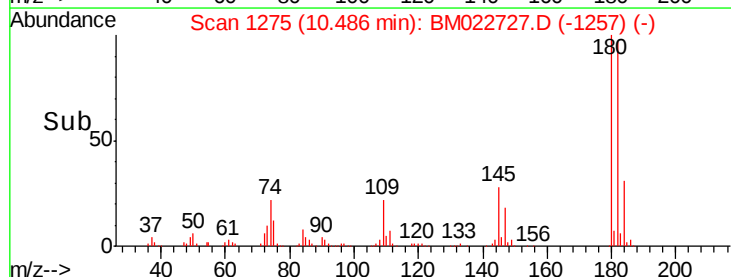
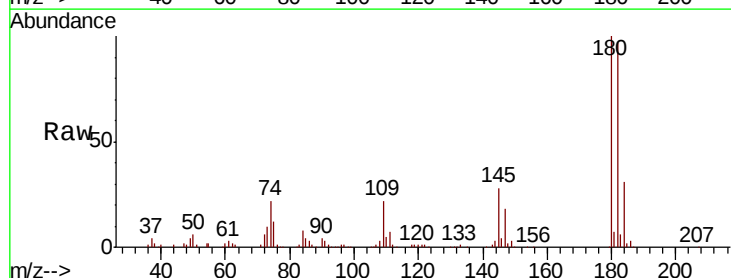
Instrument :  
 BNA\_M  
 ClientSampleId :

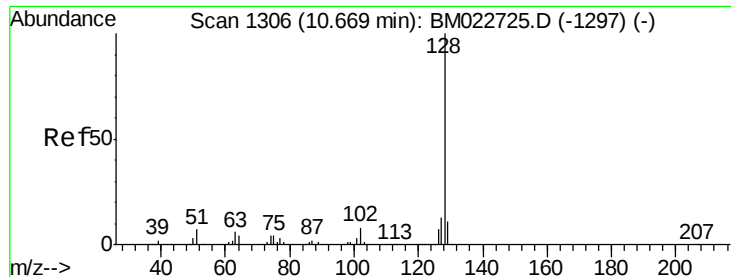
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 44.4  | 84.4  |
| 98      | 34.5  | 14.8  | 54.8  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 51.424 ng  
 RT: 10.49 min Scan# 1275  
 Delta R.T. 0.01 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.6  | 76.2  | 114.2 |
| 145     | 28.1  | 23.0  | 34.4  |

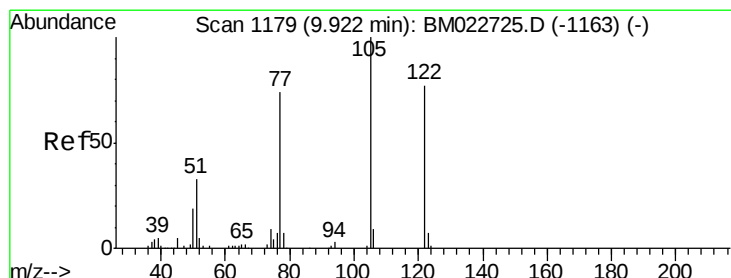
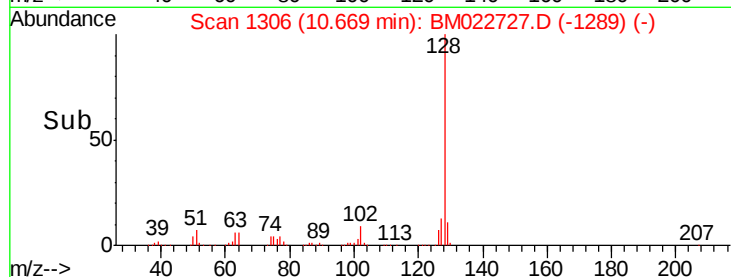
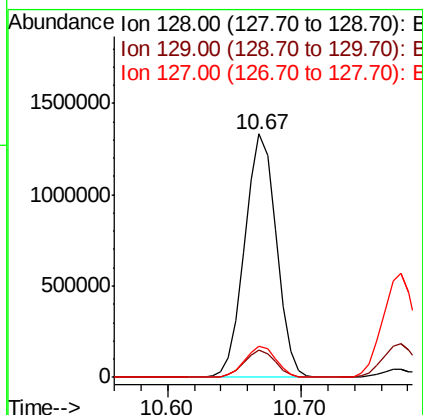
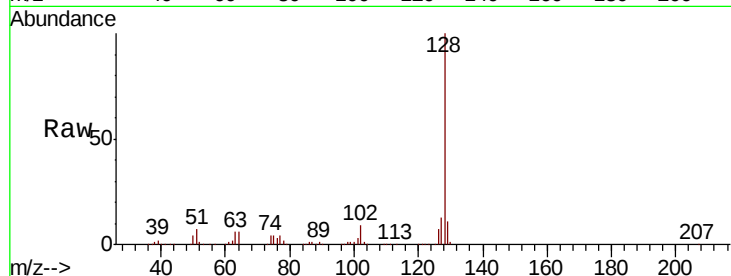




#31  
Naphthalene  
Concen: 56.157 ng  
RT: 10.67 min Scan# 1306  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

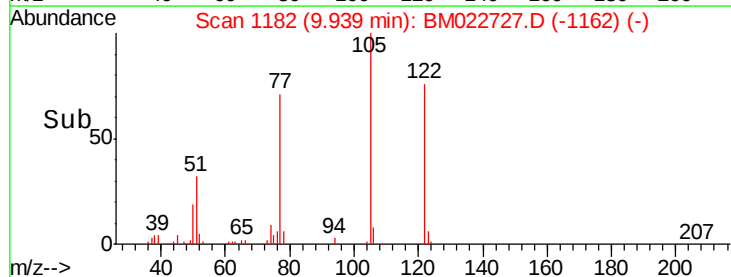
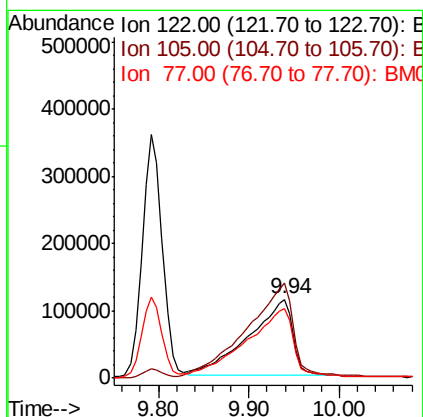
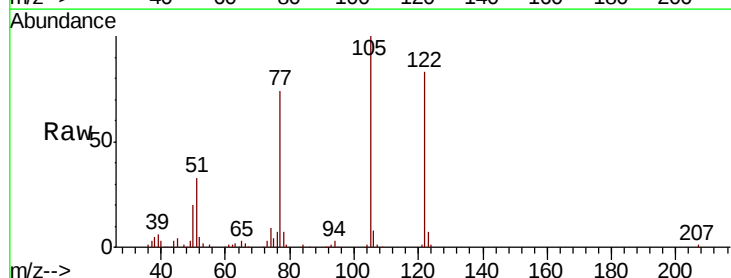
Instrument :  
BNA\_M  
ClientSampleId :

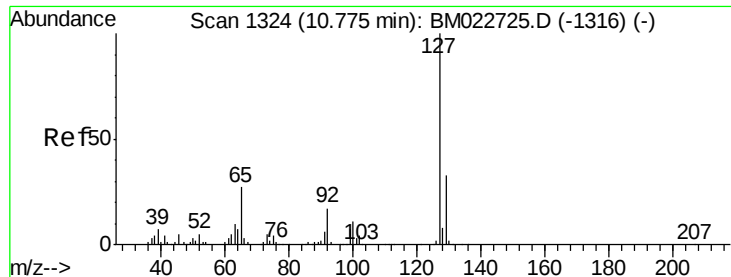
Tot Ion:128 Resp: 2171680  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.8 13.2  
127 12.9 10.2 15.4



#32  
Benzoic acid  
Concen: 44.642 ng  
RT: 9.94 min Scan# 1182  
Delta R.T. 0.02 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion:122 Resp: 381364  
Ion Ratio Lower Upper  
122 100  
105 120.2 105.3 145.3  
77 88.4 74.7 114.7

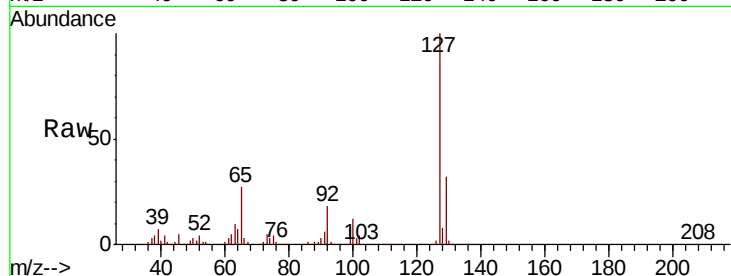




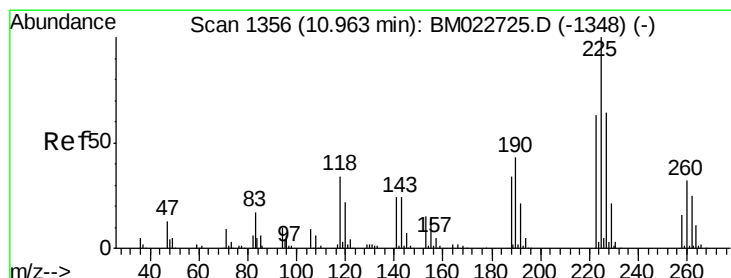
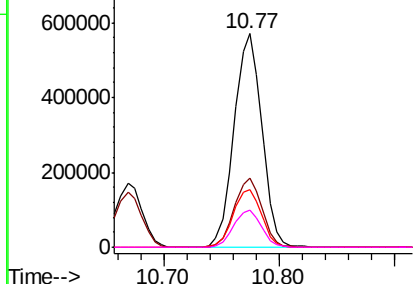
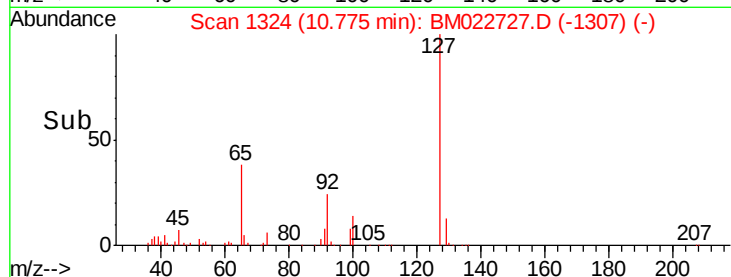
#33  
4-Chloroaniline  
Concen: 58.802 ng  
RT: 10.77 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Instrument :  
BNA\_M  
ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 951650 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.1  | 39.1   |
| 65       | 27.2  | 22.0  | 33.0   |
| 92       | 17.6  | 13.8  | 20.8   |

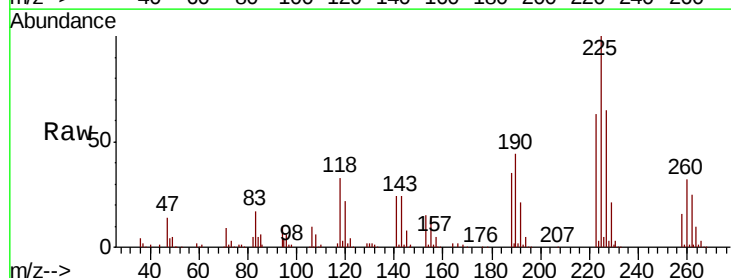


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM  
Ion 92.00 (91.70 to 92.70): BM

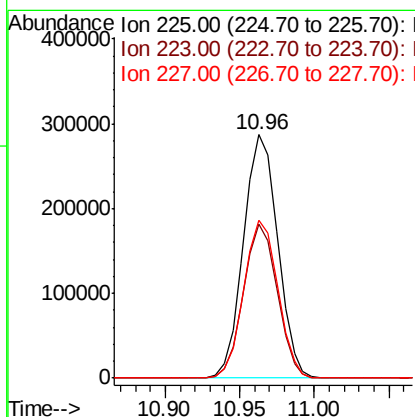
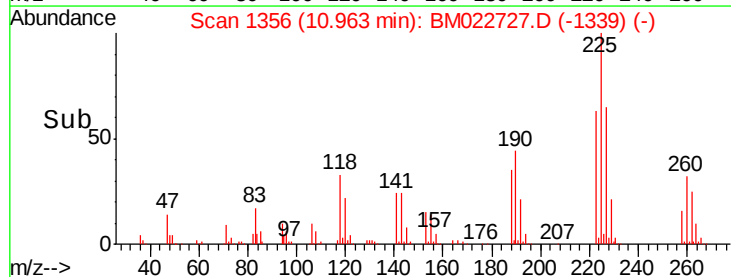


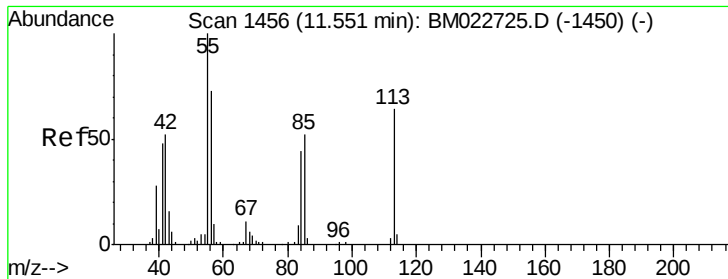
#34  
Hexachlorobutadiene  
Concen: 35.680 ng  
RT: 10.96 min Scan# 1356  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 455398 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.2  | 50.2  | 75.4   |
| 227      | 64.8  | 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: 58.638 ng

RT: 11.56 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

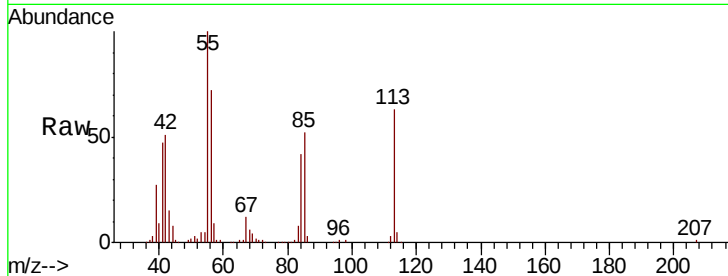
Tot Ion:113 Resp: 190349

Ion Ratio Lower Upper

113 100

55 159.3 136.8 176.8

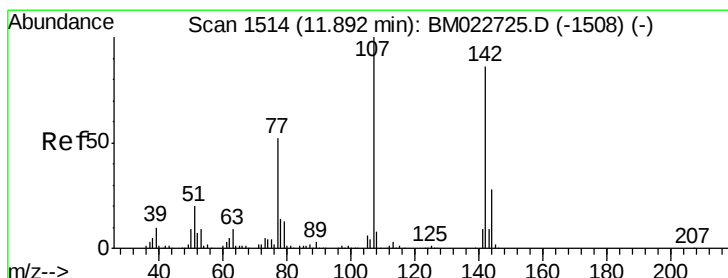
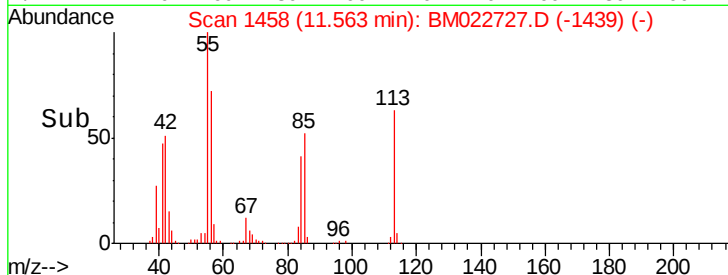
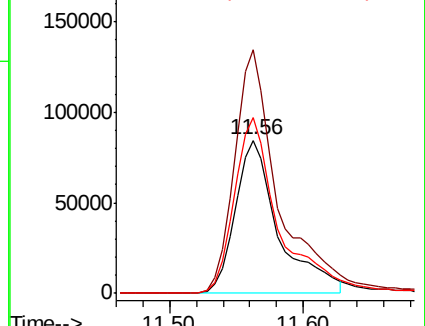
56 115.1 95.2 135.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 48.264 ng

RT: 11.90 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

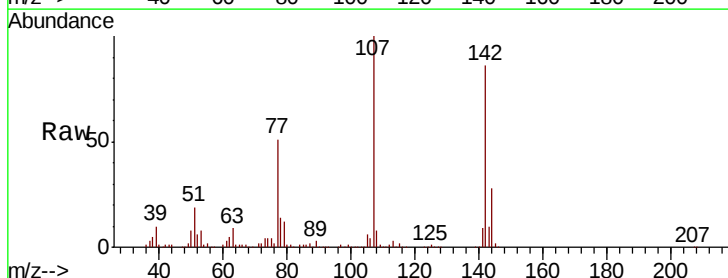
Tgt Ion:107 Resp: 616070

Ion Ratio Lower Upper

107 100

144 28.0 22.4 33.6

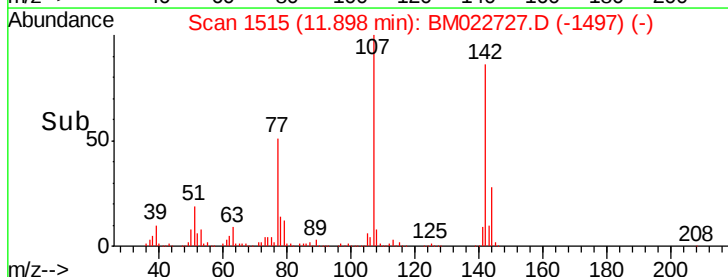
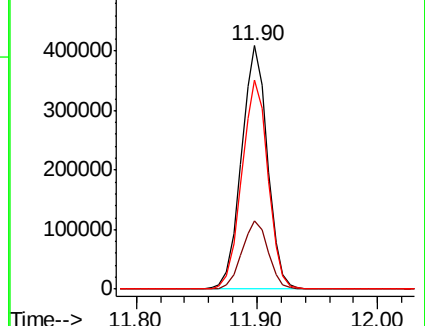
142 85.8 68.2 102.4

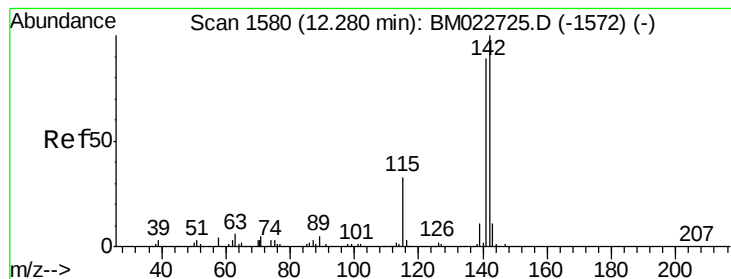


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 53.681 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

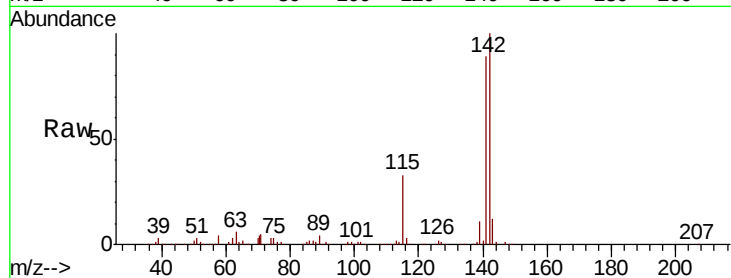
Tot Ion:142 Resp: 1517359

Ion Ratio Lower Upper

142 100

141 88.6 71.5 107.3

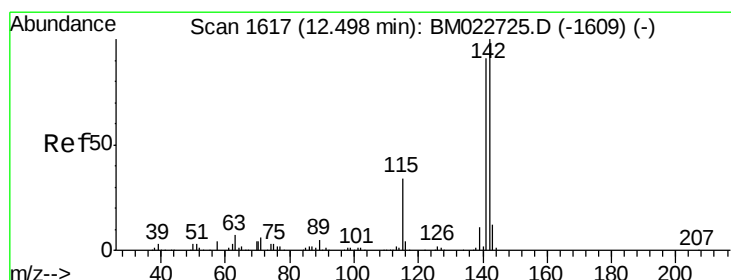
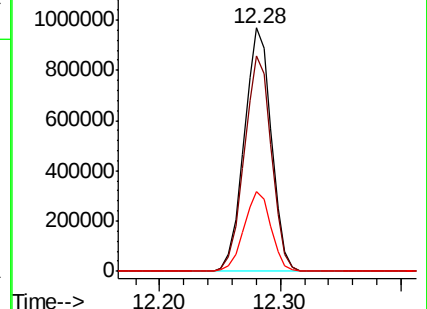
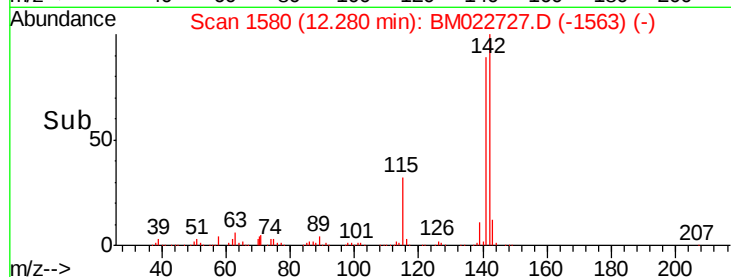
115 32.5 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 53.346 ng

RT: 12.50 min Scan# 1618

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

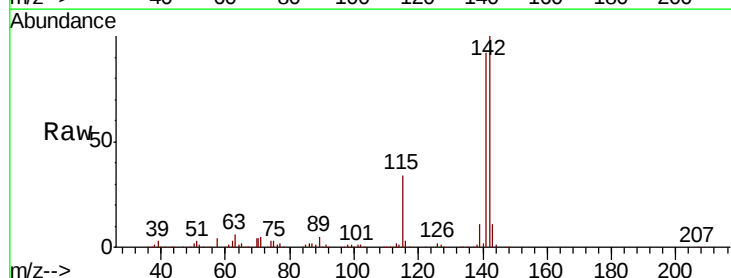
Tgt Ion:142 Resp: 1440295

Ion Ratio Lower Upper

142 100

141 91.8 73.0 109.4

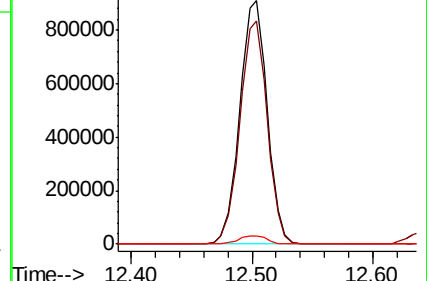
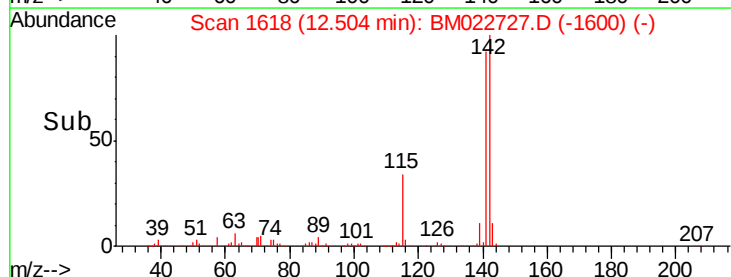
116 3.5 2.9 4.3

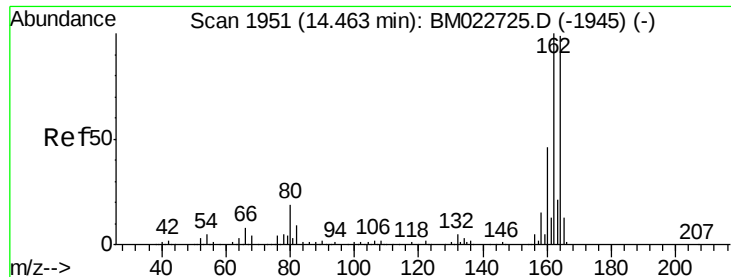


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

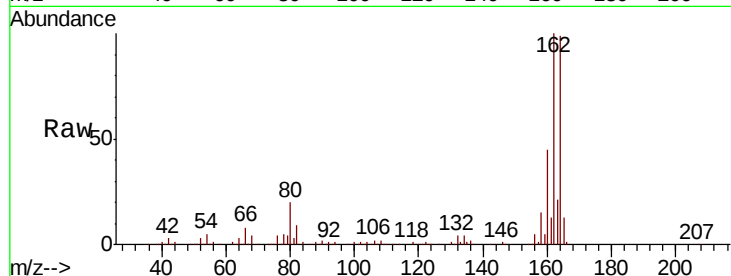
Tot Ion:164 Resp: 422880

Ion Ratio Lower Upper

164 100

162 101.5 81.1 121.7

160 45.8 36.9 55.3

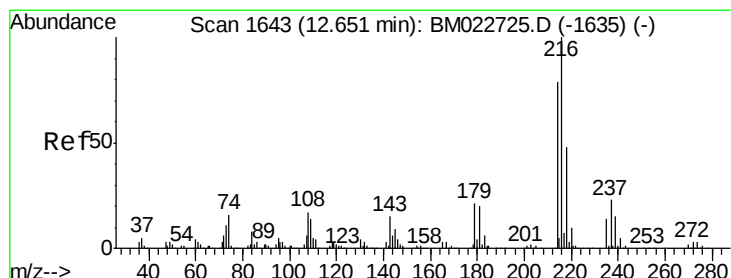
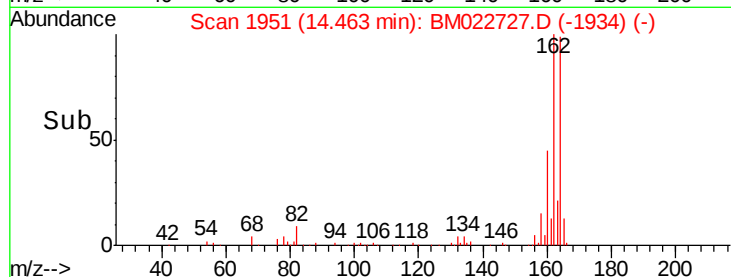
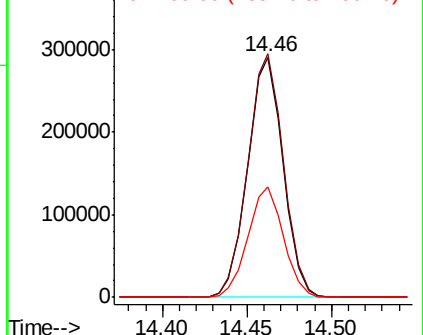


Abundance

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: 50.353 ng

RT: 12.65 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Tgt Ion:216 Resp: 833489

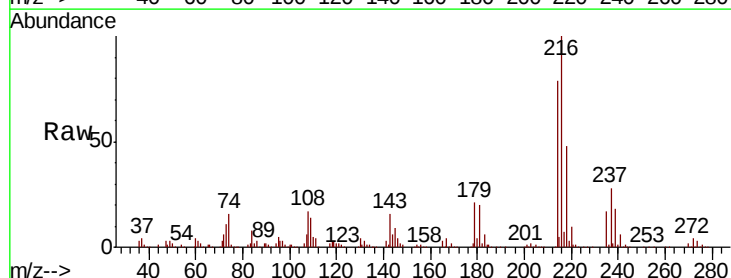
Ion Ratio Lower Upper

216 100

214 79.1 62.9 94.3

179 20.6 16.6 24.8

108 17.9 14.2 21.4



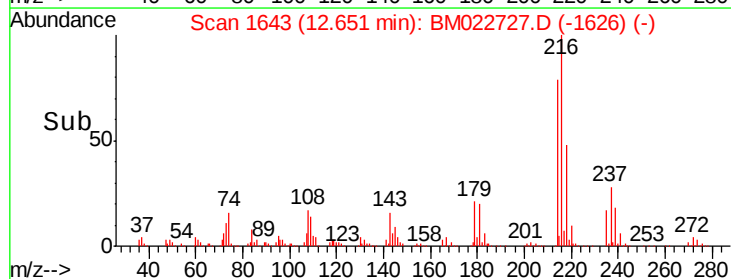
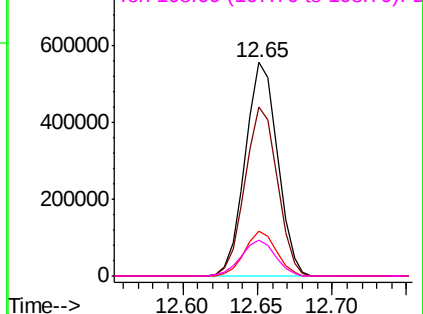
Abundance

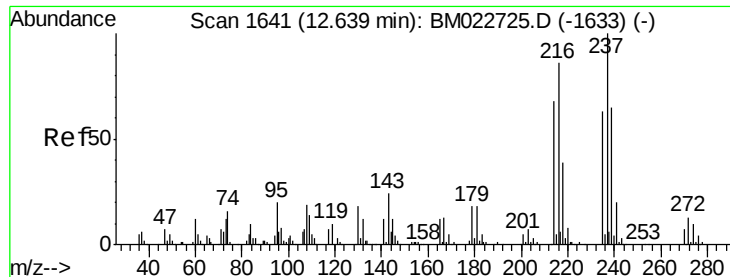
Ion 216.00 (215.70 to 216.70): E

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: 61.984 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

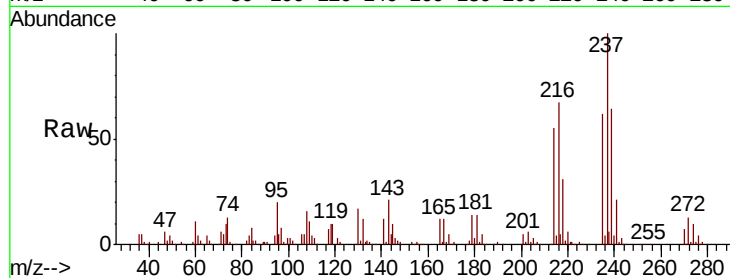
Tot Ion:237 Resp: 477516

Ion Ratio Lower Upper

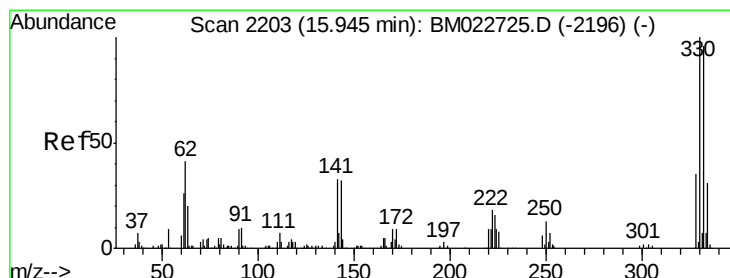
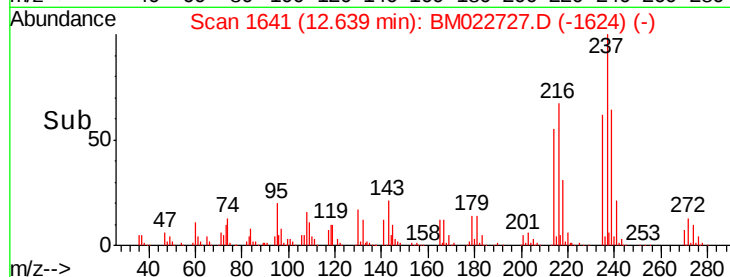
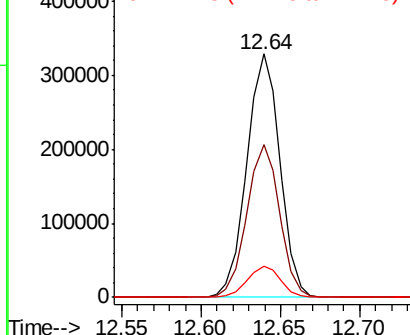
237 100

235 62.5 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: 94.404 ng

RT: 15.94 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

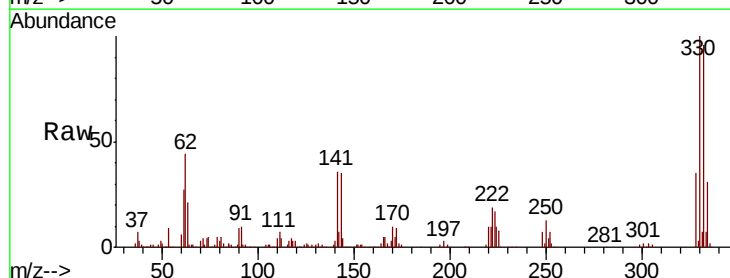
Tgt Ion:330 Resp: 646167

Ion Ratio Lower Upper

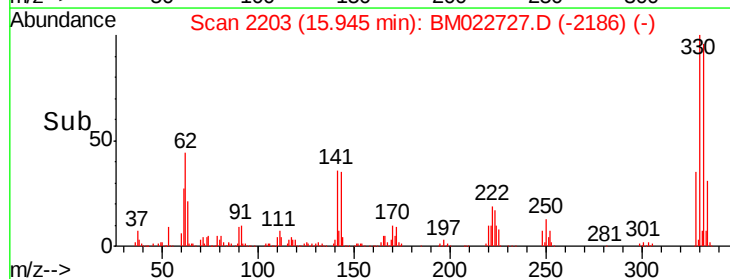
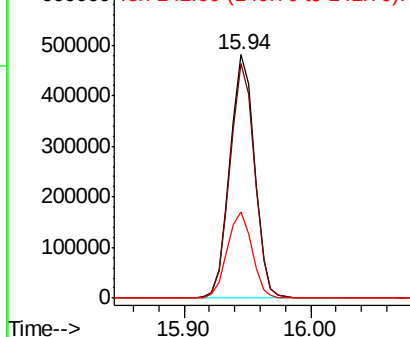
330 100

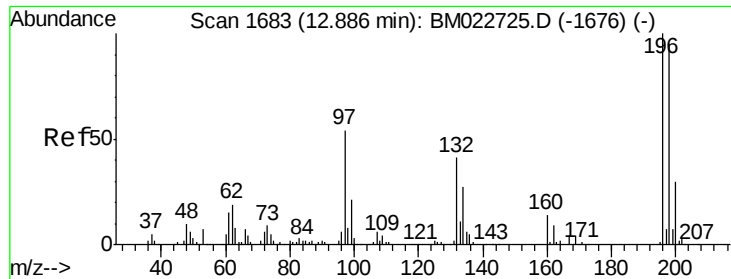
332 96.1 76.9 115.3

141 35.7 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

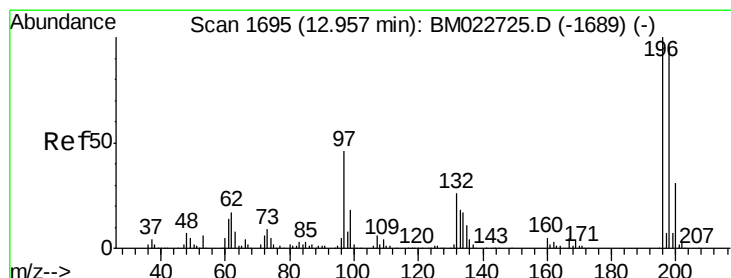
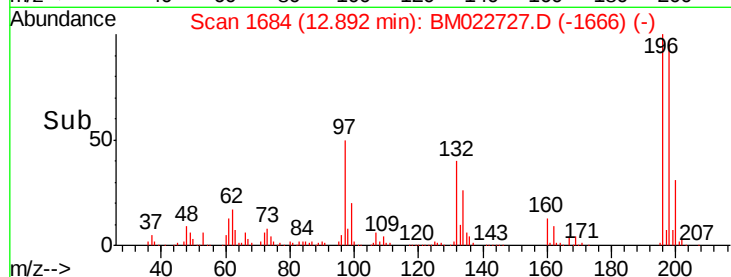
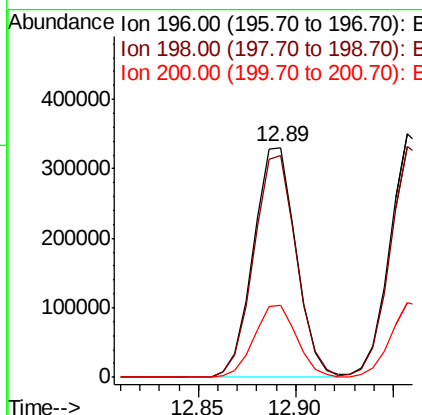
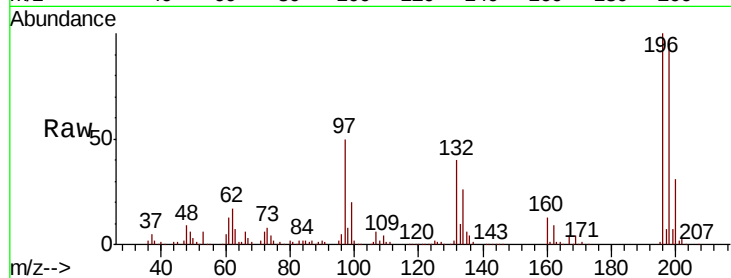




#43  
 2,4,6-Trichlorophenol  
 Concen: 50.659 ng  
 RT: 12.89 min Scan# 1684  
 Delta R.T. 0.01 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

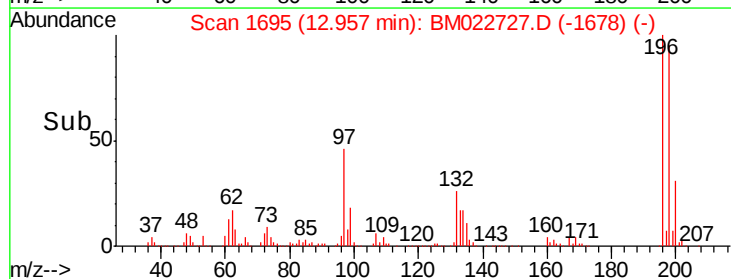
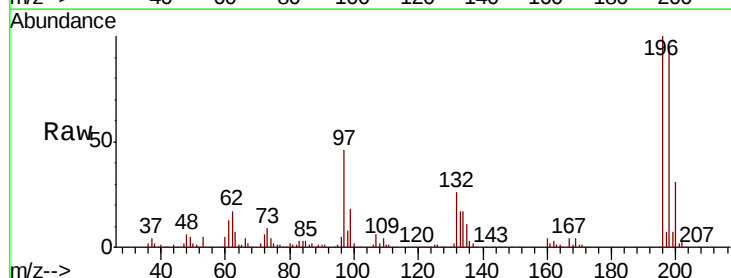
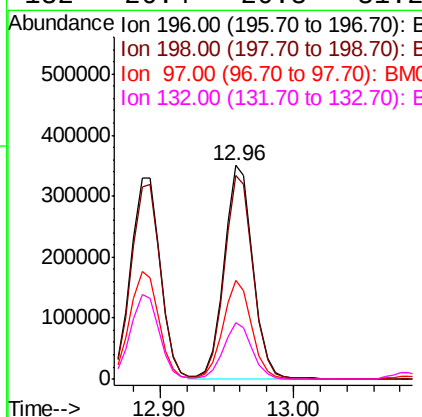
Instrument :  
 BNA\_M  
 ClientSampled :

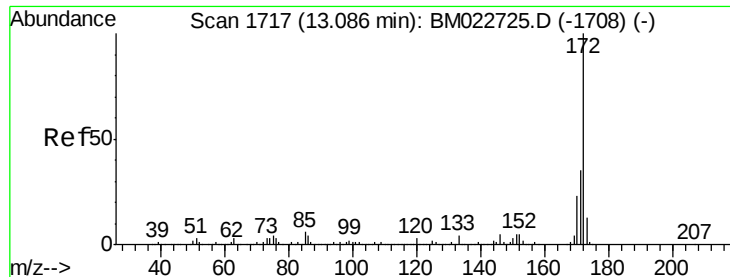
Tot Ion:196 Resp: 502673  
 Ion Ratio Lower Upper  
 196 100  
 198 96.8 76.3 114.5  
 200 31.4 24.4 36.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 52.099 ng  
 RT: 12.96 min Scan# 1695  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

Tgt Ion:196 Resp: 524753  
 Ion Ratio Lower Upper  
 196 100  
 198 95.0 77.0 115.4  
 97 46.4 37.2 55.8  
 132 26.4 20.8 31.2

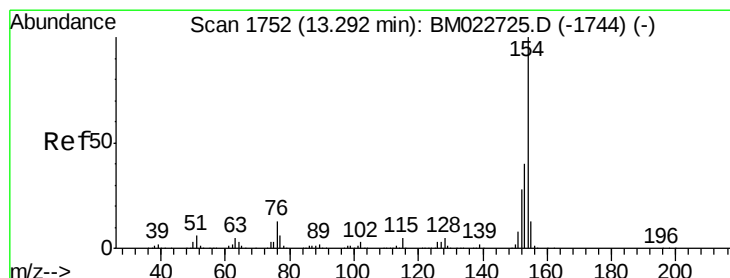
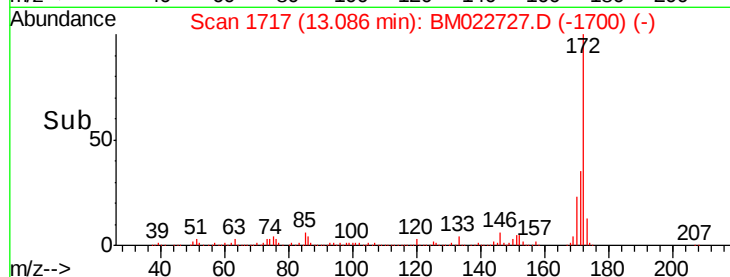
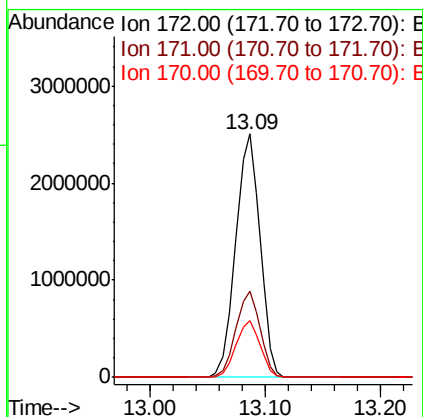
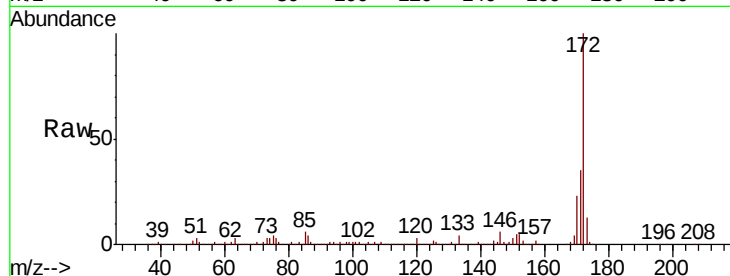




#45  
2-Fluorobiphenyl  
Concen: 107.981 ng  
RT: 13.09 min Scan# 1717  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

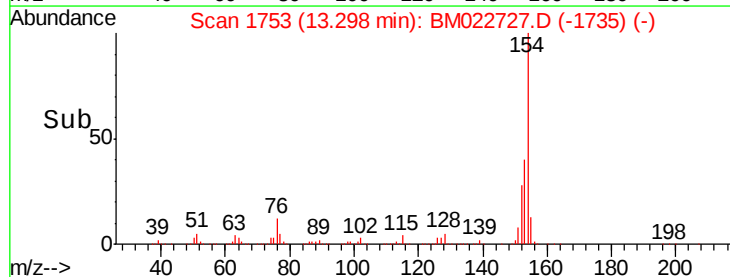
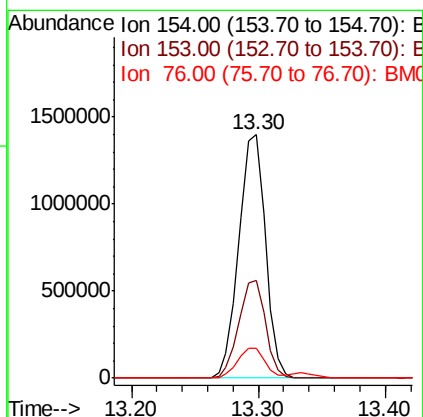
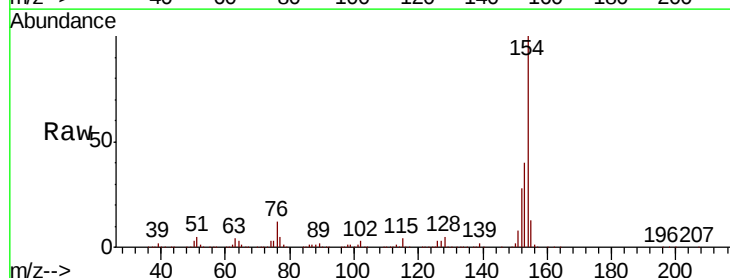
Instrument :  
BNA\_M  
ClientSampleId :

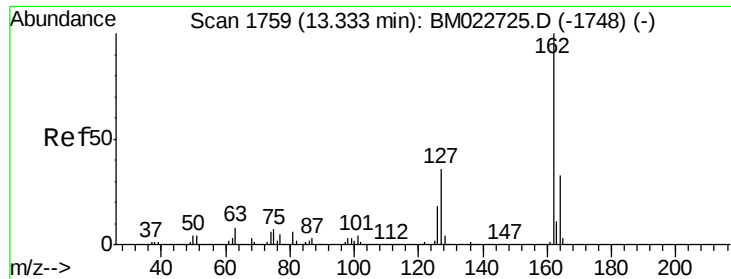
Tot Ion:172 Resp: 3655981  
Ion Ratio Lower Upper  
172 100  
171 35.3 27.8 41.8  
170 23.4 18.7 28.1



#46  
1,1'-Biphenyl  
Concen: 61.225 ng  
RT: 13.30 min Scan# 1753  
Delta R.T. 0.01 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion:154 Resp: 2036163  
Ion Ratio Lower Upper  
154 100  
153 39.9 20.1 60.1  
76 12.0 0.0 32.6

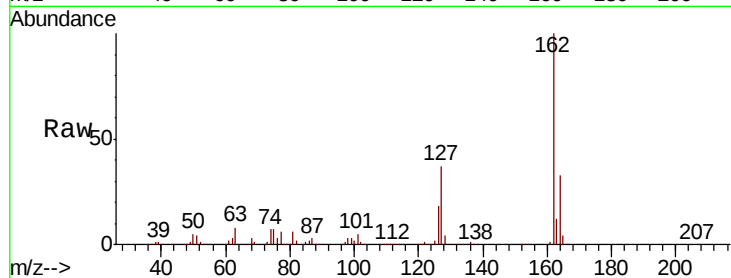




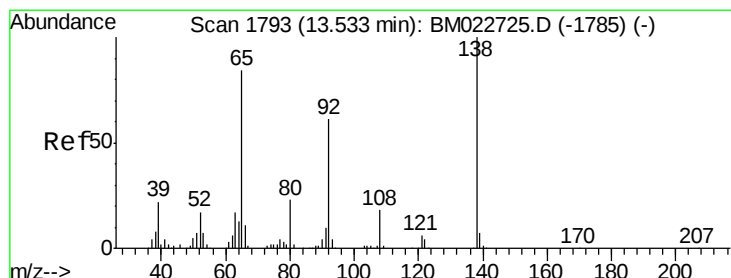
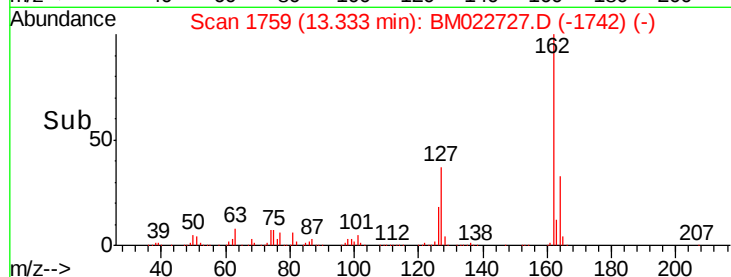
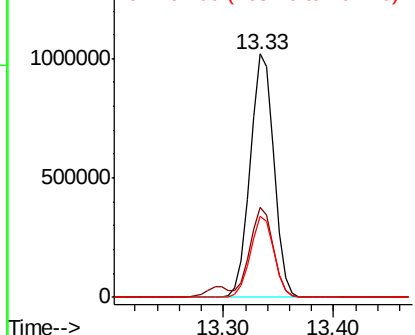
#47  
 2-Chloronaphthalene  
 Concen: 56.327 ng  
 RT: 13.33 min Scan# 1759  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:162 Resp: 1541673  
 Ion Ratio Lower Upper  
 162 100  
 127 37.2 29.0 43.6  
 164 33.1 26.0 39.0

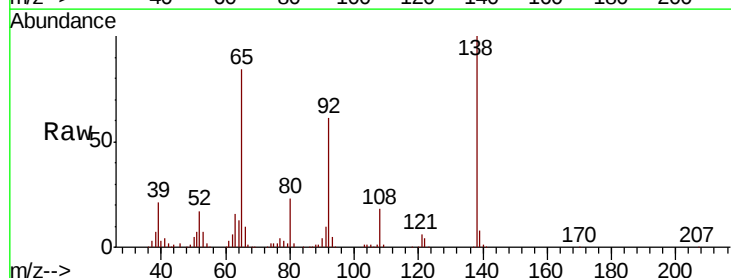


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

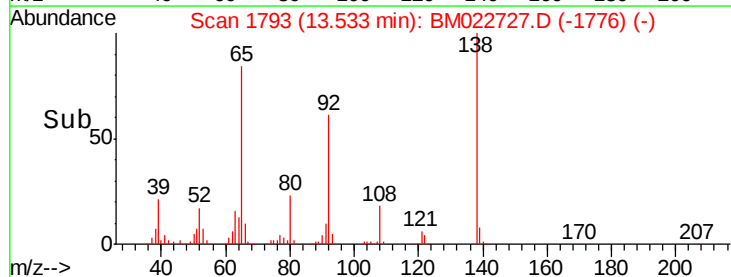
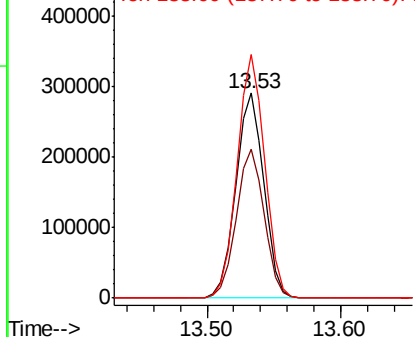


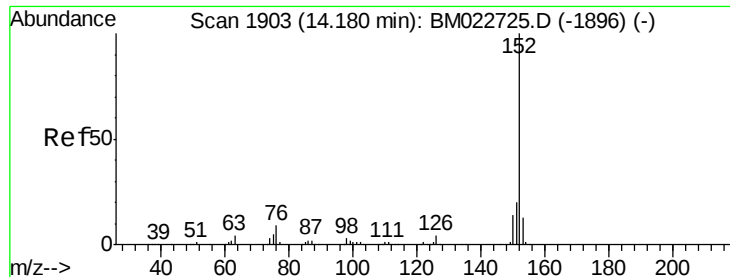
#48  
 2-Nitroaniline  
 Concen: 48.940 ng  
 RT: 13.53 min Scan# 1793  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

Tgt Ion: 65 Resp: 423394  
 Ion Ratio Lower Upper  
 65 100  
 92 72.6 58.6 87.8  
 138 118.7 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: 55.096 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

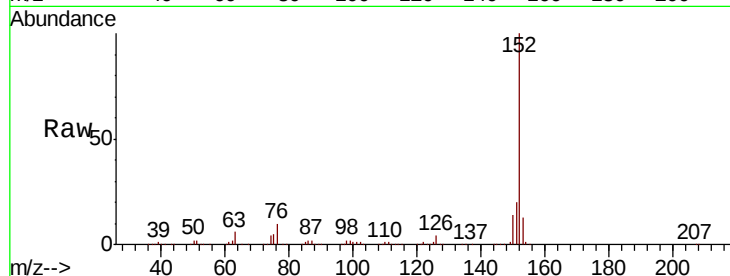
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 2313053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.1  | 15.9  | 23.9  |
| 153 | 13.3  | 10.5  | 15.7  |

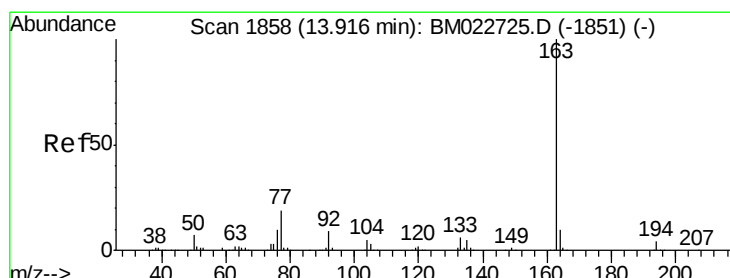
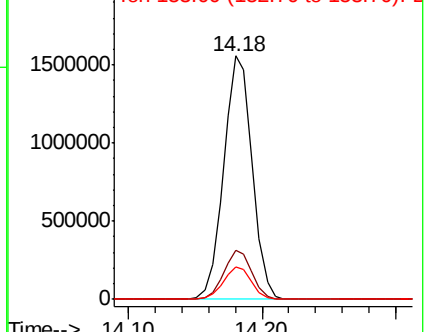
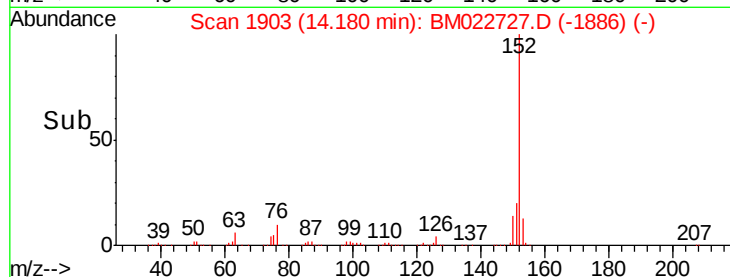


Abundance

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: 51.003 ng

RT: 13.92 min Scan# 1859

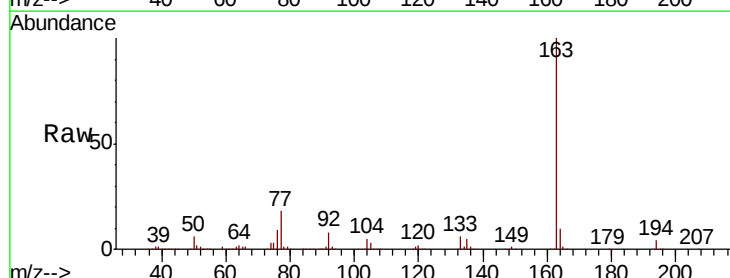
Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Tgt Ion:163 Resp: 1813324

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.1   | 3.3   | 4.9   |
| 164 | 10.0  | 8.2   | 12.2  |

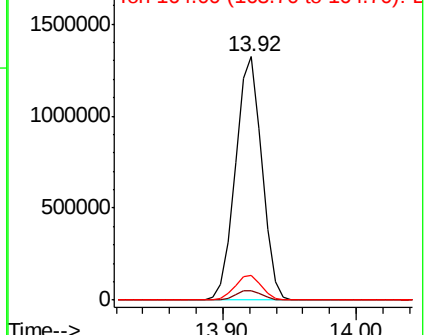
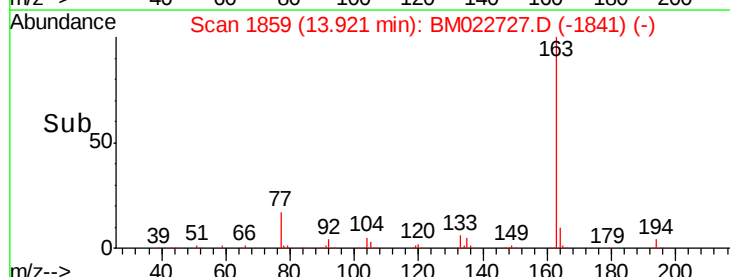


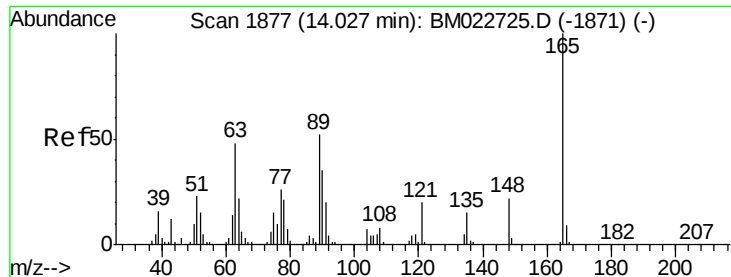
Abundance

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: 55.354 ng

RT: 14.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

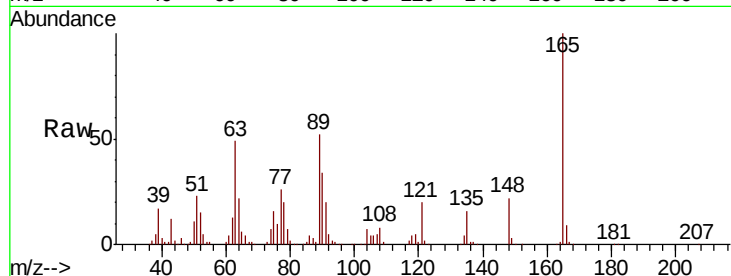
Tot Ion:165 Resp: 388652

Ion Ratio Lower Upper

165 100

63 49.3 38.6 58.0

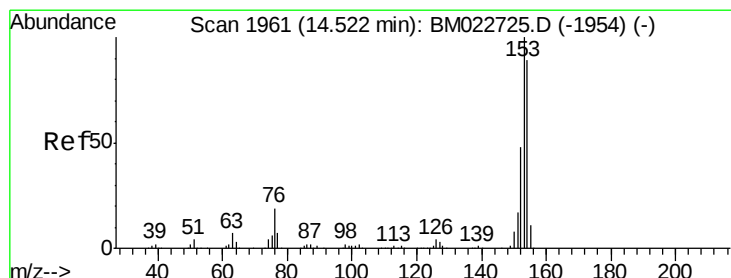
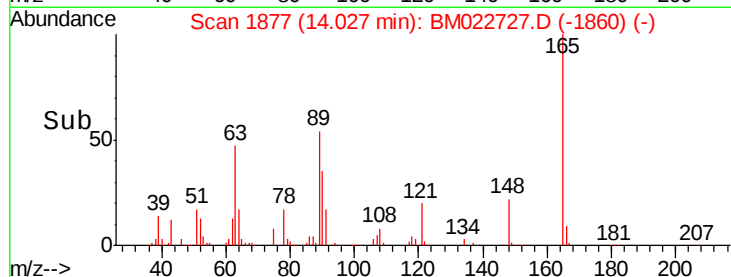
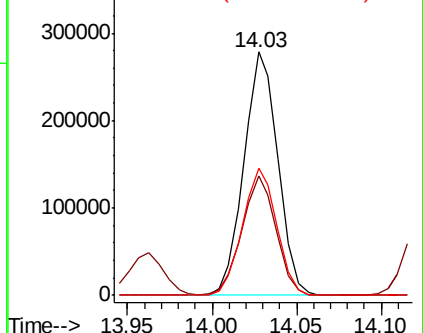
89 52.2 41.6 62.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM



#52

Acenaphthene

Concen: 62.013 ng

RT: 14.53 min Scan# 1962

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

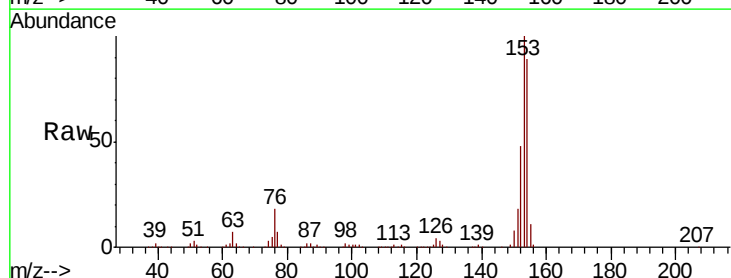
Tgt Ion:154 Resp: 1518226

Ion Ratio Lower Upper

154 100

153 111.9 90.0 135.0

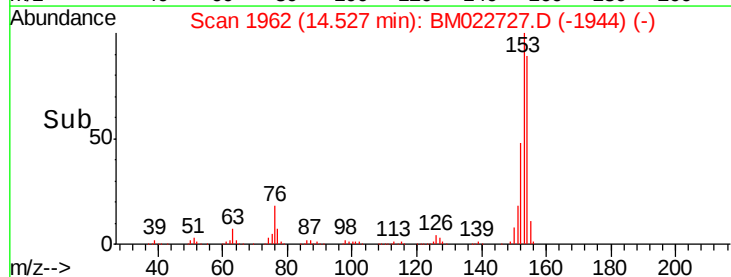
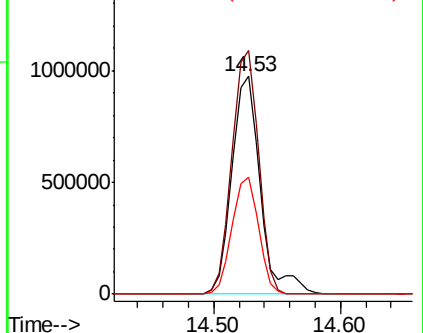
152 53.8 42.9 64.3

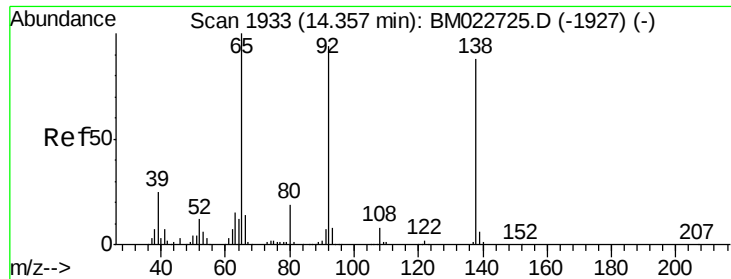


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

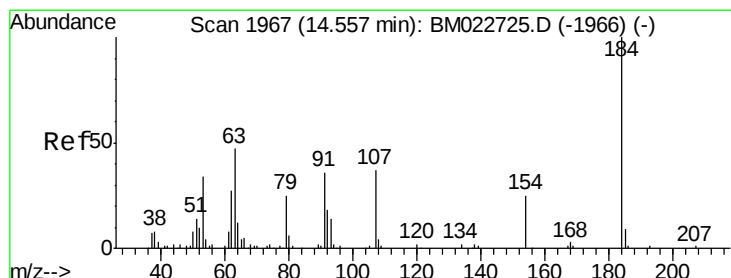
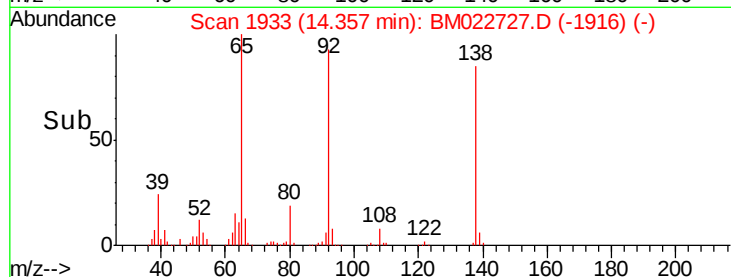
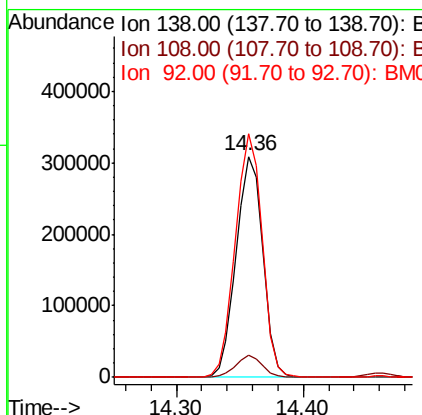
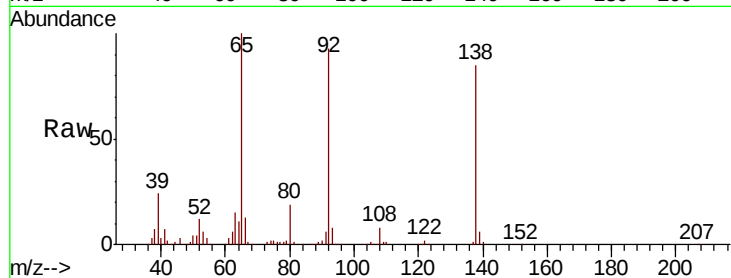




#53  
3-Nitroaniline  
Concen: 64.396 ng  
RT: 14.36 min Scan# 1933  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

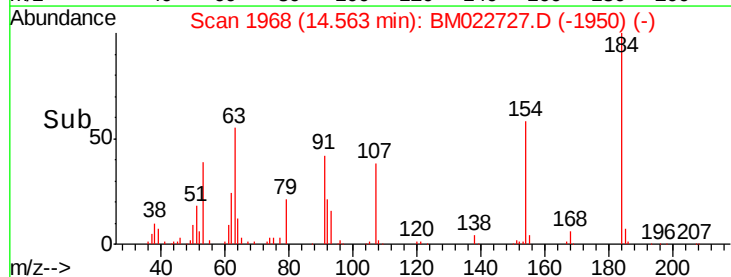
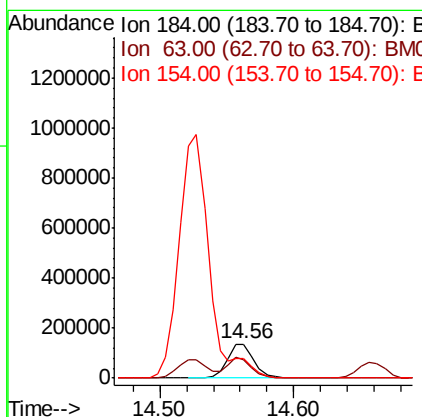
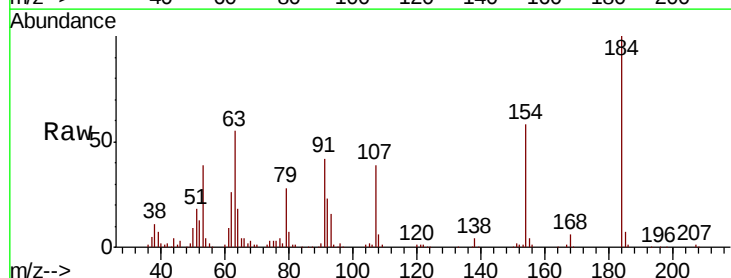
Instrument :  
BNA\_M  
ClientSampleId :

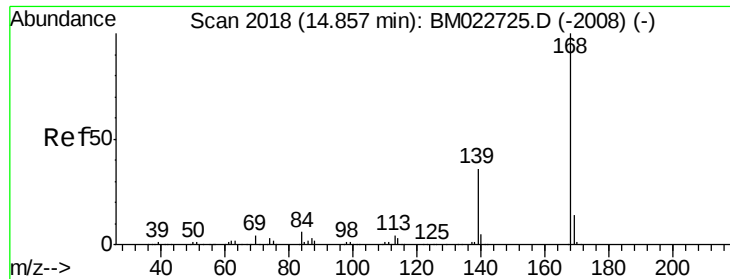
Tot Ion:138 Resp: 450273  
Ion Ratio Lower Upper  
138 100  
108 9.8 7.3 10.9  
92 110.2 86.3 129.5



#54  
2,4-Dinitrophenol  
Concen: 54.868 ng  
RT: 14.56 min Scan# 1968  
Delta R.T. 0.01 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion:184 Resp: 190429  
Ion Ratio Lower Upper  
184 100  
63 55.0 48.5 72.7  
154 58.3 48.1 72.1





#55

Dibenzofuran

Concen: 53.220 ng

RT: 14.86 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

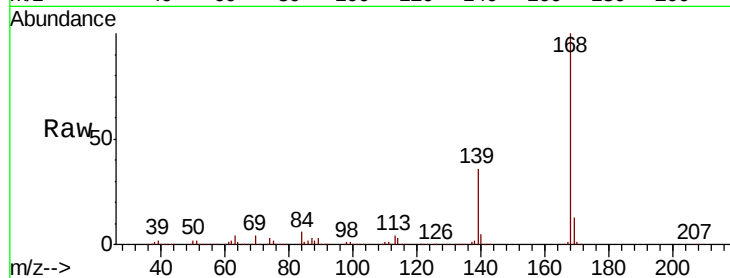
Tot Ion:168 Resp: 2165114

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 36.4  | 28.8  | 43.2  |
| 169 | 13.4  | 10.9  | 16.3  |

168 100

139 36.4 28.8 43.2

169 13.4 10.9 16.3

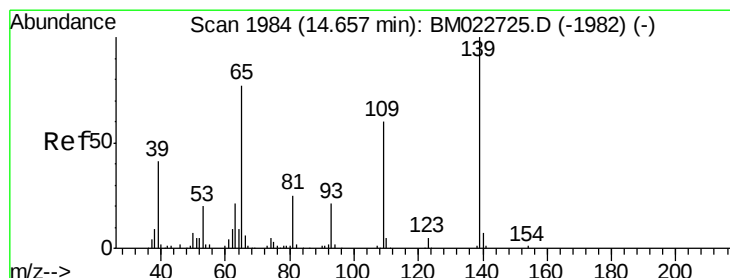
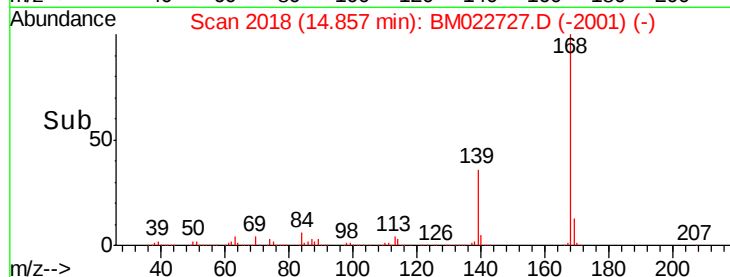
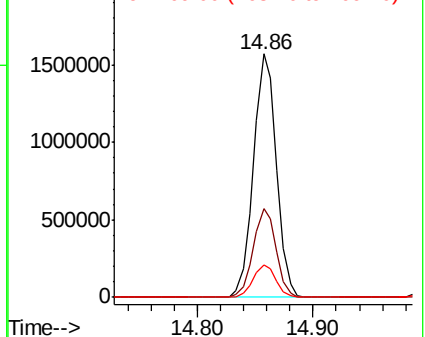


Abundance

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: 75.463 ng

RT: 14.66 min Scan# 1985

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

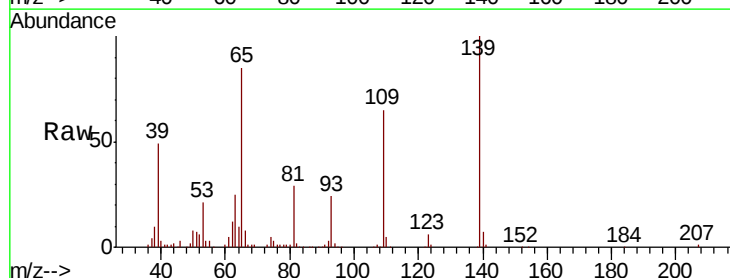
Tgt Ion:139 Resp: 351669

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 65.0  | 44.8  | 84.8  |
| 65  | 85.1  | 66.6  | 106.6 |

139 100

109 65.0 44.8 84.8

65 85.1 66.6 106.6

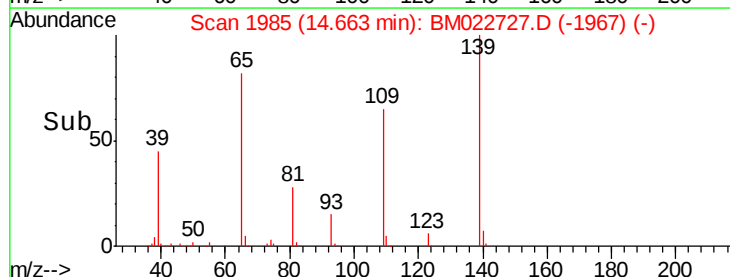
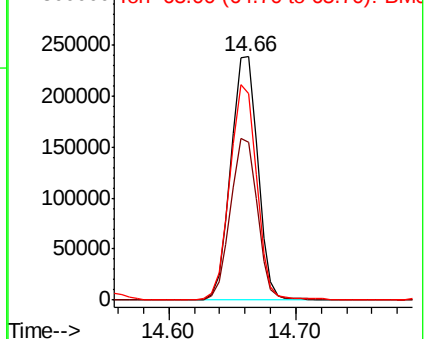


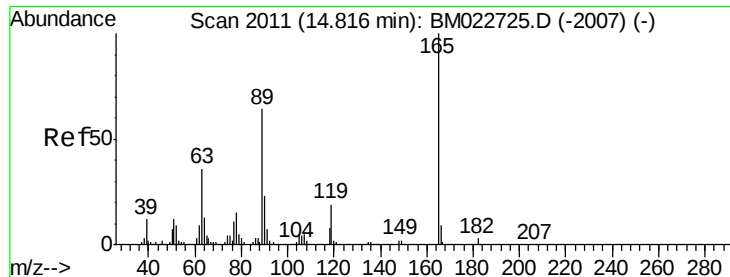
Abundance

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

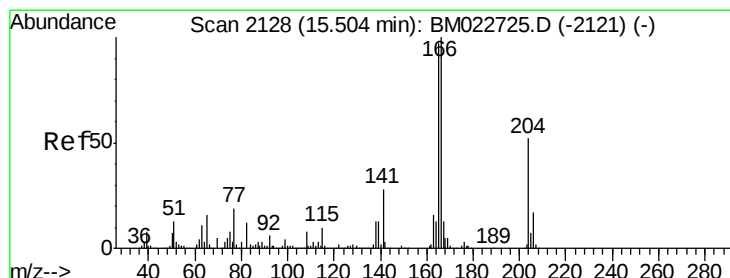
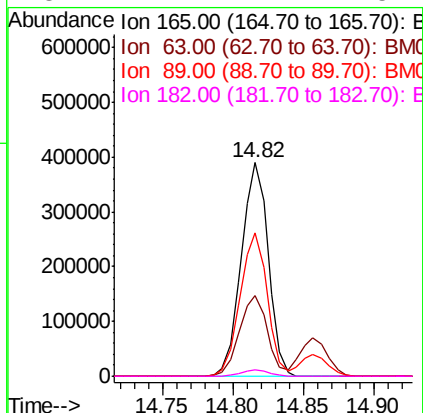
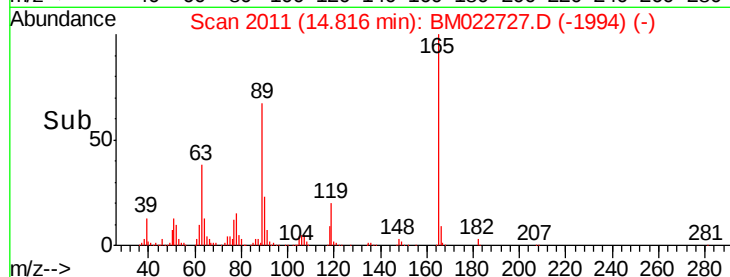
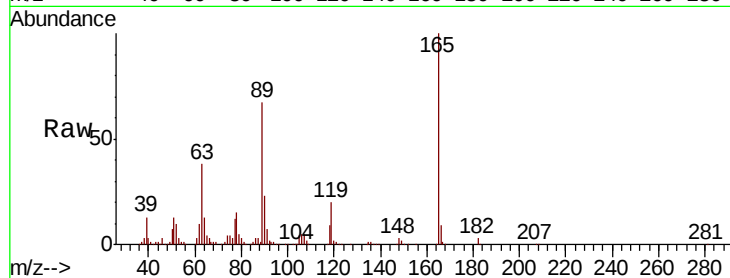




#57  
 2,4-Dinitrotoluene  
 Concen: 51.615 ng  
 RT: 14.82 min Scan# 2011  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

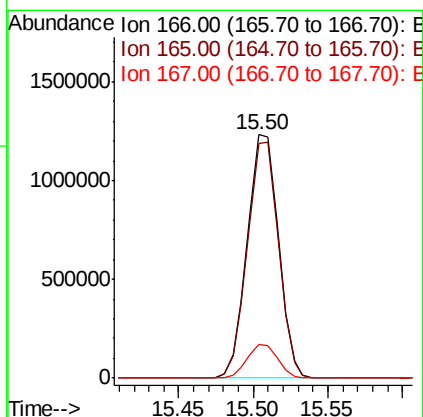
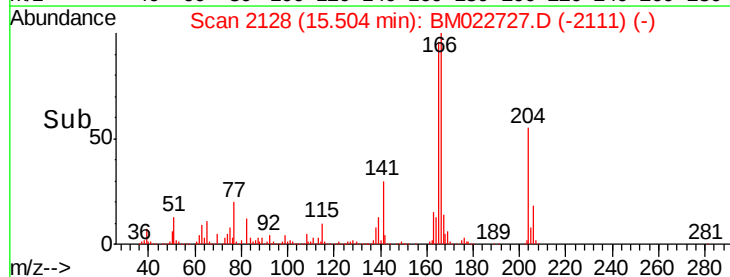
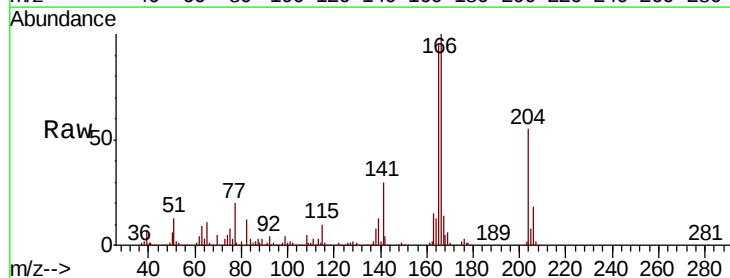
Instrument :  
 BNA\_M  
 ClientSampled :

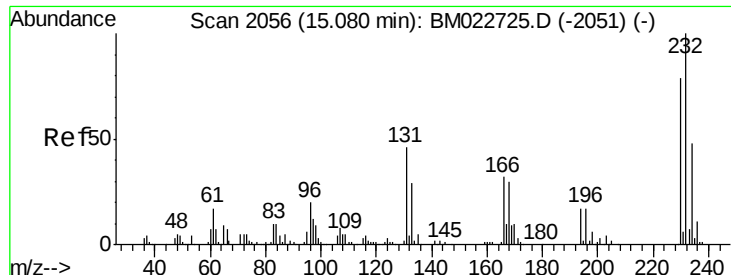
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 38.0  | 30.1  | 45.1  |
| 89      | 66.9  | 52.5  | 78.7  |
| 182     | 2.7   | 2.2   | 3.4   |



#58  
 Fluorene  
 Concen: 51.906 ng  
 RT: 15.50 min Scan# 2128  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 96.4  | 77.6  | 116.4 |
| 167     | 13.7  | 10.8  | 16.2  |

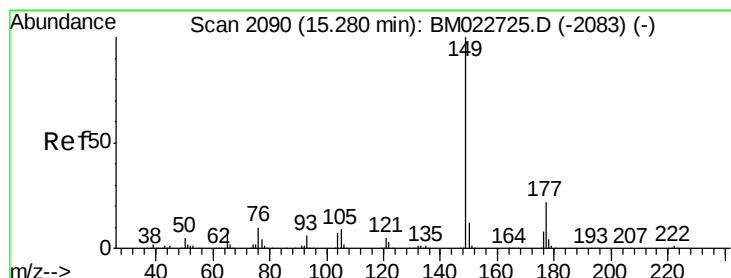
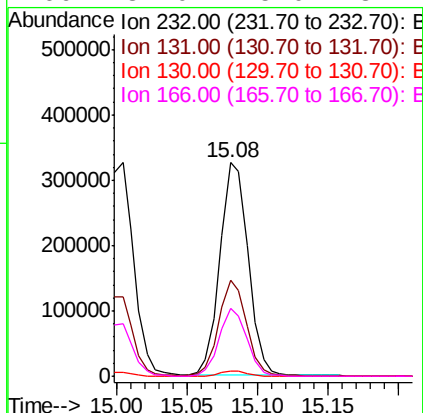
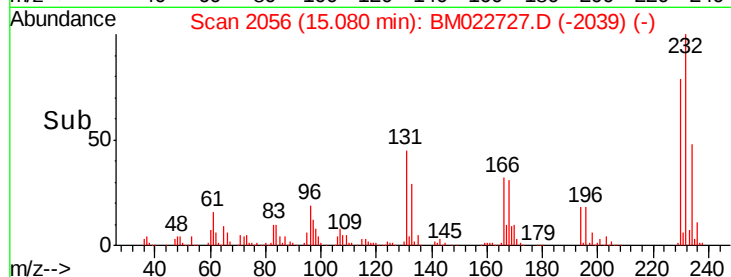
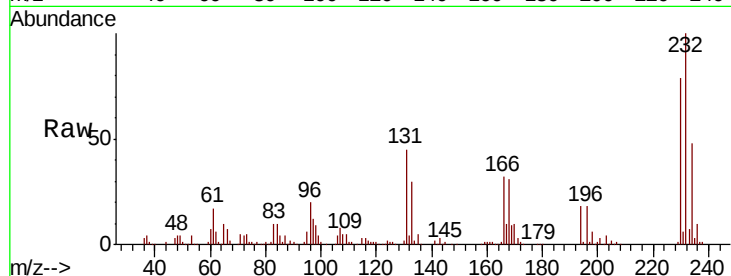




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 45.362 ng  
 RT: 15.08 min Scan# 2056  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

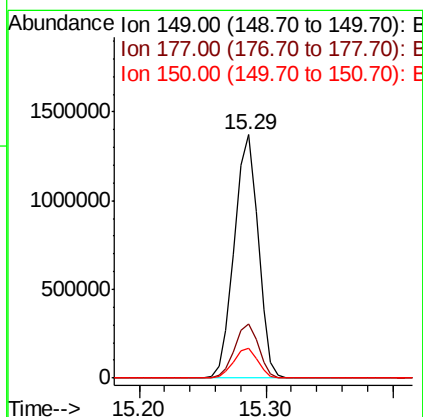
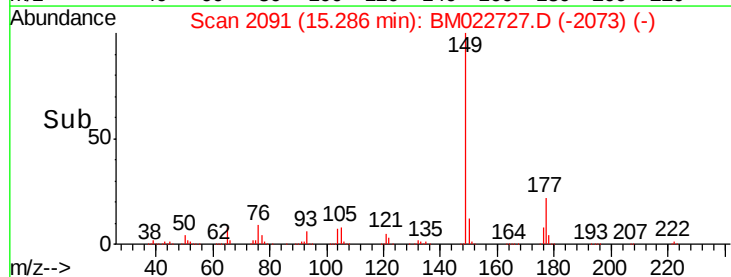
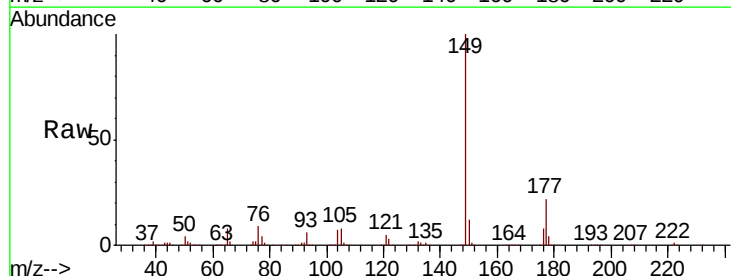
Instrument :  
 BNA\_M  
 ClientSampleId :

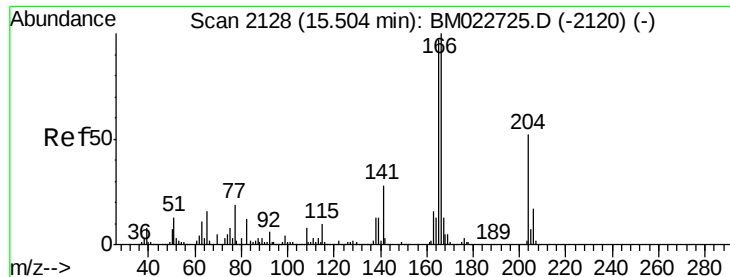
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 455529 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 44.1  | 36.3  | 54.5   |
| 130      | 2.3   | 1.8   | 2.8    |
| 166      | 31.0  | 25.0  | 37.4   |



#60  
 Diethylphthalate  
 Concen: 47.603 ng  
 RT: 15.29 min Scan# 2091  
 Delta R.T. 0.01 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1784710 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 22.5  | 17.6  | 26.4    |
| 150      | 12.1  | 9.9   | 14.9    |

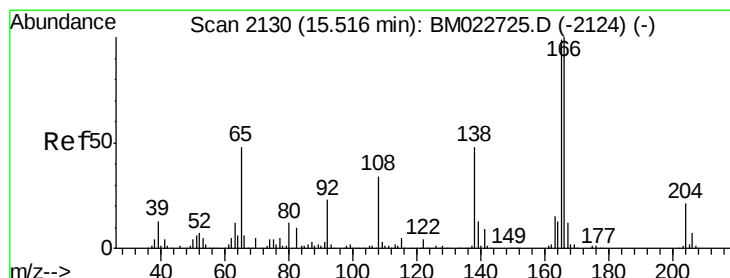
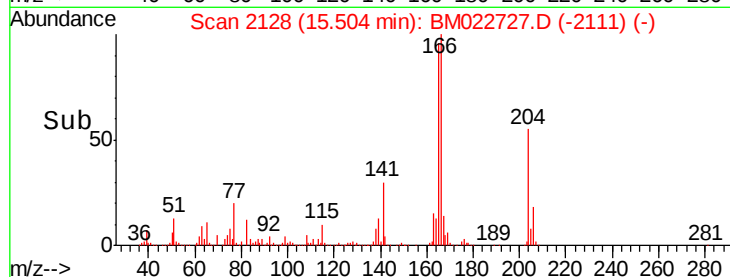
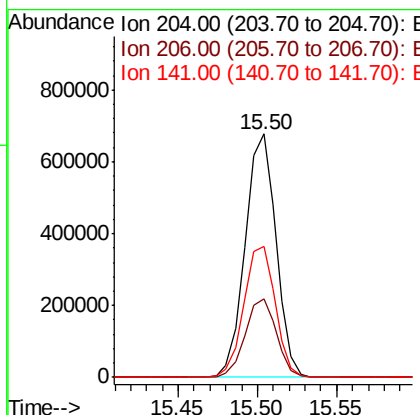
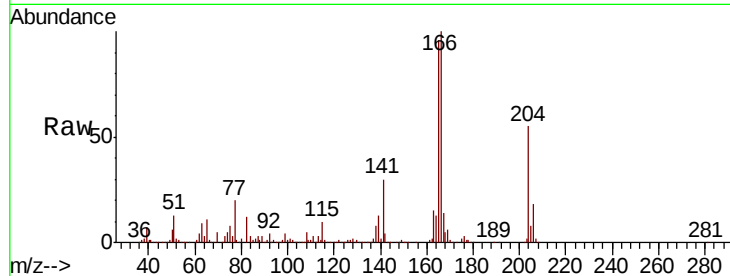




#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.351 ng  
 RT: 15.50 min Scan# 2128  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

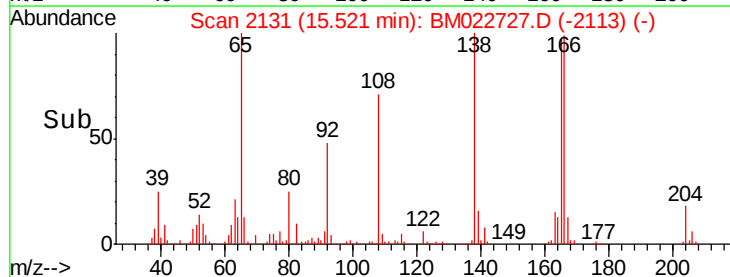
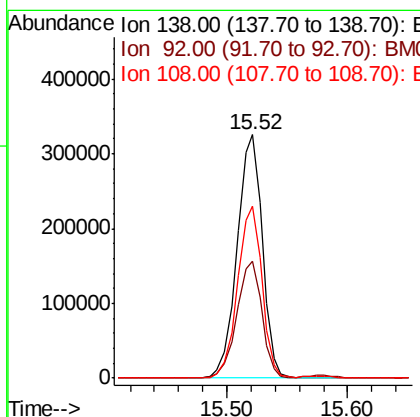
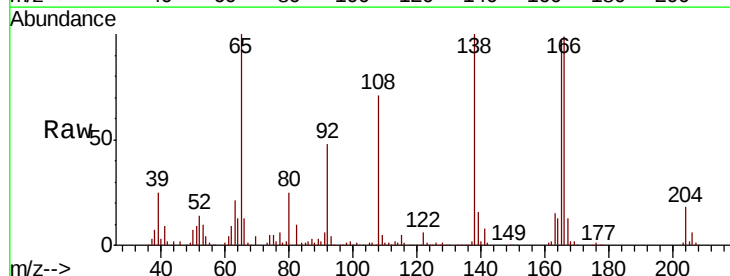
Instrument :  
 BNA\_M  
 ClientSampled :

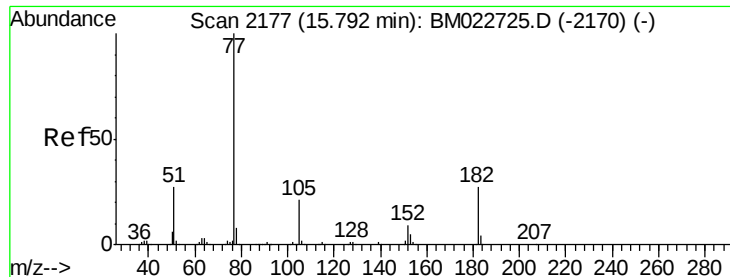
Tot Ion:204 Resp: 915402  
 Ion Ratio Lower Upper  
 204 100  
 206 32.3 26.2 39.4  
 141 53.9 42.6 64.0



#62  
 4-Nitroaniline  
 Concen: 73.438 ng  
 RT: 15.52 min Scan# 2131  
 Delta R.T. 0.01 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

Tgt Ion:138 Resp: 475262  
 Ion Ratio Lower Upper  
 138 100  
 92 48.2 28.7 68.7  
 108 70.8 50.3 90.3





#63

Azobenzene

Concen: 44.867 ng

RT: 15.79 min Scan# 2177

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 1620937

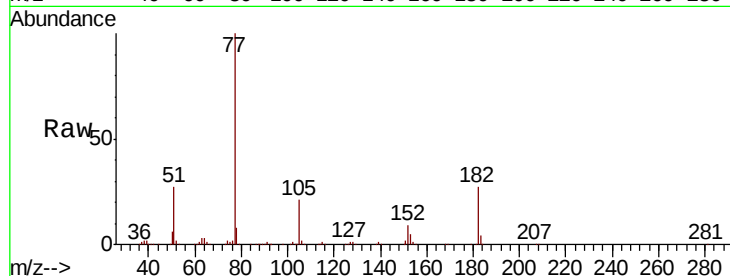
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 26.7  | 7.0   | 47.0  |
| 105 | 21.0  | 0.9   | 40.9  |
| 51  | 26.6  | 6.6   | 46.6  |

77 100

182 26.7 7.0 47.0

105 21.0 0.9 40.9

51 26.6 6.6 46.6



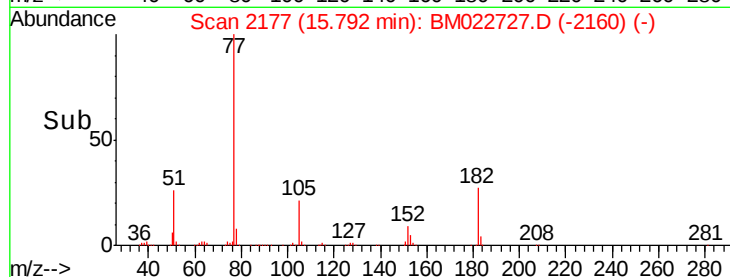
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

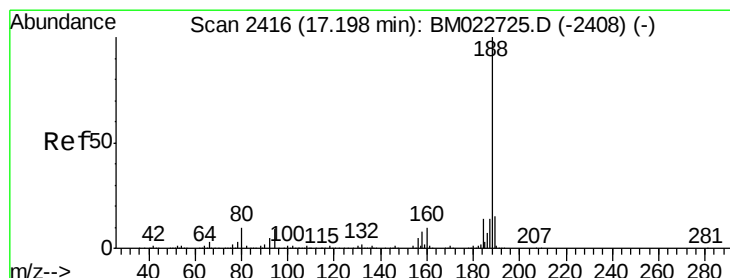
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

15.79



Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

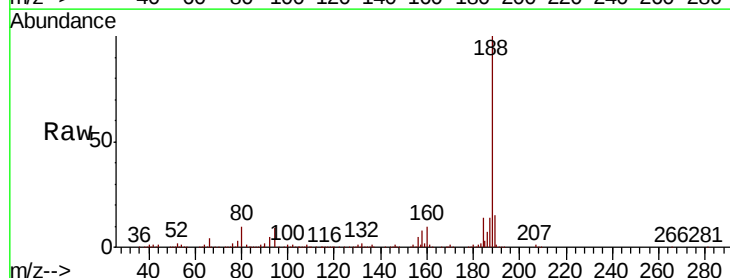
Tgt Ion: 188 Resp: 819795

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 9.1   | 7.3   | 10.9  |
| 80  | 10.0  | 7.8   | 11.8  |

188 100

94 9.1 7.3 10.9

80 10.0 7.8 11.8

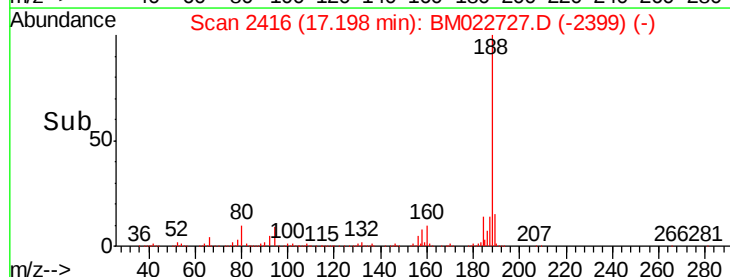


Abundance Ion 188.00 (187.70 to 188.70): E

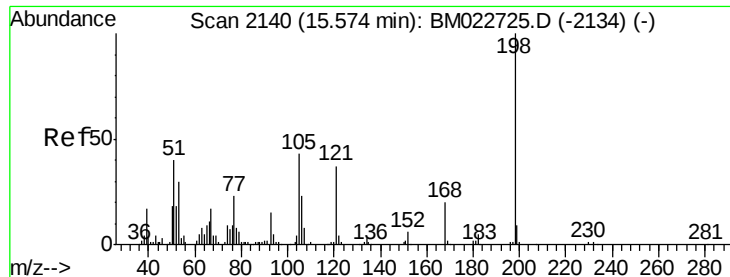
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

17.20



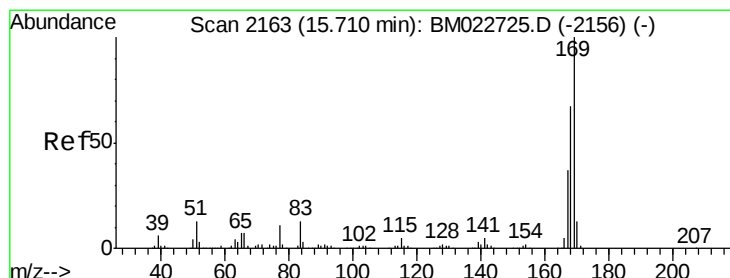
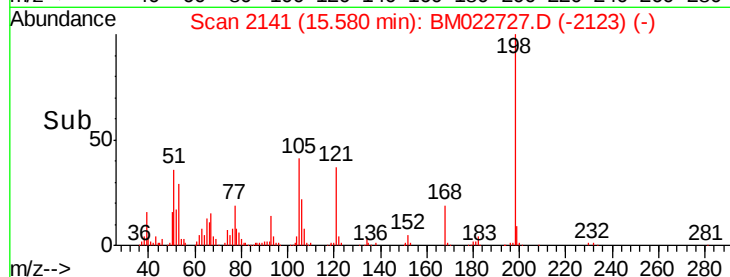
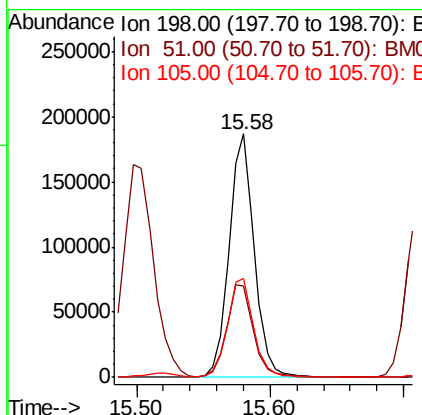
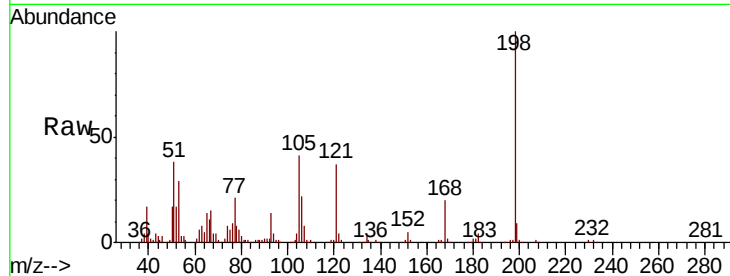
Time-->



#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 50.048 ng  
 RT: 15.58 min Scan# 2141  
 Delta R.T. 0.01 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

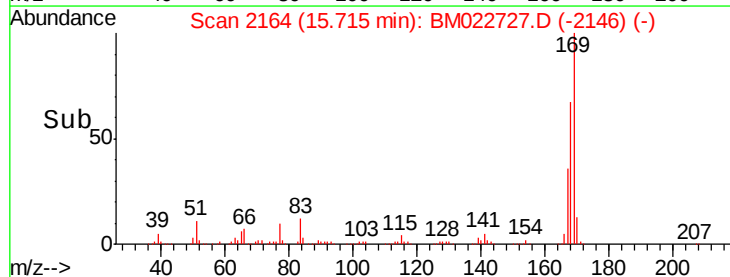
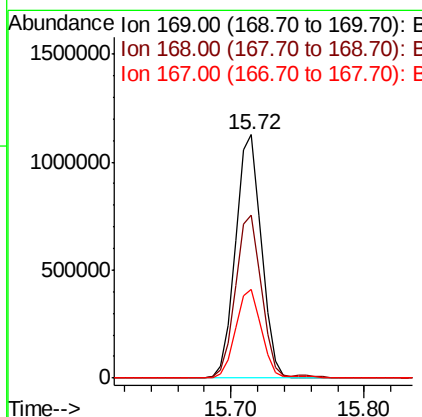
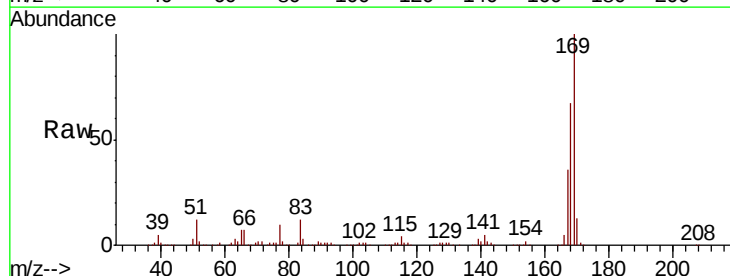
Instrument :  
 BNA\_M  
 ClientSampled :

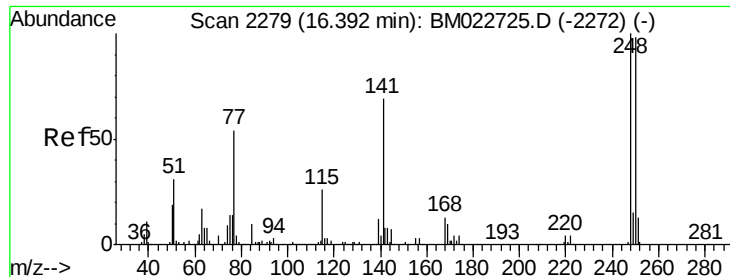
Tot Ion:198 Resp: 246342  
 Ion Ratio Lower Upper  
 198 100  
 51 37.7 21.0 61.0  
 105 40.7 22.5 62.5



#66  
 n-Nitrosodiphenylamine  
 Concen: 57.634 ng  
 RT: 15.72 min Scan# 2164  
 Delta R.T. 0.01 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

Tgt Ion:169 Resp: 1514996  
 Ion Ratio Lower Upper  
 169 100  
 168 67.0 53.4 80.2  
 167 36.3 29.3 43.9

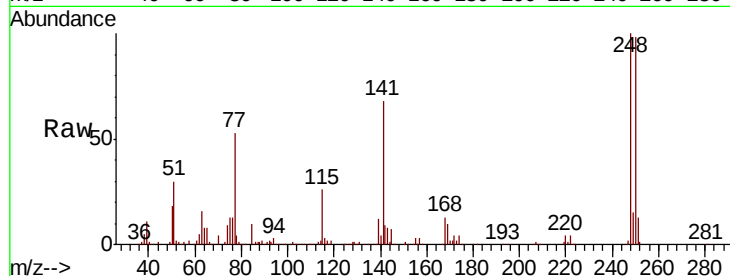




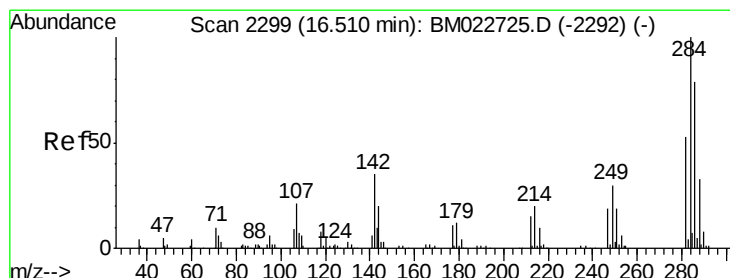
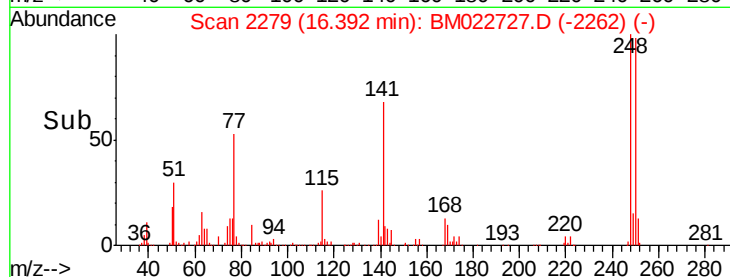
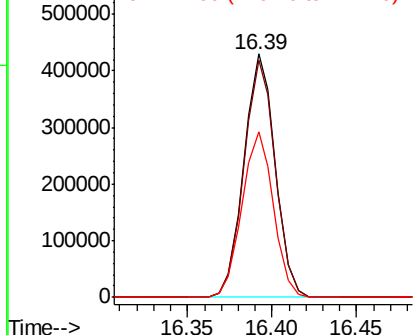
#67  
4-Bromophenyl-phenylether  
Concen: 45.599 ng  
RT: 16.39 min Scan# 2279  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:248 Resp: 553939  
Ion Ratio Lower Upper  
248 100  
250 97.7 78.4 117.6  
141 68.2 55.1 82.7

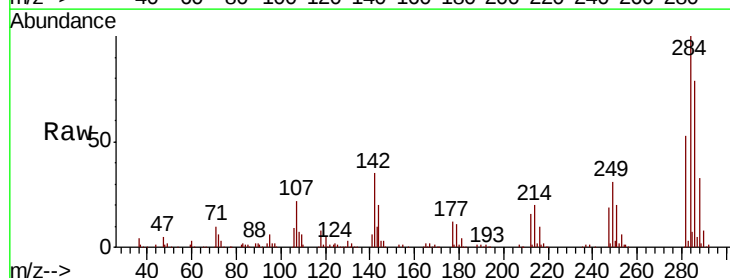


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

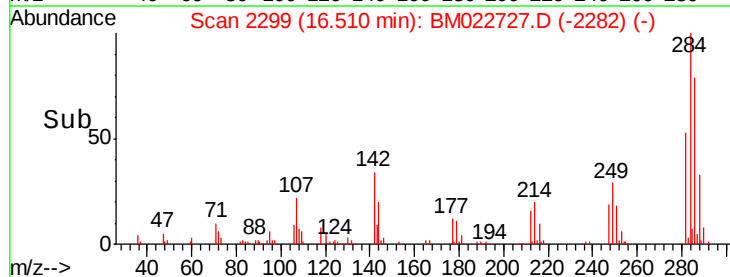
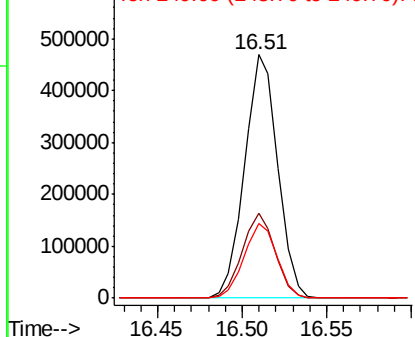


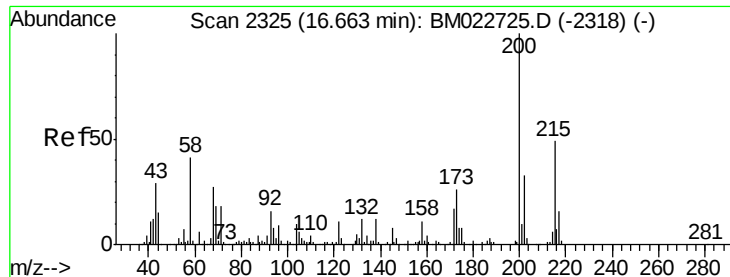
#68  
Hexachlorobenzene  
Concen: 46.272 ng  
RT: 16.51 min Scan# 2299  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion:284 Resp: 638617  
Ion Ratio Lower Upper  
284 100  
142 34.8 27.8 41.8  
249 30.8 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: 58.159 ng

RT: 16.66 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

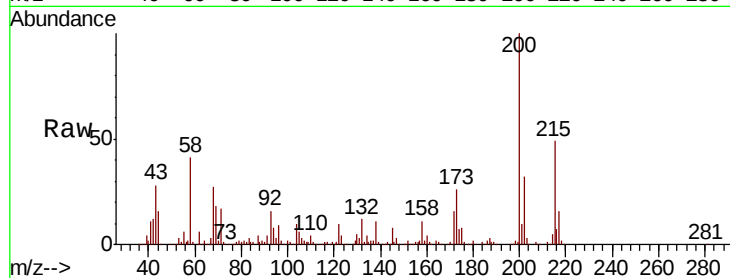
Tot Ion:200 Resp: 506251

Ion Ratio Lower Upper

200 100

173 26.0 5.8 45.8

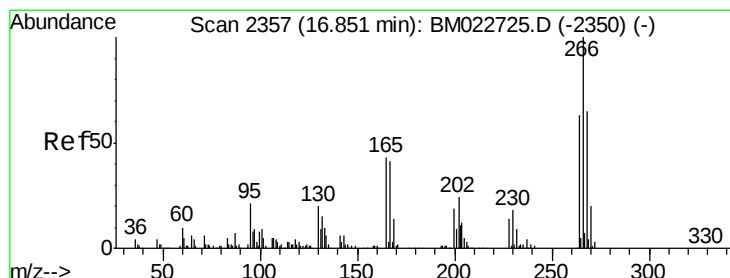
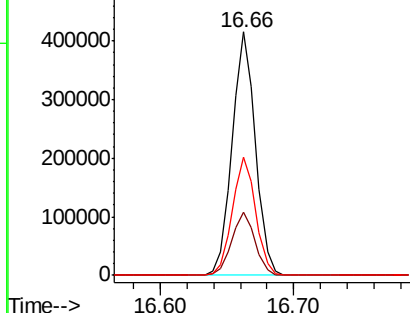
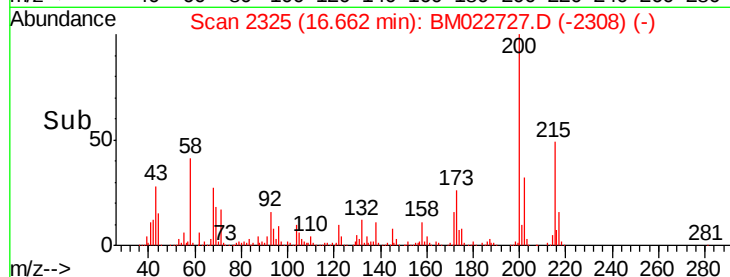
215 48.5 29.2 69.2



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: 53.102 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

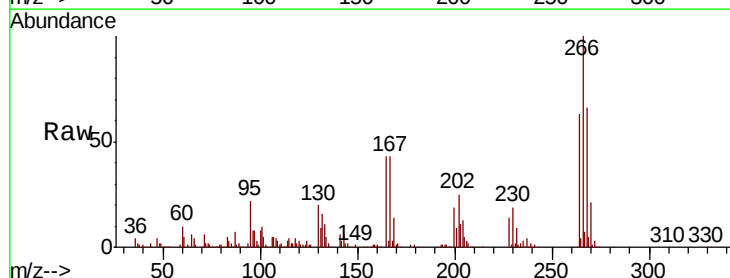
Tgt Ion:266 Resp: 356566

Ion Ratio Lower Upper

266 100

268 65.6 51.8 77.6

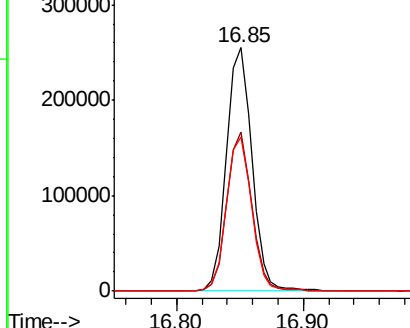
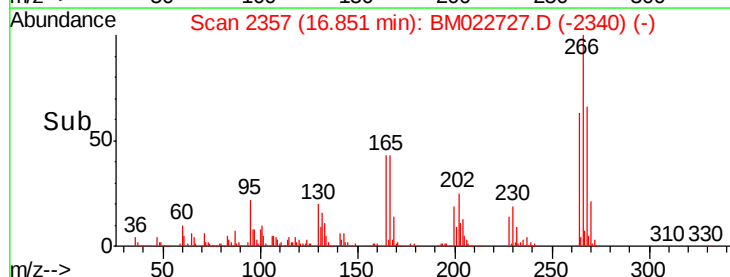
264 63.4 50.2 75.4

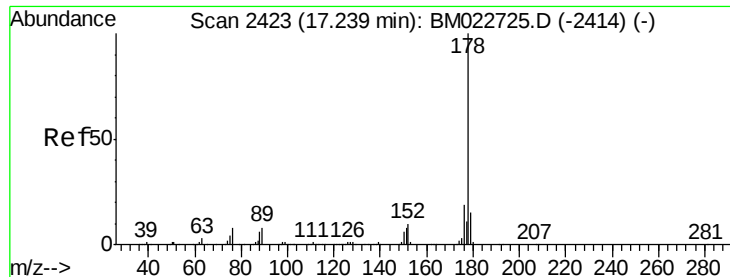


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

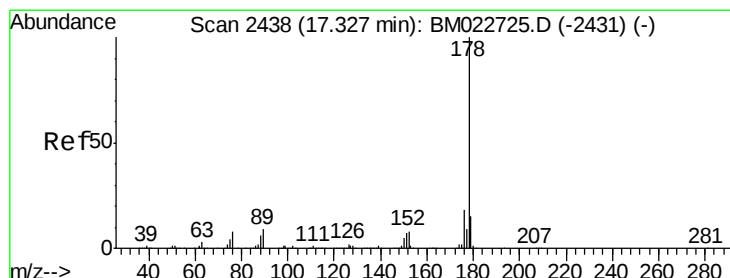
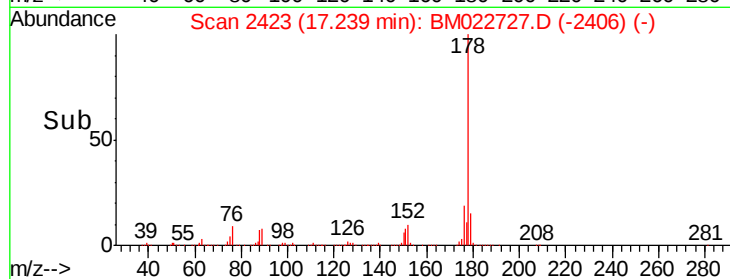
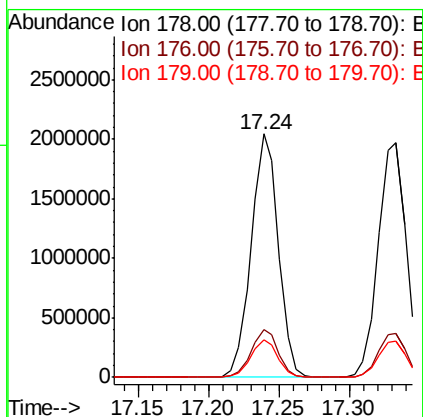
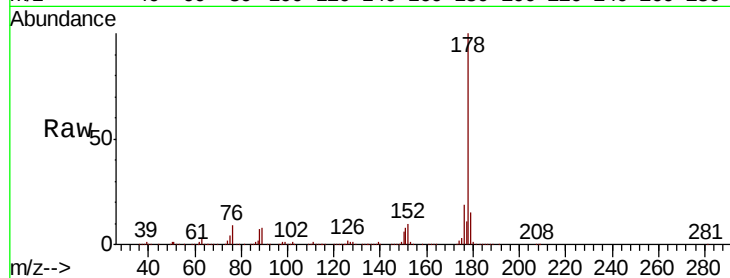




#71  
Phenanthrene  
Concen: 58.196 ng  
RT: 17.24 min Scan# 2423  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

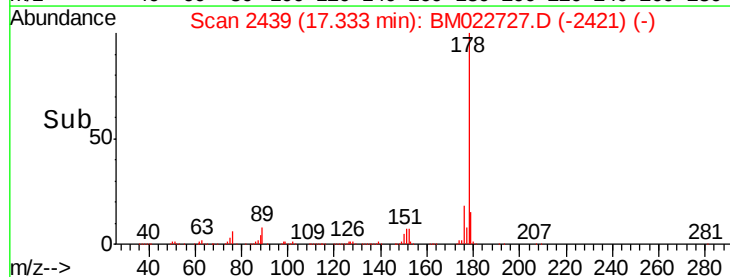
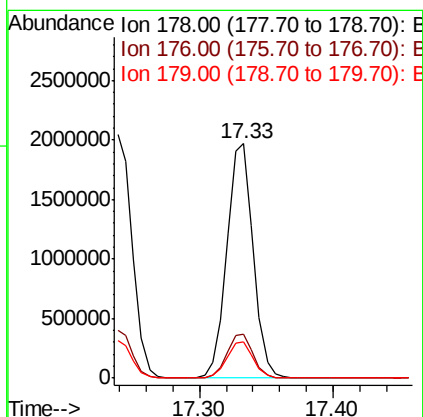
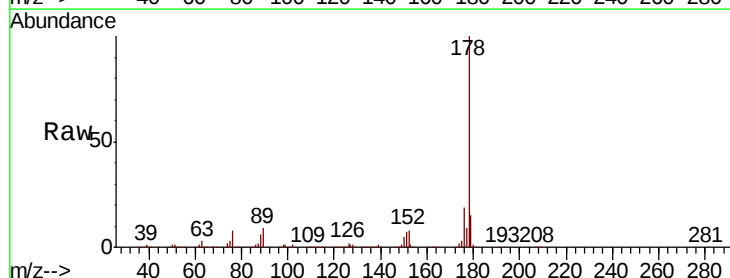
Instrument :  
BNA\_M  
ClientSampleId :

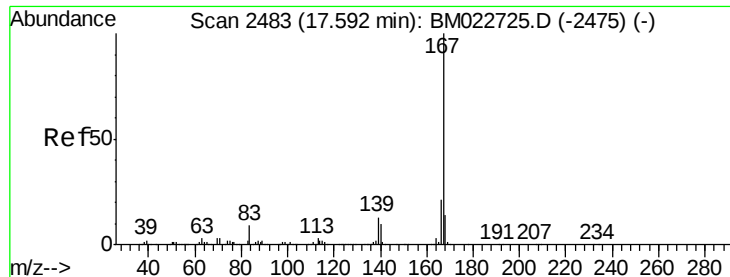
Tot Ion:178 Resp: 2766681  
Ion Ratio Lower Upper  
178 100  
176 19.4 15.4 23.2  
179 15.4 12.3 18.5



#72  
Anthracene  
Concen: 57.802 ng  
RT: 17.33 min Scan# 2439  
Delta R.T. 0.01 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion:178 Resp: 2727821  
Ion Ratio Lower Upper  
178 100  
176 18.7 14.7 22.1  
179 15.3 12.2 18.4



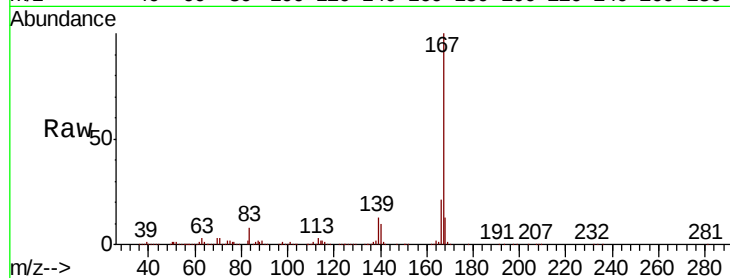


#73  
 Carbazole  
 Concen: 64.343 ng  
 RT: 17.60 min Scan# 2484  
 Delta R.T. 0.01 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

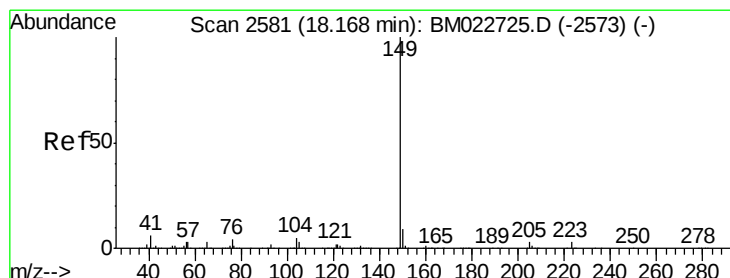
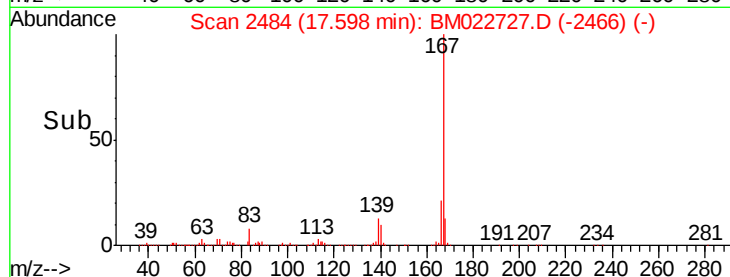
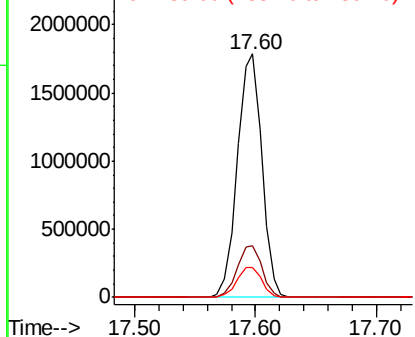
Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 2533771  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.4  | 17.0  | 25.4  |
| 139 | 12.5  | 10.1  | 15.1  |



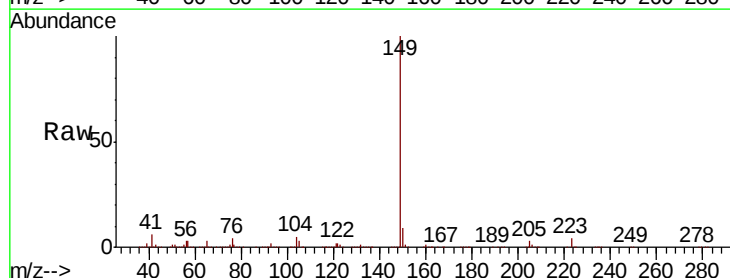
Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



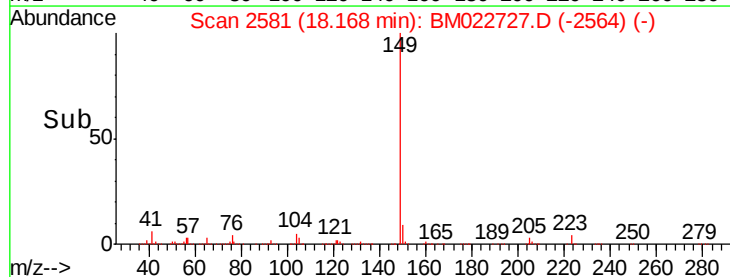
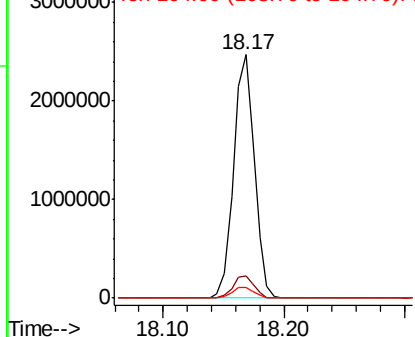
#74  
 Di-n-butylphthalate  
 Concen: 49.578 ng  
 RT: 18.17 min Scan# 2581  
 Delta R.T. -0.00 min  
 Lab File: BM022727.D  
 Acq: 20 Sep 2019 14:32

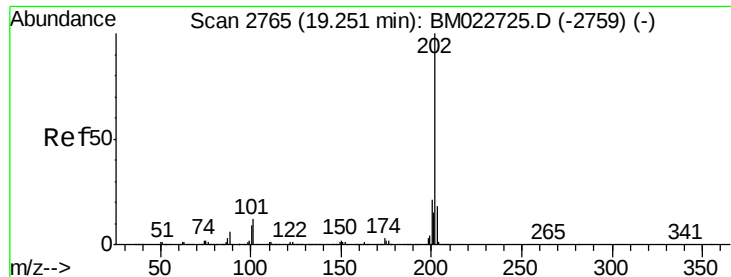
Tgt Ion:149 Resp: 2962187  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.3   | 10.9  |
| 104 | 4.6   | 3.8   | 5.6   |



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





#75

Fluoranthene

Concen: 55.029 ng

RT: 19.26 min Scan# 2766

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

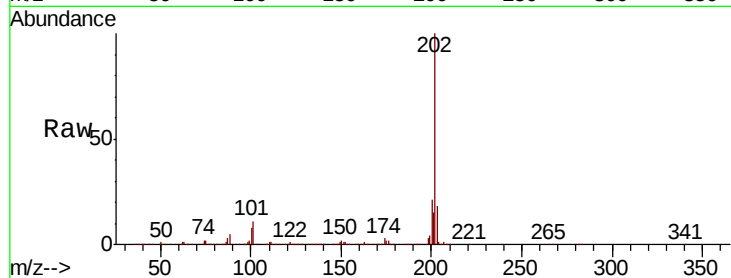
Tot Ion:202 Resp: 3154807

Ion Ratio Lower Upper

202 100

101 10.7 0.0 32.1

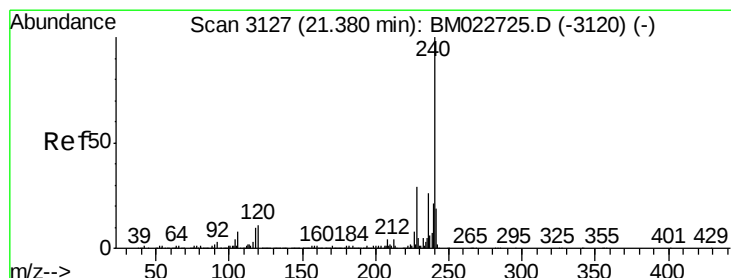
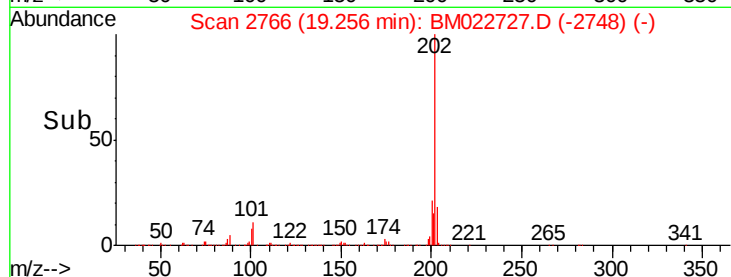
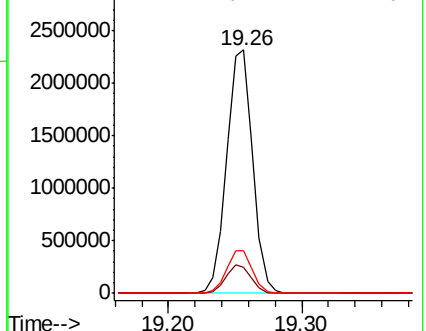
203 17.6 0.0 37.7



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: BM022727.D

Acq: 20 Sep 2019 14:32

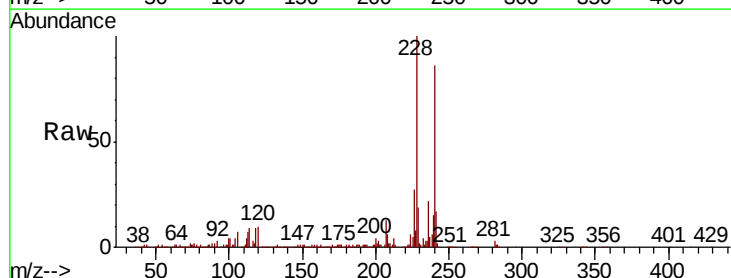
Tgt Ion:240 Resp: 829569

Ion Ratio Lower Upper

240 100

120 11.9 8.8 13.2

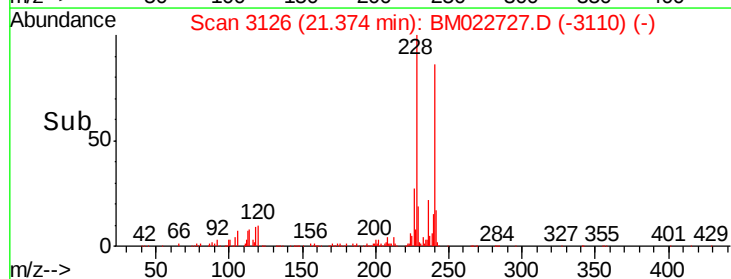
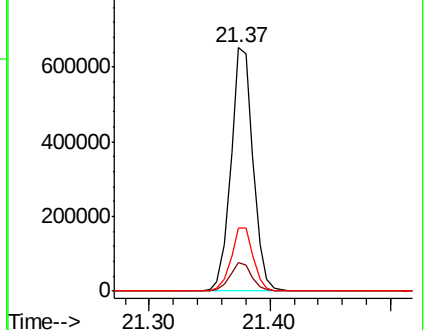
236 26.0 20.8 31.2

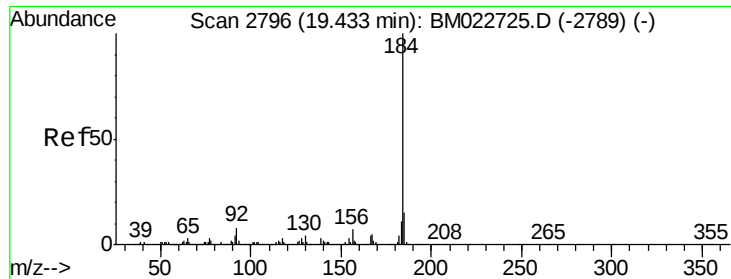


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 72.988 ng

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

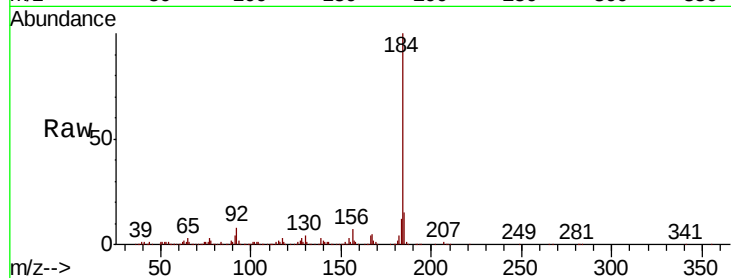
Instrument :

BNA\_M

ClientSampled :

Tot Ion:184 Resp: 1358067

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.6  | 11.6  | 17.4  |
| 183 | 11.6  | 9.1   | 13.7  |

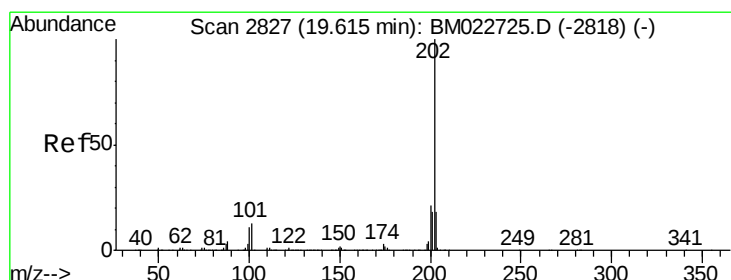
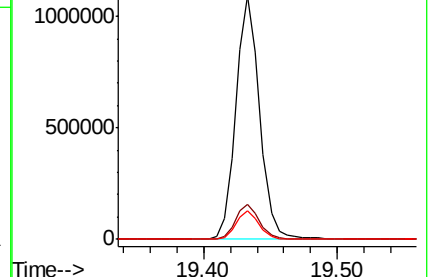
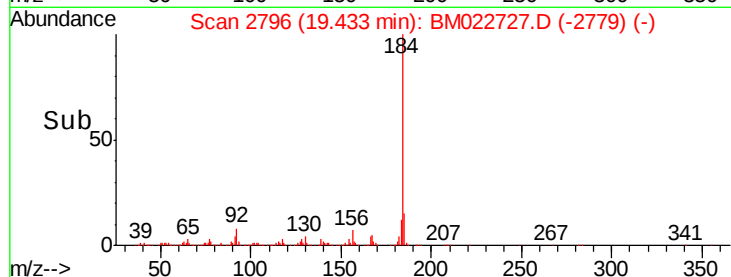


Abundance

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: 56.313 ng

RT: 19.62 min Scan# 2827

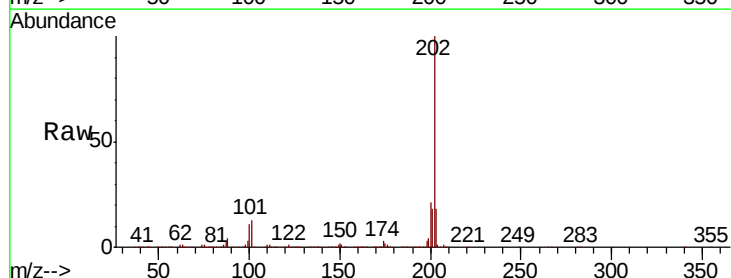
Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Tgt Ion:202 Resp: 3288186

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.4  | 16.7  | 25.1  |
| 203 | 17.7  | 14.1  | 21.1  |

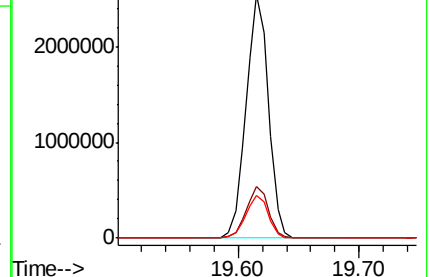
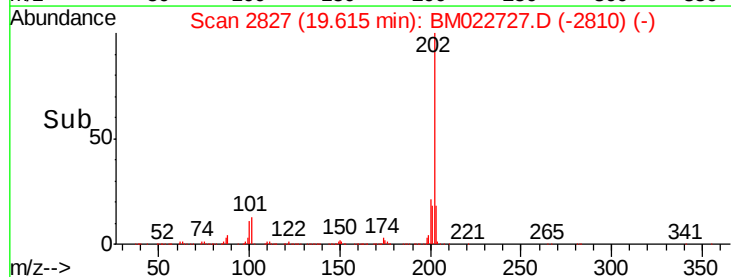


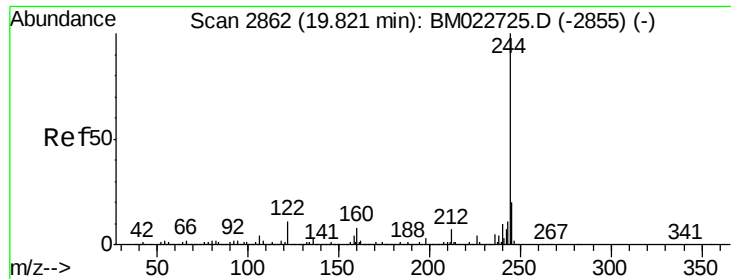
Abundance

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: 89.571 ng

RT: 19.82 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampled :

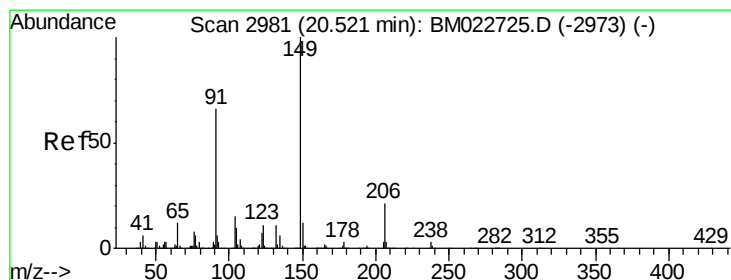
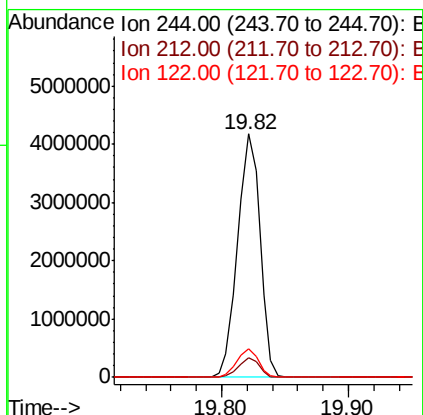
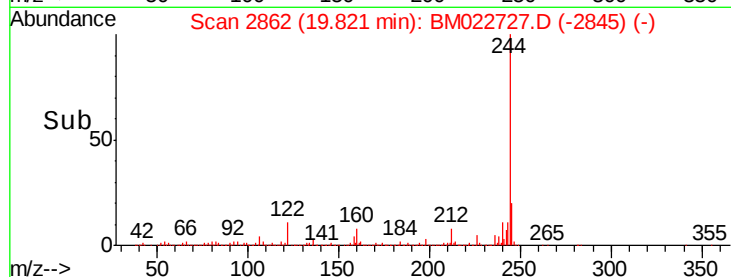
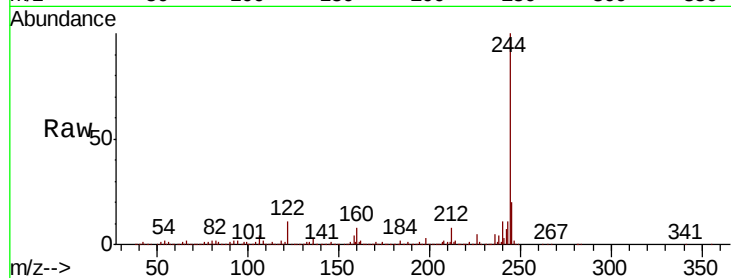
Tot Ion:244 Resp: 5099583

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

122 11.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 50.250 ng

RT: 20.52 min Scan# 2980

Delta R.T. -0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

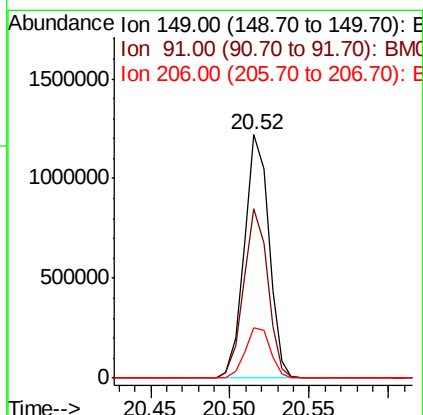
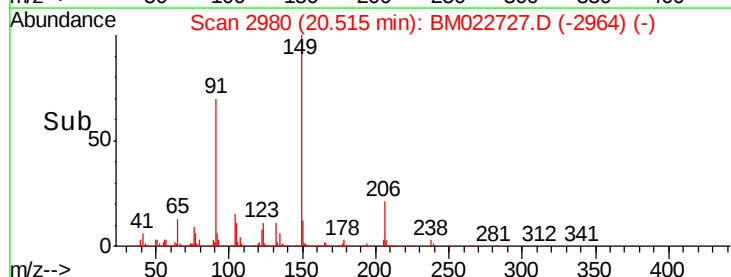
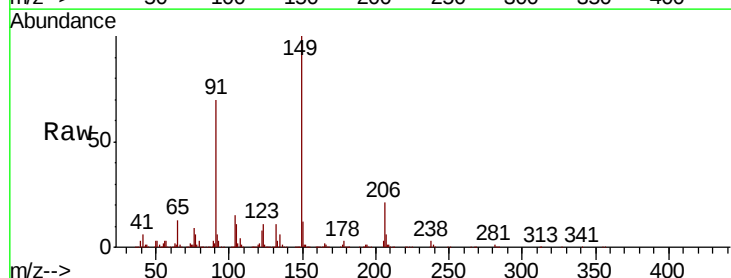
Tgt Ion:149 Resp: 1312384

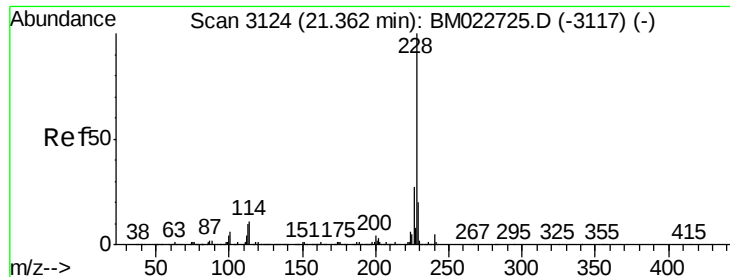
Ion Ratio Lower Upper

149 100

91 69.5 53.0 79.4

206 20.7 16.9 25.3

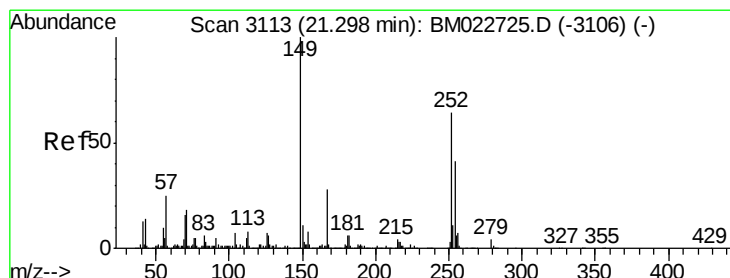
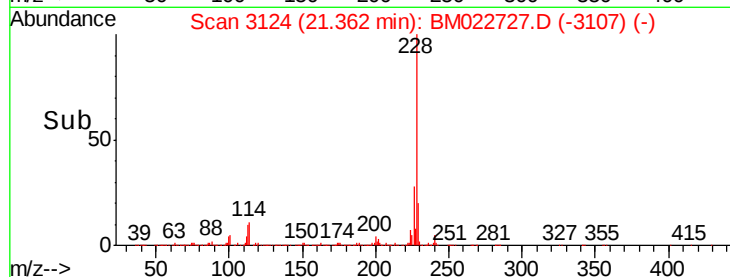
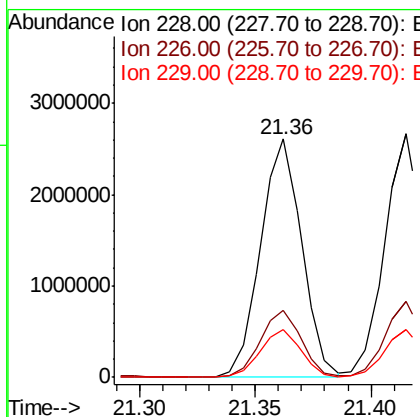
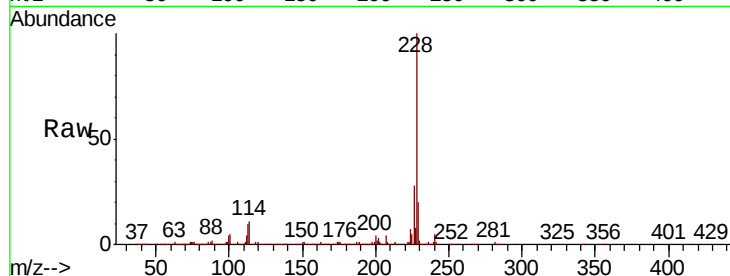




#81  
Benzo(a)anthracene  
Concen: 55.538 ng  
RT: 21.36 min Scan# 3124  
Delta R.T. -0.00 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

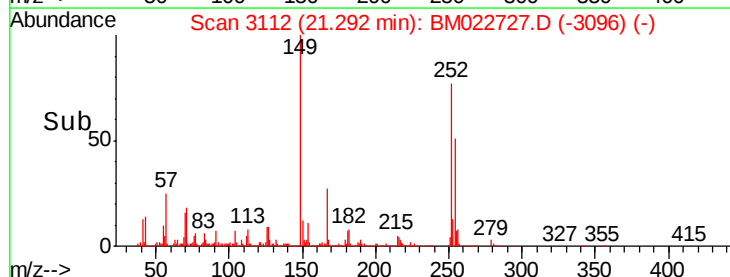
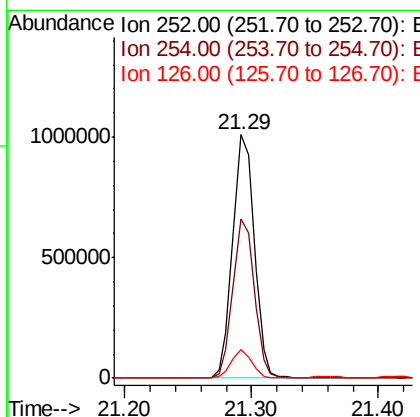
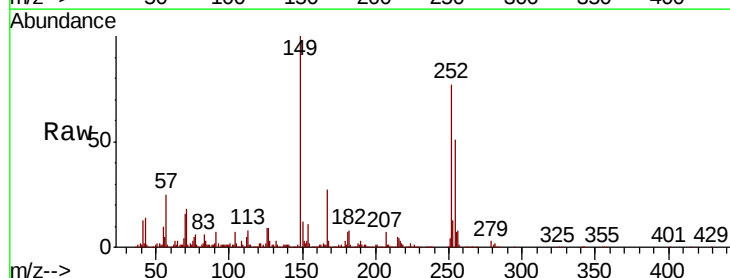
Instrument :  
BNA\_M  
ClientSampleId :

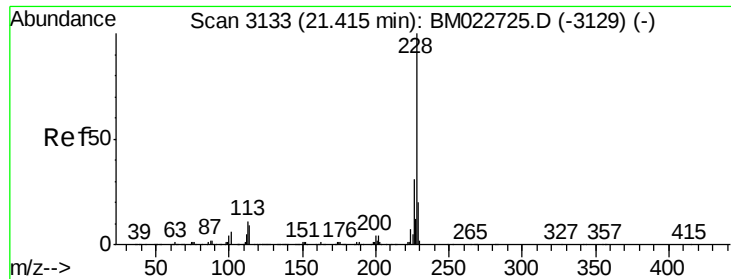
Tot Ion:228 Resp: 3240079  
Ion Ratio Lower Upper  
228 100  
226 28.2 22.0 33.0  
229 20.3 15.9 23.9



#82  
3,3'-Dichlorobenzidine  
Concen: 58.624 ng  
RT: 21.29 min Scan# 3112  
Delta R.T. -0.01 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion:252 Resp: 1192494  
Ion Ratio Lower Upper  
252 100  
254 65.6 51.7 77.5  
126 11.8 8.3 12.5





#83

Chrvsene

Concen: 55.405 ng

RT: 21.42 min Scan# 3133

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

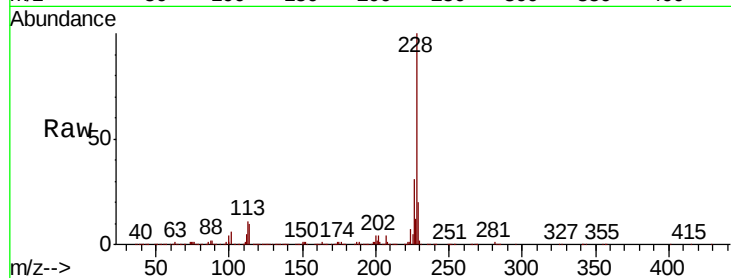
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 3120304

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.9  | 24.5  | 36.7  |
| 229 | 19.7  | 15.9  | 23.9  |

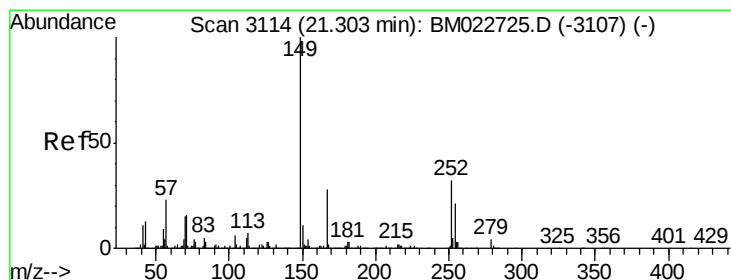
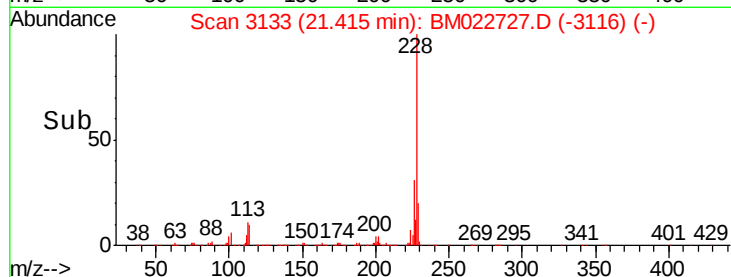
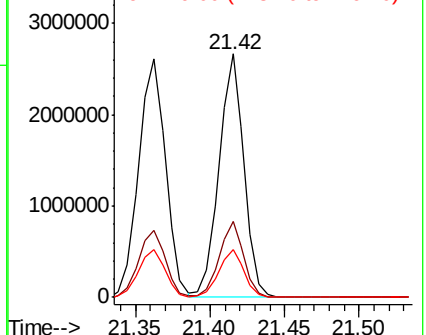


Abundance

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: 49.724 ng

RT: 21.30 min Scan# 3113

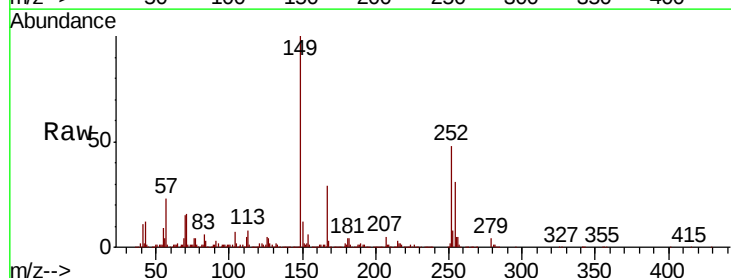
Delta R.T. -0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Tgt Ion:149 Resp: 1953034

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.5  | 22.1  | 33.1  |
| 279 | 4.4   | 3.4   | 5.0   |

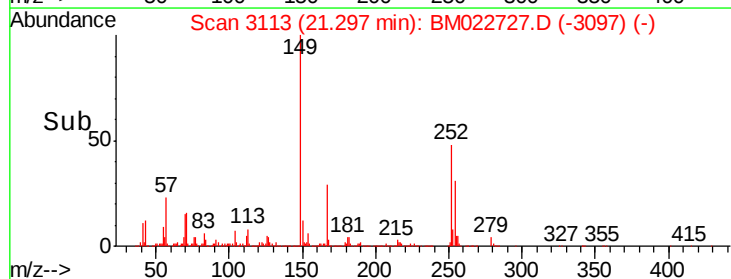
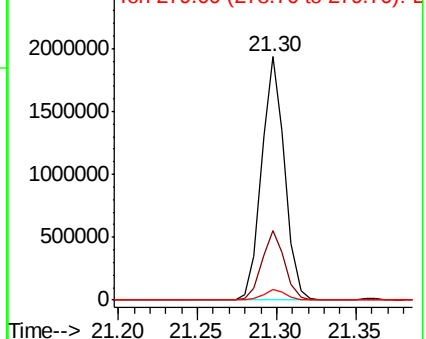


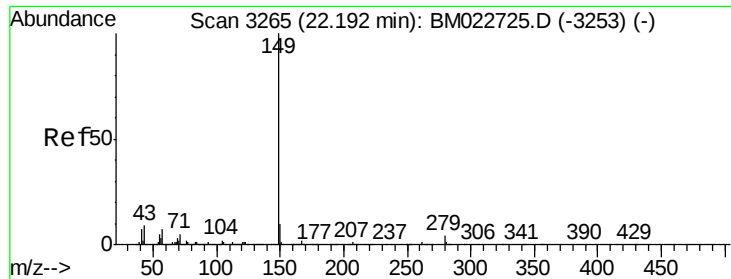
Abundance

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: 49.436 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

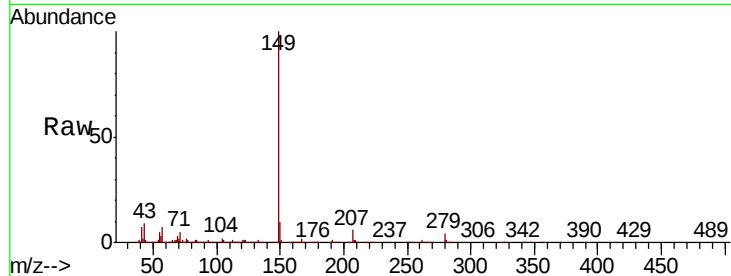
Tot Ion:149 Resp: 3142829

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

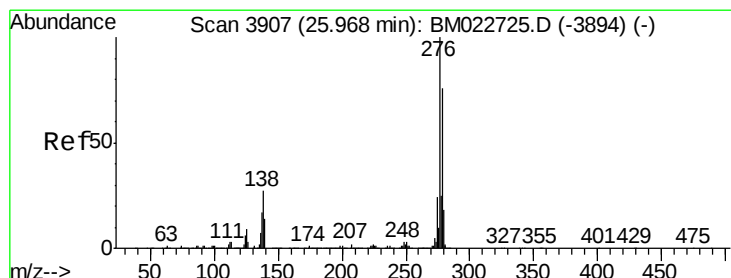
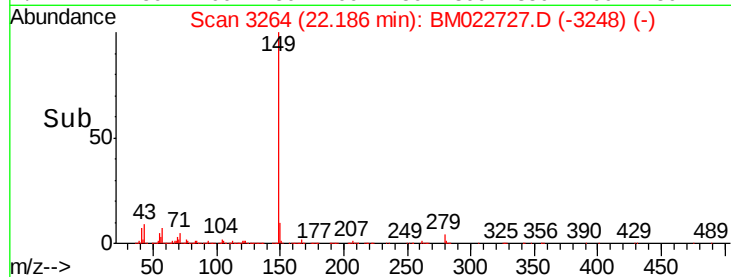
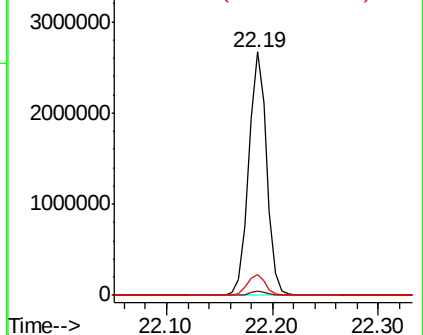
43 8.8 7.4 11.0



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: 59.725 ng

RT: 25.97 min Scan# 3908

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

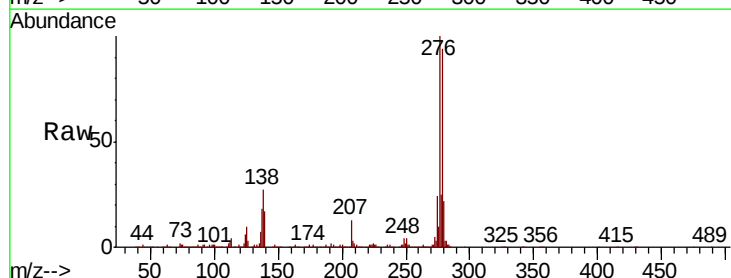
Tgt Ion:276 Resp: 3767691

Ion Ratio Lower Upper

276 100

138 26.4 0.0 0.0#

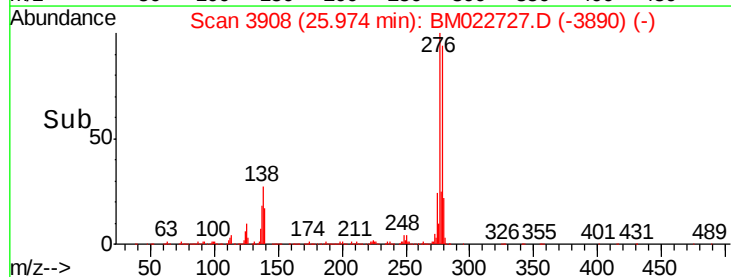
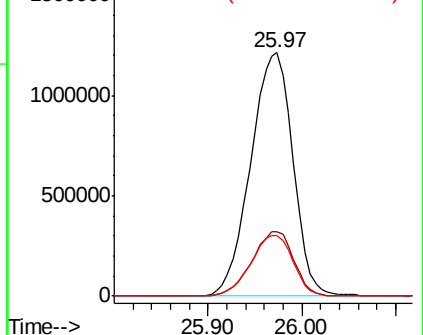
277 25.1 0.0 0.0#

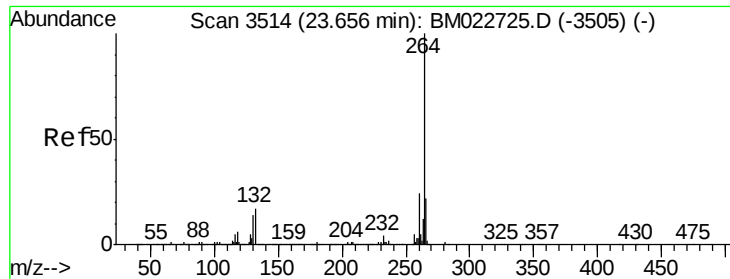


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



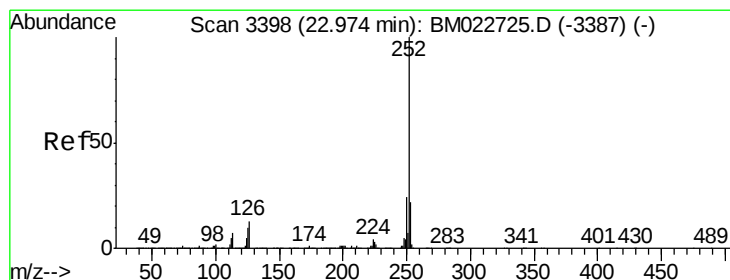
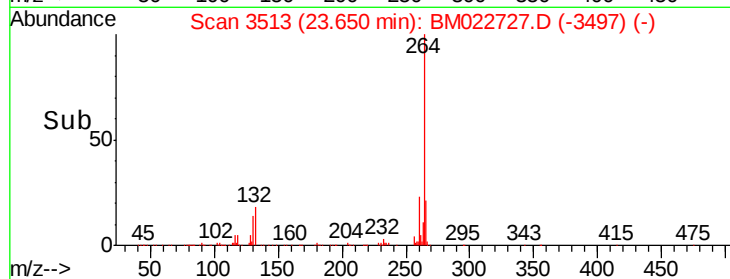
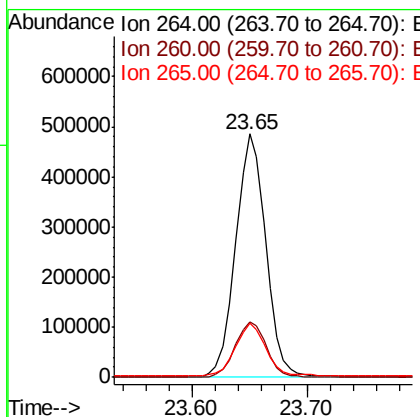
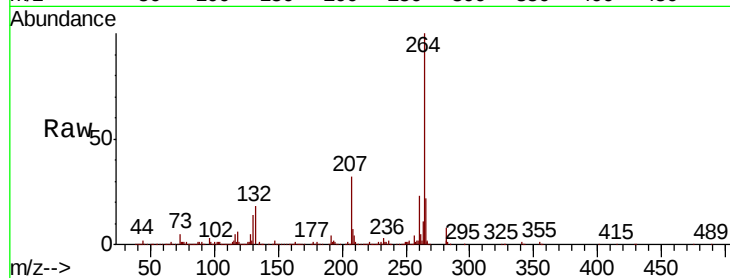


#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 23.65 min Scan# 3513  
Delta R.T. -0.01 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:264 Resp: 880347  

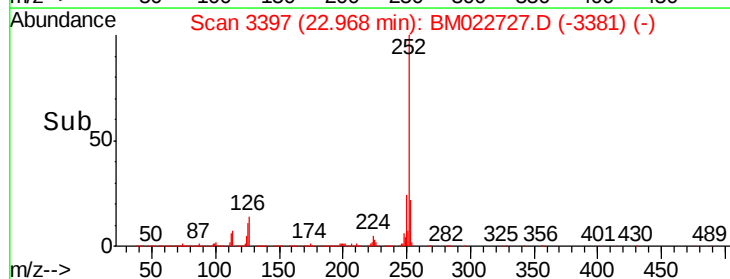
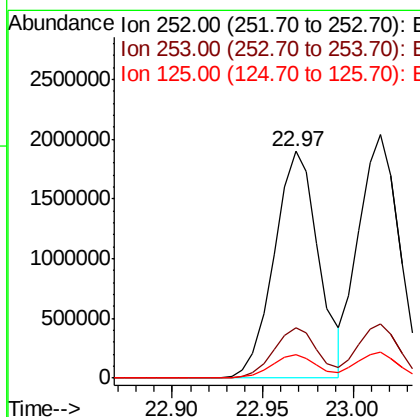
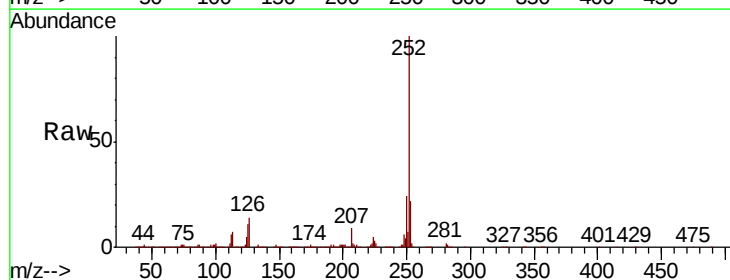
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 19.1  | 28.7  |
| 265 | 22.2  | 17.9  | 26.9  |

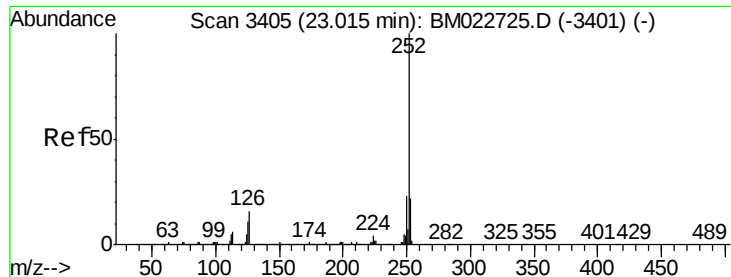


#88  
Benzo(b)fluoranthene  
Concen: 55.370 ng  
RT: 22.97 min Scan# 3397  
Delta R.T. -0.01 min  
Lab File: BM022727.D  
Acq: 20 Sep 2019 14:32

Tgt Ion:252 Resp: 3254818  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.7  | 26.5  |
| 125 | 10.6  | 8.2   | 12.4  |





#89

Benzo(k)fluoranthene

Concen: 55.126 ng

RT: 23.02 min Scan# 3405

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

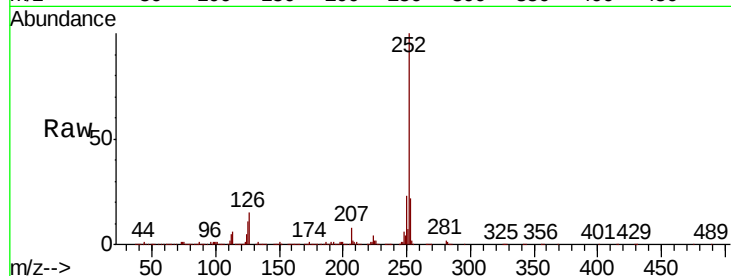
Tot Ion:252 Resp: 3167541

Ion Ratio Lower Upper

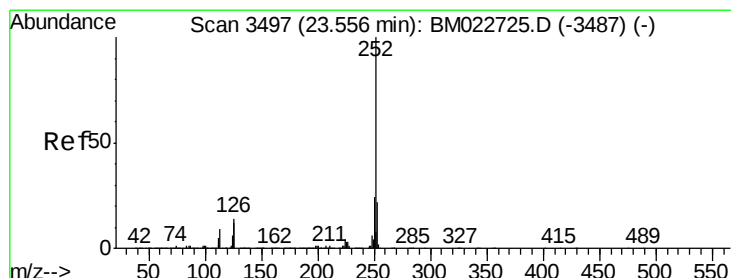
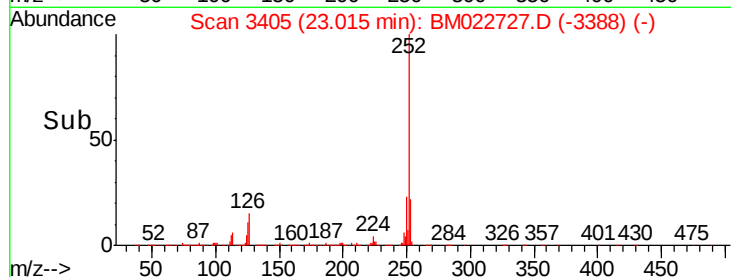
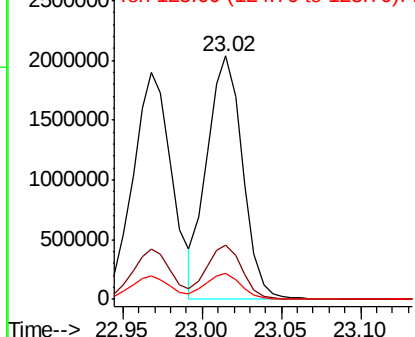
252 100

253 22.1 17.7 26.5

125 10.6 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 55.936 ng

RT: 23.56 min Scan# 3497

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

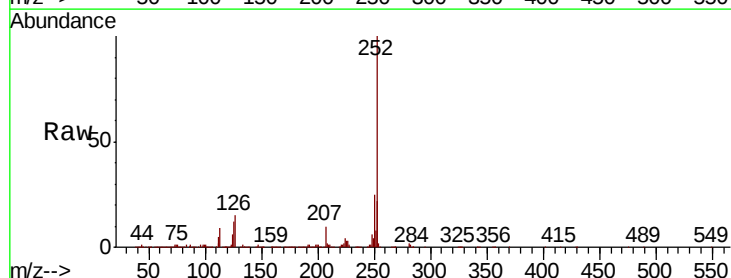
Tgt Ion:252 Resp: 2994444

Ion Ratio Lower Upper

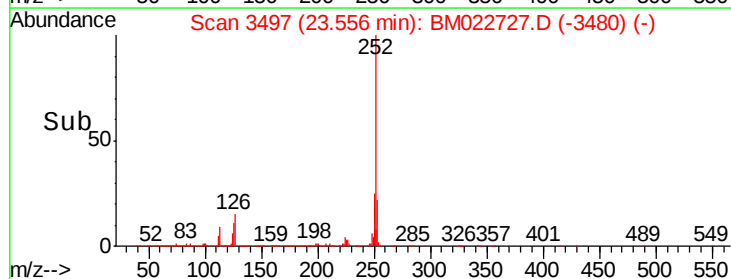
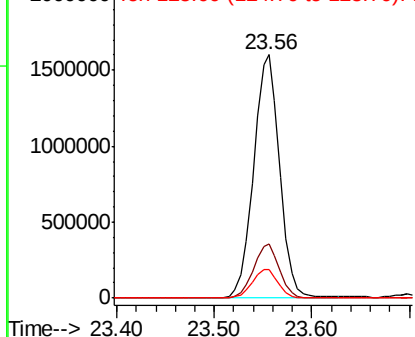
252 100

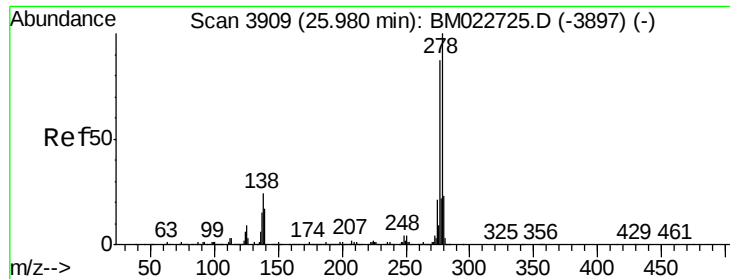
253 22.1 17.3 25.9

125 11.5 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 54.833 ng

RT: 25.98 min Scan# 3909

Delta R.T. -0.00 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

Instrument :

BNA\_M

ClientSampleId :

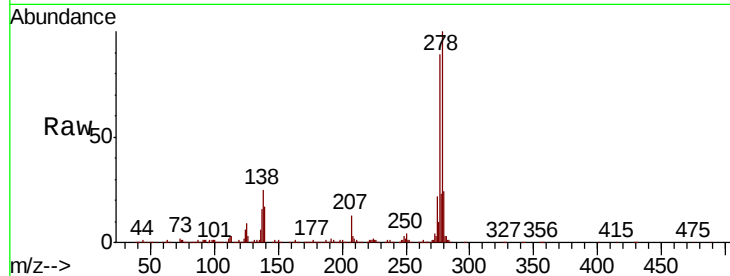
Tot Ion:278 Resp: 3119022

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

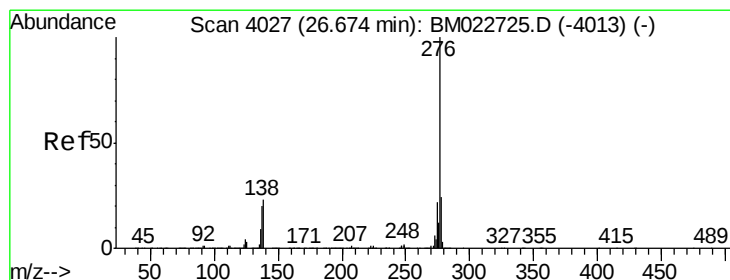
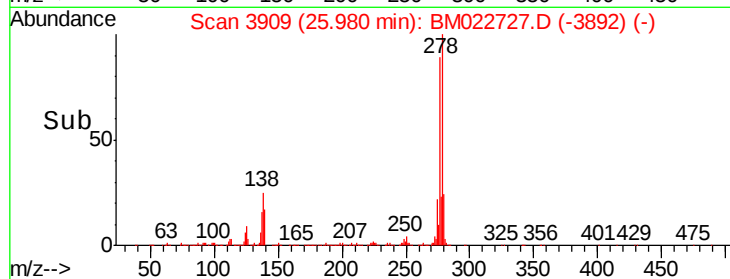
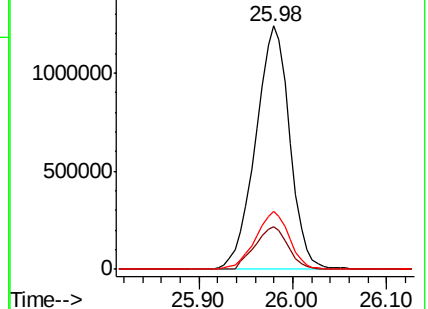
279 23.7 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 58.966 ng

RT: 26.68 min Scan# 4028

Delta R.T. 0.01 min

Lab File: BM022727.D

Acq: 20 Sep 2019 14:32

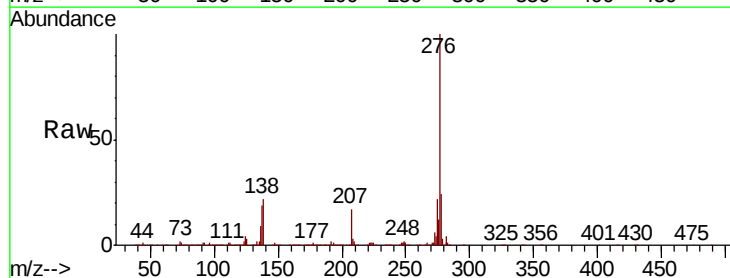
Tgt Ion:276 Resp: 2932389

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 22.4 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

