

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030618\  
 Data File : BN000260.D  
 Acq On : 06 Mar 2018 13:06  
 Operator : JU/SJ  
 Sample : J1699-01MSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 B1MSD

Quant Time: Mar 07 04:26:39 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\8270-BN020718.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 07 18:24:45 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.45  | 152  | 274266   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 11.29 | 136  | 1309636  | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 15.06 | 164  | 739237   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.78 | 188  | 1546824  | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.90 | 240  | 1586130  | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.38 | 264  | 1705310  | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.93  | 112 | 1662203 | 98.77 | ng | -0.02 |
| 7) Phenol-d6             | 7.58  | 99  | 2410666 | 94.57 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.63  | 82  | 1411485 | 64.08 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.53 | 330 | 640780  | 87.57 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 13.69 | 172 | 2886671 | 55.04 | ng | -0.02 |
| 78) Terphenyl-d14        | 20.34 | 244 | 3760461 | 64.02 | ng | -0.02 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.65  | 88  | 140576  | 20.760 | ng | 98     |
| 3) Pyridine                    | 4.09  | 79  | 369396  | 17.525 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.99  | 42  | 168569  | 28.279 | ng | # 93   |
| 6) Aniline                     | 7.76  | 93  | 550379  | 15.672 | ng | 92     |
| 8) 2-Chlorophenol              | 8.00  | 128 | 538068  | 27.341 | ng | 90     |
| 9) Benzaldehyde                | 7.56  | 77  | 178243  | 11.240 | ng | 91     |
| 10) Phenol                     | 7.60  | 94  | 773230  | 28.735 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 7.85  | 93  | 555446  | 25.098 | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 8.33  | 146 | 502076  | 22.453 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.49  | 146 | 514696  | 22.539 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.81  | 146 | 509382  | 22.661 | ng | 96     |
| 15) Benzyl Alcohol             | 8.68  | 79  | 490945  | 26.796 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.98  | 45  | 587196  | 25.067 | ng | 79     |
| 17) 2-Methylphenol             | 8.88  | 107 | 499738  | 26.134 | ng | 95     |
| 18) Hexachloroethane           | 9.55  | 117 | 188526  | 23.716 | ng | # 80   |
| 19) n-Nitroso-di-n-propylamine | 9.25  | 70  | 417089  | 24.418 | ng | # 84   |
| 20) 3+4-Methylphenols          | 9.21  | 107 | 672860  | 25.159 | ng | 94     |
| 22) Acetophenone               | 9.28  | 105 | 854971  | 23.297 | ng | # 88   |
| 24) Nitrobenzene               | 9.67  | 77  | 644752  | 26.775 | ng | # 94   |
| 25) Isophorone                 | 10.19 | 82  | 1212968 | 26.639 | ng | 98     |
| 26) 2-Nitrophenol              | 10.39 | 139 | 249481  | 28.686 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.43 | 122 | 581255  | 29.446 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.67 | 93  | 775379  | 26.552 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.92 | 162 | 490633  | 26.857 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 11.15 | 180 | 478011  | 22.721 | ng | 97     |
| 31) Naphthalene                | 11.34 | 128 | 1710047 | 23.817 | ng | 98     |
| 32) Benzoic acid               | 10.53 | 122 | 280900  | 25.498 | ng | 91     |
| 33) 4-Chloroaniline            | 11.43 | 127 | 426978  | 13.537 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.62 | 225 | 234567  | 21.502 | ng | 96     |
| 35) Caprolactam                | 12.19 | 113 | 194941  | 26.387 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.52 | 107 | 622397  | 26.835 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.92 | 142 | 1205639 | 24.134 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.27 | 216 | 502128  | 23.012 | ng | # 95   |
| 40) Hexachlorocyclopentadiene  | 13.25 | 237 | 377382  | 41.491 | ng | 93     |

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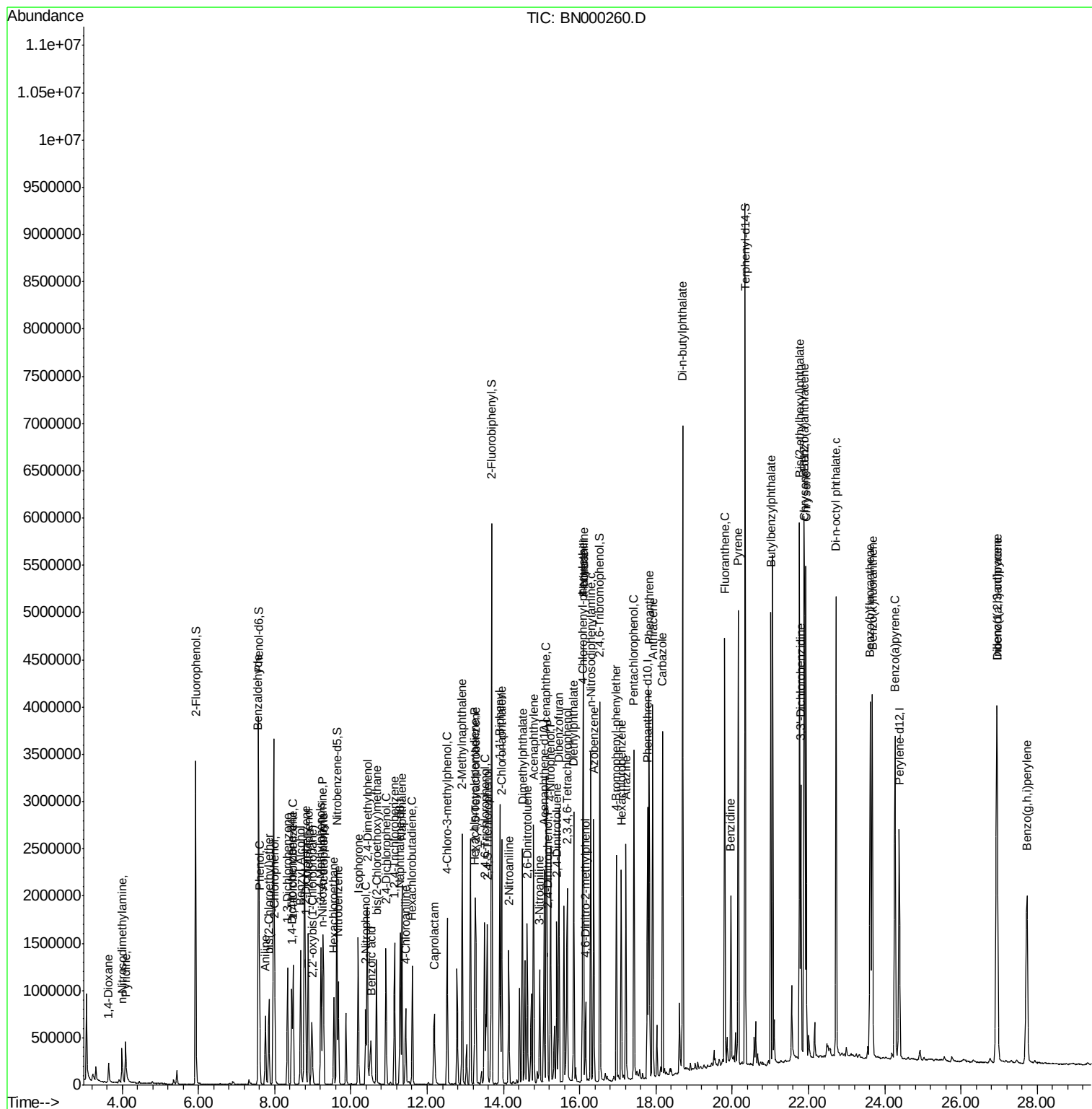
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.50 | 196  | 353100   | 27.000 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.57 | 196  | 402543   | 25.605 | nq #  | 92       |
| 45) 1,1'-Biphenyl              | 13.90 | 154  | 1524970  | 23.423 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.95 | 162  | 1166521  | 23.879 | nq    | 97       |
| 47) 2-Nitroaniline             | 14.14 | 65   | 385146   | 29.026 | nq    | 90       |
| 48) Acenaphthylene             | 14.79 | 152  | 1884857  | 23.948 | nq    | 98       |
| 49) Dimethylphthalate          | 14.50 | 163  | 1474879  | 23.867 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.62 | 165  | 313150   | 24.547 | nq    | 93       |
| 51) Acenaphthene               | 15.12 | 154  | 1296009  | 25.297 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.95 | 138  | 284932   | 18.374 | nq #  | 93       |
| 53) 2,4-Dinitrophenol          | 15.15 | 184  | 237434   | 55.650 | nq #  | 1        |
| 54) Dibenzofuran               | 15.45 | 168  | 1785664  | 24.611 | nq    | 95       |
| 55) 4-Nitrophenol              | 15.23 | 139  | 635575   | 51.880 | nq    | 87       |
| 56) 2,4-Dinitrotoluene         | 15.40 | 165  | 440594   | 26.206 | nq    | 97       |
| 57) Fluorene                   | 16.10 | 166  | 1439628  | 24.300 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.67 | 232  | 334142   | 26.931 | nq #  | 80       |
| 59) Diethylphthalate           | 15.84 | 149  | 1561032  | 24.858 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 16.07 | 204  | 645298   | 23.901 | nq    | 91       |
| 61) 4-Nitroaniline             | 16.10 | 138  | 376258   | 23.614 | nq    | 92       |
| 62) Azobenzene                 | 16.37 | 77   | 1679581  | 26.868 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 16.16 | 198  | 155815   | 26.123 | nq    | 90       |
| 65) n-Nitrosodiphenylamine     | 16.29 | 169  | 1276592  | 25.363 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.96 | 248  | 365000   | 24.814 | nq #  | 84       |
| 67) Hexachlorobenzene          | 17.09 | 284  | 393737   | 22.921 | nq #  | 86       |
| 68) Atrazine                   | 17.22 | 200  | 402904   | 24.596 | nq    | 93       |
| 69) Pentachlorophenol          | 17.42 | 266  | 503076   | 45.264 | nq    | 99       |
| 70) Phenanthrene               | 17.82 | 178  | 2264599  | 24.785 | nq    | 99       |
| 71) Anthracene                 | 17.91 | 178  | 2321868  | 26.245 | nq    | 98       |
| 72) Carbazole                  | 18.17 | 167  | 2268473  | 25.452 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.70 | 149  | 4932220  | 50.128 | nq    | 99       |
| 74) Fluoranthene               | 19.80 | 202  | 2539824  | 26.496 | nq    | 94       |
| 76) Benzidine                  | 19.97 | 184  | 960276   | 18.992 | nq    | 97       |
| 77) Pyrene                     | 20.16 | 202  | 2618260  | 25.973 | nq    | 99       |
| 79) Butylbenzylphthalate       | 21.01 | 149  | 1290601  | 29.341 | nq #  | 95       |
| 80) Benzo(a)anthracene         | 21.88 | 228  | 2537243  | 26.025 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.80 | 252  | 752078   | 21.003 | nq #  | 96       |
| 82) Chrysene                   | 21.94 | 228  | 2398320  | 24.686 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.77 | 149  | 1973158  | 29.025 | nq #  | 94       |
| 84) Di-n-octyl phthalate       | 22.72 | 149  | 3364740  | 29.966 | nq #  | 94       |
| 85) Indeno(1,2,3-cd)pyrene     | 26.94 | 276  | 2681390  | 22.468 | nq #  | 85       |
| 87) Benzo(b)fluoranthene       | 23.62 | 252  | 2566366  | 25.711 | nq #  | 95       |
| 88) Benzo(k)fluoranthene       | 23.67 | 252  | 2566150  | 25.526 | nq #  | 94       |
| 89) Benzo(a)pyrene             | 24.27 | 252  | 2497680  | 26.093 | nq #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 26.95 | 278  | 2253972  | 22.517 | nq #  | 91       |
| 91) Benzo(g,h,i)perylene       | 27.73 | 276  | 2175951  | 21.497 | nq #  | 87       |

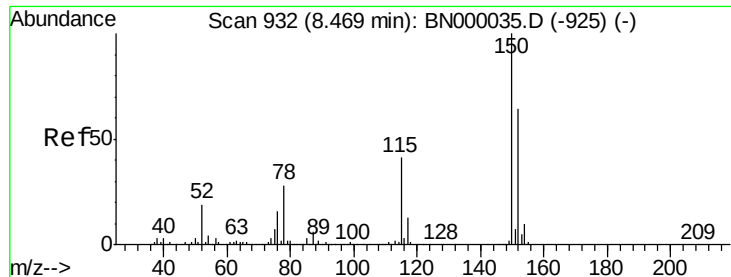
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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B1MSD

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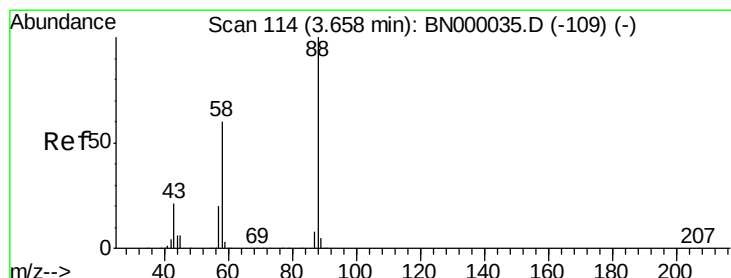
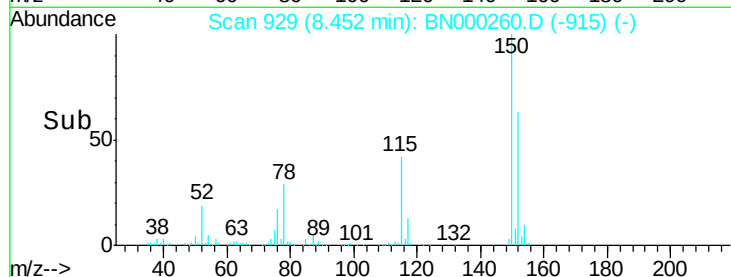
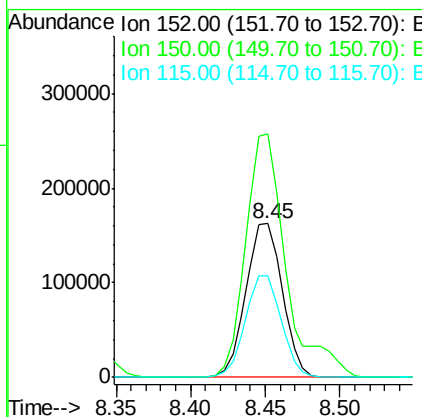
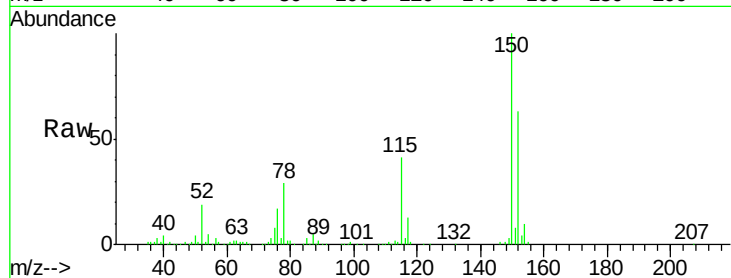


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.45 min Scan# 929  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

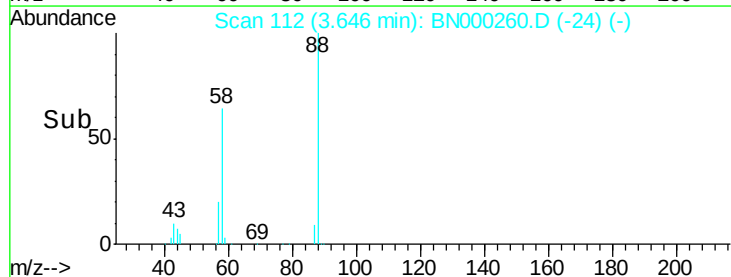
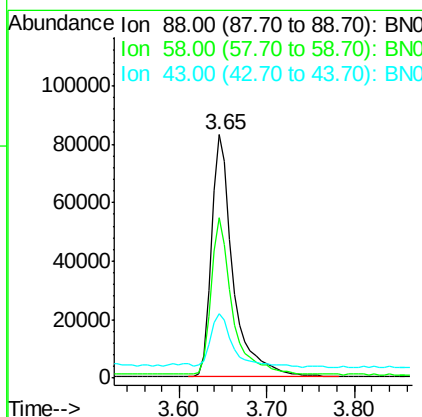
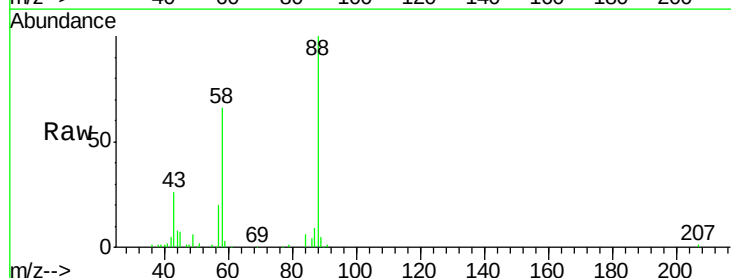
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.3 | 126.6 | 189.8 |
| 115     | 65.7  | 53.0  | 79.4  |

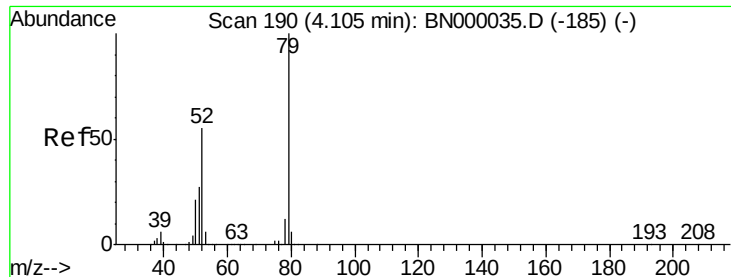


#2

1,4-Dioxane  
Concen: 20.760 ng  
RT: 3.65 min Scan# 112  
Delta R.T. -0.01 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 64.0  | 52.0  | 78.0  |
| 43      | 23.1  | 20.0  | 30.0  |





#3

Pvridine

Concen: 17.525 ng

RT: 4.09 min Scan# 188

Delta R.T. -0.01 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

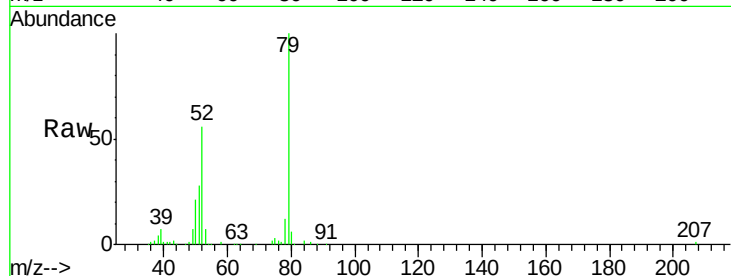
Tot Ion: 79 Resp: 369396

Ion Ratio Lower Upper

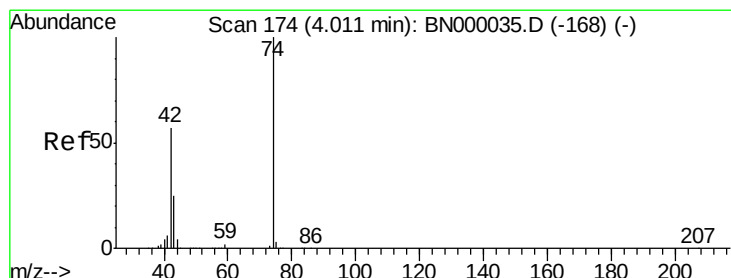
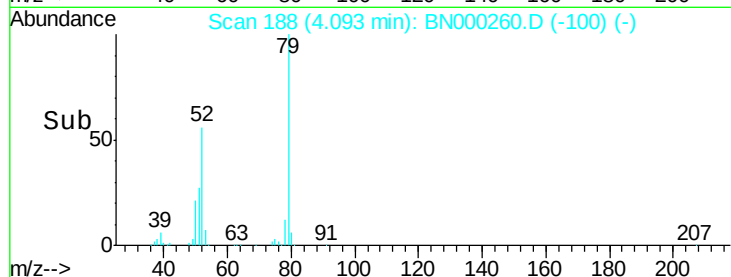
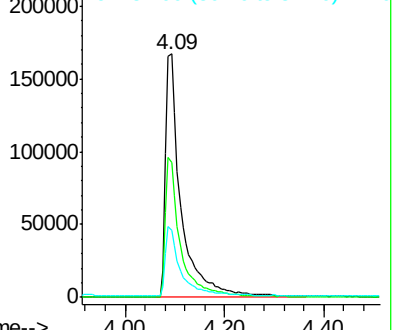
79 100

52 55.6 44.0 66.0

51 27.5 24.0 36.0



Abundance Ion 79.00 (78.70 to 79.70): BN0  
Ion 52.00 (51.70 to 52.70): BN0  
Ion 51.00 (50.70 to 51.70): BN0



#4

n-Nitrosodimethylamine

Concen: 28.279 ng

RT: 3.99 min Scan# 171

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

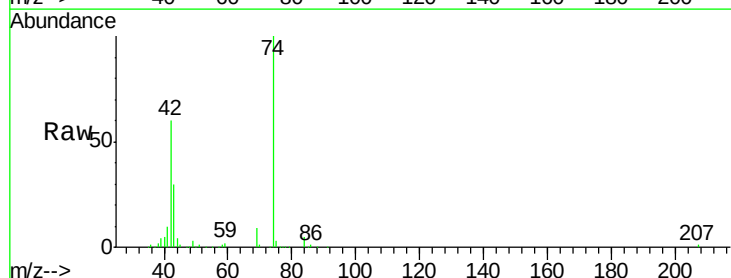
Tgt Ion: 42 Resp: 168569

Ion Ratio Lower Upper

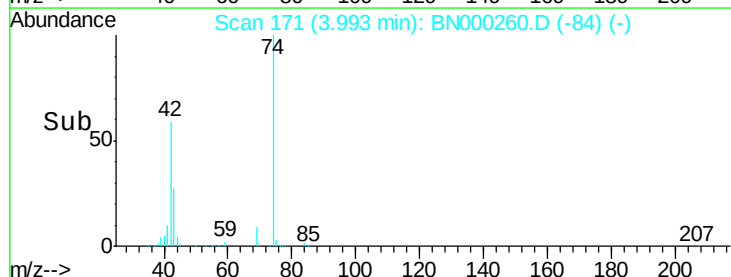
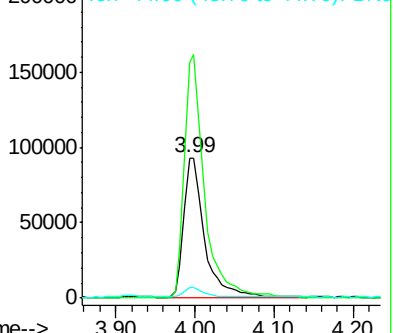
42 100

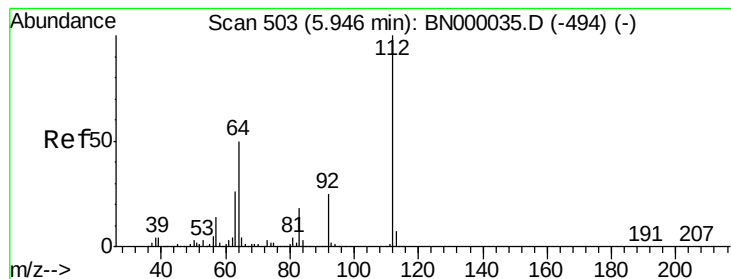
74 167.9 128.0 192.0

44 7.2 12.0 18.0#



Abundance Ion 42.00 (41.70 to 42.70): BN0  
Ion 74.00 (73.70 to 74.70): BN0  
Ion 44.00 (43.70 to 44.70): BN0





#5

2-Fluorophenol

Concen: 98.773 ng

RT: 5.93 min Scan# 500

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

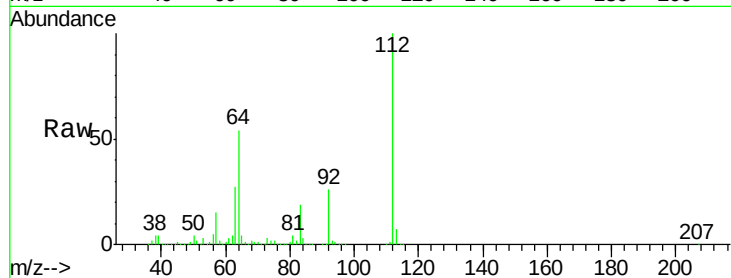
Tot Ion:112 Resp: 1662203

Ion Ratio Lower Upper

112 100

64 53.9 56.3 84.5#

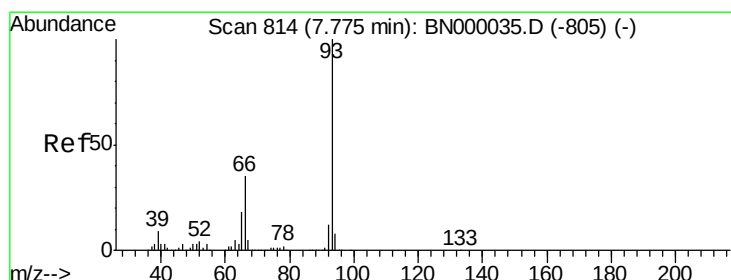
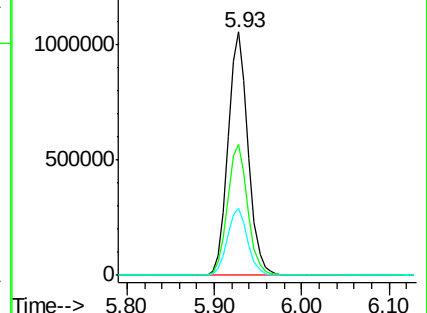
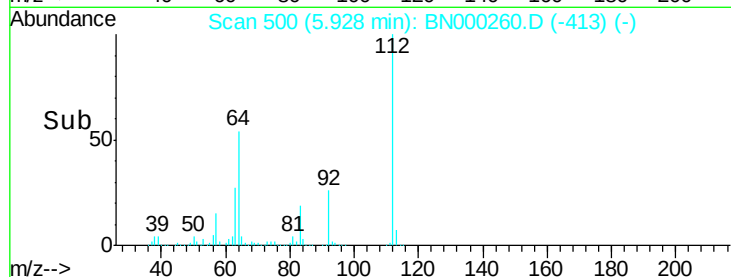
63 27.3 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 15.672 ng

RT: 7.76 min Scan# 811

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

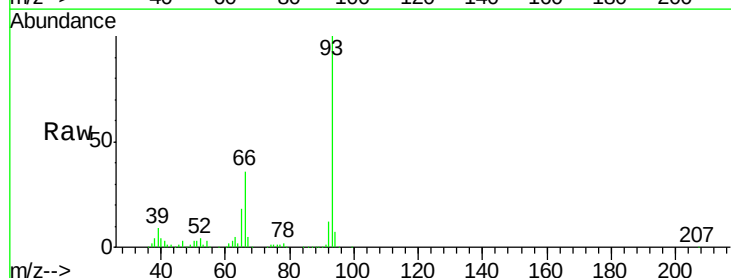
Tgt Ion: 93 Resp: 550379

Ion Ratio Lower Upper

93 100

66 36.1 33.7 50.5

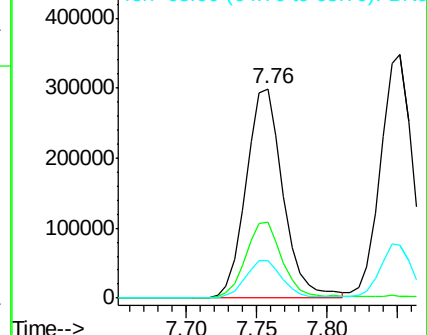
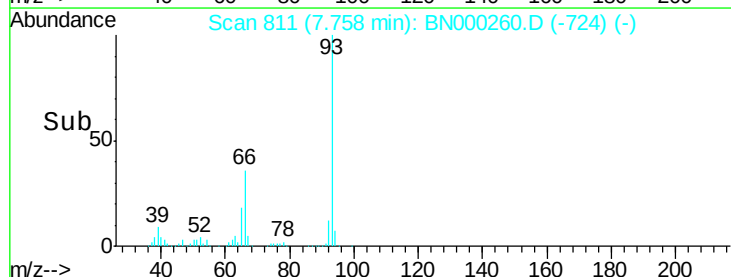
65 18.2 16.1 24.1

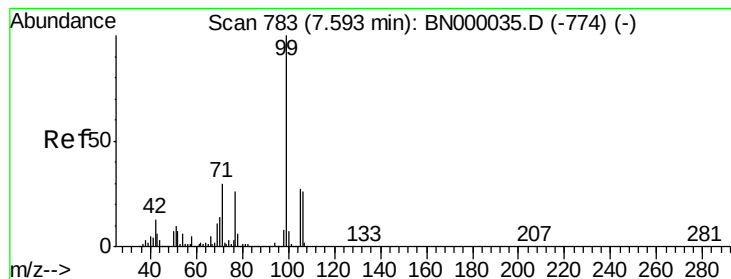


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 94.569 ng

RT: 7.58 min Scan# 780

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

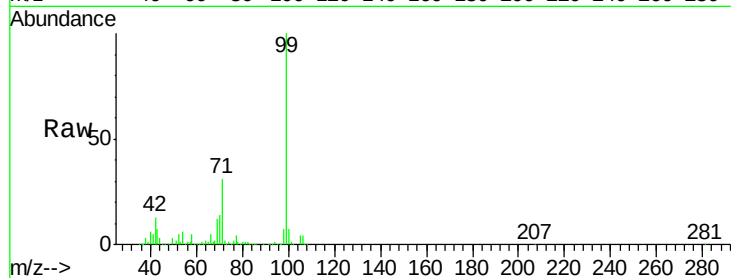
BNA\_N

ClientSampleId :

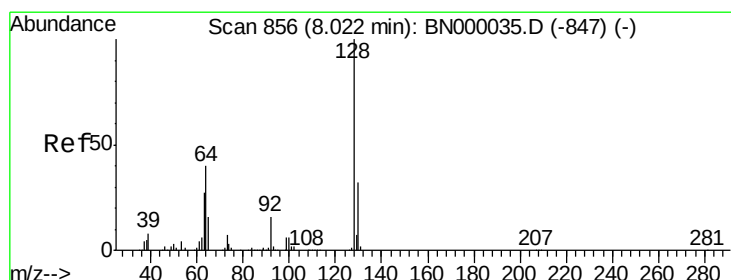
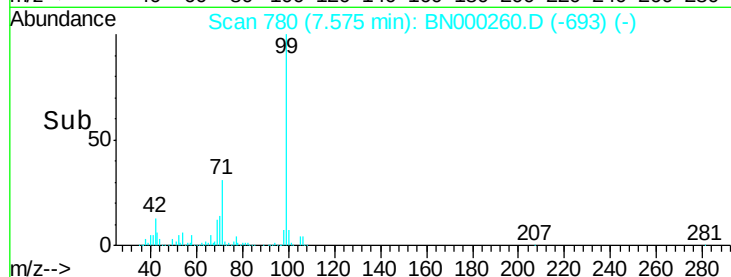
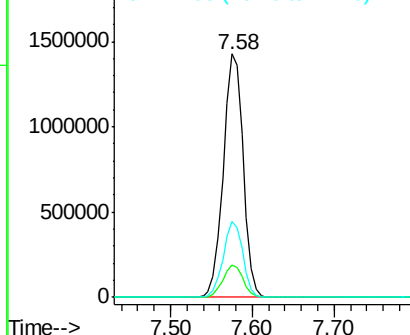
B1MSD

Tot Ion: 99 Resp: 2410666

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 13.4  | 14.1  | 21.1# |
| 71  | 31.4  | 26.1  | 39.1  |



Abundance Ion 99.00 (98.70 to 99.70): BN0  
Ion 42.00 (41.70 to 42.70): BN0  
Ion 71.00 (70.70 to 71.70): BN0



#8

2-Chlorophenol

Concen: 27.341 ng

RT: 8.00 min Scan# 852

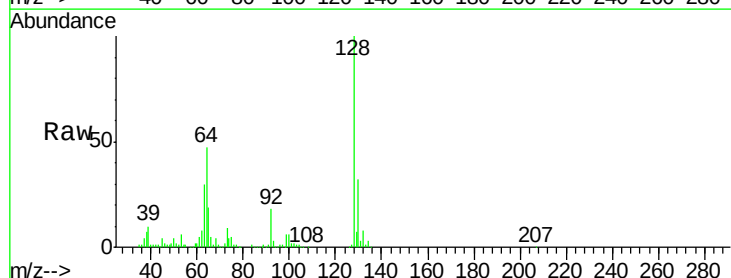
Delta R.T. -0.02 min

Lab File: BN000260.D

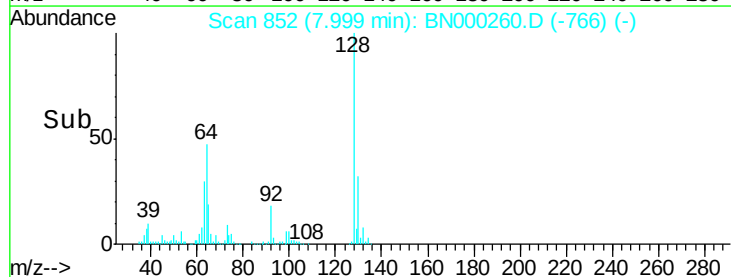
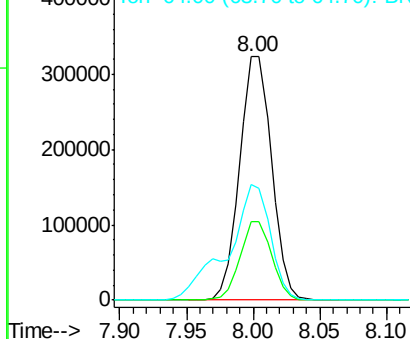
Acq: 06 Mar 2018 13:06

Tgt Ion: 128 Resp: 538068

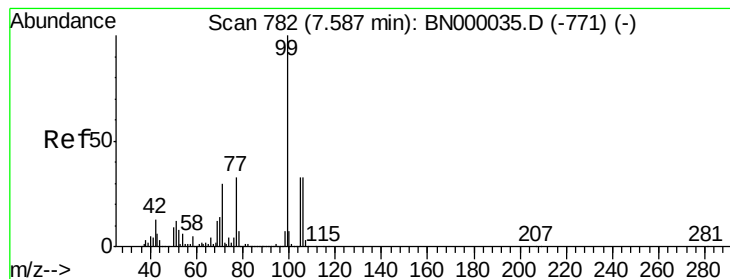
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.4  | 14.0  | 54.0  |
| 64  | 47.4  | 37.7  | 77.7  |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BN0







#9

Benzaldehyde

Concen: 11.240 ng

RT: 7.56 min Scan# 778

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

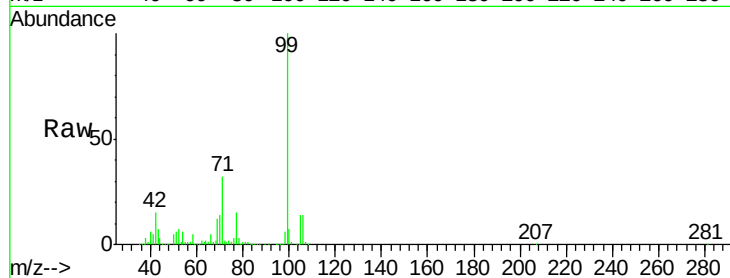
Tot Ion: 77 Resp: 178243

Ion Ratio Lower Upper

77 100

105 97.7 71.3 111.3

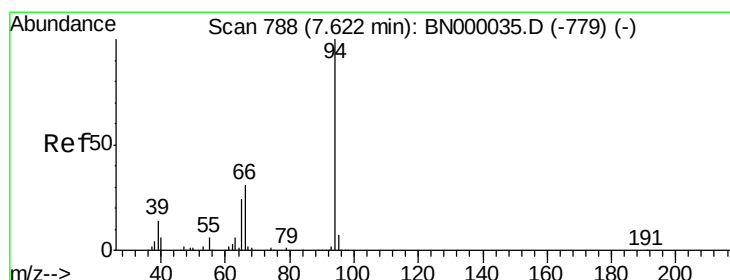
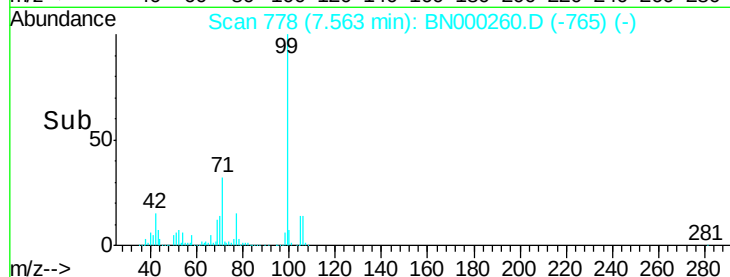
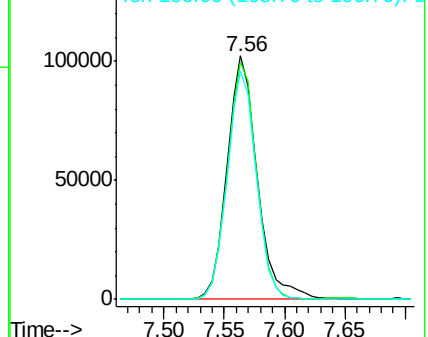
106 93.8 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 28.735 ng

RT: 7.60 min Scan# 785

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

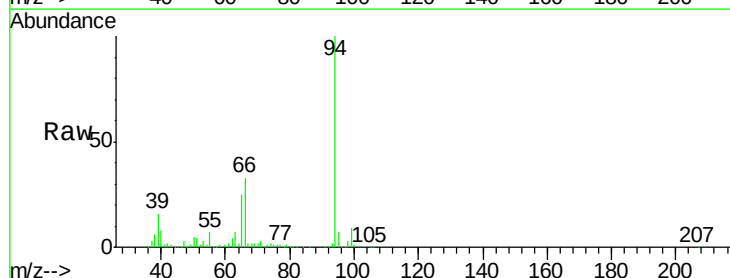
Tgt Ion: 94 Resp: 773230

Ion Ratio Lower Upper

94 100

65 25.0 11.9 51.9

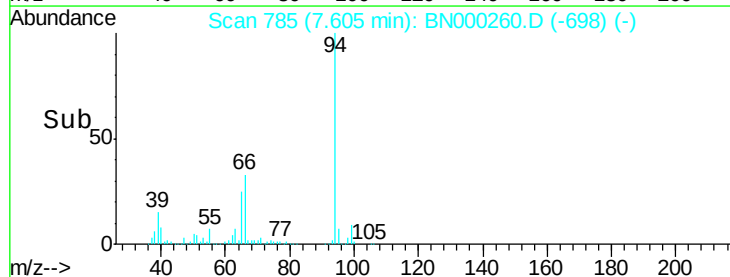
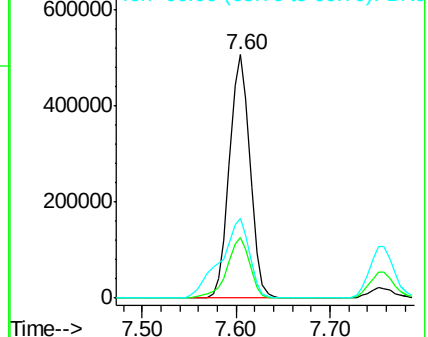
66 32.8 22.2 62.2



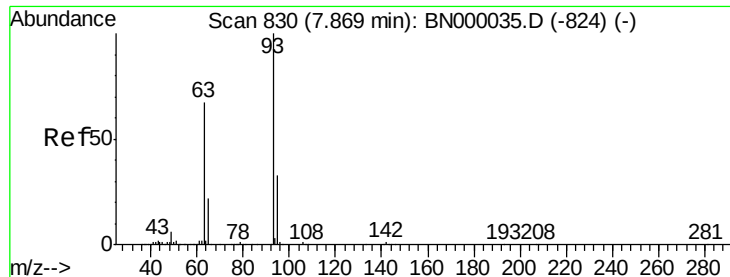
Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC







#11

bis(2-Chloroethyl)ether

Concen: 25.098 ng

RT: 7.85 min Scan# 827

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

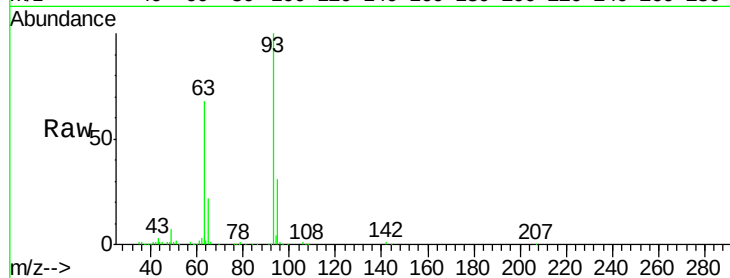
Tot Ion: 93 Resp: 555446

Ion Ratio Lower Upper

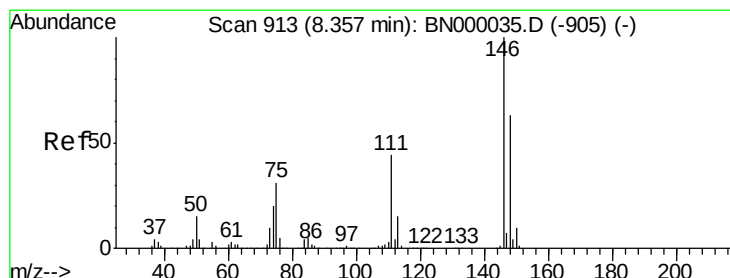
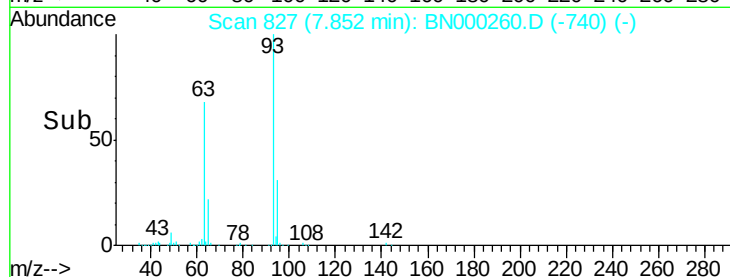
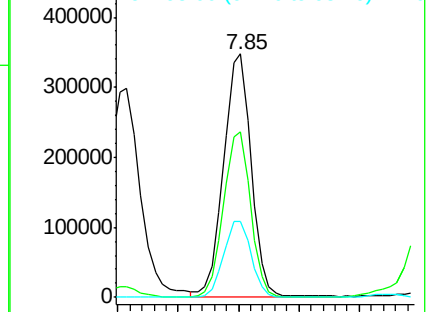
93 100

63 67.8 67.1 107.1

95 31.4 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN0  
Ion 63.00 (62.70 to 63.70): BN0  
Ion 95.00 (94.70 to 95.70): BN0



#12

1,3-Dichlorobenzene

Concen: 22.453 ng

RT: 8.33 min Scan# 909

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

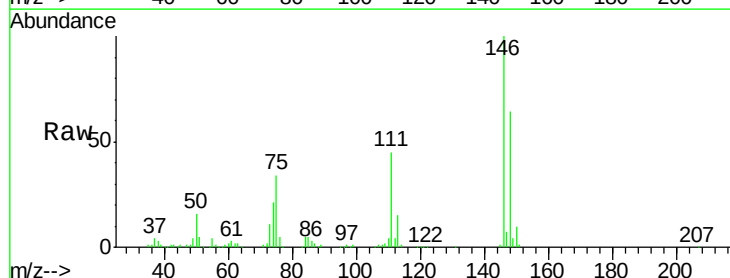
Tgt Ion: 146 Resp: 502076

Ion Ratio Lower Upper

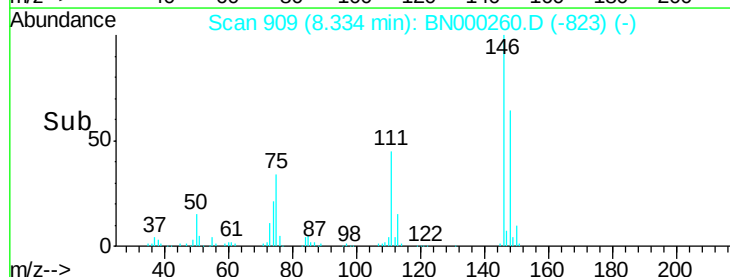
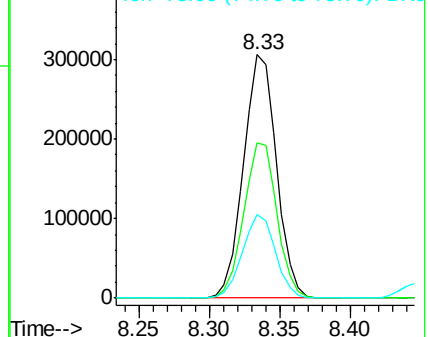
146 100

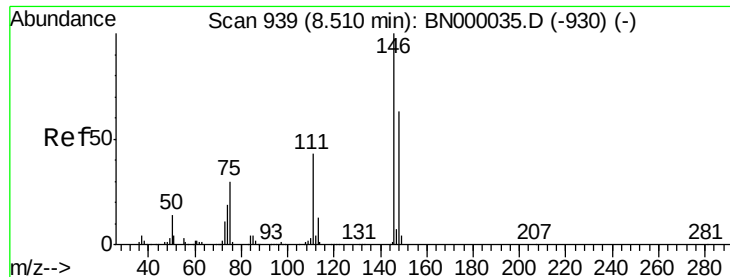
148 63.7 51.4 77.2

75 34.5 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BN0

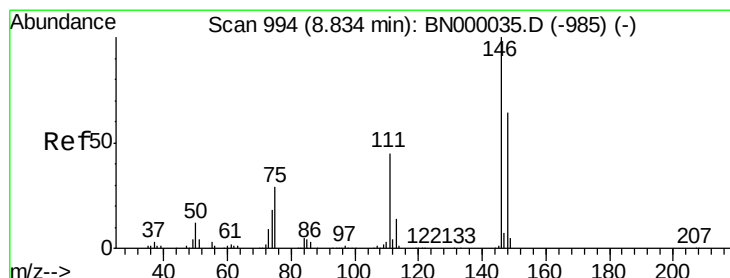
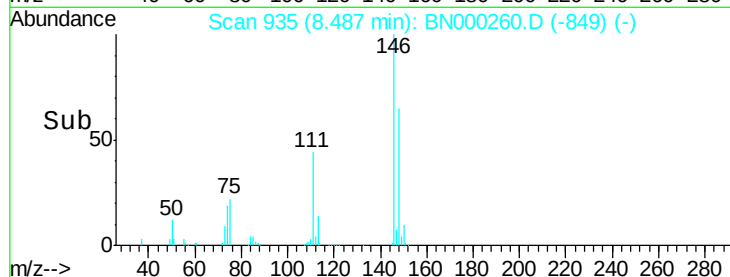
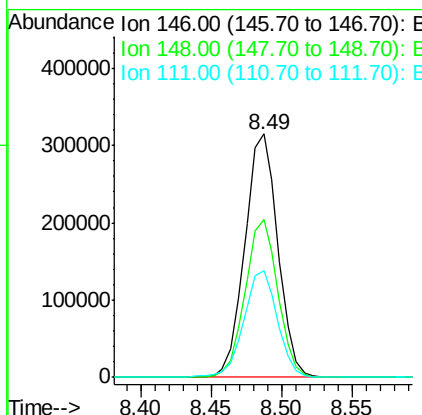
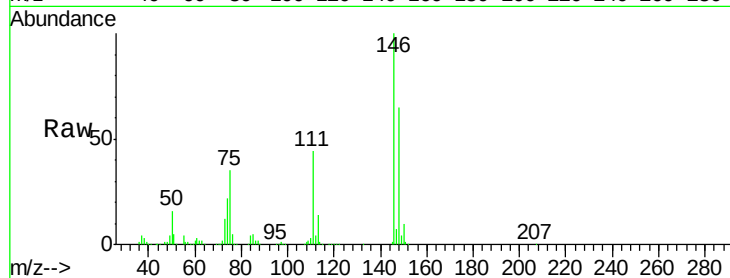




#13  
 1,4-Dichlorobenzene  
 Concen: 22.539 ng  
 RT: 8.49 min Scan# 935  
 Delta R.T. -0.02 min  
 Lab File: BN000260.D  
 Acq: 06 Mar 2018 13:06

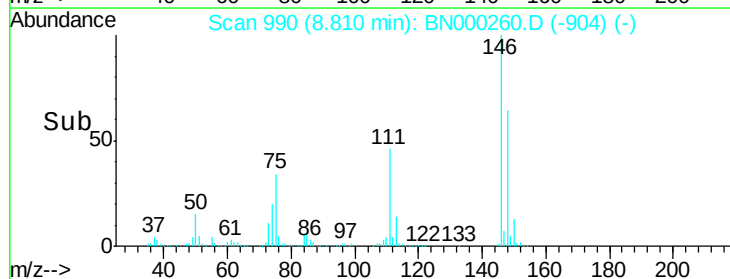
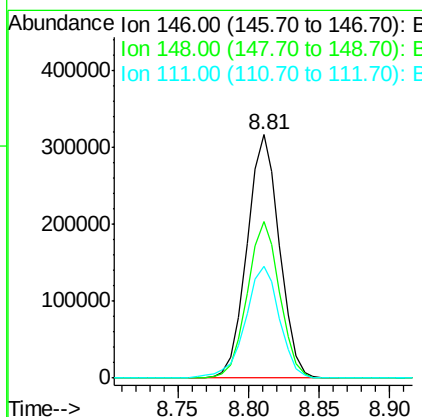
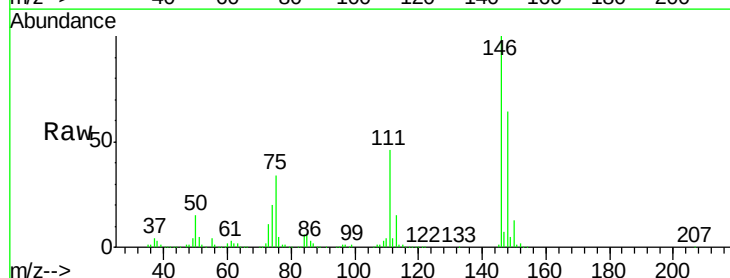
Instrument :  
 BNA\_N  
 ClientSampleId :  
 B1MSD

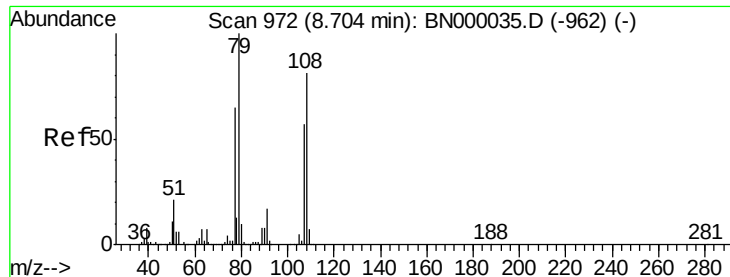
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 53.7  | 80.5  |
| 111     | 43.7  | 35.2  | 52.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 22.661 ng  
 RT: 8.81 min Scan# 990  
 Delta R.T. -0.02 min  
 Lab File: BN000260.D  
 Acq: 06 Mar 2018 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.2  | 49.3  | 73.9  |
| 111     | 46.0  | 34.3  | 51.5  |





#15

Benzyl Alcohol

Concen: 26.796 ng

RT: 8.68 min Scan# 968

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

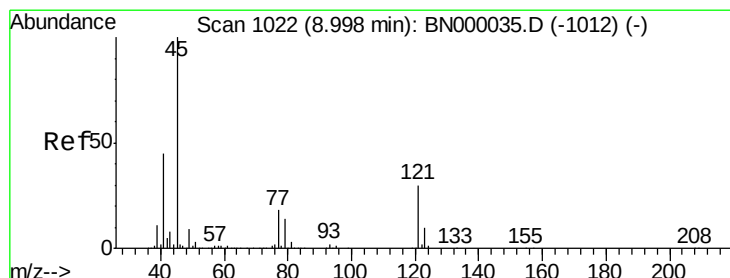
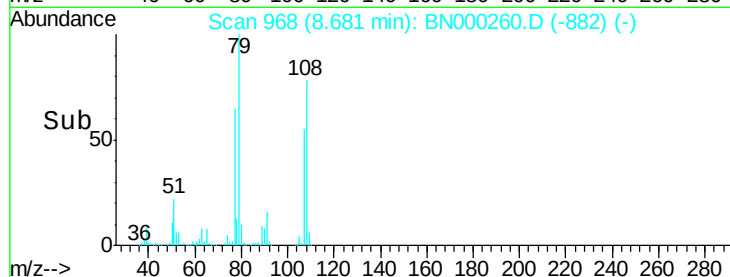
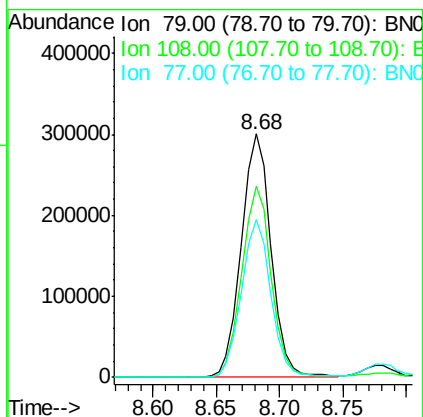
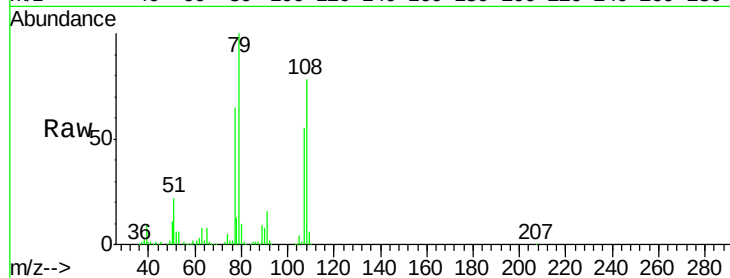
Tot Ion: 79 Resp: 490945

Ion Ratio Lower Upper

79 100

108 78.3 57.2 85.8

77 64.8 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 25.067 ng

RT: 8.98 min Scan# 1018

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

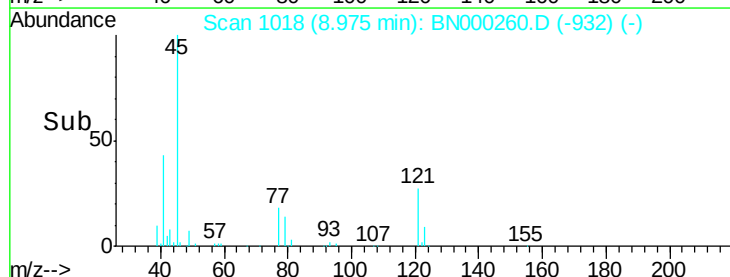
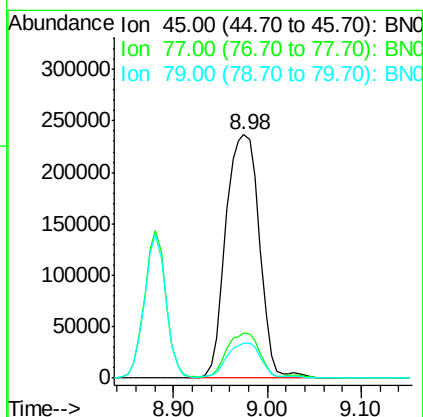
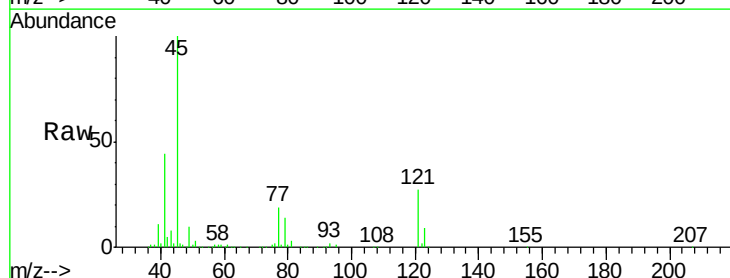
Tgt Ion: 45 Resp: 587196

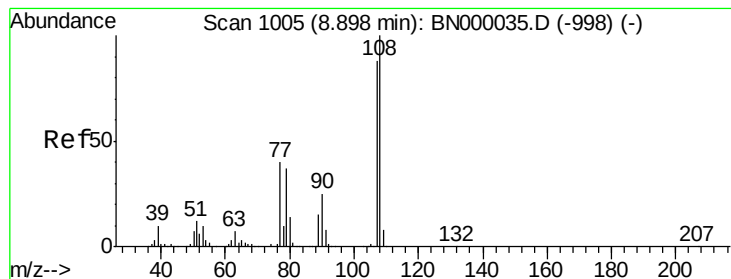
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

79 14.2 0.0 27.9

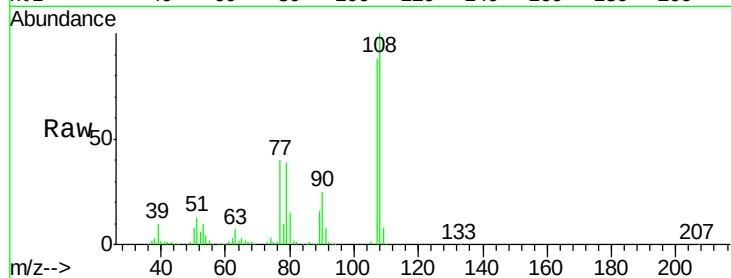




#17  
2-Methylphenol  
Concen: 26.134 ng  
RT: 8.88 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.0 | 83.9  | 125.9 |
| 77      | 45.7  | 37.2  | 55.8  |
| 79      | 44.2  | 36.2  | 54.2  |



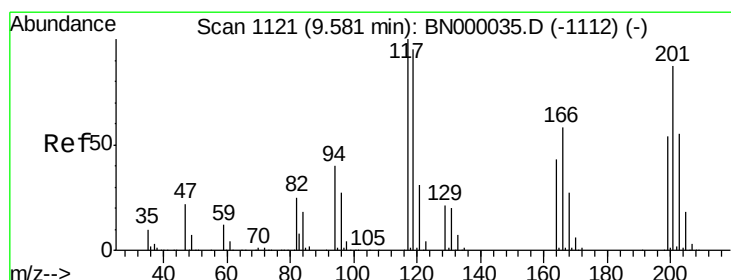
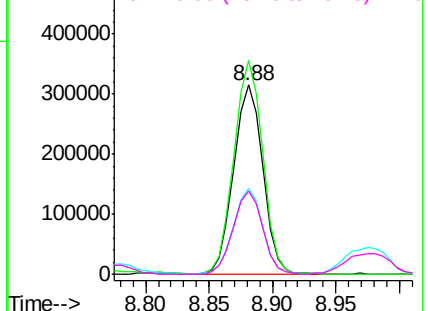
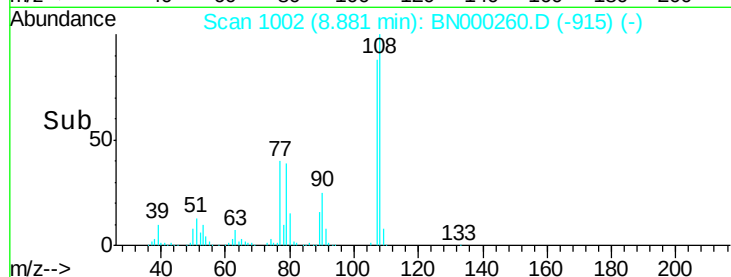
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

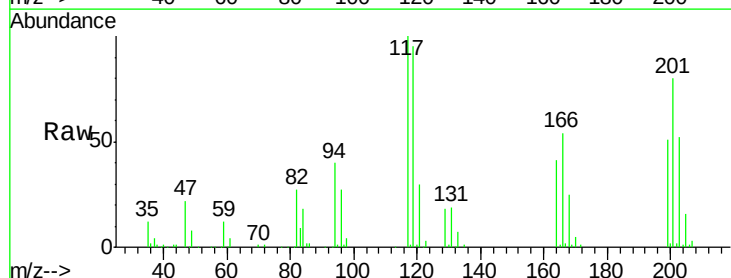
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18  
Hexachloroethane  
Concen: 23.716 ng  
RT: 9.55 min Scan# 1116  
Delta R.T. -0.03 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 94.9  | 76.7  | 115.1  |
| 201     | 80.2  | 95.7  | 143.5# |

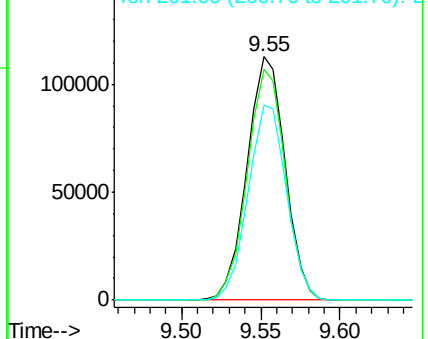
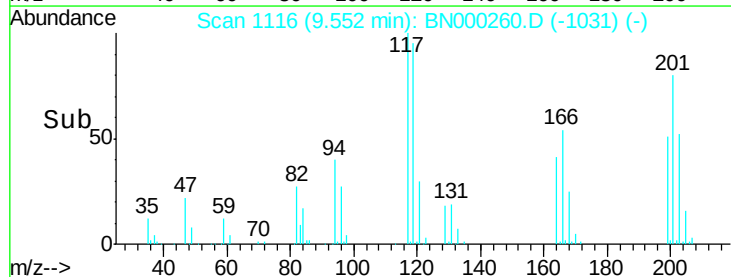


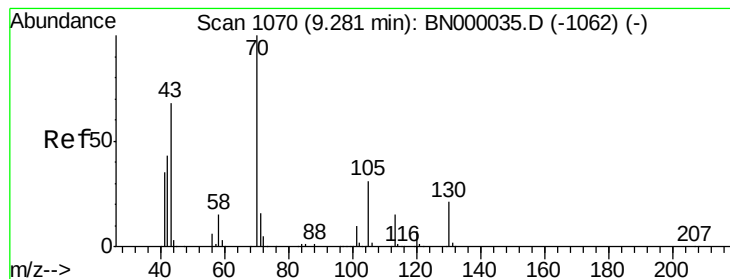
Abundance

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: 24.418 ng

RT: 9.25 min Scan# 1065

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

Tot Ion: 70 Resp: 417089

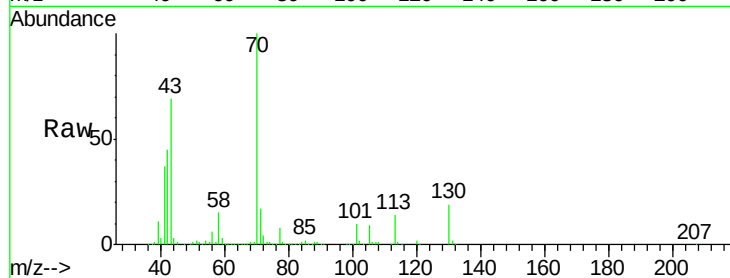
Ion Ratio Lower Upper

70 100

42 44.7 49.1 73.7#

101 9.8 8.5 12.7

130 18.7 13.4 20.0

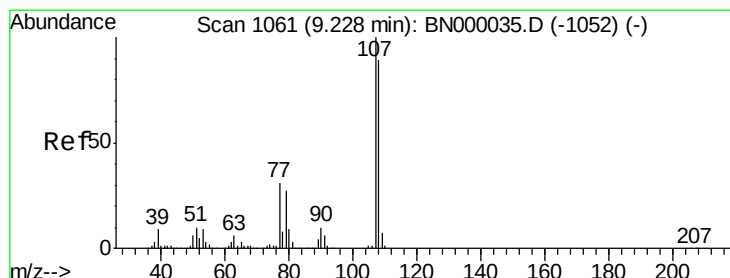
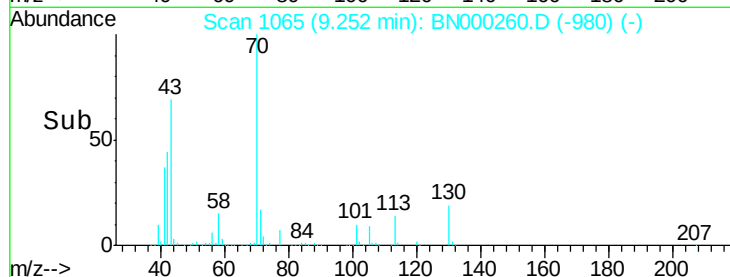
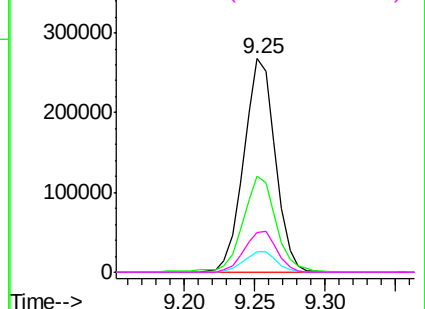


Abundance Ion 70.00 (69.70 to 70.70): BN0

Ion 42.00 (41.70 to 42.70): BN0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 25.159 ng

RT: 9.21 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion: 107 Resp: 672860

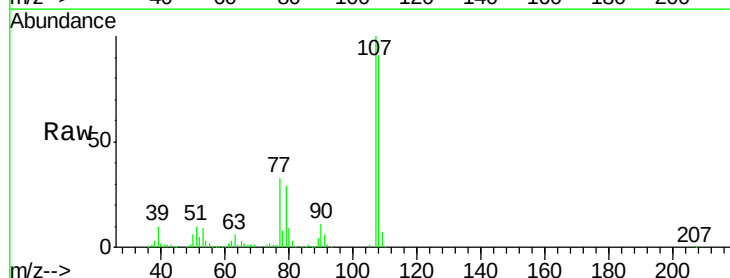
Ion Ratio Lower Upper

107 100

108 90.7 61.6 101.6

77 32.8 13.9 53.9

79 28.9 8.8 48.8

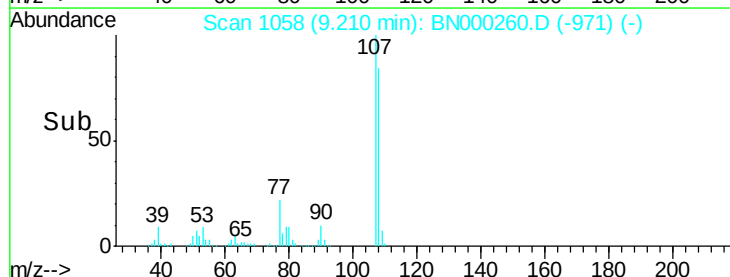
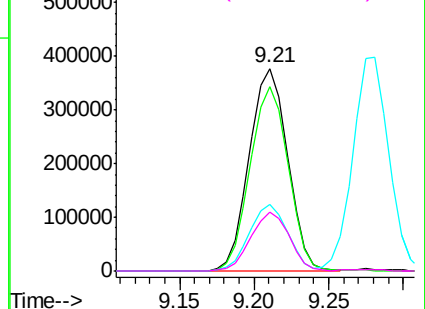


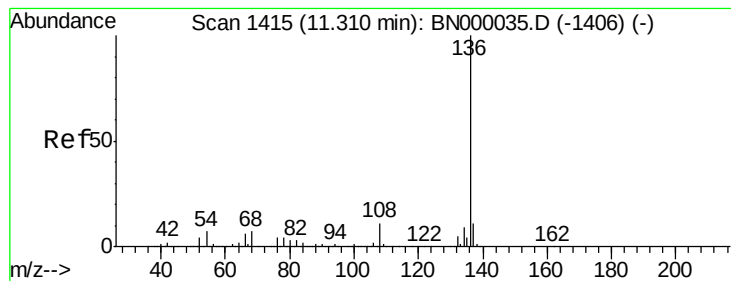
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BN0

Ion 79.00 (78.70 to 79.70): BN0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.29 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

Tot Ion:136 Resp: 1309636

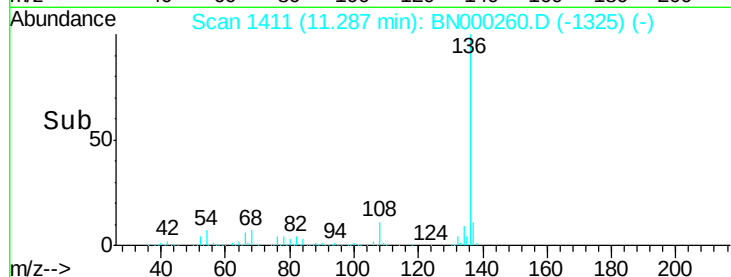
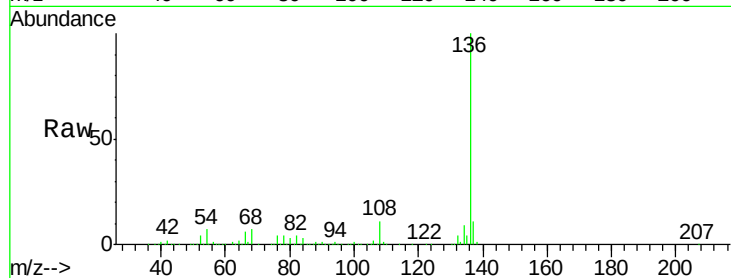
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 7.4 10.3 15.5#

68 7.1 4.5 6.7#



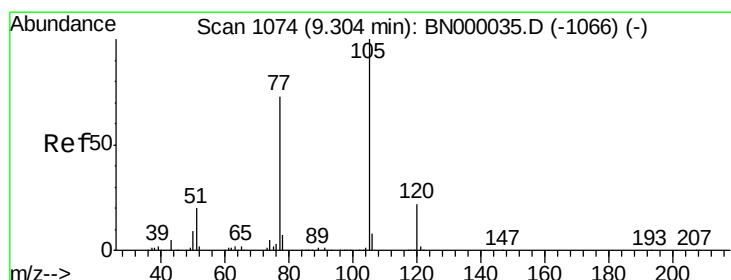
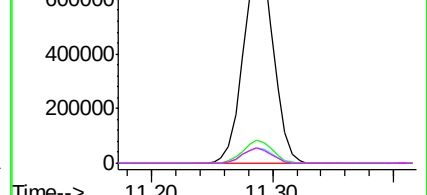
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC

Time-->



#22

Acetophenone

Concen: 23.297 ng

RT: 9.28 min Scan# 1070

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:105 Resp: 854971

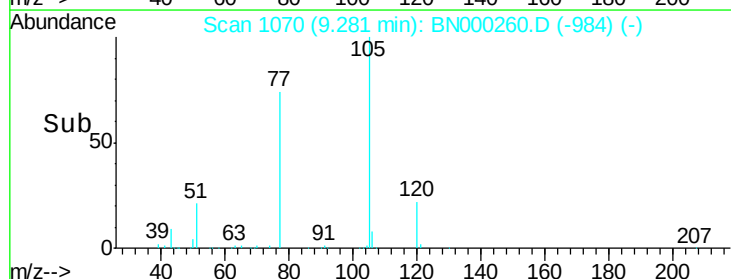
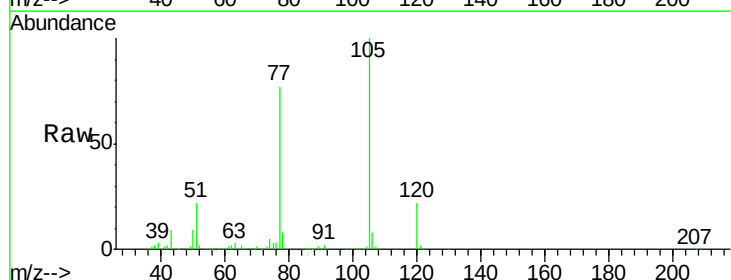
Ion Ratio Lower Upper

105 100

71 0.3 3.0 4.4#

51 21.8 26.1 39.1#

120 22.0 17.4 26.2



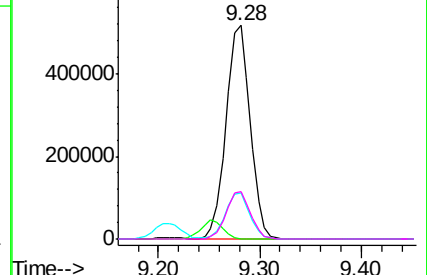
Abundance Ion 105.00 (104.70 to 105.70): E

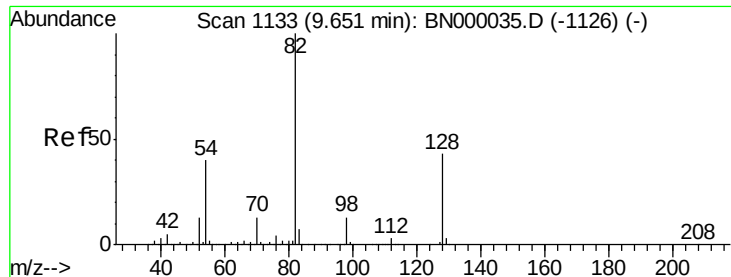
Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

Time-->

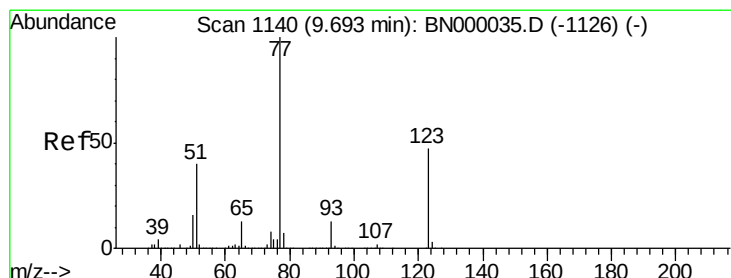
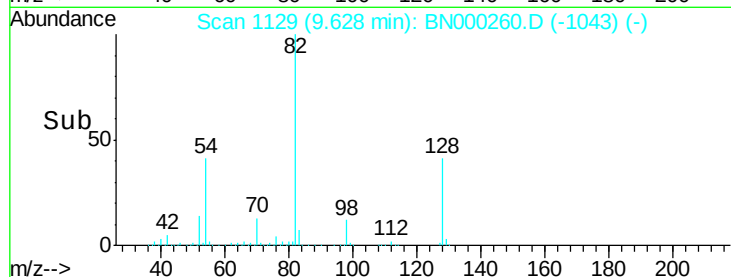
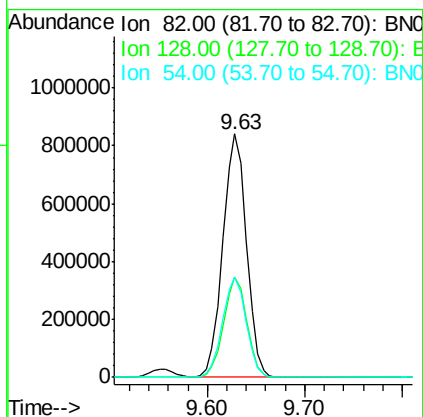
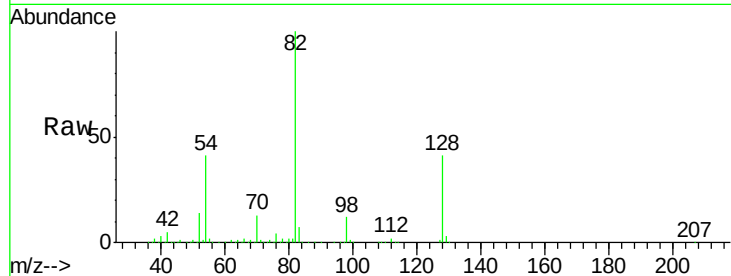




#23  
 Nitrobenzene-d5  
 Concen: 64.080 ng  
 RT: 9.63 min Scan# 1129  
 Delta R.T. -0.02 min  
 Lab File: BN000260.D  
 Acq: 06 Mar 2018 13:06

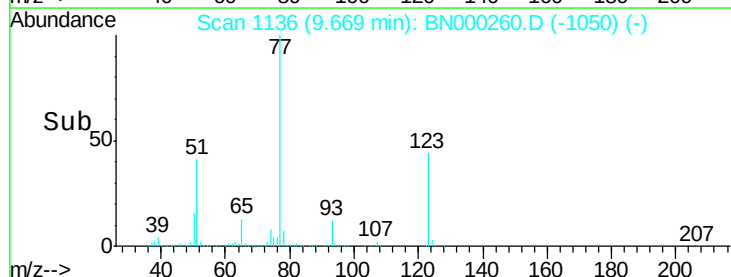
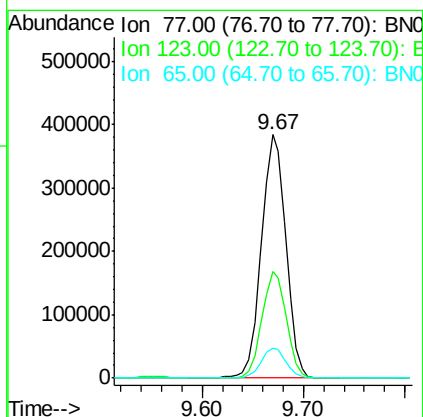
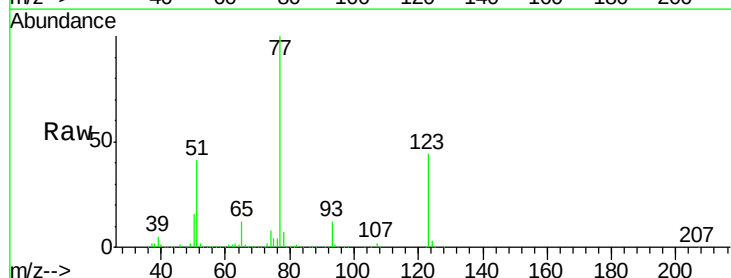
Instrument :  
 BNA\_N  
 ClientSampleId :  
 B1MSD

Tot Ion: 82 Resp: 1411485  
 Ion Ratio Lower Upper  
 82 100  
 128 41.0 29.7 44.5  
 54 40.9 43.1 64.7#

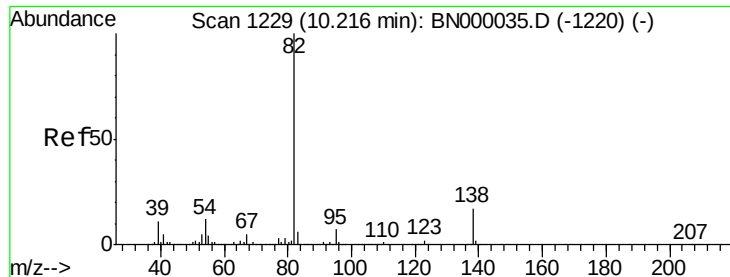


#24  
 Nitrobenzene  
 Concen: 26.775 ng  
 RT: 9.67 min Scan# 1136  
 Delta R.T. -0.02 min  
 Lab File: BN000260.D  
 Acq: 06 Mar 2018 13:06

Tgt Ion: 77 Resp: 644752  
 Ion Ratio Lower Upper  
 77 100  
 123 44.0 33.0 49.6  
 65 12.5 13.0 19.6#







#25

Isophorone

Concen: 26.639 ng

RT: 10.19 min Scan# 1224

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

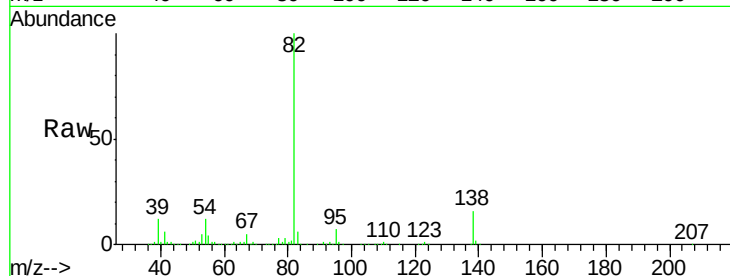
Tot Ion: 82 Resp: 1212968

Ion Ratio Lower Upper

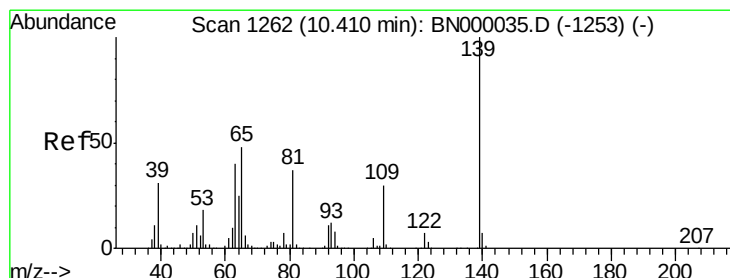
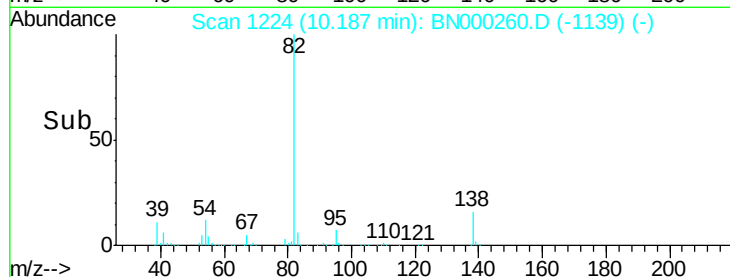
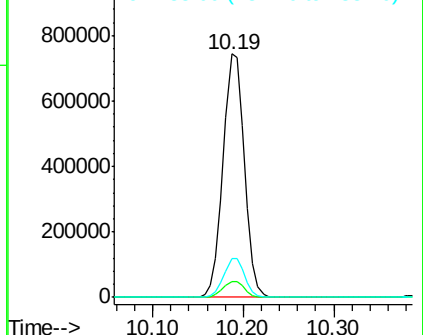
82 100

95 6.6 6.2 9.2

138 15.7 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BN0  
Ion 95.00 (94.70 to 95.70): BN0  
Ion 138.00 (137.70 to 138.70): BN0



#26

2-Nitrophenol

Concen: 28.686 ng

RT: 10.39 min Scan# 1258

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

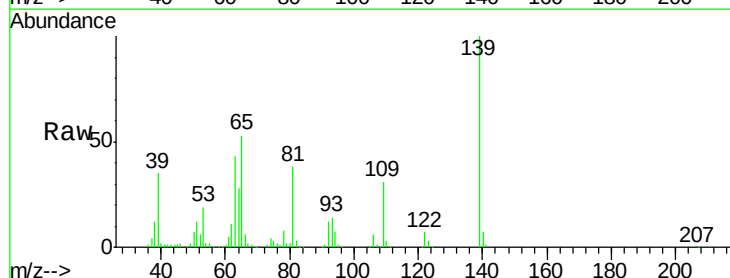
Tgt Ion: 139 Resp: 249481

Ion Ratio Lower Upper

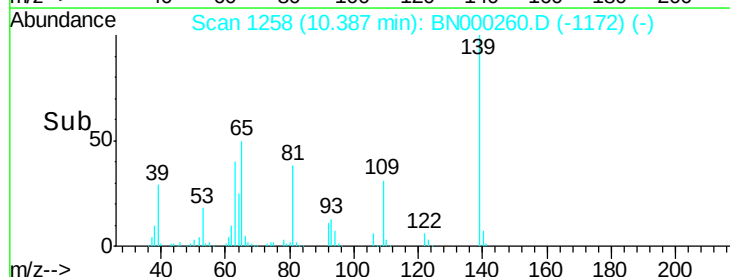
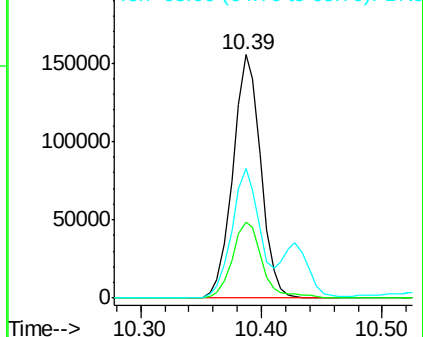
139 100

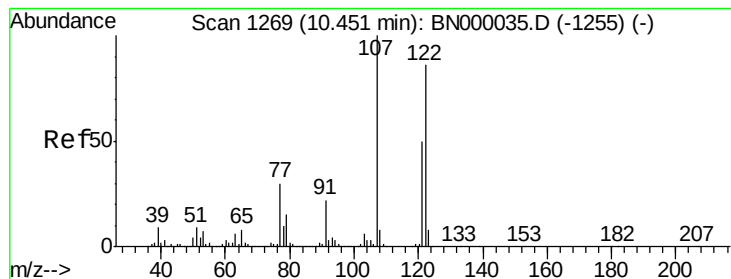
109 31.2 24.2 36.2

65 53.3 47.4 71.0



Abundance Ion 139.00 (138.70 to 139.70): BN0  
Ion 109.00 (108.70 to 109.70): BN0  
Ion 65.00 (64.70 to 65.70): BN0





#27

2,4-Dimethylphenol

Concen: 29.446 ng

RT: 10.43 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

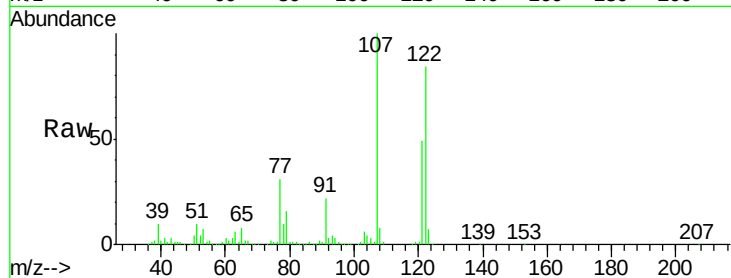
Tot Ion:122 Resp: 581255

Ion Ratio Lower Upper

122 100

107 119.7 100.2 150.2

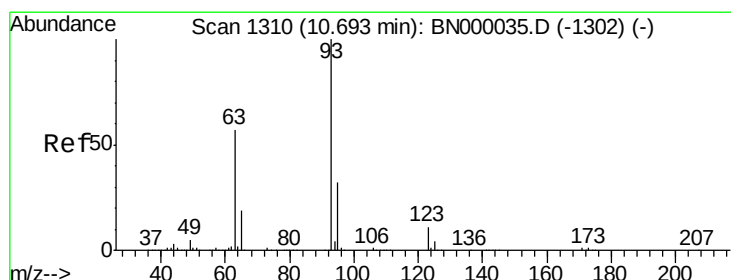
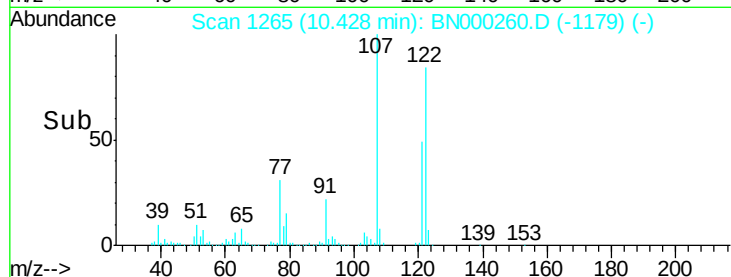
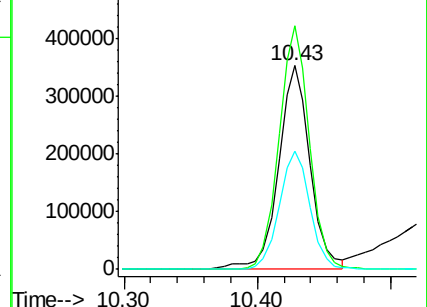
121 58.1 44.4 66.6



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: 26.552 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

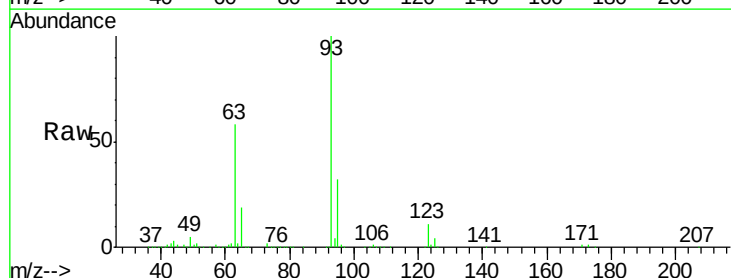
Tgt Ion: 93 Resp: 775379

Ion Ratio Lower Upper

93 100

95 31.8 24.3 36.5

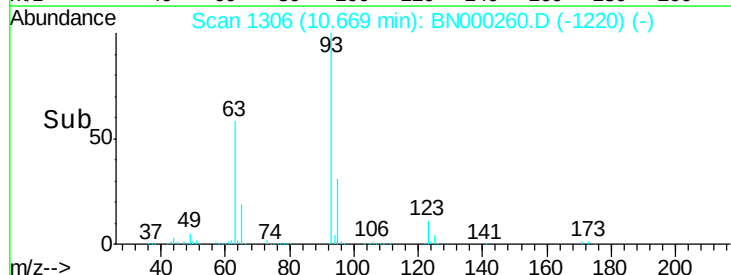
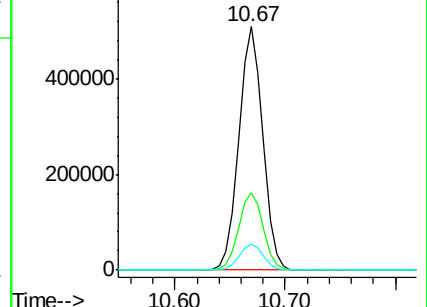
123 10.8 8.4 12.6

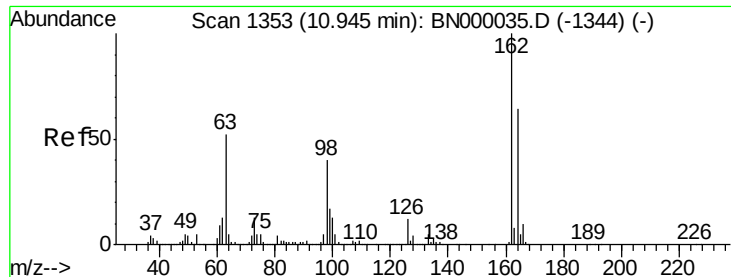


Abundance Ion 93.00 (92.70 to 93.70): BN0

Ion 95.00 (94.70 to 95.70): BN0

Ion 123.00 (122.70 to 123.70): E

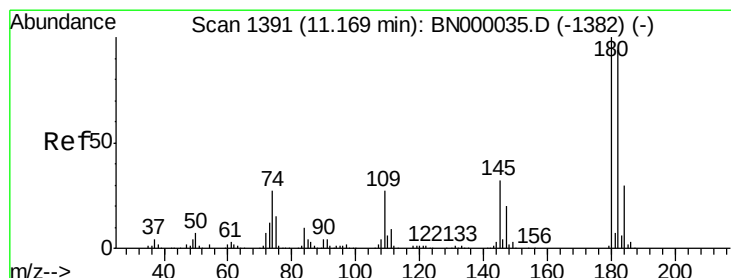
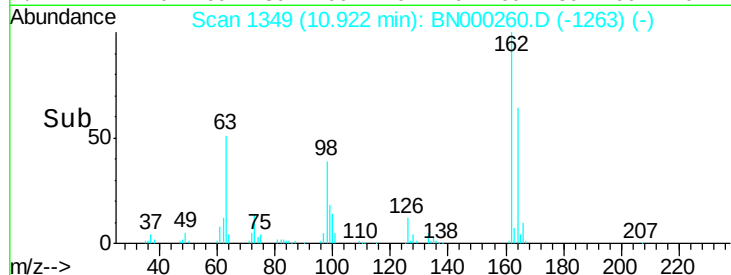
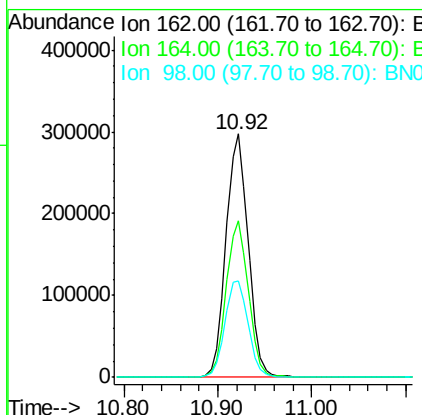
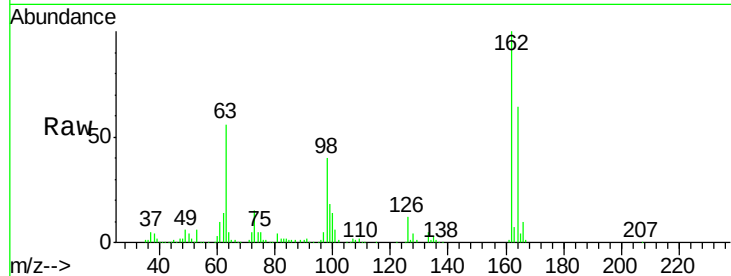




#29  
2,4-Dichlorophenol  
Concen: 26.857 ng  
RT: 10.92 min Scan# 1349  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

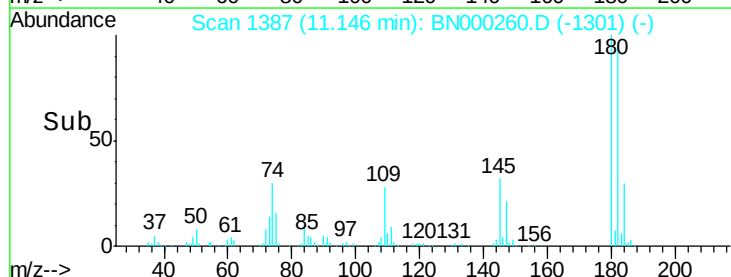
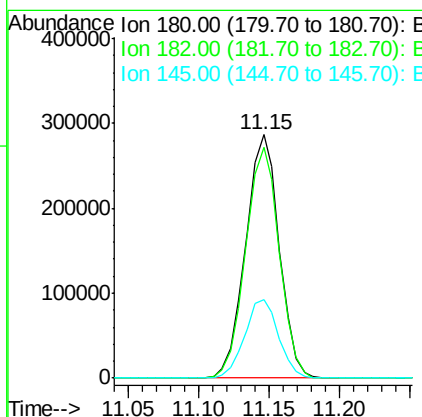
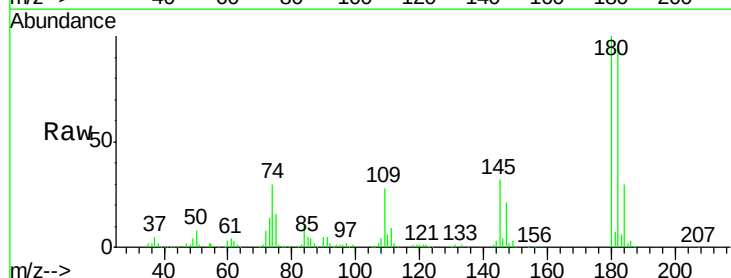
Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

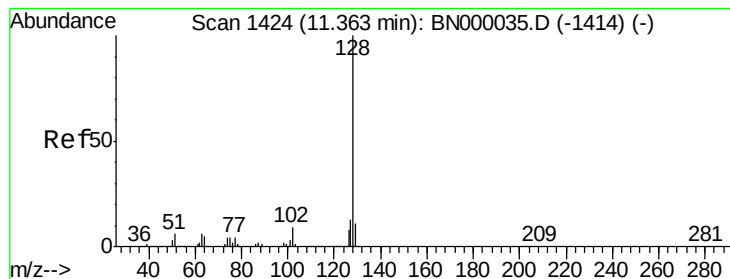
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.2  | 48.0  | 88.0  |
| 98      | 39.6  | 21.1  | 61.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 22.721 ng  
RT: 11.15 min Scan# 1387  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 77.5  | 116.3 |
| 145     | 32.3  | 23.4  | 35.2  |





#31

Naphthalene

Concen: 23.817 ng

RT: 11.34 min Scan# 1420

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

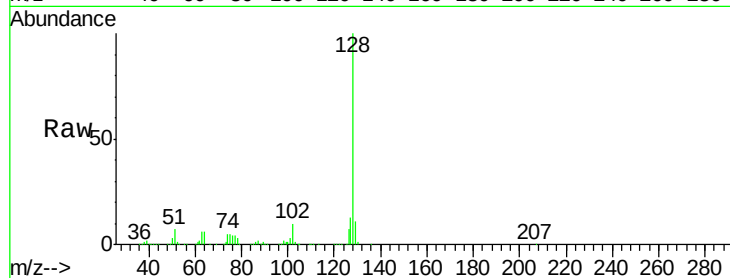
BNA\_N

ClientSampleId :

B1MSD

Tot Ion:128 Resp: 1710047

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 10.9  | 8.6   | 12.8  |
| 127 | 13.1  | 11.6  | 17.4  |

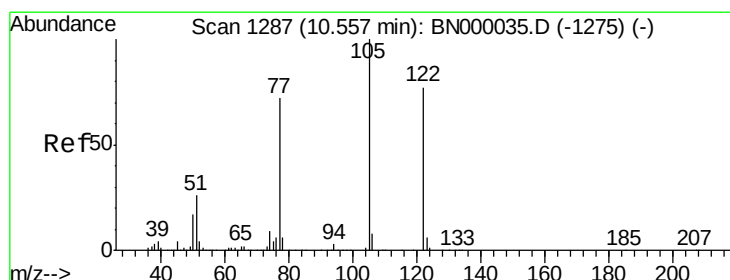
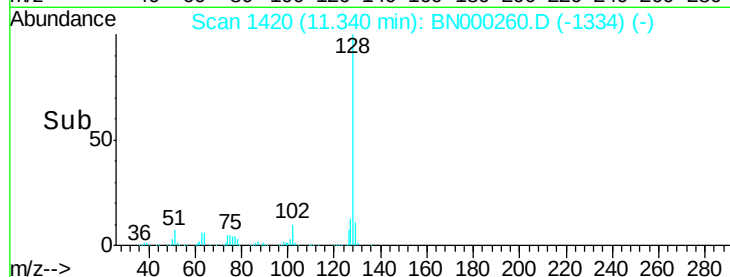
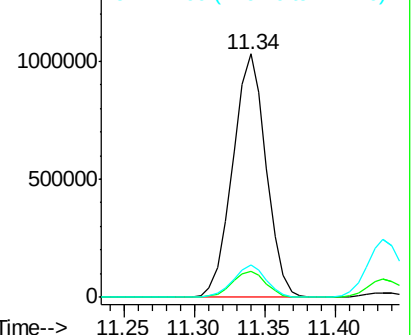


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 25.498 ng

RT: 10.53 min Scan# 1282

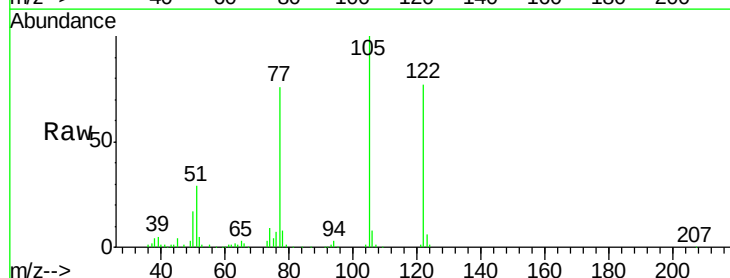
Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:122 Resp: 280900

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 129.8 | 123.5 | 163.5 |
| 77  | 99.1  | 85.7  | 125.7 |

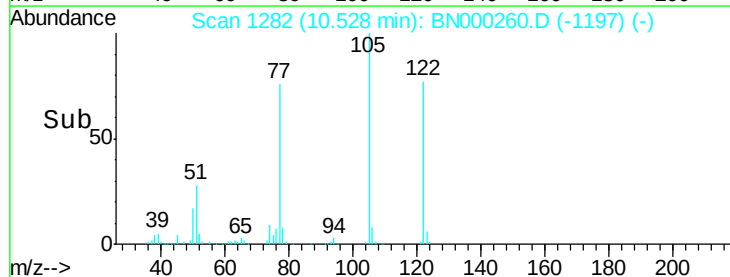
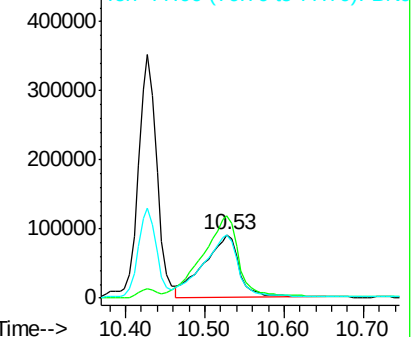


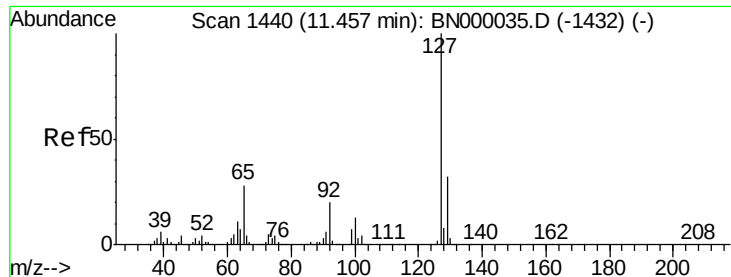
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

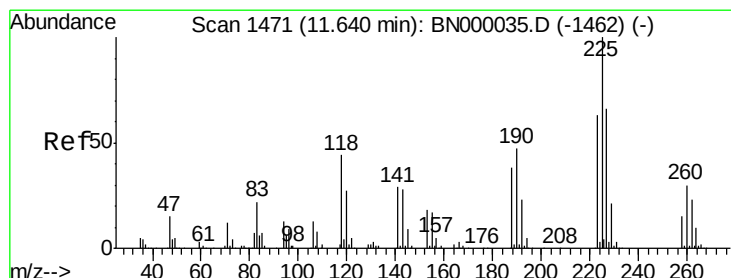
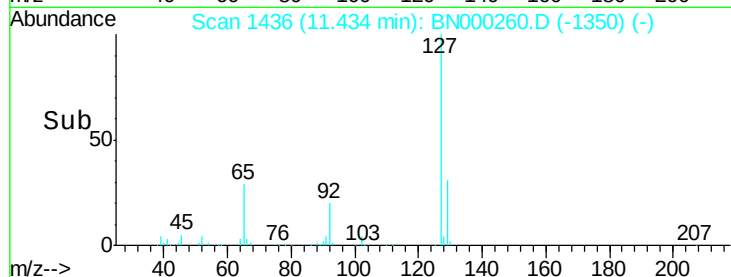
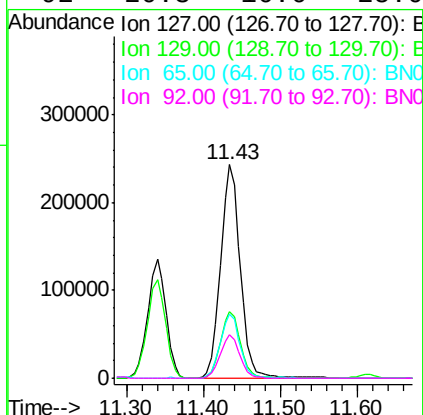
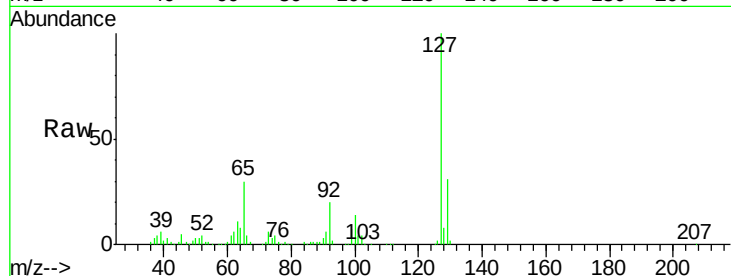




#33  
4-Chloroaniline  
Concen: 13.537 ng  
RT: 11.43 min Scan# 1436  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

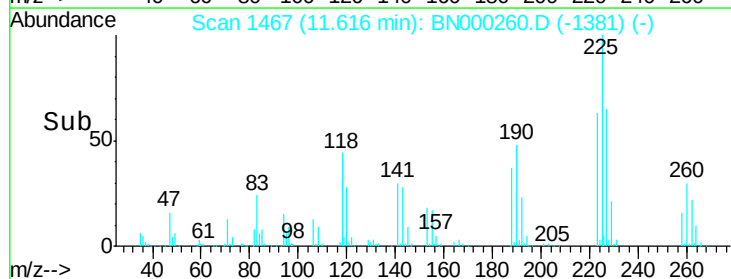
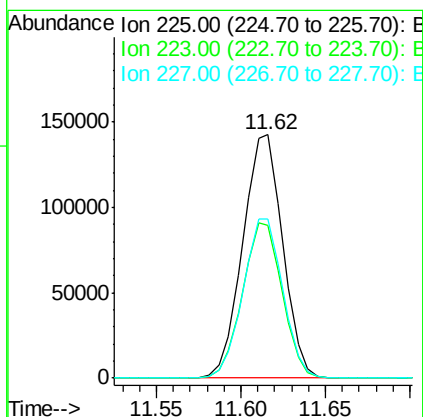
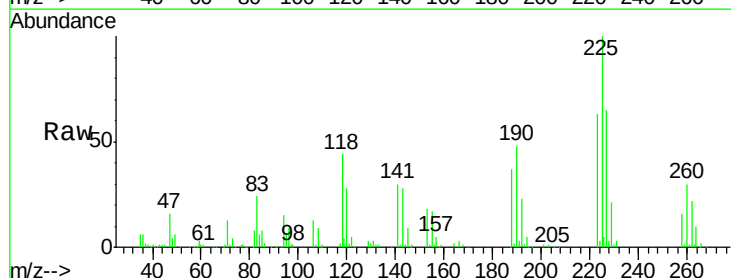
Instrument :  
BNA\_N  
ClientSampled :  
B1MSD

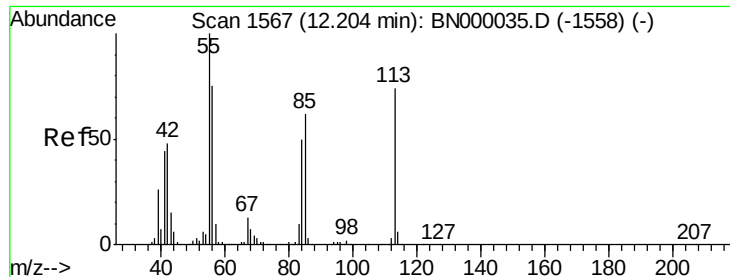
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 426978 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.3  | 24.0  | 36.0   |
| 65       | 29.7  | 27.0  | 40.4   |
| 92       | 20.3  | 16.6  | 25.0   |



#34  
Hexachlorobutadiene  
Concen: 21.502 ng  
RT: 11.62 min Scan# 1467  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 234567 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.9  | 49.7  | 74.5   |
| 227      | 65.3  | 48.1  | 72.1   |





#35

Caprolactam

Concen: 26.387 ng

RT: 12.19 min Scan# 1564

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

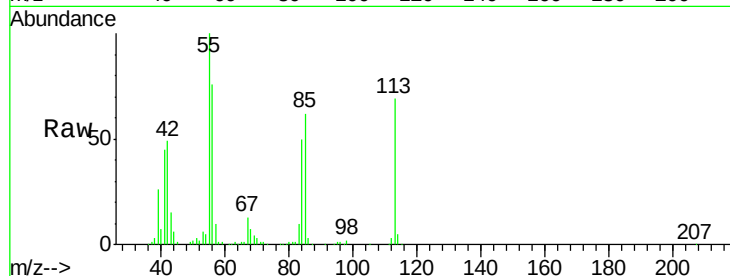
Tot Ion:113 Resp: 194941

Ion Ratio Lower Upper

113 100

55 145.4 120.0 160.0

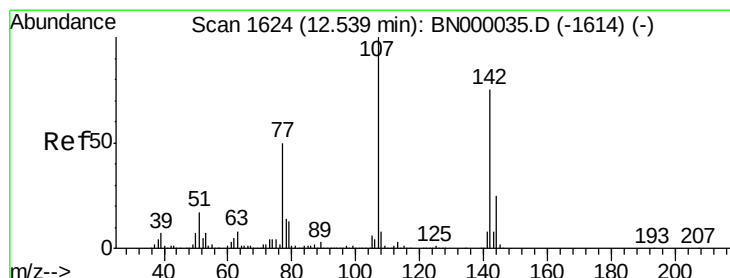
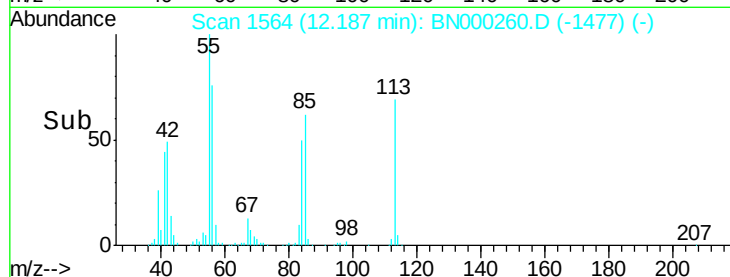
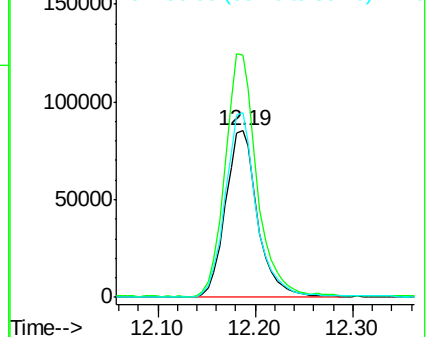
56 110.6 90.0 130.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 26.835 ng

RT: 12.52 min Scan# 1621

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

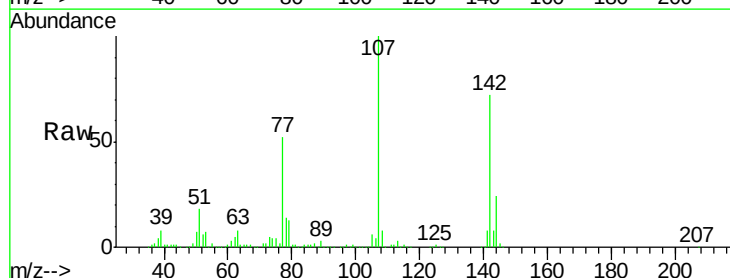
Tgt Ion:107 Resp: 622397

Ion Ratio Lower Upper

107 100

144 23.9 18.2 27.4

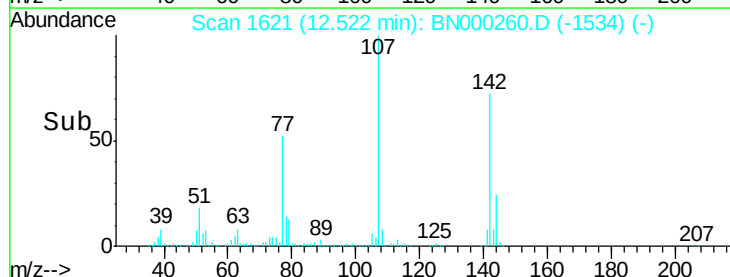
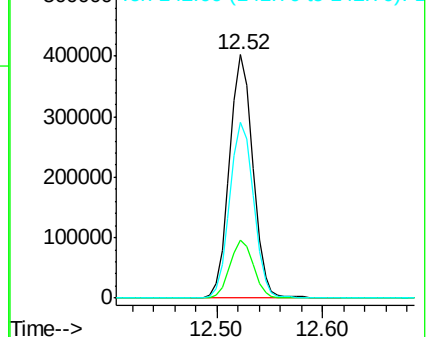
142 72.0 59.0 88.4

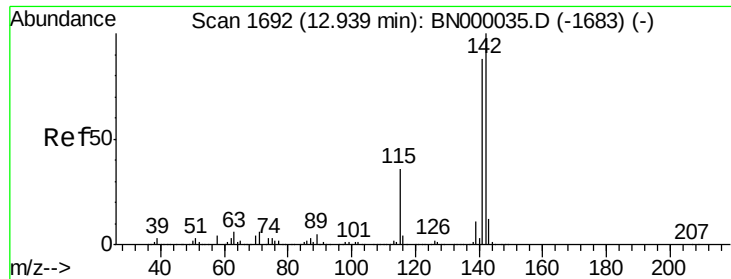


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

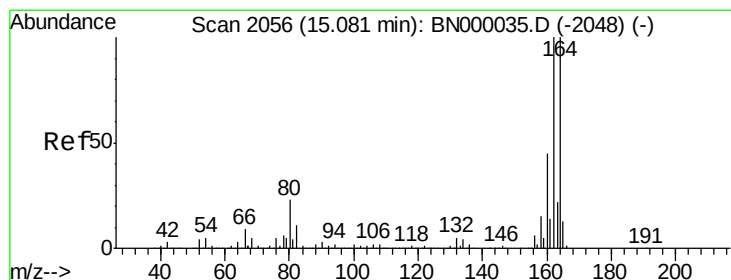
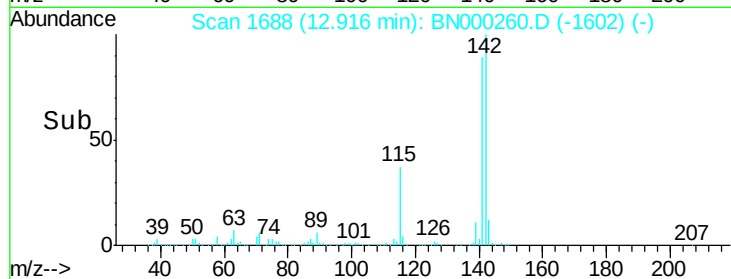
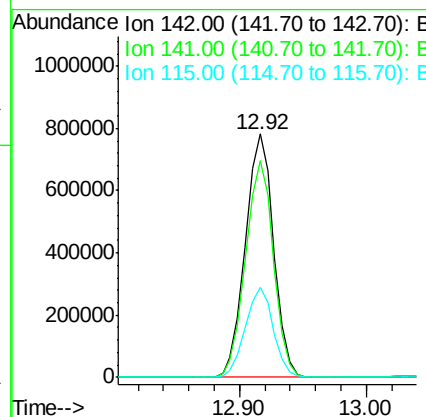
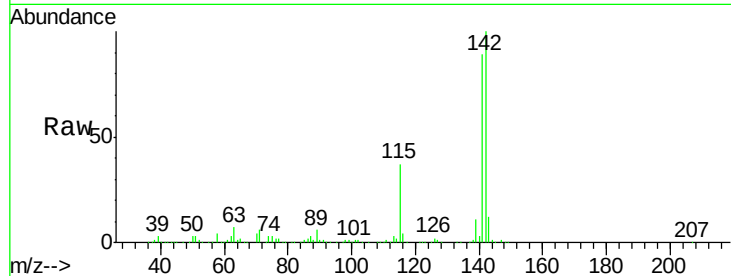




#37  
2-Methylnaphthalene  
Concen: 24.134 ng  
RT: 12.92 min Scan# 1688  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

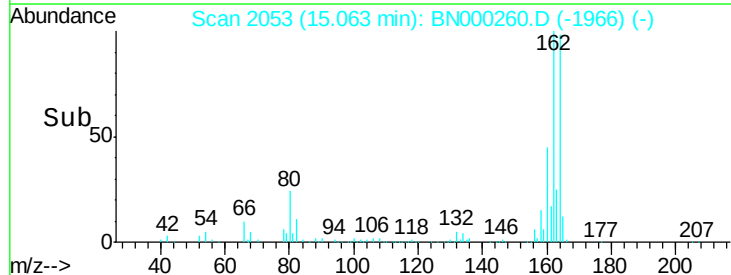
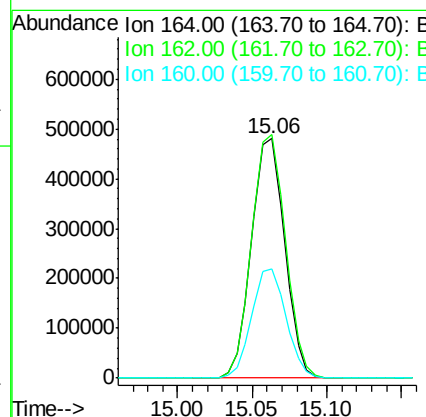
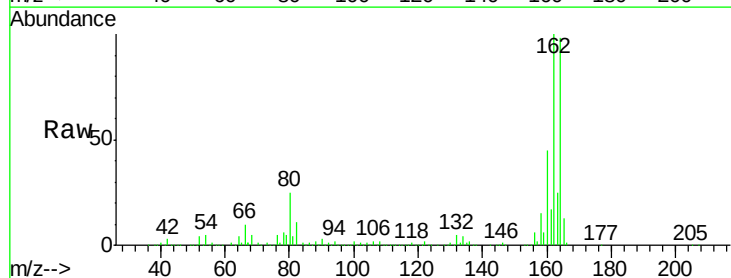
Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

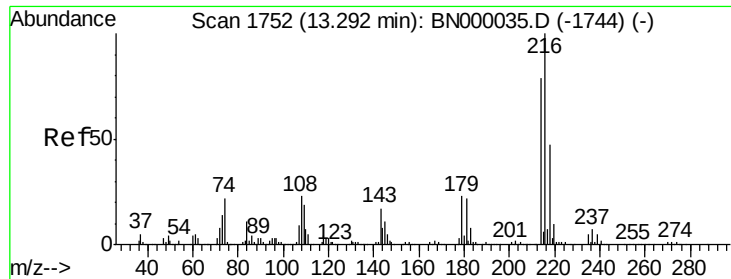
Tot Ion:142 Resp: 1205639  
Ion Ratio Lower Upper  
142 100  
141 88.9 67.1 100.7  
115 37.0 30.7 46.1



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.06 min Scan# 2053  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Tgt Ion:164 Resp: 739237  
Ion Ratio Lower Upper  
164 100  
162 101.8 78.8 118.2  
160 45.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 23.012 ng

RT: 13.27 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

Tot Ion:216 Resp: 502128

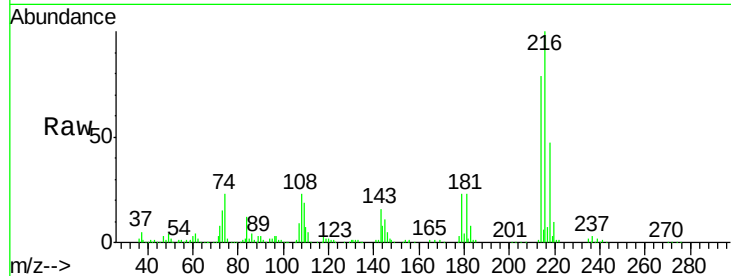
Ion Ratio Lower Upper

216 100

214 79.6 63.0 94.4

179 23.4 17.0 25.6

108 26.5 12.8 19.2#

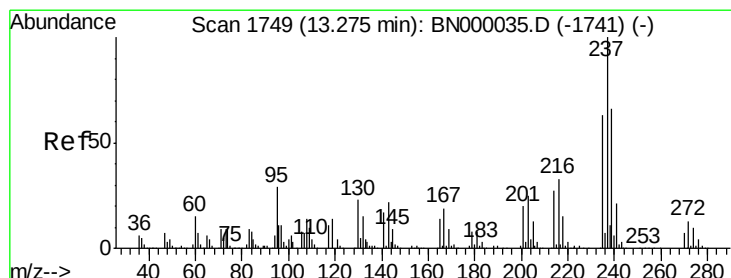
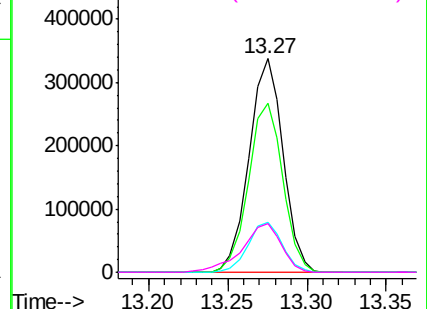
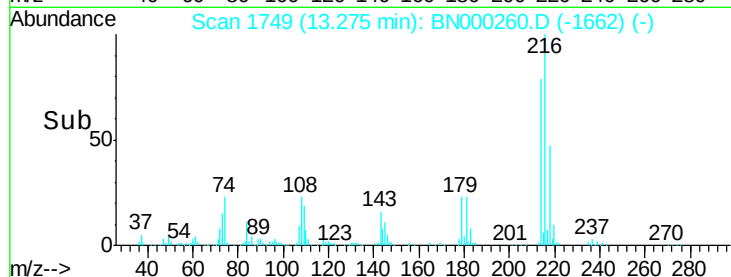


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 41.491 ng

RT: 13.25 min Scan# 1745

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

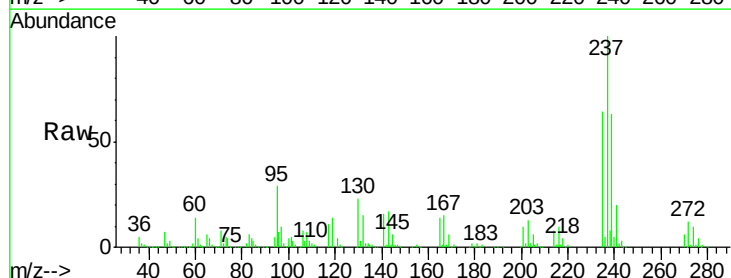
Tgt Ion:237 Resp: 377382

Ion Ratio Lower Upper

237 100

235 64.1 50.4 90.4

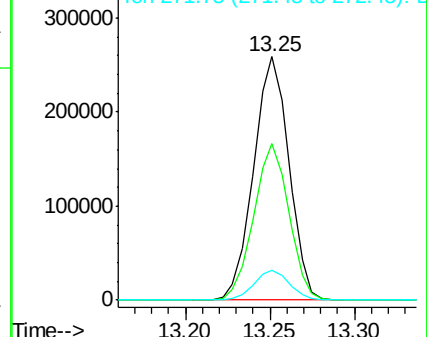
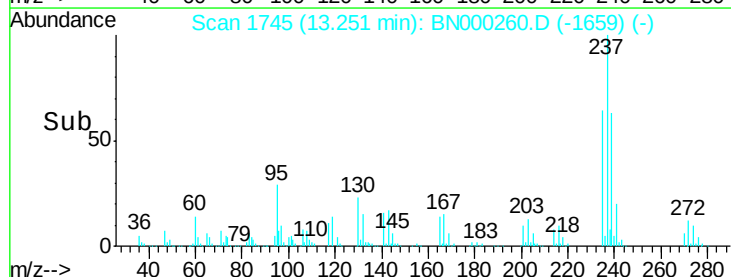
272 12.0 0.0 31.8



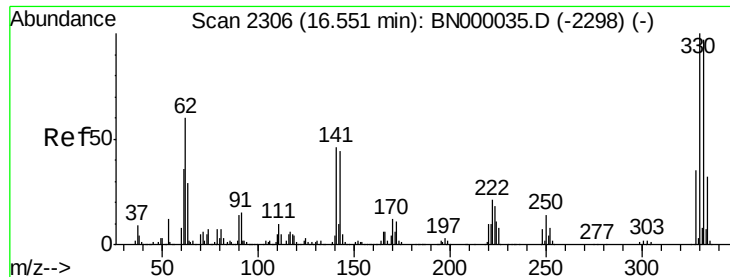
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







#41

2,4,6-Tribromophenol

Concen: 87.570 ng

RT: 16.53 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

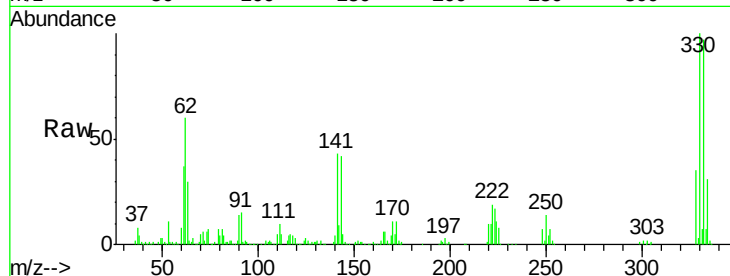
Tot Ion:330 Resp: 640780

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

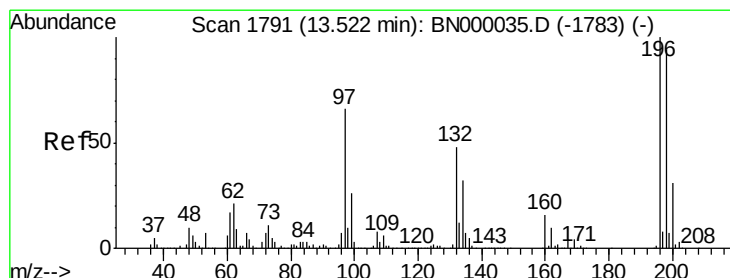
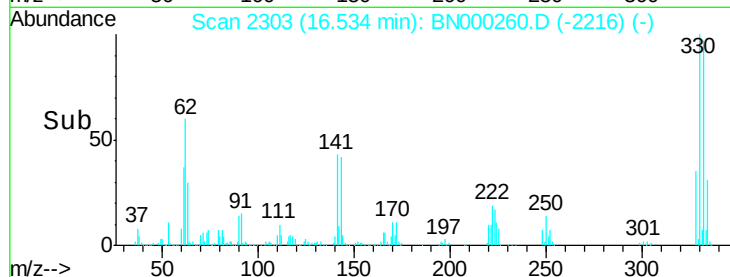
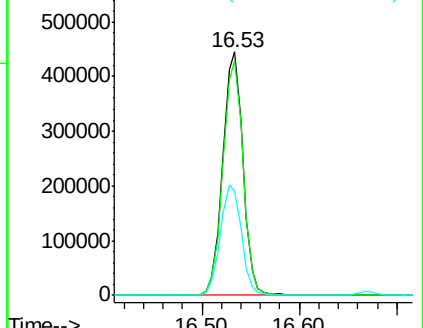
141 47.4 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 27.000 ng

RT: 13.50 min Scan# 1788

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

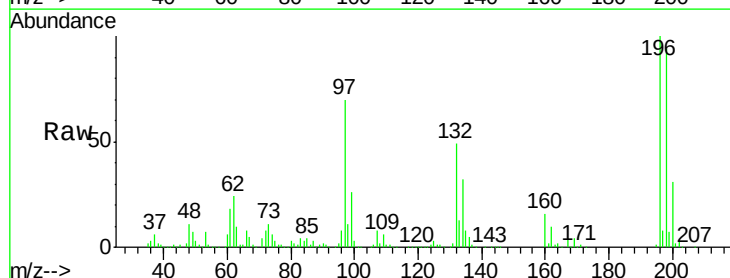
Tgt Ion:196 Resp: 353100

Ion Ratio Lower Upper

196 100

198 94.4 78.2 117.2

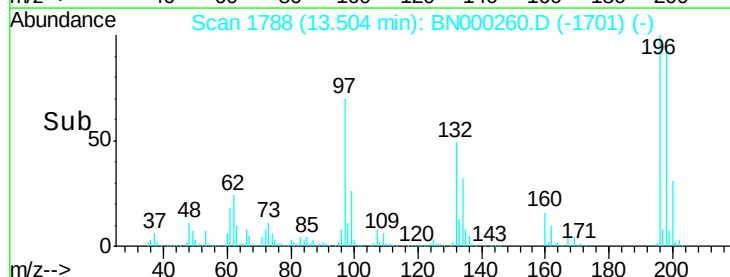
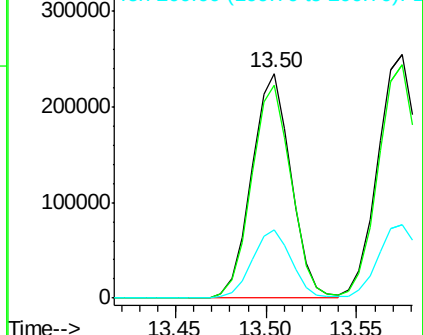
200 30.6 24.6 36.8

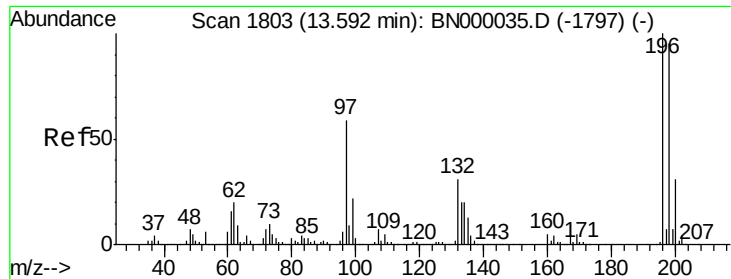


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

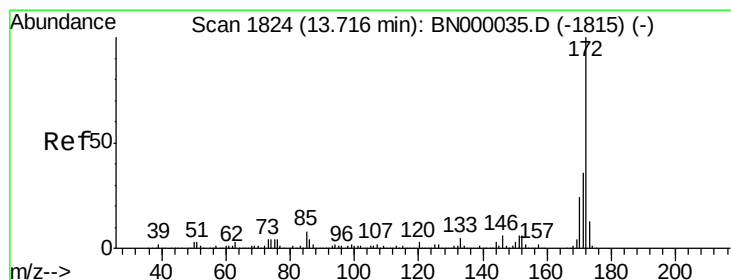
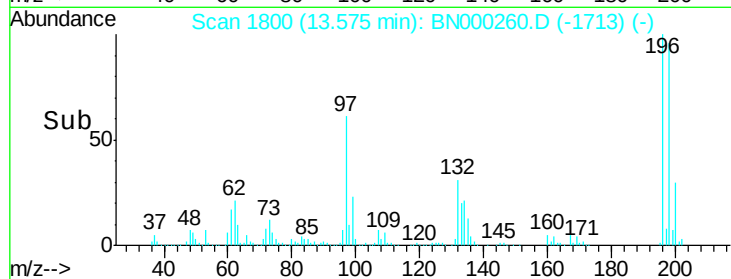
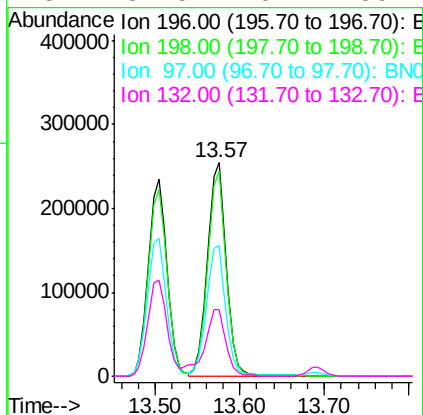
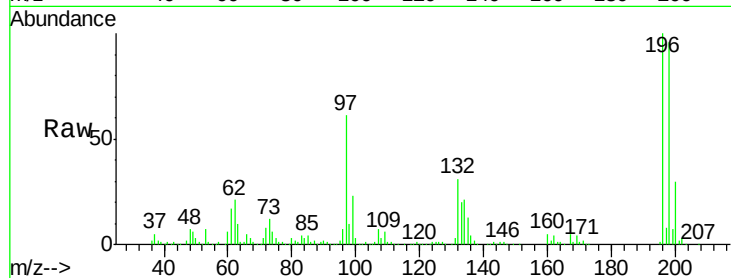




#43  
2,4,5-Trichlorophenol  
Concen: 25.605 ng  
RT: 13.57 min Scan# 1800  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

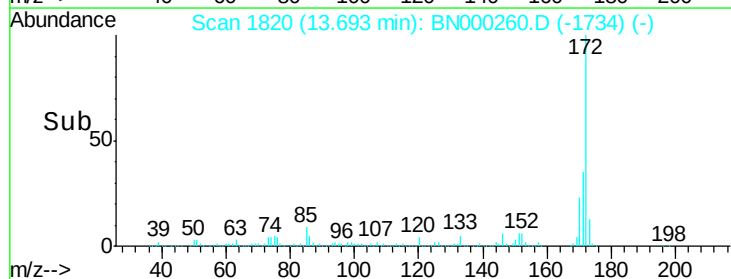
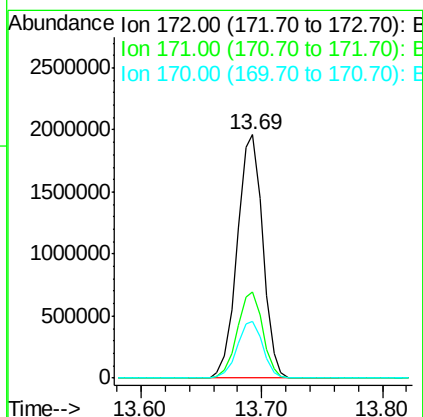
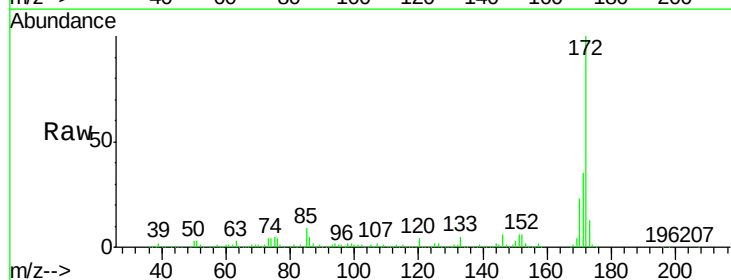
Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

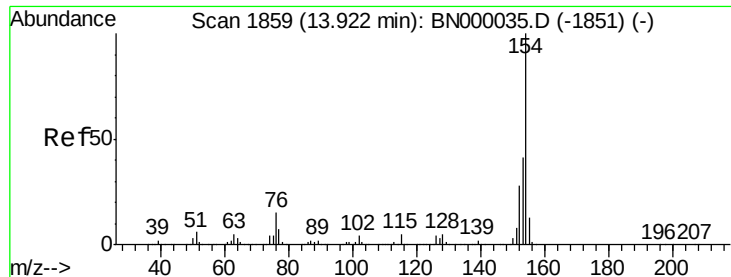
Tot Ion:196 Resp: 402543  
Ion Ratio Lower Upper  
196 100  
198 96.1 76.2 114.4  
97 61.4 38.7 58.1#  
132 31.5 20.2 30.2#



#44  
2-Fluorobiphenyl  
Concen: 55.037 ng  
RT: 13.69 min Scan# 1820  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Tgt Ion:172 Resp: 2886671  
Ion Ratio Lower Upper  
172 100  
171 35.4 30.0 45.0  
170 23.5 19.5 29.3





#45

1,1'-Biphenyl

Concen: 23.423 ng

RT: 13.90 min Scan# 1856

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

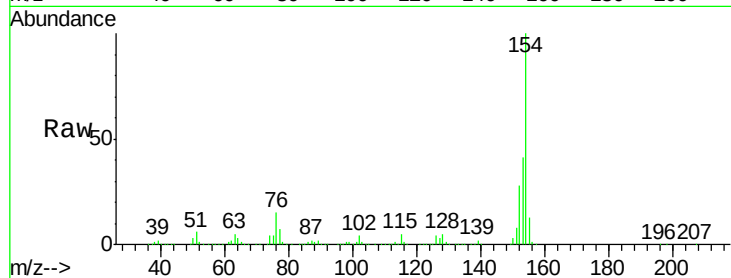
Tot Ion:154 Resp: 1524970

Ion Ratio Lower Upper

154 100

153 40.7 19.8 59.8

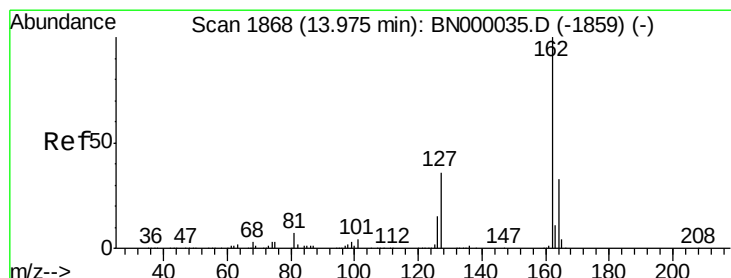
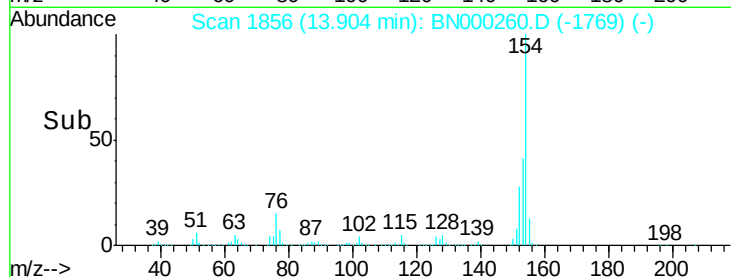
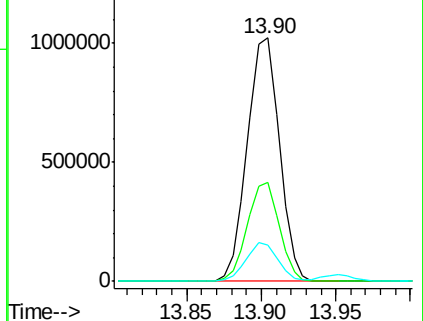
76 15.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 23.879 ng

RT: 13.95 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

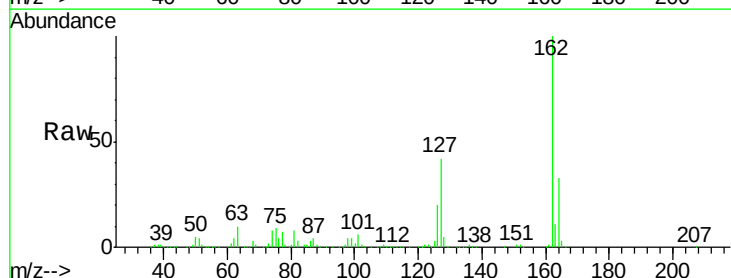
Tgt Ion:162 Resp: 1166521

Ion Ratio Lower Upper

162 100

127 41.8 30.7 46.1

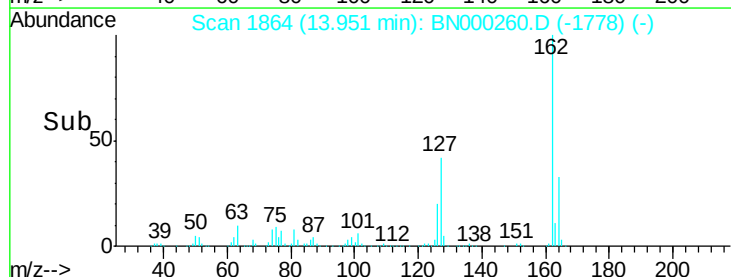
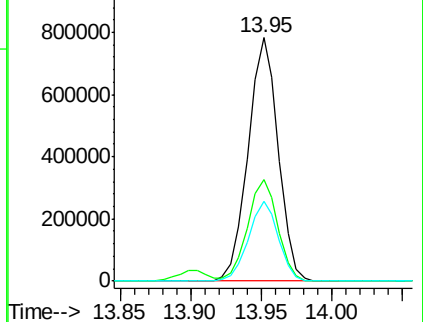
164 32.6 26.0 39.0

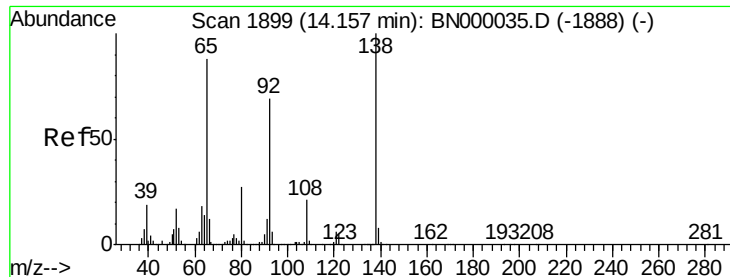


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 29.026 ng

RT: 14.14 min Scan# 1896

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

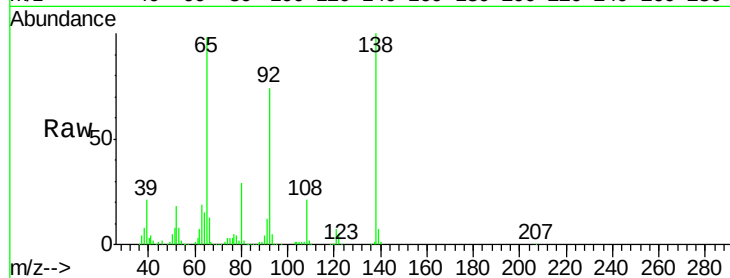
Tot Ion: 65 Resp: 385146

Ion Ratio Lower Upper

65 100

92 75.3 54.6 82.0

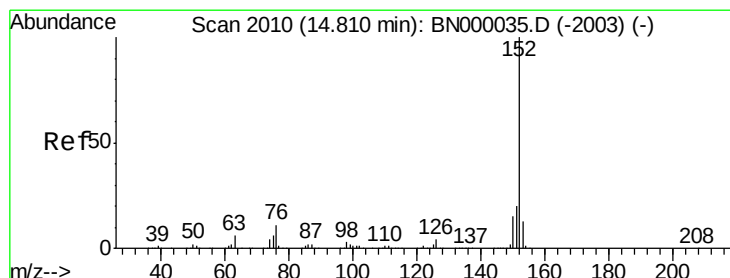
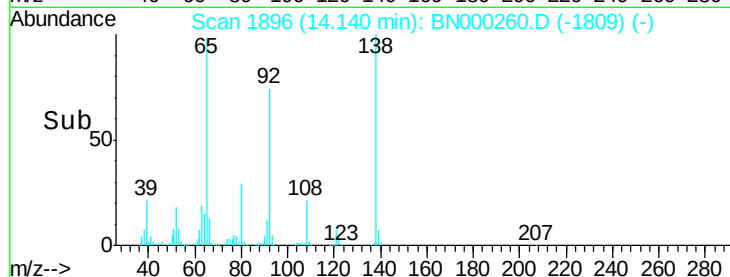
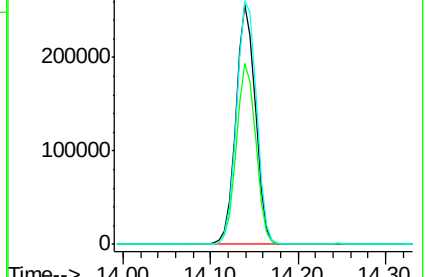
138 101.5 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BN000035.D (-1888) (-)

Ion 92.00 (91.70 to 92.70): BN000035.D (-1888) (-)

Ion 138.00 (137.70 to 138.70): BN000035.D (-1888) (-)



#48

Acenaphthylene

Concen: 23.948 ng

RT: 14.79 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

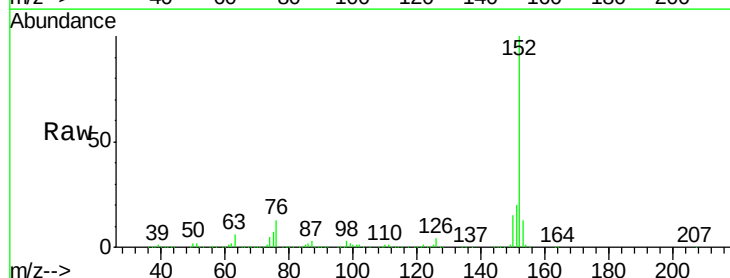
Tgt Ion: 152 Resp: 1884857

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

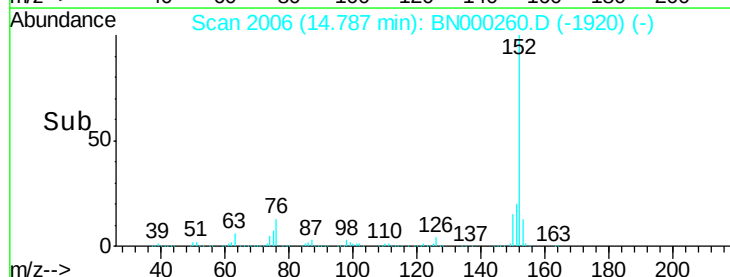
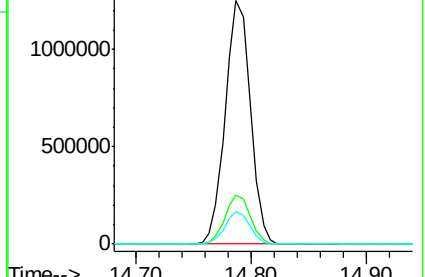
153 13.4 10.2 15.4

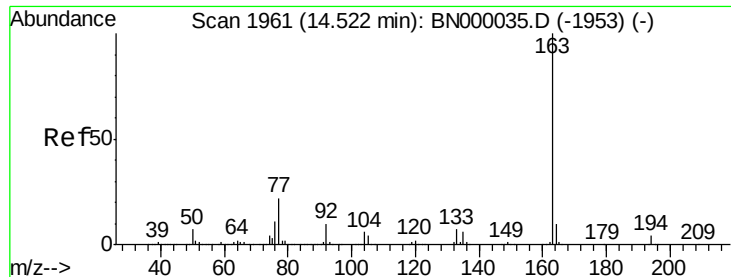


Abundance Ion 152.00 (151.70 to 152.70): BN000035.D (-2003) (-)

Ion 151.00 (150.70 to 151.70): BN000035.D (-2003) (-)

Ion 153.00 (152.70 to 153.70): BN000035.D (-2003) (-)





#49

Dimethylphthalate

Concen: 23.867 ng

RT: 14.50 min Scan# 1957

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampled :

B1MSD

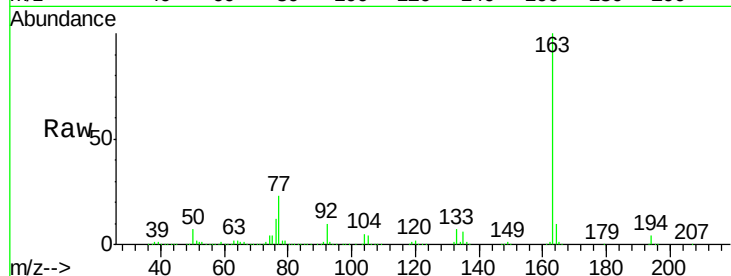
Tot Ion:163 Resp: 1474879

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

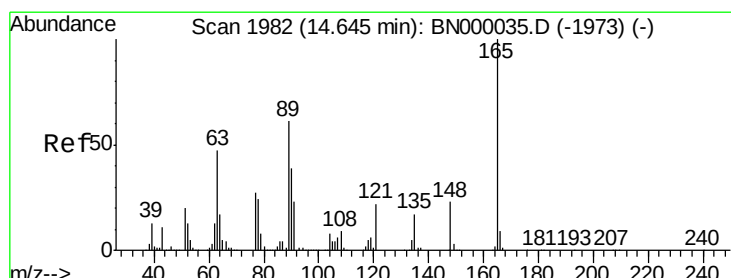
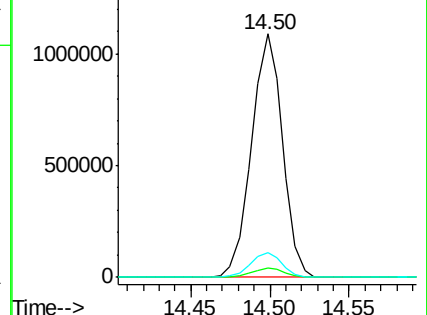
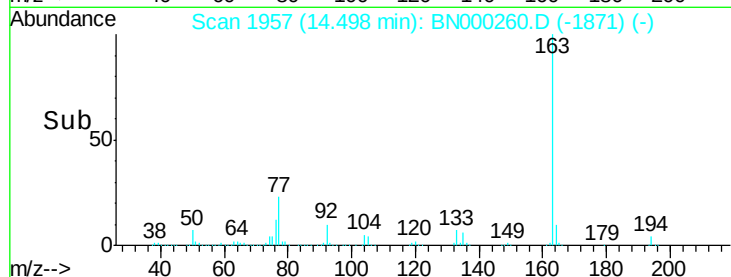
164 9.9 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 24.547 ng

RT: 14.62 min Scan# 1978

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

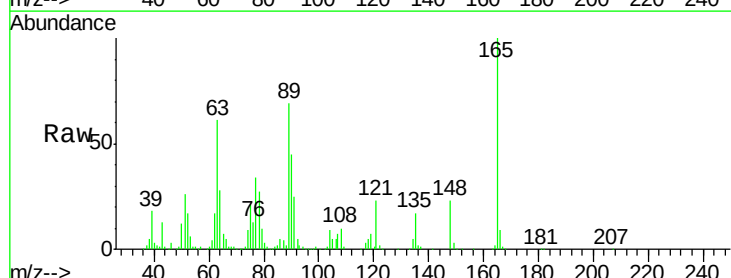
Tgt Ion:165 Resp: 313150

Ion Ratio Lower Upper

165 100

63 61.3 52.7 79.1

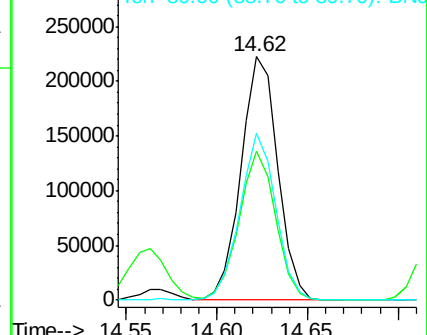
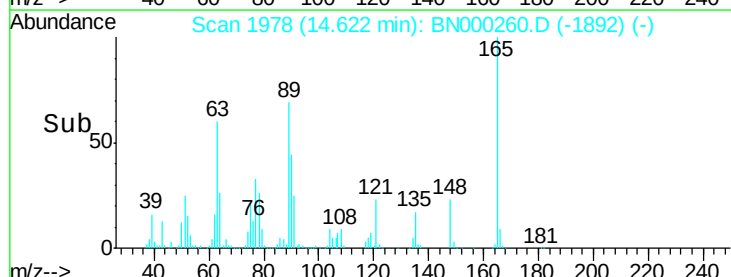
89 68.5 49.2 73.8

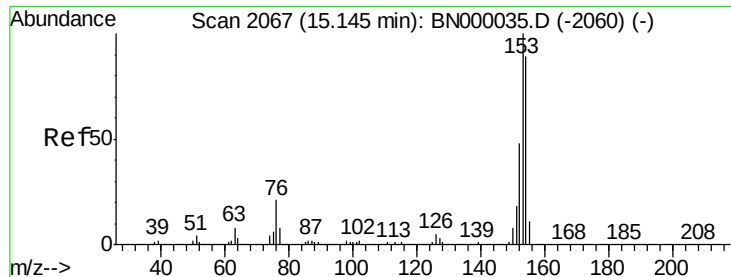


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

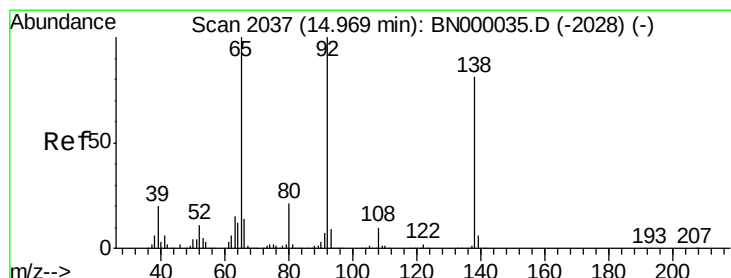
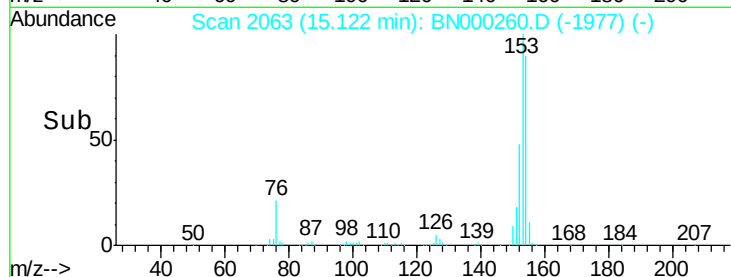
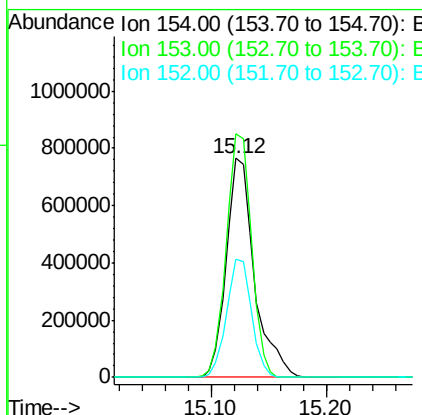
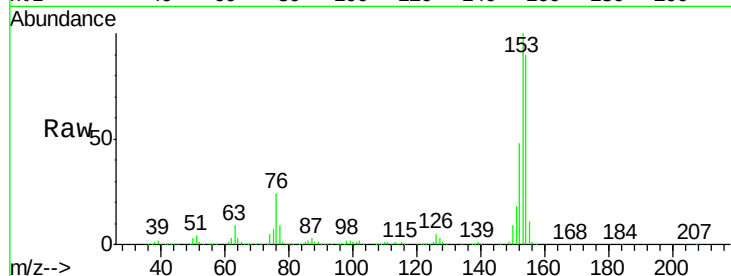




#51  
Acenaphthene  
Concen: 25.297 ng  
RT: 15.12 min Scan# 2063  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

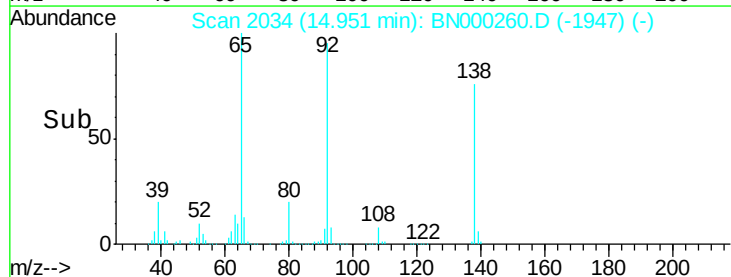
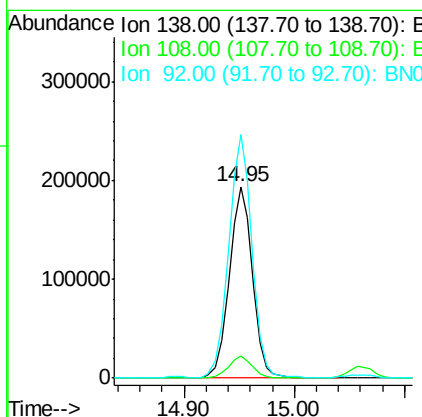
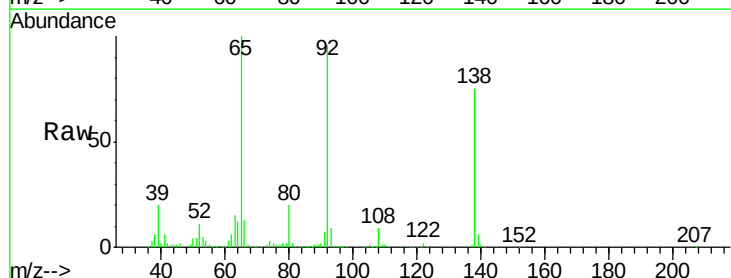
Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

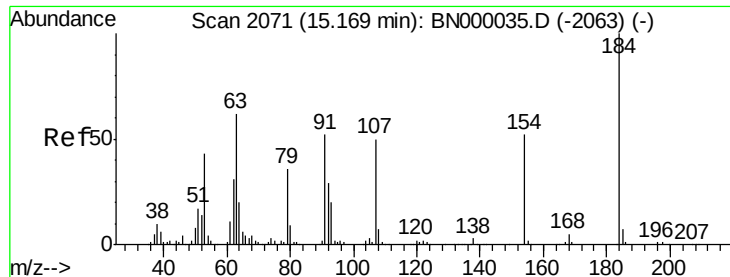
Tot Ion:154 Resp: 1296009  
Ion Ratio Lower Upper  
154 100  
153 111.0 90.4 135.6  
152 53.8 41.6 62.4



#52  
3-Nitroaniline  
Concen: 18.374 ng  
RT: 14.95 min Scan# 2034  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Tgt Ion:138 Resp: 284932  
Ion Ratio Lower Upper  
138 100  
108 11.4 17.5 26.3#  
92 127.1 105.8 158.8

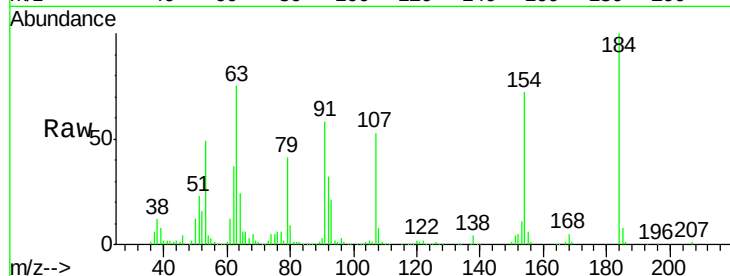




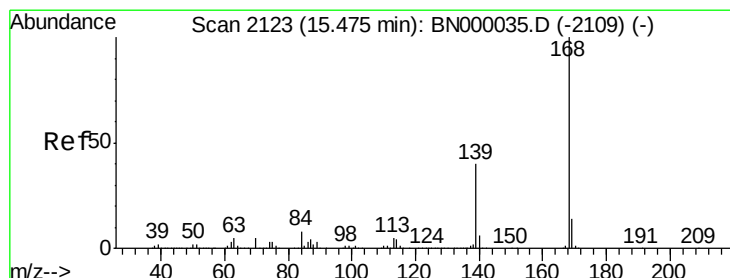
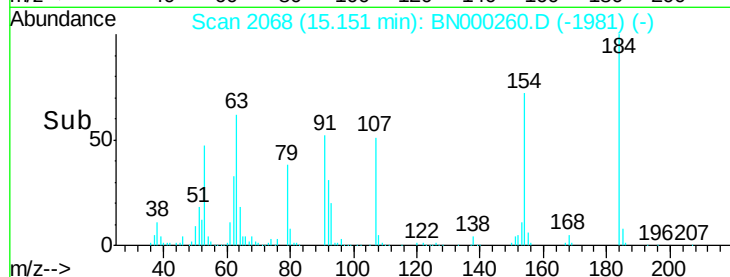
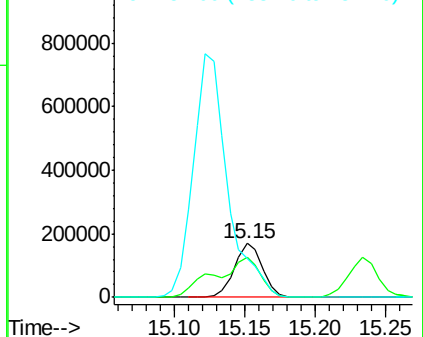
#53  
2,4-Dinitrophenol  
Concen: 55.650 ng  
RT: 15.15 min Scan# 2068  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

Tot Ion:184 Resp: 237434  
Ion Ratio Lower Upper  
184 100  
63 75.4 80.0 120.0#  
154 71.8 308.0 462.0#

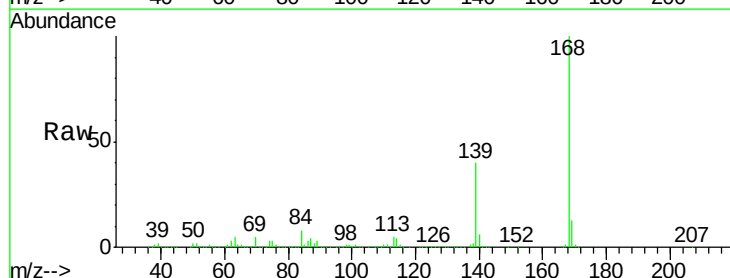


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BNO  
Ion 154.00 (153.70 to 154.70): E

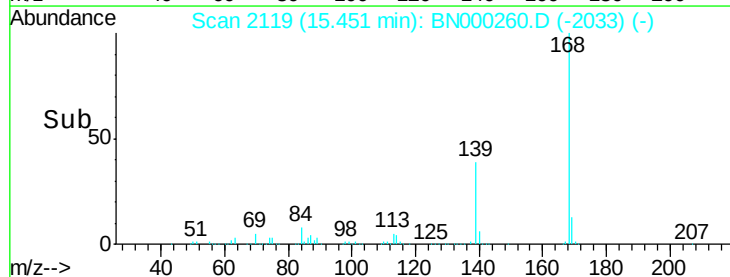
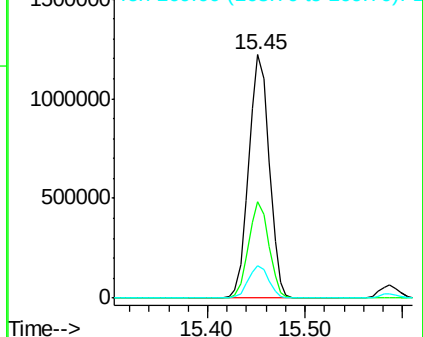


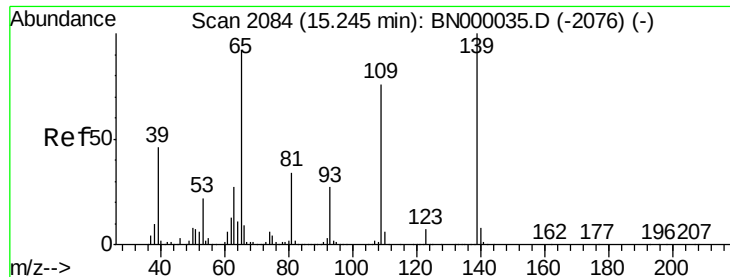
#54  
Dibenzofuran  
Concen: 24.611 ng  
RT: 15.45 min Scan# 2119  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Tgt Ion:168 Resp: 1785664  
Ion Ratio Lower Upper  
168 100  
139 39.6 28.6 43.0  
169 13.5 11.2 16.8



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

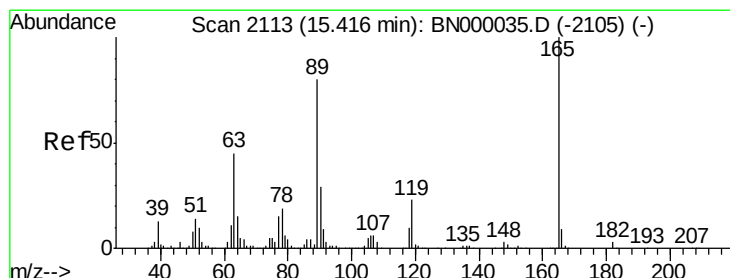
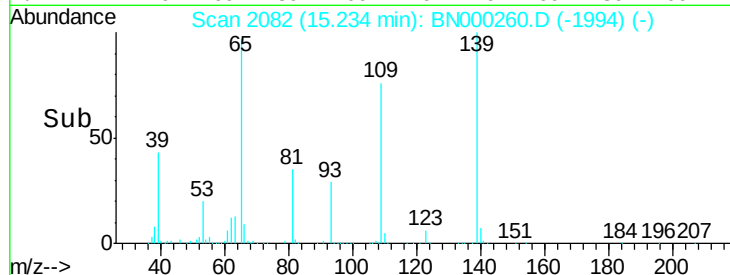
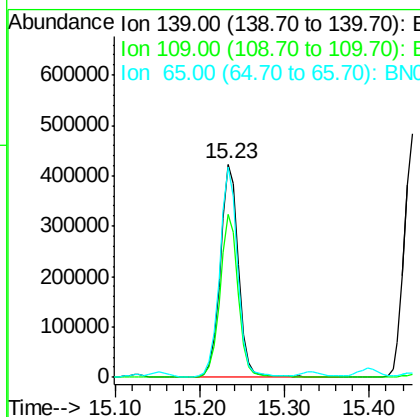
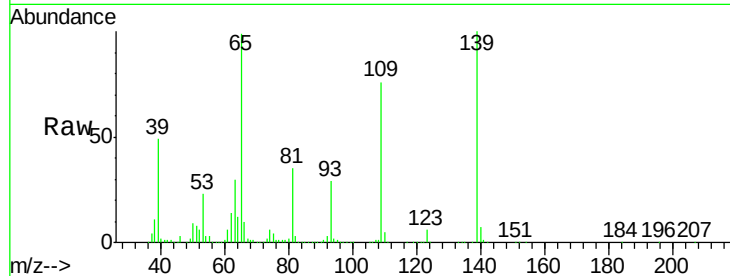




#55  
4-Nitrophenol  
Concen: 51.880 ng  
RT: 15.23 min Scan# 2082  
Delta R.T. -0.01 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

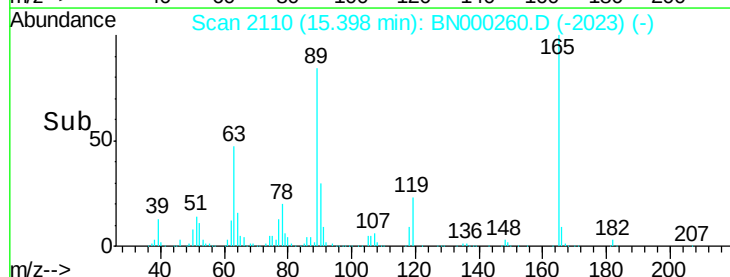
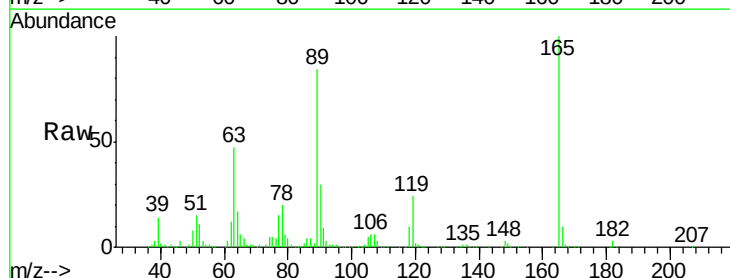
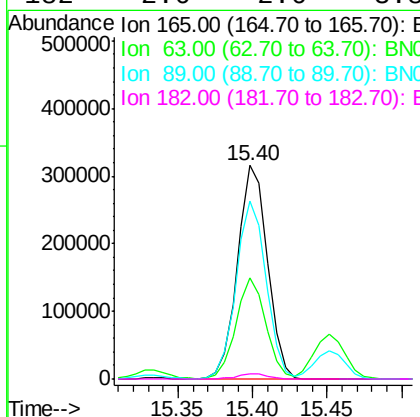
Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 76.4  | 62.2  | 102.2 |
| 65      | 98.6  | 97.2  | 137.2 |

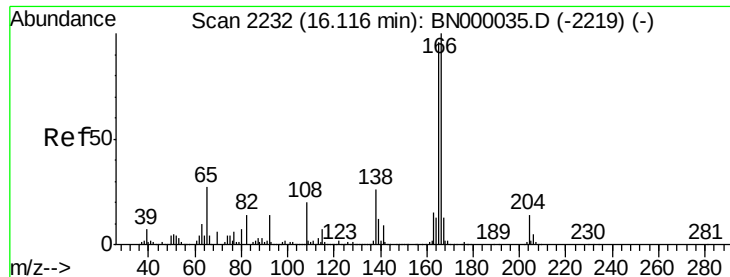


#56  
2,4-Dinitrotoluene  
Concen: 26.206 ng  
RT: 15.40 min Scan# 2110  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.5  | 42.0  | 63.0  |
| 89      | 83.6  | 66.9  | 100.3 |
| 182     | 2.6   | 2.6   | 3.8   |







#57

Fluorene

Concen: 24.300 ng

RT: 16.10 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

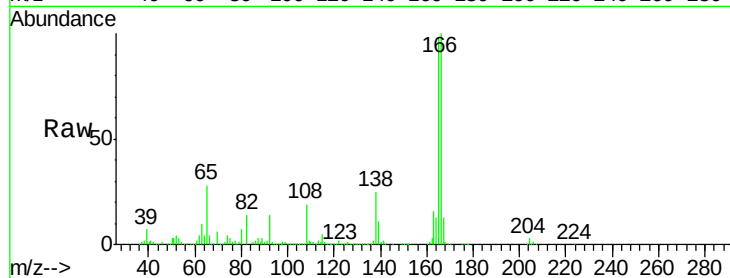
Tot Ion:166 Resp: 1439628

Ion Ratio Lower Upper

166 100

165 97.6 80.6 121.0

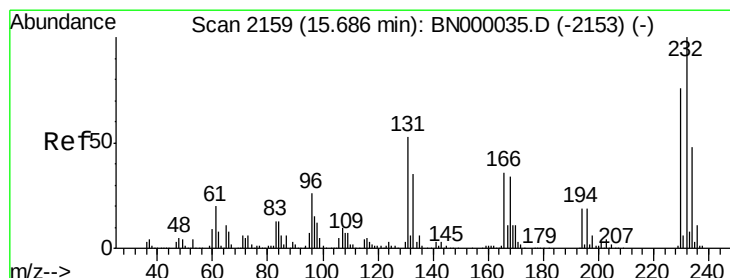
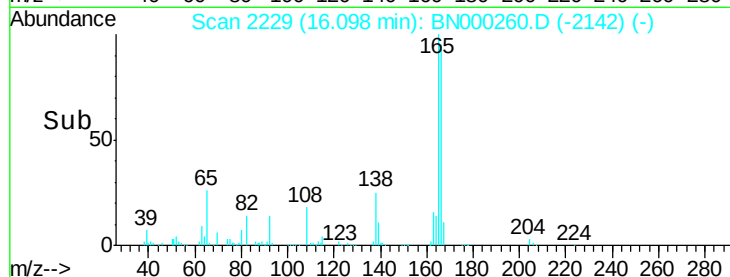
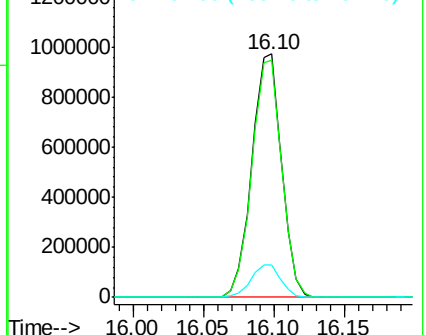
167 13.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 26.931 ng

RT: 15.67 min Scan# 2156

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Tgt Ion:232 Resp: 334142

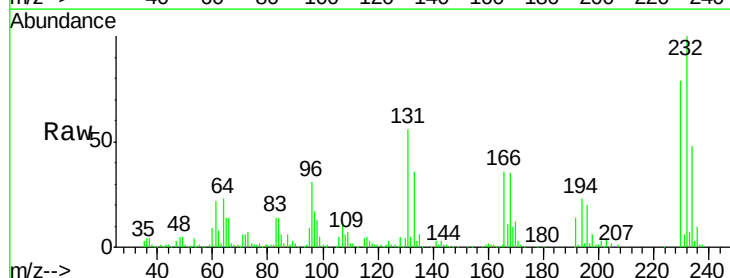
Ion Ratio Lower Upper

232 100

131 59.2 33.5 50.3#

130 6.6 2.2 3.2#

166 37.3 24.8 37.2#

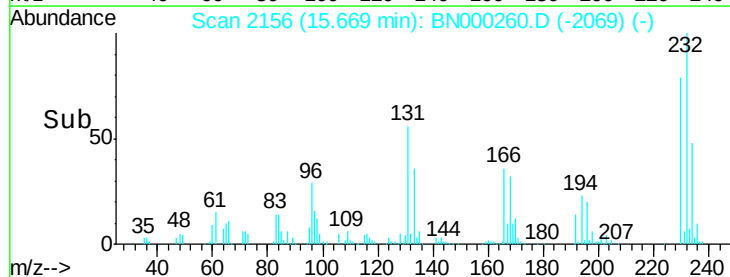
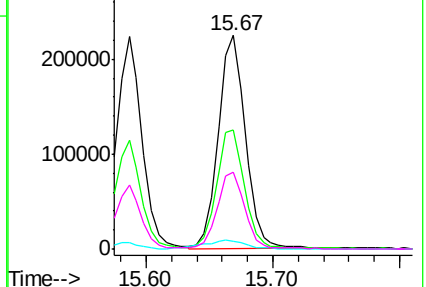


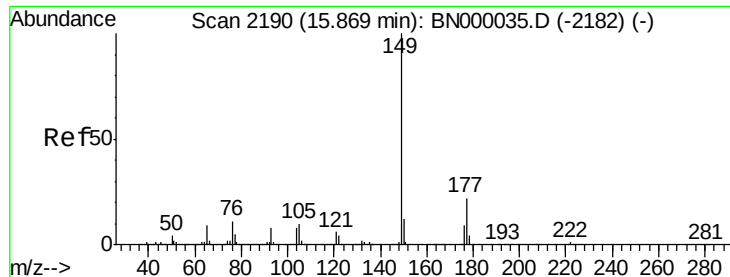
Abundance Ion 232.00 (231.70 to 232.70): E

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

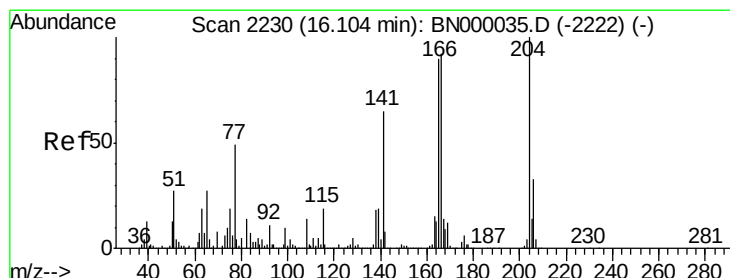
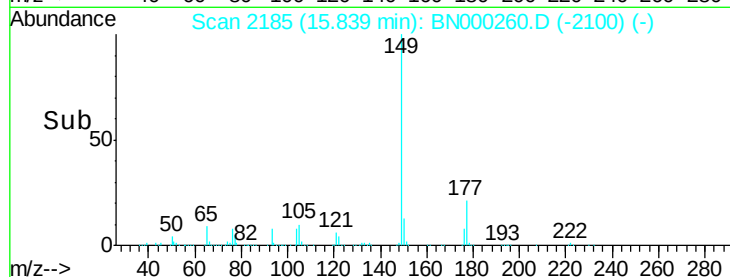
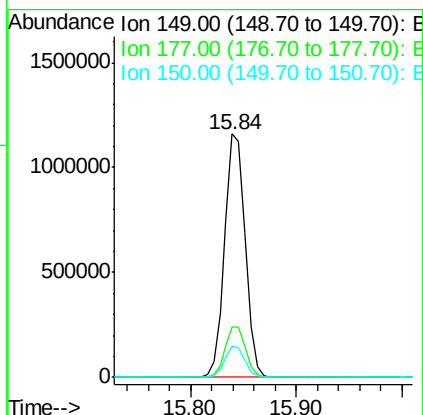
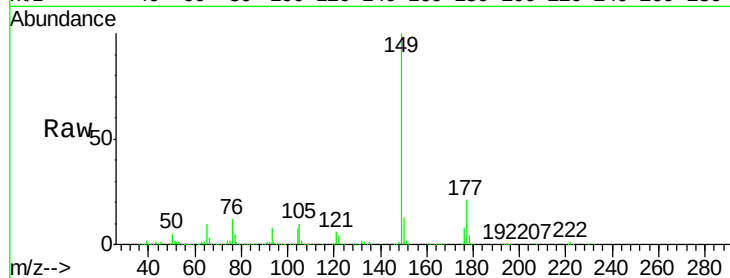




#59  
Diethylphthalate  
Concen: 24.858 ng  
RT: 15.84 min Scan# 2185  
Delta R.T. -0.03 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

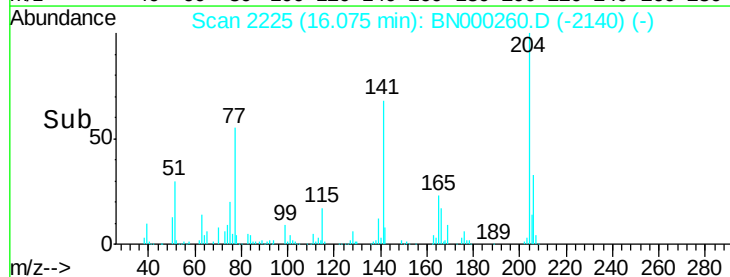
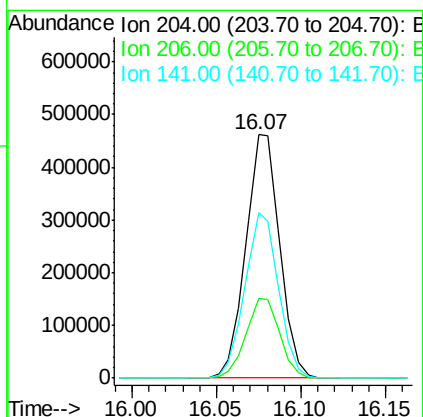
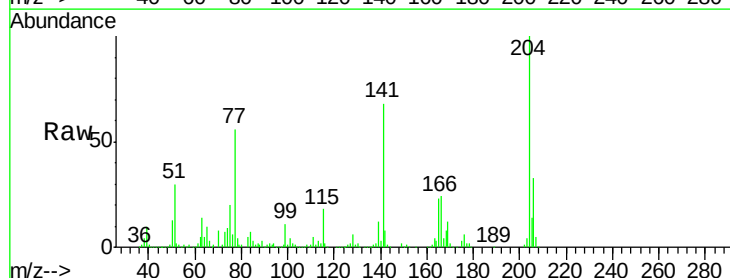
Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

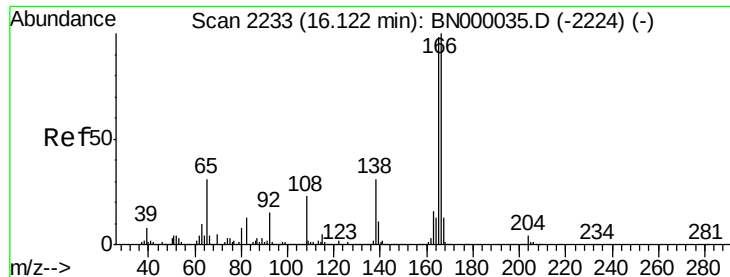
Tot Ion:149 Resp: 1561032  
Ion Ratio Lower Upper  
149 100  
177 20.7 18.5 27.7  
150 12.5 10.2 15.2



#60  
4-Chlorophenyl-phenylether  
Concen: 23.901 ng  
RT: 16.07 min Scan# 2225  
Delta R.T. -0.03 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Tgt Ion:204 Resp: 645298  
Ion Ratio Lower Upper  
204 100  
206 32.6 26.2 39.2  
141 68.1 45.8 68.6

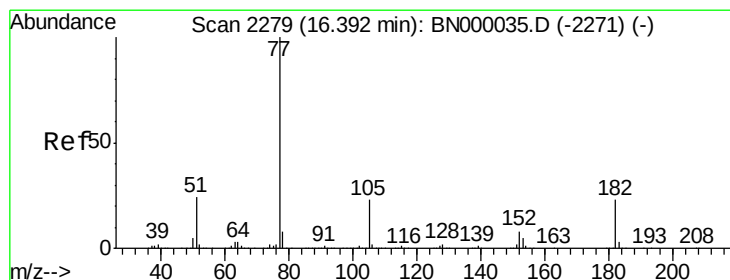
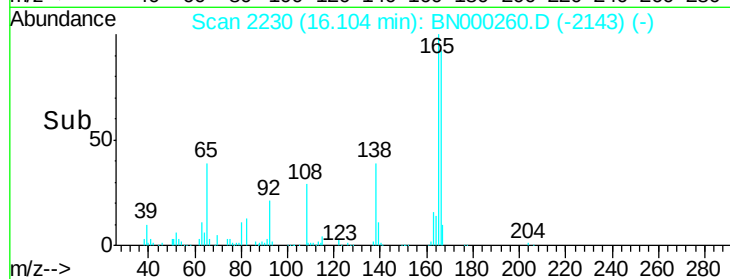
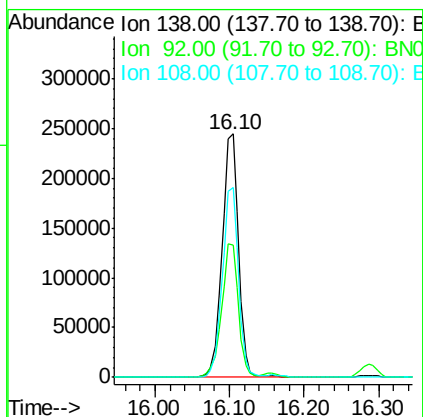
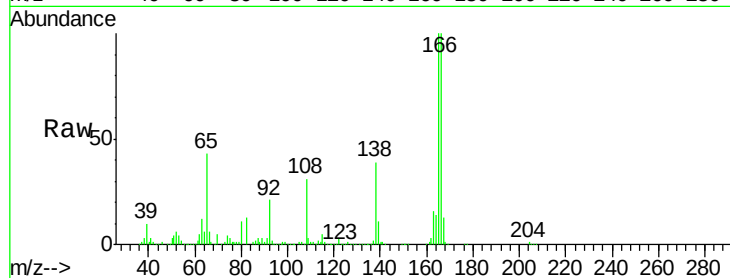




#61  
4-Nitroaniline  
Concen: 23.614 ng  
RT: 16.10 min Scan# 2230  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

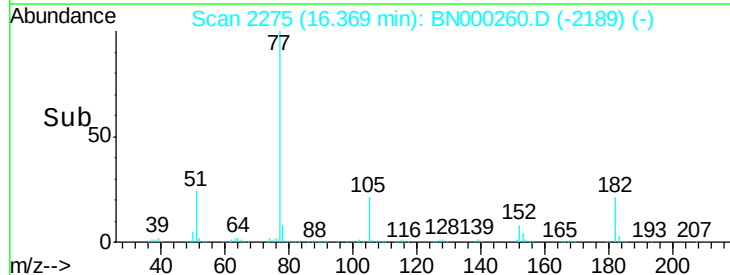
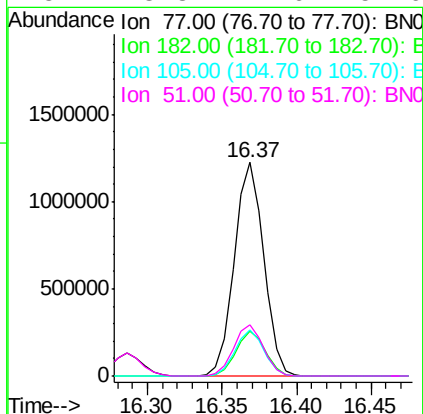
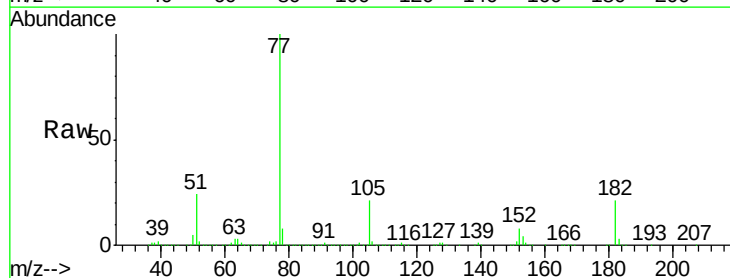
Instrument :  
BNA\_N  
ClientSampleId :  
B1MSD

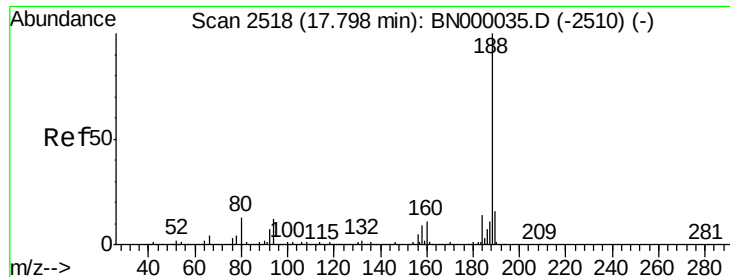
Tot Ion:138 Resp: 376258  
Ion Ratio Lower Upper  
138 100  
92 54.3 40.1 80.1  
108 78.1 65.4 105.4



#62  
Azobenzene  
Concen: 26.868 ng  
RT: 16.37 min Scan# 2275  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Tgt Ion: 77 Resp: 1679581  
Ion Ratio Lower Upper  
77 100  
182 20.9 7.4 47.4  
105 21.4 0.3 40.3  
51 23.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.78 min Scan# 2515

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

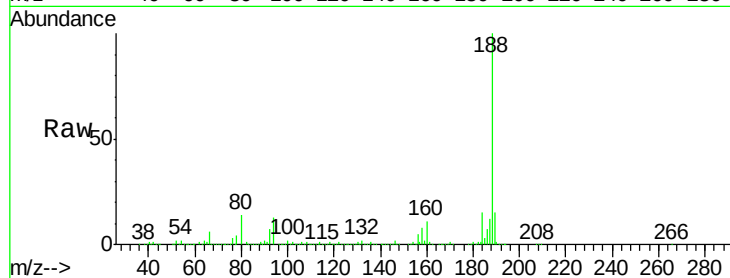
Tot Ion:188 Resp: 1546824

Ion Ratio Lower Upper

188 100

94 12.8 6.9 10.3#

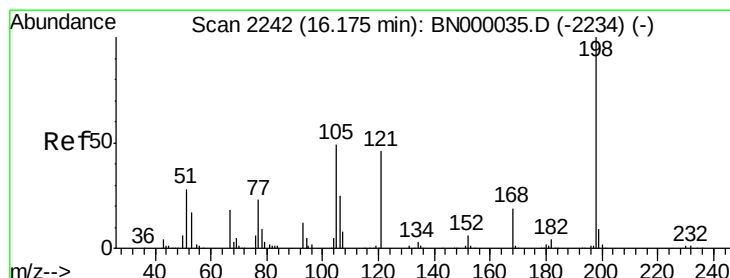
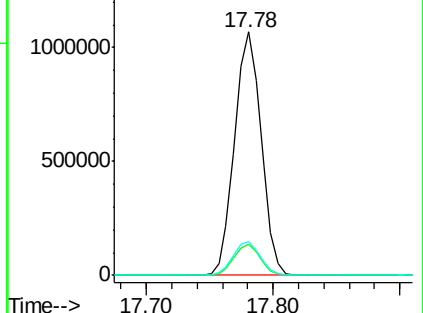
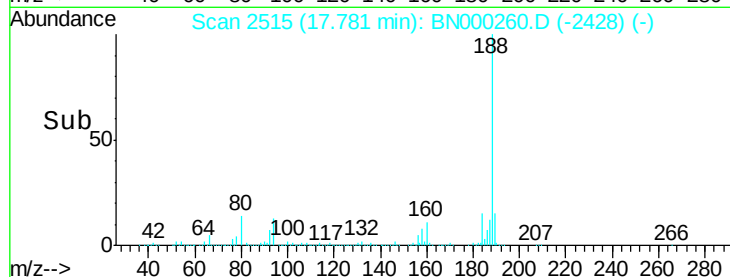
80 13.8 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#64

4,6-Dinitro-2-methylphenol

Concen: 26.123 ng

RT: 16.16 min Scan# 2239

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

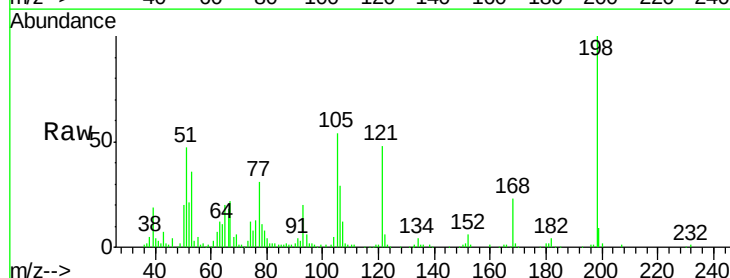
Tgt Ion:198 Resp: 155815

Ion Ratio Lower Upper

198 100

51 47.2 30.6 70.6

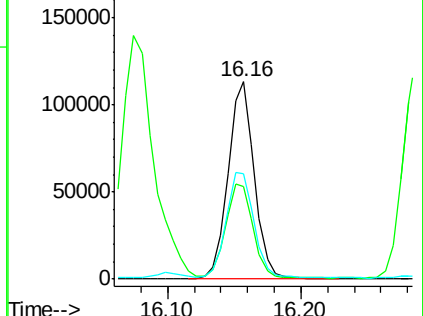
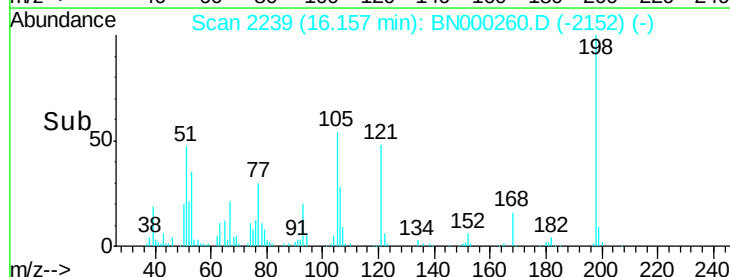
105 53.5 23.8 63.8

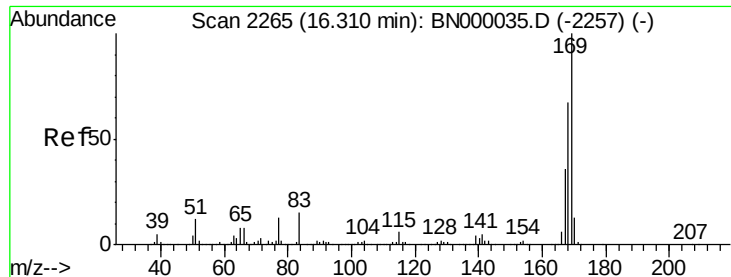


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 25.363 ng

RT: 16.29 min Scan# 2261

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

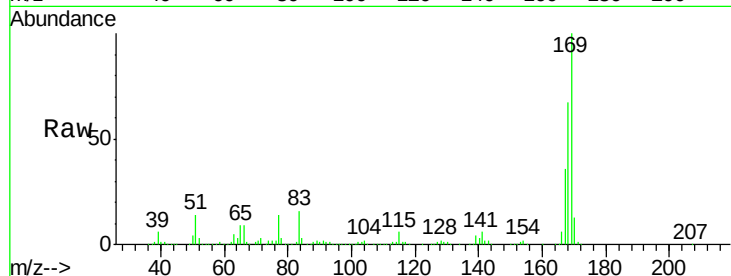
Tot Ion:169 Resp: 1276592

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.2  | 55.7  | 83.5  |
| 167 | 36.4  | 30.1  | 45.1  |

169 100

168 67.2 55.7 83.5

167 36.4 30.1 45.1

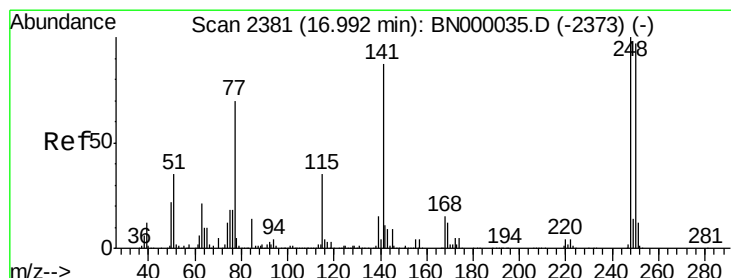
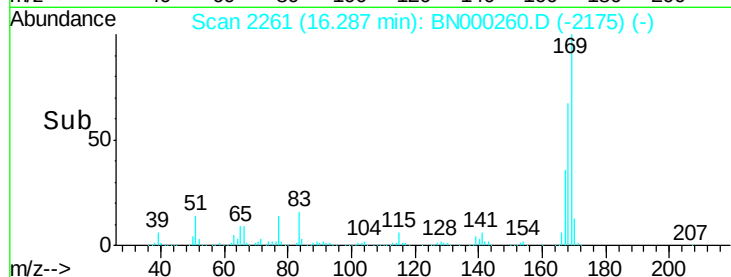
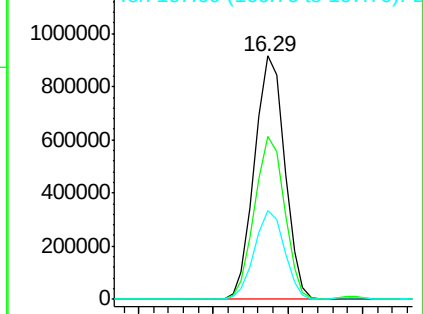


Abundance

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



#66

4-Bromophenyl-phenylether

Concen: 24.814 ng

RT: 16.96 min Scan# 2376

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

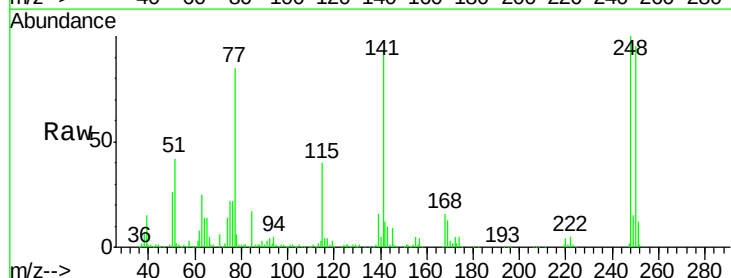
Tgt Ion:248 Resp: 365000

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 95.4  | 77.1  | 115.7 |
| 141 | 93.3  | 50.8  | 76.2  |

248 100

250 95.4 77.1 115.7

141 93.3 50.8 76.2#

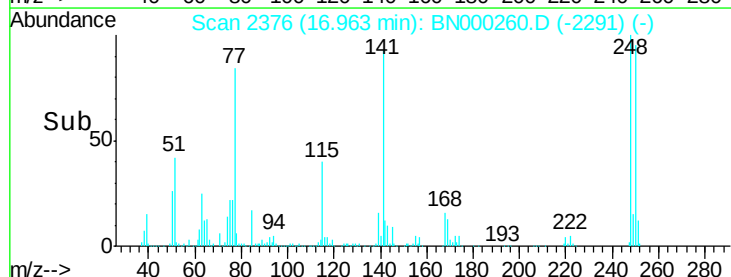
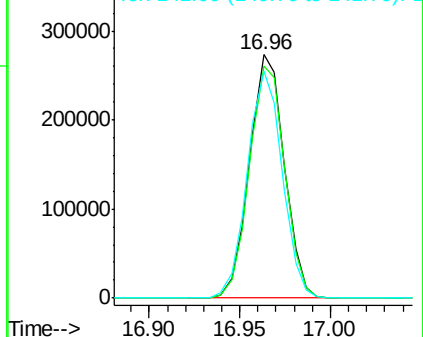


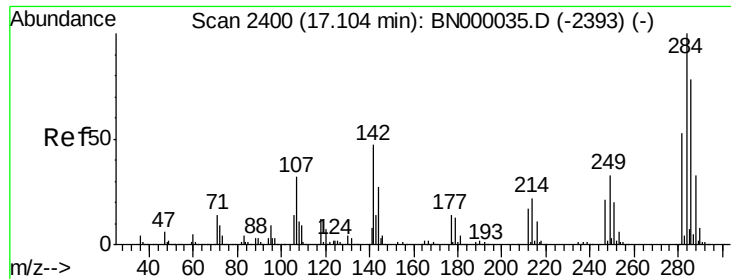
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 22.921 ng

RT: 17.09 min Scan# 2397

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

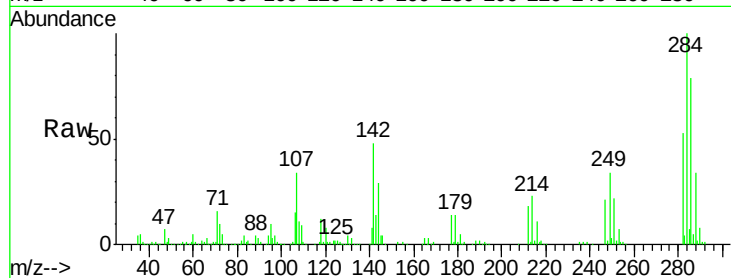
Tot Ion:284 Resp: 393737

Ion Ratio Lower Upper

284 100

142 48.2 26.8 40.2#

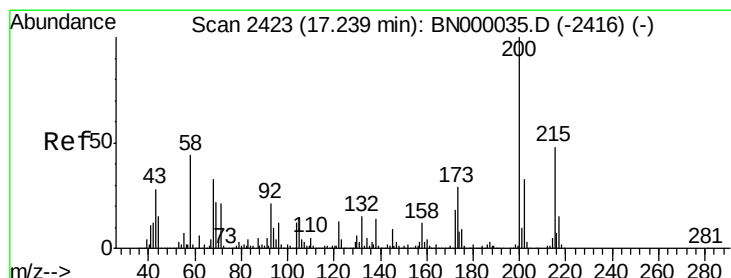
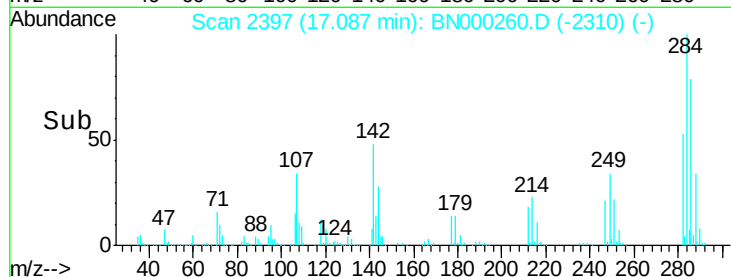
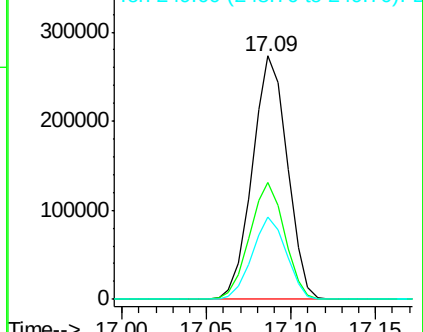
249 34.0 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 24.596 ng

RT: 17.22 min Scan# 2419

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

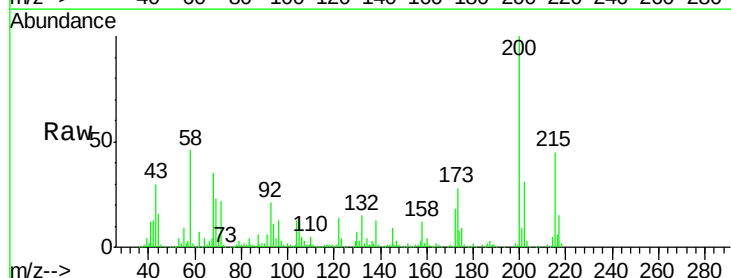
Tgt Ion:200 Resp: 402904

Ion Ratio Lower Upper

200 100

173 28.2 5.2 45.2

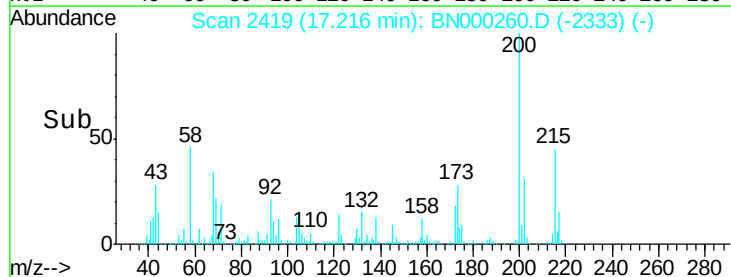
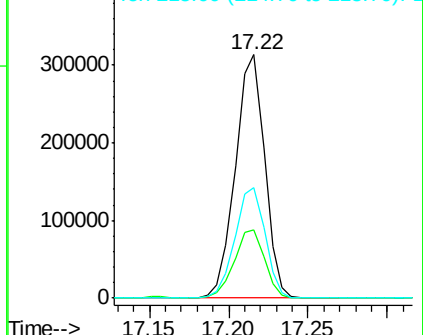
215 45.4 30.4 70.4

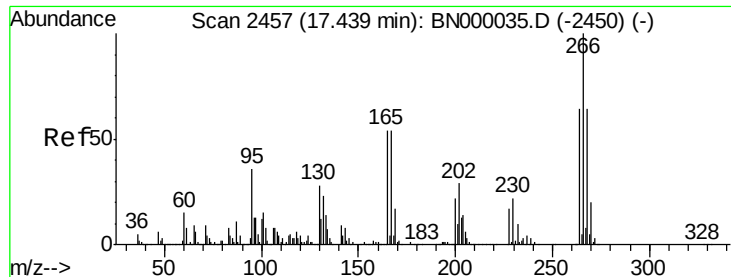


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

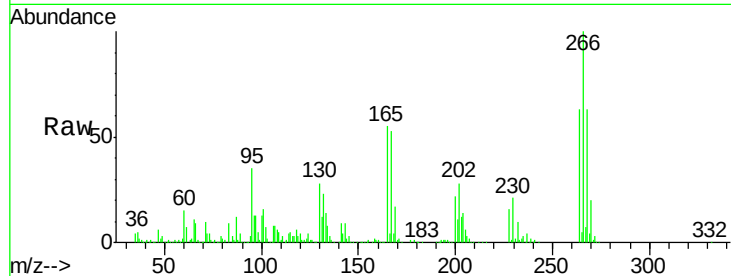




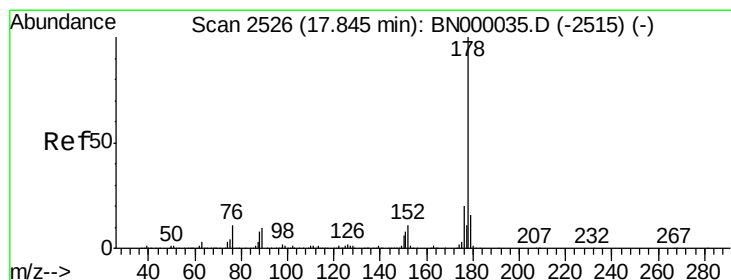
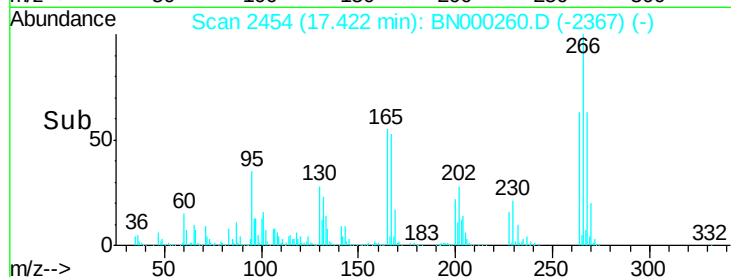
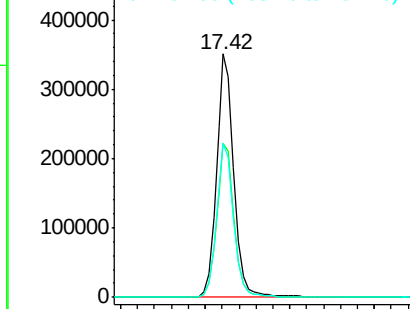
#69  
 Pentachlorophenol  
 Concen: 45.264 ng  
 RT: 17.42 min Scan# 2454  
 Delta R.T. -0.02 min  
 Lab File: BN000260.D  
 Acq: 06 Mar 2018 13:06

Instrument :  
 BNA\_N  
 ClientSampled :  
 B1MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.4  | 51.1  | 76.7  |
| 264     | 63.2  | 49.6  | 74.4  |

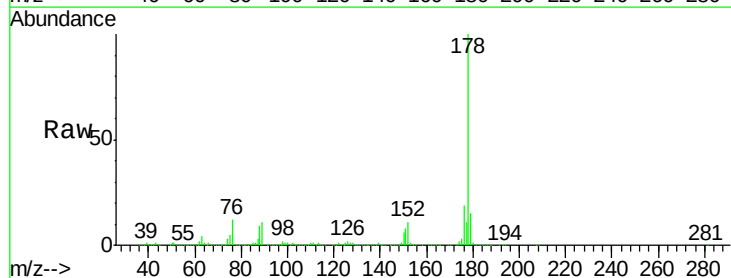


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

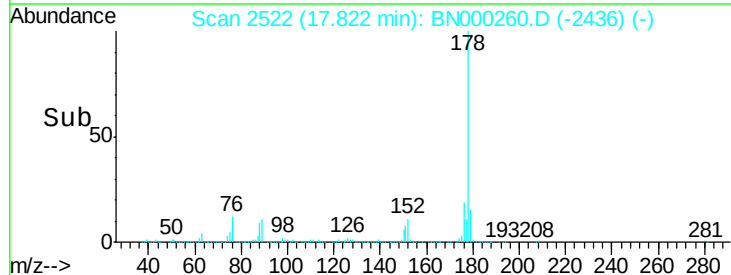
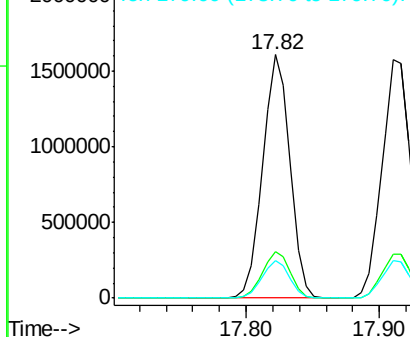


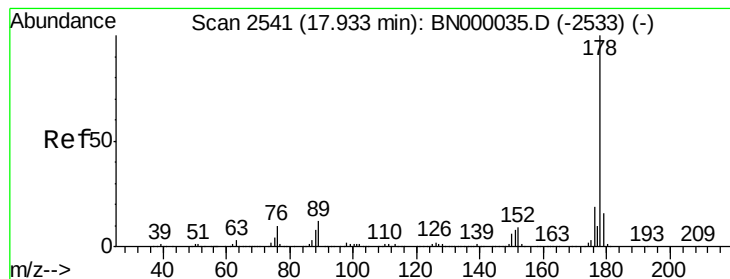
#70  
 Phenanthrene  
 Concen: 24.785 ng  
 RT: 17.82 min Scan# 2522  
 Delta R.T. -0.02 min  
 Lab File: BN000260.D  
 Acq: 06 Mar 2018 13:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.2  | 15.7  | 23.5  |
| 179     | 15.3  | 12.5  | 18.7  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 26.245 ng

RT: 17.91 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

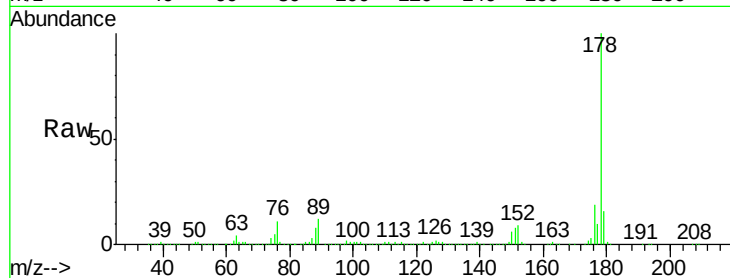
Tot Ion:178 Resp: 2321868

Ion Ratio Lower Upper

178 100

176 18.6 16.0 24.0

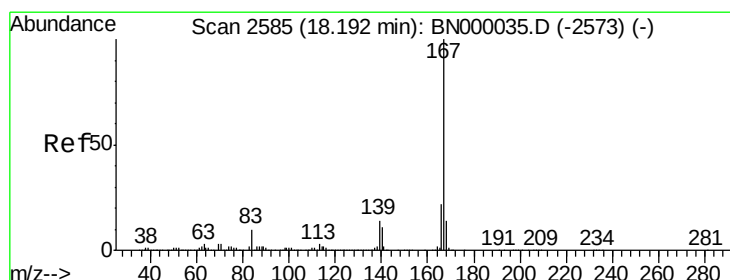
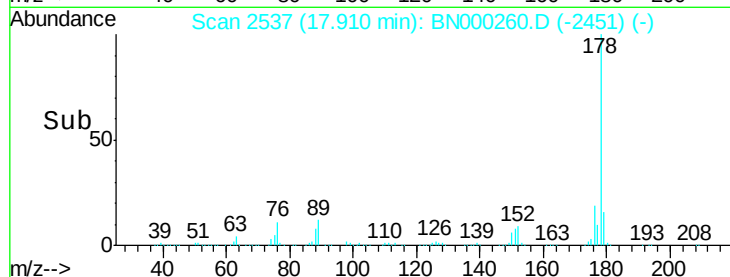
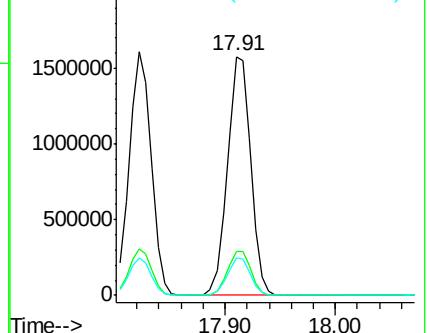
179 15.6 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 25.452 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

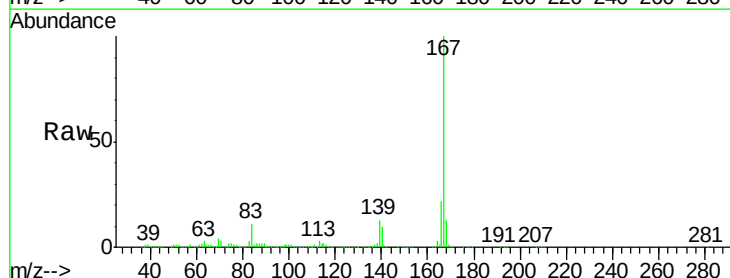
Tgt Ion:167 Resp: 2268473

Ion Ratio Lower Upper

167 100

166 21.6 18.2 27.4

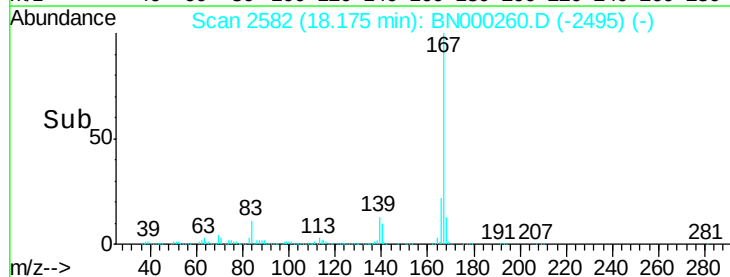
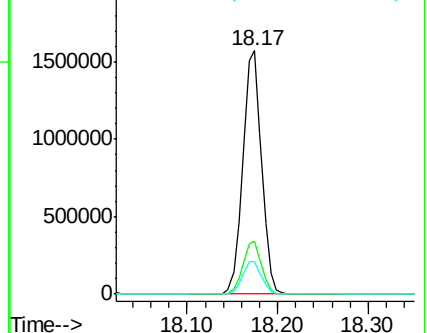
139 13.5 9.4 14.2



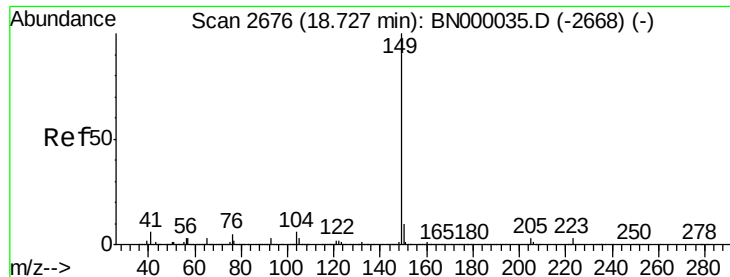
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#73

Di-n-butylphthalate

Concen: 50.128 ng

RT: 18.70 min Scan# 2671

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

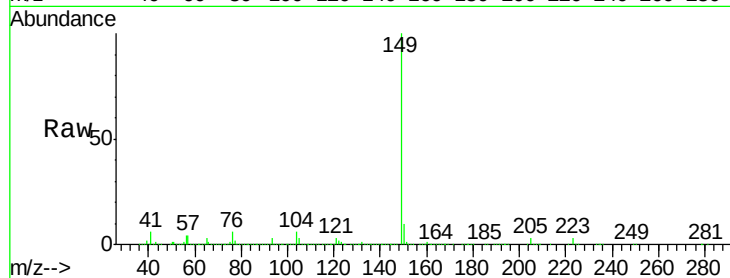
Tot Ion:149 Resp: 4932220

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

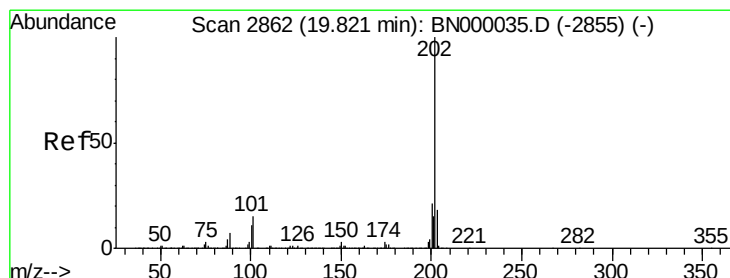
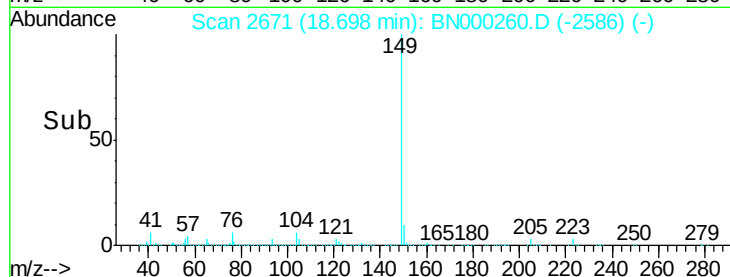
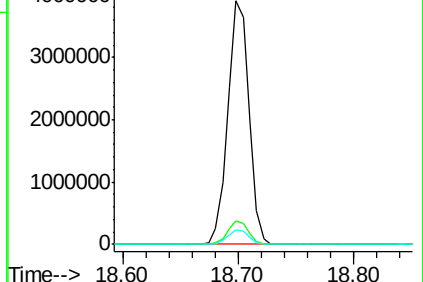
104 5.7 3.9 5.9



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



#74

Fluoranthene

Concen: 26.496 ng

RT: 19.80 min Scan# 2859

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

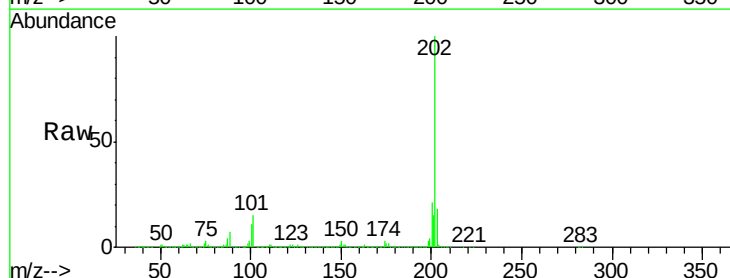
Tgt Ion:202 Resp: 2539824

Ion Ratio Lower Upper

202 100

101 15.0 0.0 28.9

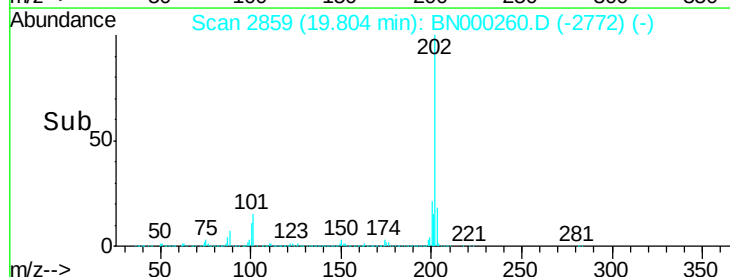
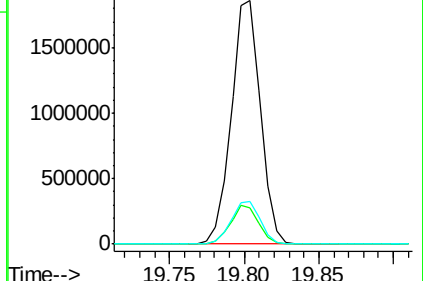
203 17.7 0.0 37.5

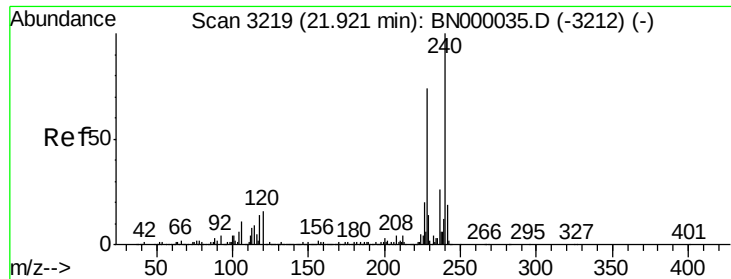


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.90 min Scan# 3215

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

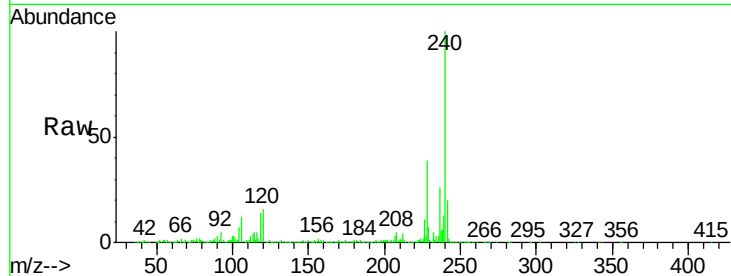
Tot Ion:240 Resp: 1586130

Ion Ratio Lower Upper

240 100

120 16.1 6.8 10.2#

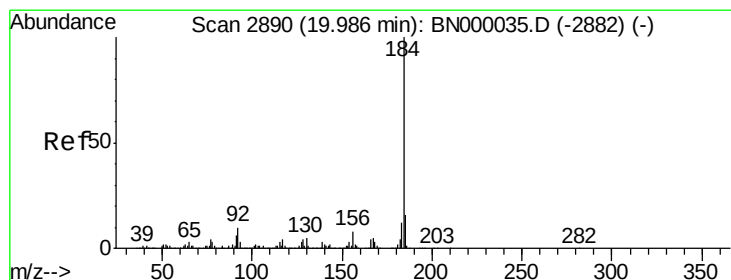
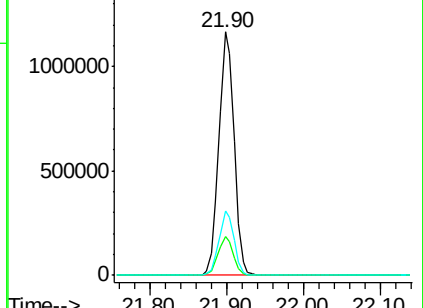
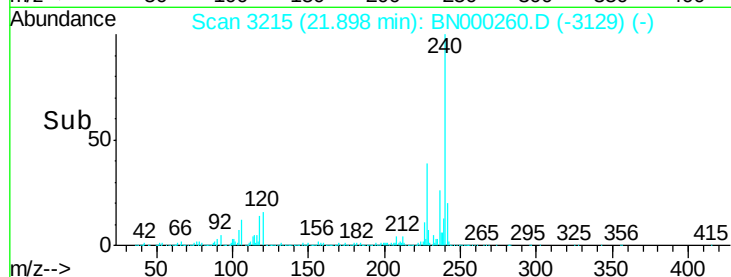
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.992 ng

RT: 19.97 min Scan# 2887

Delta R.T. -0.02 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

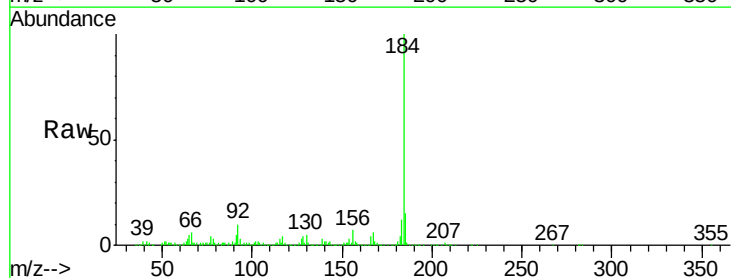
Tgt Ion:184 Resp: 960276

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

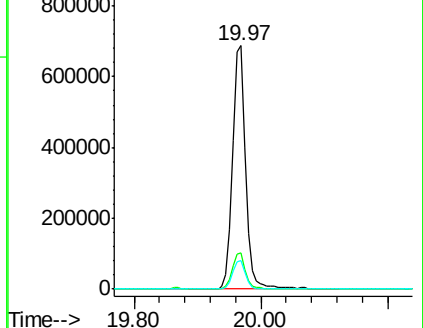
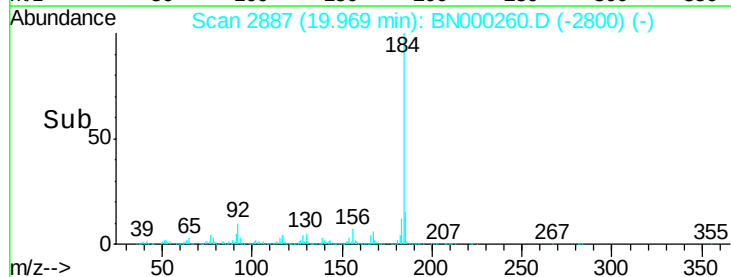
183 11.7 10.6 16.0

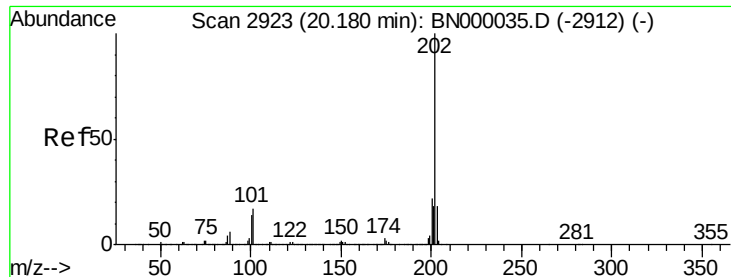


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

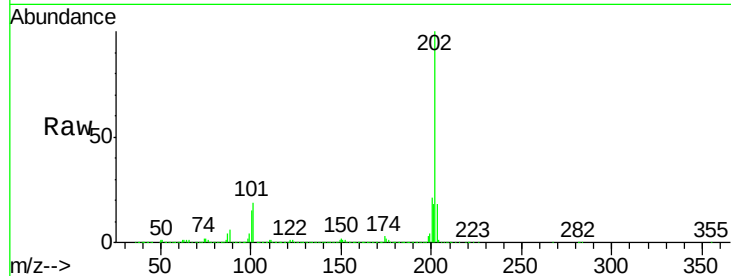




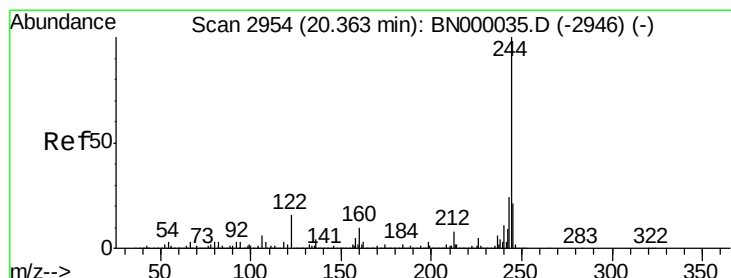
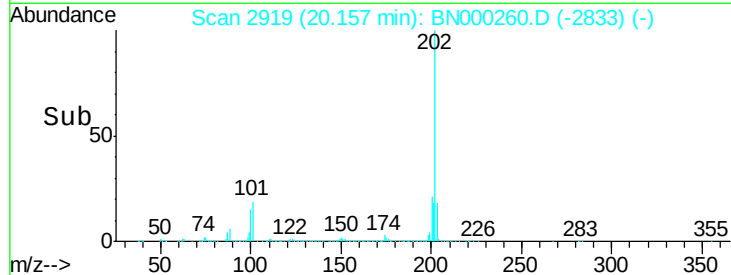
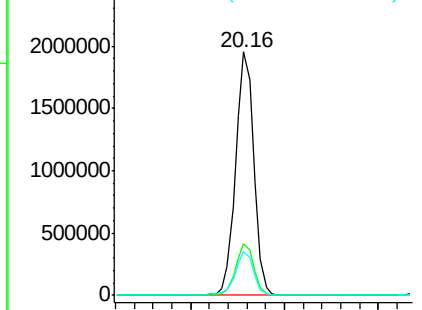
#77  
Pvrene  
Concen: 25.973 ng  
RT: 20.16 min Scan# 2919  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Instrument :  
BNA\_N  
ClientSampled :  
B1MSD

Tot Ion:202 Resp: 2618260  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.9 25.3  
203 17.8 13.9 20.9

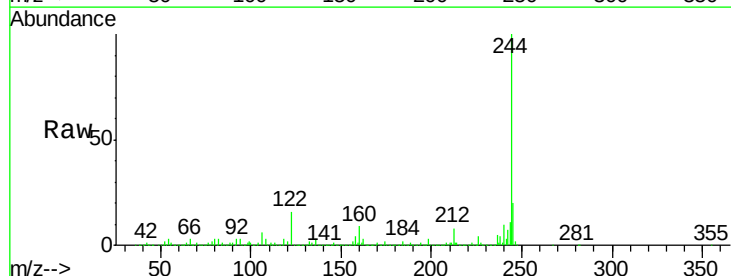


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

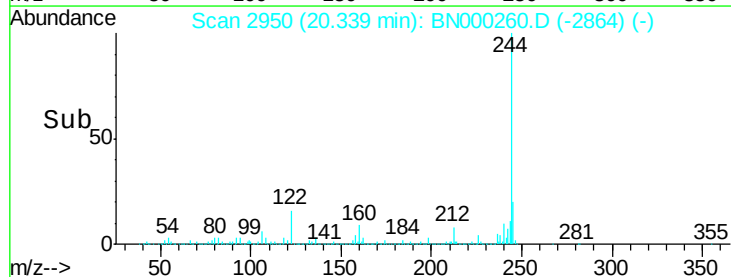
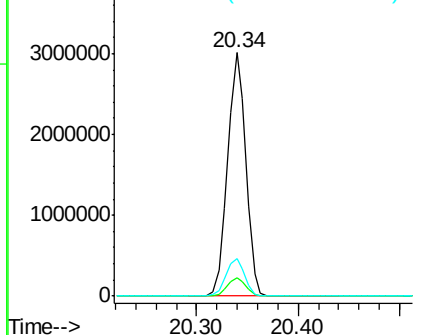


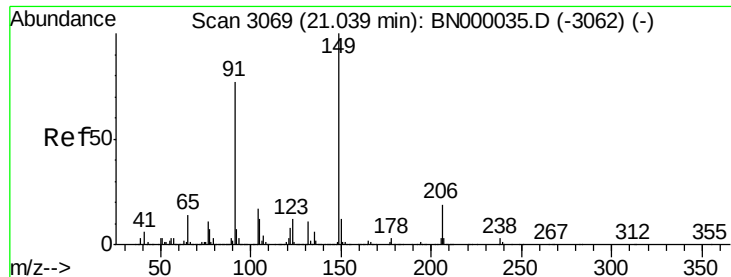
#78  
Terphenyl-d14  
Concen: 64.016 ng  
RT: 20.34 min Scan# 2950  
Delta R.T. -0.02 min  
Lab File: BN000260.D  
Acq: 06 Mar 2018 13:06

Tgt Ion:244 Resp: 3760461  
Ion Ratio Lower Upper  
244 100  
212 7.8 5.8 8.8  
122 15.7 7.0 10.4#



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





#79

Butylbenzylphthalate

Concen: 29.341 ng

RT: 21.01 min Scan# 3064

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

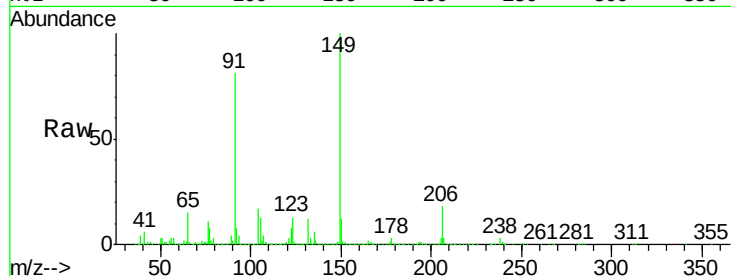
Tot Ion:149 Resp: 1290601

Ion Ratio Lower Upper

149 100

91 81.0 62.2 93.2

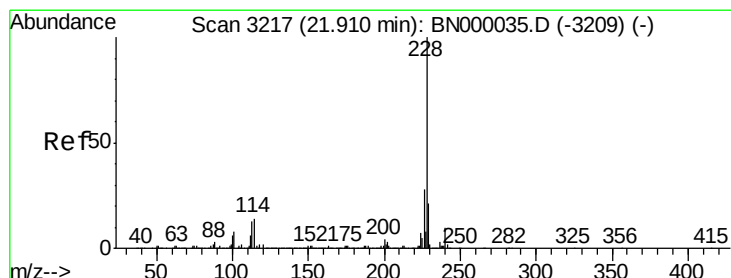
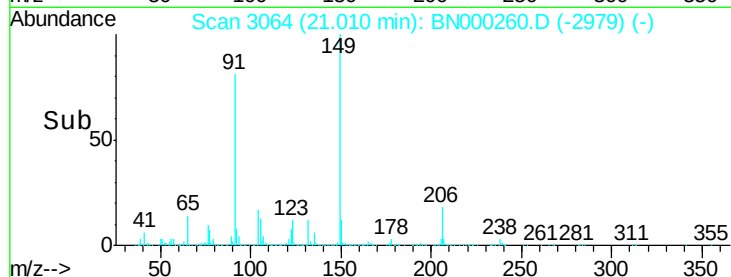
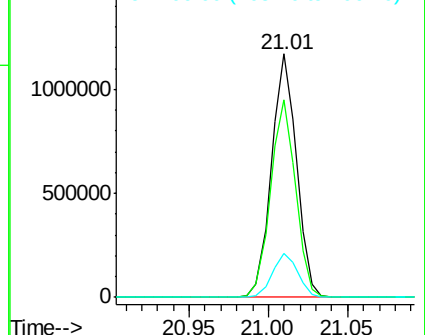
206 18.1 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNO

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 26.025 ng

RT: 21.88 min Scan# 3212

Delta R.T. -0.03 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

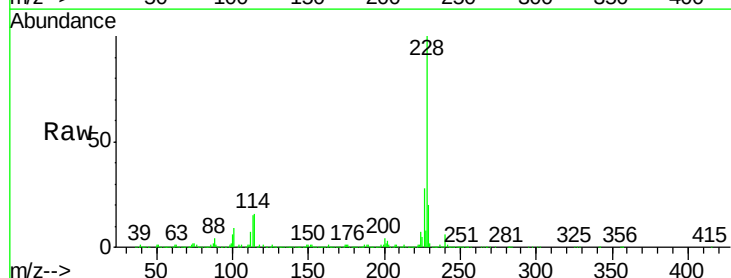
Tgt Ion:228 Resp: 2537243

Ion Ratio Lower Upper

228 100

226 27.9 22.7 34.1

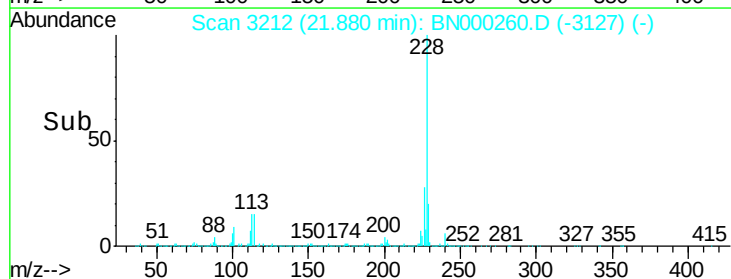
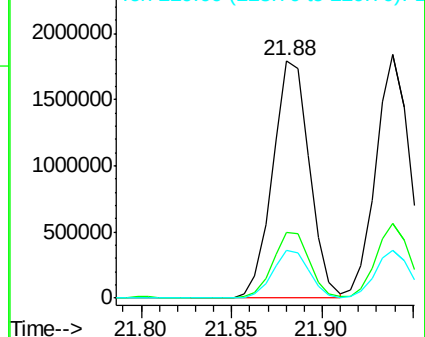
229 19.9 16.2 24.2

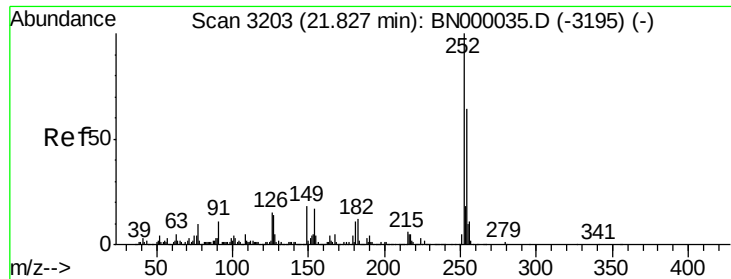


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

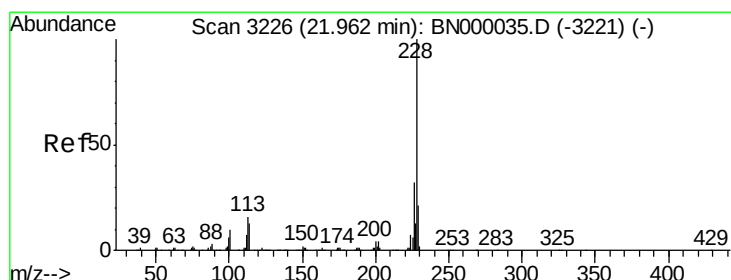
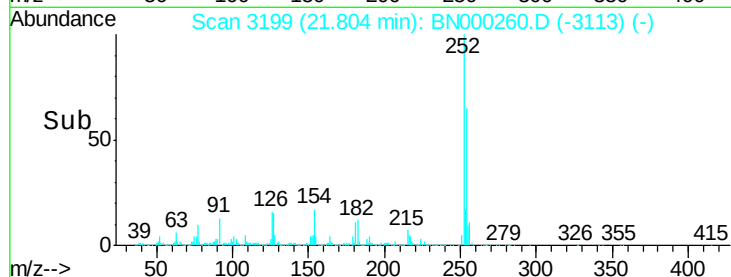
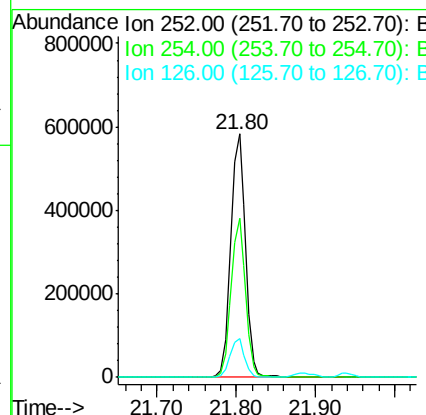
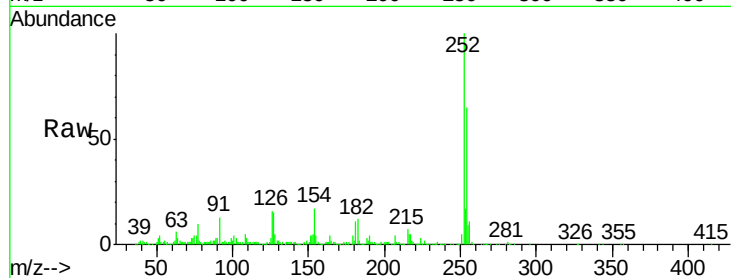




#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.003 ng  
 RT: 21.80 min Scan# 3199  
 Delta R.T. -0.02 min  
 Lab File: BN000260.D  
 Acq: 06 Mar 2018 13:06

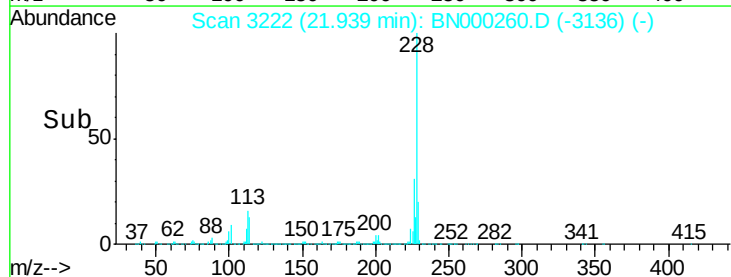
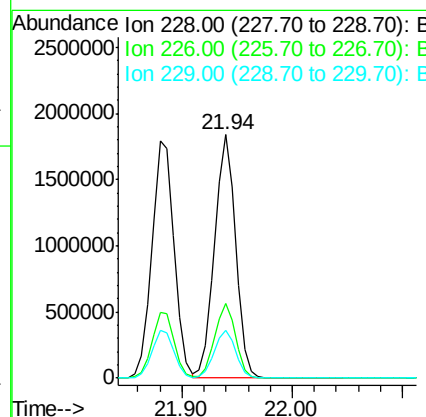
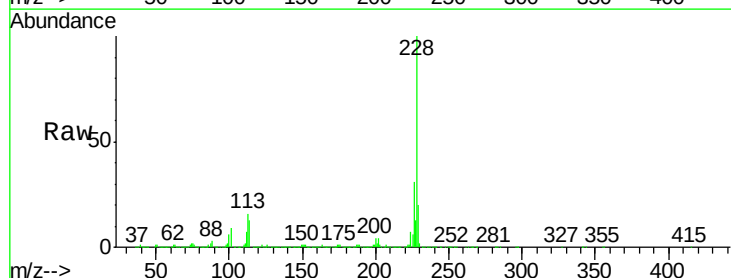
Instrument :  
 BNA\_N  
 ClientSampleId :  
 B1MSD

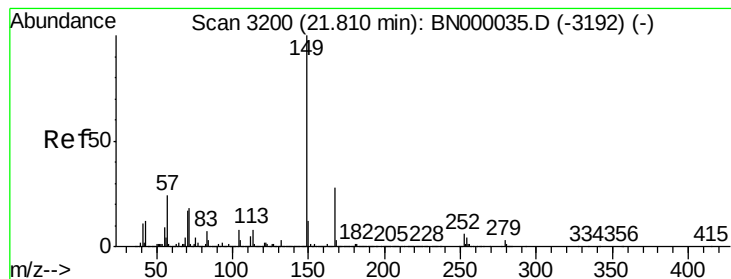
Tot Ion:252 Resp: 752078  
 Ion Ratio Lower Upper  
 252 100  
 254 65.2 50.8 76.2  
 126 15.8 7.4 11.2#



#82  
 Chrysene  
 Concen: 24.686 ng  
 RT: 21.94 min Scan# 3222  
 Delta R.T. -0.02 min  
 Lab File: BN000260.D  
 Acq: 06 Mar 2018 13:06

Tgt Ion:228 Resp: 2398320  
 Ion Ratio Lower Upper  
 228 100  
 226 30.7 24.9 37.3  
 229 19.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 29.025 ng

RT: 21.77 min Scan# 3193

Delta R.T. -0.04 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

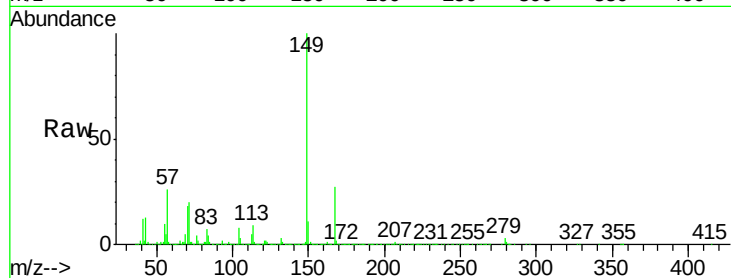
Tot Ion:149 Resp: 1973158

Ion Ratio Lower Upper

149 100

167 27.0 24.3 36.5

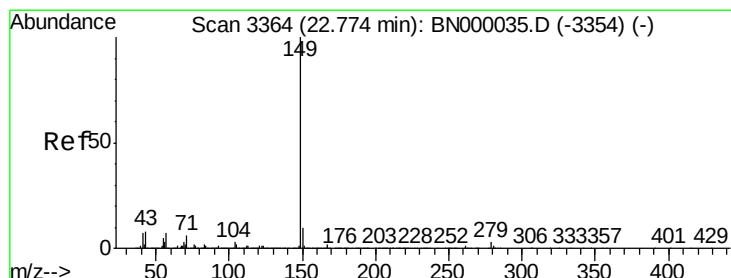
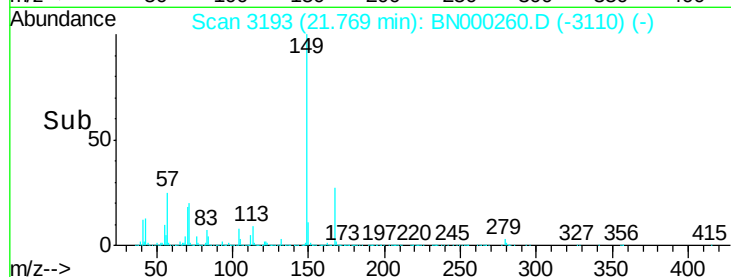
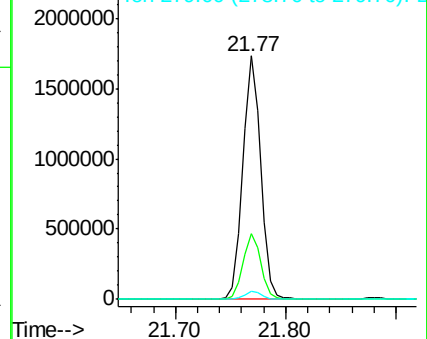
279 3.5 4.0 6.0#



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



#84

Di-n-octyl phthalate

Concen: 29.966 ng

RT: 22.72 min Scan# 3355

Delta R.T. -0.05 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

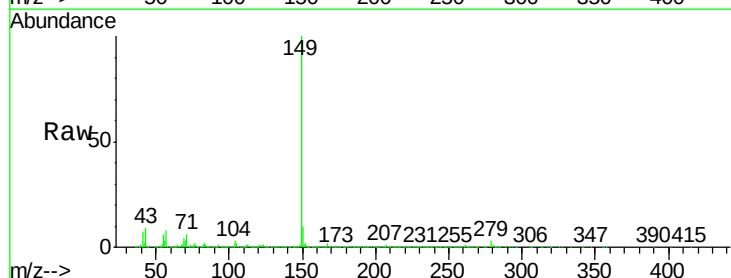
Tgt Ion:149 Resp: 3364740

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

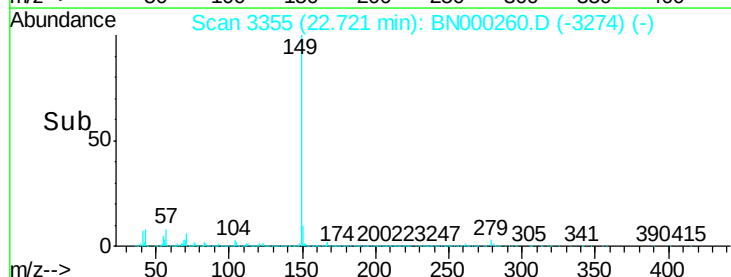
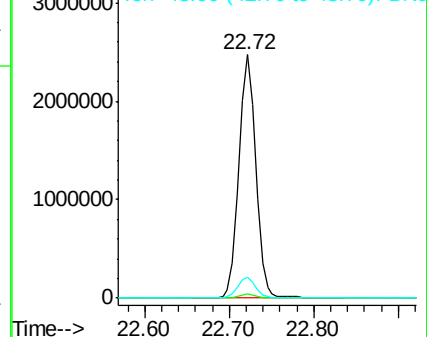
43 8.6 8.9 13.3#

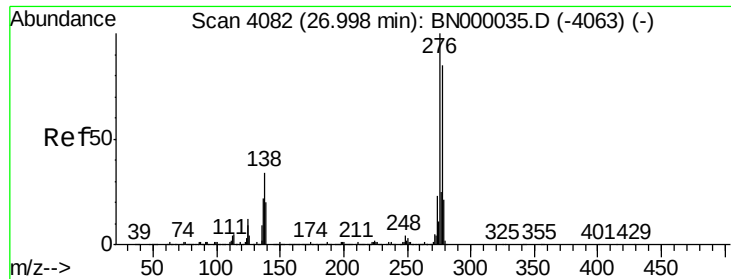


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.468 ng

RT: 26.94 min Scan# 4072

Delta R.T. -0.06 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

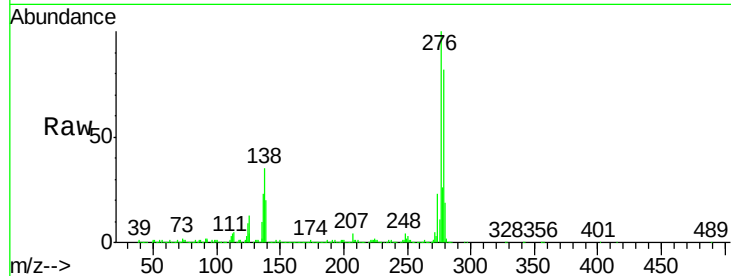
Tot Ion:276 Resp: 2681390

Ion Ratio Lower Upper

276 100

138 34.4 16.0 24.0#

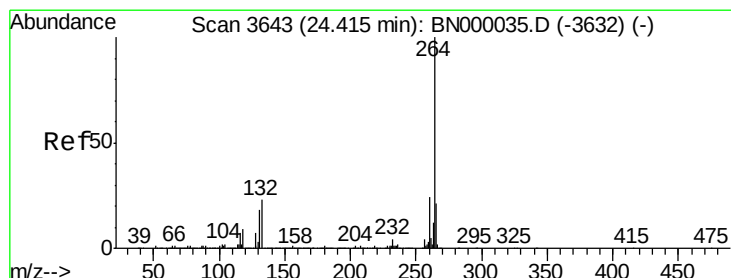
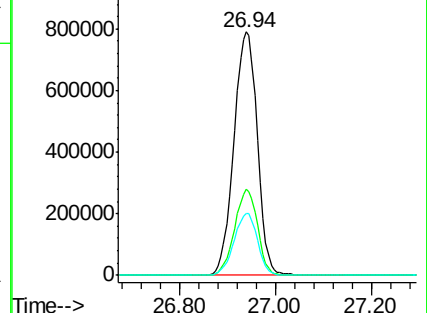
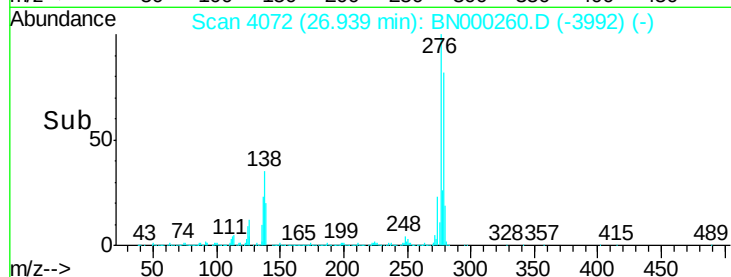
277 25.5 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.38 min Scan# 3637

Delta R.T. -0.04 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

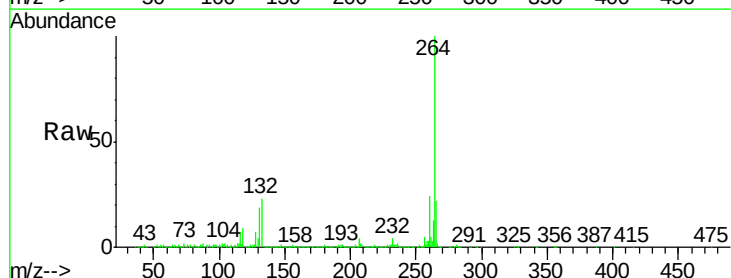
Tgt Ion:264 Resp: 1705310

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

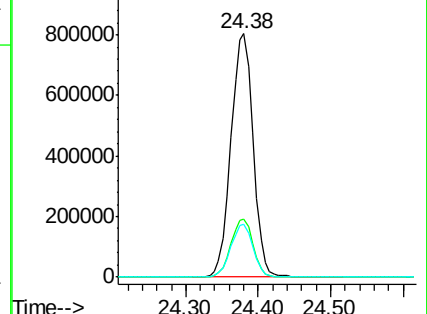
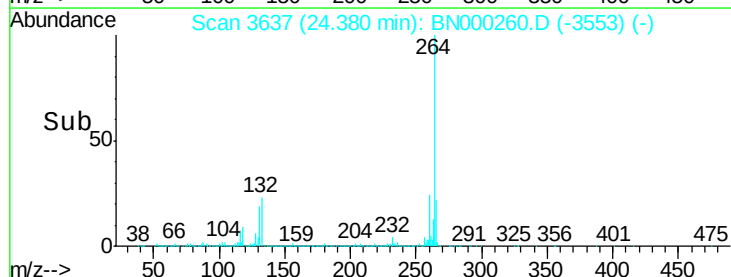
265 22.0 17.7 26.5

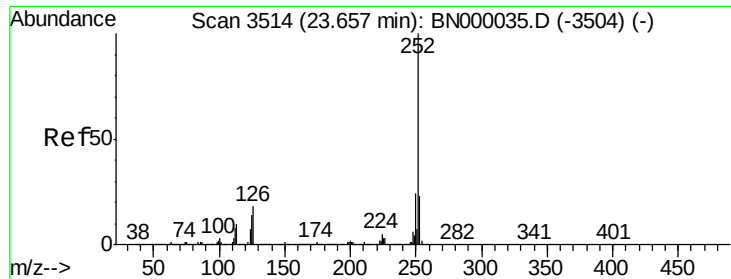


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 25.711 ng

RT: 23.62 min Scan# 3508

Delta R.T. -0.04 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

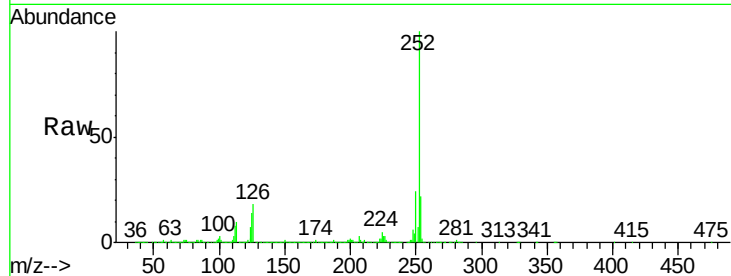
Tot Ion:252 Resp: 2566366

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

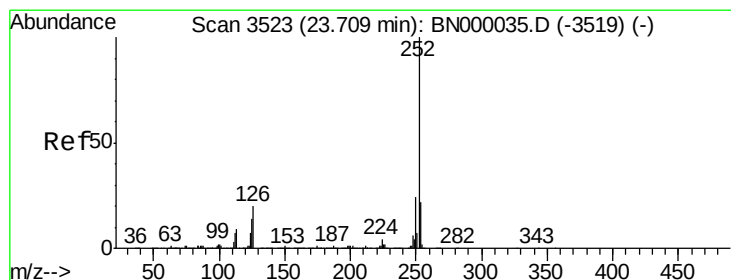
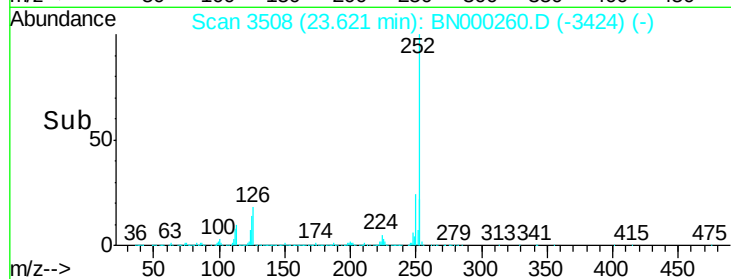
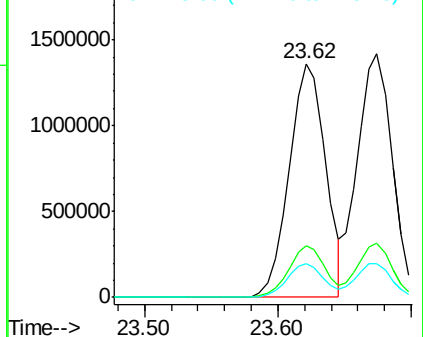
125 14.3 7.2 10.8#



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



#88

Benzo(k)fluoranthene

Concen: 25.526 ng

RT: 23.67 min Scan# 3517

Delta R.T. -0.04 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

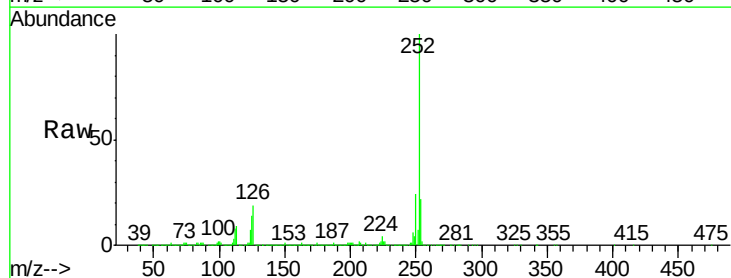
Tgt Ion:252 Resp: 2566150

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

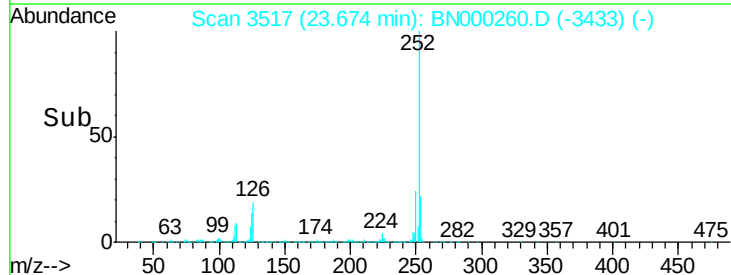
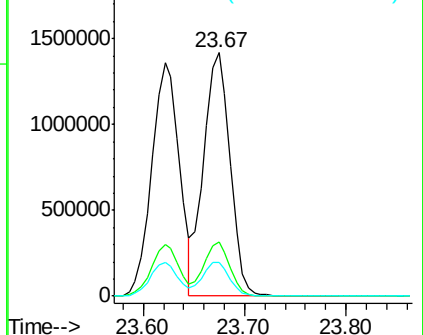
125 14.0 6.6 9.8#



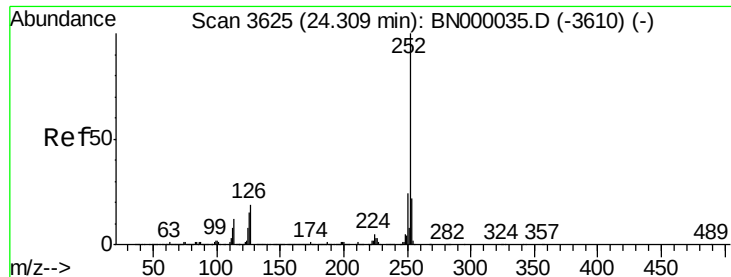
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(a)pyrene

Concen: 26.093 ng

RT: 24.27 min Scan# 3618

Delta R.T. -0.04 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

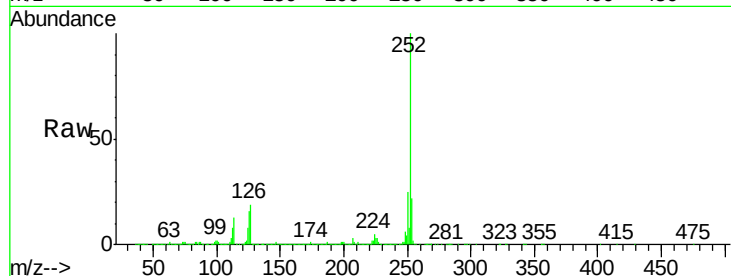
Tot Ion:252 Resp: 2497680

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

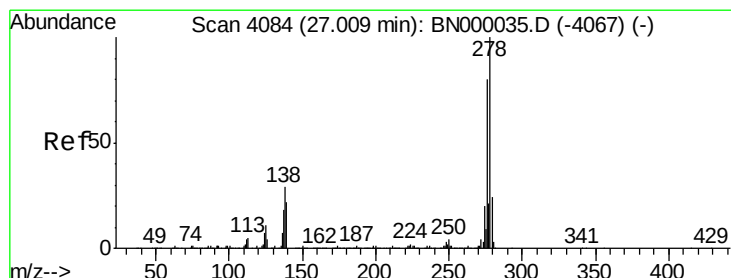
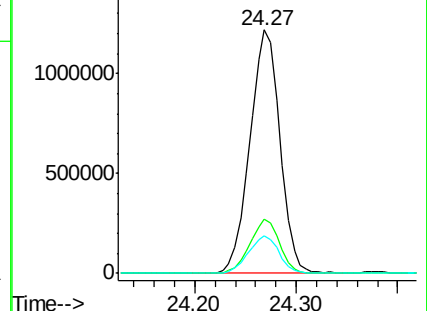
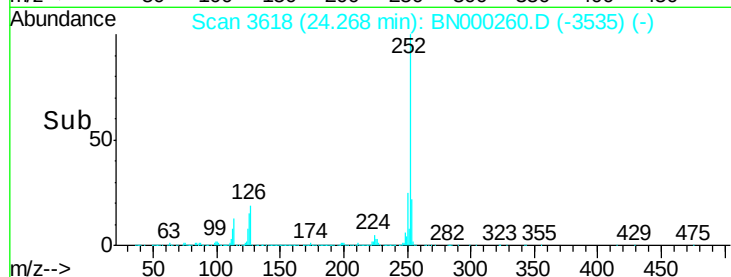
125 15.5 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 22.517 ng

RT: 26.95 min Scan# 4074

Delta R.T. -0.06 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

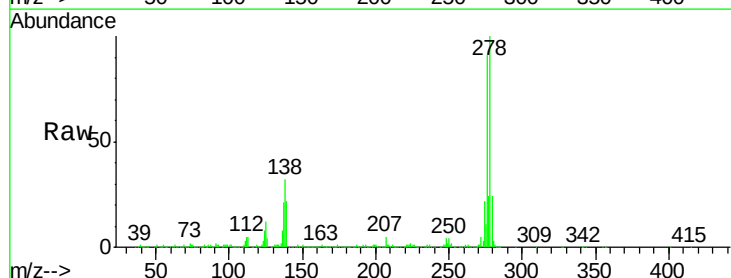
Tgt Ion:278 Resp: 2253972

Ion Ratio Lower Upper

278 100

139 21.9 9.8 14.6#

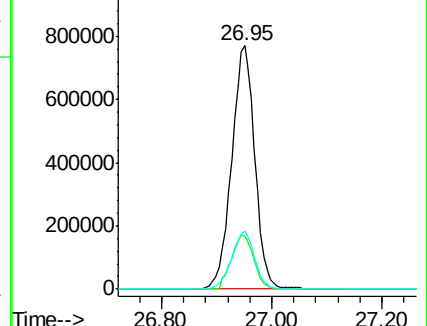
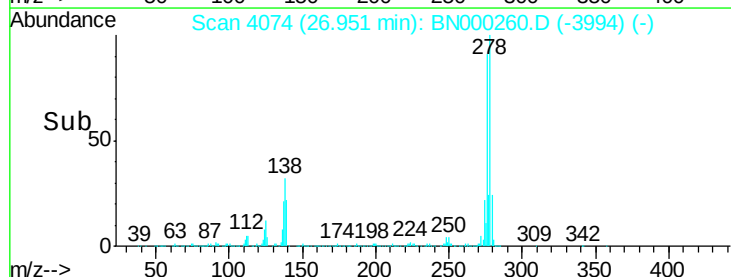
279 23.6 18.4 27.6

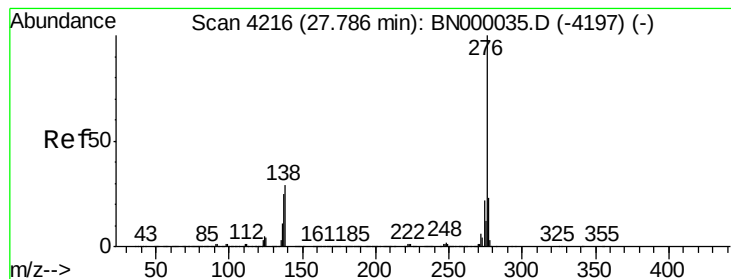


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 21.497 ng

RT: 27.73 min Scan# 4206

Delta R.T. -0.06 min

Lab File: BN000260.D

Acq: 06 Mar 2018 13:06

Instrument :

BNA\_N

ClientSampleId :

B1MSD

Tot Ion:276 Resp: 2175951

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 29.6 13.9 20.9#

