

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012920\  
 Data File : BM024647.D  
 Acq On : 29 Jan 2020 13:17  
 Operator : CG/JU  
 Sample : L1008-21MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 30 02:53:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.44  | 152  | 301716   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.20 | 136  | 1168385  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.09 | 164  | 827948   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.84 | 188  | 1863431  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.05 | 240  | 1689227  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.16 | 264  | 1585424  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.09  | 112 | 1636250 | 103.14 | ng | 0.00 |
| 7) Phenol-d6             | 6.65  | 99  | 1836622 | 84.04  | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.58  | 82  | 1473044 | 61.83  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.59 | 330 | 1480594 | 109.94 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.70 | 172 | 4283096 | 70.33  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.50 | 244 | 7636165 | 84.39  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.09  | 88  | 174636  | 27.827 | ng | # 49   |
| 3) Pyridine                    | 3.47  | 79  | 220604  | 12.126 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.37  | 42  | 214452  | 26.556 | ng | 88     |
| 6) Aniline                     | 6.79  | 93  | 450177  | 16.920 | ng | 95     |
| 8) 2-Chlorophenol              | 7.02  | 128 | 687918  | 38.090 | ng | 92     |
| 9) Benzaldehyde                | 6.59  | 77  | 262198  | 20.304 | ng | 92     |
| 10) Phenol                     | 6.67  | 94  | 678535  | 31.146 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.89  | 93  | 575172  | 32.979 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.33  | 146 | 725029  | 32.678 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.47  | 146 | 745028  | 33.099 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 7.79  | 146 | 719625  | 33.121 | ng | 98     |
| 15) Benzyl Alcohol             | 7.69  | 79  | 578265  | 32.091 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.99  | 45  | 425532  | 26.652 | ng | 96     |
| 17) 2-Methylphenol             | 7.90  | 107 | 534663  | 34.826 | ng | 96     |
| 18) Hexachloroethane           | 8.50  | 117 | 256538  | 29.515 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.25  | 70  | 474756  | 28.932 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.22  | 107 | 717031  | 33.740 | ng | 97     |
| 22) Acetophenone               | 8.26  | 105 | 964408  | 32.011 | ng | 96     |
| 24) Nitrobenzene               | 8.62  | 77  | 729722  | 31.962 | ng | 93     |
| 25) Isophorone                 | 9.15  | 82  | 1339346 | 33.086 | ng | 96     |
| 26) 2-Nitrophenol              | 9.33  | 139 | 398989  | 37.741 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 9.41  | 122 | 634495  | 44.167 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 9.64  | 93  | 814177  | 32.924 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.86  | 162 | 787223  | 40.560 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.07 | 180 | 847013  | 36.185 | ng | 99     |
| 31) Naphthalene                | 10.25 | 128 | 2072038 | 35.112 | ng | 99     |
| 32) Benzoic acid               | 9.57  | 122 | 340235  | 25.890 | ng | 93     |
| 33) 4-Chloroaniline            | 10.37 | 127 | 154414  | 5.970  | ng | 96     |
| 34) Hexachlorobutadiene        | 10.55 | 225 | 553655  | 34.215 | ng | 98     |
| 35) Caprolactam                | 11.15 | 113 | 65206   | 10.472 | ng | 84     |
| 36) 4-Chloro-3-methylphenol    | 11.51 | 107 | 716344  | 34.710 | ng | 91     |
| 37) 2-Methylnaphthalene        | 11.87 | 142 | 1675435 | 36.790 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.10 | 142 | 1577381 | 36.413 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.26 | 216 | 1037148 | 35.099 | ng | 100    |

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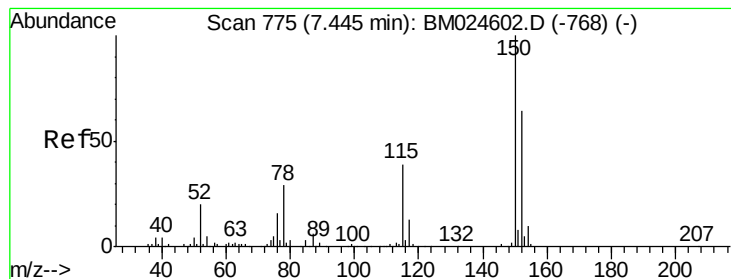
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jan 30 02:53:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM012320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 23 14:57:07 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.24 | 237  | 1258681  | 75.994 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 12.50 | 196  | 712984   | 37.917 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.57 | 196  | 757900   | 39.466 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 12.92 | 154  | 2218937  | 35.414 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 12.95 | 162  | 1791567  | 35.418 | ng    | 96       |
| 48) 2-Nitroaniline             | 13.16 | 65   | 422947   | 27.415 | ng    | 86       |
| 49) Acenaphthylene             | 13.80 | 152  | 2777707  | 36.682 | ng    | 100      |
| 50) Dimethylphthalate          | 13.57 | 163  | 2564911  | 38.311 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 13.67 | 165  | 525586   | 36.925 | ng #  | 84       |
| 52) Acenaphthene               | 14.16 | 154  | 1656244  | 35.248 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.00 | 138  | 279318   | 18.920 | ng    | 92       |
| 54) 2,4-Dinitrophenol          | 14.21 | 184  | 574889   | 67.540 | ng #  | 87       |
| 55) Dibenzofuran               | 14.49 | 168  | 2810201  | 36.671 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.33 | 139  | 739990   | 64.123 | ng    | 88       |
| 57) 2,4-Dinitrotoluene         | 14.47 | 165  | 733188   | 35.941 | ng #  | 85       |
| 58) Fluorene                   | 15.14 | 166  | 2263263  | 35.144 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.73 | 232  | 727173   | 37.339 | ng    | 94       |
| 60) Diethylphthalate           | 14.95 | 149  | 2283417  | 33.595 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.15 | 204  | 1303632  | 35.111 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.17 | 138  | 470950   | 28.900 | ng    | 93       |
| 63) Azobenzene                 | 15.44 | 77   | 1769307  | 30.517 | ng    | 94       |
| 65) 4,6-Dinitro-2-methylphenol | 15.23 | 198  | 417742   | 38.127 | ng    | 90       |
| 66) n-Nitrosodiphenylamine     | 15.37 | 169  | 2018593  | 37.712 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.04 | 248  | 862895   | 37.237 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.16 | 284  | 1008978  | 37.942 | ng    | 98       |
| 69) Atrazine                   | 16.34 | 200  | 798867   | 38.881 | ng    | 99       |
| 70) Pentachlorophenol          | 16.50 | 266  | 1243541  | 76.771 | ng    | 99       |
| 71) Phenanthrene               | 16.89 | 178  | 3658126  | 36.252 | ng    | 100      |
| 72) Anthracene                 | 16.97 | 178  | 3729835  | 37.776 | ng    | 100      |
| 73) Carbazole                  | 17.24 | 167  | 3218027  | 35.802 | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.84 | 149  | 3923432  | 34.144 | ng    | 99       |
| 75) Fluoranthene               | 18.91 | 202  | 4442053  | 35.270 | ng    | 99       |
| 77) Benzidine                  | 19.10 | 184  | 1353269  | 34.399 | ng    | 99       |
| 78) Pyrene                     | 19.27 | 202  | 4487658  | 40.299 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.21 | 149  | 1691225  | 36.193 | ng    | 94       |
| 81) Benzo(a)anthracene         | 21.03 | 228  | 4261046  | 36.344 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 20.97 | 252  | 966424   | 22.915 | ng    | 99       |
| 83) Chrysene                   | 21.09 | 228  | 4045276  | 36.159 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.01 | 149  | 2421871  | 35.126 | ng #  | 96       |
| 85) Di-n-octyl phthalate       | 21.86 | 149  | 3829035  | 33.614 | ng #  | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.23 | 276  | 3940486  | 32.316 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.54 | 252  | 3980113  | 38.707 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.59 | 252  | 3750064  | 37.363 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.07 | 252  | 3400153  | 36.370 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.24 | 278  | 3342637  | 37.671 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 25.86 | 276  | 3264814  | 40.521 | ng    | 99       |

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



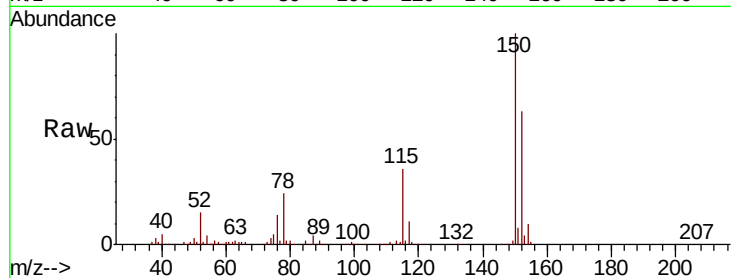


#1

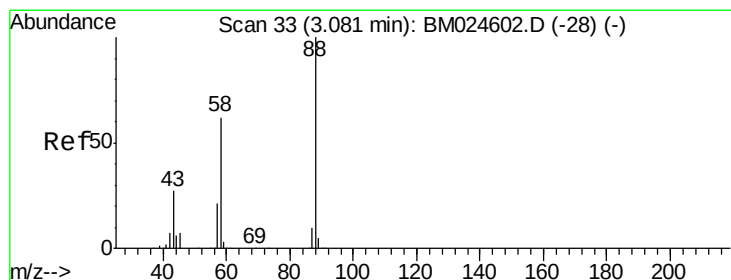
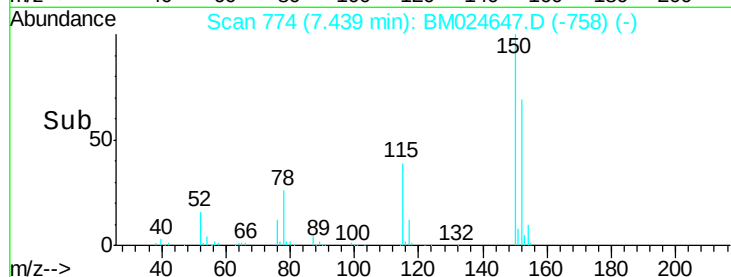
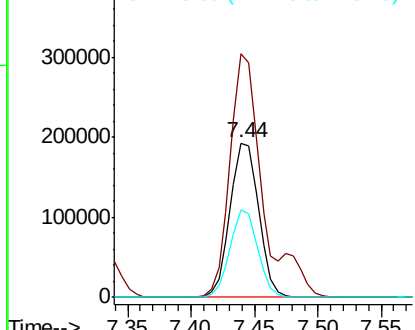
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.44 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.5 | 124.2 | 186.4 |
| 115     | 56.5  | 48.6  | 72.8  |



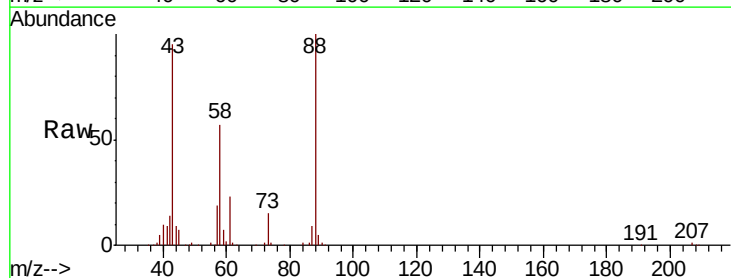
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



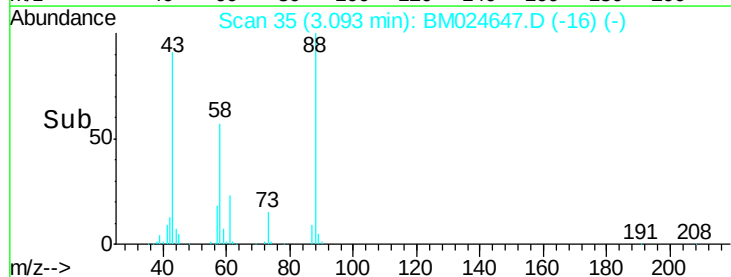
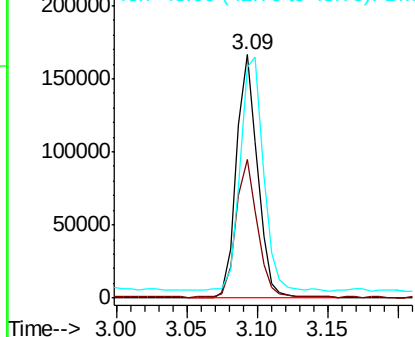
#2

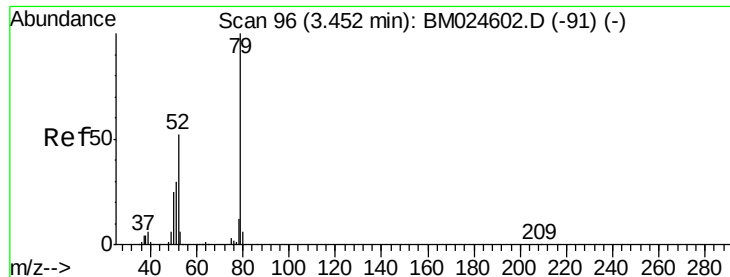
1,4-Dioxane  
Concen: 27.827 ng  
RT: 3.09 min Scan# 35  
Delta R.T. 0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 56.8  | 50.0  | 75.0  |
| 43      | 105.0 | 21.6  | 32.4  |



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

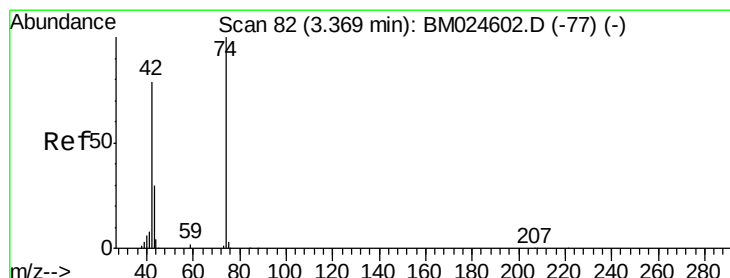
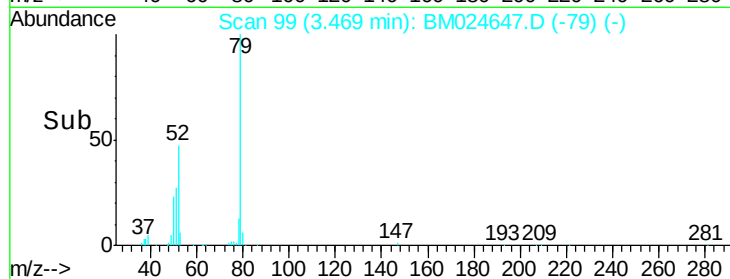
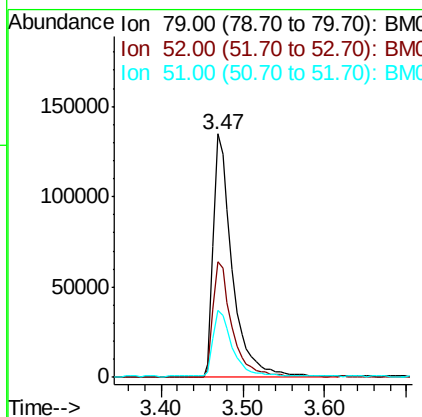
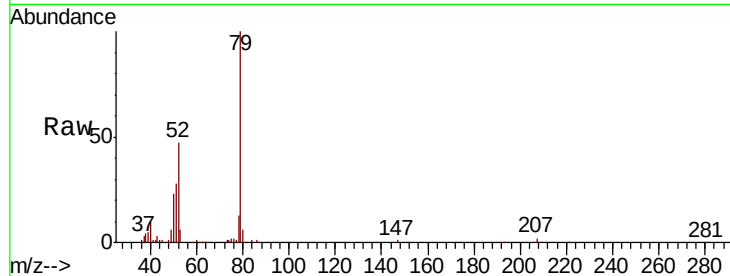




#3  
 Pvridine  
 Concen: 12.126 ng  
 RT: 3.47 min Scan# 99  
 Delta R.T. 0.02 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

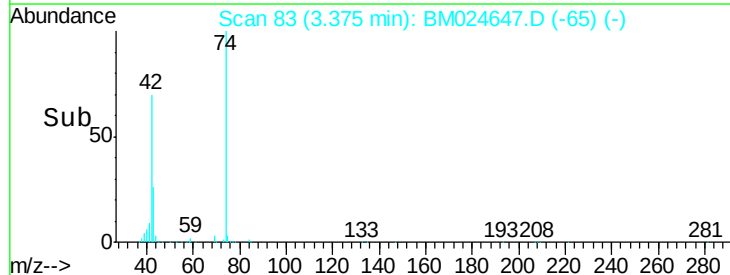
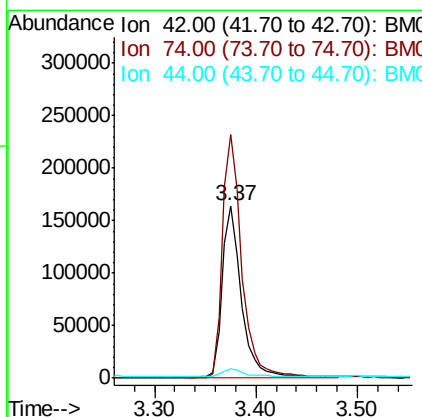
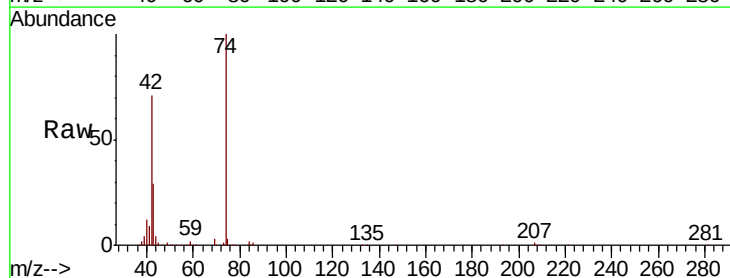
Instrument :  
 BNA\_M  
 ClientSampleId :

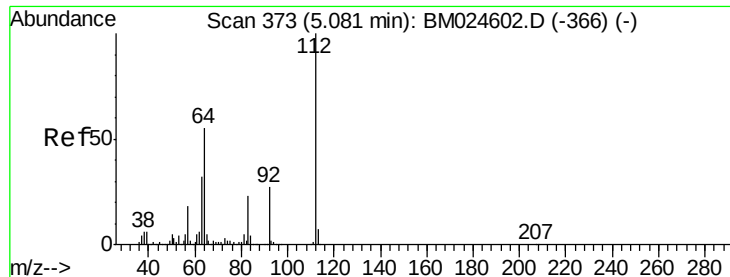
| Tot Ion   | 79    | Resp  | 220604 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 47.2  | 41.4  | 62.2   |
| 51        | 27.5  | 23.8  | 35.8   |



#4  
 n-Nitrosodimethylamine  
 Concen: 26.556 ng  
 RT: 3.37 min Scan# 83  
 Delta R.T. 0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

| Tgt Ion   | 42    | Resp  | 214452 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 141.2 | 101.4 | 152.2  |
| 44        | 5.7   | 4.6   | 6.8    |





#5

2-Fluorophenol

Concen: 103.135 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

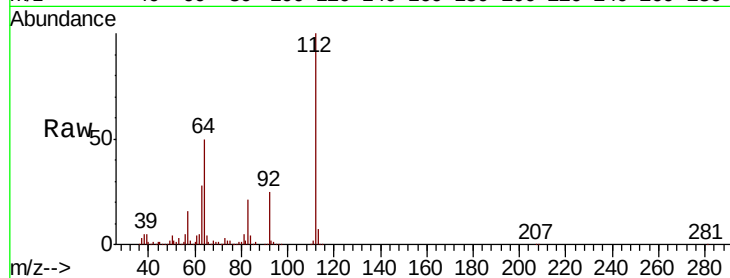
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:112 Resp: 1636250

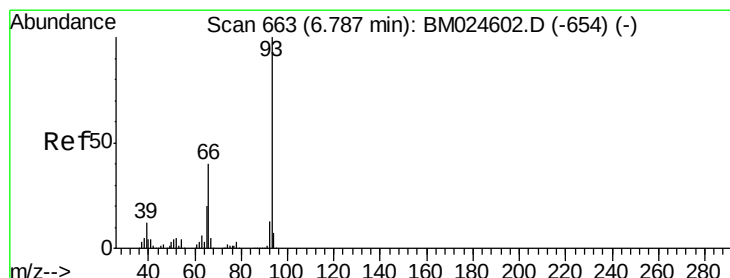
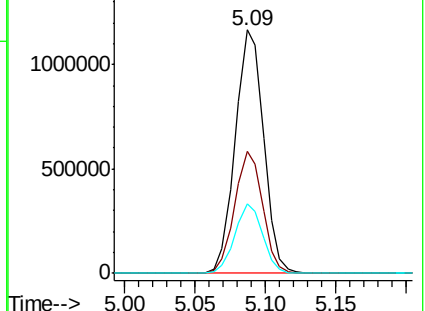
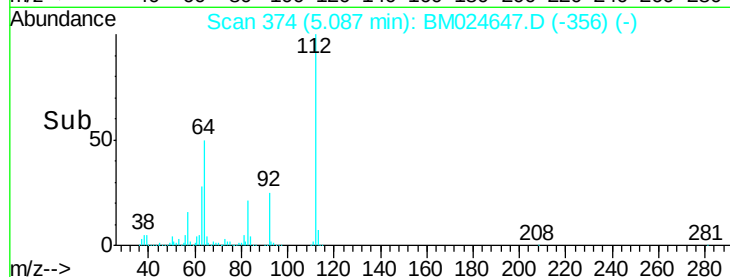
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 50.1  | 44.2  | 66.4  |
| 63  | 28.5  | 25.9  | 38.9  |



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: 16.920 ng

RT: 6.79 min Scan# 663

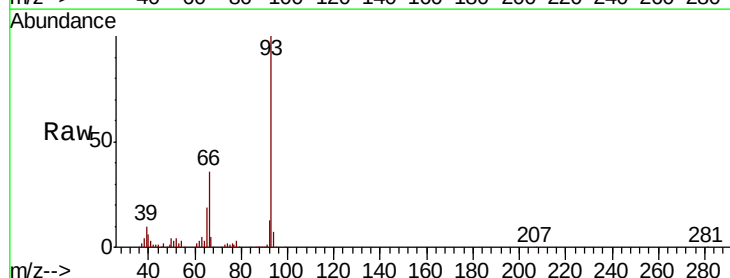
Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Tgt Ion: 93 Resp: 450177

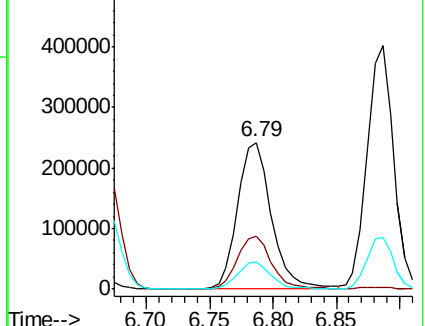
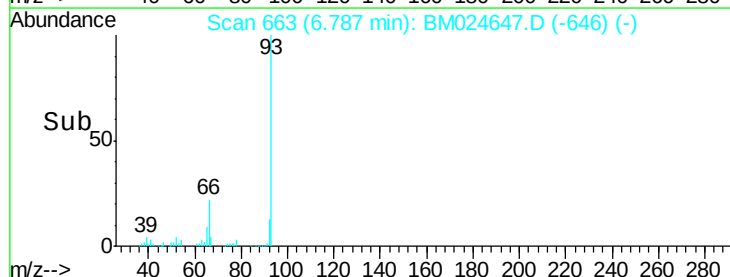
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 66  | 35.6  | 31.8  | 47.8  |
| 65  | 18.6  | 15.8  | 23.6  |

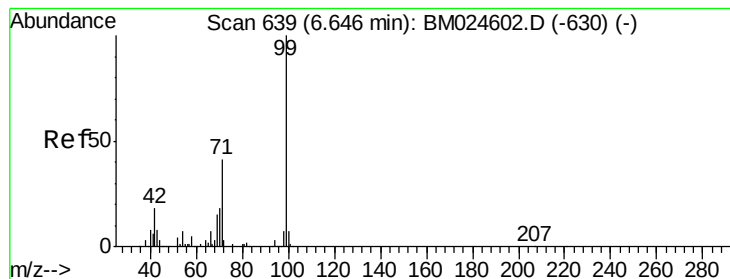


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 84.036 ng

RT: 6.65 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

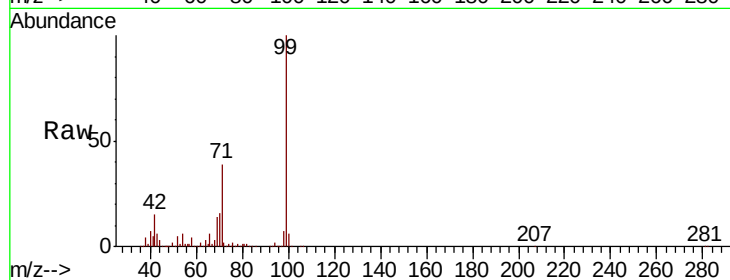
Tot Ion: 99 Resp: 1836622

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

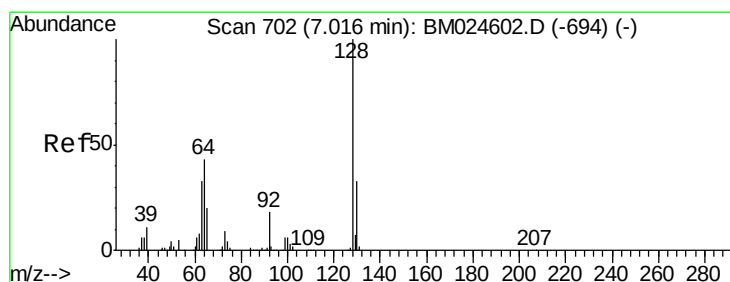
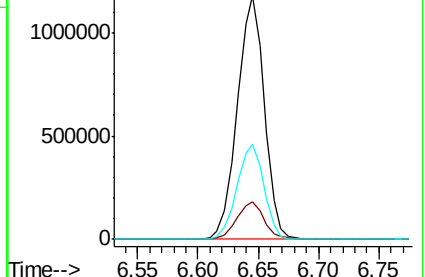
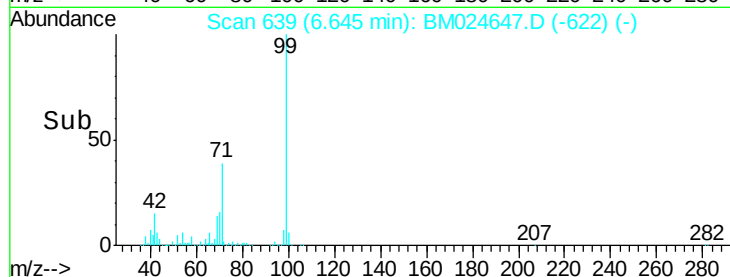
71 38.9 33.0 49.6



Abundance Ion 99.00 (98.70 to 99.70): BM024647.D (-622) (-)

Ion 42.00 (41.70 to 42.70): BM024647.D (-622) (-)

Ion 71.00 (70.70 to 71.70): BM024647.D (-622) (-)



#8

2-Chlorophenol

Concen: 38.090 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

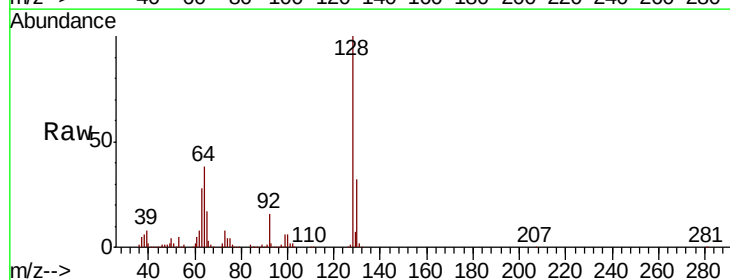
Tgt Ion: 128 Resp: 687918

Ion Ratio Lower Upper

128 100

130 31.6 12.5 52.5

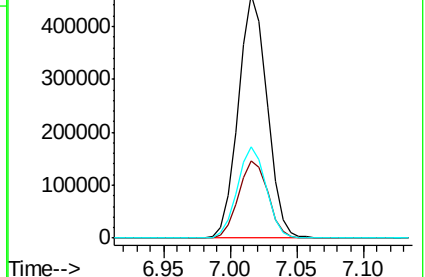
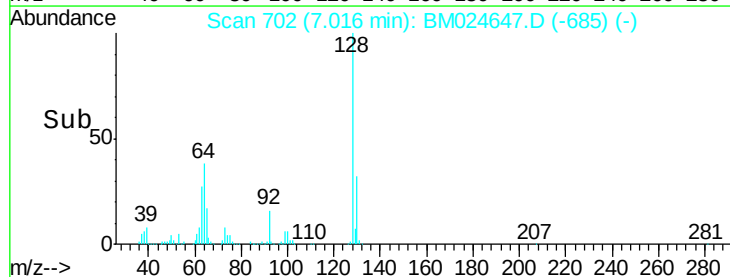
64 37.8 26.1 66.1



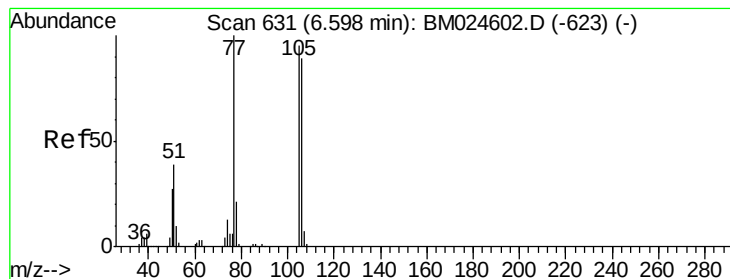
Abundance Ion 128.00 (127.70 to 128.70): BM024647.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM024647.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM024647.D (-685) (-)







#9

Benzaldehyde

Concen: 20.304 ng

RT: 6.59 min Scan# 630

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampled :

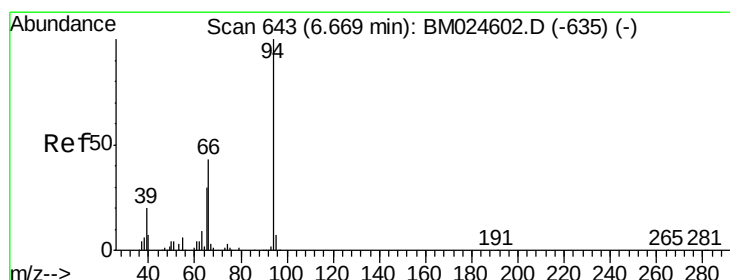
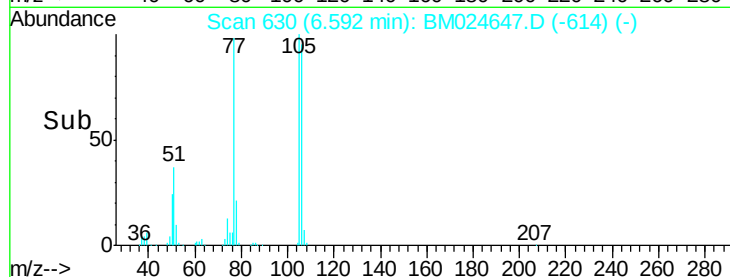
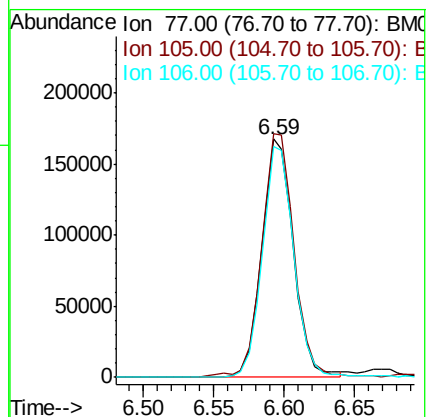
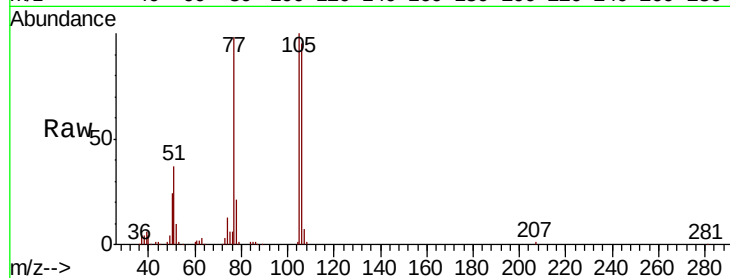
Tot Ion: 77 Resp: 262198

Ion Ratio Lower Upper

77 100

105 102.2 75.2 115.2

106 97.0 68.6 108.6



#10

Phenol

Concen: 31.146 ng

RT: 6.67 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

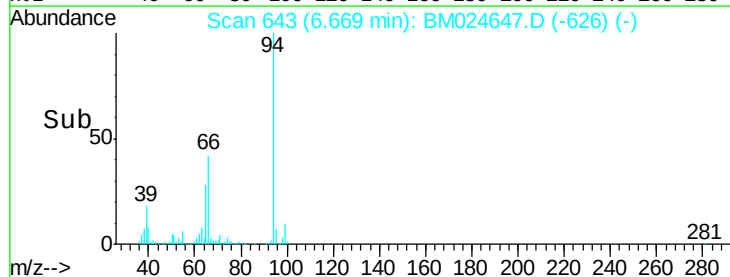
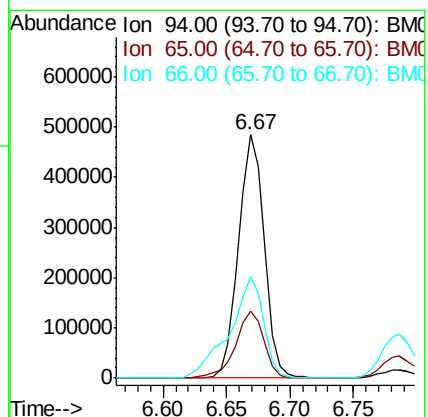
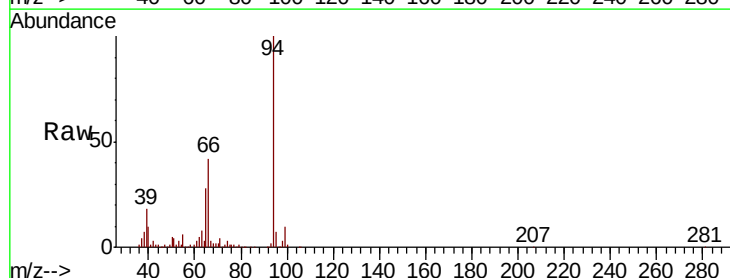
Tgt Ion: 94 Resp: 678535

Ion Ratio Lower Upper

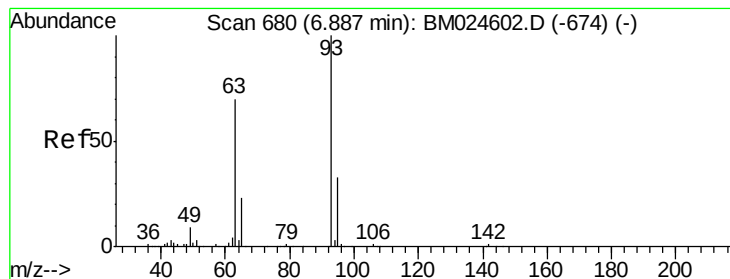
94 100

65 27.5 10.3 50.3

66 41.8 24.8 64.8



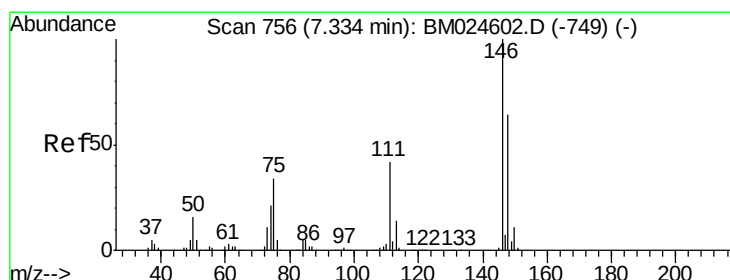
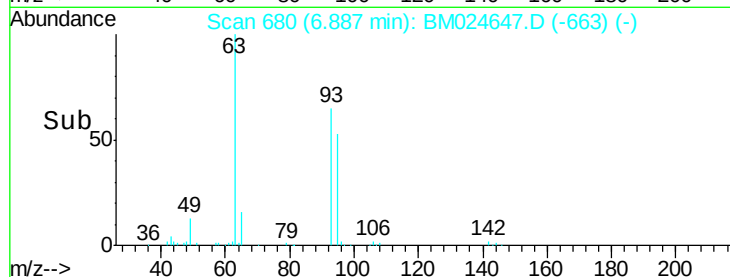
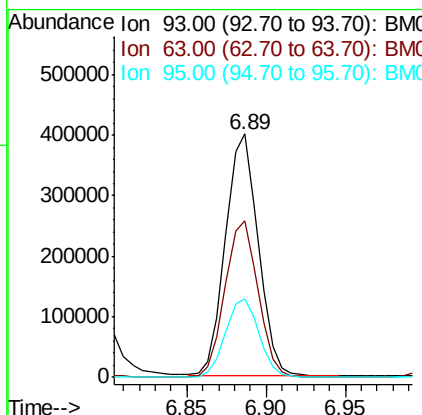
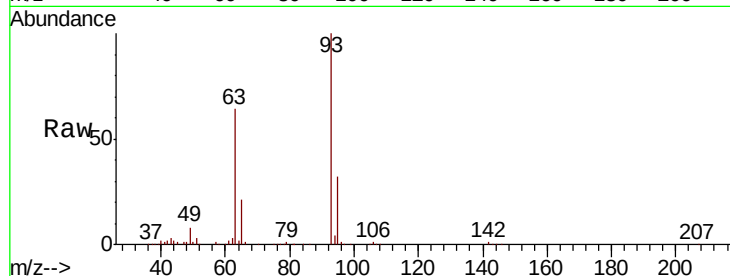




#11  
bis(2-Chloroethyl)ether  
Concen: 32.979 ng  
RT: 6.89 min Scan# 680  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

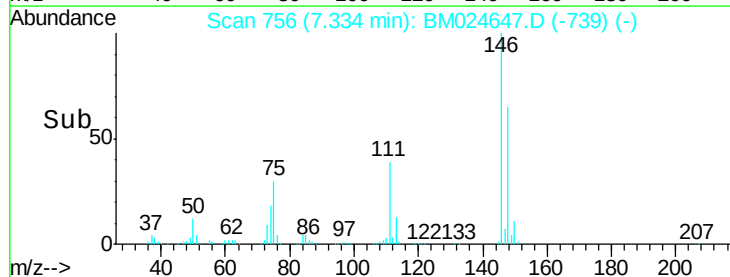
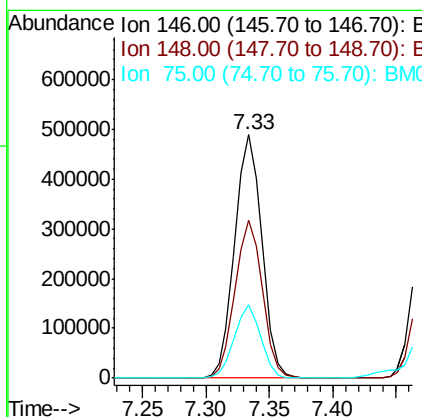
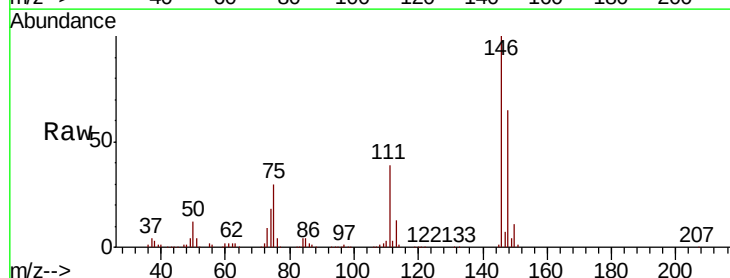
Instrument :  
BNA\_M  
ClientSampled :

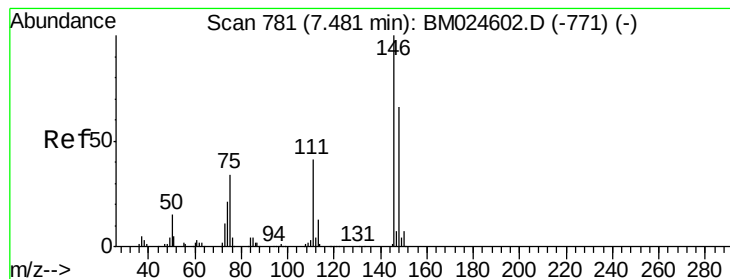
Tot Ion: 93 Resp: 575172  
Ion Ratio Lower Upper  
93 100  
63 64.4 49.6 89.6  
95 32.4 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 32.678 ng  
RT: 7.33 min Scan# 756  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Tgt Ion: 146 Resp: 725029  
Ion Ratio Lower Upper  
146 100  
148 65.1 51.0 76.6  
75 30.3 27.0 40.4





#13

1,4-Dichlorobenzene

Concen: 33.099 ng

RT: 7.47 min Scan# 780

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

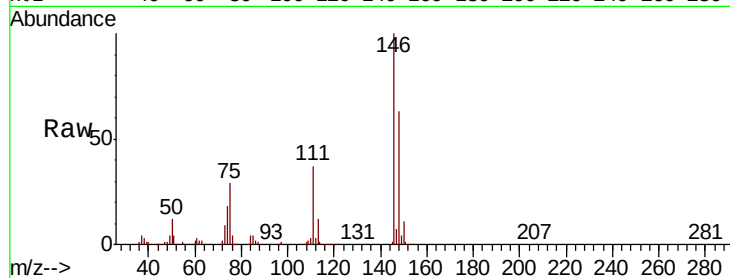
Tot Ion:146 Resp: 745028

Ion Ratio Lower Upper

146 100

148 63.2 52.5 78.7

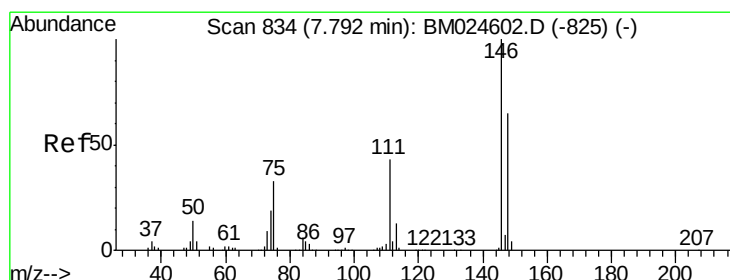
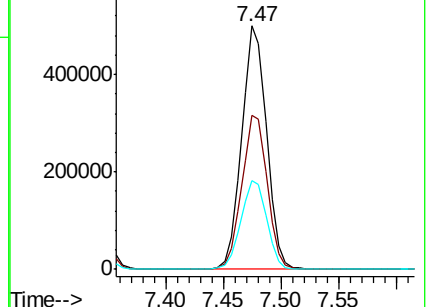
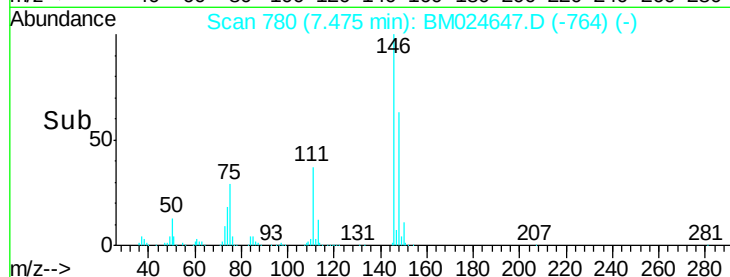
111 36.7 33.0 49.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 33.121 ng

RT: 7.79 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

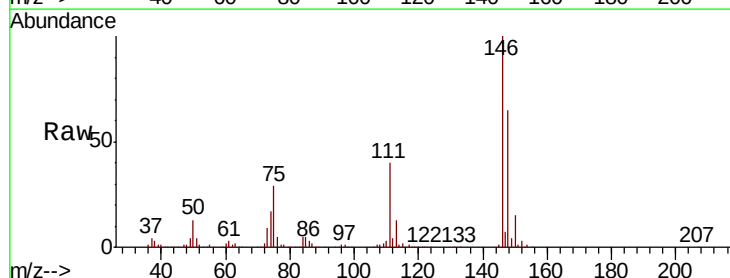
Tgt Ion:146 Resp: 719625

Ion Ratio Lower Upper

146 100

148 65.0 51.9 77.9

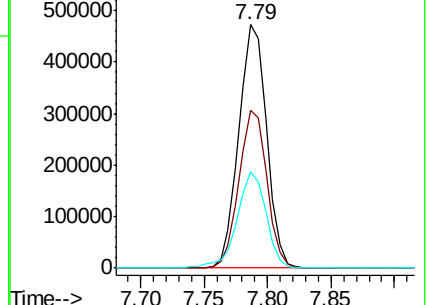
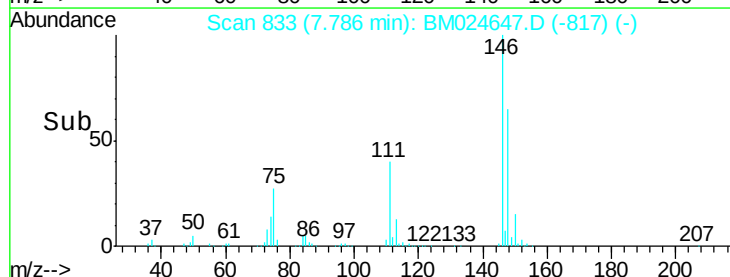
111 39.8 34.5 51.7

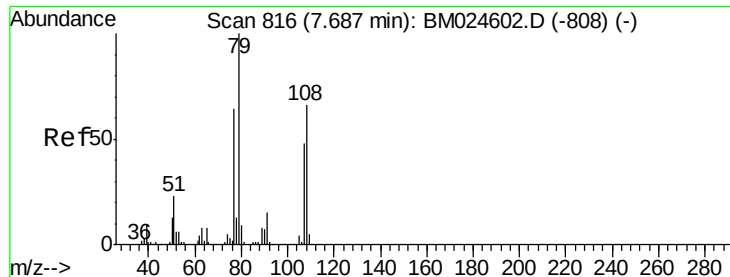


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 32.091 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

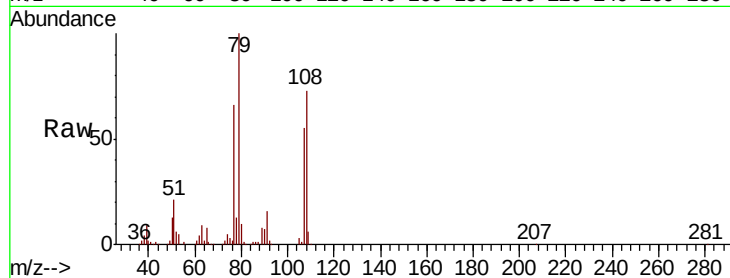
Tot Ion: 79 Resp: 578265

Ion Ratio Lower Upper

79 100

108 72.8 53.0 79.4

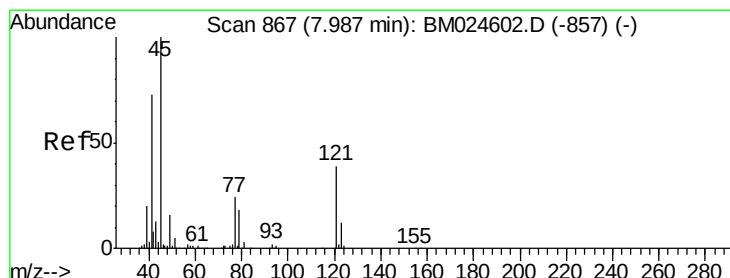
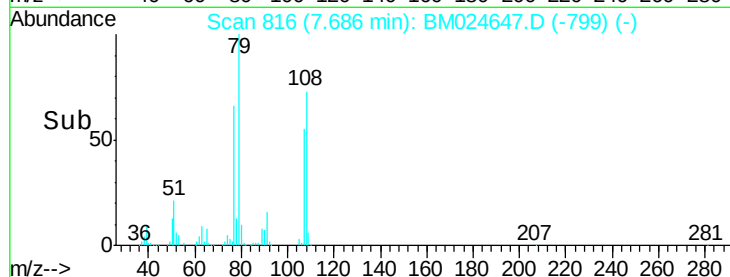
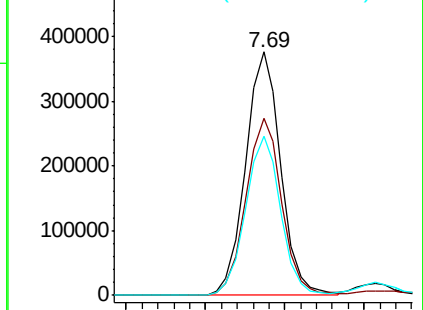
77 65.6 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BM024647.D (-799) (-)

Ion 108.00 (107.70 to 108.70): BM024647.D (-799) (-)

Ion 77.00 (76.70 to 77.70): BM024647.D (-799) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 26.652 ng

RT: 7.99 min Scan# 867

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

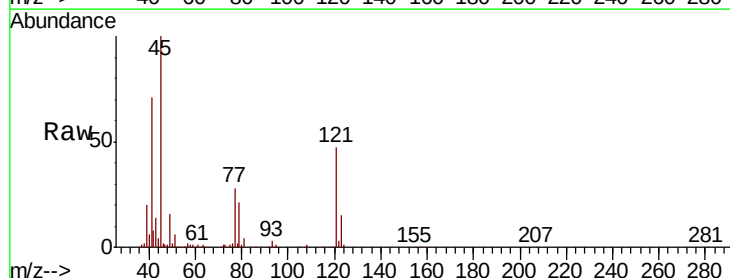
Tgt Ion: 45 Resp: 425532

Ion Ratio Lower Upper

45 100

77 27.6 5.2 45.2

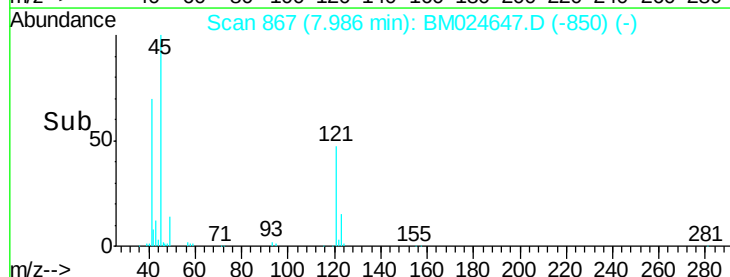
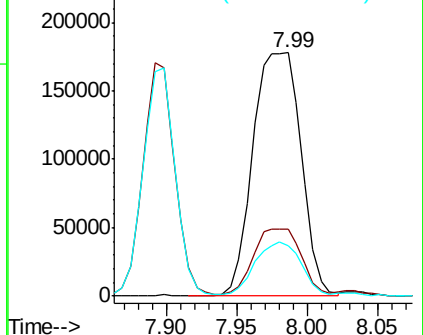
79 20.8 0.0 39.4

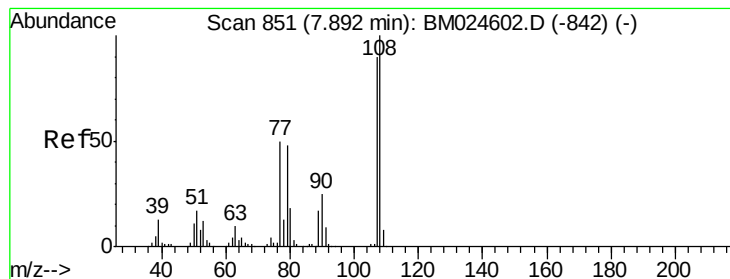


Abundance Ion 45.00 (44.70 to 45.70): BM024647.D (-850) (-)

Ion 77.00 (76.70 to 77.70): BM024647.D (-850) (-)

Ion 79.00 (78.70 to 79.70): BM024647.D (-850) (-)

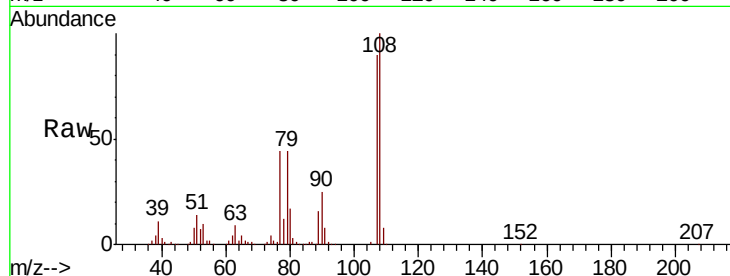




#17  
2-Methylphenol  
Concen: 34.826 ng  
RT: 7.90 min Scan# 852  
Delta R.T. 0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Instrument :  
BNA\_M  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 110.7 | 88.9  | 133.3 |
| 77      | 48.8  | 44.5  | 66.7  |
| 79      | 48.9  | 42.9  | 64.3  |



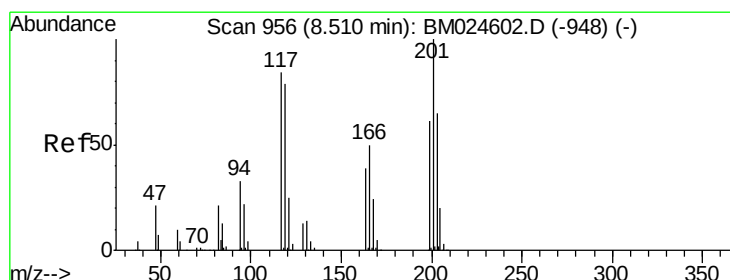
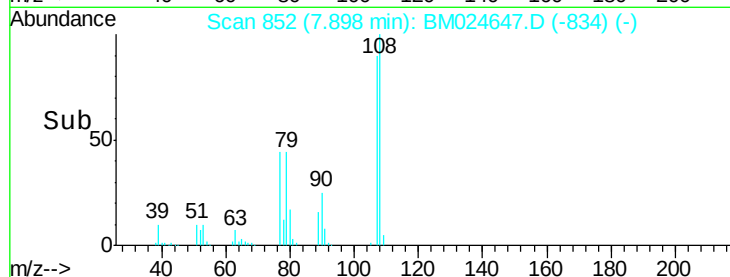
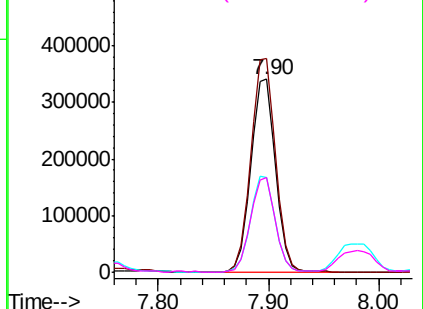
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

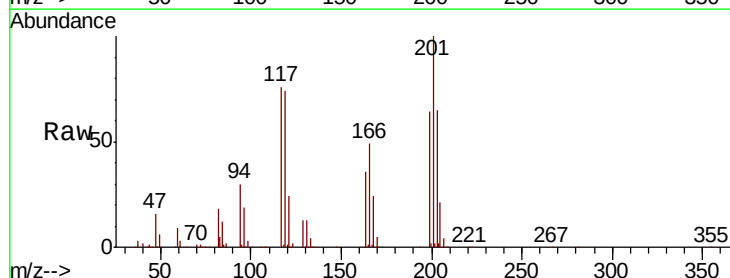
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18  
Hexachloroethane  
Concen: 29.515 ng  
RT: 8.50 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.2  | 75.4  | 113.2 |
| 201     | 131.7 | 95.8  | 143.6 |

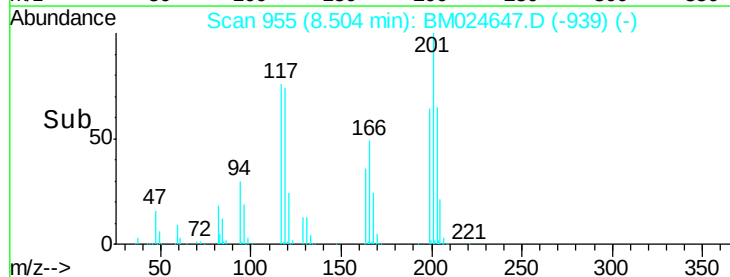
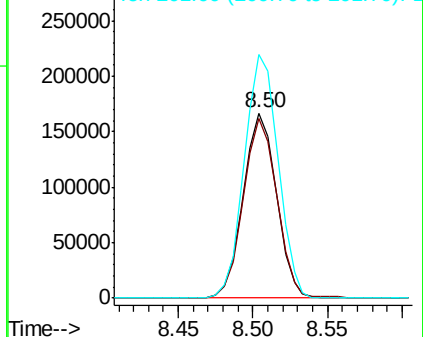


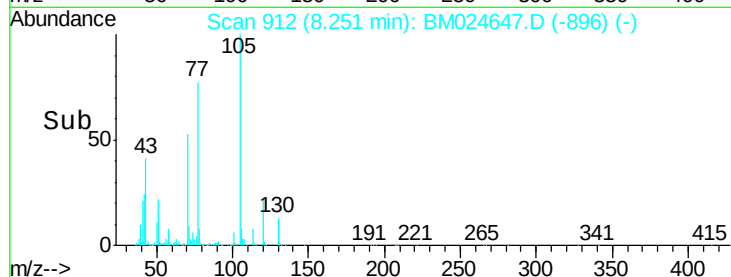
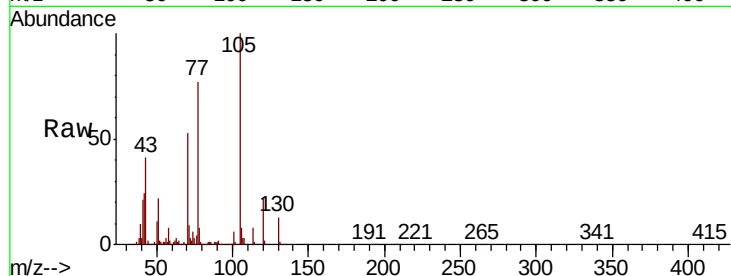
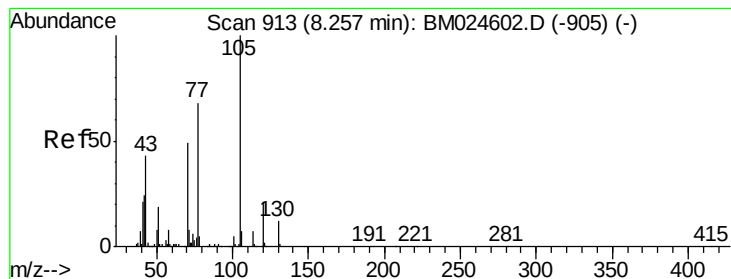
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 28.932 ng

RT: 8.25 min Scan# 912

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 474756

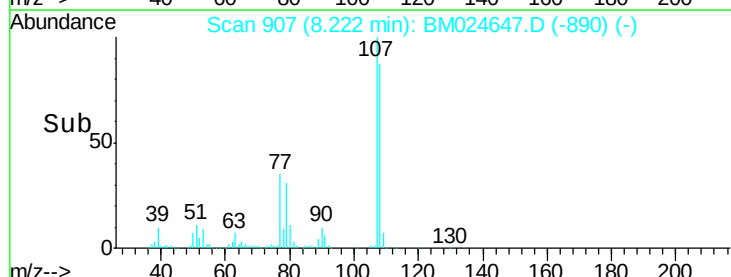
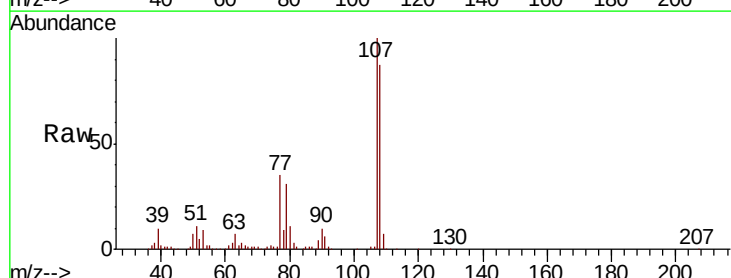
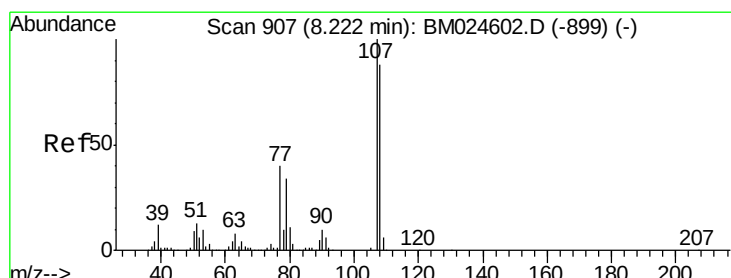
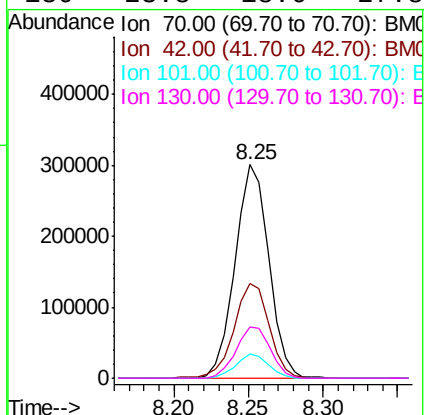
Ion Ratio Lower Upper

70 100

42 44.4 40.0 60.0

101 11.2 8.2 12.2

130 23.8 18.6 27.8



#20

3+4-Methylphenols

Concen: 33.740 ng

RT: 8.22 min Scan# 907

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Tgt Ion: 107 Resp: 717031

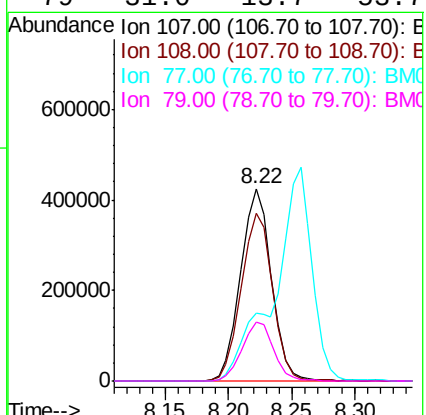
Ion Ratio Lower Upper

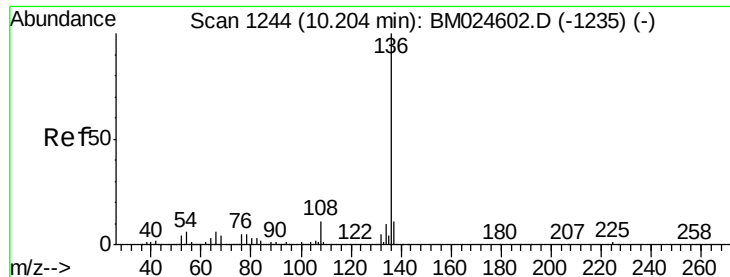
107 100

108 87.3 68.0 108.0

77 35.2 19.9 59.9

79 31.0 13.7 53.7

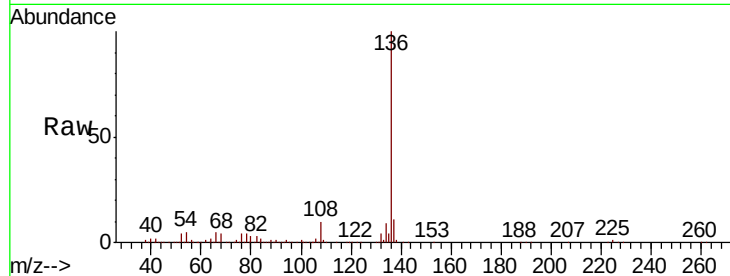




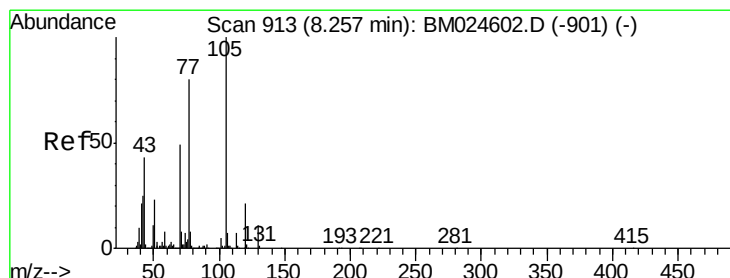
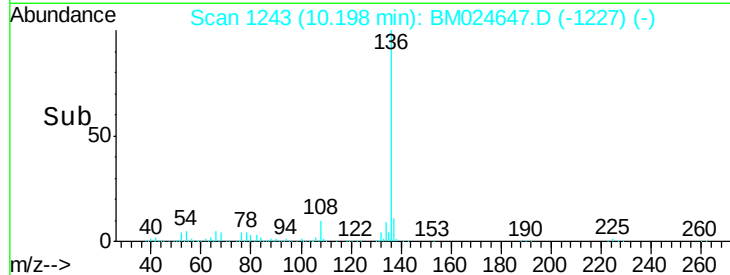
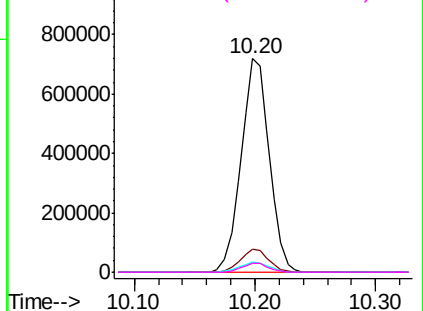
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.20 min Scan# 1243  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Instrument :  
BNA\_M  
ClientSampled :

|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 1168385 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 11.1    | 8.6 13.0      |
| 54 4.6      | 4.5 6.7       |
| 68 4.1      | 3.4 5.0       |

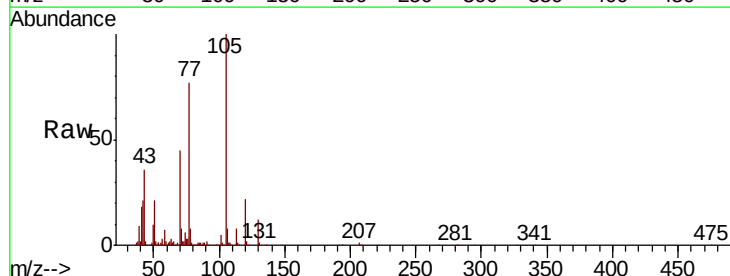


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BM0  
Ion 68.00 (67.70 to 68.70): BM0

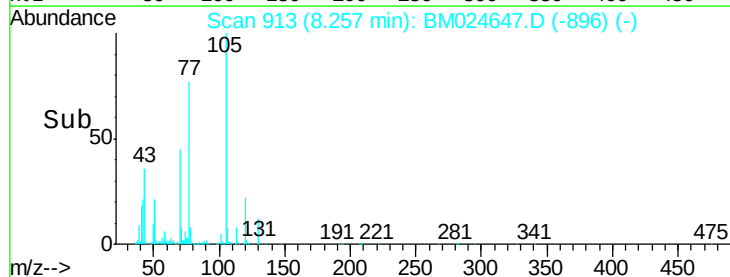
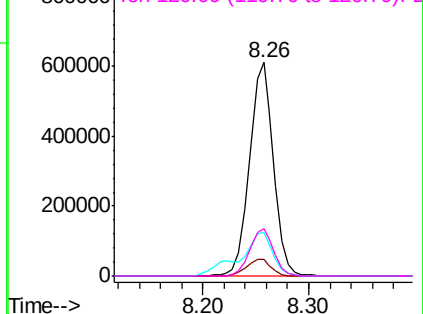


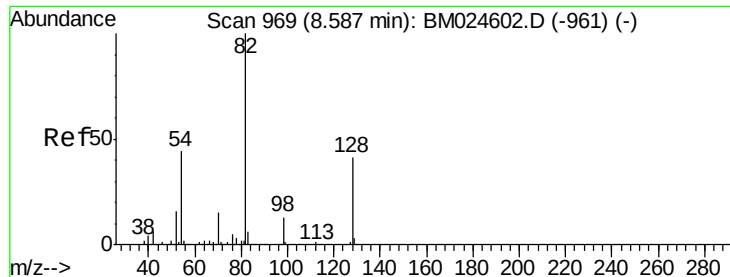
#22  
Acetophenone  
Concen: 32.011 ng  
RT: 8.26 min Scan# 913  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 964408 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 7.5     | 6.7   | 10.1   |
| 51  | 20.5    | 18.5  | 27.7   |
| 120 | 21.9    | 16.6  | 25.0   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0  
Ion 120.00 (119.70 to 120.70): E

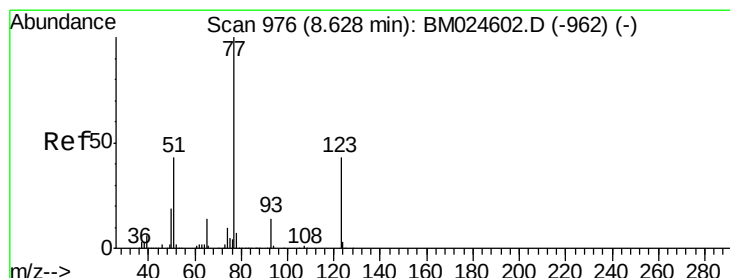
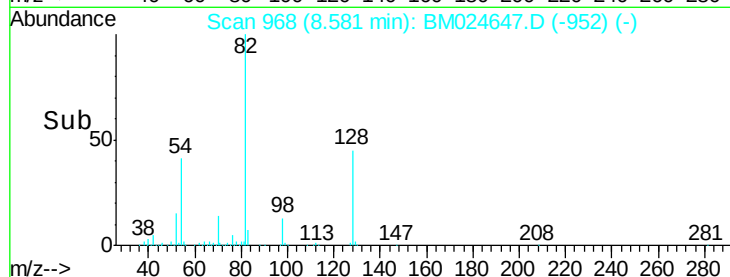
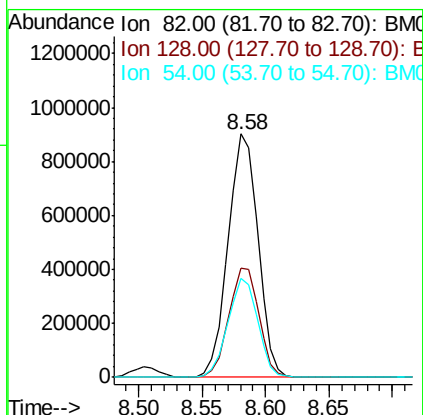
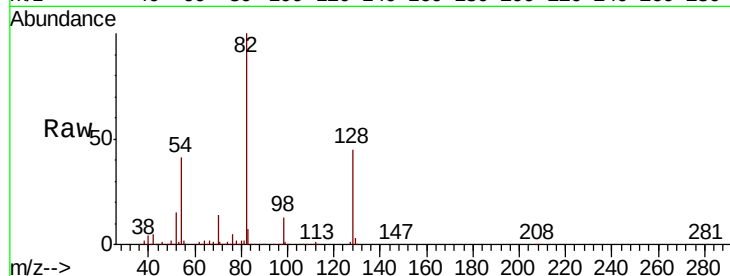




#23  
 Nitrobenzene-d5  
 Concen: 61.829 ng  
 RT: 8.58 min Scan# 968  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

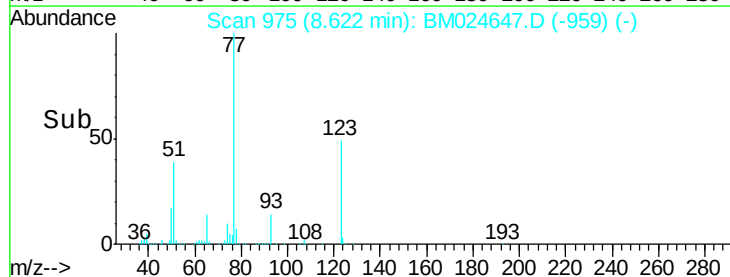
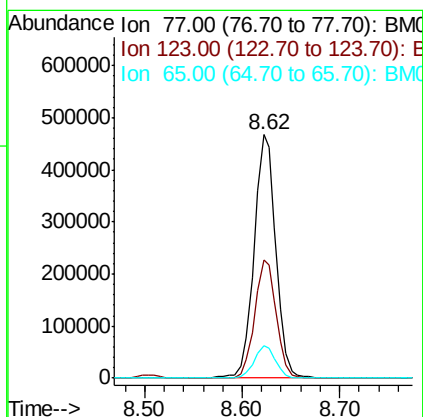
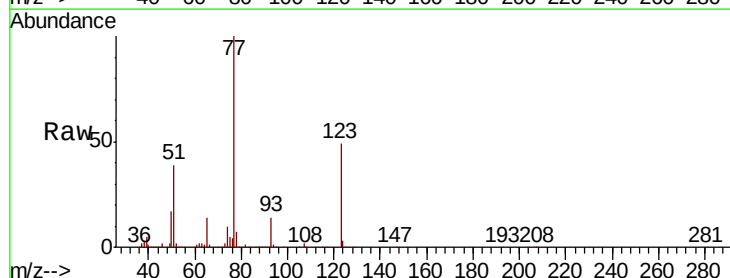
Instrument :  
 BNA\_M  
 ClientSampleID :

Tot Ion: 82 Resp: 1473044  
 Ion Ratio Lower Upper  
 82 100  
 128 44.6 32.6 48.8  
 54 40.7 34.8 52.2

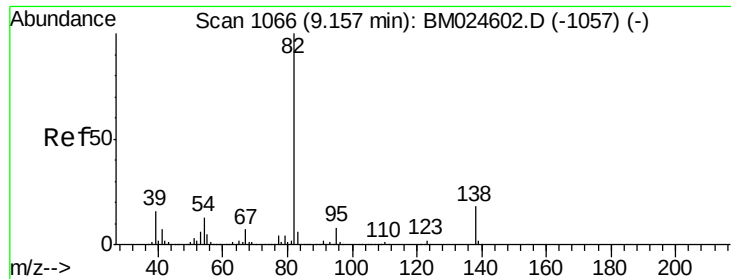


#24  
 Nitrobenzene  
 Concen: 31.962 ng  
 RT: 8.62 min Scan# 975  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Tgt Ion: 77 Resp: 729722  
 Ion Ratio Lower Upper  
 77 100  
 123 48.8 34.6 52.0  
 65 13.5 11.0 16.4



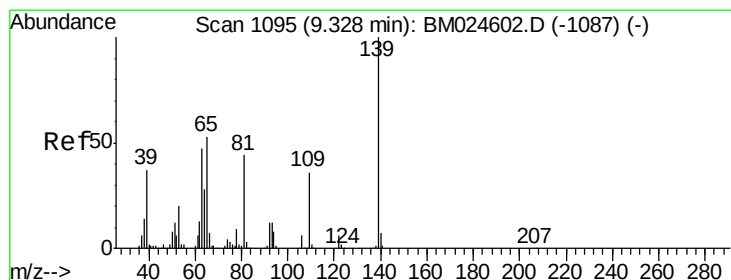
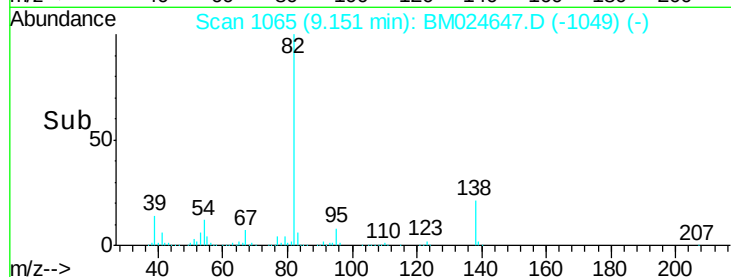
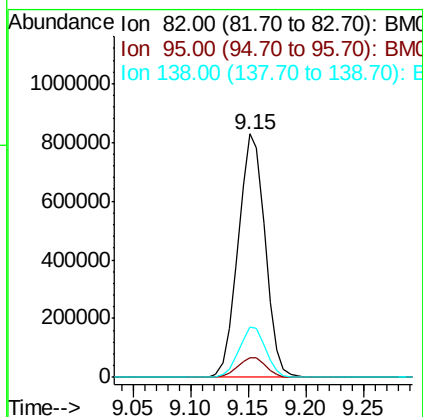
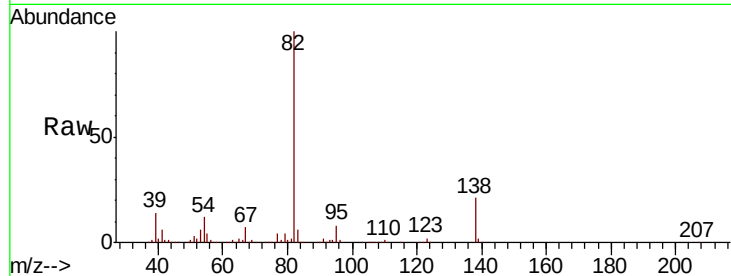




#25  
Isophorone  
Concen: 33.086 ng  
RT: 9.15 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

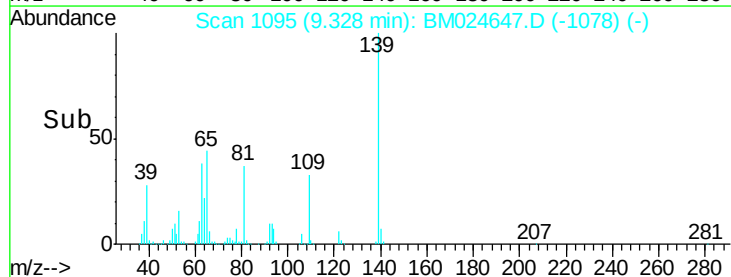
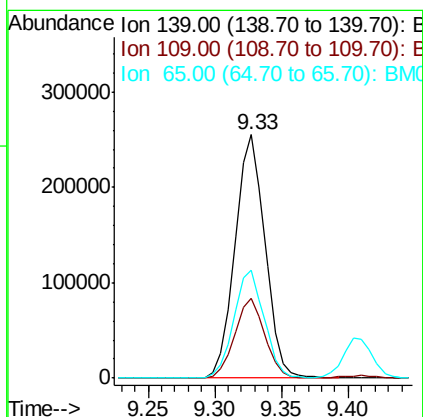
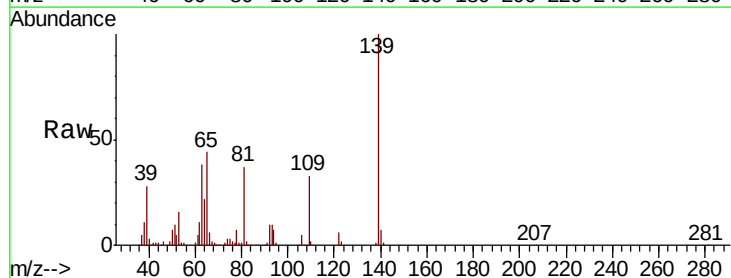
Instrument :  
BNA\_M  
ClientSampleId :

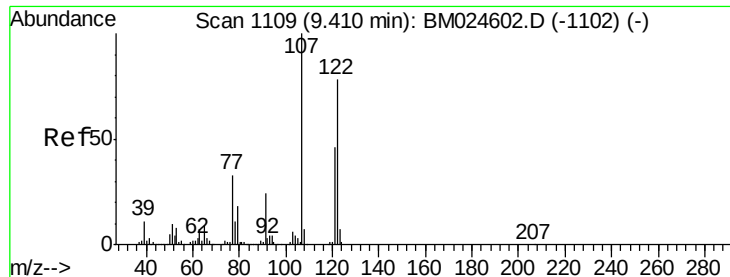
Tot Ion: 82 Resp: 1339346  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.7 10.1  
138 20.8 14.7 22.1



#26  
2-Nitrophenol  
Concen: 37.741 ng  
RT: 9.33 min Scan# 1095  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Tgt Ion: 139 Resp: 398989  
Ion Ratio Lower Upper  
139 100  
109 32.5 28.8 43.2  
65 44.1 42.6 63.8

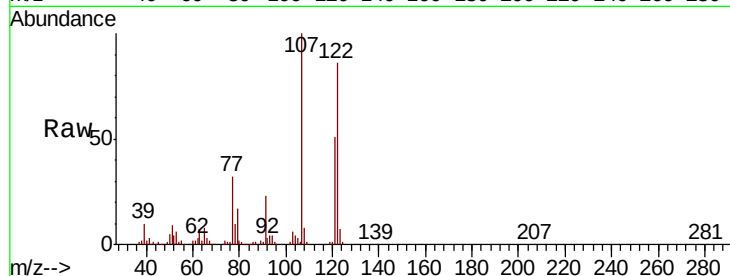




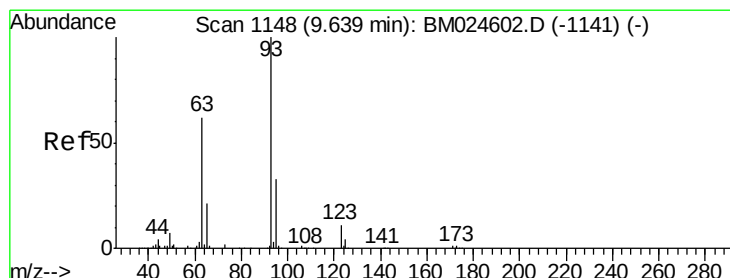
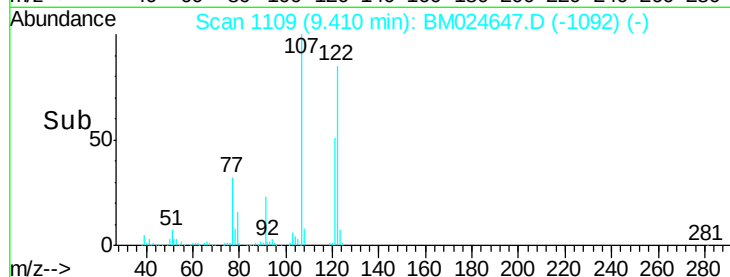
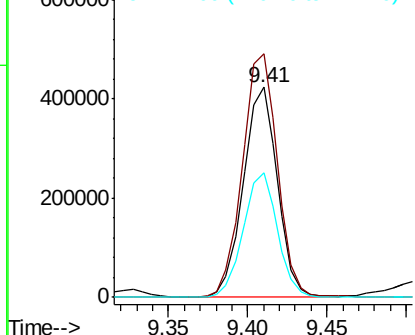
#27  
 2,4-Dimethylphenol  
 Concen: 44.167 ng  
 RT: 9.41 min Scan# 1109  
 Delta R.T. -0.00 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.8 | 102.5 | 153.7 |
| 121     | 59.5  | 47.0  | 70.4  |

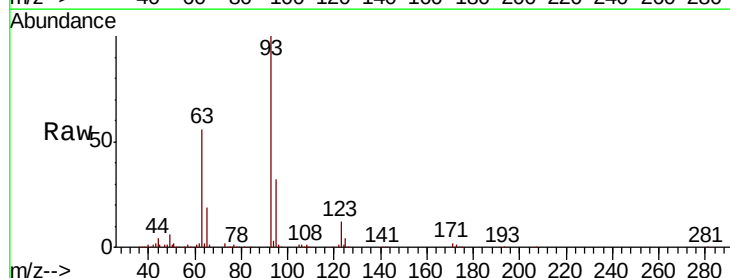


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

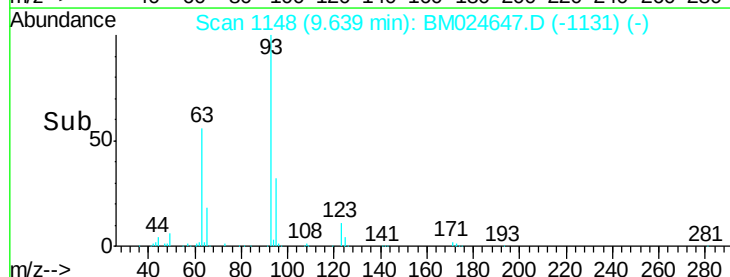
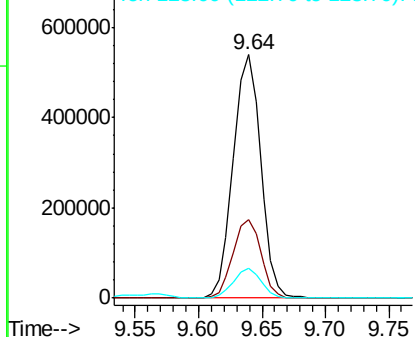


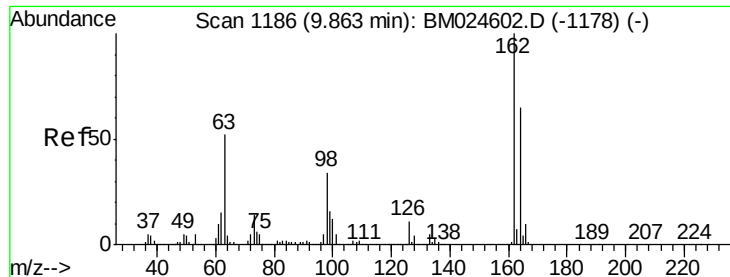
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 32.924 ng  
 RT: 9.64 min Scan# 1148  
 Delta R.T. -0.00 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 26.1  | 39.1  |
| 123     | 12.2  | 8.7   | 13.1  |



Abundance Ion 93.00 (92.70 to 93.70): BM0  
 Ion 95.00 (94.70 to 95.70): BM0  
 Ion 123.00 (122.70 to 123.70): E

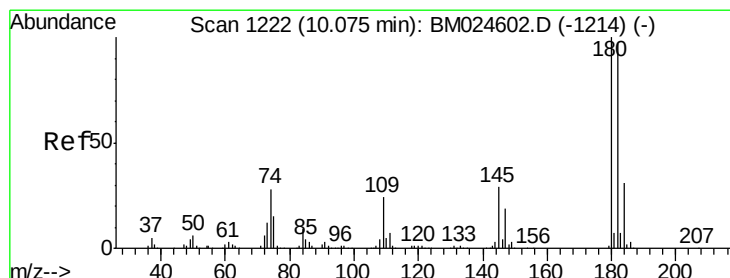
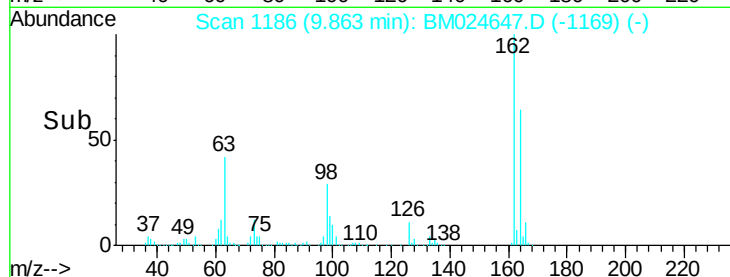
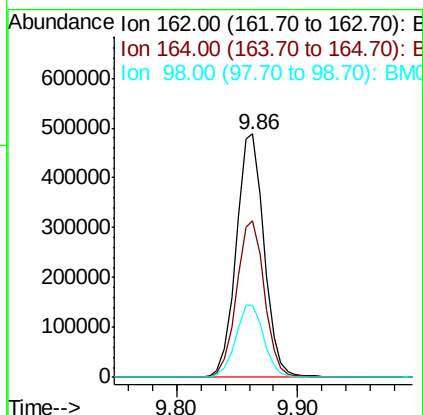
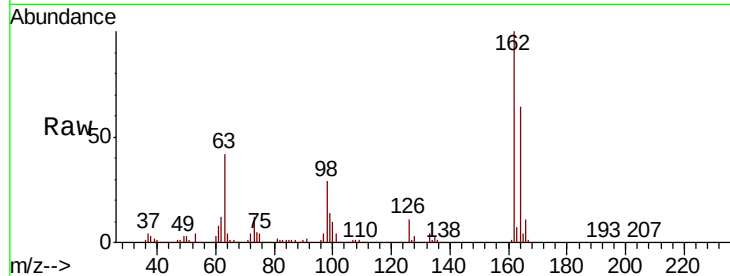




#29  
2,4-Dichlorophenol  
Concen: 40.560 ng  
RT: 9.86 min Scan# 1186  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

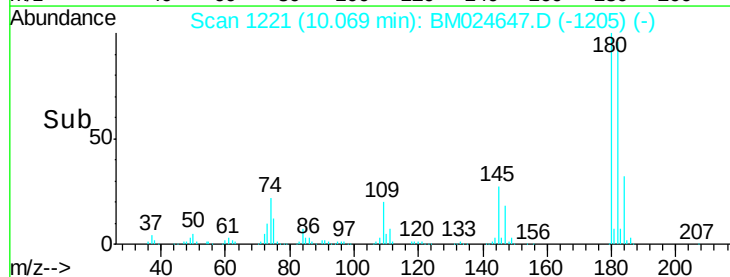
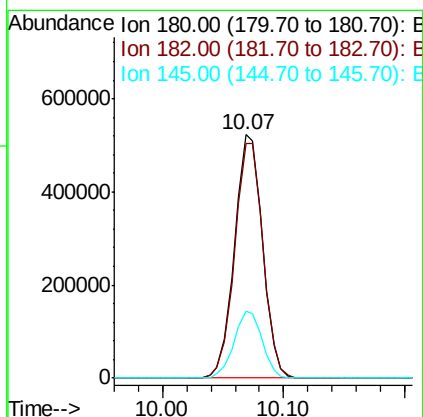
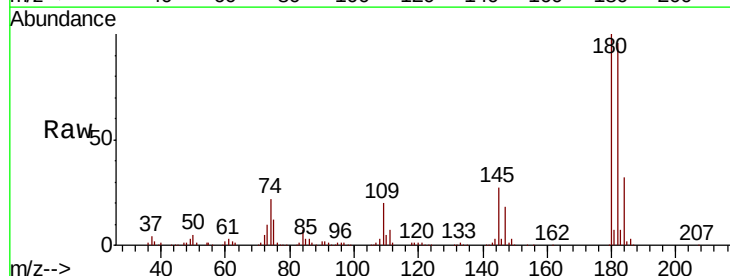
Instrument :  
BNA\_M  
ClientSampleId :

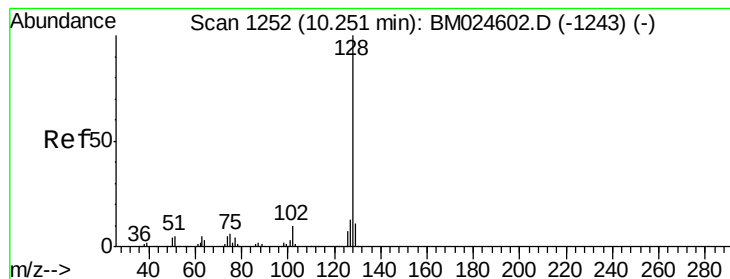
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.2  | 44.5  | 84.5  |
| 98      | 29.5  | 14.2  | 54.2  |



#30  
1,2,4-Trichlorobenzene  
Concen: 36.185 ng  
RT: 10.07 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.3  | 77.8  | 116.6 |
| 145     | 27.3  | 22.9  | 34.3  |





#31

Naphthalene

Concen: 35.112 ng

RT: 10.25 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

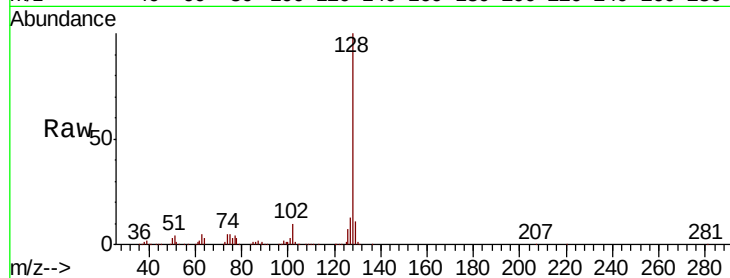
Tot Ion:128 Resp: 2072038

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 128 | 100 |  |  |
|-----|-----|--|--|

|     |      |     |      |
|-----|------|-----|------|
| 129 | 10.9 | 8.8 | 13.2 |
|-----|------|-----|------|

|     |      |      |      |
|-----|------|------|------|
| 127 | 12.8 | 10.6 | 15.8 |
|-----|------|------|------|

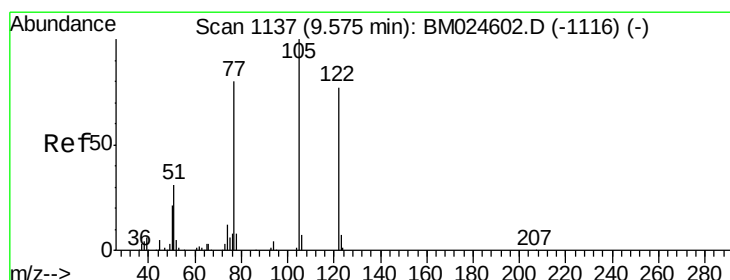
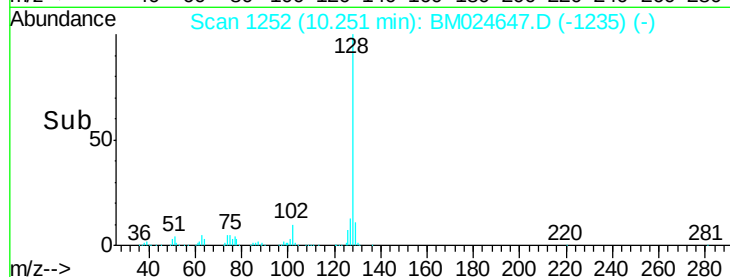
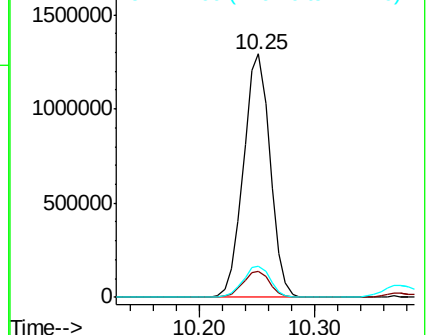


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.890 ng

RT: 9.57 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

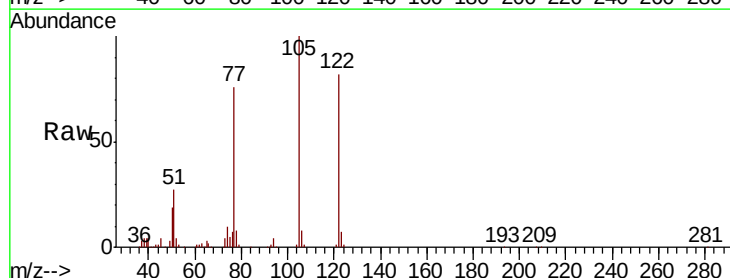
Tgt Ion:122 Resp: 340235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
|-----|-------|-------|-------|

|     |     |  |  |
|-----|-----|--|--|
| 122 | 100 |  |  |
|-----|-----|--|--|

|     |       |       |       |
|-----|-------|-------|-------|
| 105 | 122.7 | 107.7 | 147.7 |
|-----|-------|-------|-------|

|    |      |      |       |
|----|------|------|-------|
| 77 | 93.0 | 83.8 | 123.8 |
|----|------|------|-------|

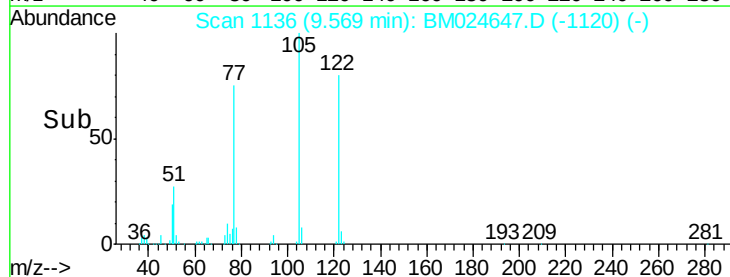
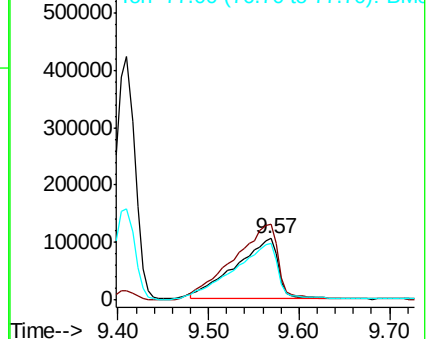


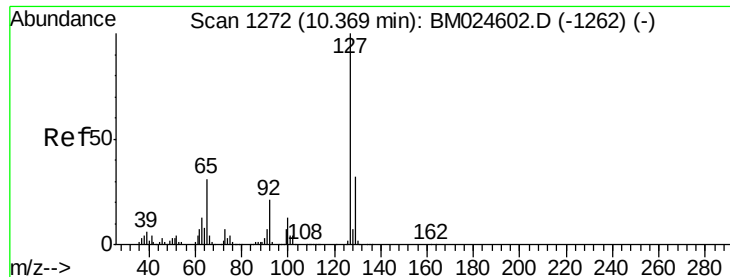
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

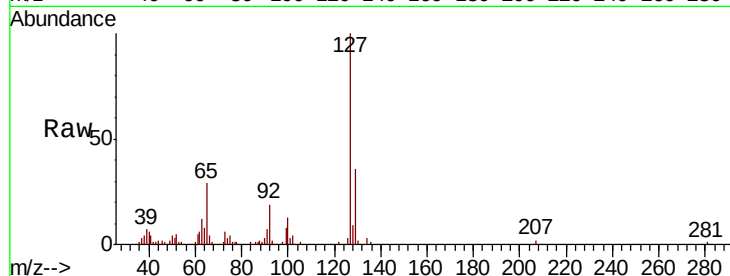




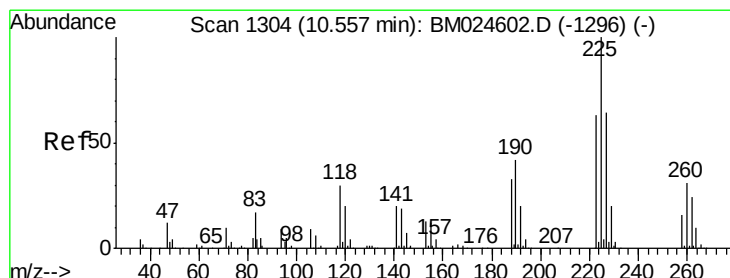
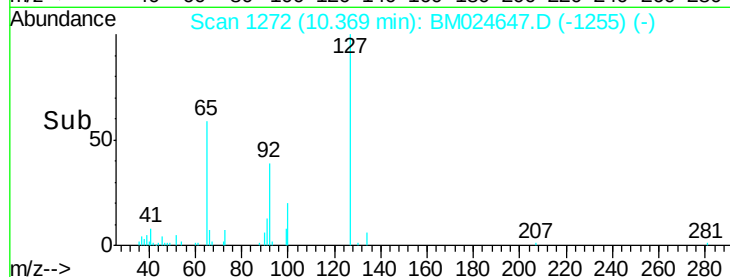
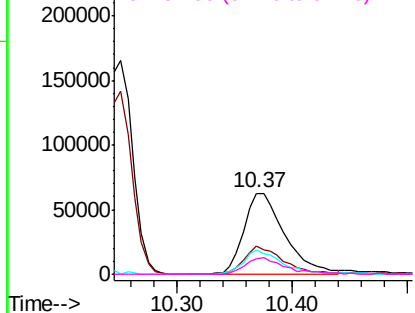
#33  
4-Chloroaniline  
Concen: 5.970 ng  
RT: 10.37 min Scan# 1272  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Instrument :  
BNA\_M  
ClientSampled :

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 154414    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 35.6  | 25.9 38.9 |
| 65          | 29.4  | 25.1 37.7 |
| 92          | 19.4  | 16.6 25.0 |

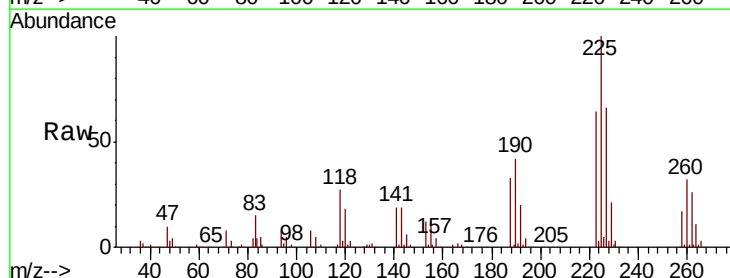


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0

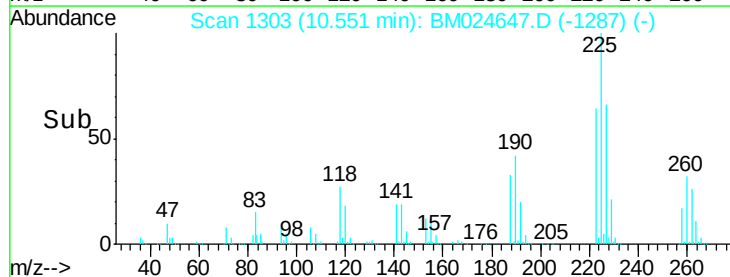
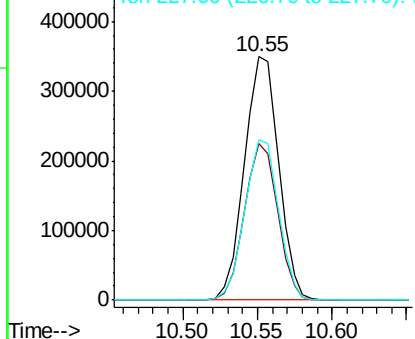


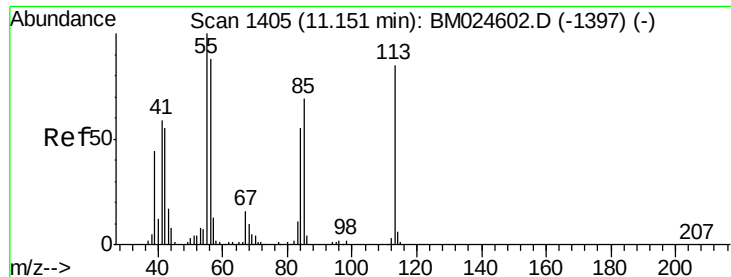
#34  
Hexachlorobutadiene  
Concen: 34.215 ng  
RT: 10.55 min Scan# 1303  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 553655    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 64.3  | 50.7 76.1 |
| 227         | 66.1  | 51.4 77.0 |



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: 10.472 ng

RT: 11.15 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampled :

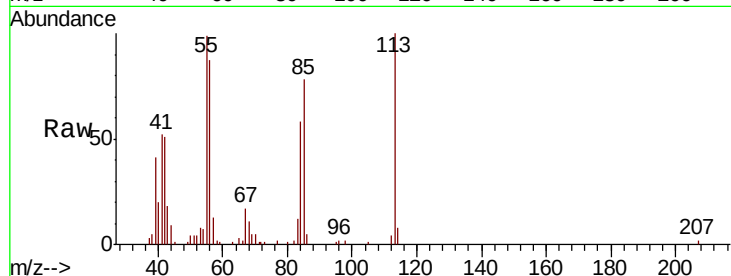
Tot Ion:113 Resp: 65206

Ion Ratio Lower Upper

113 100

55 98.9 97.5 137.5

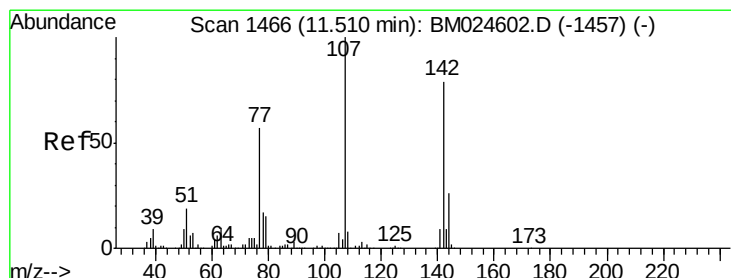
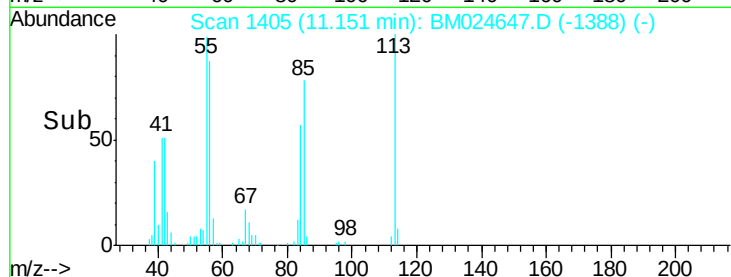
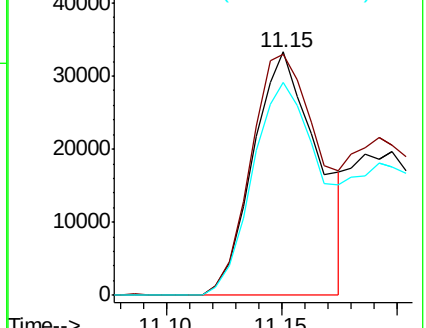
56 87.2 83.4 123.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 34.710 ng

RT: 11.51 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

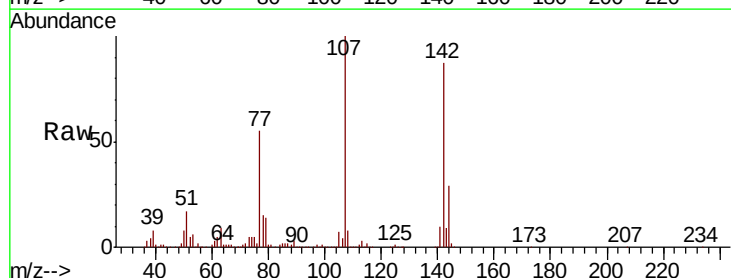
Tgt Ion:107 Resp: 716344

Ion Ratio Lower Upper

107 100

144 28.7 20.5 30.7

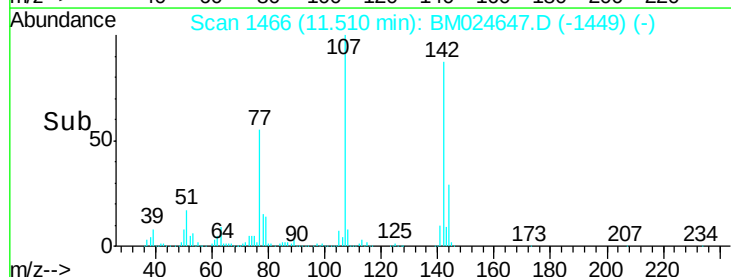
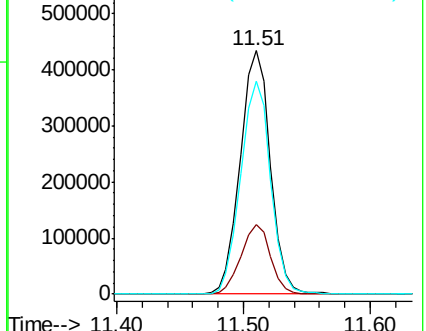
142 87.3 62.8 94.2

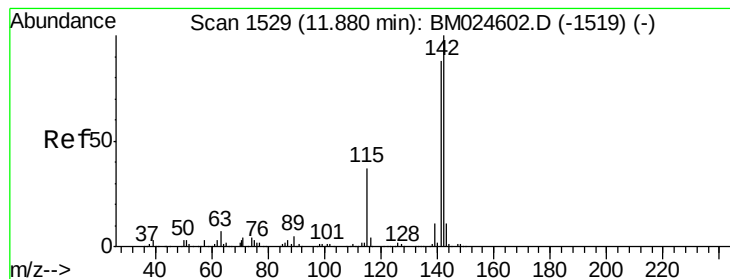


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 36.790 ng

RT: 11.87 min Scan# 1528

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampled :

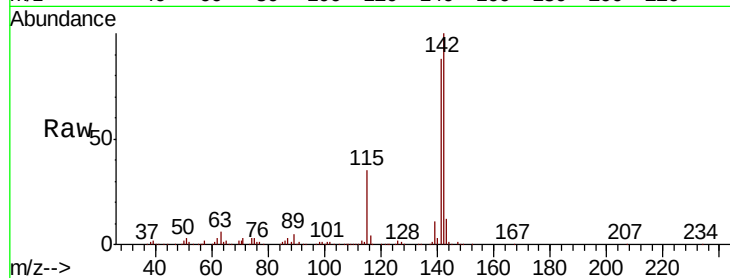
Tot Ion:142 Resp: 1675435

Ion Ratio Lower Upper

142 100

141 87.9 70.2 105.2

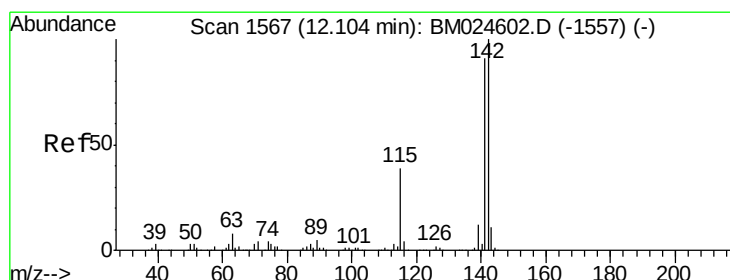
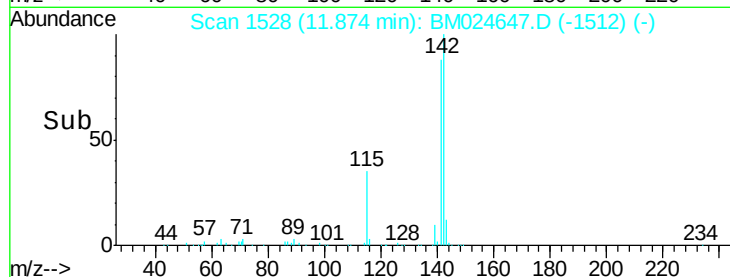
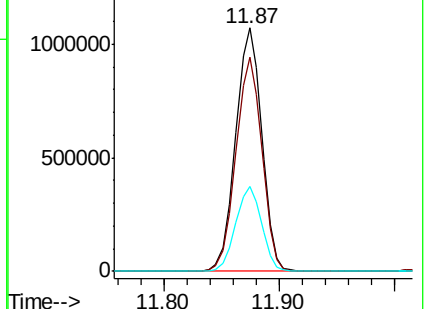
115 34.8 29.7 44.5



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: 36.413 ng

RT: 12.10 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

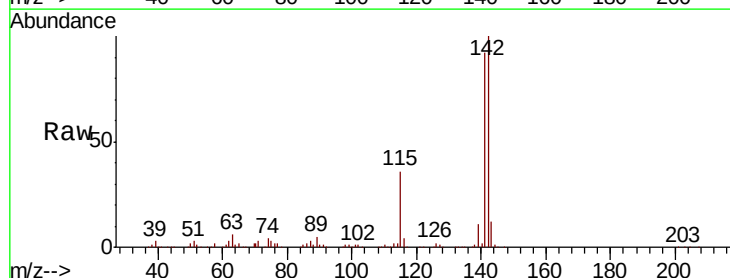
Tgt Ion:142 Resp: 1577381

Ion Ratio Lower Upper

142 100

141 91.5 72.8 109.2

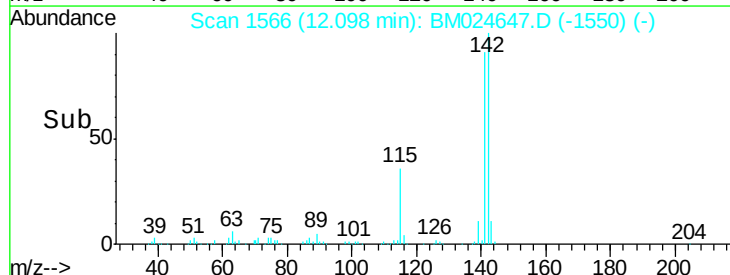
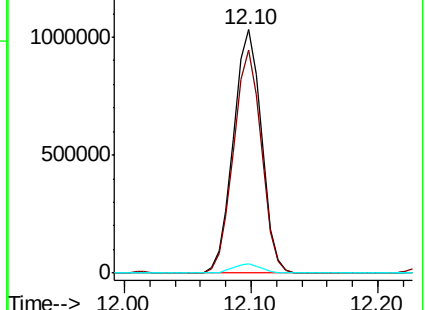
116 4.0 3.2 4.8

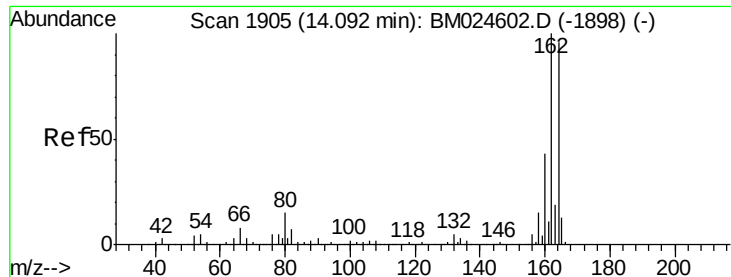


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.09 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

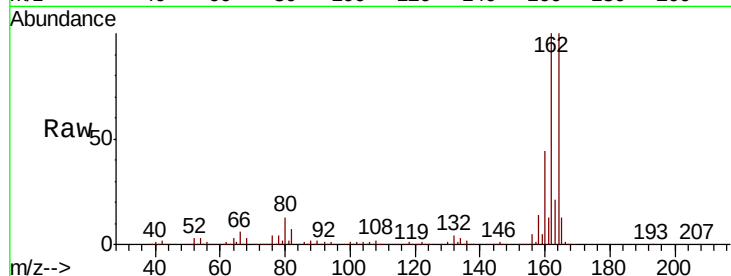
Tot Ion:164 Resp: 827948

Ion Ratio Lower Upper

164 100

162 100.3 82.9 124.3

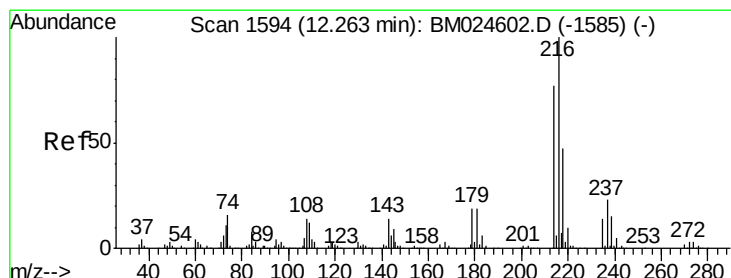
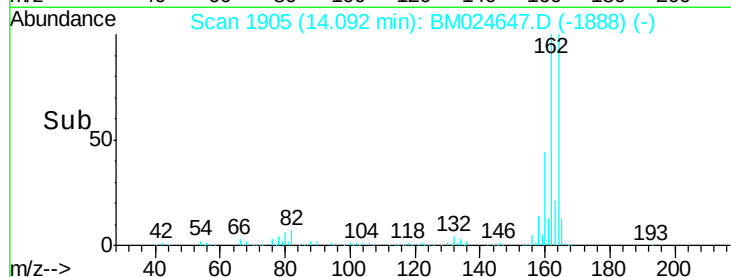
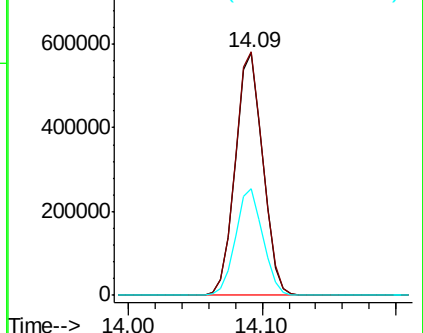
160 44.2 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.099 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Tgt Ion:216 Resp: 1037148

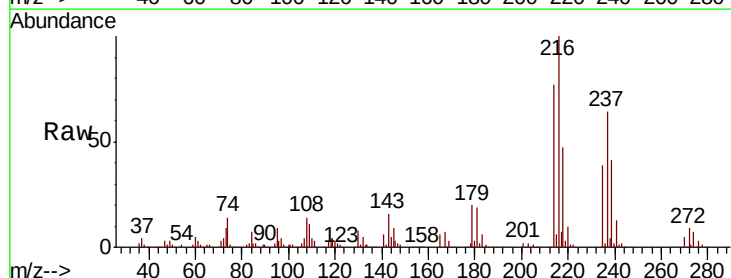
Ion Ratio Lower Upper

216 100

214 77.8 62.3 93.5

179 19.9 16.1 24.1

108 15.5 13.0 19.6

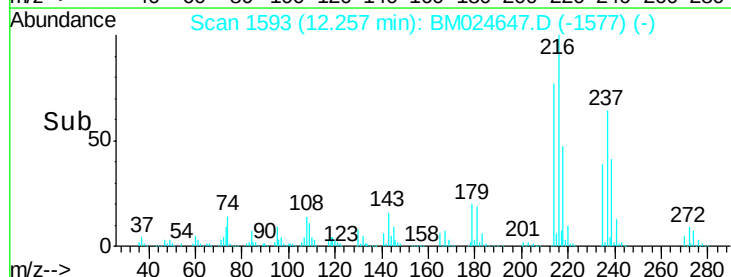
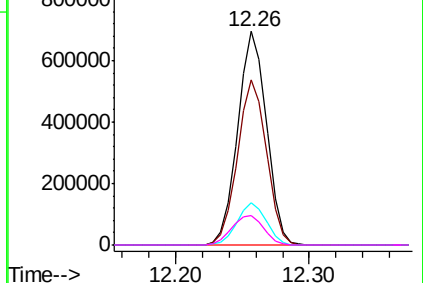


Abundance Ion 216.00 (215.70 to 216.70): E

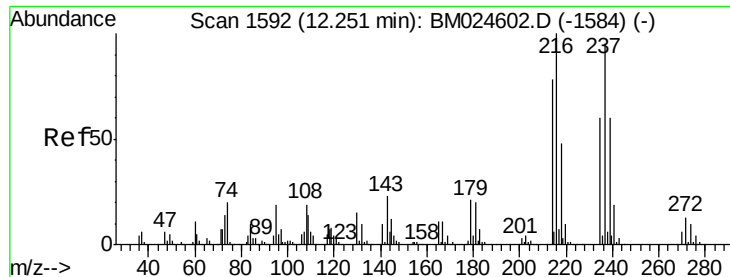
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 75.994 ng

RT: 12.24 min Scan# 1591

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

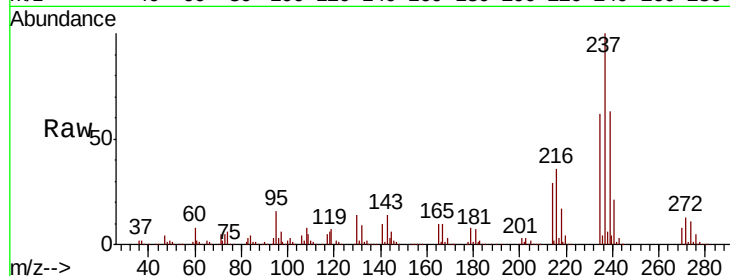
Tot Ion:237 Resp: 1258681

Ion Ratio Lower Upper

237 100

235 62.2 43.3 83.3

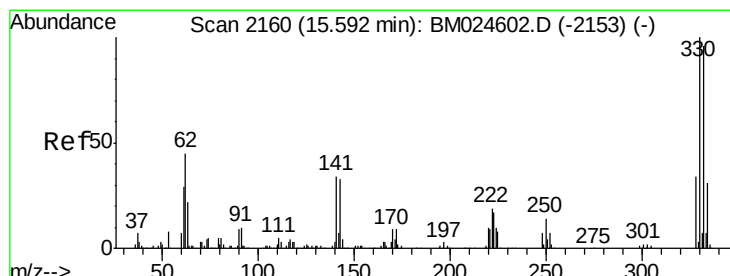
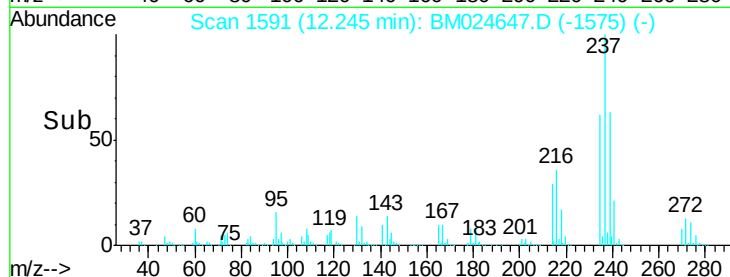
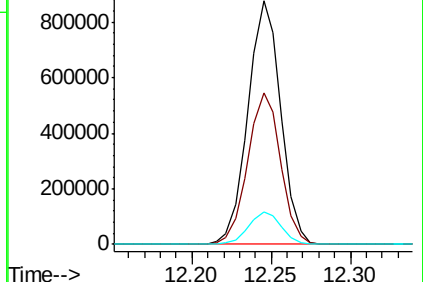
272 13.2 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 109.936 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

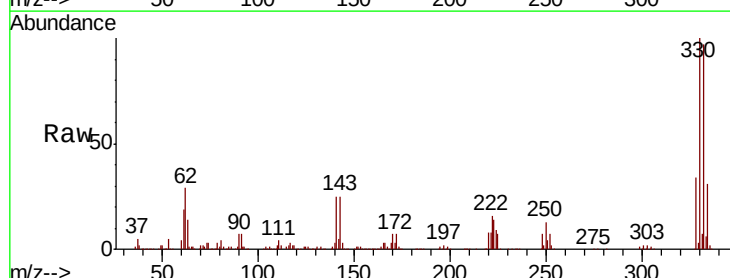
Tgt Ion:330 Resp: 1480594

Ion Ratio Lower Upper

330 100

332 96.7 77.2 115.8

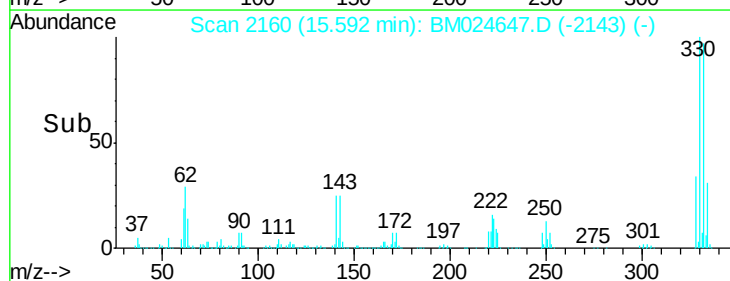
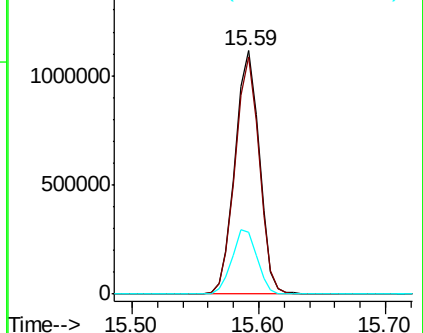
141 27.1 26.9 40.3

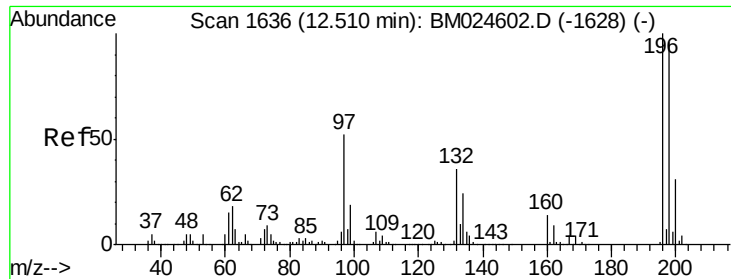


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

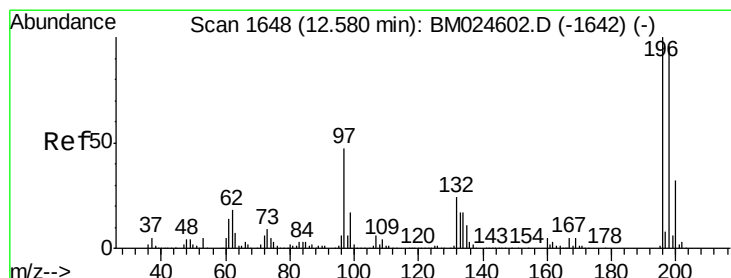
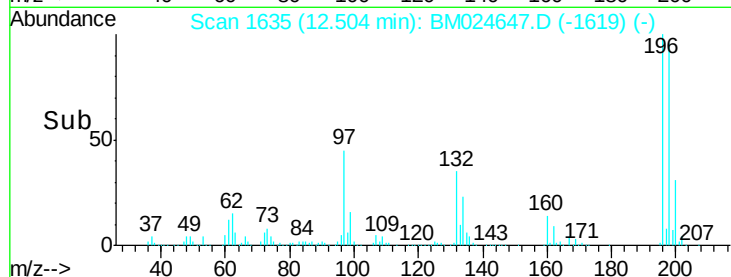
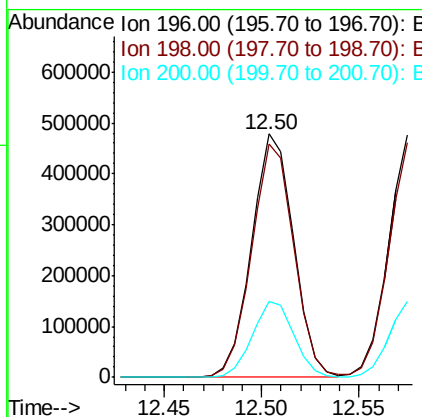
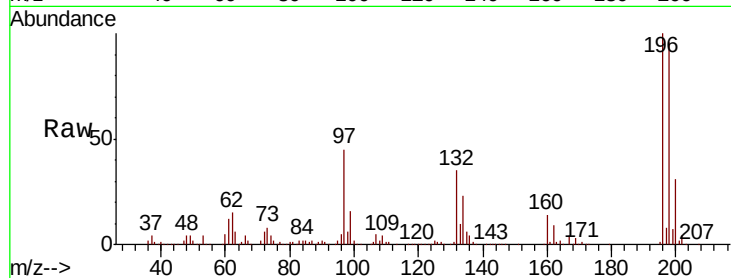




#43  
 2,4,6-Trichlorophenol  
 Concen: 37.917 ng  
 RT: 12.50 min Scan# 1635  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

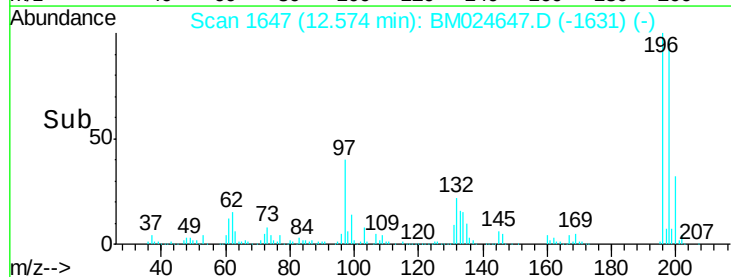
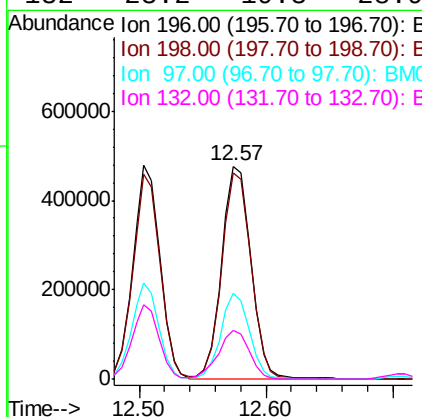
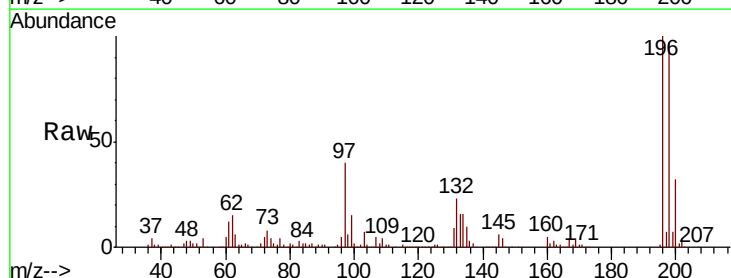
Instrument :  
 BNA\_M  
 ClientSampleId :

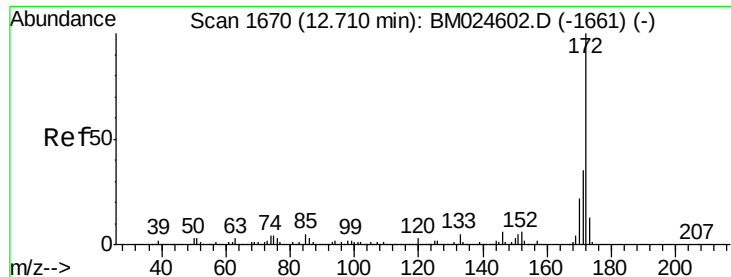
Tot Ion:196 Resp: 712984  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 76.5 114.7  
 200 31.0 25.0 37.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.466 ng  
 RT: 12.57 min Scan# 1647  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Tgt Ion:196 Resp: 757900  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 77.2 115.8  
 97 40.5 37.4 56.0  
 132 23.2 19.3 28.9

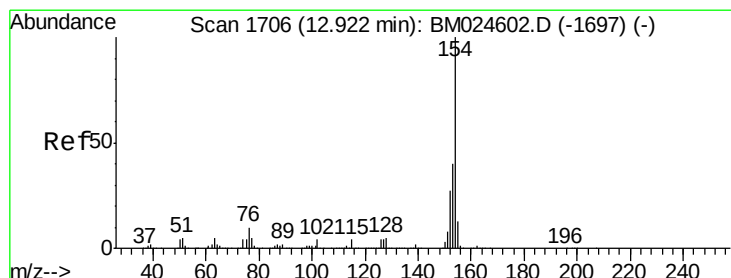
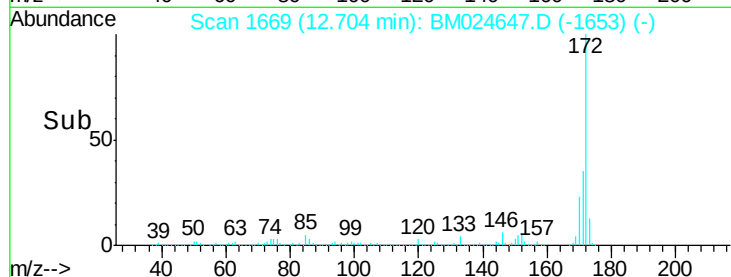
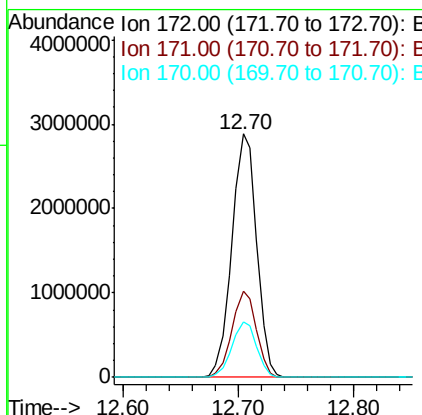
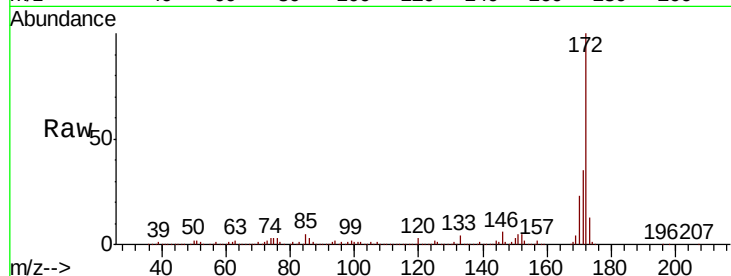




#45  
2-Fluorobiphenyl  
Concen: 70.329 ng  
RT: 12.70 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

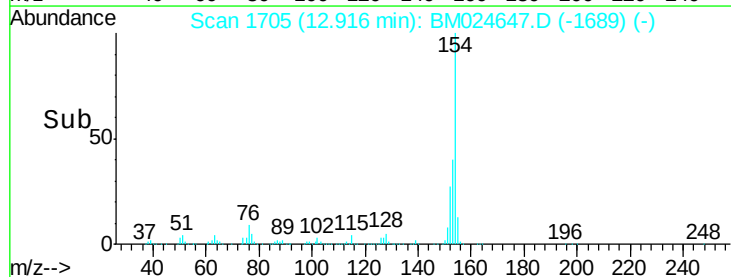
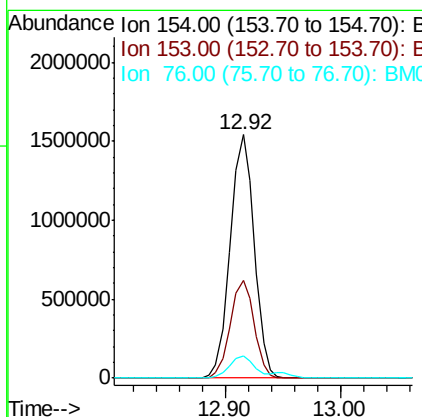
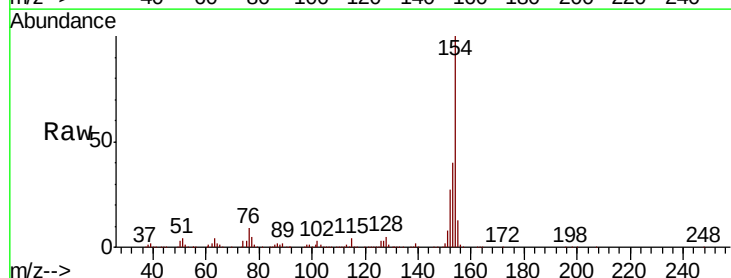
Instrument :  
BNA\_M  
ClientSampleId :

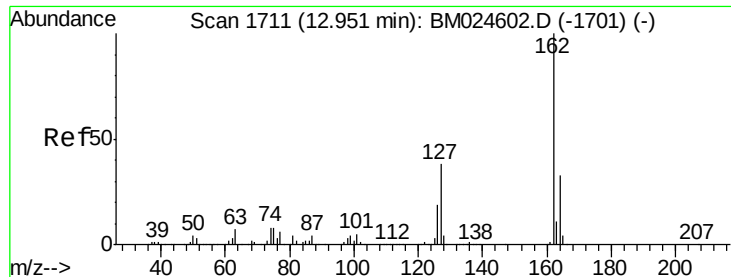
Tot Ion:172 Resp: 4283096  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.3 42.5  
170 23.0 17.9 26.9



#46  
1,1'-Biphenyl  
Concen: 35.414 ng  
RT: 12.92 min Scan# 1705  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Tgt Ion:154 Resp: 2218937  
Ion Ratio Lower Upper  
154 100  
153 40.3 20.3 60.3  
76 8.9 0.0 30.5

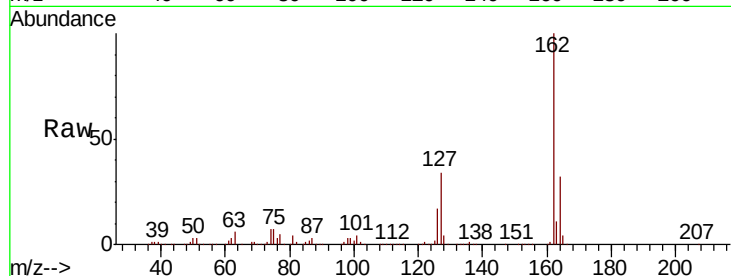




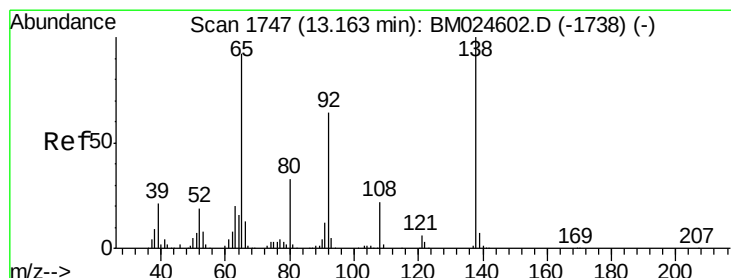
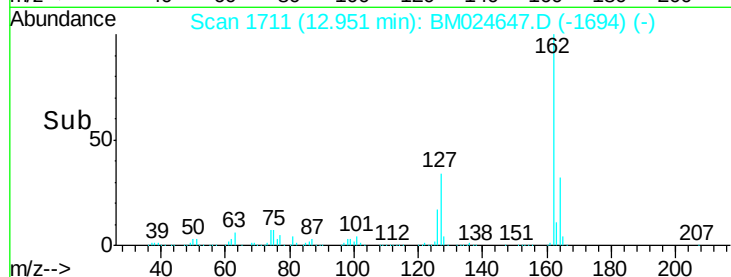
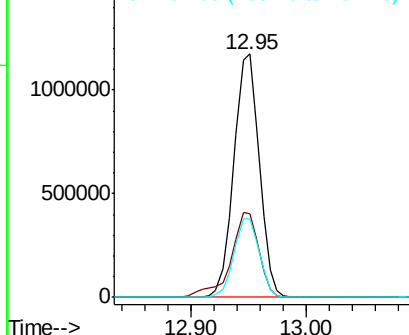
#47  
2-Chloronaphthalene  
Concen: 35.418 ng  
RT: 12.95 min Scan# 1711  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:162 Resp: 1791567  
Ion Ratio Lower Upper  
162 100  
127 34.3 30.4 45.6  
164 32.4 26.5 39.7

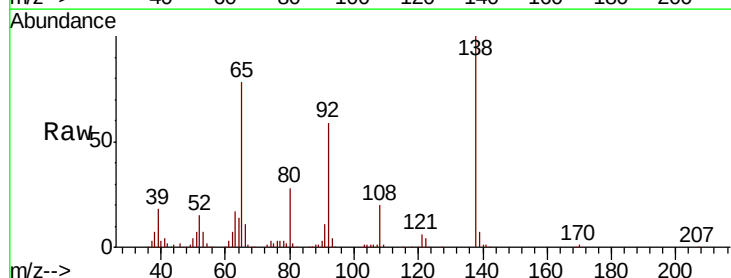


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

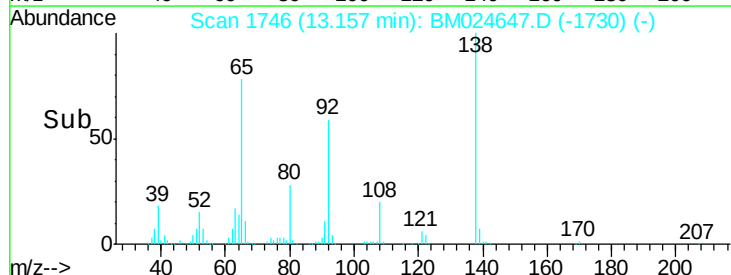
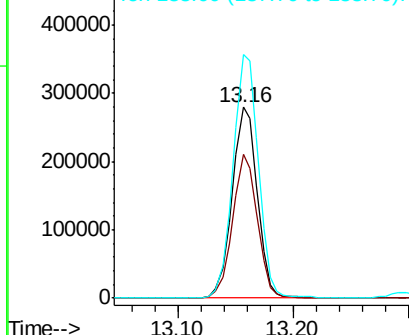


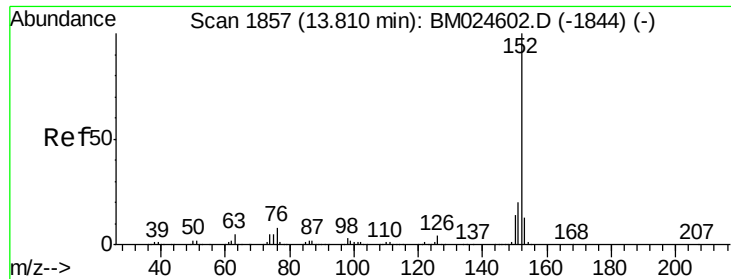
#48  
2-Nitroaniline  
Concen: 27.415 ng  
RT: 13.16 min Scan# 1746  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Tgt Ion: 65 Resp: 422947  
Ion Ratio Lower Upper  
65 100  
92 75.2 55.4 83.2  
138 127.6 86.6 129.8



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: 36.682 ng

RT: 13.80 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

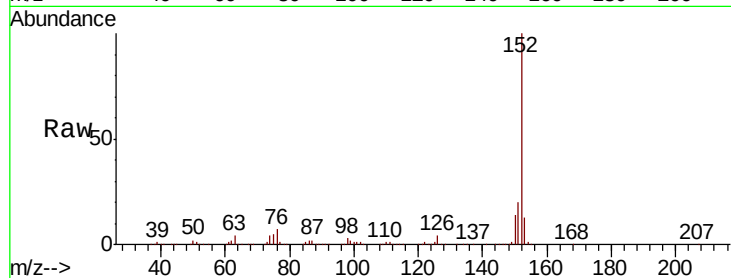
Instrument :

BNA\_M

ClientSampled :

Tot Ion:152 Resp: 2777707

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.8  | 15.8  | 23.6  |
| 153 | 13.0  | 10.4  | 15.6  |

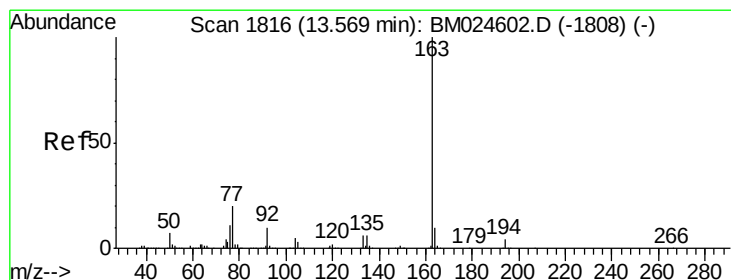
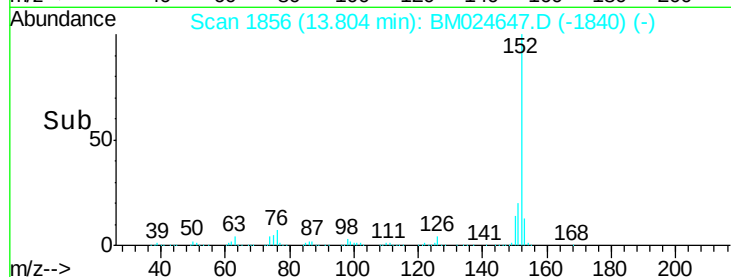
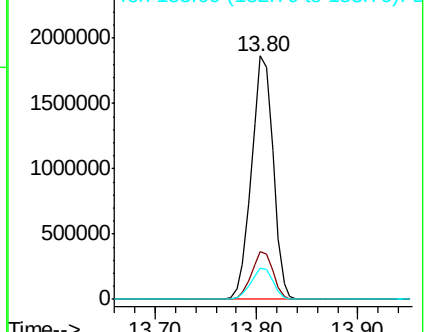


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.311 ng

RT: 13.57 min Scan# 1816

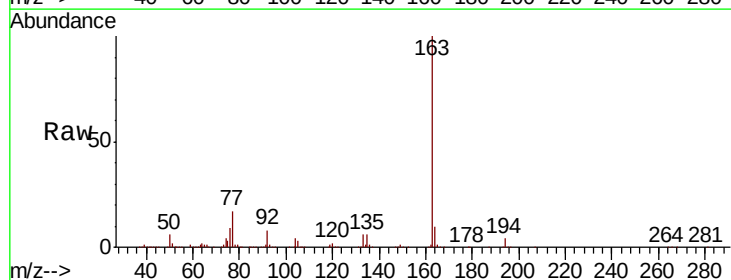
Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Tgt Ion:163 Resp: 2564911

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.4   | 5.0   |
| 164 | 10.1  | 8.0   | 12.0  |

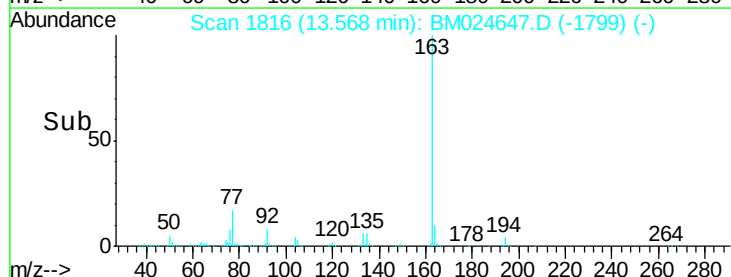
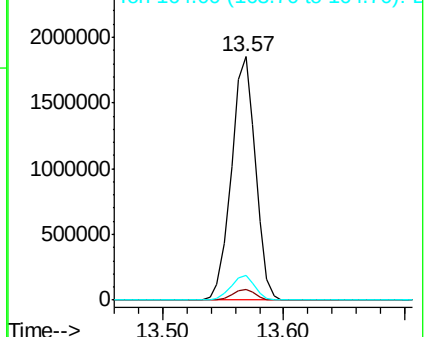


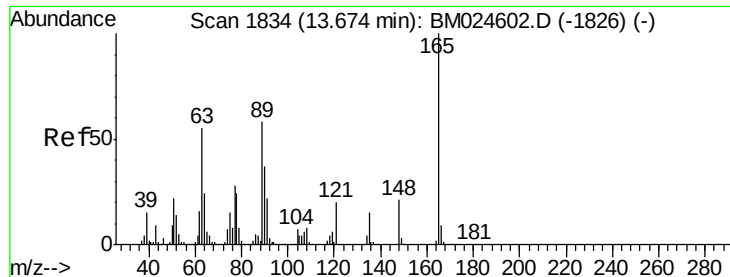
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

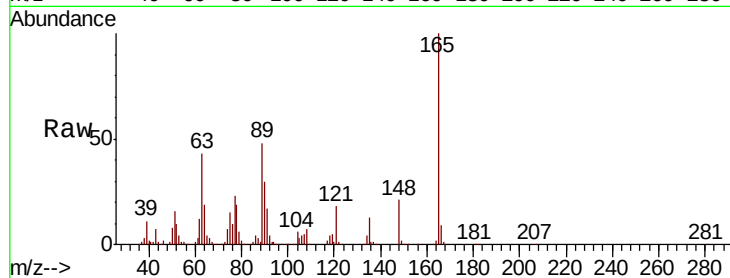




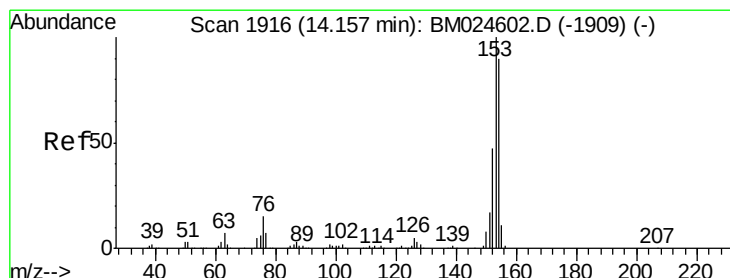
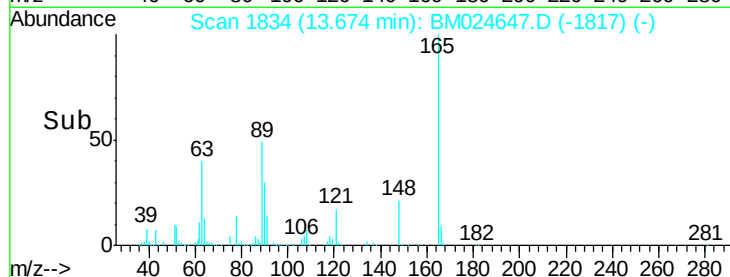
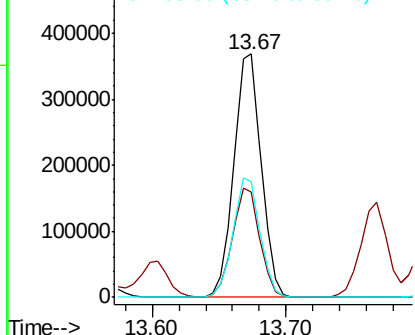
#51  
2,6-Dinitrotoluene  
Concen: 36.925 ng  
RT: 13.67 min Scan# 1834  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 43.3  | 45.4  | 68.0# |
| 89      | 47.7  | 46.6  | 69.8  |

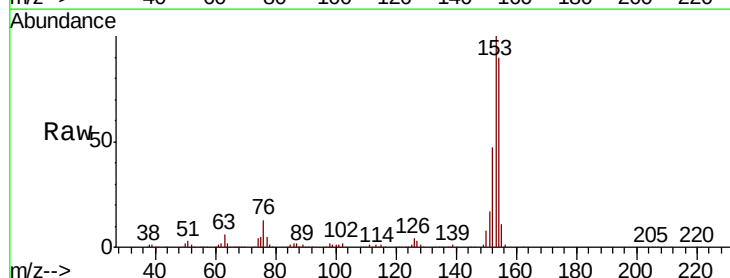


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM  
Ion 89.00 (88.70 to 89.70): BM

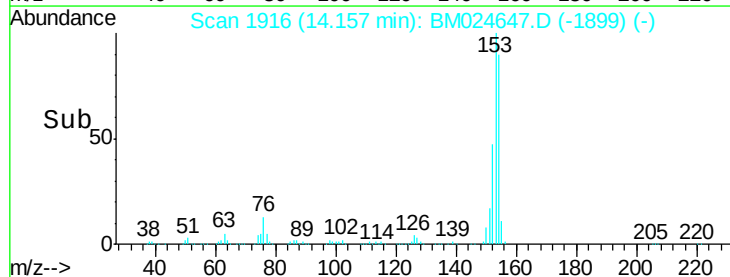
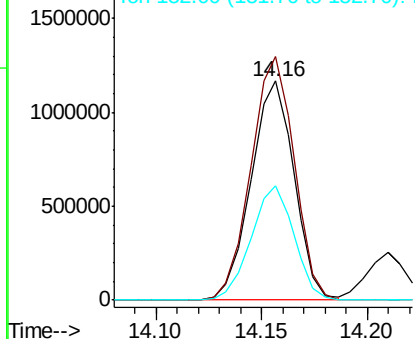


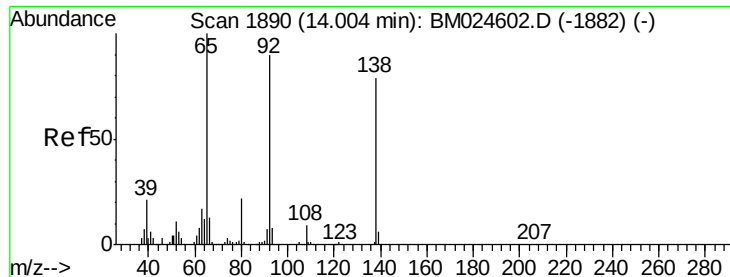
#52  
Acenaphthene  
Concen: 35.248 ng  
RT: 14.16 min Scan# 1916  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.3 | 89.1  | 133.7 |
| 152     | 52.4  | 41.9  | 62.9  |



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: 18.920 ng

RT: 14.00 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampled :

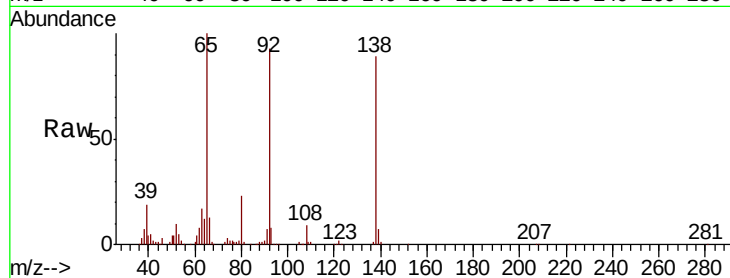
Tot Ion:138 Resp: 279318

Ion Ratio Lower Upper

138 100

108 9.9 8.7 13.1

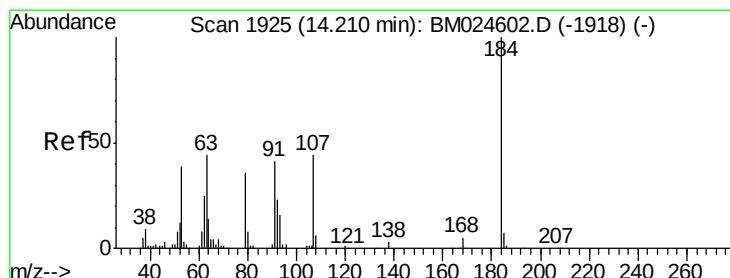
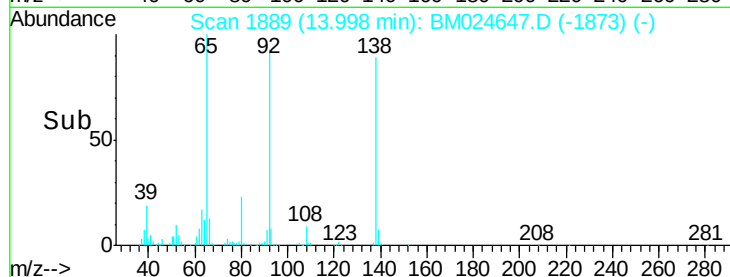
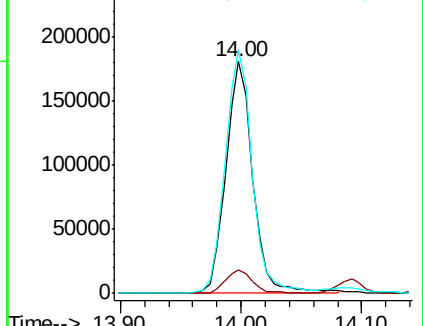
92 105.0 91.0 136.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 67.540 ng

RT: 14.21 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

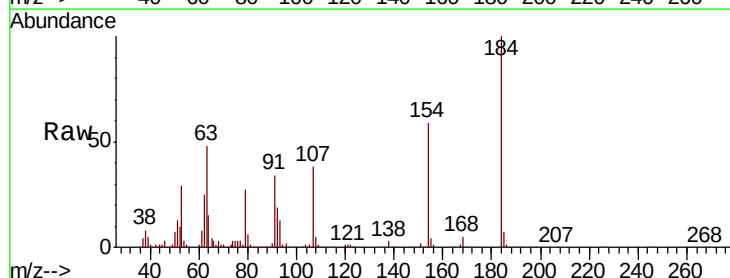
Tgt Ion:184 Resp: 574889

Ion Ratio Lower Upper

184 100

63 48.0 51.8 77.8#

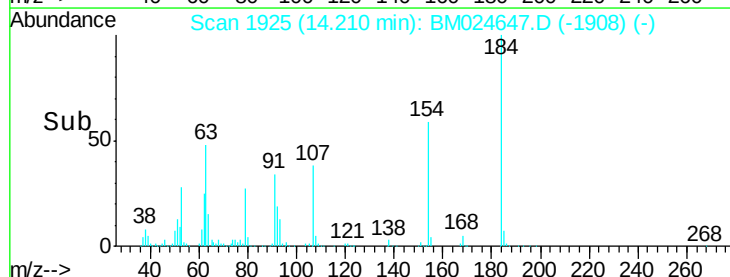
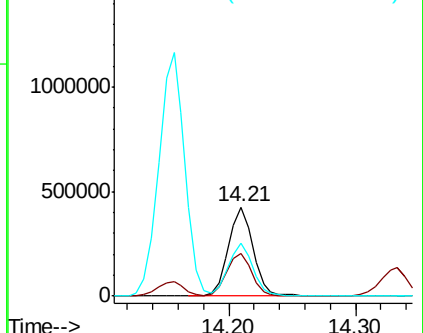
154 59.1 50.2 75.4

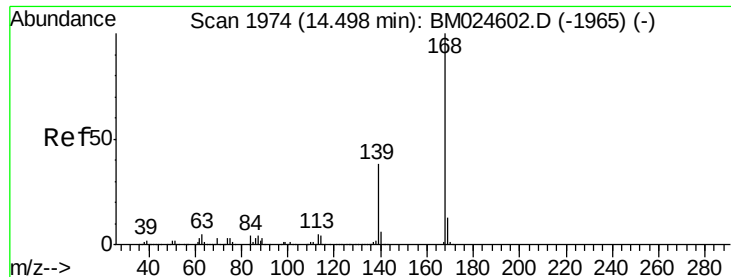


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

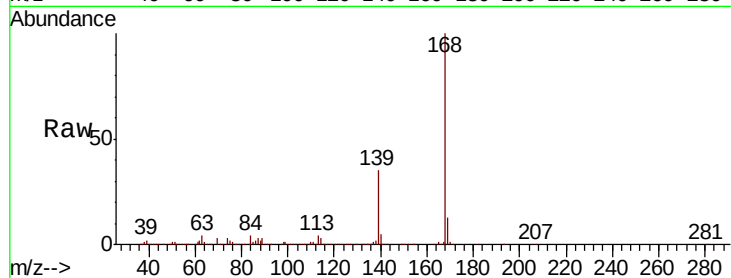




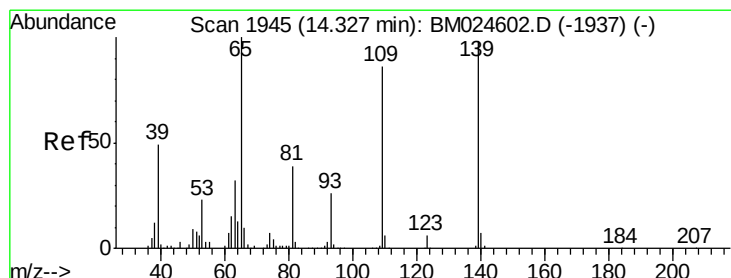
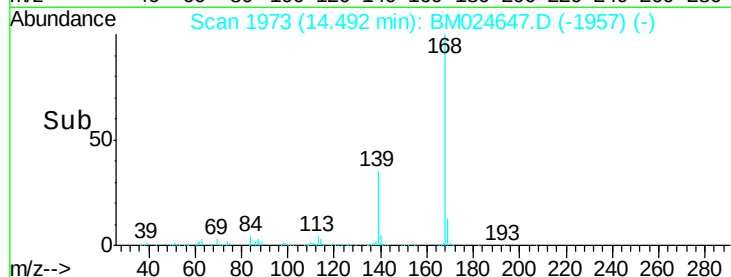
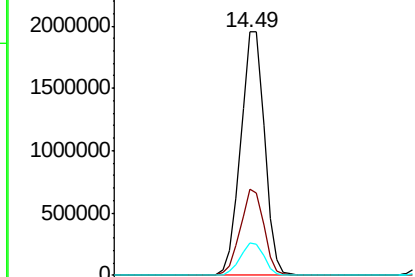
#55  
Dibenzofuran  
Concen: 36.671 ng  
RT: 14.49 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:168 Resp: 2810201  
Ion Ratio Lower Upper  
168 100  
139 35.3 30.2 45.4  
169 13.4 10.7 16.1

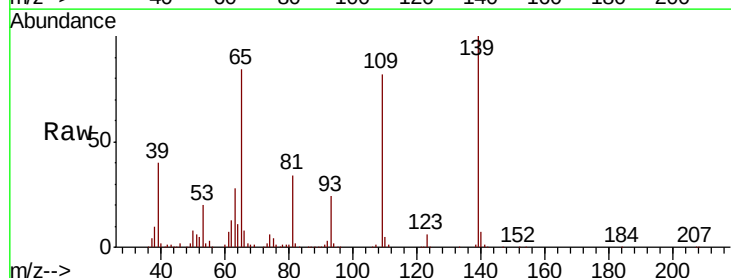


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

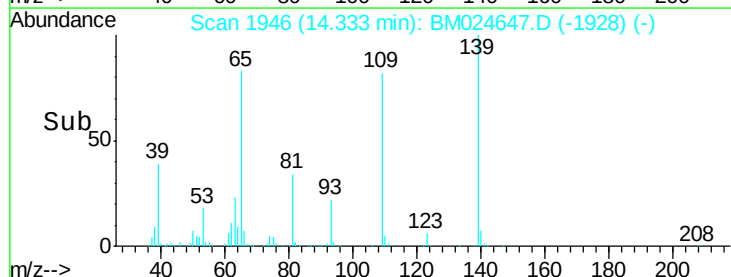
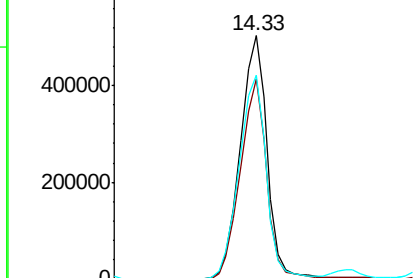


#56  
4-Nitrophenol  
Concen: 64.123 ng  
RT: 14.33 min Scan# 1946  
Delta R.T. 0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

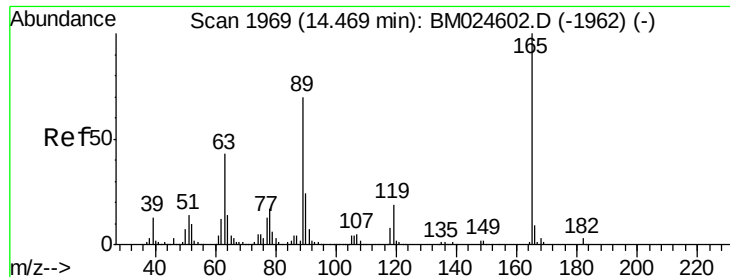
Tgt Ion:139 Resp: 739990  
Ion Ratio Lower Upper  
139 100  
109 82.0 67.4 107.4  
65 83.9 82.1 122.1



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



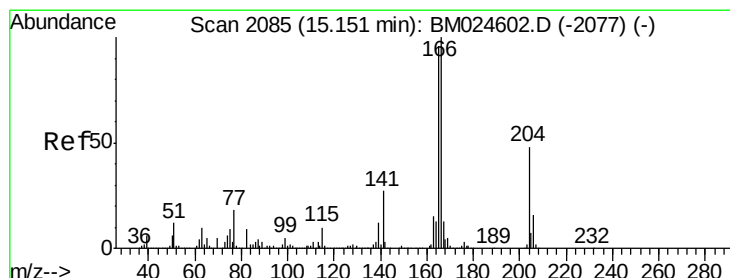
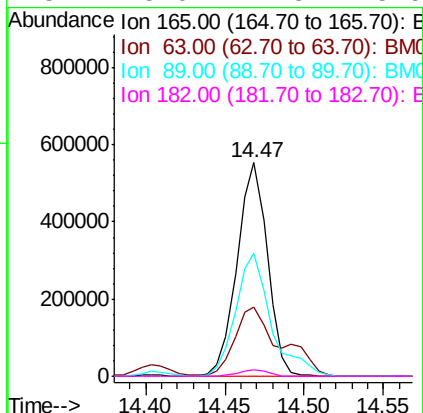
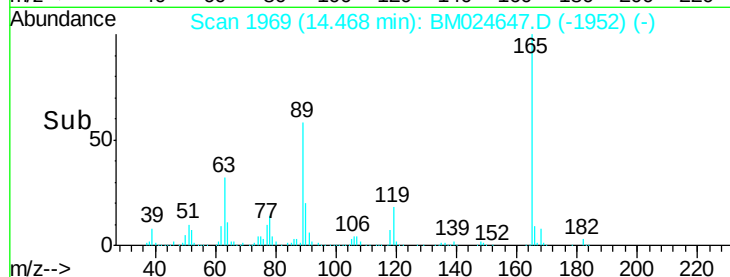
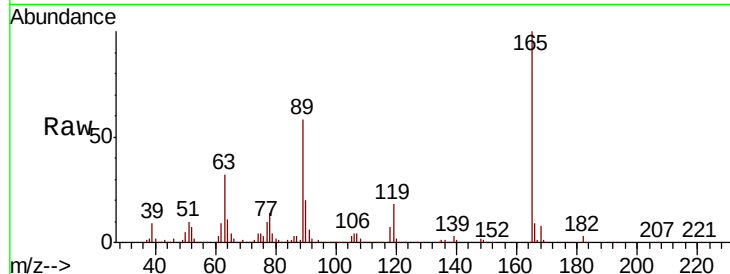




#57  
 2,4-Dinitrotoluene  
 Concen: 35.941 ng  
 RT: 14.47 min Scan# 1969  
 Delta R.T. -0.00 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

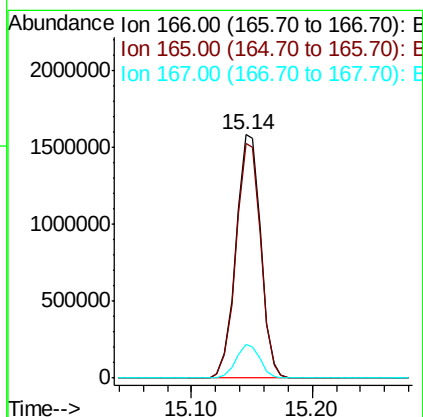
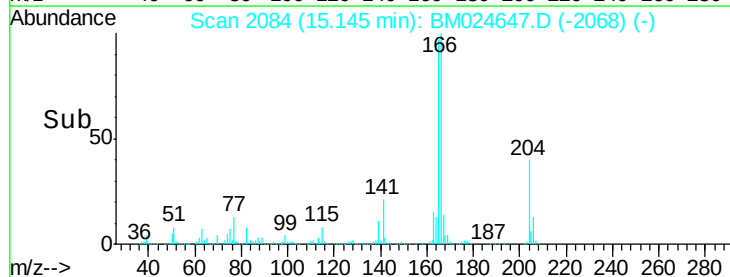
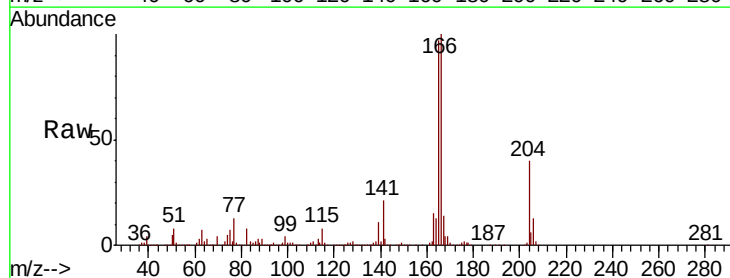
Instrument :  
 BNA\_M  
 ClientSampleId :

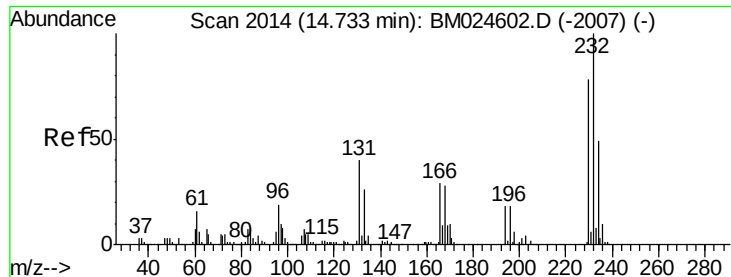
|             |       |            |
|-------------|-------|------------|
| Tot Ion:165 | Resp: | 733188     |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 32.4  | 34.5 51.7# |
| 89          | 57.6  | 55.8 83.8  |
| 182         | 3.0   | 2.3 3.5    |



#58  
 Fluorene  
 Concen: 35.144 ng  
 RT: 15.14 min Scan# 2084  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 2263263    |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 96.6  | 76.6 114.8 |
| 167         | 13.9  | 10.8 16.2  |

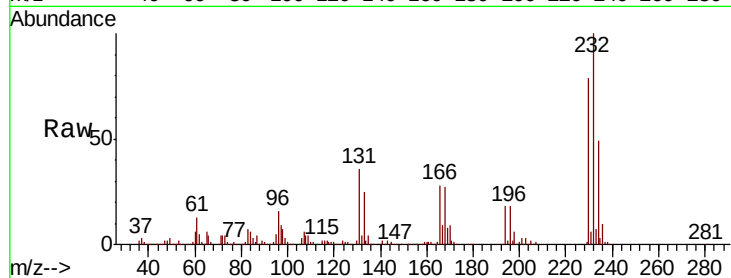




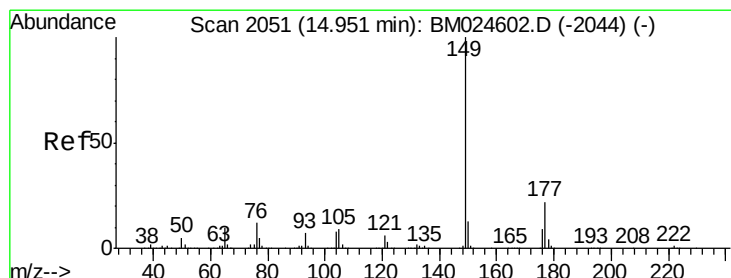
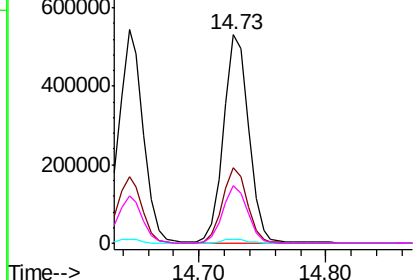
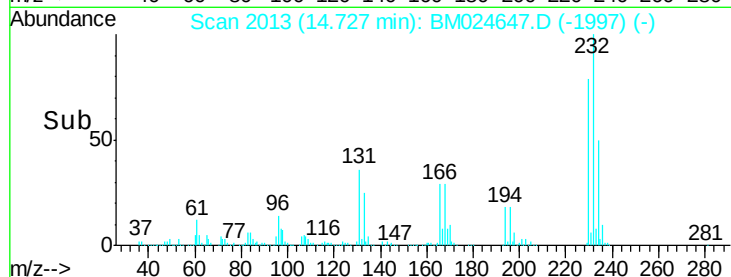
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.339 ng  
 RT: 14.73 min Scan# 2013  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Instrument :  
 BNA\_M  
 ClientSampleId :

|             |       |        |
|-------------|-------|--------|
| Tot Ion:232 | Resp: | 727173 |
| Ion Ratio   | Lower | Upper  |
| 232 100     |       |        |
| 131 35.6    | 32.2  | 48.4   |
| 130 2.0     | 1.9   | 2.9    |
| 166 27.1    | 23.4  | 35.0   |

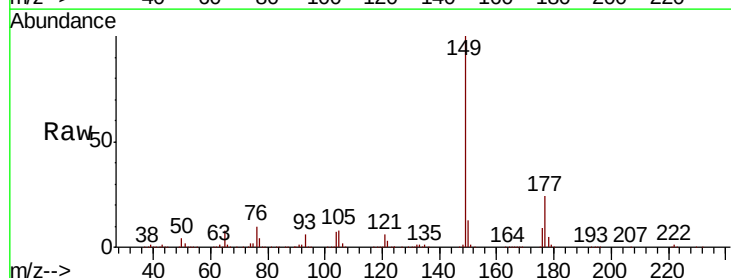


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

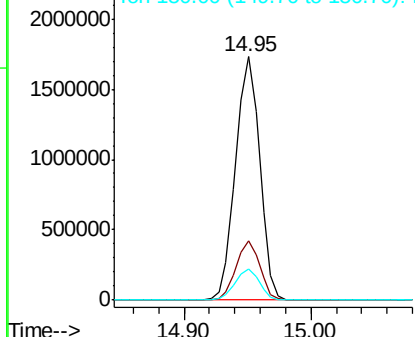
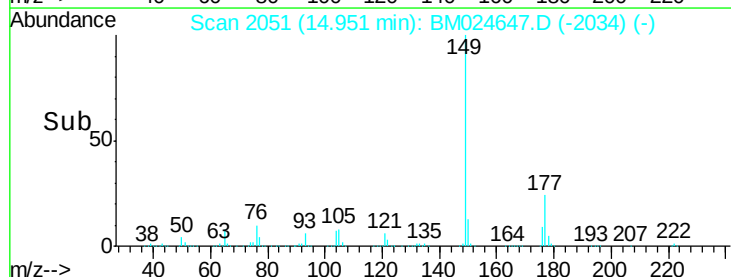


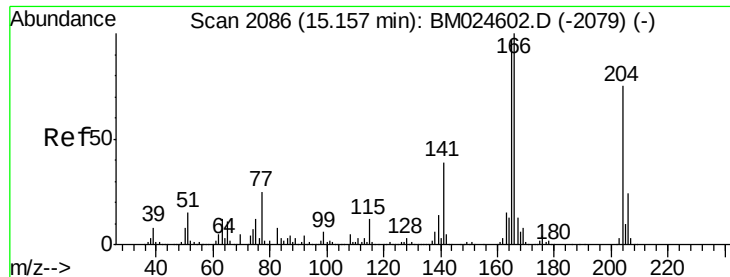
#60  
 Diethylphthalate  
 Concen: 33.595 ng  
 RT: 14.95 min Scan# 2051  
 Delta R.T. -0.00 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

|             |       |               |       |
|-------------|-------|---------------|-------|
| Tgt Ion:149 | Ratio | Resp: 2283417 |       |
| 149         | 100   | Lower         | Upper |
| 177         | 24.2  | 18.0          | 27.0  |
| 150         | 12.7  | 10.2          | 15.4  |



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

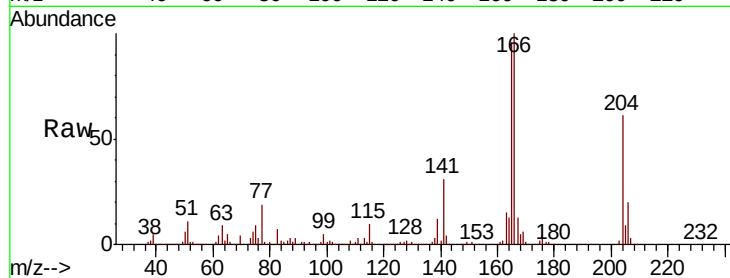




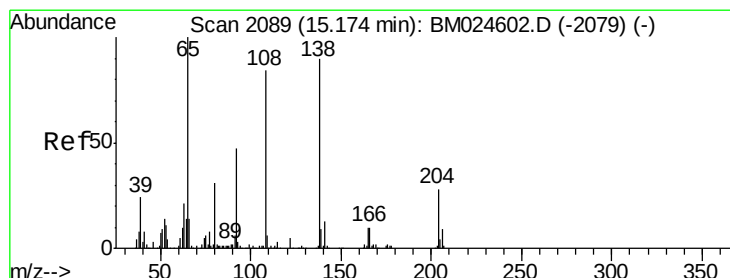
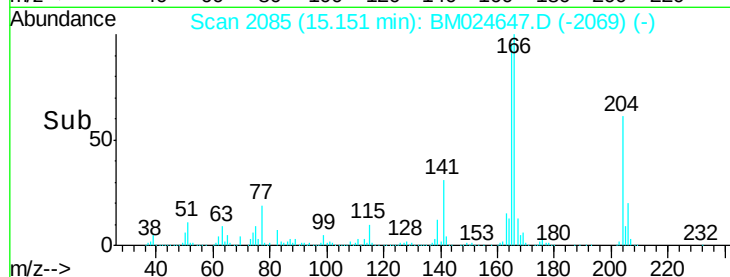
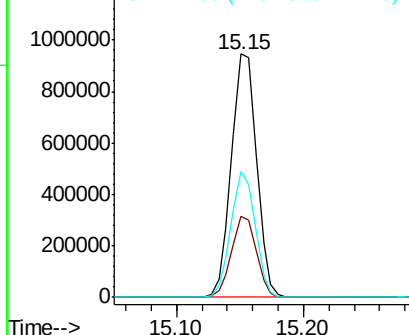
#61  
 4-Chlorophenyl-phenylether  
 Concen: 35.111 ng  
 RT: 15.15 min Scan# 2085  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:204 Resp: 1303632  
 Ion Ratio Lower Upper  
 204 100  
 206 33.2 26.2 39.2  
 141 51.5 42.2 63.2

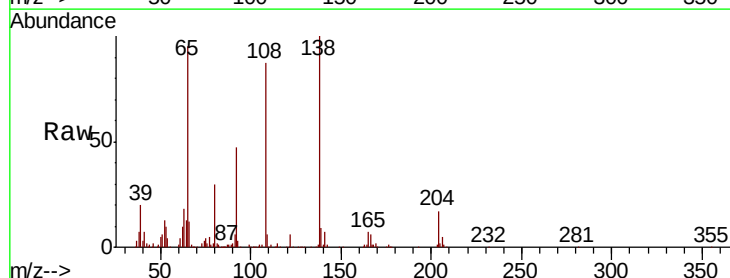


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

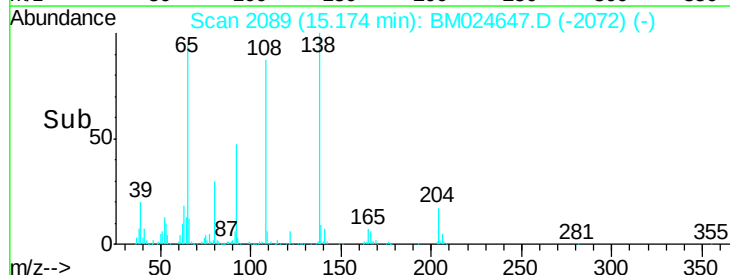
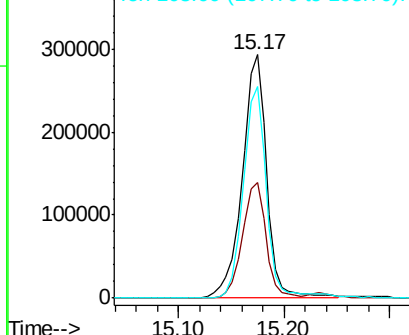


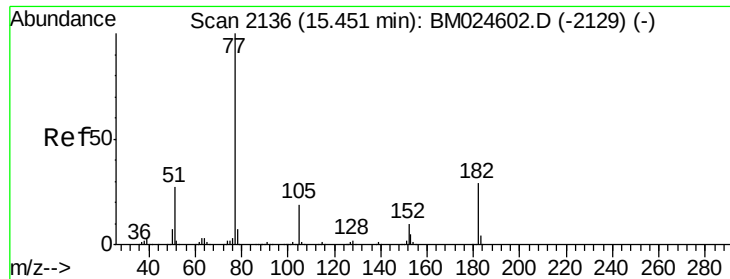
#62  
 4-Nitroaniline  
 Concen: 28.900 ng  
 RT: 15.17 min Scan# 2089  
 Delta R.T. -0.00 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Tgt Ion:138 Resp: 470950  
 Ion Ratio Lower Upper  
 138 100  
 92 47.4 32.4 72.4  
 108 86.7 73.3 113.3



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 30.517 ng

RT: 15.44 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 77 Resp: 1769307

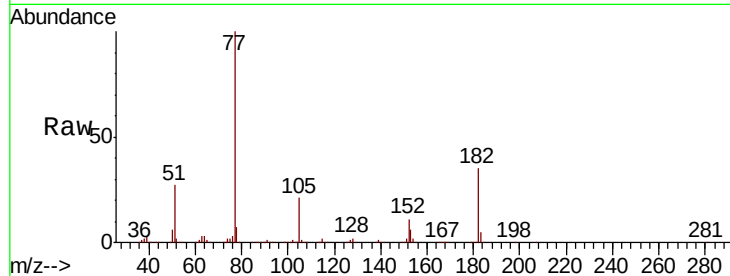
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 34.8  | 8.7   | 48.7  |
| 105 | 20.8  | 0.0   | 39.2  |
| 51  | 26.7  | 7.5   | 47.5  |

77 100

182 34.8 8.7 48.7

105 20.8 0.0 39.2

51 26.7 7.5 47.5



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

2000000

1500000

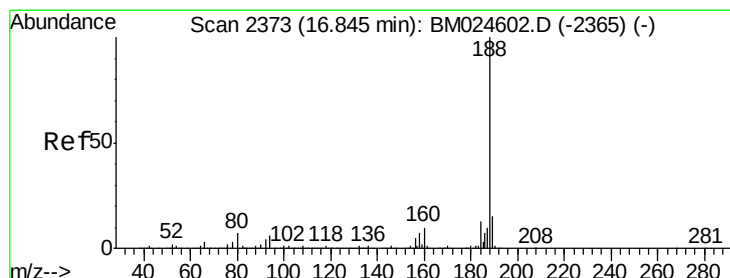
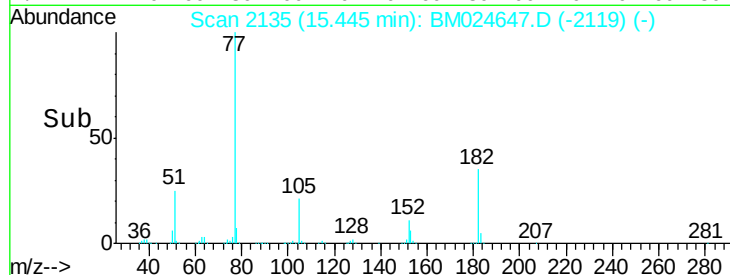
1000000

500000

0

15.44

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.84 min Scan# 2372

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

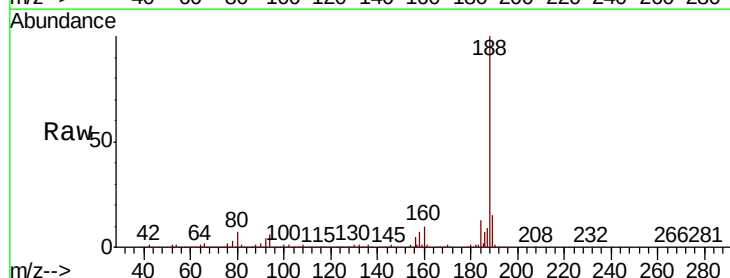
Tgt Ion: 188 Resp: 1863431

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 6.0   | 5.0   | 7.6   |
| 80  | 6.8   | 5.8   | 8.8   |

188 100

94 6.0 5.0 7.6

80 6.8 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

1500000

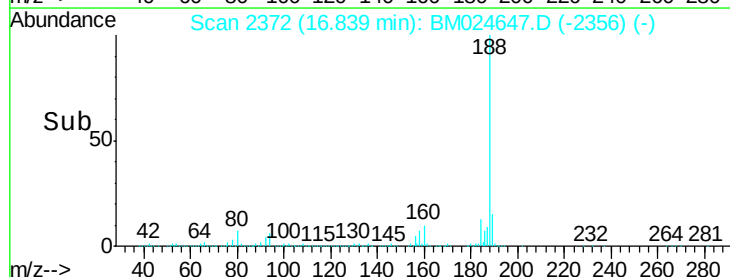
1000000

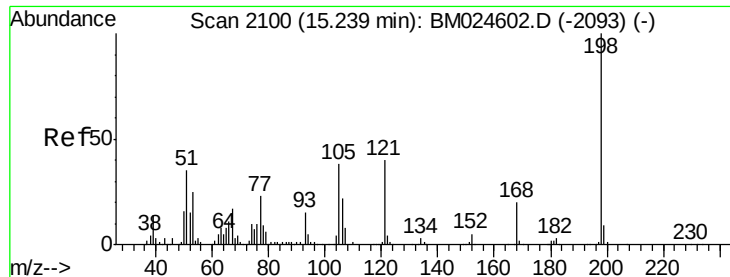
500000

0

16.84

Time-->

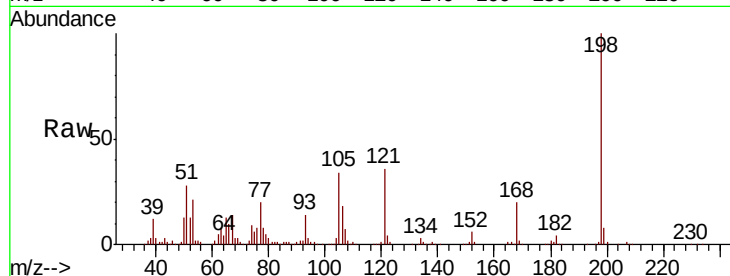




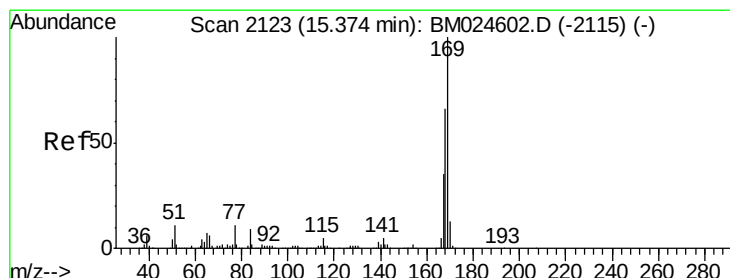
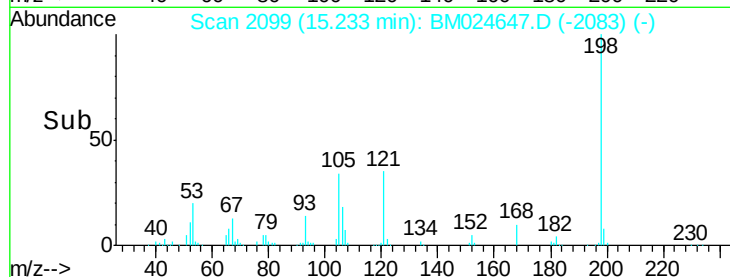
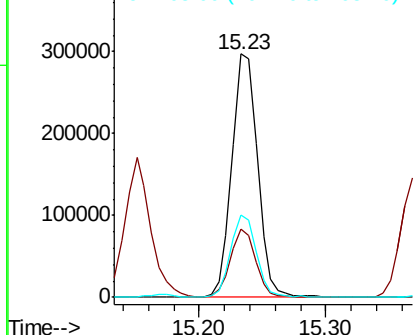
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.127 ng  
 RT: 15.23 min Scan# 2099  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:198 Resp: 417742  
 Ion Ratio Lower Upper  
 198 100  
 51 28.3 15.8 55.8  
 105 34.0 18.5 58.5

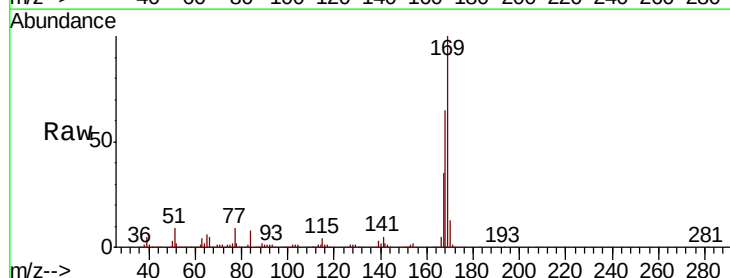


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BM  
 Ion 105.00 (104.70 to 105.70): E

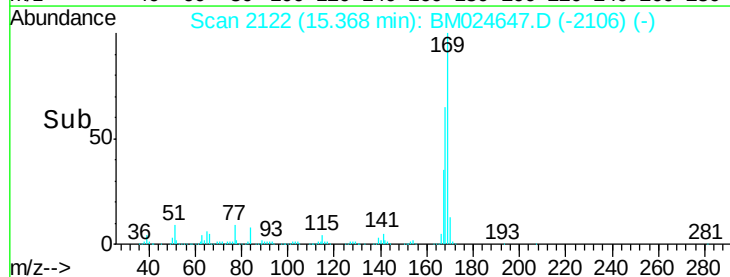
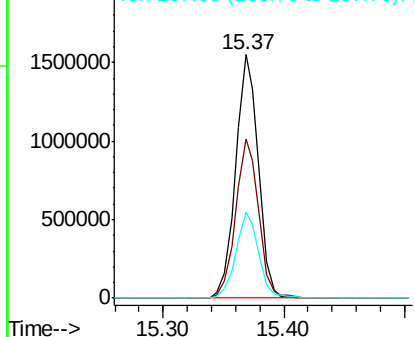


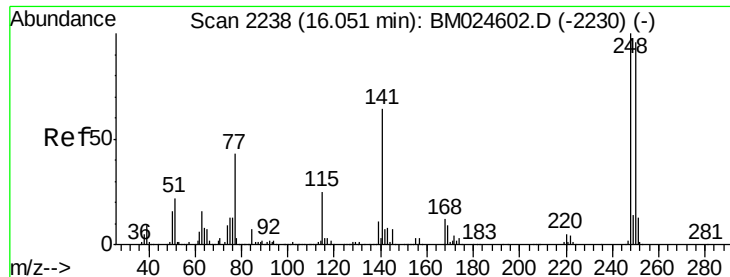
#66  
 n-Nitrosodiphenylamine  
 Concen: 37.712 ng  
 RT: 15.37 min Scan# 2122  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Tgt Ion:169 Resp: 2018593  
 Ion Ratio Lower Upper  
 169 100  
 168 65.2 52.8 79.2  
 167 35.3 28.2 42.2



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

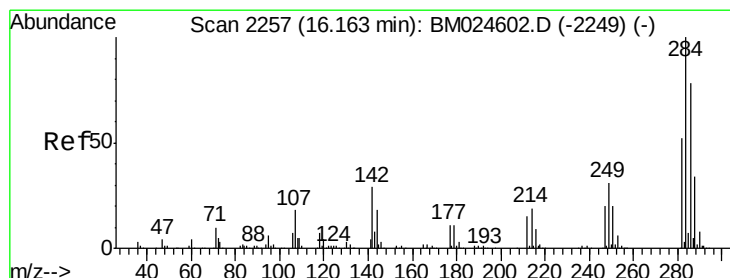
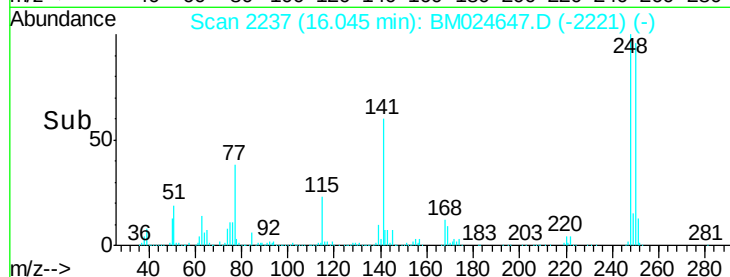
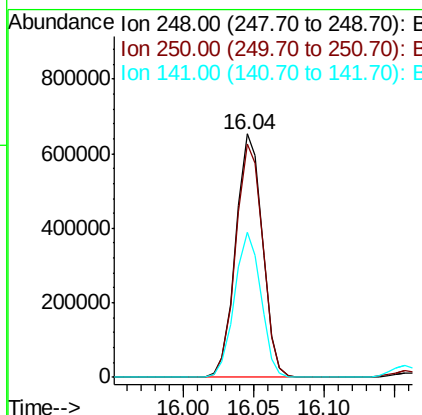
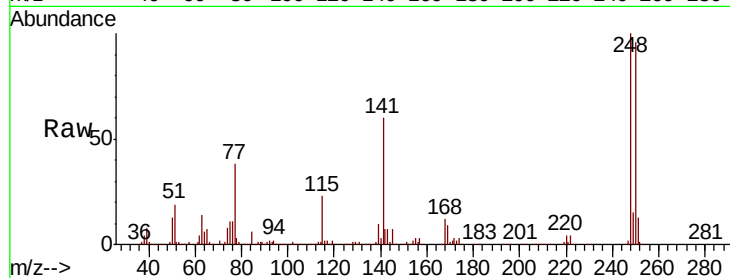




#67  
4-Bromophenyl-phenylether  
Concen: 37.237 ng  
RT: 16.04 min Scan# 2237  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

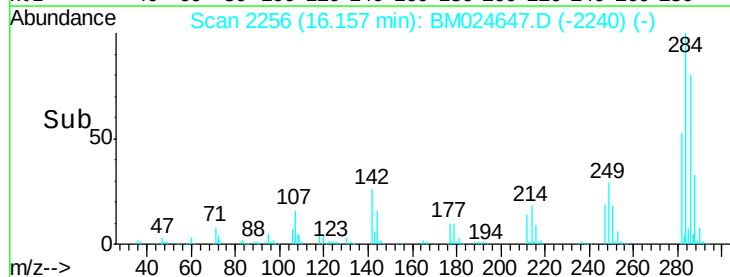
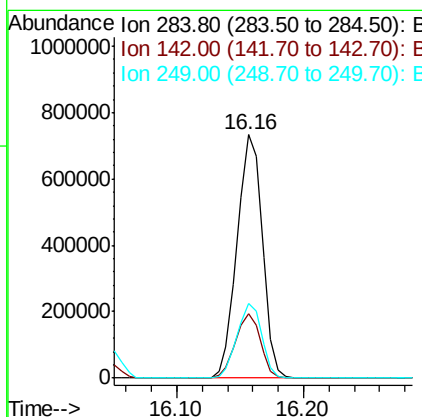
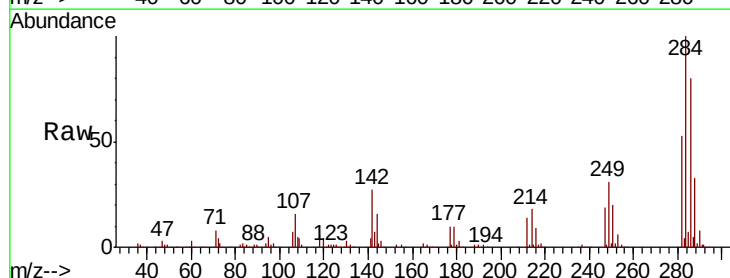
Instrument :  
BNA\_M  
ClientSampled :

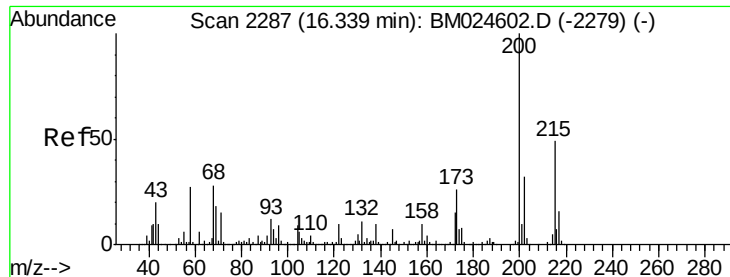
Tot Ion:248 Resp: 862895  
Ion Ratio Lower Upper  
248 100  
250 96.0 77.0 115.6  
141 59.6 50.9 76.3



#68  
Hexachlorobenzene  
Concen: 37.942 ng  
RT: 16.16 min Scan# 2256  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Tgt Ion:284 Resp: 1008978  
Ion Ratio Lower Upper  
284 100  
142 26.7 23.5 35.3  
249 30.8 24.6 36.8





#69

Atrazine

Concen: 38.881 ng

RT: 16.34 min Scan# 2287

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampled :

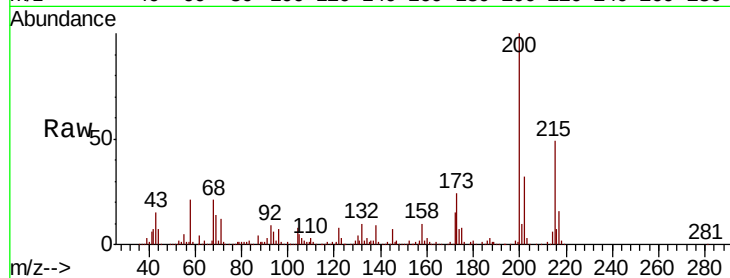
Tot Ion:200 Resp: 798867

Ion Ratio Lower Upper

200 100

173 24.3 5.5 45.5

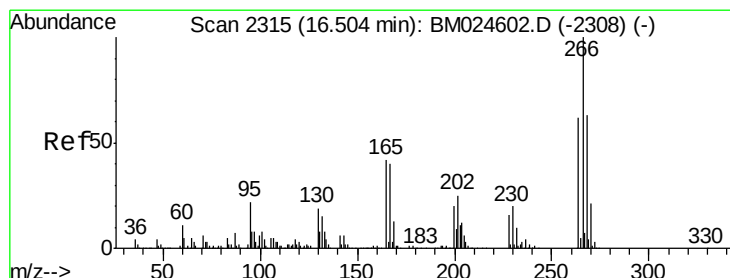
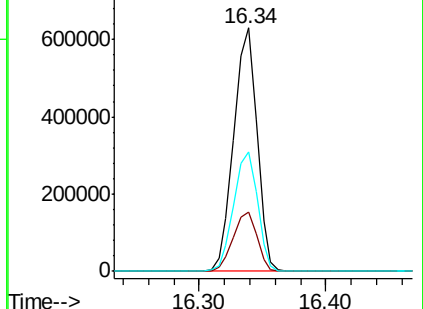
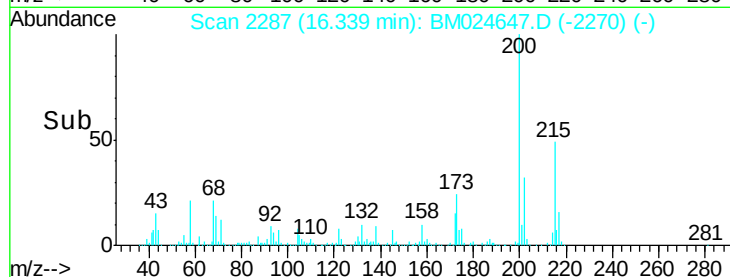
215 48.9 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 76.771 ng

RT: 16.50 min Scan# 2315

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

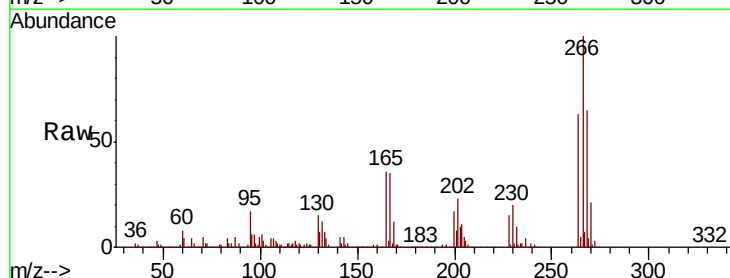
Tgt Ion:266 Resp: 1243541

Ion Ratio Lower Upper

266 100

268 64.6 50.4 75.6

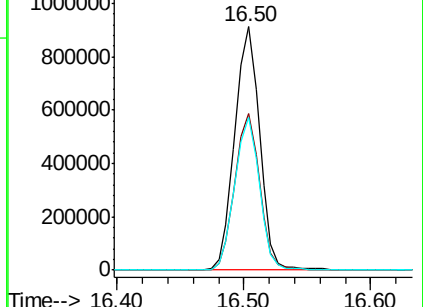
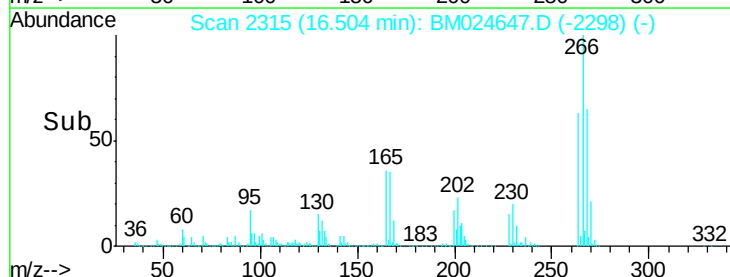
264 62.6 49.9 74.9

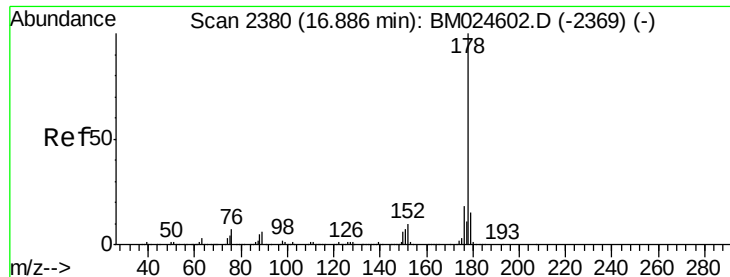


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

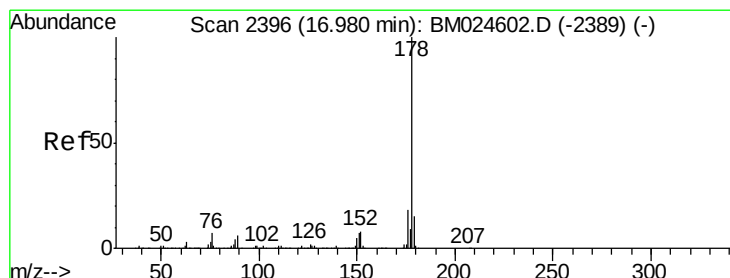
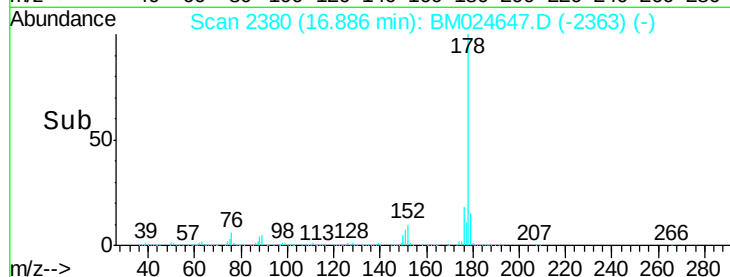
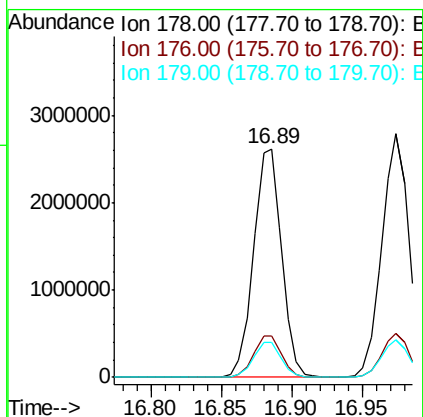
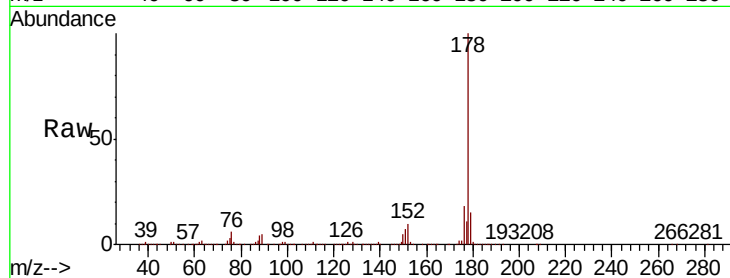




#71  
Phenanthrene  
Concen: 36.252 ng  
RT: 16.89 min Scan# 2380  
Delta R.T. -0.00 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

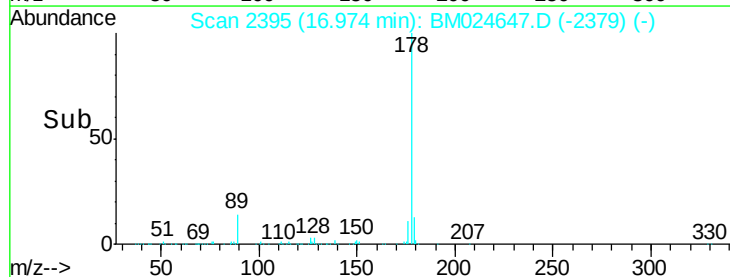
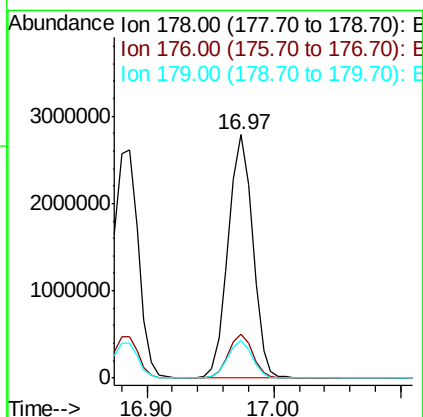
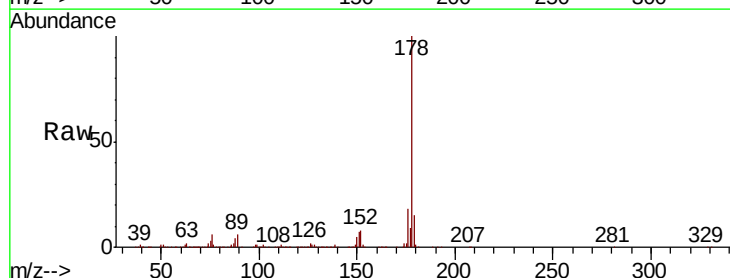
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:178 Resp: 3658126  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.5 21.7  
179 15.1 11.9 17.9

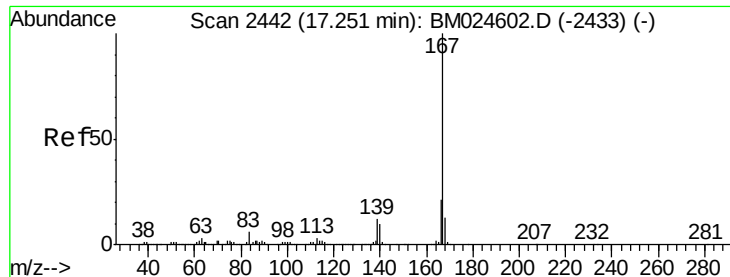


#72  
Anthracene  
Concen: 37.776 ng  
RT: 16.97 min Scan# 2395  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Tgt Ion:178 Resp: 3729835  
Ion Ratio Lower Upper  
178 100  
176 17.9 14.3 21.5  
179 15.2 12.1 18.1





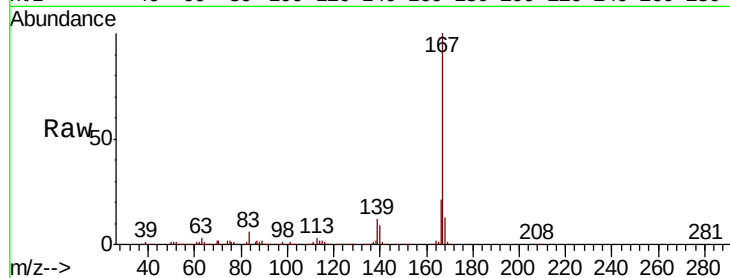


#73  
 Carbazole  
 Concen: 35.802 ng  
 RT: 17.24 min Scan# 2441  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

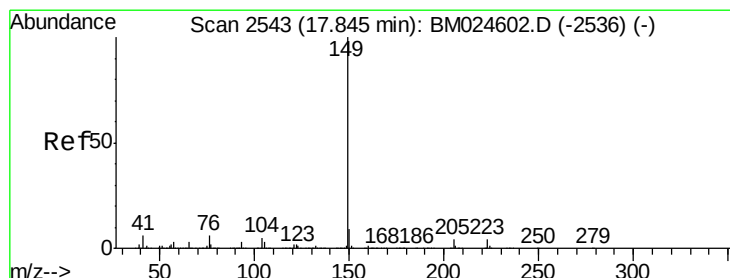
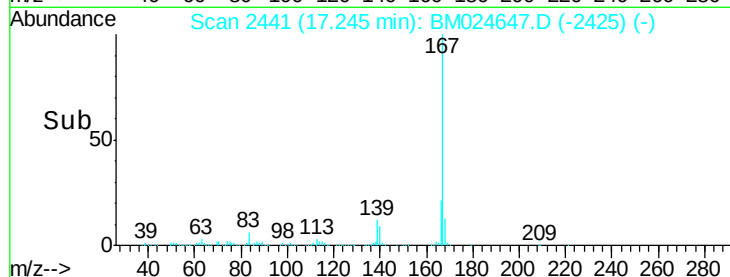
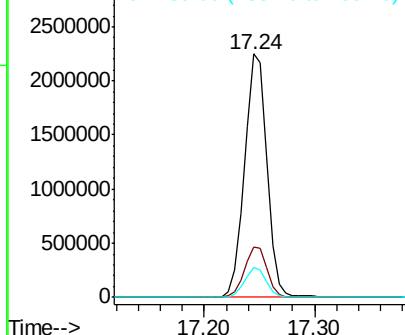
Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:167 Resp: 3218027  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 20.9  | 17.1  | 25.7  |
| 139 | 12.1  | 9.8   | 14.8  |



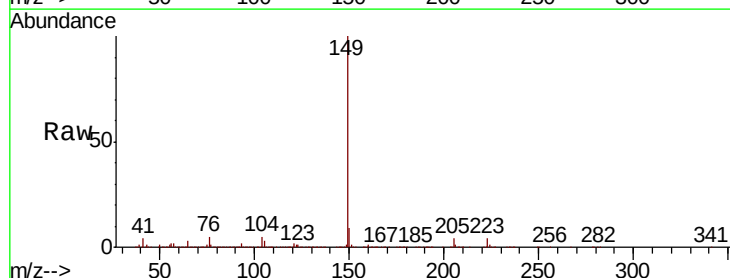
Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



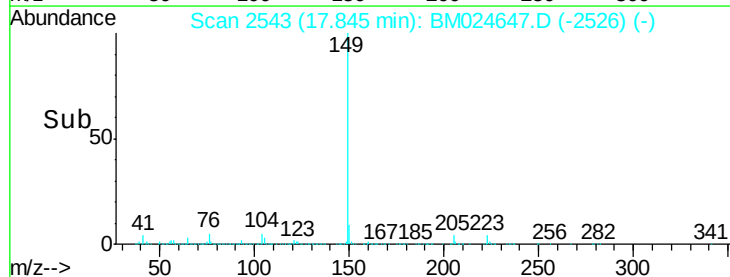
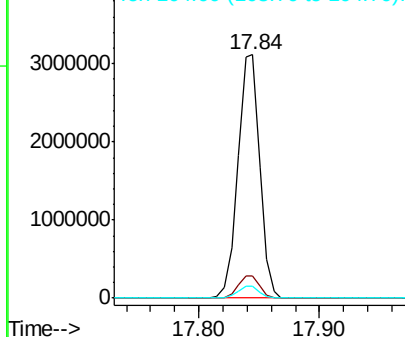
#74  
 Di-n-butylphthalate  
 Concen: 34.144 ng  
 RT: 17.84 min Scan# 2543  
 Delta R.T. -0.00 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

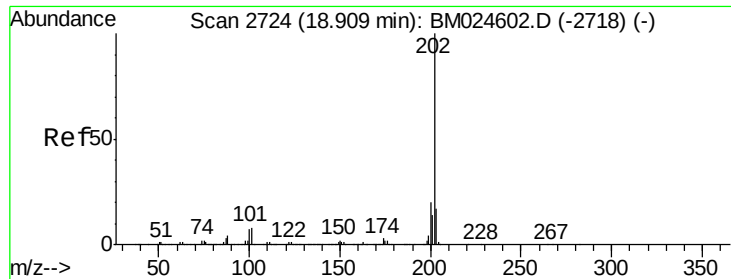
Tgt Ion:149 Resp: 3923432  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.0   | 7.4   | 11.0  |
| 104 | 4.8   | 4.3   | 6.5   |



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





#75

Fluoranthene

Concen: 35.270 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampled :

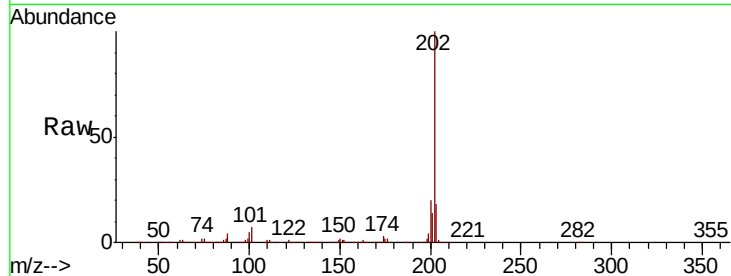
Tot Ion:202 Resp: 4442053

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.4

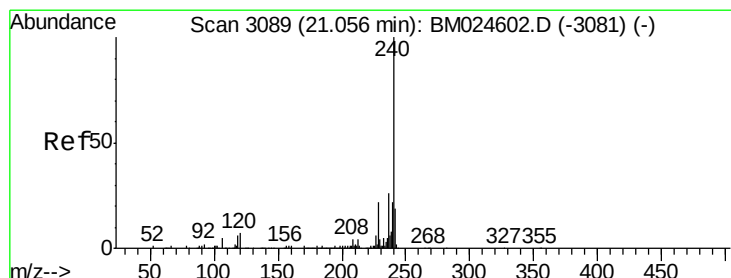
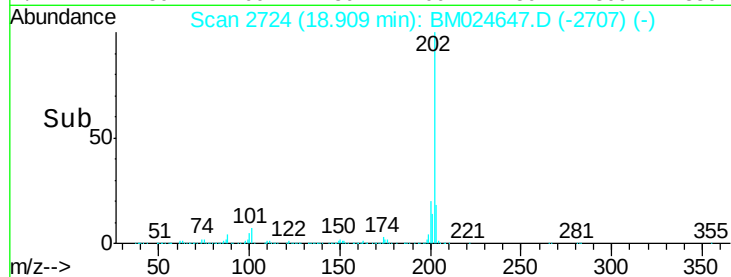
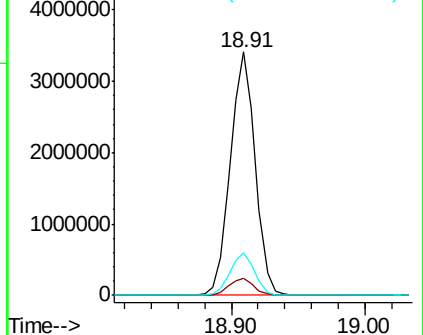
203 17.5 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.05 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

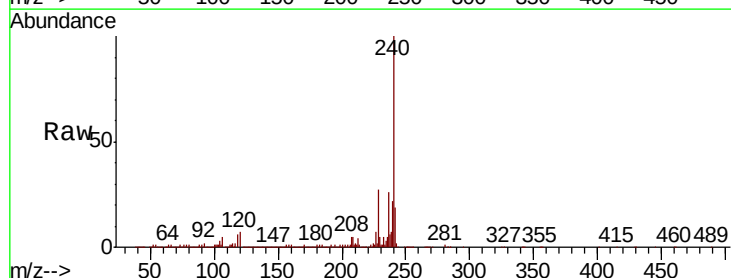
Tgt Ion:240 Resp: 1689227

Ion Ratio Lower Upper

240 100

120 6.7 5.3 7.9

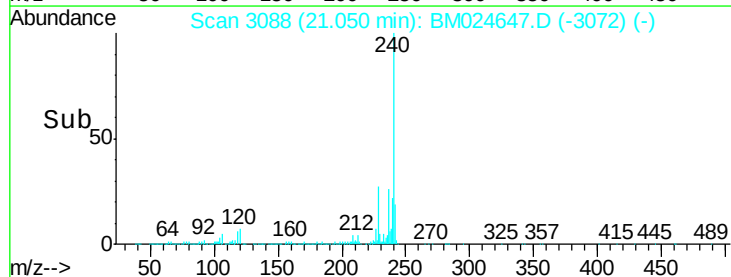
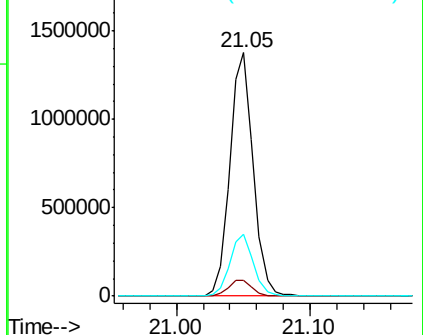
236 25.6 20.6 31.0

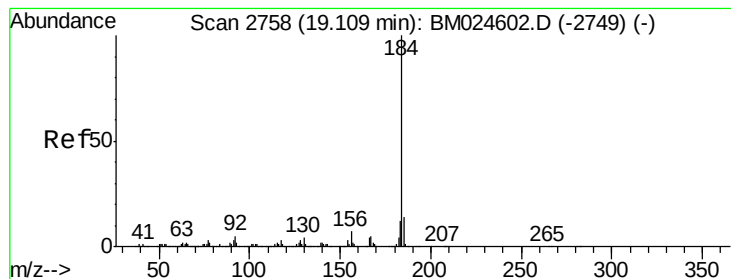


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 34.399 ng

RT: 19.10 min Scan# 2757

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

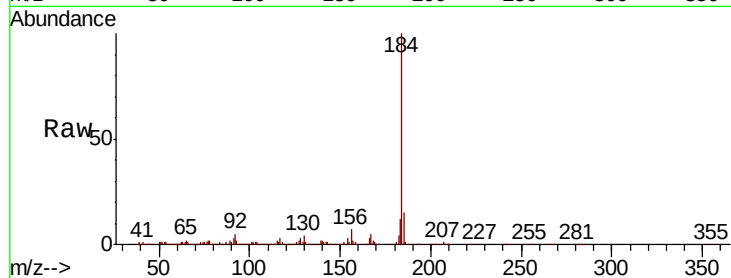
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:184 Resp: 1353269

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.6  | 11.3  | 16.9  |
| 183 | 11.9  | 9.6   | 14.4  |

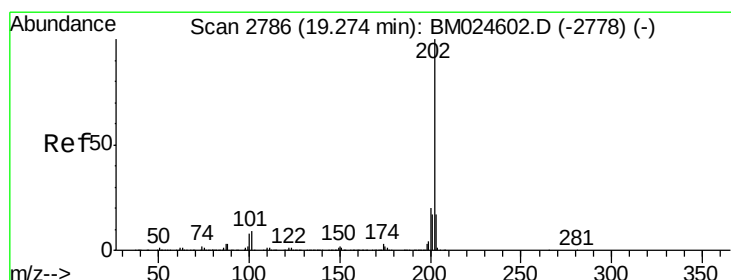
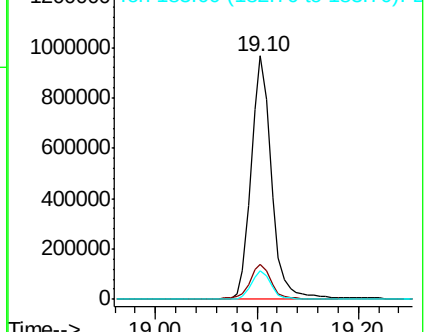
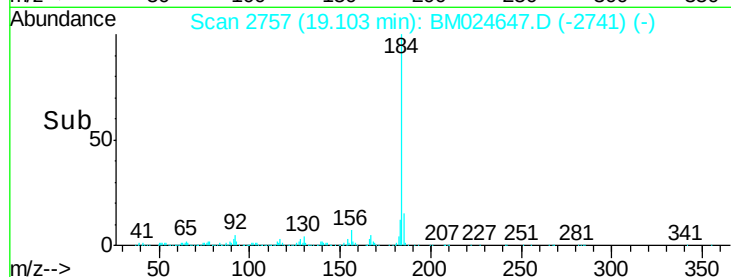


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.299 ng

RT: 19.27 min Scan# 2786

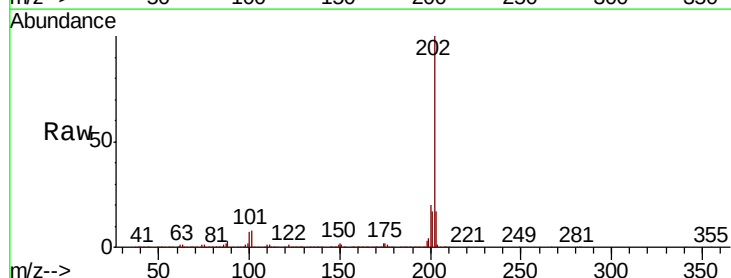
Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Tgt Ion:202 Resp: 4487658

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.1  | 16.2  | 24.2  |
| 203 | 17.2  | 14.0  | 21.0  |

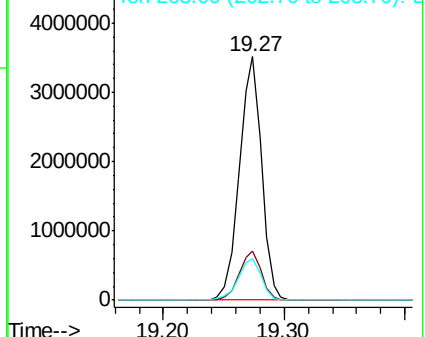
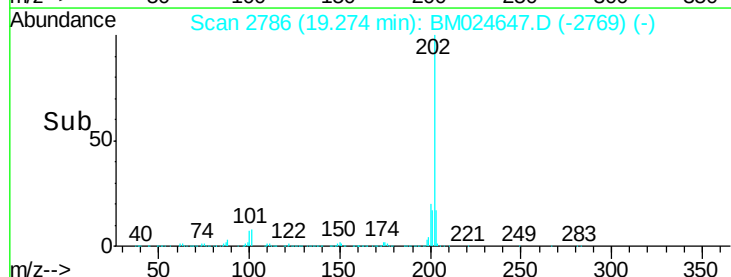


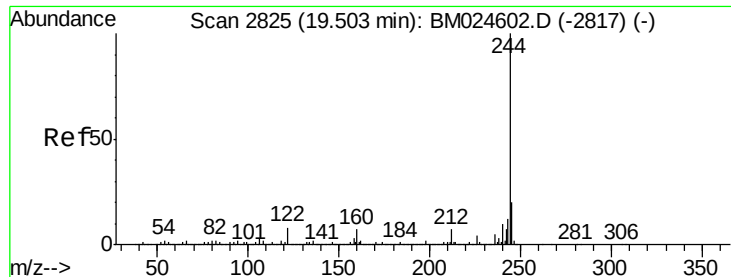
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.393 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

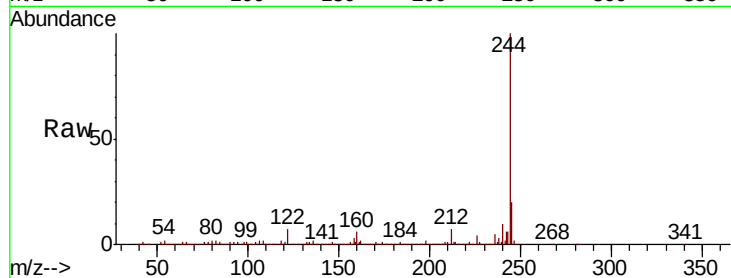
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:244 Resp: 7636165

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 6.8   | 5.4   | 8.2   |
| 122 | 7.4   | 6.2   | 9.4   |

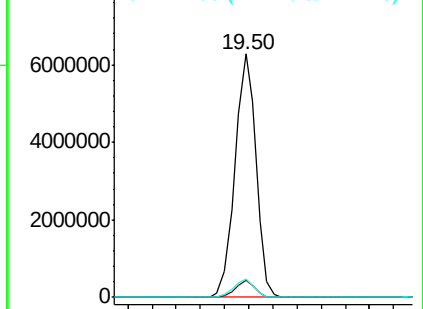


Abundance

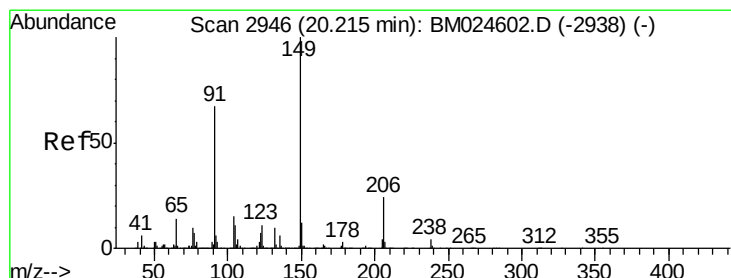
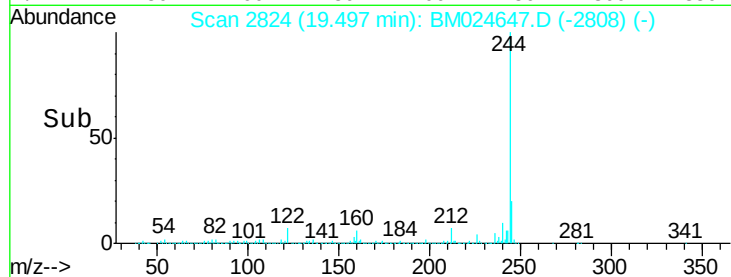
Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 36.193 ng

RT: 20.21 min Scan# 2945

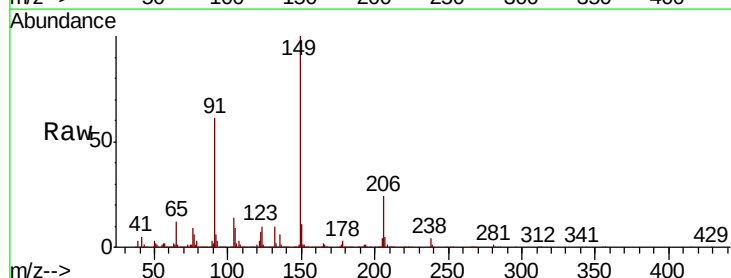
Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Tgt Ion:149 Resp: 1691225

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 60.9  | 53.9  | 80.9  |
| 206 | 23.9  | 19.0  | 28.6  |

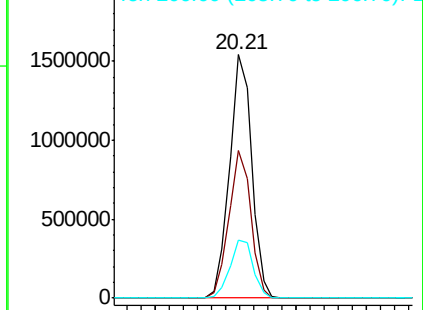


Abundance

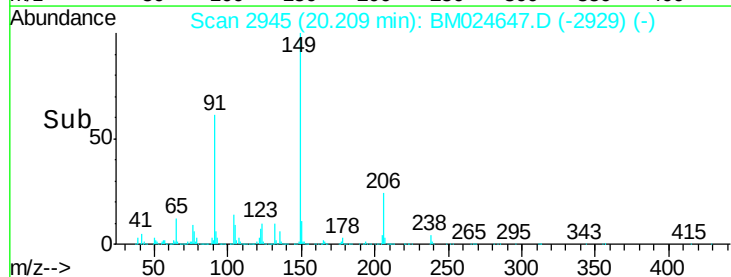
Ion 149.00 (148.70 to 149.70): E

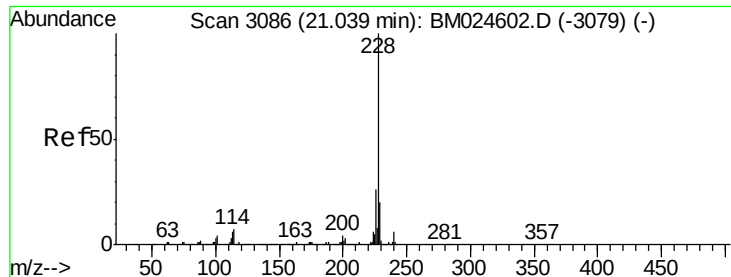
Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 36.344 ng

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

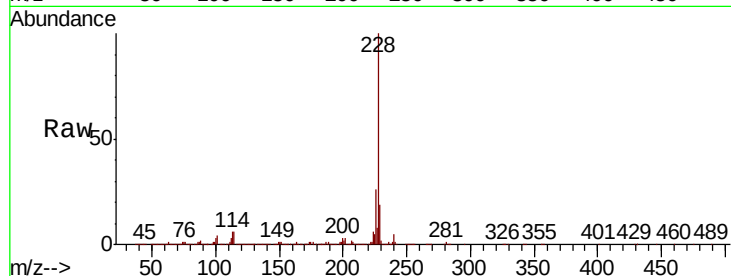
Tot Ion:228 Resp: 4261046

Ion Ratio Lower Upper

228 100

226 25.9 21.1 31.7

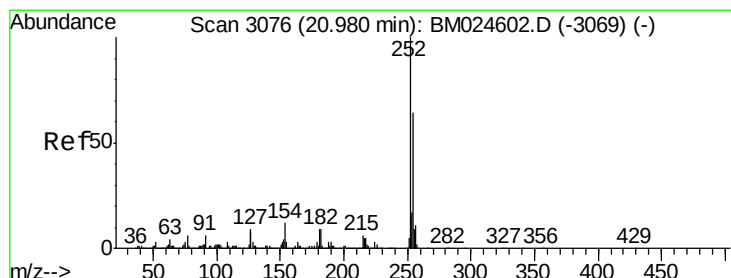
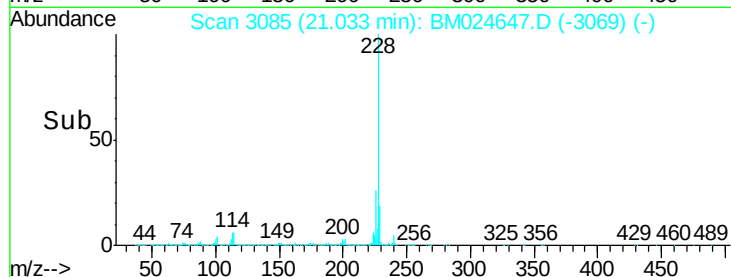
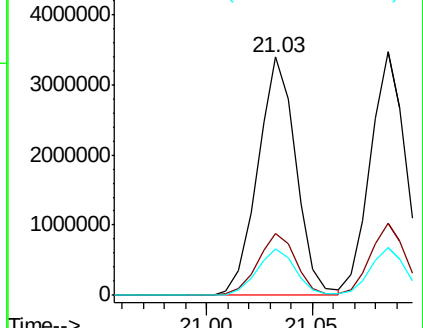
229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.915 ng

RT: 20.97 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

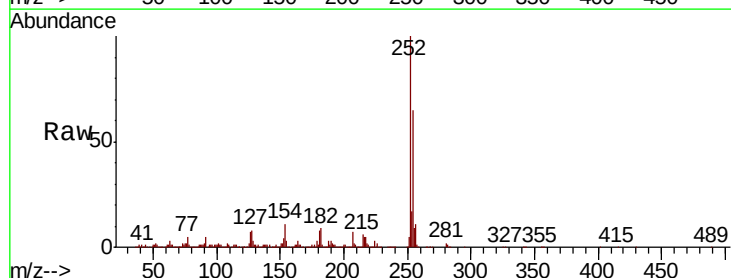
Tgt Ion:252 Resp: 966424

Ion Ratio Lower Upper

252 100

254 65.2 51.5 77.3

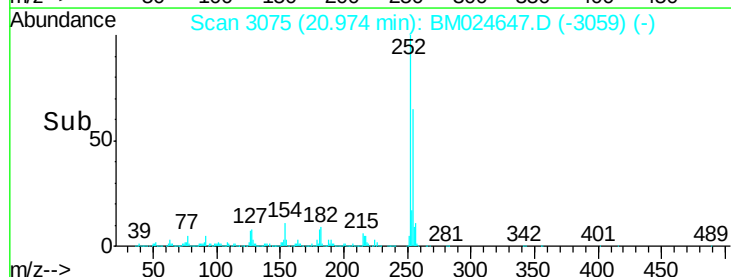
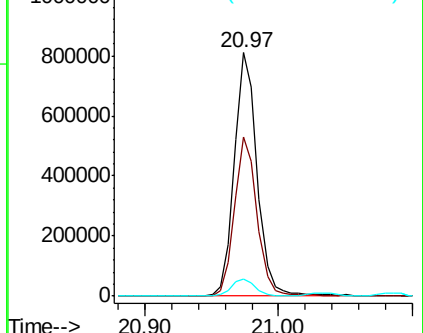
126 7.2 6.7 10.1

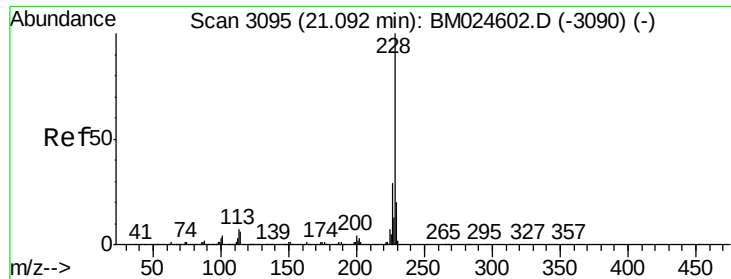


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 36.159 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

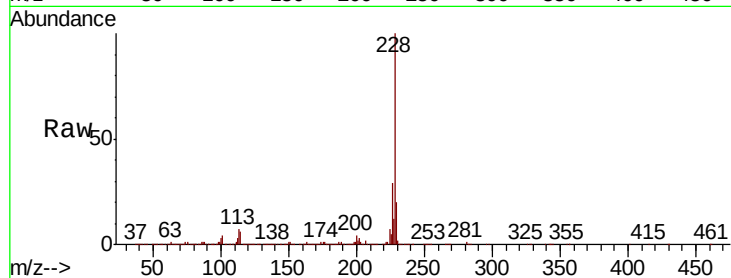
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 4045276

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.4  | 23.2  | 34.8  |
| 229 | 19.7  | 15.7  | 23.5  |

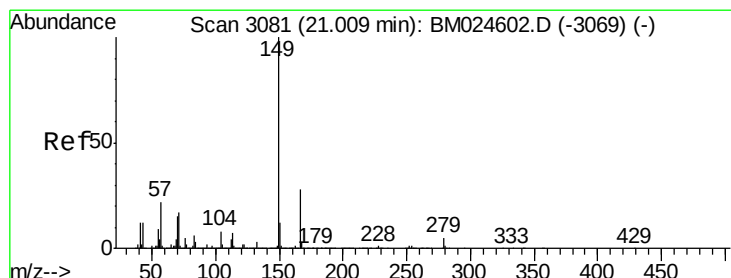
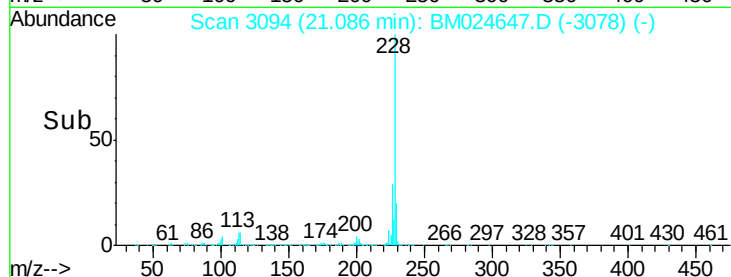
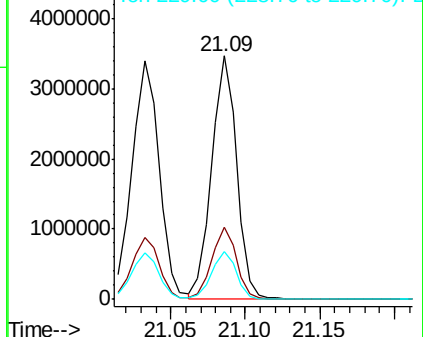


Abundance

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: 35.126 ng

RT: 21.01 min Scan# 3081

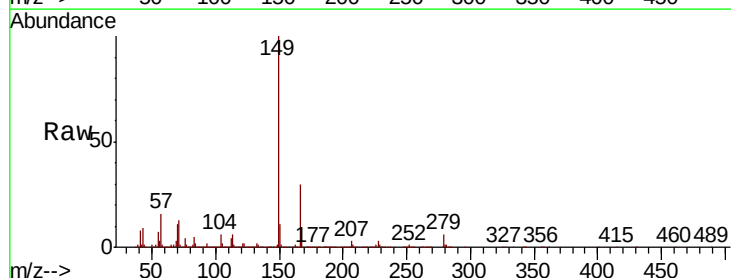
Delta R.T. -0.00 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Tgt Ion:149 Resp: 2421871

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.9  | 22.5  | 33.7  |
| 279 | 6.2   | 4.0   | 6.0   |

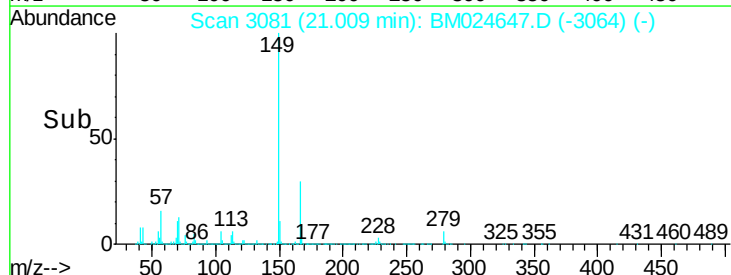
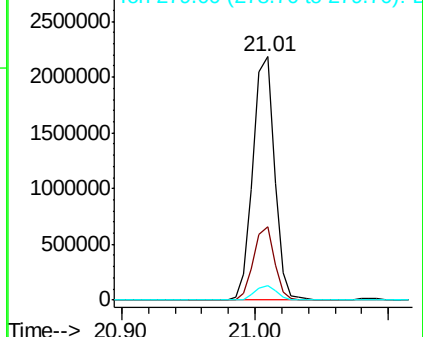


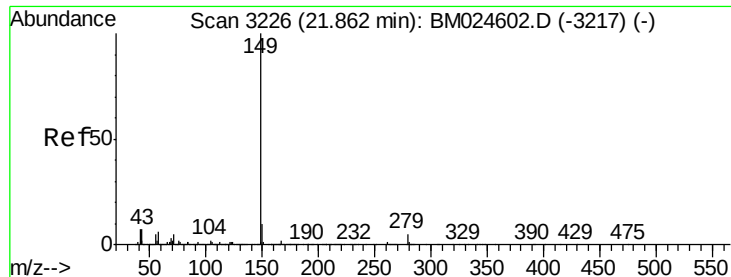
Abundance

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: 33.614 ng

RT: 21.86 min Scan# 3225

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

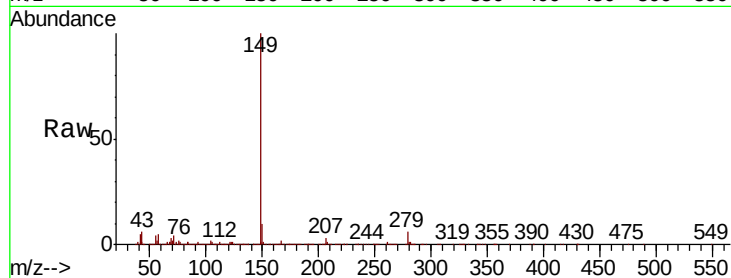
Tot Ion:149 Resp: 3829035

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

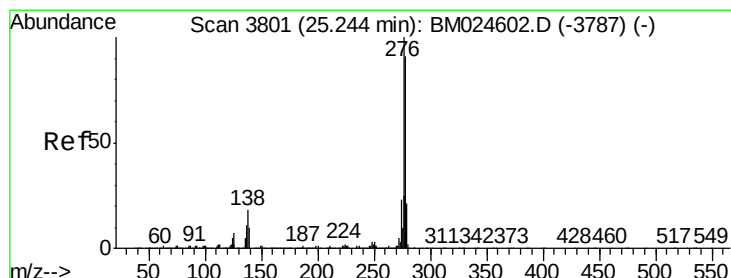
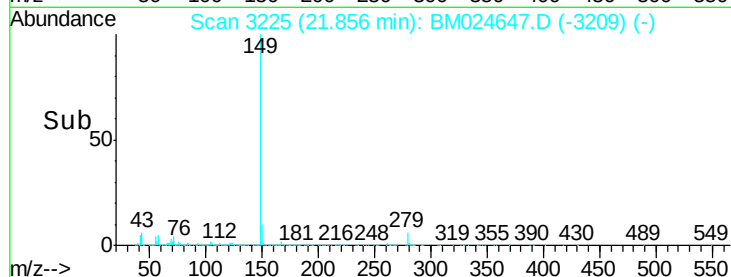
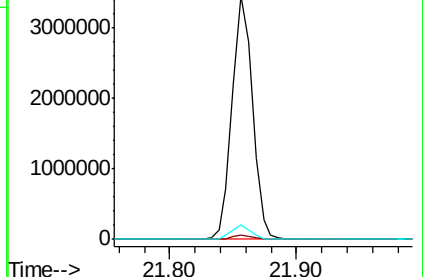
43 5.6 5.8 8.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.316 ng

RT: 25.23 min Scan# 3798

Delta R.T. -0.02 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

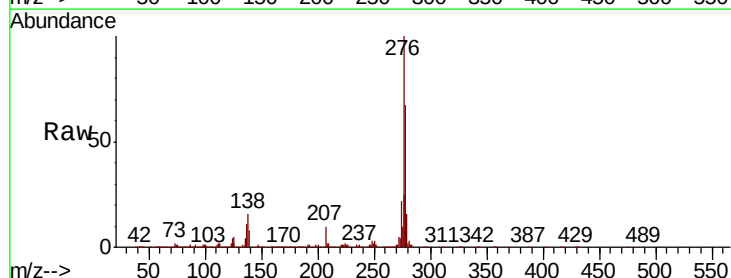
Tgt Ion:276 Resp: 3940486

Ion Ratio Lower Upper

276 100

138 16.2 13.4 20.0

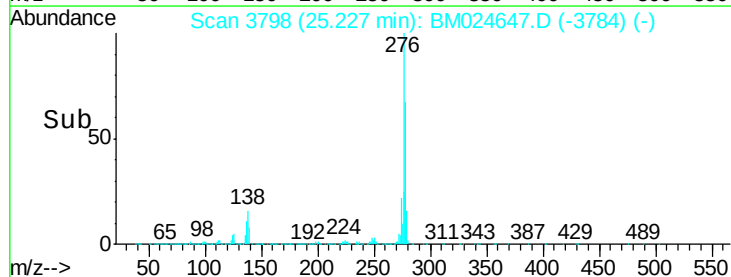
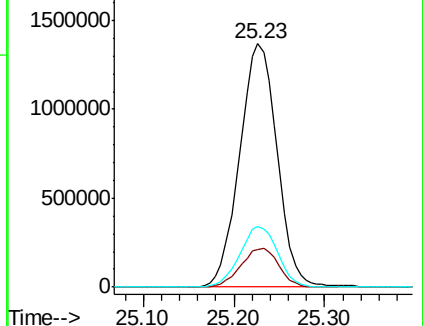
277 25.2 19.6 29.4

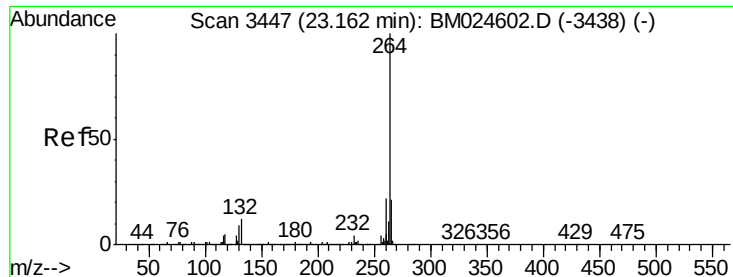


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

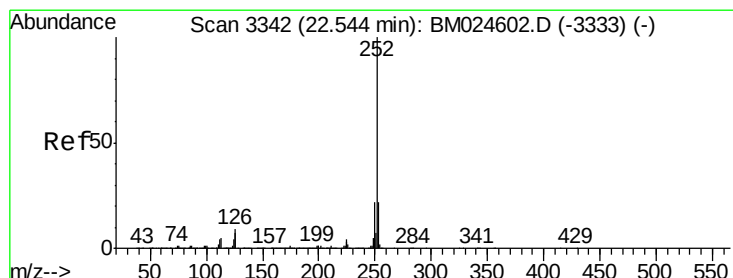
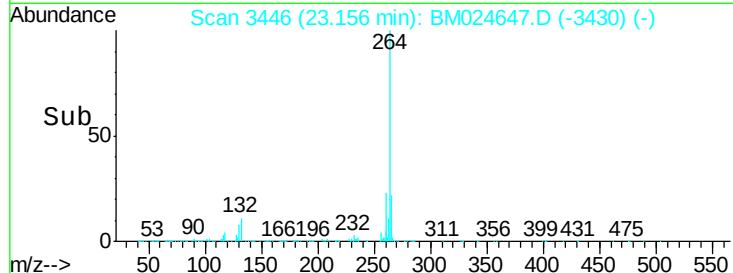
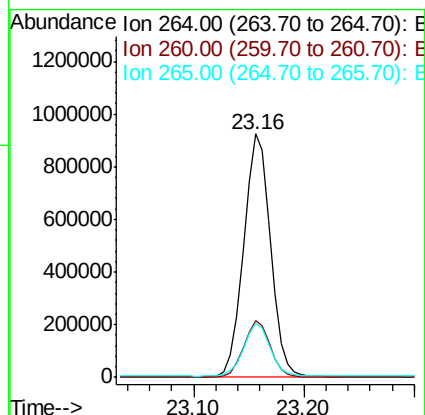
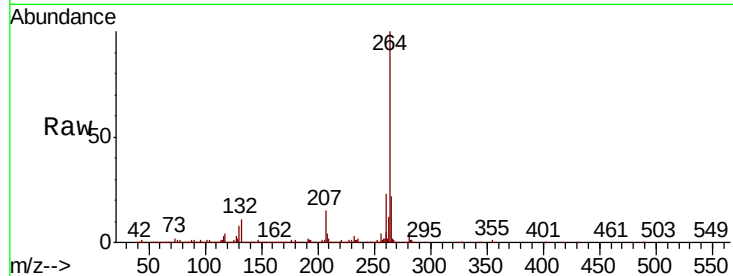




#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 23.16 min Scan# 3446  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

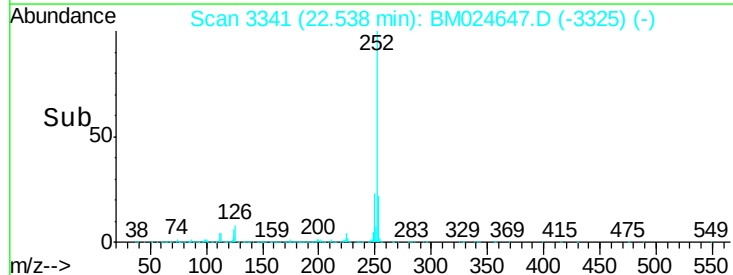
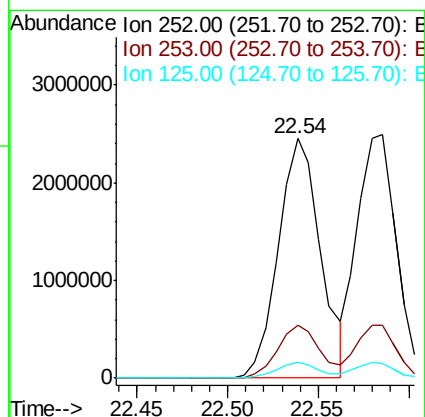
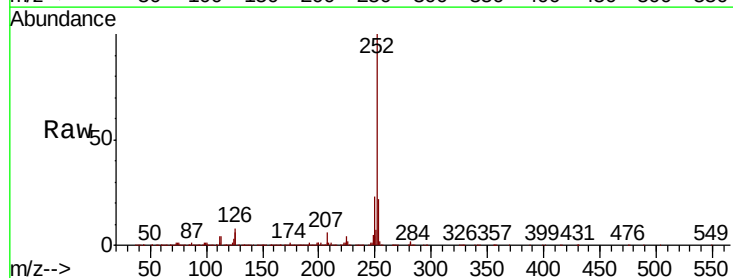
Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:264 Resp: 1585424  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 17.9 26.9  
 265 22.3 17.3 25.9

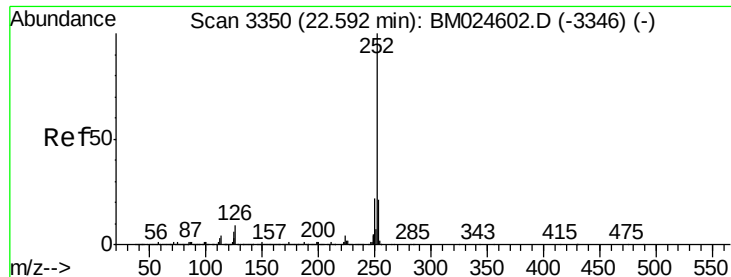


#88  
 Benzo(b)fluoranthene  
 Concen: 38.707 ng  
 RT: 22.54 min Scan# 3341  
 Delta R.T. -0.01 min  
 Lab File: BM024647.D  
 Acq: 29 Jan 2020 13:17

Tgt Ion:252 Resp: 3980113  
 Ion Ratio Lower Upper  
 252 100  
 253 22.2 17.6 26.4  
 125 6.5 5.7 8.5







#89

Benzo(k)fluoranthene

Concen: 37.363 ng

RT: 22.59 min Scan# 3349

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

Instrument :

BNA\_M

ClientSampleId :

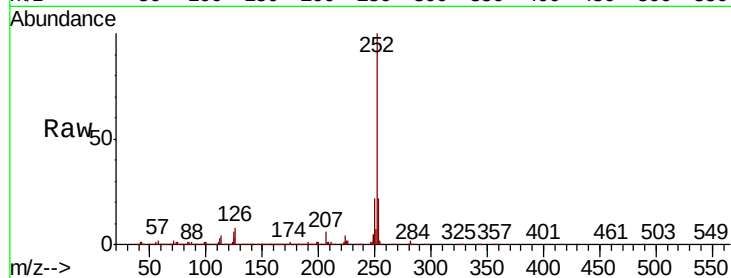
Tot Ion:252 Resp: 3750064

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

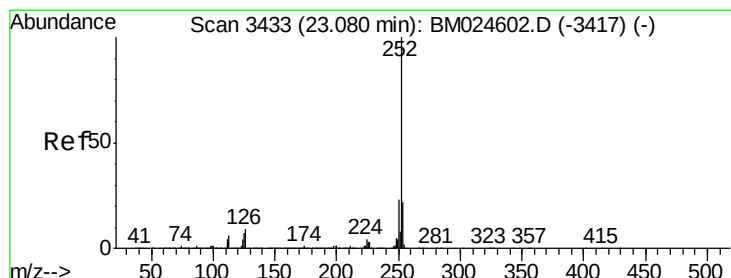
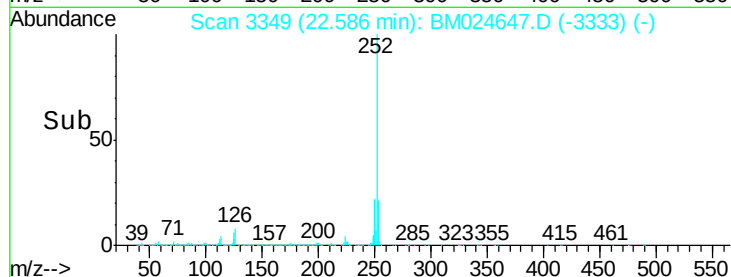
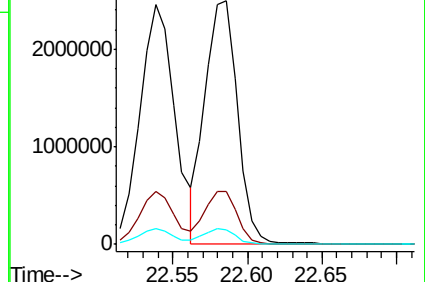
125 6.1 5.2 7.8



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: 36.370 ng

RT: 23.07 min Scan# 3431

Delta R.T. -0.01 min

Lab File: BM024647.D

Acq: 29 Jan 2020 13:17

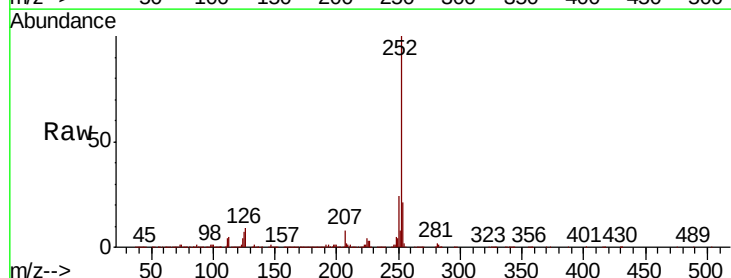
Tgt Ion:252 Resp: 3400153

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

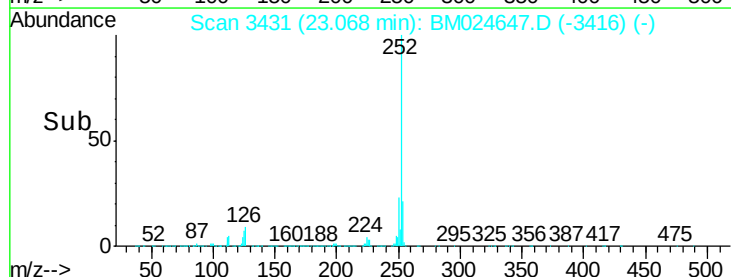
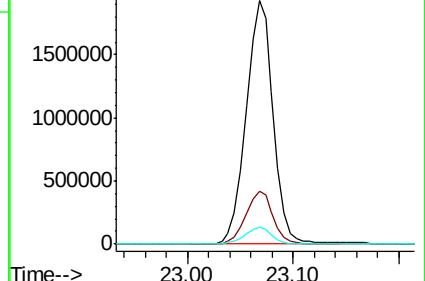
125 6.9 5.8 8.8

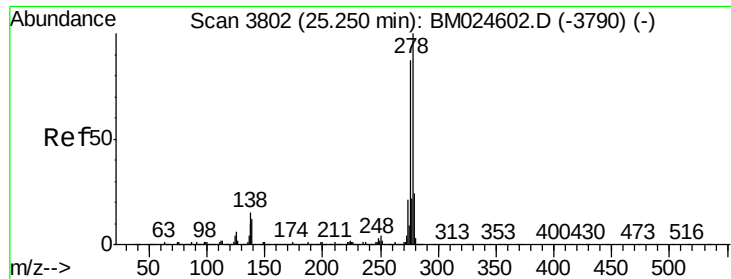


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

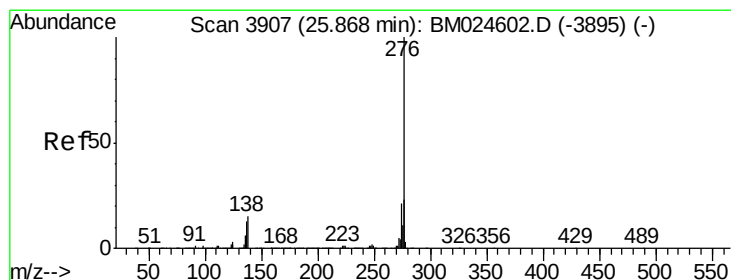
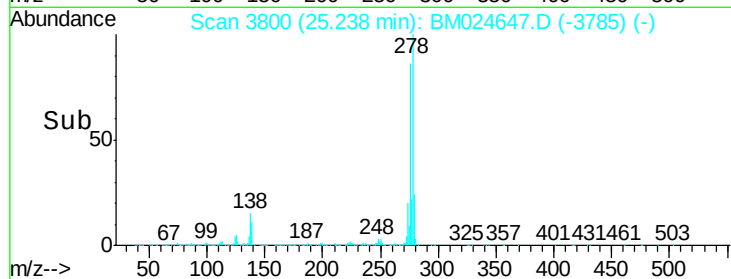
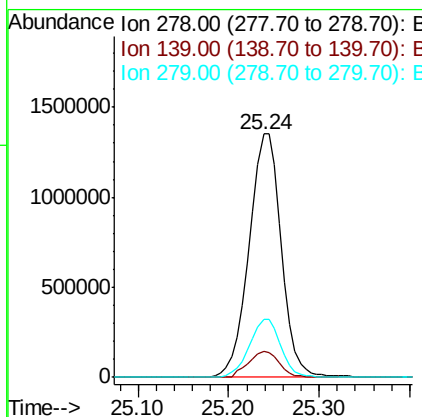
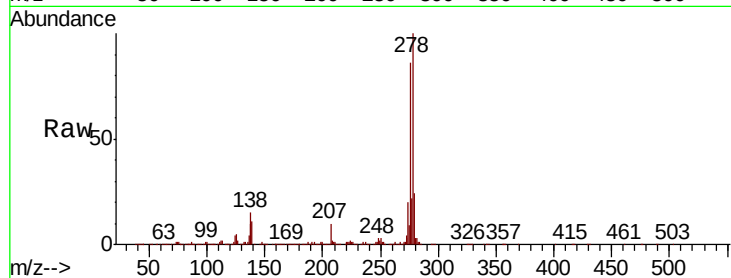




#91  
Dibenzo(a,h)anthracene  
Concen: 37.671 ng  
RT: 25.24 min Scan# 3800  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 3342637  
Ion Ratio Lower Upper  
278 100  
139 10.7 9.3 13.9  
279 23.6 18.9 28.3



#92  
Benzo(g,h,i)perylene  
Concen: 40.521 ng  
RT: 25.86 min Scan# 3905  
Delta R.T. -0.01 min  
Lab File: BM024647.D  
Acq: 29 Jan 2020 13:17

Tgt Ion:276 Resp: 3264814  
Ion Ratio Lower Upper  
276 100  
277 23.3 18.6 28.0  
138 13.7 11.9 17.9

