

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\  
 Data File : BN003297.D  
 Acq On : 25 Oct 2018 06:26  
 Operator : MJ/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 25 07:19:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 24 14:21:25 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 115214   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.37 | 136  | 552289   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.24 | 164  | 342499   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 16.99 | 188  | 777751   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.21 | 240  | 829476   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.41 | 264  | 832866   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.23  | 112 | 525669  | 79.47 | ng | 0.00 |
| 7) Phenol-d6             | 6.80  | 99  | 760627  | 80.87 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.76  | 82  | 755090  | 78.41 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.75 | 330 | 365618  | 79.28 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.85 | 172 | 1924842 | 76.23 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.64 | 244 | 3022701 | 77.93 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.21  | 88  | 118988  | 37.885 | ng | 100    |
| 3) Pyridine                    | 3.59  | 79  | 298462  | 41.586 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.52  | 42  | 105851  | 40.059 | ng | 98     |
| 6) Aniline                     | 6.94  | 93  | 478134  | 40.708 | ng | 99     |
| 8) 2-Chlorophenol              | 7.17  | 128 | 324640  | 39.846 | ng | 99     |
| 9) Benzaldehyde                | 6.76  | 77  | 213578  | 39.097 | ng | 95     |
| 10) Phenol                     | 6.82  | 94  | 403174  | 40.618 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.04  | 93  | 323434  | 39.894 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.49  | 146 | 360205  | 39.764 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 7.63  | 146 | 372088  | 39.892 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.95  | 146 | 361904  | 39.978 | ng | 100    |
| 15) Benzyl Alcohol             | 7.85  | 79  | 280434  | 41.373 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.13  | 45  | 475448  | 39.999 | ng | 99     |
| 17) 2-Methylphenol             | 8.05  | 107 | 276699  | 40.789 | ng | 98     |
| 18) Hexachloroethane           | 8.65  | 117 | 130774  | 40.021 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.40  | 70  | 281782  | 41.544 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.39  | 107 | 392198  | 40.700 | ng | 98     |
| 22) Acetophenone               | 8.42  | 105 | 526174  | 39.304 | ng | # 98   |
| 24) Nitrobenzene               | 8.80  | 77  | 386695  | 39.350 | ng | 99     |
| 25) Isophorone                 | 9.31  | 82  | 675952  | 40.015 | ng | 99     |
| 26) 2-Nitrophenol              | 9.50  | 139 | 207387  | 40.095 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.57  | 122 | 284437  | 39.111 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.79  | 93  | 448327  | 39.395 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.04 | 162 | 333055  | 40.131 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.23 | 180 | 365006  | 38.687 | ng | 97     |
| 31) Naphthalene                | 10.42 | 128 | 1039534 | 38.517 | ng | 99     |
| 32) Benzoic acid               | 9.79  | 122 | 216611  | 36.191 | ng | 96     |
| 33) 4-Chloroaniline            | 10.55 | 127 | 474549  | 39.793 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.69 | 225 | 217859  | 38.695 | ng | 99     |
| 35) Caprolactam                | 11.33 | 113 | 132981  | 40.923 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 11.69 | 107 | 369687  | 39.940 | ng | 96     |
| 37) 2-Methylnaphthalene        | 12.03 | 142 | 752336  | 39.007 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.26 | 142 | 736271  | 39.086 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 436491  | 38.524 | ng | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102418\  
 Data File : BN003297.D  
 Acq On : 25 Oct 2018 06:26  
 Operator : MJ/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

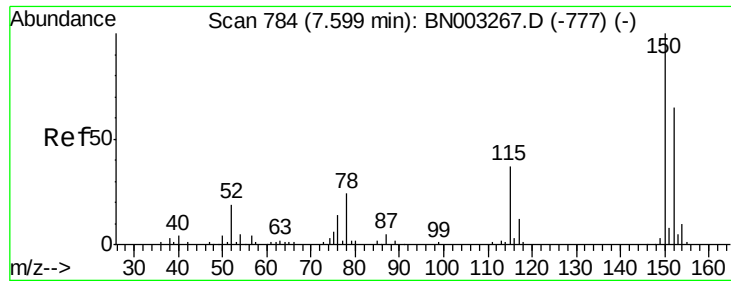
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Oct 25 07:19:47 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 24 14:21:25 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.38 | 237  | 168348   | 39.370 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.67 | 196  | 282598   | 39.477 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.76 | 196  | 292130   | 39.123 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.06 | 154  | 1159276  | 38.565 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.10 | 162  | 856119   | 38.610 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.33 | 65   | 260216   | 39.941 | ng    | 99       |
| 49) Acenaphthylene             | 13.96 | 152  | 1307778  | 38.533 | ng    | 100      |
| 50) Dimethylphthalate          | 13.70 | 163  | 1055573  | 38.117 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.84 | 165  | 244244   | 38.859 | ng    | 99       |
| 52) Acenaphthene               | 14.30 | 154  | 790919   | 38.462 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.17 | 138  | 266974   | 39.734 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.40 | 184  | 115207   | 35.747 | ng    | 96       |
| 55) Dibenzofuran               | 14.65 | 168  | 1279928  | 38.258 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.52 | 139  | 163994   | 36.987 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 14.65 | 165  | 338487   | 39.717 | ng    | 97       |
| 58) Fluorene                   | 15.30 | 166  | 977463   | 37.863 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 266327   | 40.618 | ng    | 99       |
| 60) Diethylphthalate           | 15.08 | 149  | 1083348  | 38.550 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.29 | 204  | 546182   | 38.080 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.35 | 138  | 258493   | 39.379 | ng    | 99       |
| 63) Azobenzene                 | 15.59 | 77   | 1006324  | 38.747 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.42 | 198  | 210038   | 38.704 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.52 | 169  | 953554   | 39.164 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.19 | 248  | 343384   | 39.202 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.31 | 284  | 387795   | 38.862 | ng    | 98       |
| 69) Atrazine                   | 16.47 | 200  | 337023   | 39.058 | ng    | 97       |
| 70) Pentachlorophenol          | 16.66 | 266  | 198737   | 42.740 | ng    | 96       |
| 71) Phenanthrene               | 17.04 | 178  | 1571263  | 38.428 | ng    | 99       |
| 72) Anthracene                 | 17.13 | 178  | 1584137  | 38.826 | ng    | 99       |
| 73) Carbazole                  | 17.41 | 167  | 1617485  | 38.281 | ng    | 99       |
| 74) Di-n-butylphthalate        | 17.97 | 149  | 1912338  | 38.800 | ng    | 100      |
| 75) Fluoranthene               | 19.07 | 202  | 1850848  | 38.422 | ng    | 99       |
| 77) Benzidine                  | 19.26 | 184  | 1013670  | 41.744 | ng    | 97       |
| 78) Pyrene                     | 19.43 | 202  | 1912793  | 39.236 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.34 | 149  | 887062   | 39.187 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.19 | 228  | 1836266  | 38.014 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.13 | 252  | 748781   | 37.458 | ng    | 99       |
| 83) Chrysene                   | 21.25 | 228  | 1780988  | 38.354 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 1272475  | 37.905 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 21.99 | 149  | 2147644  | 37.282 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.62 | 276  | 1767701  | 33.216 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.76 | 252  | 1759553  | 38.370 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.80 | 252  | 1745324  | 38.806 | ng    | 99       |
| 90) Benzo(a)pyrene             | 23.32 | 252  | 1675548  | 38.338 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 25.62 | 278  | 1518330  | 35.099 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.29 | 276  | 1421994  | 34.241 | ng    | 98       |

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



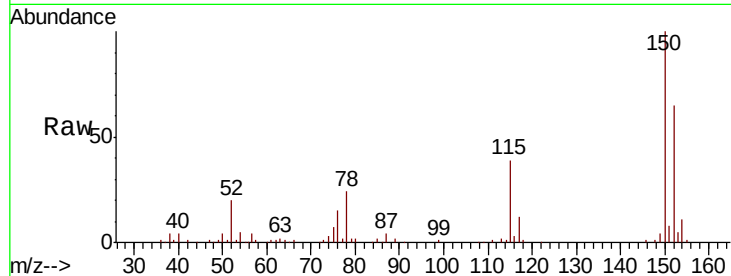


#1

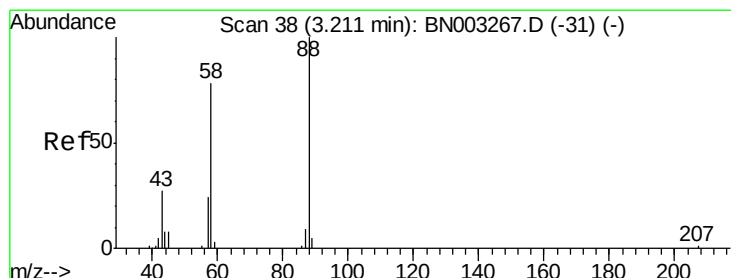
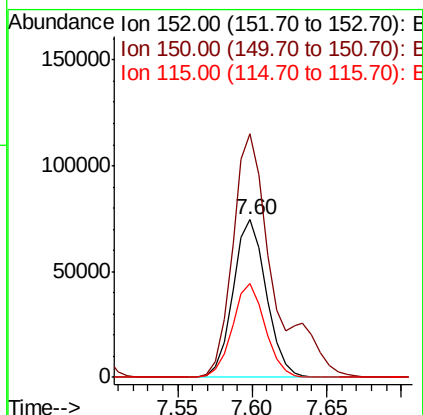
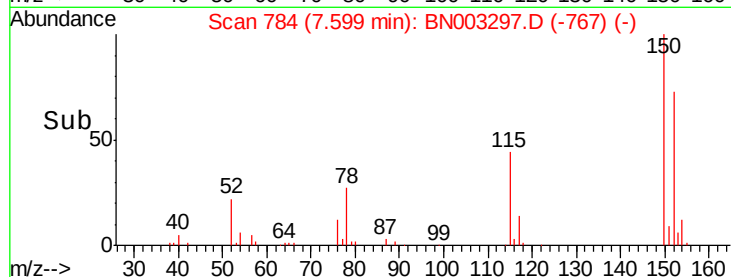
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.60 min Scan# 784  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:152 Resp: 115214  
Ion Ratio Lower Upper  
152 100  
150 154.8 123.8 185.8  
115 59.8 45.9 68.9



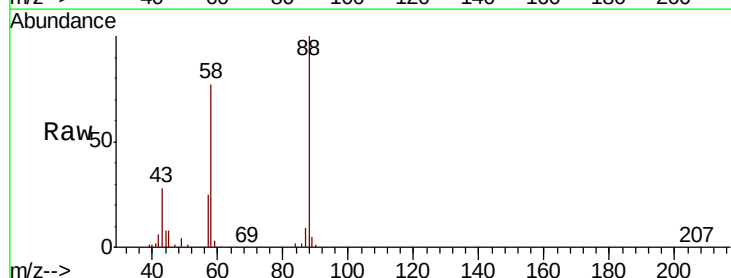
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



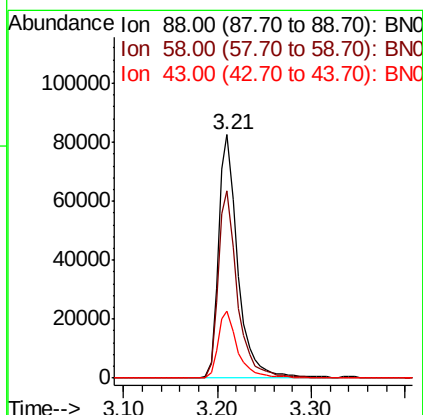
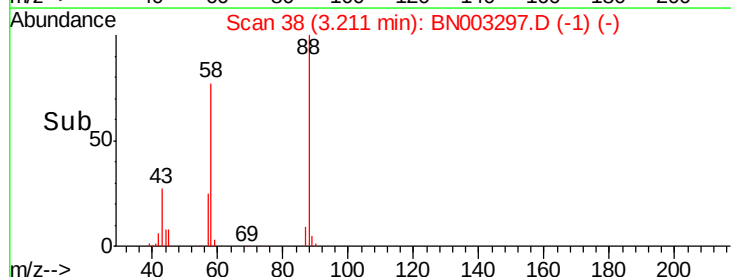
#2

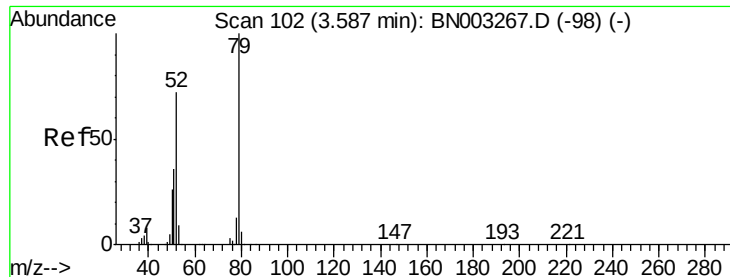
1,4-Dioxane  
Concen: 37.885 ng  
RT: 3.21 min Scan# 38  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion: 88 Resp: 118988  
Ion Ratio Lower Upper  
88 100  
58 75.9 61.1 91.7  
43 27.6 22.2 33.4



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





#3

Pvridine

Concen: 41.586 ng

RT: 3.59 min Scan# 102

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

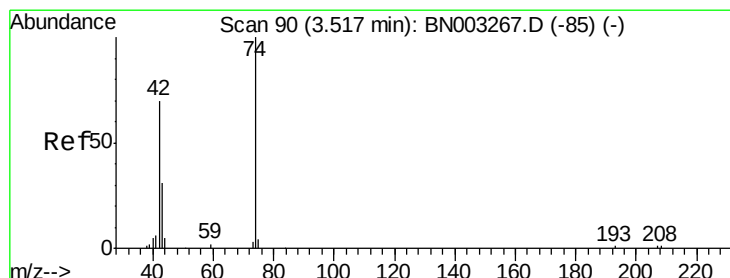
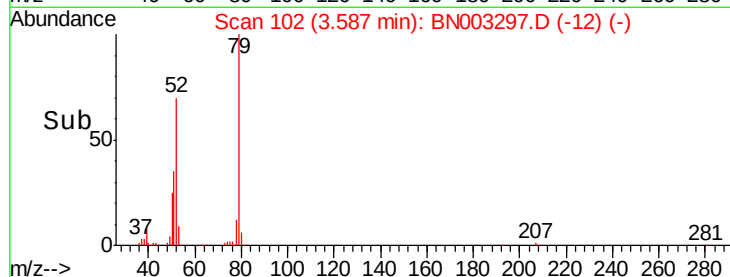
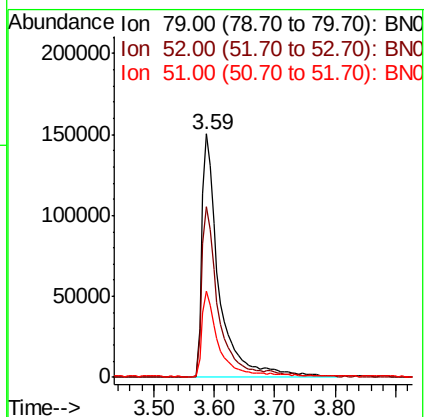
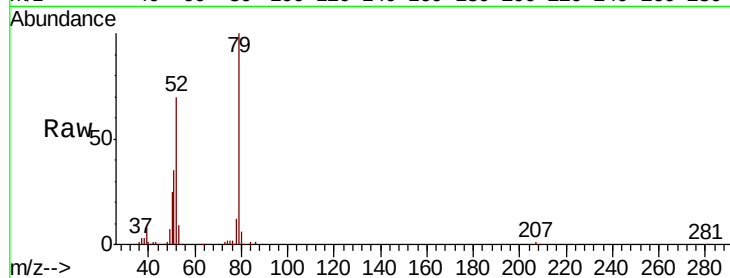
Tot Ion: 79 Resp: 298462

Ion Ratio Lower Upper

79 100

52 70.2 57.7 86.5

51 35.2 28.7 43.1



#4

n-Nitrosodimethylamine

Concen: 40.059 ng

RT: 3.52 min Scan# 90

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

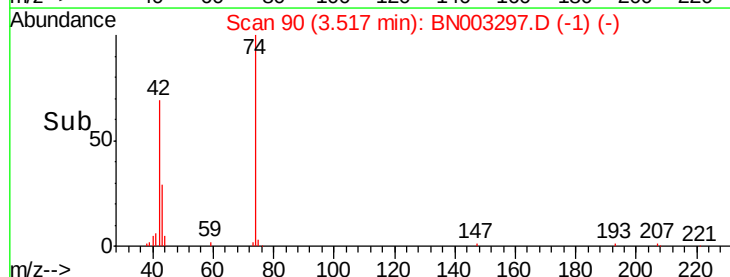
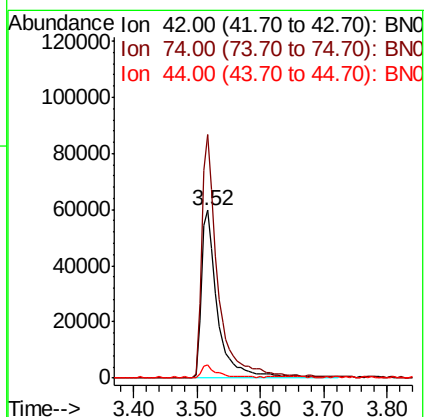
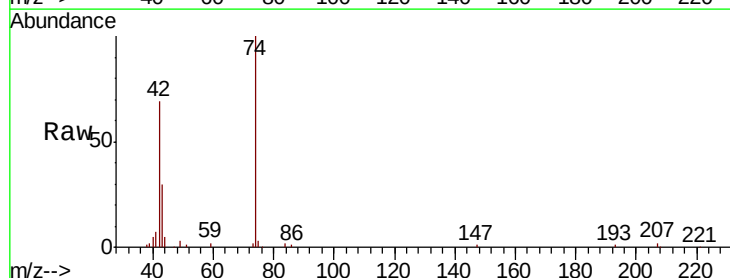
Tgt Ion: 42 Resp: 105851

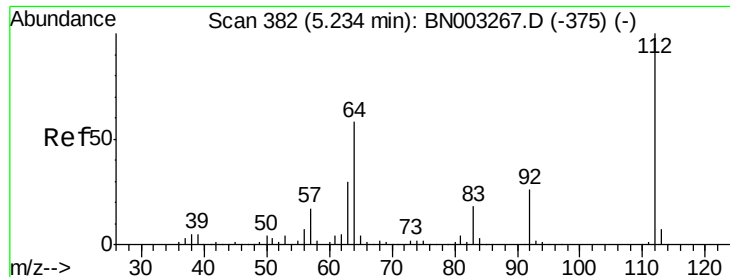
Ion Ratio Lower Upper

42 100

74 145.3 114.2 171.4

44 7.7 6.1 9.1





#5

2-Fluorophenol

Concen: 79.468 ng

RT: 5.23 min Scan# 381

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

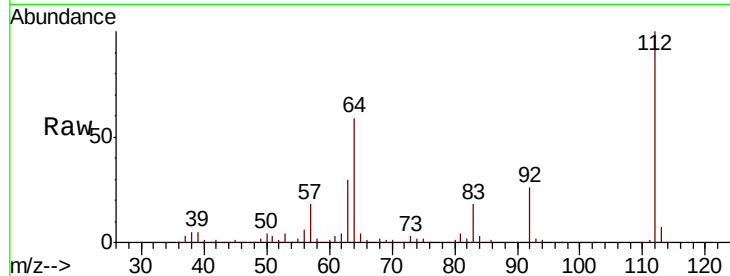
Tot Ion:112 Resp: 525669

Ion Ratio Lower Upper

112 100

64 59.4 46.6 69.8

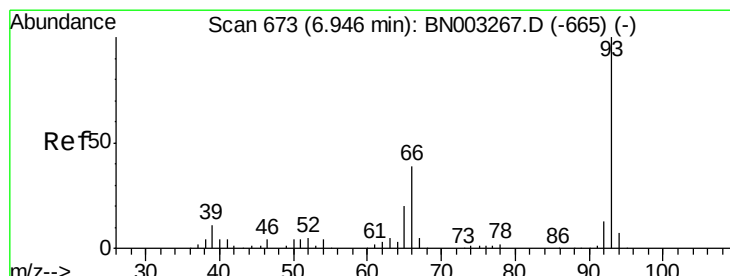
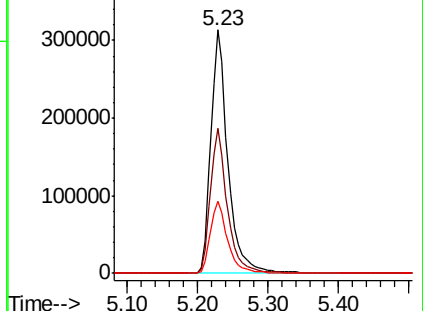
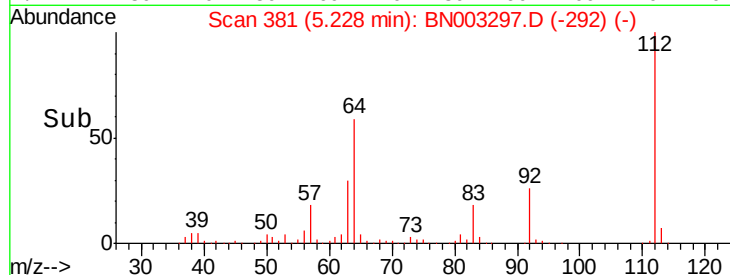
63 29.7 23.8 35.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 40.708 ng

RT: 6.94 min Scan# 672

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

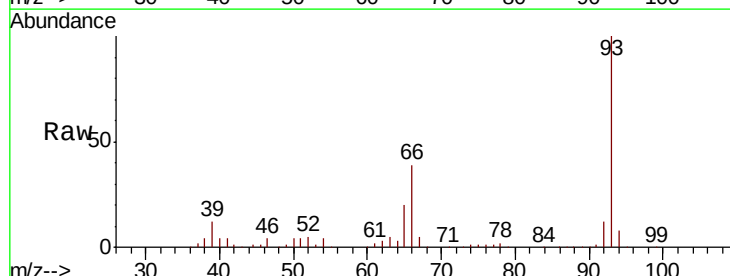
Tgt Ion: 93 Resp: 478134

Ion Ratio Lower Upper

93 100

66 39.0 31.4 47.0

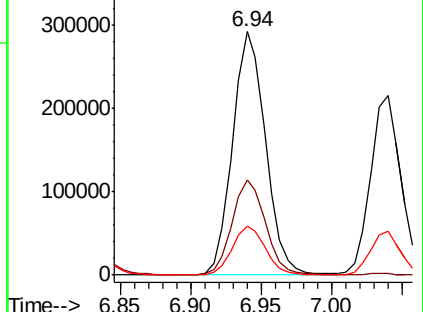
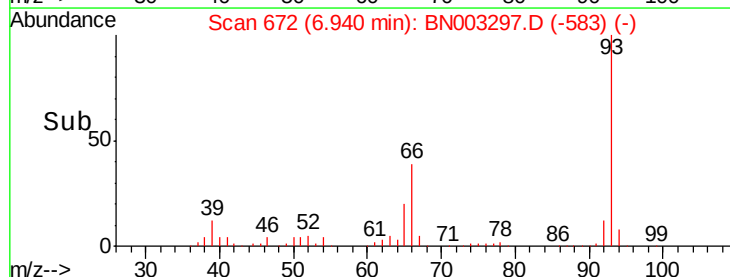
65 20.2 15.7 23.5

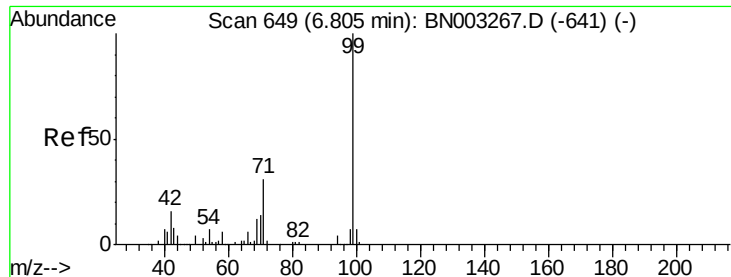


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 80.866 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

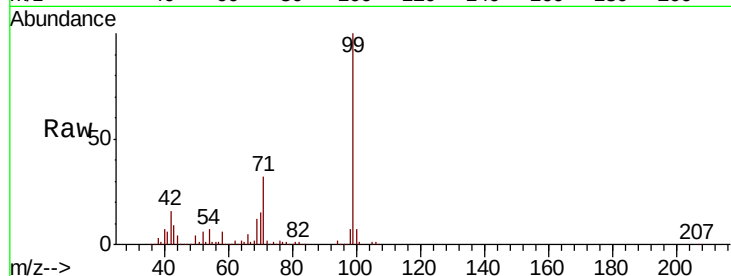
Tot Ion: 99 Resp: 760627

Ion Ratio Lower Upper

99 100

42 16.4 13.0 19.6

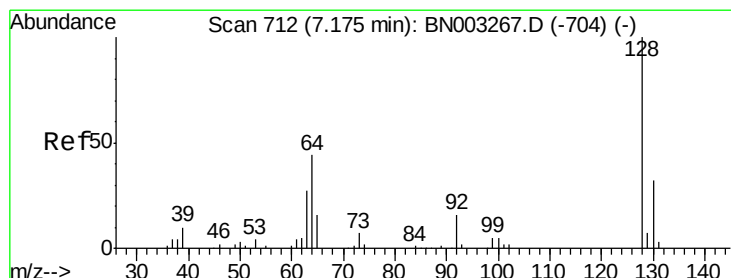
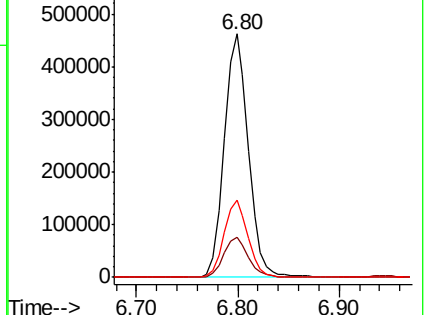
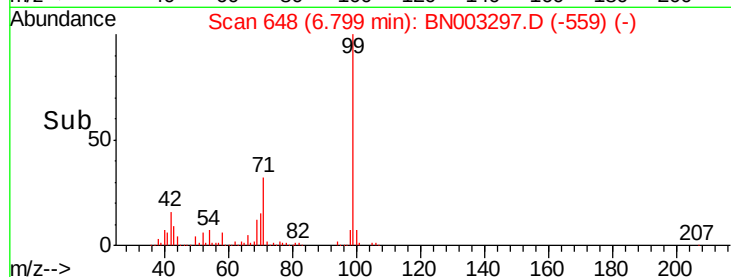
71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BN003267.D (-641) (-)

Ion 42.00 (41.70 to 42.70): BN003267.D (-641) (-)

Ion 71.00 (70.70 to 71.70): BN003267.D (-641) (-)



#8

2-Chlorophenol

Concen: 39.846 ng

RT: 7.17 min Scan# 711

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

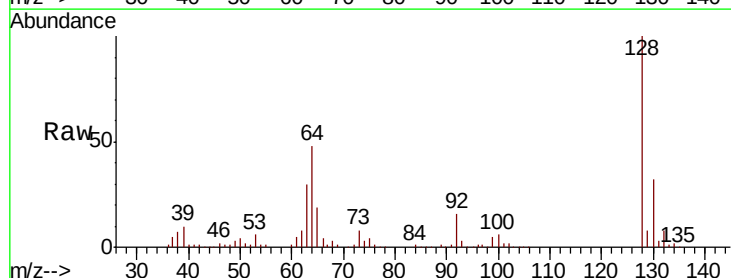
Tgt Ion: 128 Resp: 324640

Ion Ratio Lower Upper

128 100

130 31.6 12.4 52.4

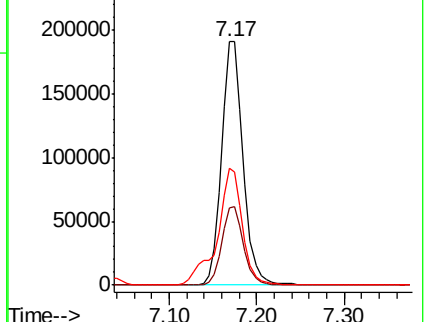
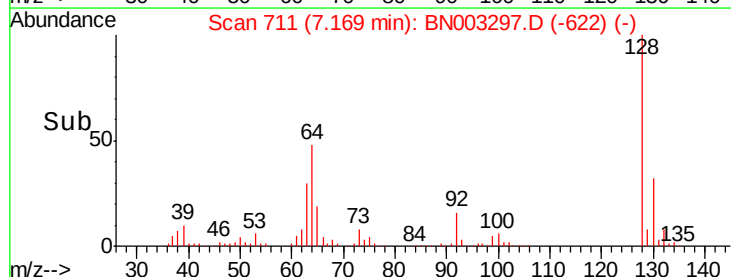
64 48.0 27.0 67.0



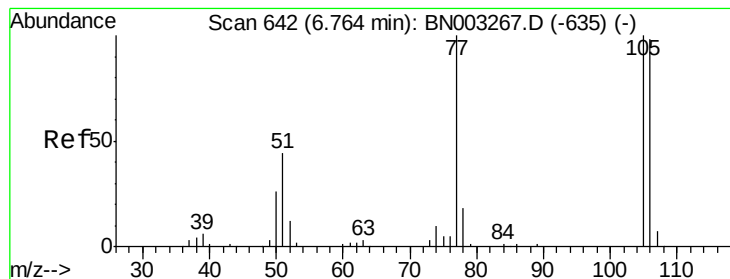
Abundance Ion 128.00 (127.70 to 128.70): BN003267.D (-704) (-)

Ion 130.00 (129.70 to 130.70): BN003267.D (-704) (-)

Ion 64.00 (63.70 to 64.70): BN003267.D (-704) (-)







#9

Benzaldehyde

Concen: 39.097 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampled :

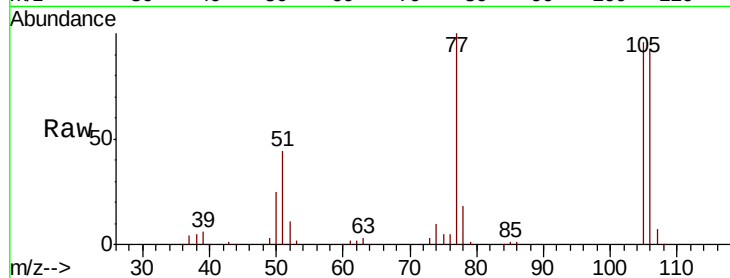
Tot Ion: 77 Resp: 213578

Ion Ratio Lower Upper

77 100

105 95.7 79.9 119.9

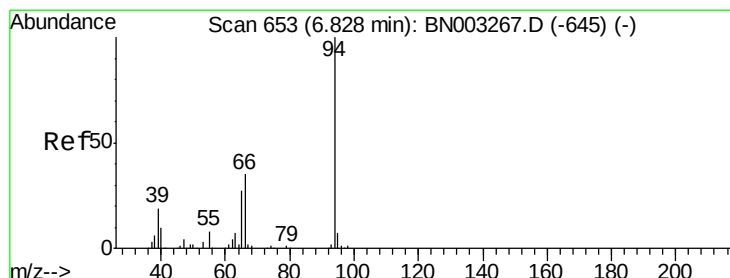
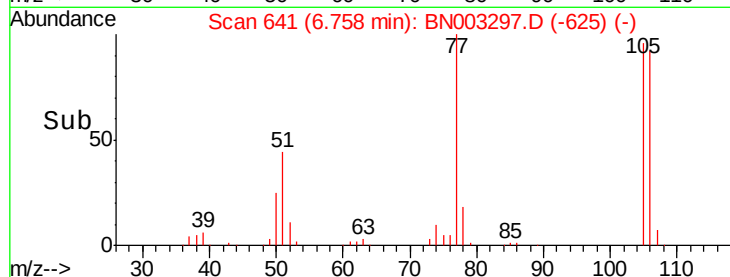
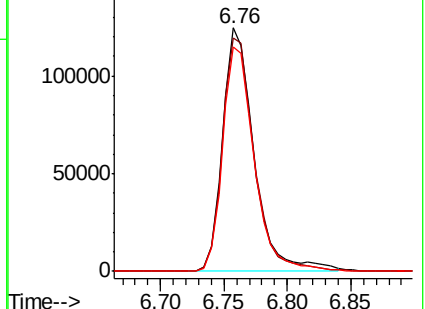
106 92.1 78.4 118.4



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: 40.618 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

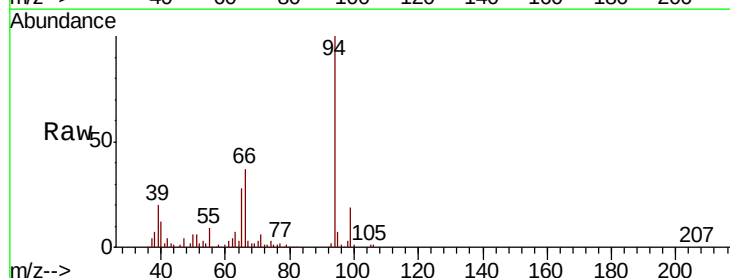
Tgt Ion: 94 Resp: 403174

Ion Ratio Lower Upper

94 100

65 28.1 7.7 47.7

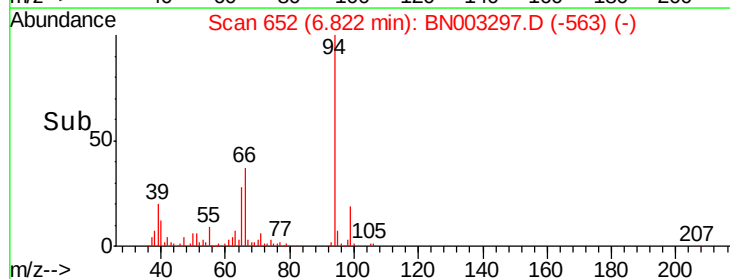
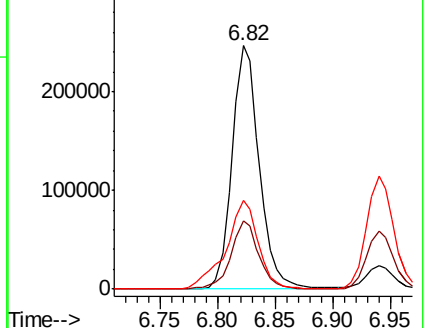
66 36.6 15.8 55.8



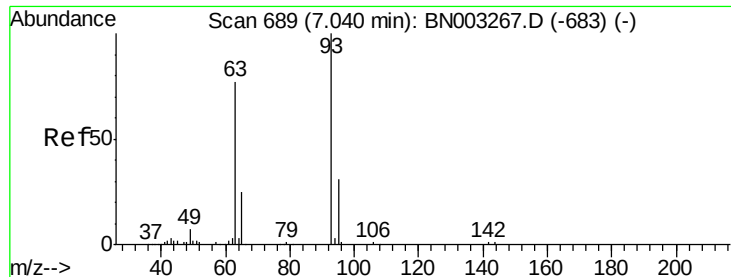
Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC



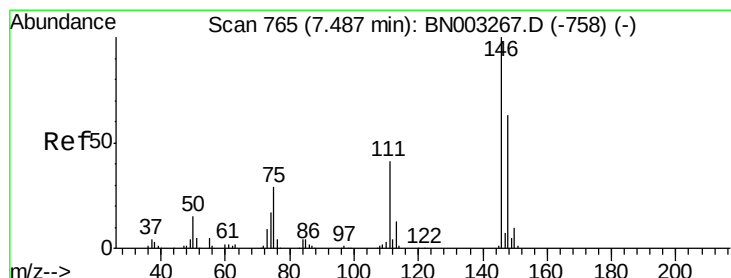
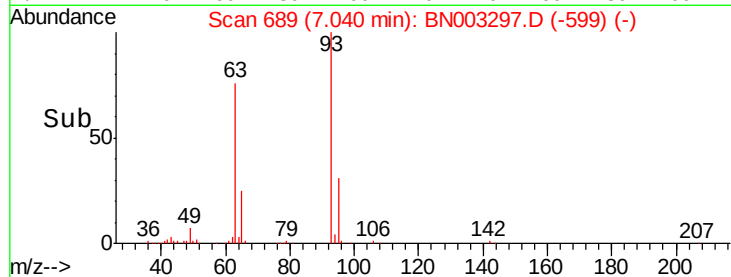
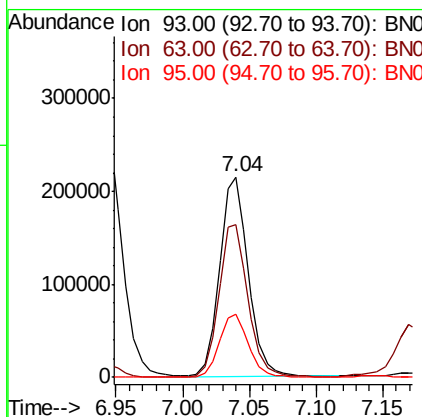
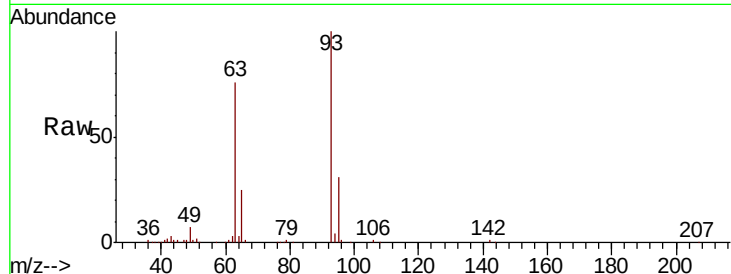




#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.894 ng  
 RT: 7.04 min Scan# 689  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

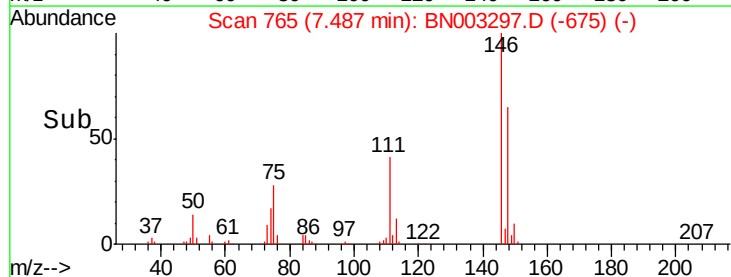
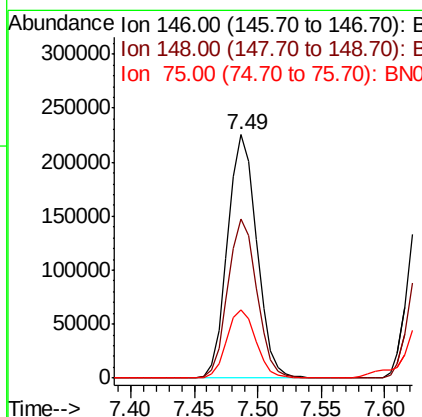
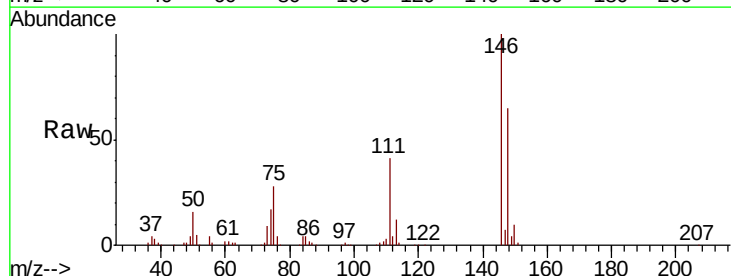
Instrument :  
 BNA\_N  
 ClientSampleId :

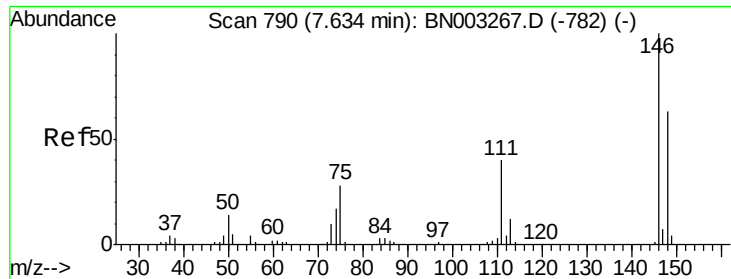
Tot Ion: 93 Resp: 323434  
 Ion Ratio Lower Upper  
 93 100  
 63 76.2 56.6 96.6  
 95 31.3 10.9 50.9



#12  
 1,3-Dichlorobenzene  
 Concen: 39.764 ng  
 RT: 7.49 min Scan# 765  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Tgt Ion: 146 Resp: 360205  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 50.1 75.1  
 75 28.1 22.9 34.3

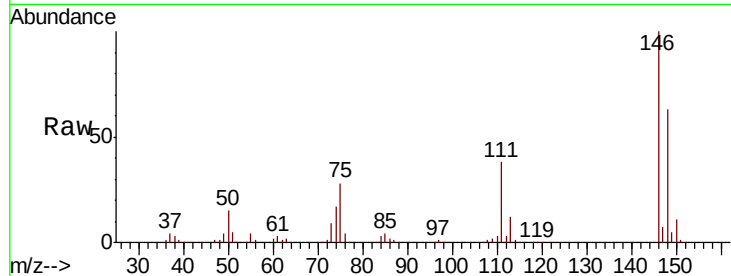




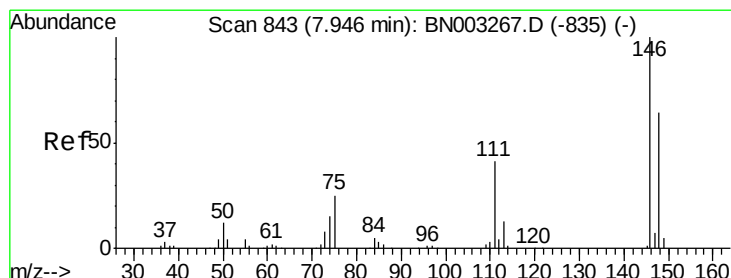
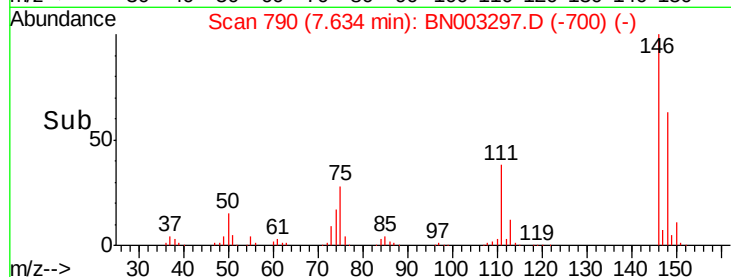
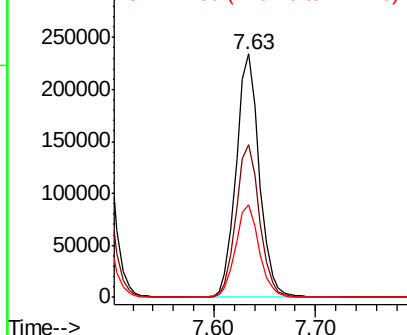
#13  
 1,4-Dichlorobenzene  
 Concen: 39.892 ng  
 RT: 7.63 min Scan# 790  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:146 Resp: 372088  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 50.2 75.2  
 111 38.2 32.1 48.1

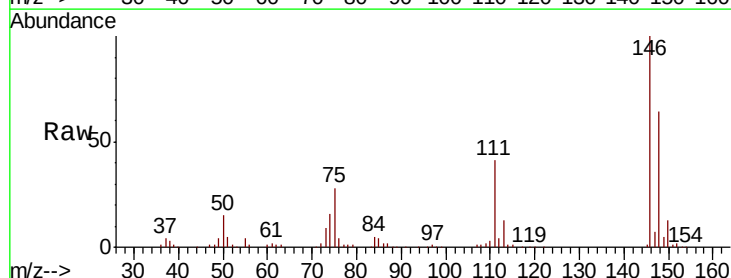


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

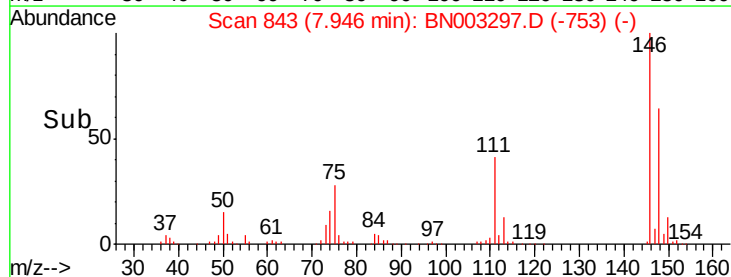
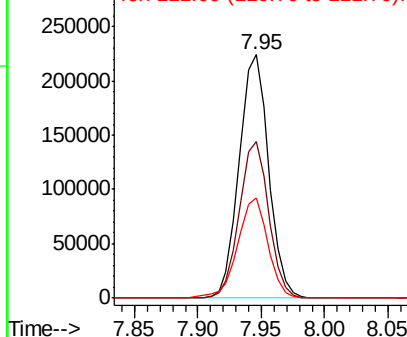


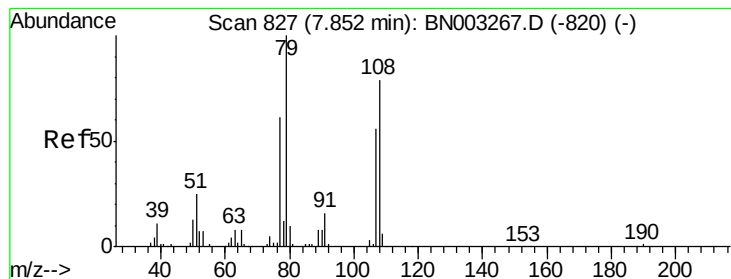
#14  
 1,2-Dichlorobenzene  
 Concen: 39.978 ng  
 RT: 7.95 min Scan# 843  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Tgt Ion:146 Resp: 361904  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 51.4 77.2  
 111 41.3 33.1 49.7



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.373 ng

RT: 7.85 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

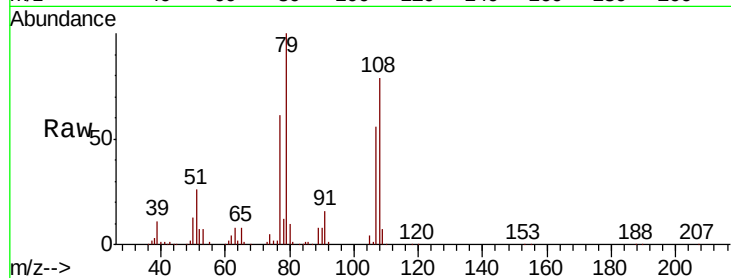
Tot Ion: 79 Resp: 280434

Ion Ratio Lower Upper

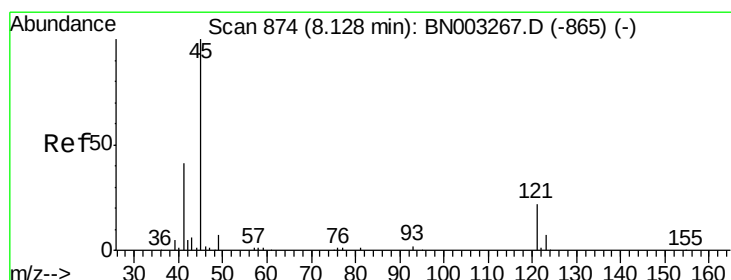
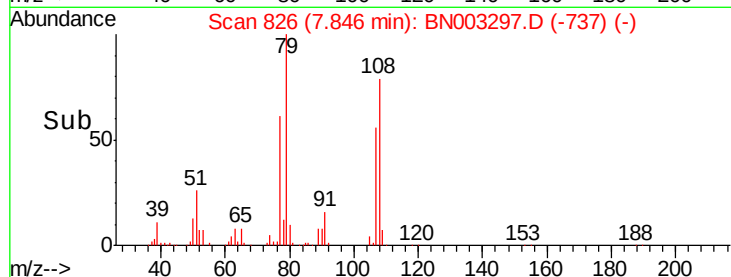
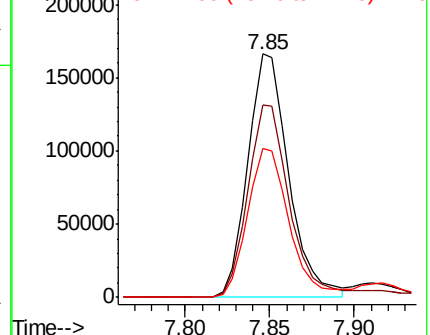
79 100

108 79.1 63.3 94.9

77 61.3 49.0 73.6



Abundance Ion 79.00 (78.70 to 79.70): BNC  
Ion 108.00 (107.70 to 108.70): BNC  
Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.999 ng

RT: 8.13 min Scan# 874

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

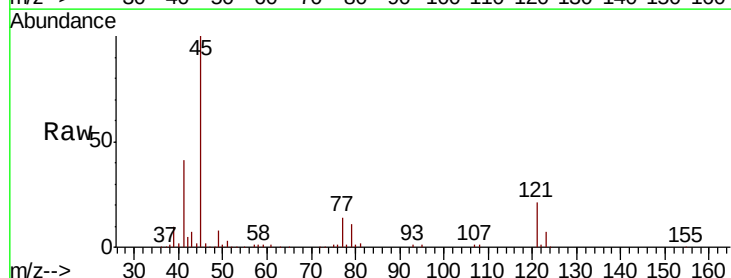
Tgt Ion: 45 Resp: 475448

Ion Ratio Lower Upper

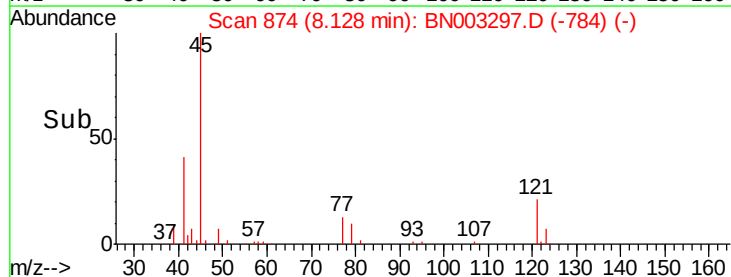
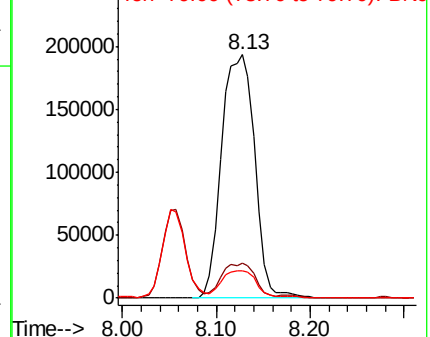
45 100

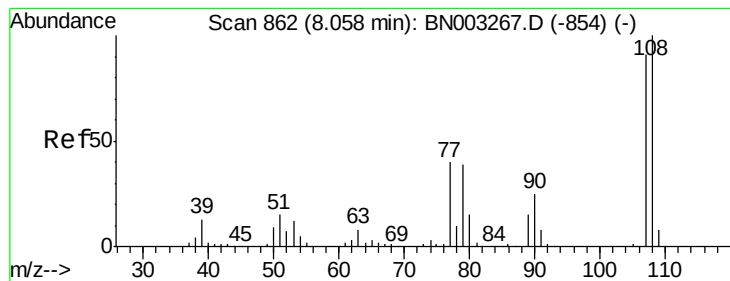
77 14.4 0.0 34.0

79 11.2 0.0 30.9



Abundance Ion 45.00 (44.70 to 45.70): BNC  
Ion 77.00 (76.70 to 77.70): BNC  
Ion 79.00 (78.70 to 79.70): BNC

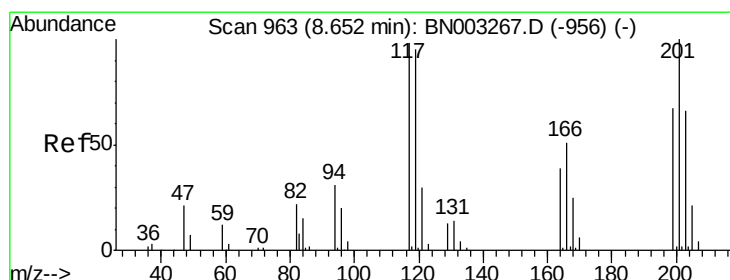
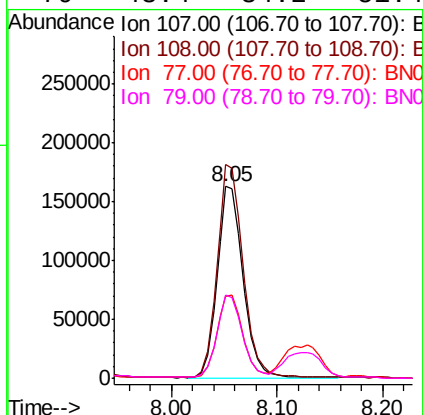
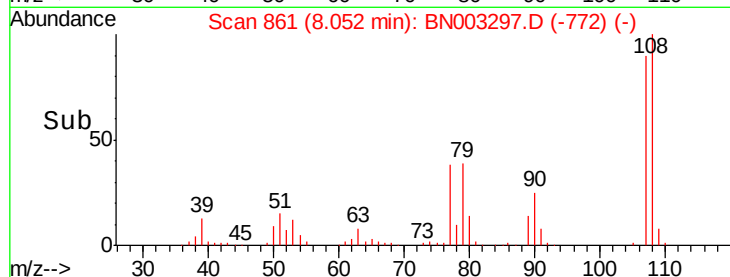
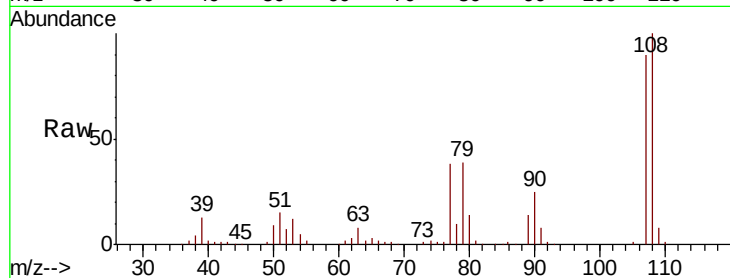




#17  
2-Methylphenol  
Concen: 40.789 ng  
RT: 8.05 min Scan# 861  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

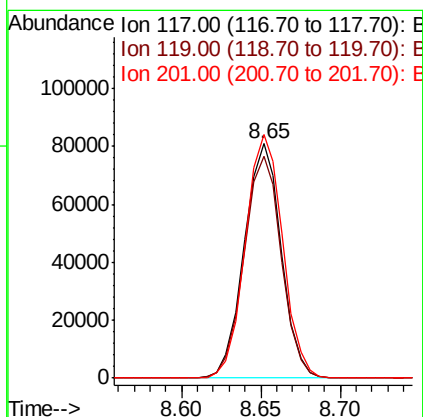
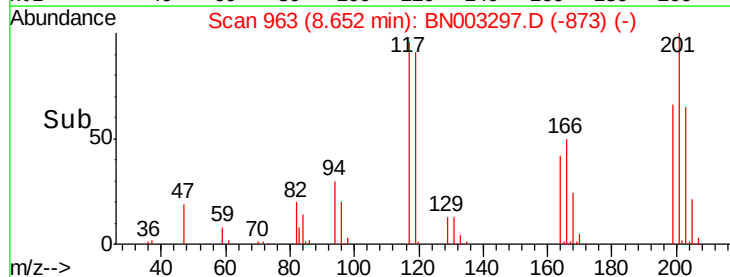
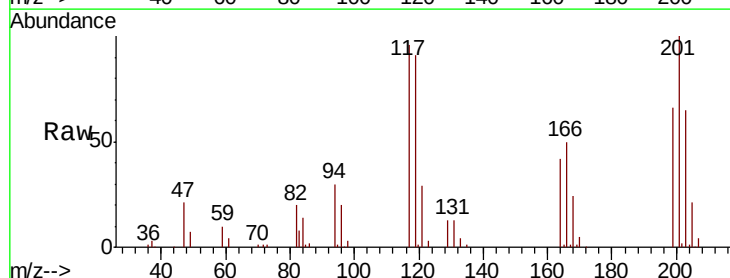
Instrument :  
BNA\_N  
ClientSampleId :

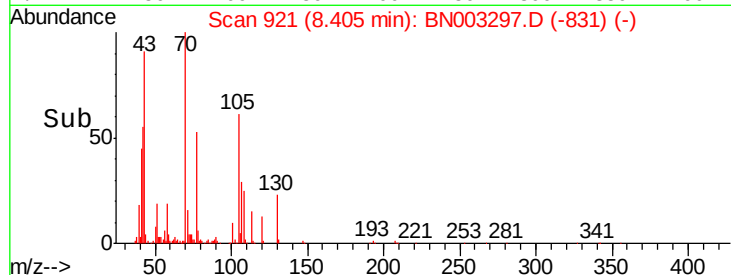
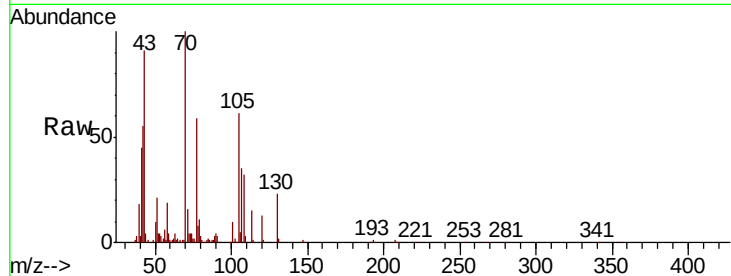
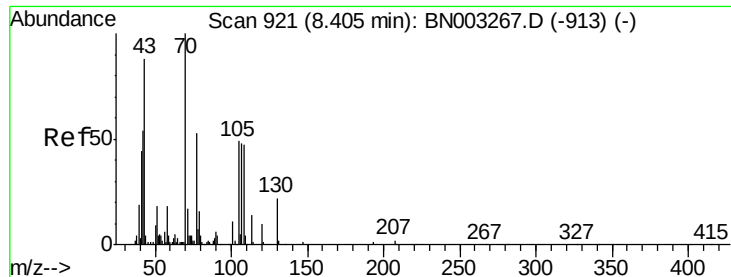
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.4 | 87.6  | 131.4 |
| 77      | 42.5  | 35.3  | 52.9  |
| 79      | 43.4  | 34.2  | 51.4  |



#18  
Hexachloroethane  
Concen: 40.021 ng  
RT: 8.65 min Scan# 963  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 94.8  | 77.8  | 116.6 |
| 201     | 103.9 | 81.4  | 122.2 |

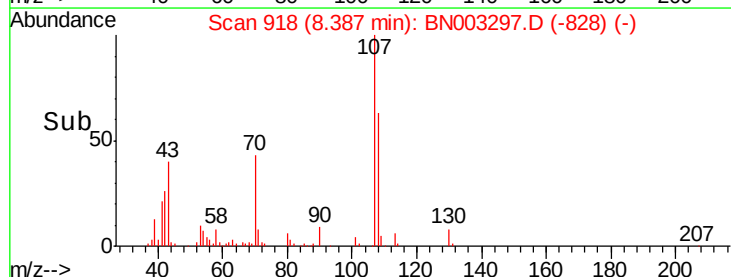
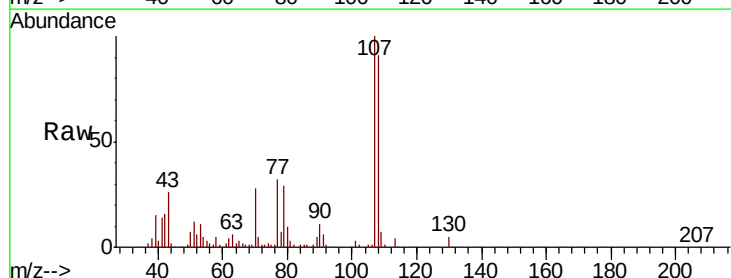
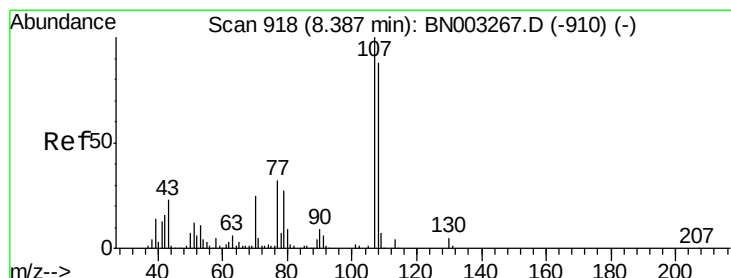
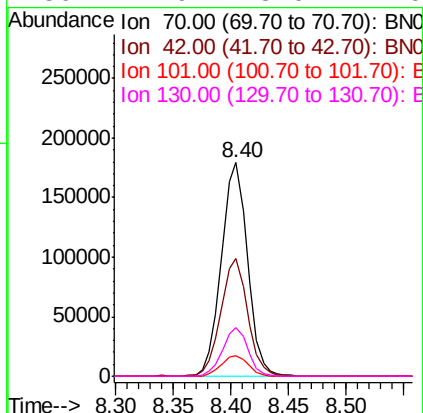




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.544 ng  
RT: 8.40 min Scan# 921  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

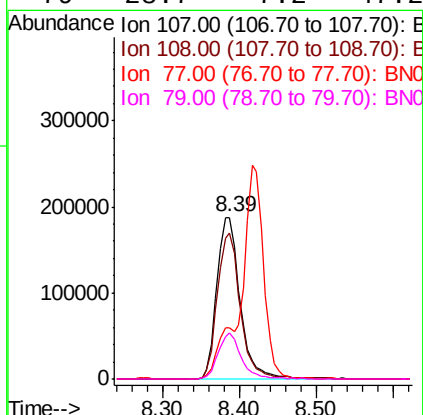
Instrument :  
BNA\_N  
ClientSampleId :

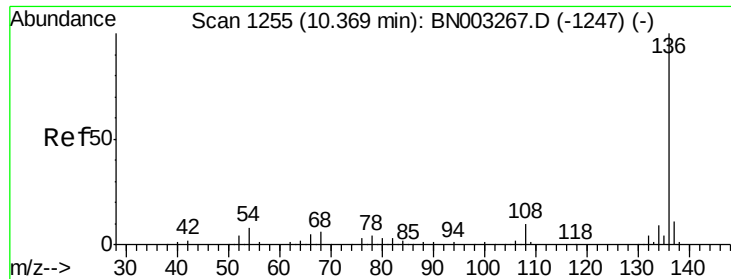
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 281782 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 55.0  | 43.5  | 65.3   |
| 101      | 9.8   | 8.6   | 12.8   |
| 130      | 22.9  | 18.0  | 27.0   |



#20  
3+4-Methylphenols  
Concen: 40.700 ng  
RT: 8.39 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 392198 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.5  | 67.8  | 107.8  |
| 77       | 32.0  | 12.1  | 52.1   |
| 79       | 28.7  | 7.2   | 47.2   |

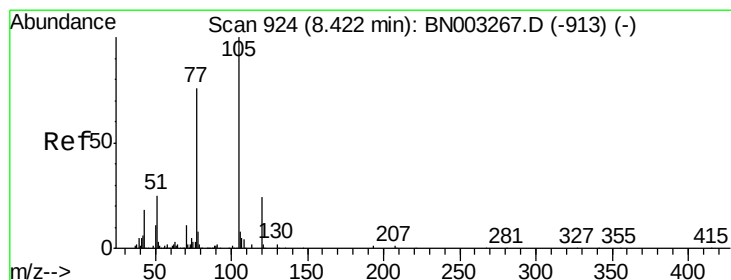
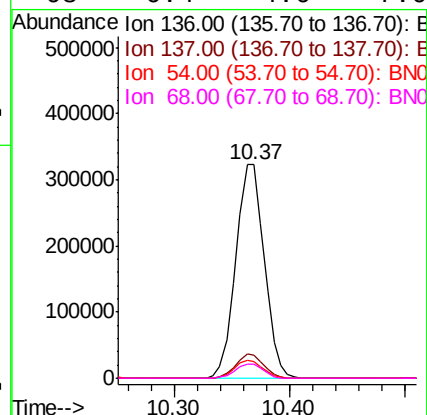
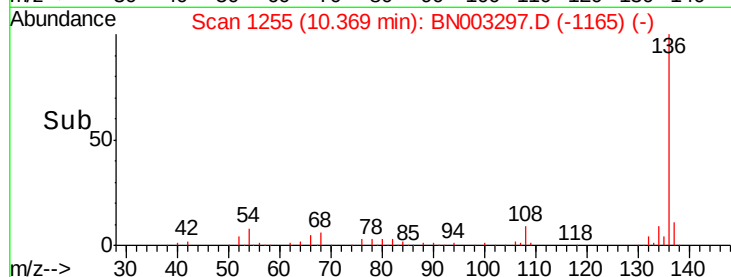
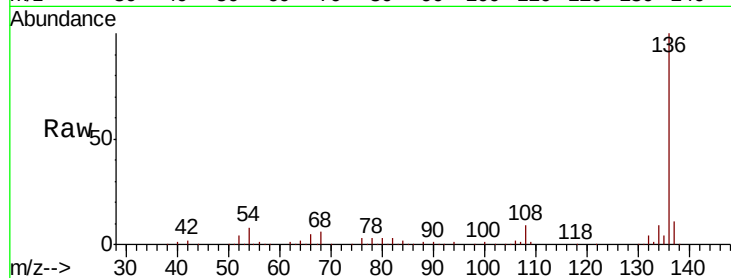




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.37 min Scan# 1255  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

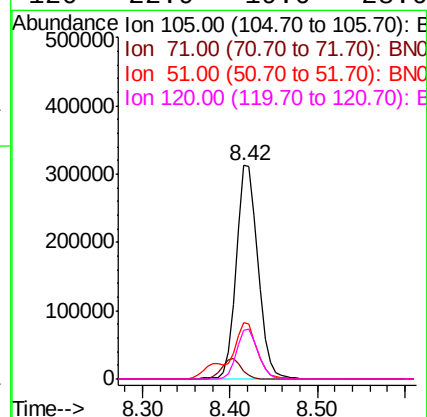
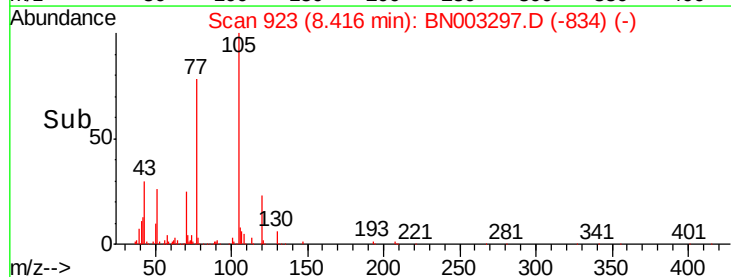
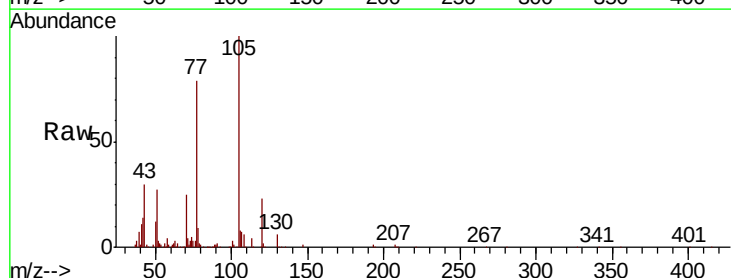
Instrument :  
BNA\_N  
ClientSampled :

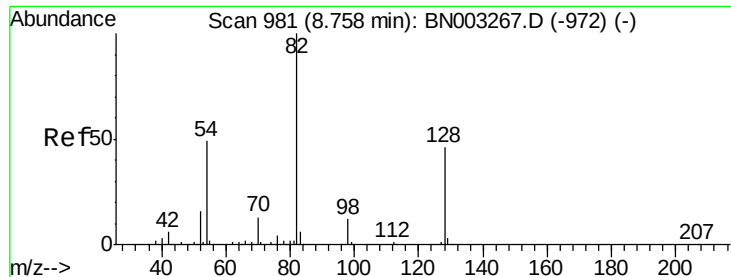
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 552289 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 10.8    | 8.7   | 13.1   |
| 54 8.0      | 6.6   | 10.0   |
| 68 6.4      | 4.6   | 7.0    |



#22  
Acetophenone  
Concen: 39.304 ng  
RT: 8.42 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 526174 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 3.9     | 1.3   | 1.9#   |
| 51  | 26.6    | 20.5  | 30.7   |
| 120 | 22.9    | 19.0  | 28.6   |

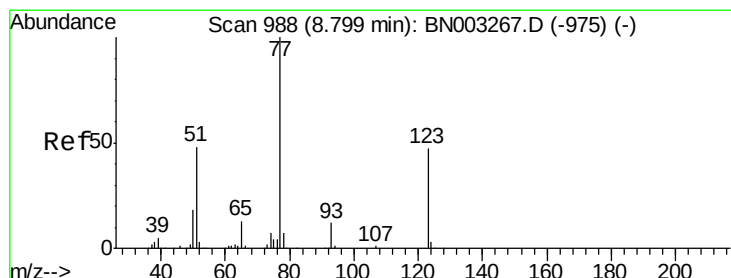
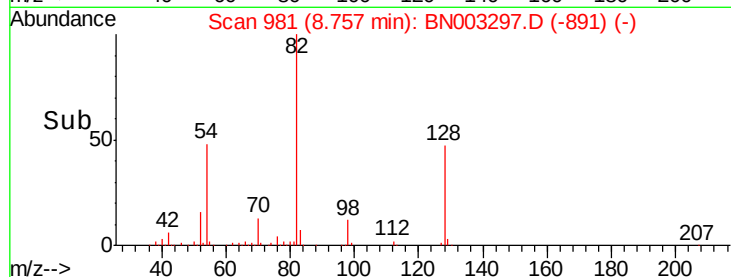
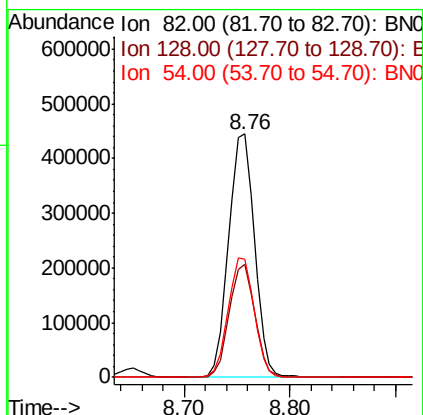
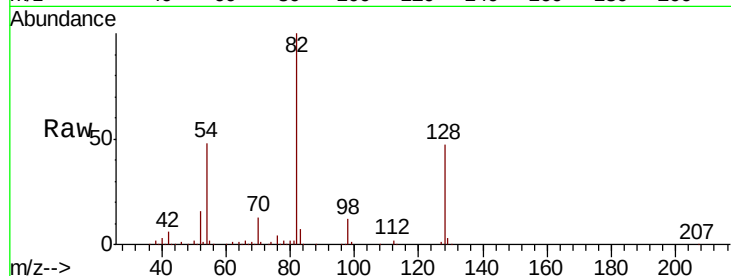




#23  
 Nitrobenzene-d5  
 Concen: 78.408 ng  
 RT: 8.76 min Scan# 981  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

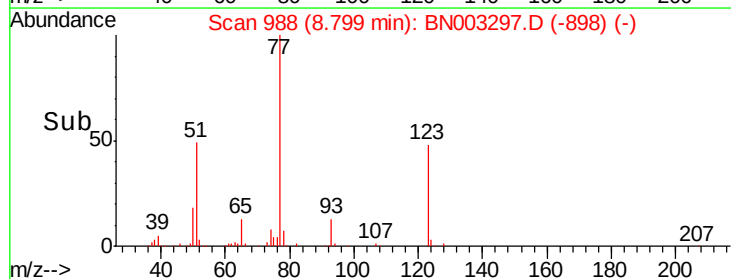
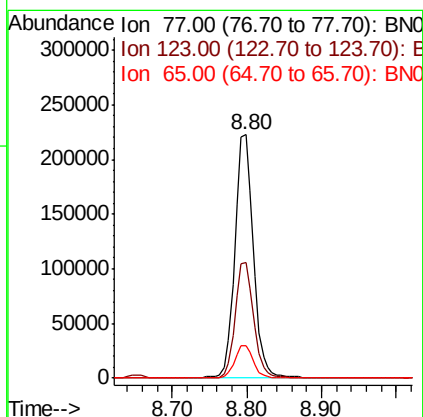
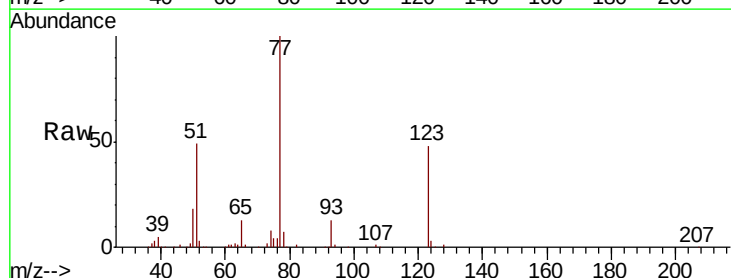
Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion   | 82   | Resp  | 755090 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 128       | 46.6 | 37.1  | 55.7   |
| 54        | 48.5 | 39.4  | 59.2   |

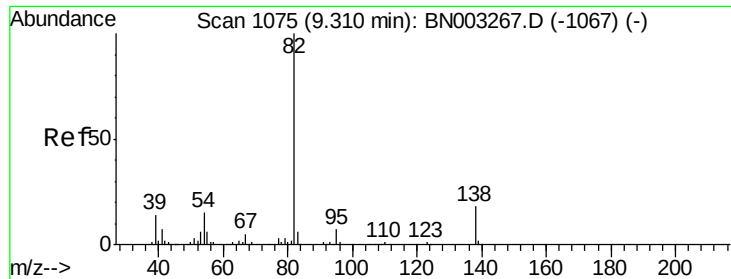


#24  
 Nitrobenzene  
 Concen: 39.350 ng  
 RT: 8.80 min Scan# 988  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

| Tgt Ion   | 77   | Resp  | 386695 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 47.7 | 37.8  | 56.6   |
| 65        | 13.2 | 10.7  | 16.1   |







#25

Isophorone

Concen: 40.015 ng

RT: 9.31 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

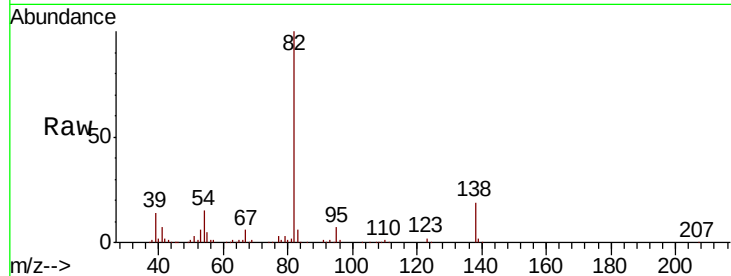
Tot Ion: 82 Resp: 675952

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.0

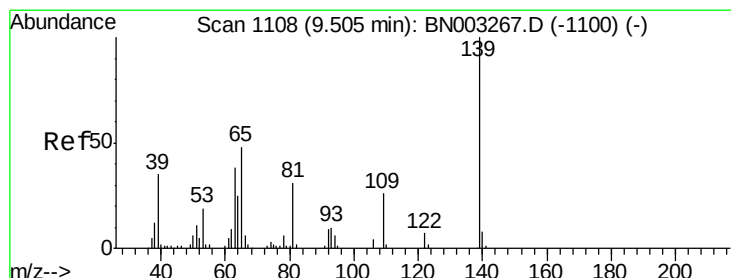
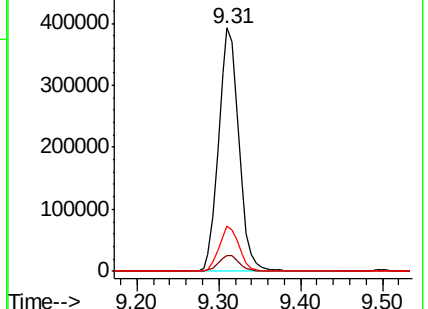
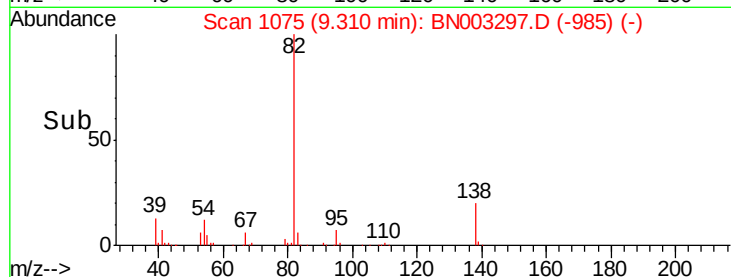
138 18.5 14.5 21.7



Abundance Ion 82.00 (81.70 to 82.70): BN003267.D (-1067) (-)

Ion 95.00 (94.70 to 95.70): BN003267.D (-1067) (-)

Ion 138.00 (137.70 to 138.70): BN003267.D (-1067) (-)



#26

2-Nitrophenol

Concen: 40.095 ng

RT: 9.50 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

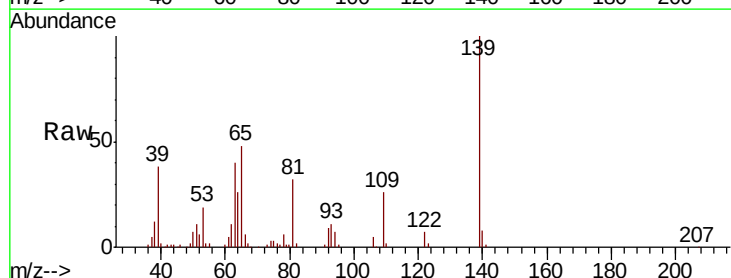
Tgt Ion: 139 Resp: 207387

Ion Ratio Lower Upper

139 100

109 26.1 20.5 30.7

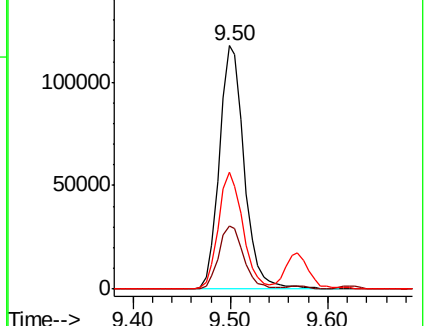
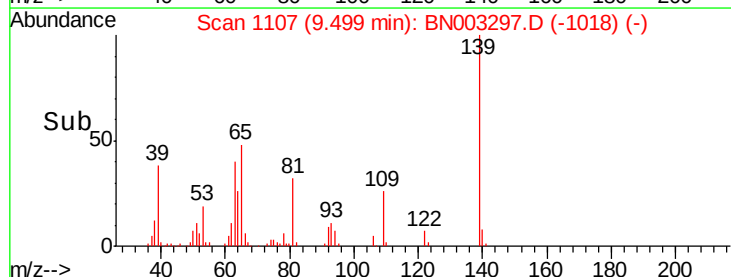
65 48.0 38.4 57.6

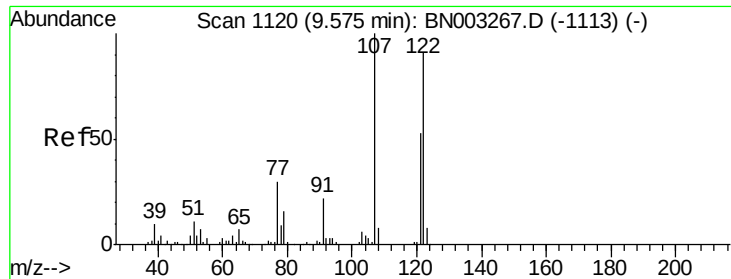


Abundance Ion 139.00 (138.70 to 139.70): BN003267.D (-1100) (-)

Ion 109.00 (108.70 to 109.70): BN003267.D (-1100) (-)

Ion 65.00 (64.70 to 65.70): BN003267.D (-1100) (-)

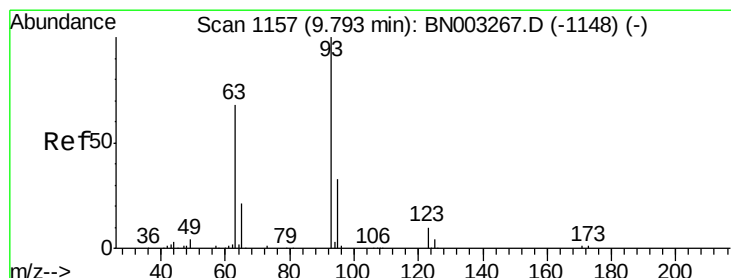
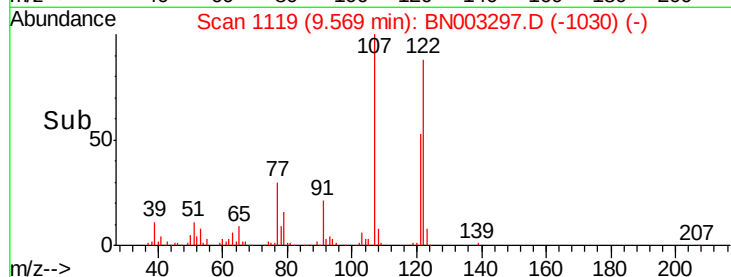
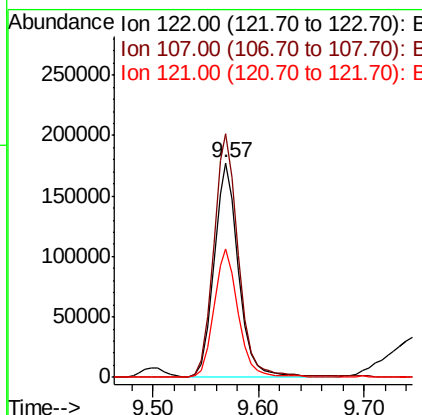
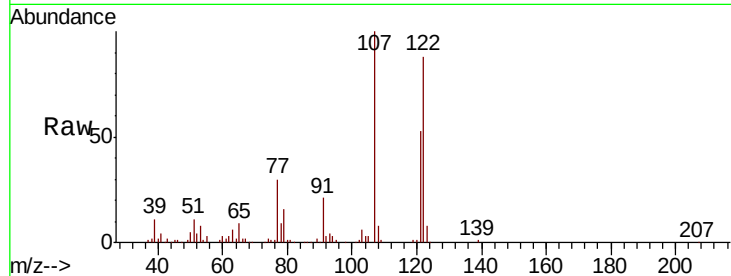




#27  
 2,4-Dimethylphenol  
 Concen: 39.111 ng  
 RT: 9.57 min Scan# 1119  
 Delta R.T. -0.01 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

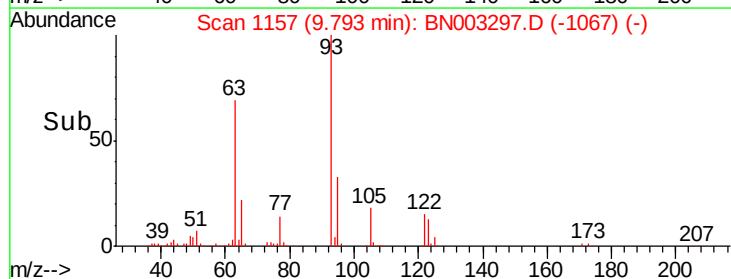
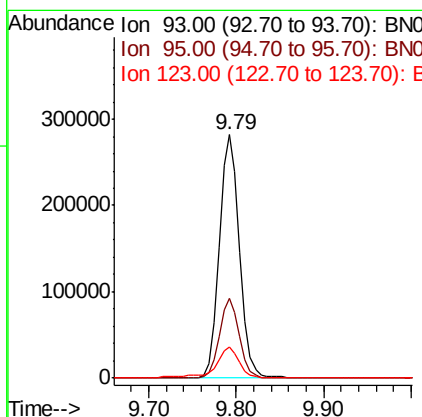
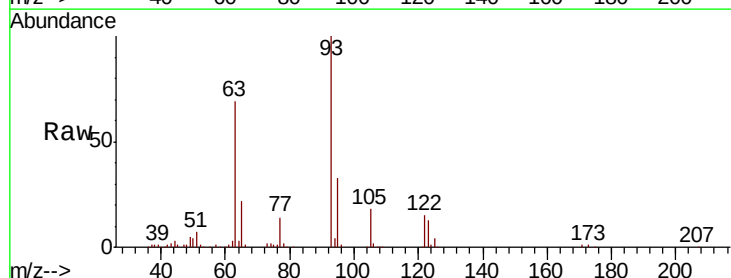
Instrument :  
 BNA\_N  
 ClientSampleId :

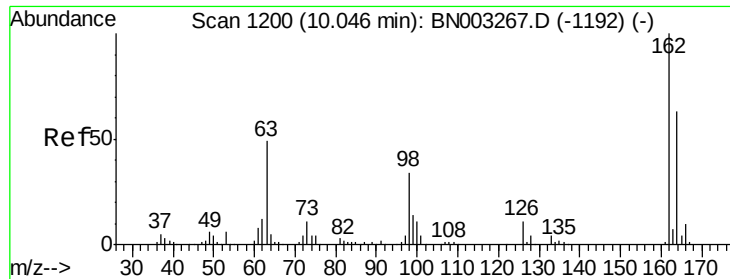
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 113.5 | 87.8  | 131.6 |
| 121     | 59.7  | 46.9  | 70.3  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.395 ng  
 RT: 9.79 min Scan# 1157  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.2  | 39.4  |
| 123     | 12.9  | 9.1   | 13.7  |

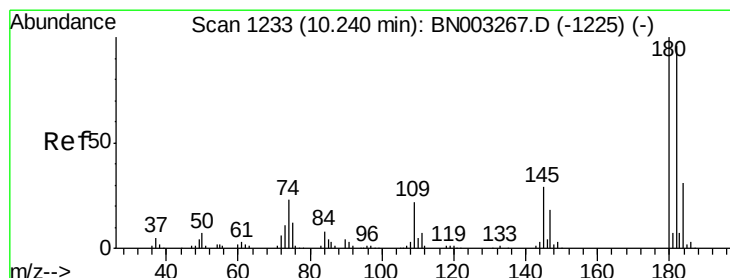
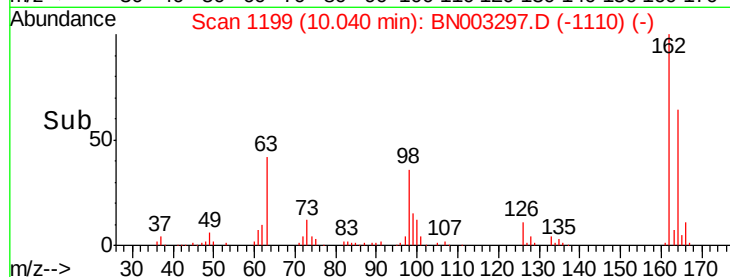
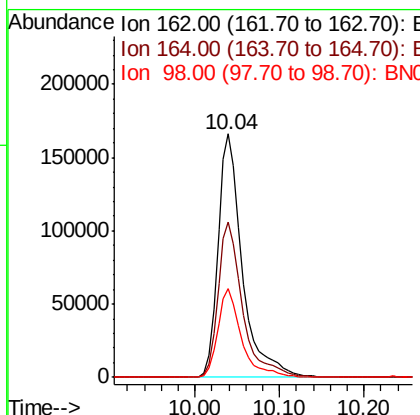
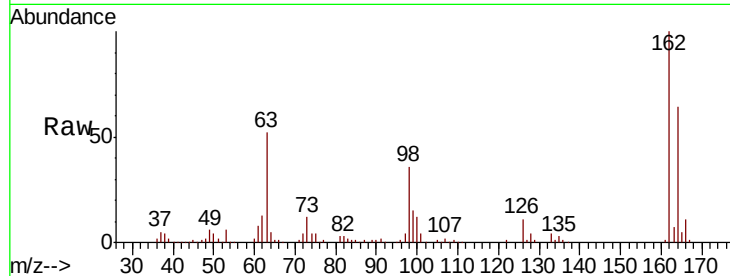




#29  
 2,4-Dichlorophenol  
 Concen: 40.131 ng  
 RT: 10.04 min Scan# 1199  
 Delta R.T. -0.01 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

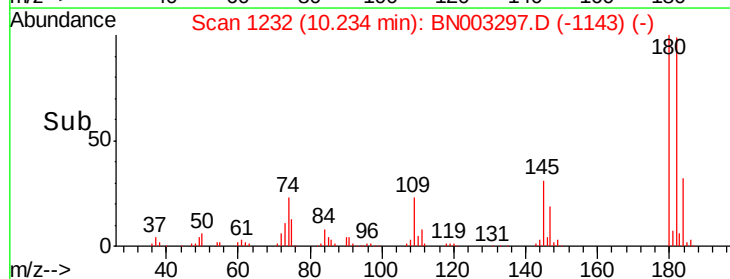
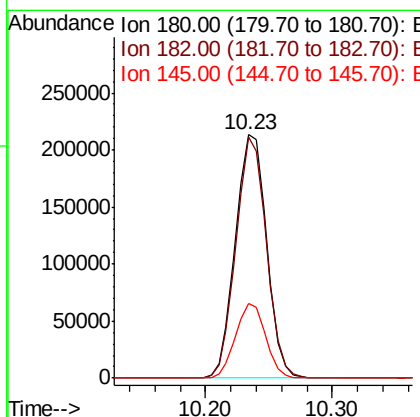
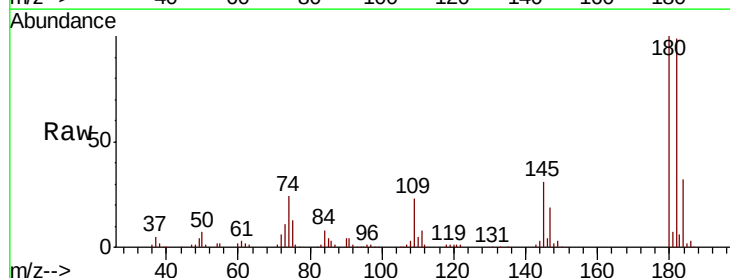
Instrument :  
 BNA\_N  
 ClientSampleId :

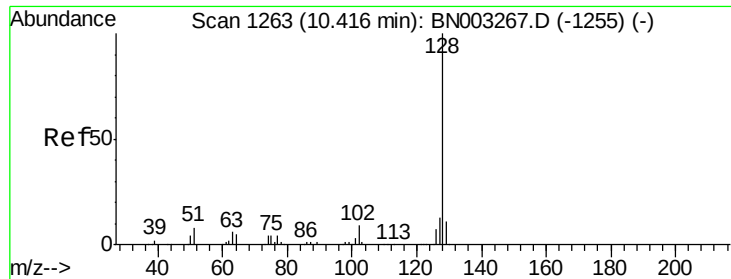
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.0  | 42.5  | 82.5  |
| 98      | 36.2  | 14.0  | 54.0  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.687 ng  
 RT: 10.23 min Scan# 1232  
 Delta R.T. -0.01 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.9  | 76.4  | 114.6 |
| 145     | 30.6  | 23.6  | 35.4  |

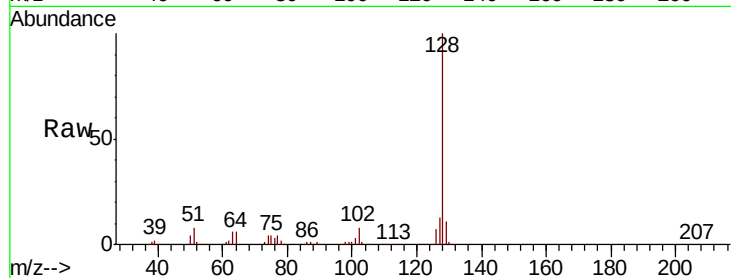




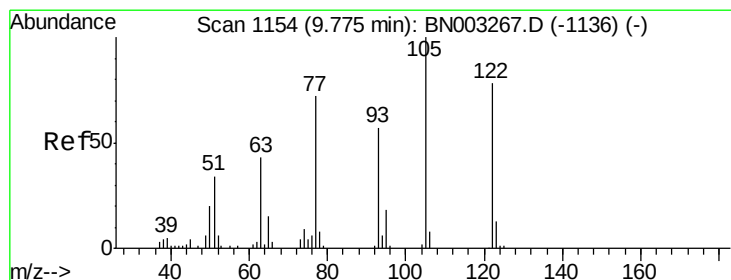
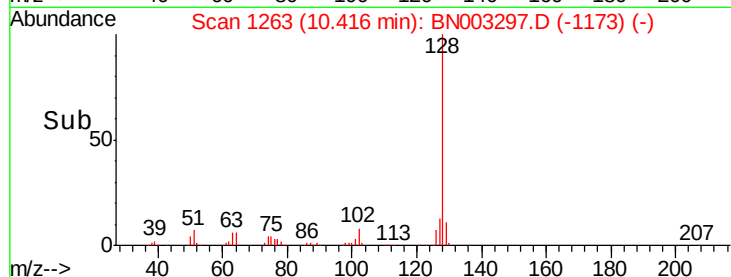
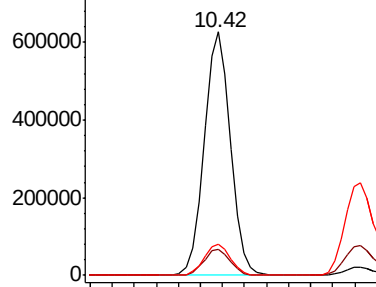
#31  
Naphthalene  
Concen: 38.517 ng  
RT: 10.42 min Scan# 1263  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:128 Resp: 1039534  
Ion Ratio Lower Upper  
128 100  
129 10.8 9.0 13.6  
127 12.9 10.4 15.6

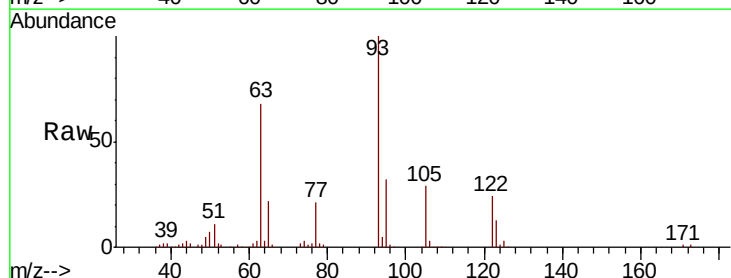


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

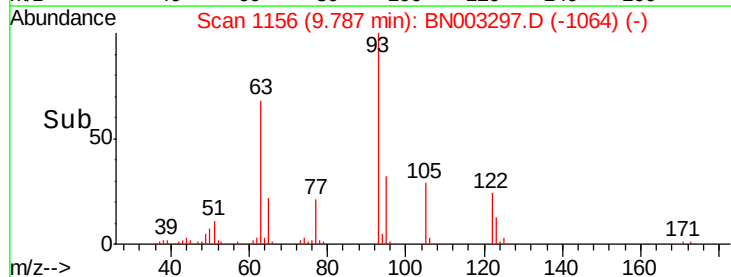
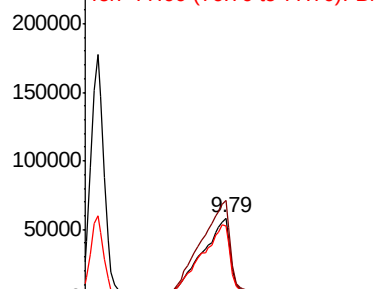


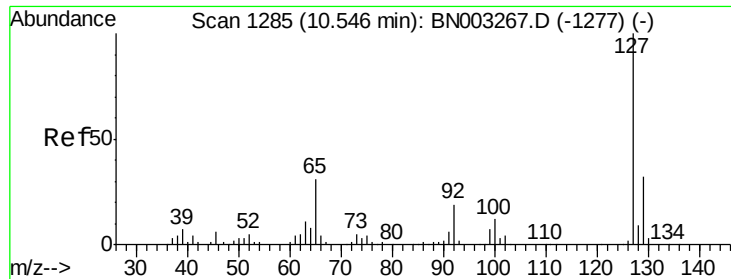
#32  
Benzoic acid  
Concen: 36.191 ng  
RT: 9.79 min Scan# 1156  
Delta R.T. 0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion:122 Resp: 216611  
Ion Ratio Lower Upper  
122 100  
105 121.9 106.8 146.8  
77 89.4 71.9 111.9



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): BNO

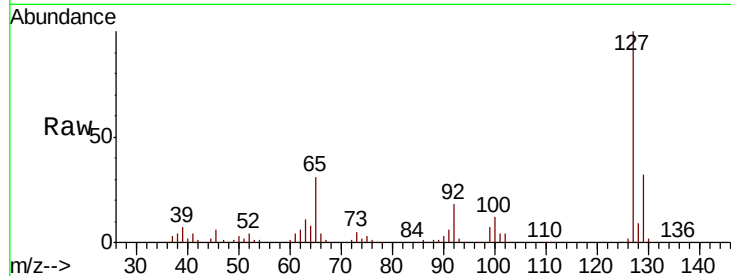




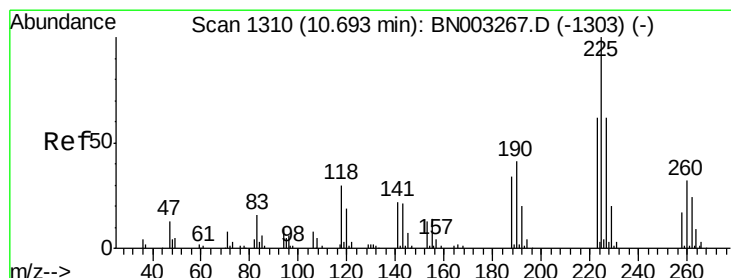
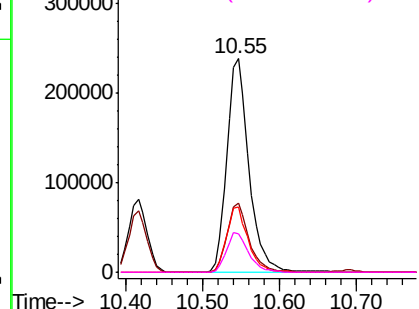
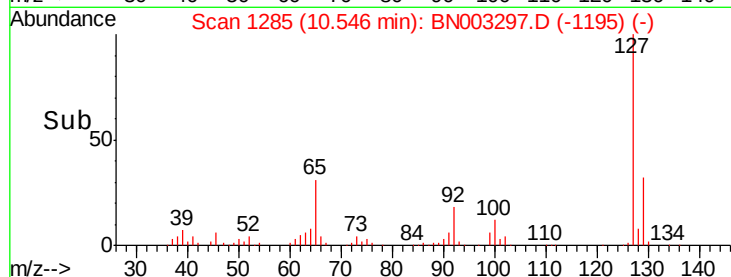
#33  
4-Chloroaniline  
Concen: 39.793 ng  
RT: 10.55 min Scan# 1285  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 474549 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.8  | 38.6   |
| 65       | 30.7  | 24.6  | 36.8   |
| 92       | 18.3  | 15.3  | 22.9   |

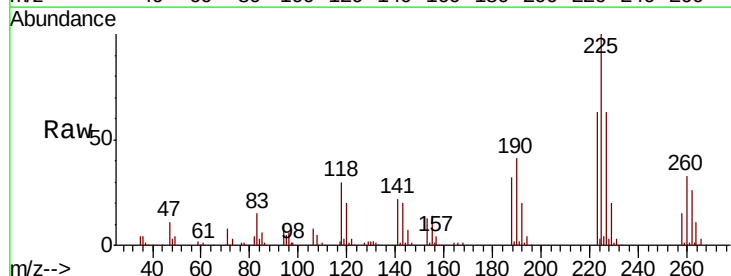


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BNC  
Ion 92.00 (91.70 to 92.70): BNC

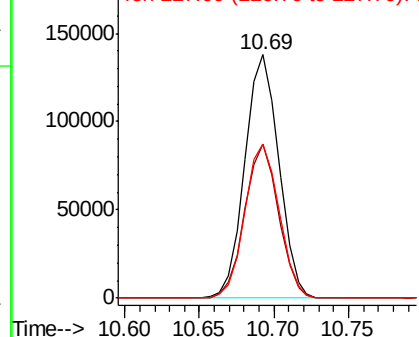
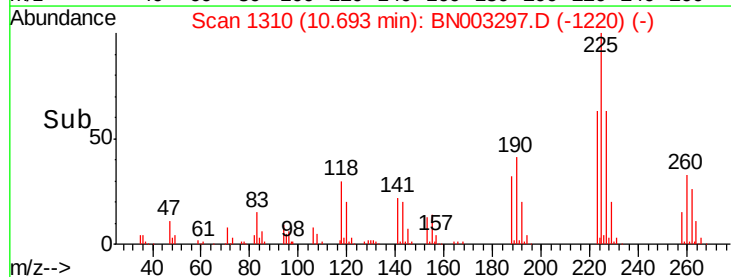


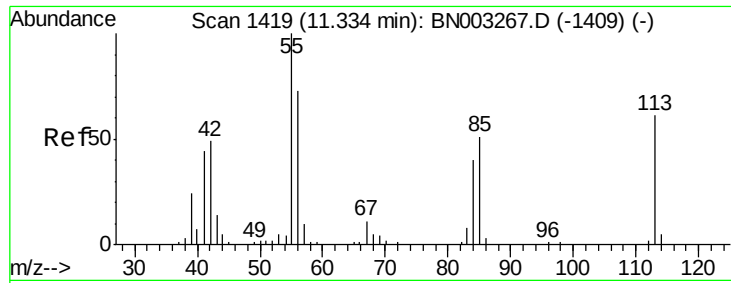
#34  
Hexachlorobutadiene  
Concen: 38.695 ng  
RT: 10.69 min Scan# 1310  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 217859 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 49.8  | 74.8   |
| 227      | 63.2  | 49.6  | 74.4   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

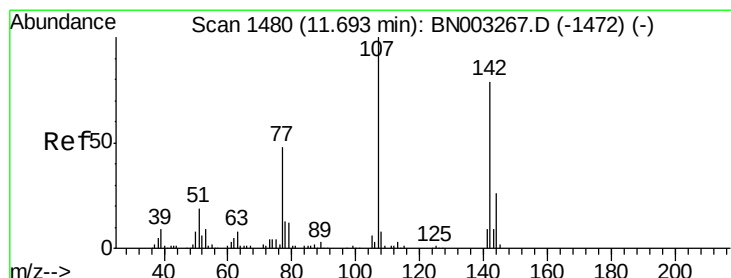
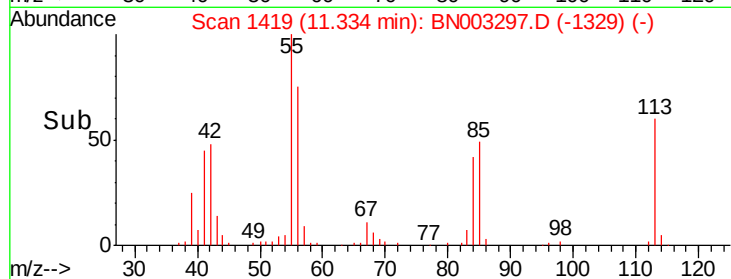
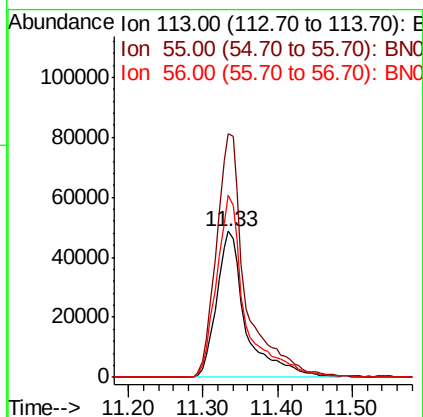
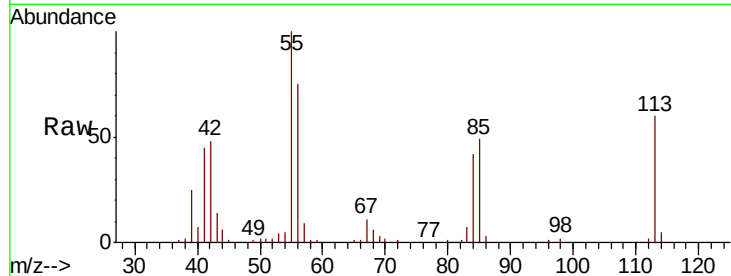




#35  
Caprolactam  
Concen: 40.923 ng  
RT: 11.33 min Scan# 1419  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

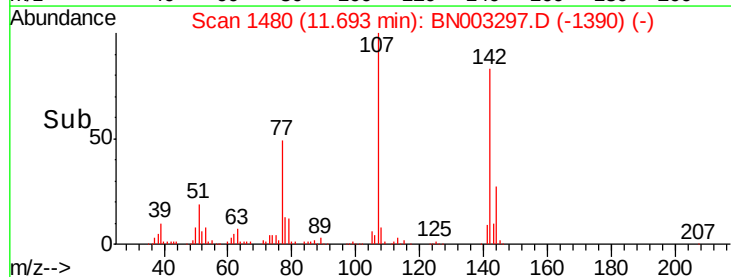
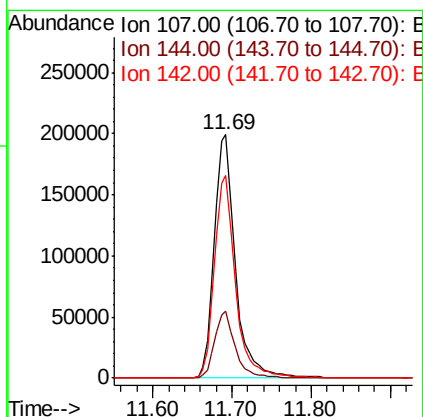
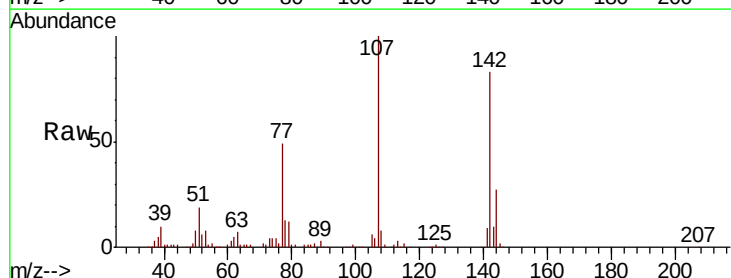
Instrument :  
BNA\_N  
ClientSampled :

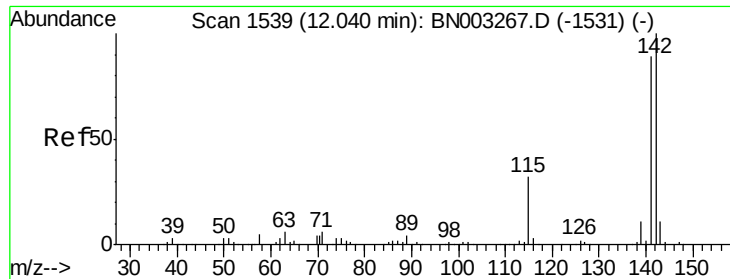
Tot Ion:113 Resp: 132981  
Ion Ratio Lower Upper  
113 100  
55 166.5 144.2 184.2  
56 124.5 100.6 140.6



#36  
4-Chloro-3-methylphenol  
Concen: 39.940 ng  
RT: 11.69 min Scan# 1480  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion:107 Resp: 369687  
Ion Ratio Lower Upper  
107 100  
144 27.3 20.8 31.2  
142 83.4 63.5 95.3

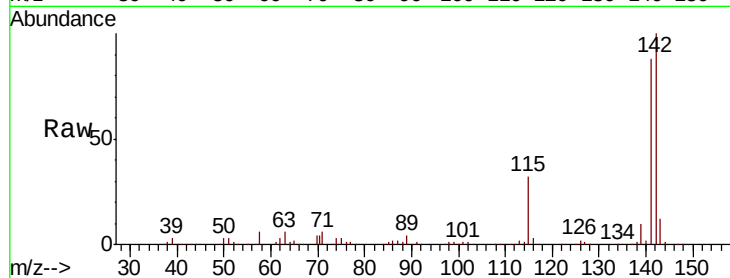




#37  
2-Methylnaphthalene  
Concen: 39.007 ng  
RT: 12.03 min Scan# 1538  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.8  | 71.6  | 107.4 |
| 115     | 31.7  | 25.5  | 38.3  |

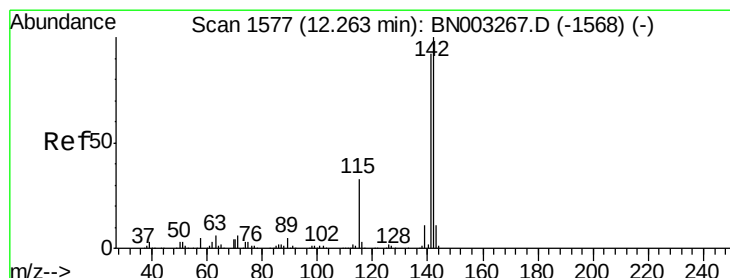
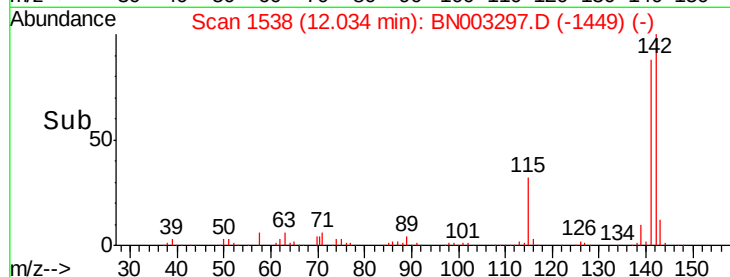
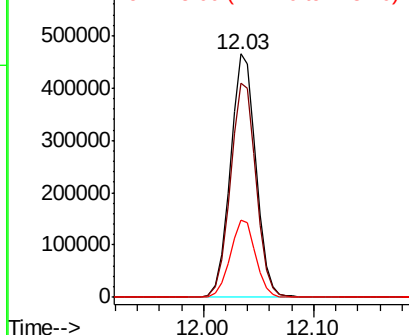


Abundance

Ion 142.00 (141.70 to 142.70): E

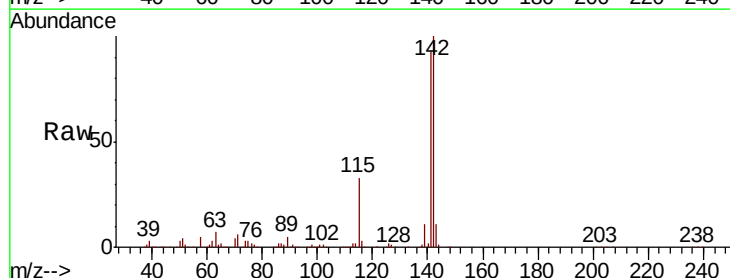
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 39.086 ng  
RT: 12.26 min Scan# 1576  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.9  | 73.6  | 110.4 |
| 116     | 3.3   | 2.8   | 4.2   |

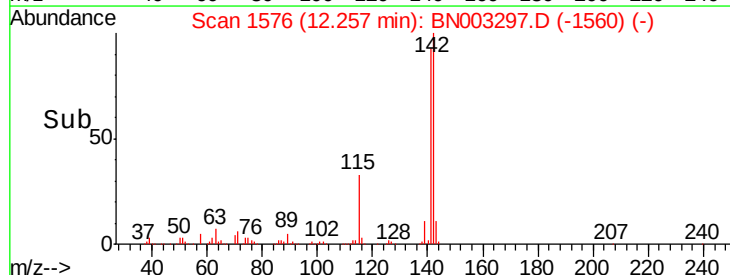
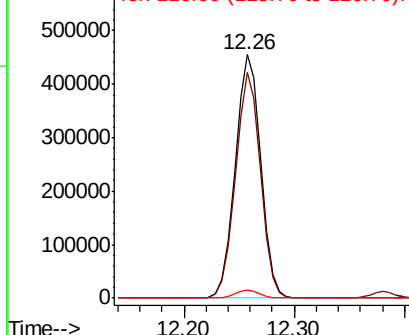


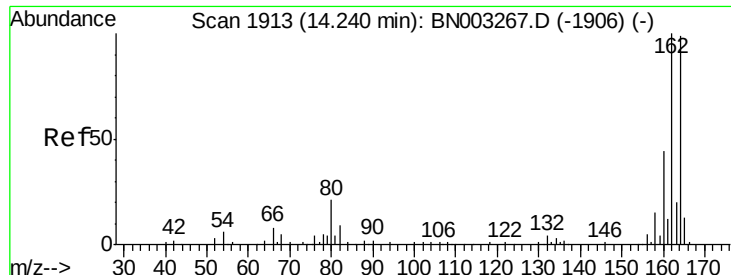
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

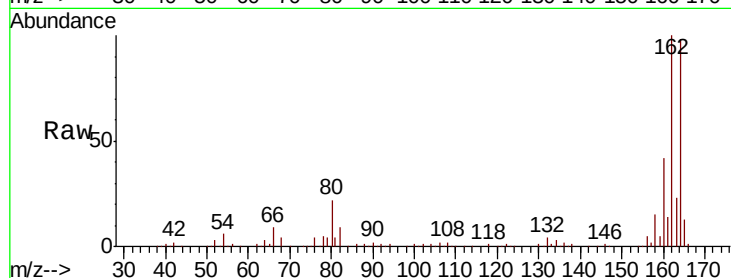
Tot Ion:164 Resp: 342499

Ion Ratio Lower Upper

164 100

162 101.8 80.8 121.2

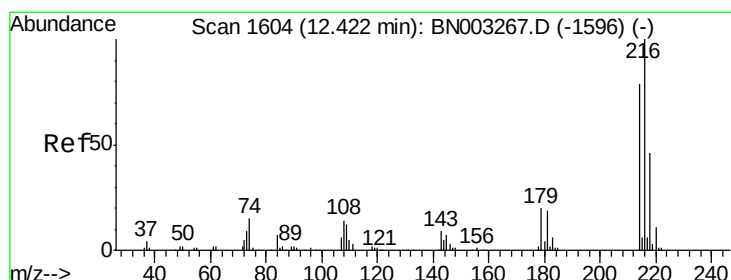
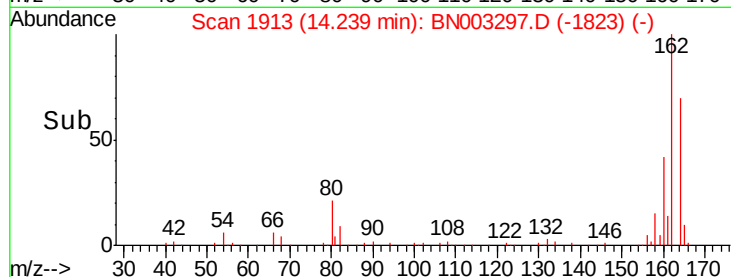
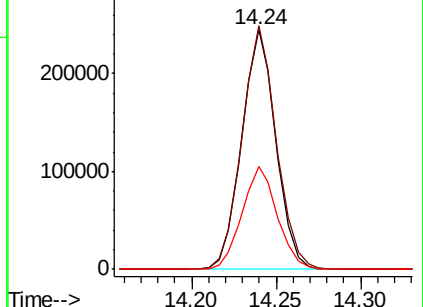
160 42.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.524 ng

RT: 12.42 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Tgt Ion:216 Resp: 436491

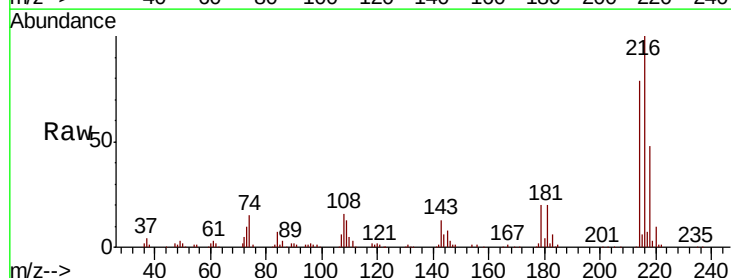
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 20.3 16.0 24.0

108 16.8 12.9 19.3

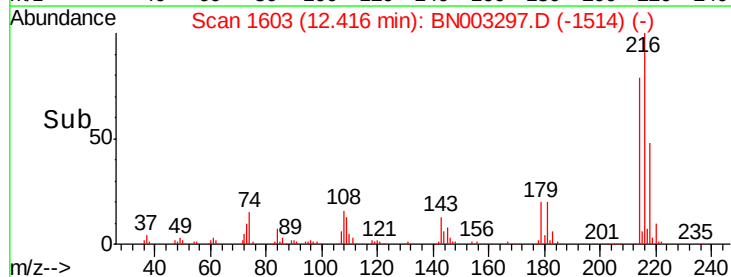
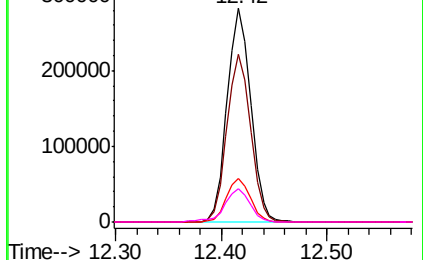


Abundance Ion 216.00 (215.70 to 216.70): E

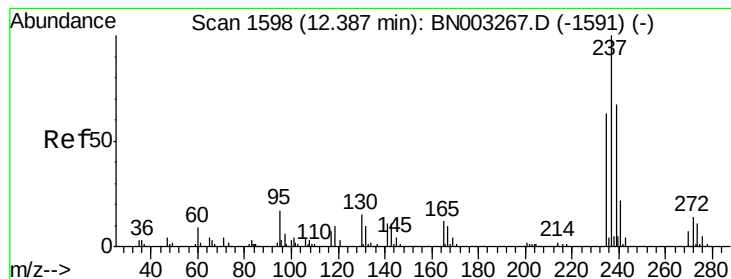
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 39.370 ng

RT: 12.38 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

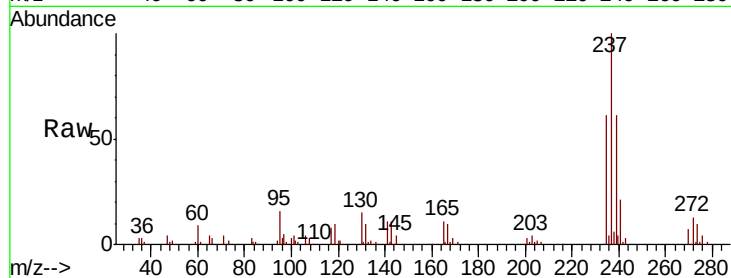
Tot Ion:237 Resp: 168348

Ion Ratio Lower Upper

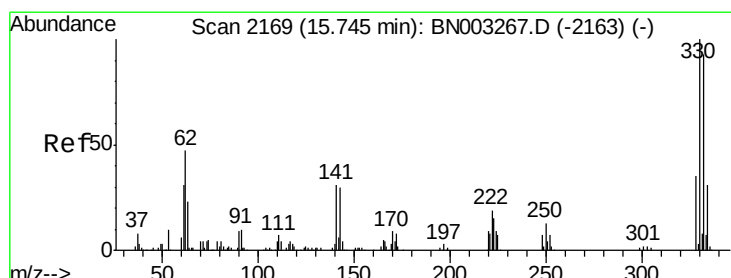
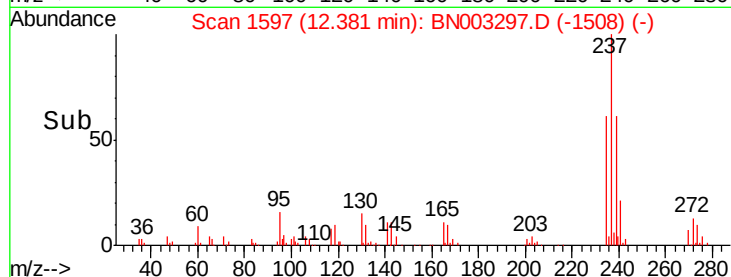
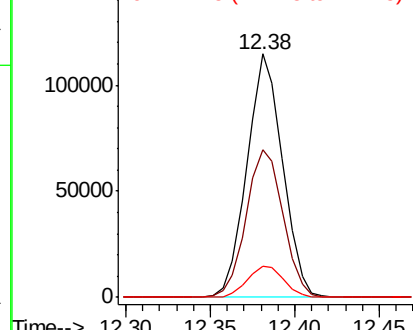
237 100

235 60.9 42.8 82.8

272 12.6 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 79.278 ng

RT: 15.75 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

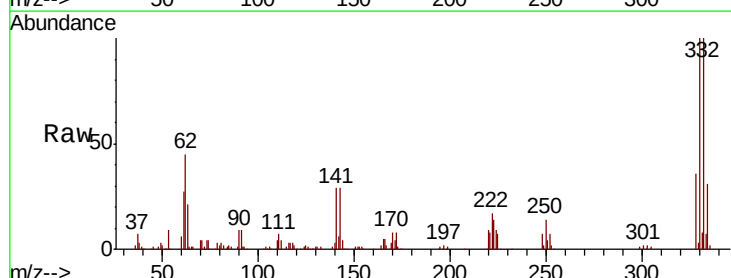
Tgt Ion:330 Resp: 365618

Ion Ratio Lower Upper

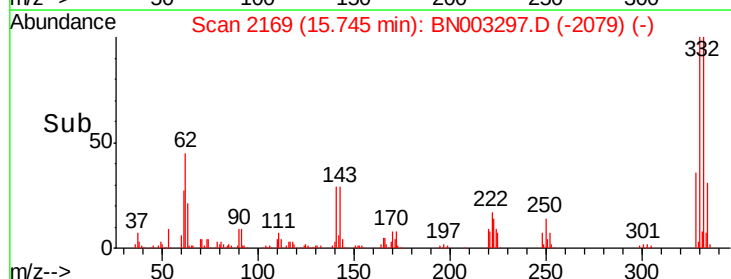
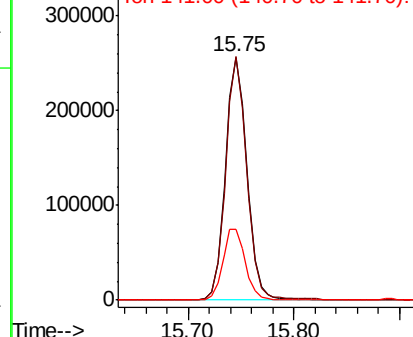
330 100

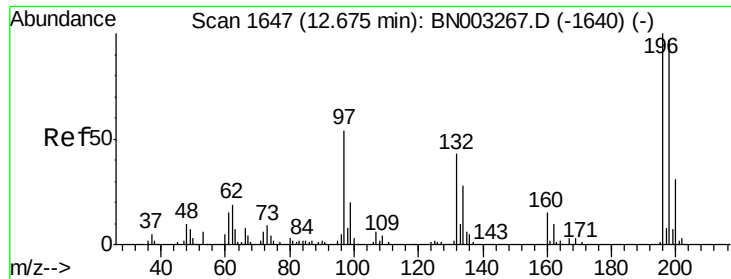
332 98.3 76.6 114.8

141 30.6 24.5 36.7



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

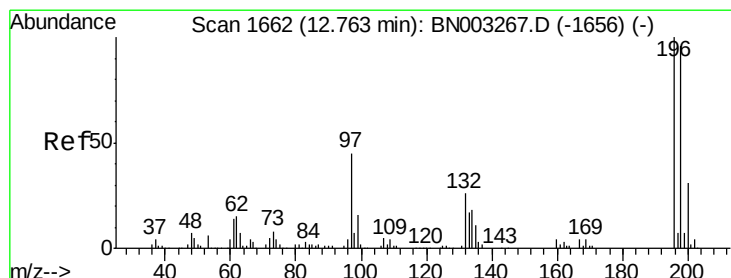
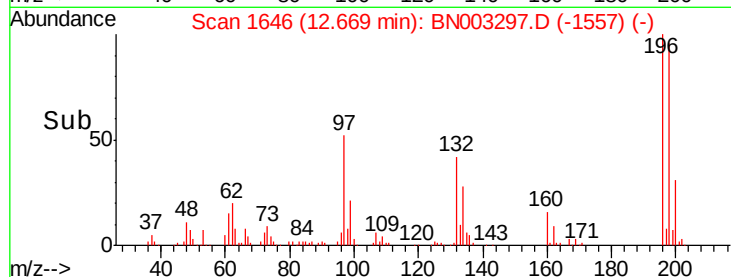
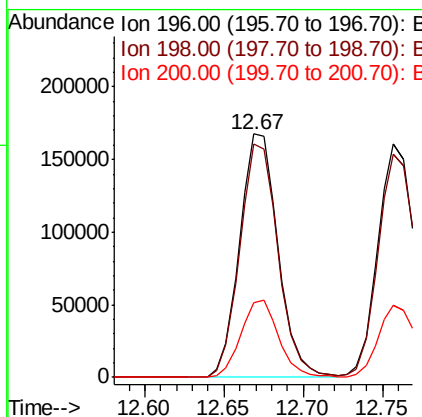
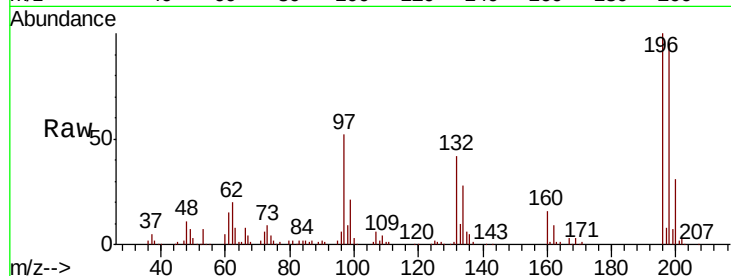




#43  
 2,4,6-Trichlorophenol  
 Concen: 39.477 ng  
 RT: 12.67 min Scan# 1646  
 Delta R.T. -0.01 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

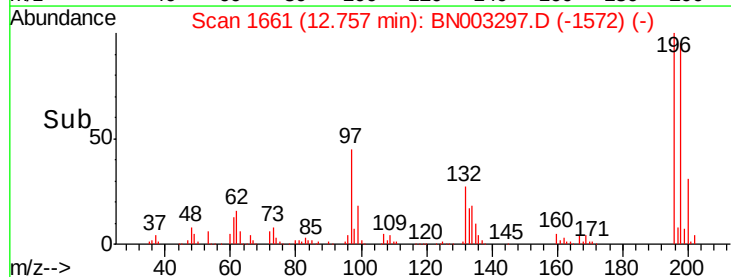
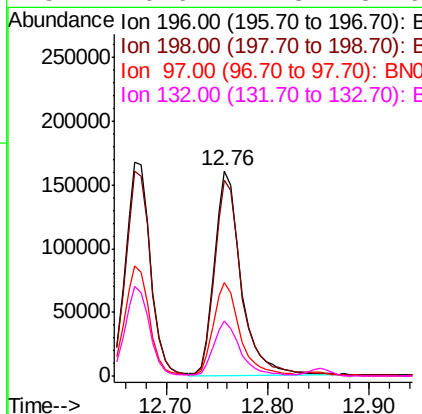
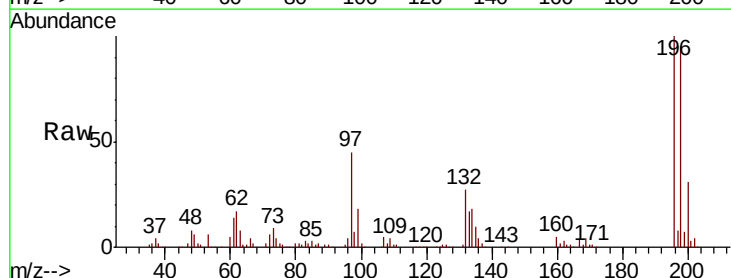
Instrument :  
 BNA\_N  
 ClientSampleId :

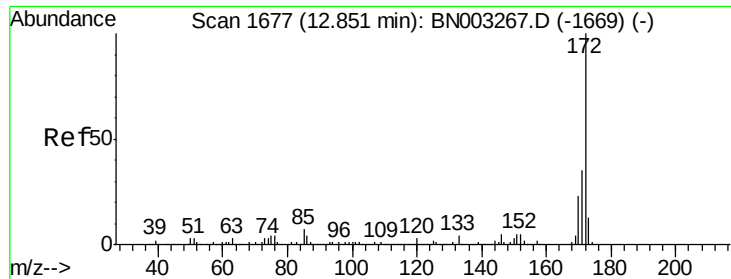
Tot Ion:196 Resp: 282598  
 Ion Ratio Lower Upper  
 196 100  
 198 96.1 77.4 116.0  
 200 30.5 25.0 37.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 39.123 ng  
 RT: 12.76 min Scan# 1661  
 Delta R.T. -0.01 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Tgt Ion:196 Resp: 292130  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 76.8 115.2  
 97 45.3 35.8 53.8  
 132 26.6 21.3 31.9

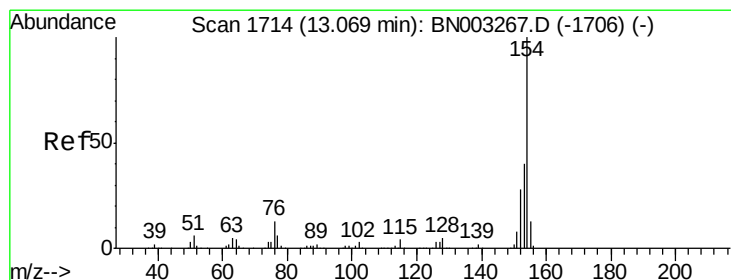
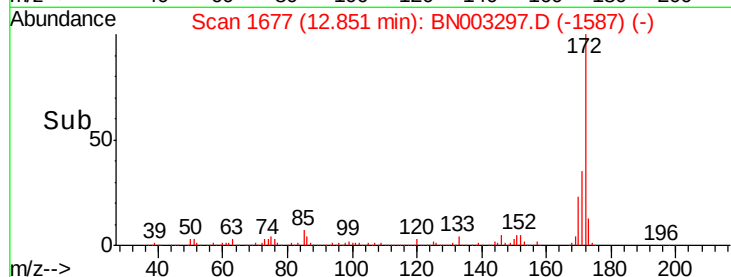
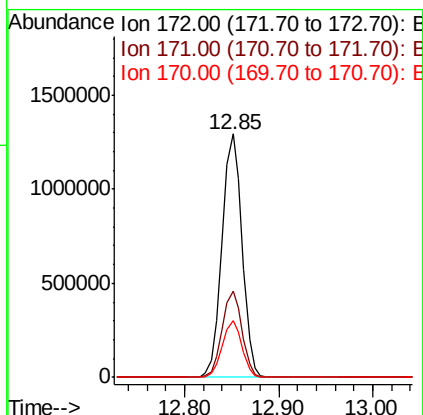
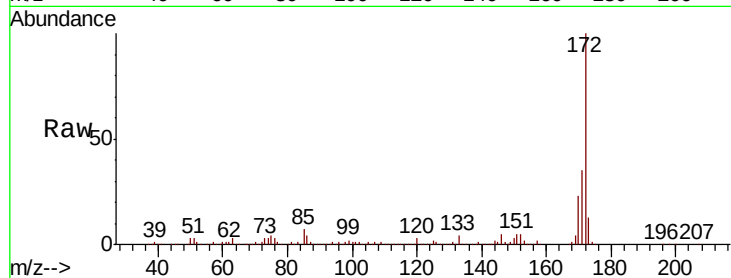




#45  
2-Fluorobiphenyl  
Concen: 76.231 ng  
RT: 12.85 min Scan# 1677  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

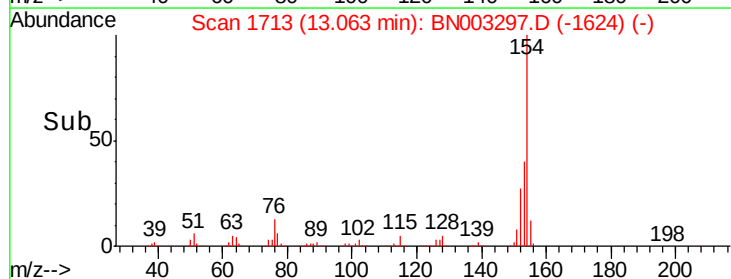
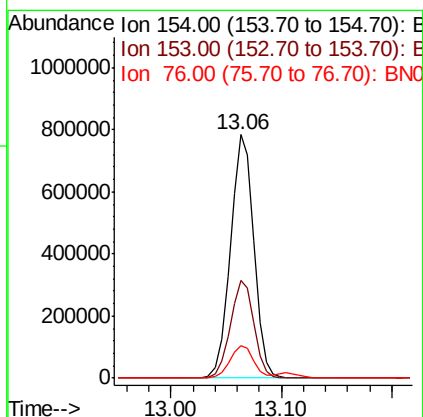
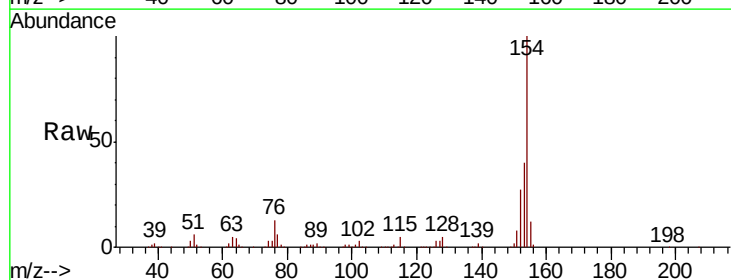
Instrument :  
BNA\_N  
ClientSampleId :

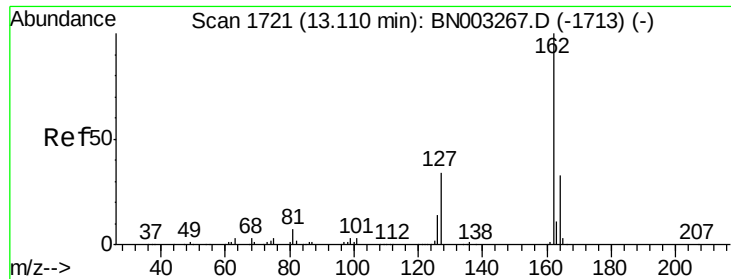
Tot Ion:172 Resp: 1924842  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.2 42.4  
170 23.4 18.4 27.6



#46  
1,1'-Biphenyl  
Concen: 38.565 ng  
RT: 13.06 min Scan# 1713  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion:154 Resp: 1159276  
Ion Ratio Lower Upper  
154 100  
153 40.0 20.5 60.5  
76 13.4 0.0 33.3

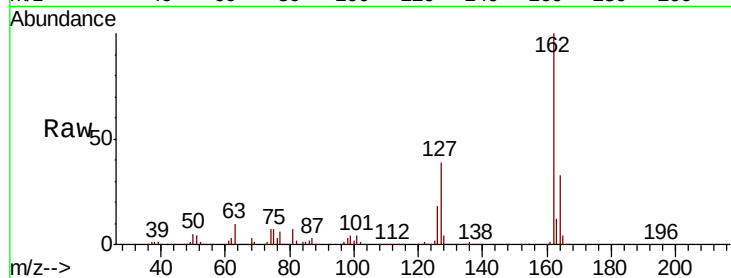




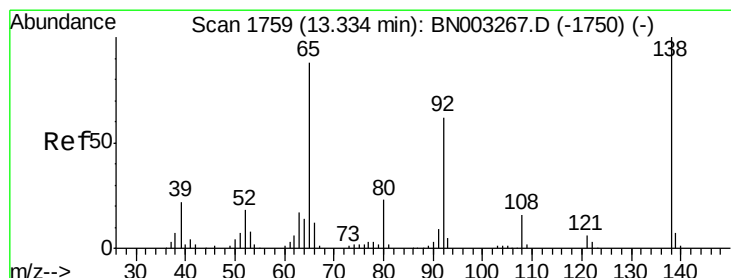
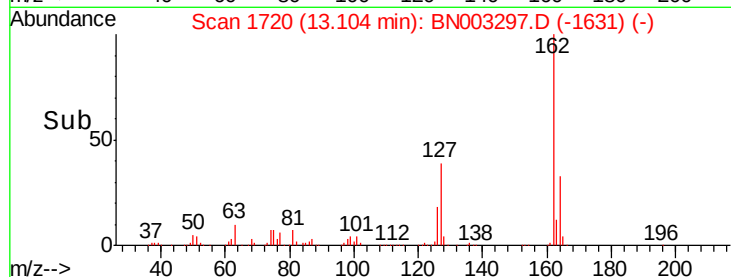
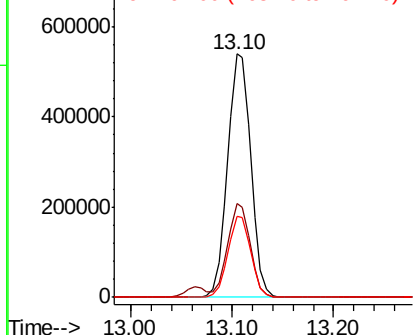
#47  
2-Chloronaphthalene  
Concen: 38.610 ng  
RT: 13.10 min Scan# 1720  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 38.6  | 29.8  | 44.6  |
| 164     | 33.1  | 26.3  | 39.5  |

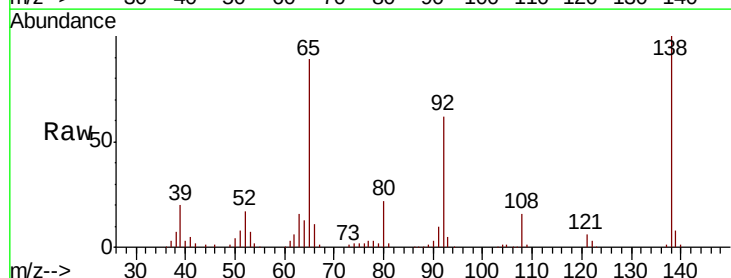


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

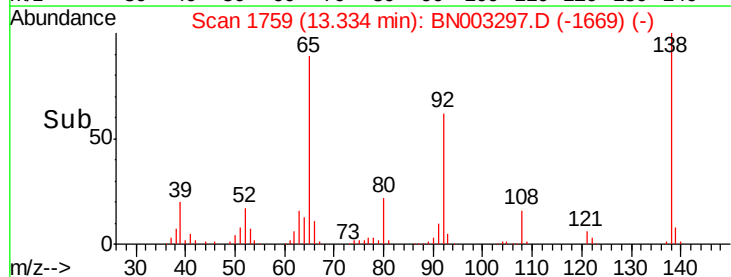
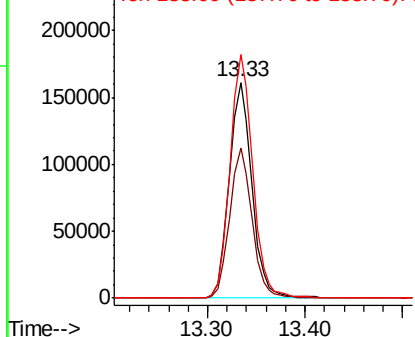


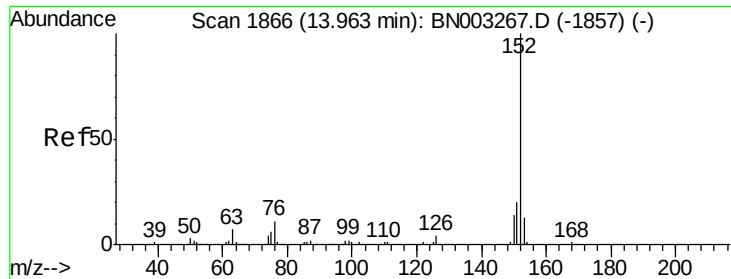
#48  
2-Nitroaniline  
Concen: 39.941 ng  
RT: 13.33 min Scan# 1759  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.5  | 56.1  | 84.1  |
| 138     | 112.9 | 90.6  | 136.0 |



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





#49

Acenaphthylene

Concen: 38.533 ng

RT: 13.96 min Scan# 1866

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampled :

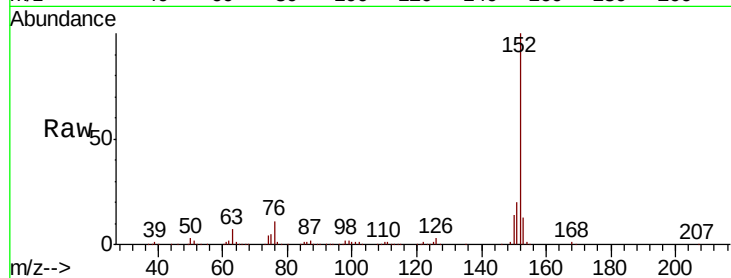
Tot Ion:152 Resp: 1307778

Ion Ratio Lower Upper

152 100

151 19.6 15.8 23.6

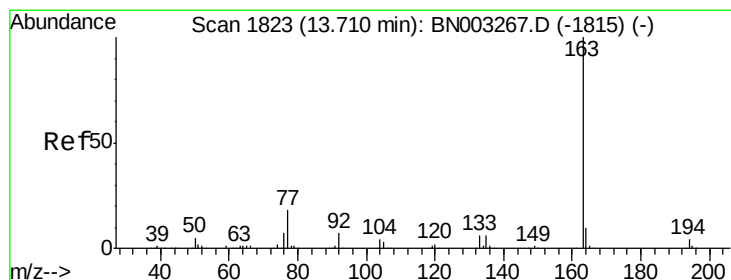
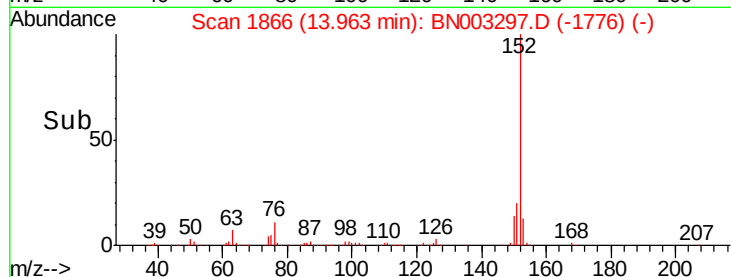
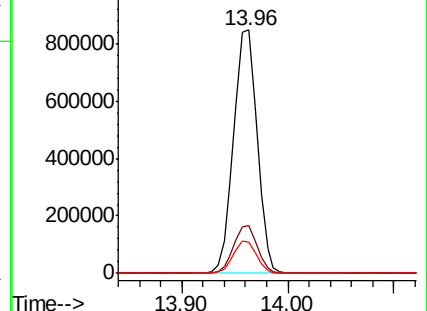
153 12.8 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.117 ng

RT: 13.70 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

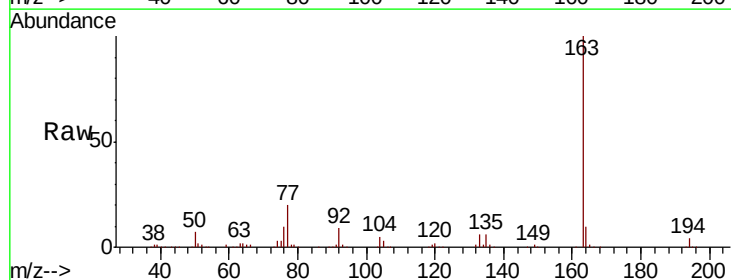
Tgt Ion:163 Resp: 1055573

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

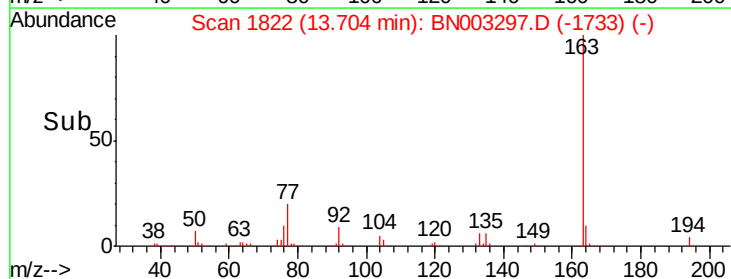
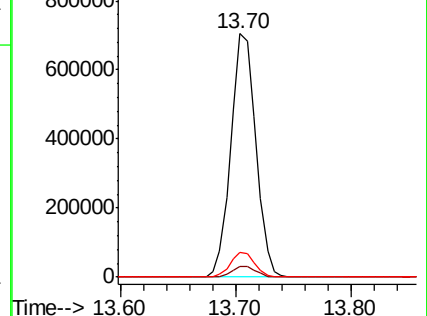
164 10.4 7.9 11.9

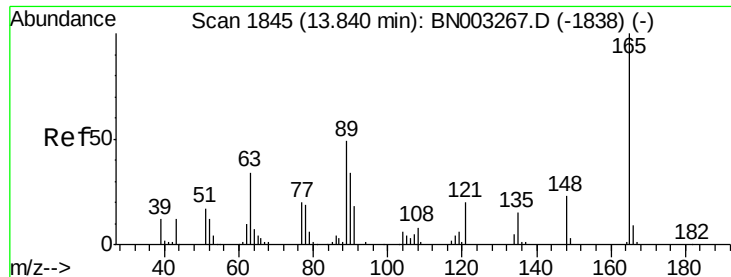


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

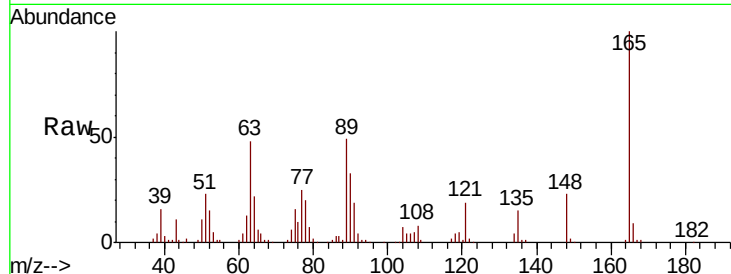




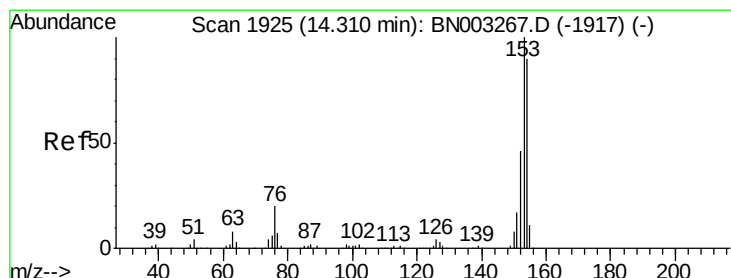
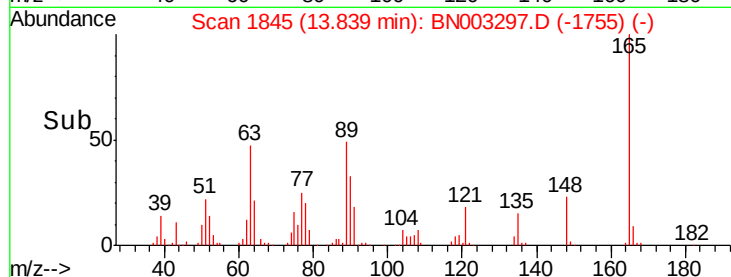
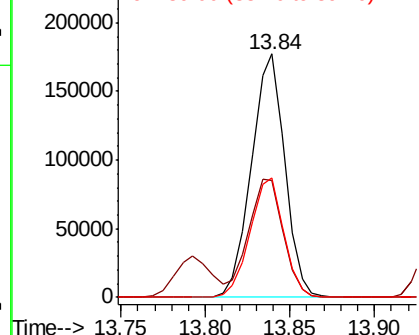
#51  
2,6-Dinitrotoluene  
Concen: 38.859 ng  
RT: 13.84 min Scan# 1845  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.3  | 39.2  | 58.8  |
| 89      | 48.9  | 38.9  | 58.3  |

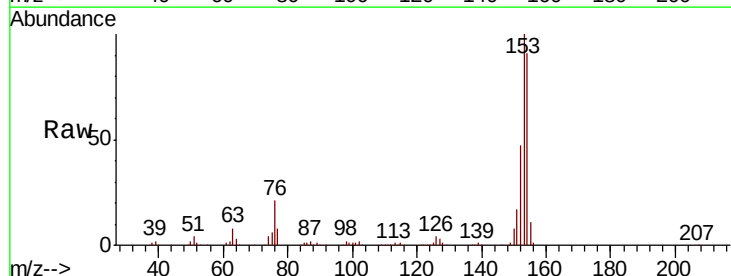


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BNC  
Ion 89.00 (88.70 to 89.70): BNC

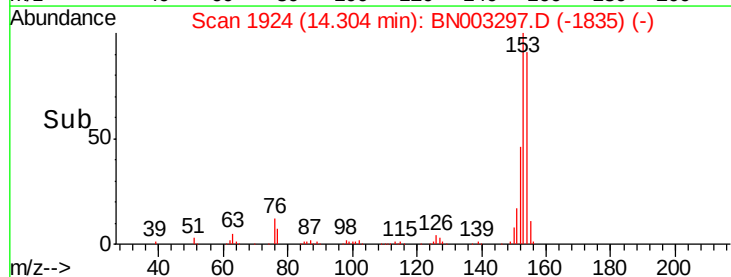
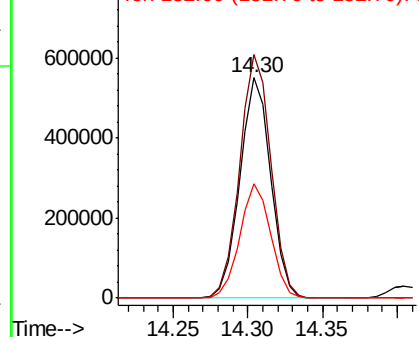


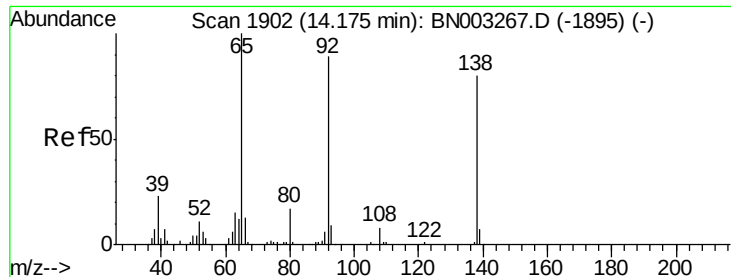
#52  
Acenaphthene  
Concen: 38.462 ng  
RT: 14.30 min Scan# 1924  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 110.4 | 89.3  | 133.9 |
| 152     | 51.6  | 41.2  | 61.8  |



Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E

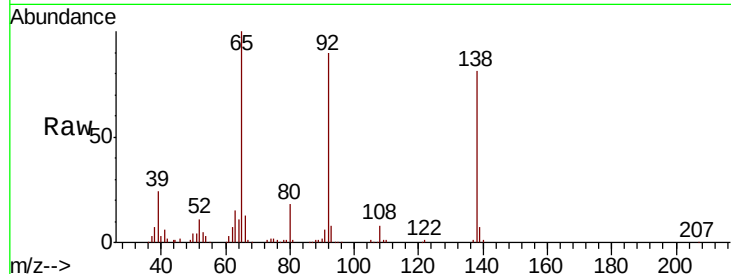




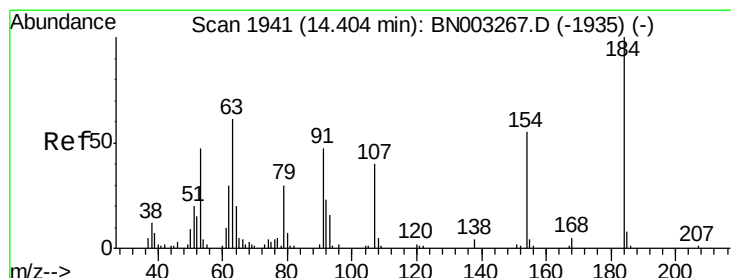
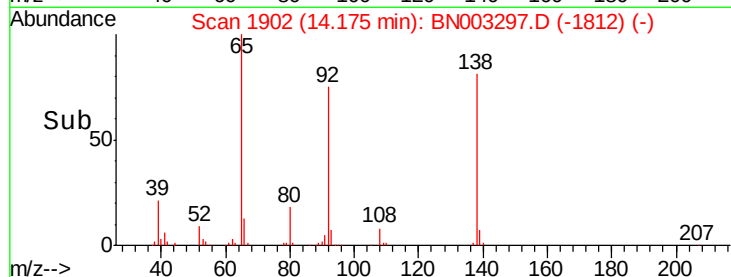
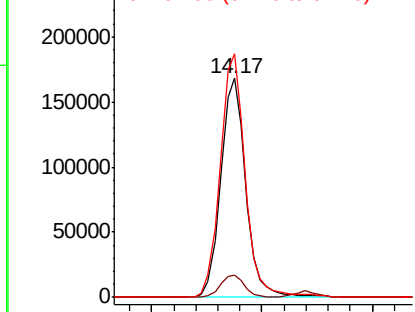
#53  
 3-Nitroaniline  
 Concen: 39.734 ng  
 RT: 14.17 min Scan# 1902  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:138 Resp: 266974  
 Ion Ratio Lower Upper  
 138 100  
 108 10.4 8.4 12.6  
 92 111.3 89.6 134.4

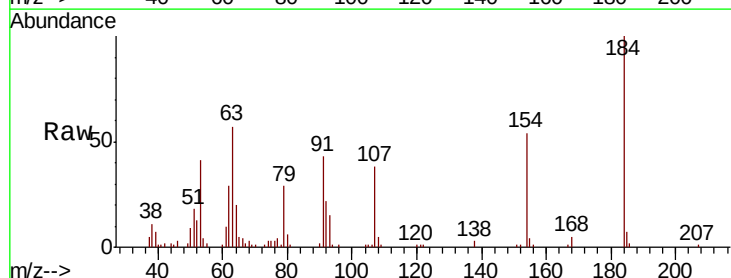


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BNO

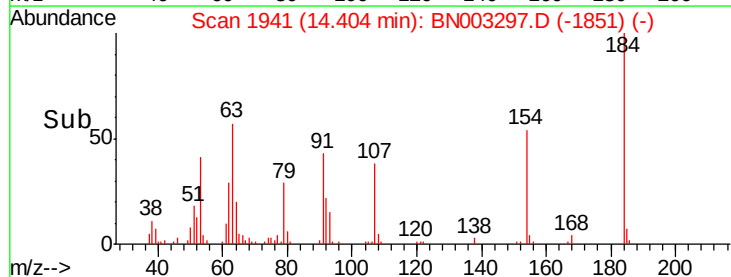
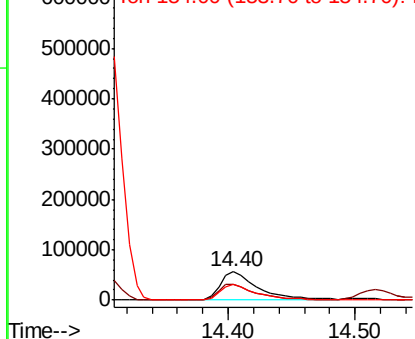


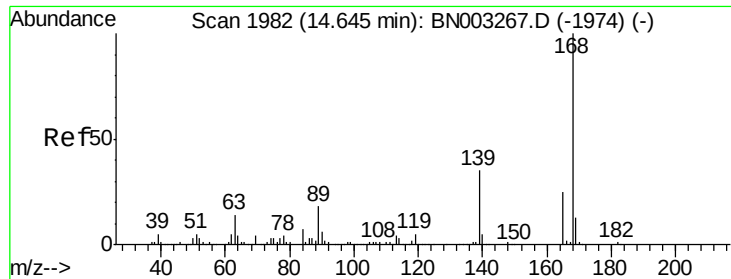
#54  
 2,4-Dinitrophenol  
 Concen: 35.747 ng  
 RT: 14.40 min Scan# 1941  
 Delta R.T. 0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Tgt Ion:184 Resp: 115207  
 Ion Ratio Lower Upper  
 184 100  
 63 56.9 49.0 73.4  
 154 53.7 44.2 66.2



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

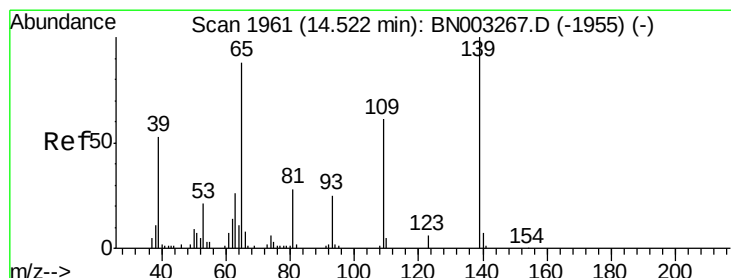
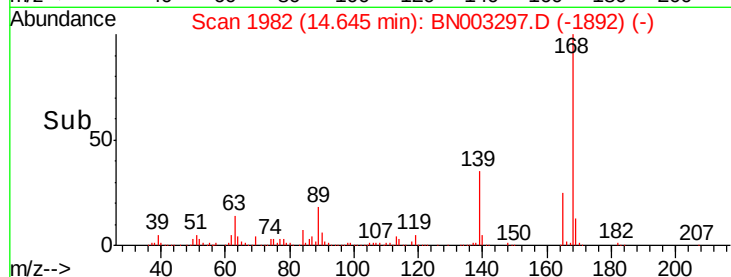
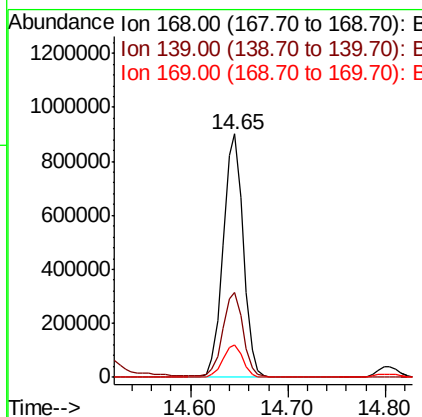
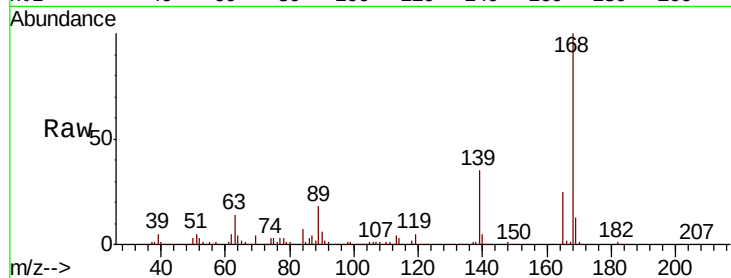




#55  
Dibenzenofuran  
Concen: 38.258 ng  
RT: 14.65 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

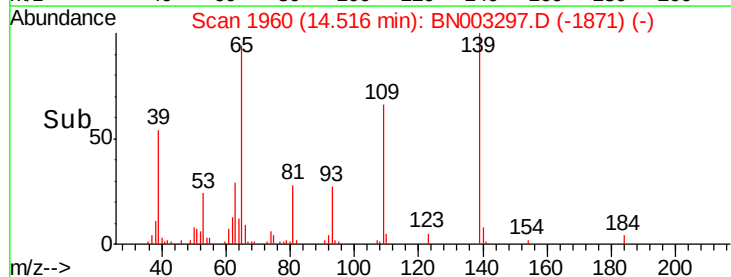
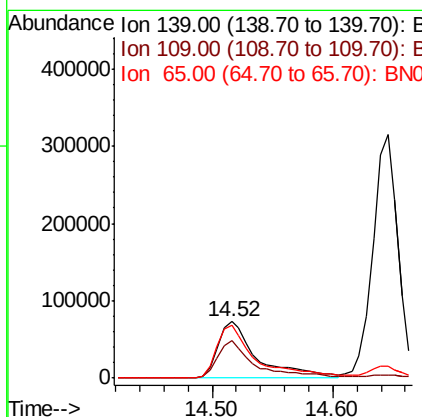
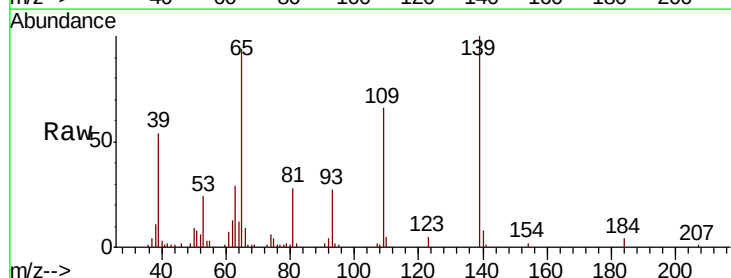
Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:168 Resp: 1279928  
Ion Ratio Lower Upper  
168 100  
139 34.9 28.5 42.7  
169 13.3 10.3 15.5

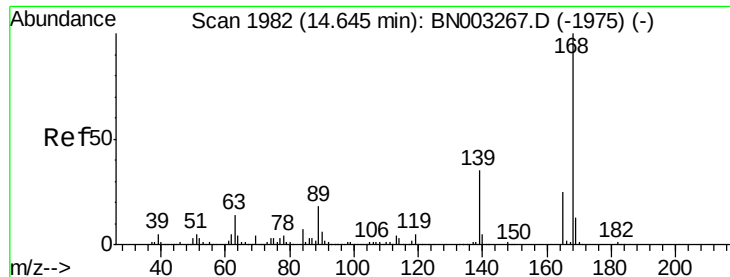


#56  
4-Nitrophenol  
Concen: 36.987 ng  
RT: 14.52 min Scan# 1960  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion:139 Resp: 163994  
Ion Ratio Lower Upper  
139 100  
109 66.2 40.7 80.7  
65 93.6 68.0 108.0



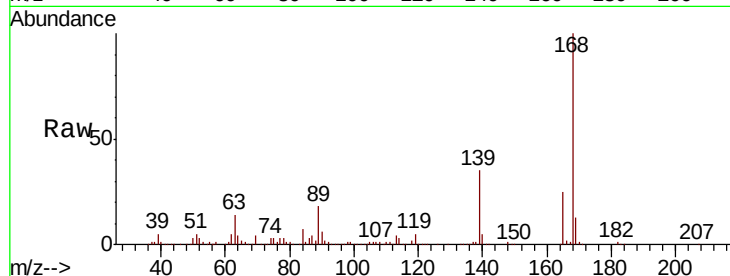




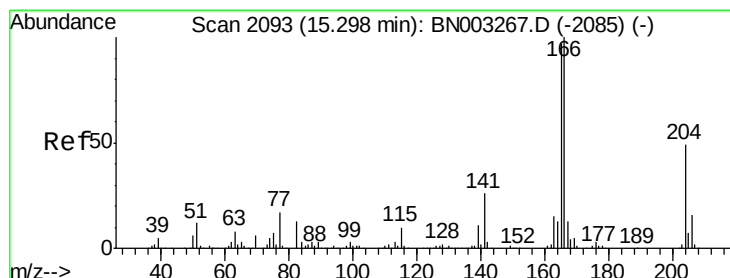
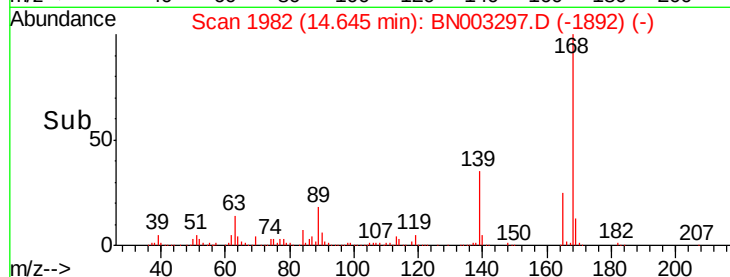
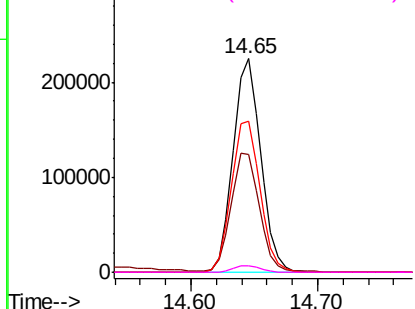
#57  
 2,4-Dinitrotoluene  
 Concen: 39.717 ng  
 RT: 14.65 min Scan# 1982  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:165 Resp: 338487  
 Ion Ratio Lower Upper  
 165 100  
 63 55.4 45.8 68.6  
 89 71.0 58.7 88.1  
 182 3.0 2.3 3.5

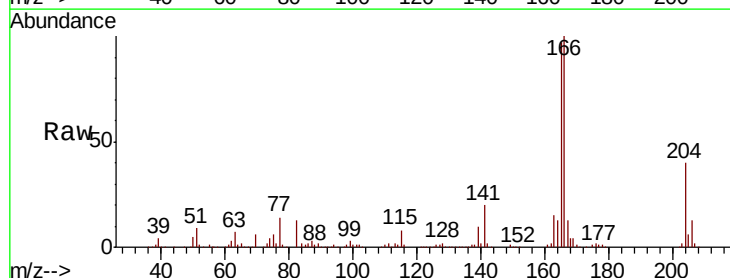


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BNC  
 Ion 89.00 (88.70 to 89.70): BNC  
 Ion 182.00 (181.70 to 182.70): E

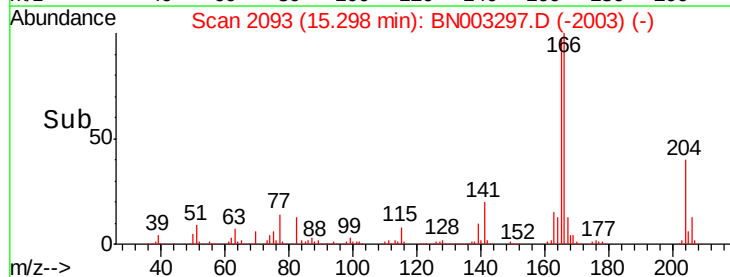
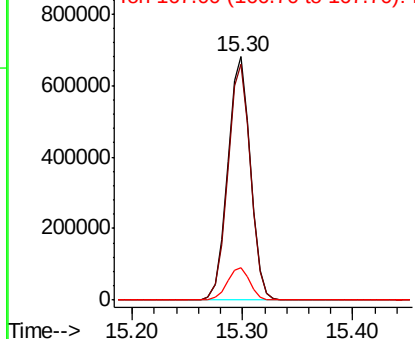


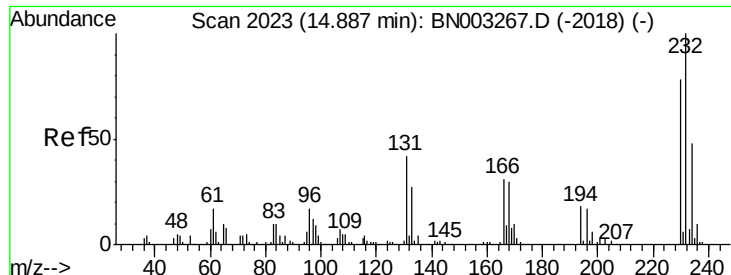
#58  
 Fluorene  
 Concen: 37.863 ng  
 RT: 15.30 min Scan# 2093  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Tgt Ion:166 Resp: 977463  
 Ion Ratio Lower Upper  
 166 100  
 165 96.7 77.6 116.4  
 167 13.2 10.6 16.0



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

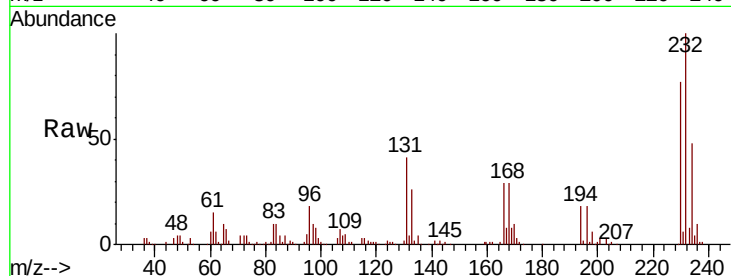




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.618 ng  
 RT: 14.89 min Scan# 2023  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 41.7  | 33.7  | 50.5  |
| 130     | 1.8   | 1.6   | 2.4   |
| 166     | 30.2  | 24.3  | 36.5  |



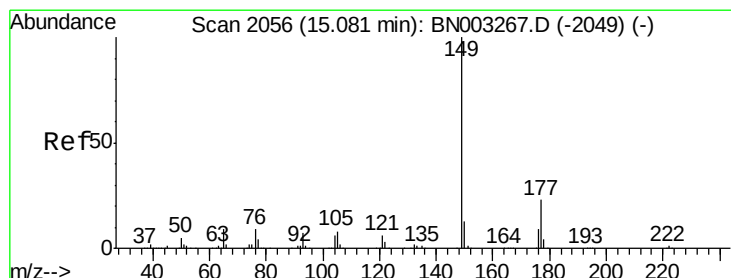
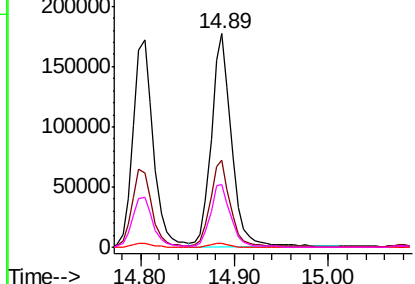
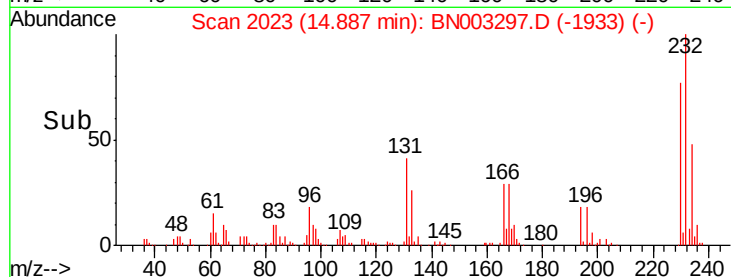
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

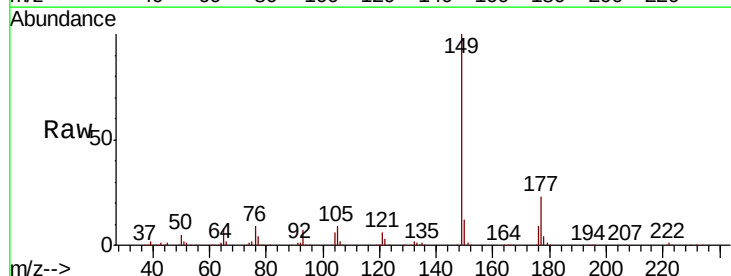
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60  
 Diethylphthalate  
 Concen: 38.550 ng  
 RT: 15.08 min Scan# 2056  
 Delta R.T. -0.00 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.2  | 18.6  | 28.0  |
| 150     | 12.4  | 10.0  | 15.0  |

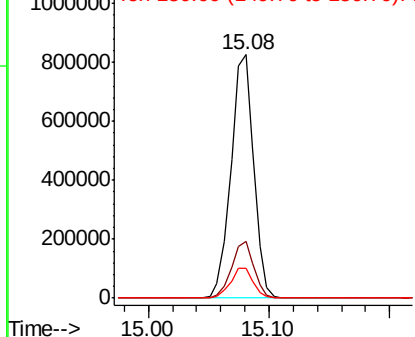
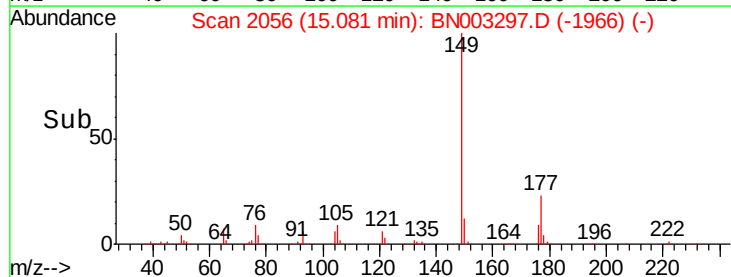


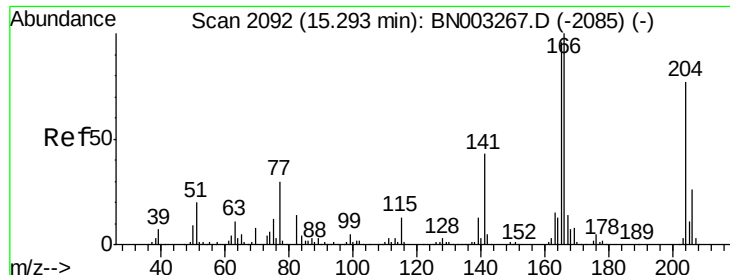
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

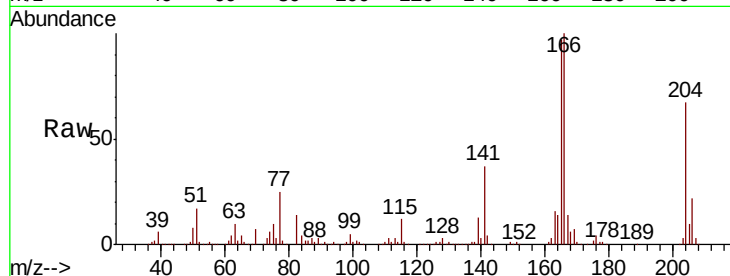




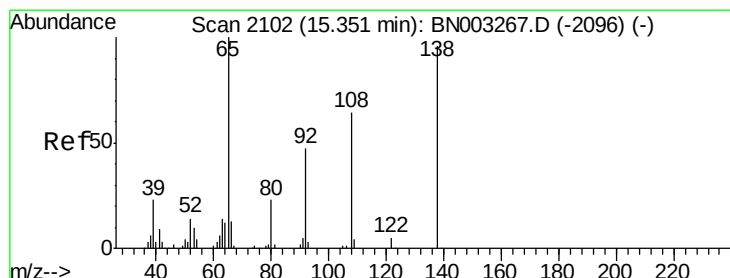
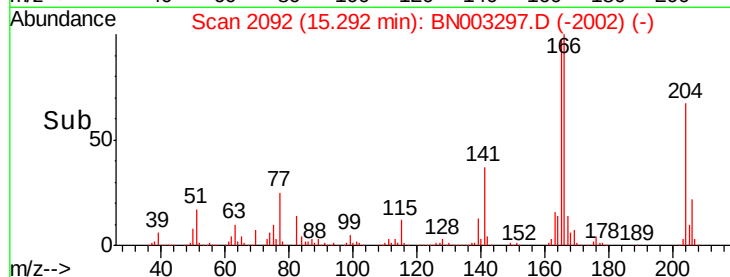
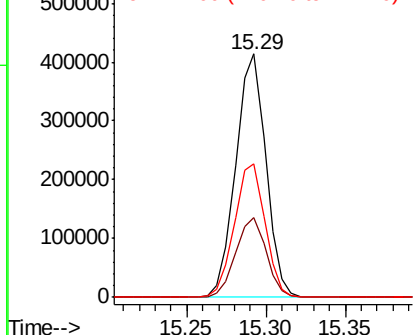
#61  
4-Chlorophenyl-phenylether  
Concen: 38.080 ng  
RT: 15.29 min Scan# 2092  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:204 Resp: 546182  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.6 39.8  
141 54.9 44.6 67.0

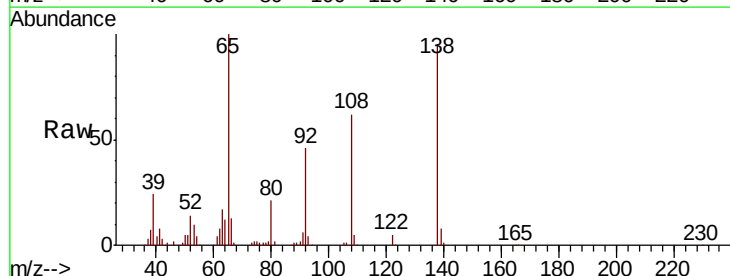


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

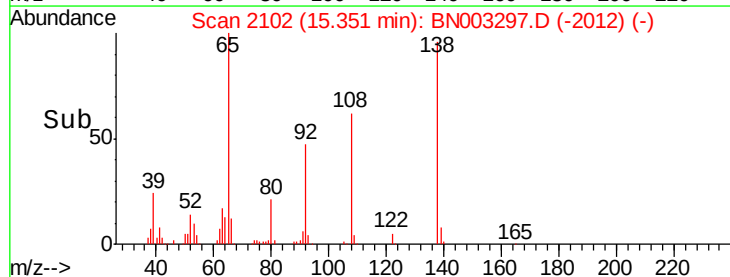
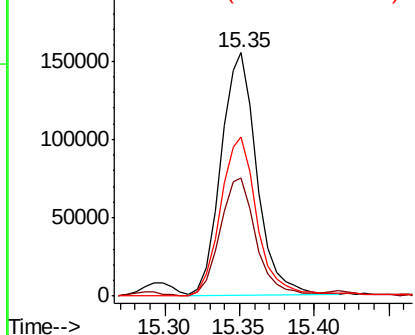


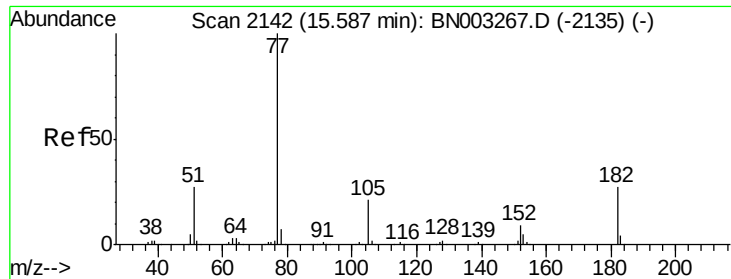
#62  
4-Nitroaniline  
Concen: 39.379 ng  
RT: 15.35 min Scan# 2102  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion:138 Resp: 258493  
Ion Ratio Lower Upper  
138 100  
92 48.5 27.9 67.9  
108 65.3 46.3 86.3



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





#63

Azobenzene

Concen: 38.747 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 77 Resp: 1006324

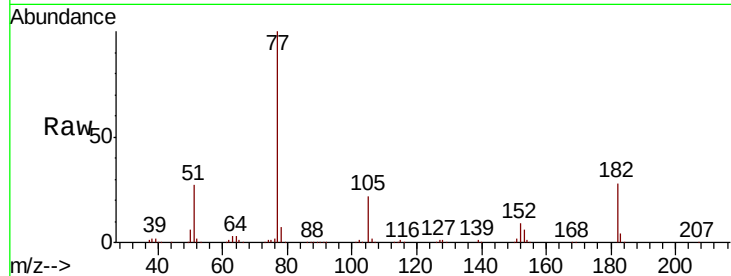
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 28.2  | 6.5   | 46.5  |
| 105 | 21.7  | 1.0   | 41.0  |
| 51  | 26.9  | 7.0   | 47.0  |

77 100

182 28.2 6.5 46.5

105 21.7 1.0 41.0

51 26.9 7.0 47.0

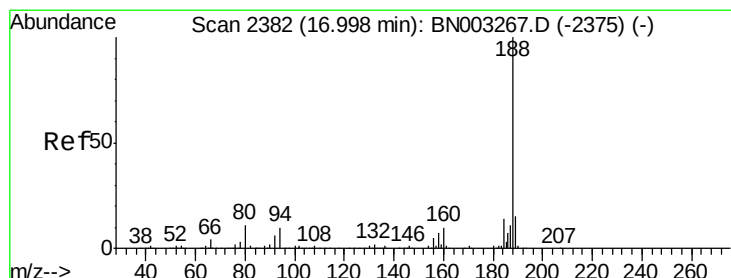
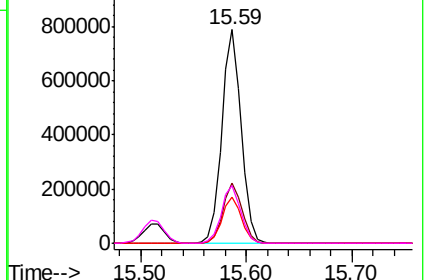
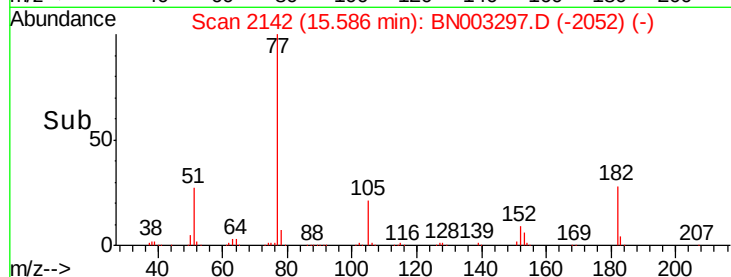


Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 182.00 (181.70 to 182.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2381

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

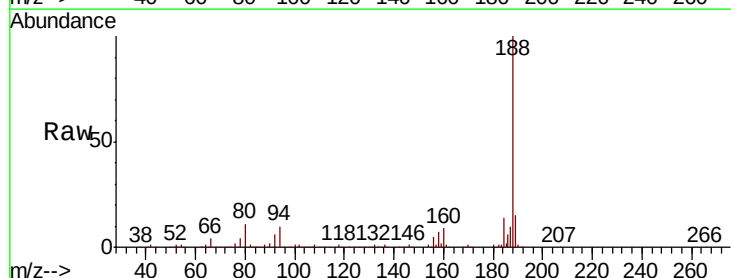
Tgt Ion: 188 Resp: 777751

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.2  | 8.1   | 12.1  |
| 80  | 11.5  | 8.6   | 13.0  |

188 100

94 10.2 8.1 12.1

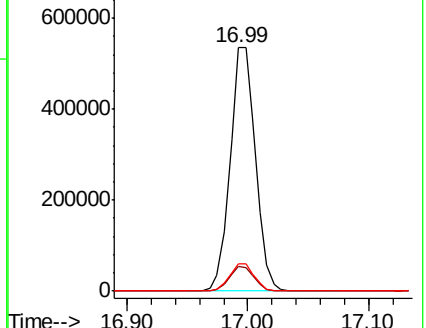
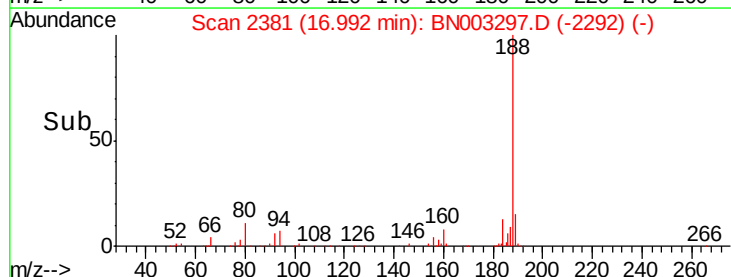
80 11.5 8.6 13.0

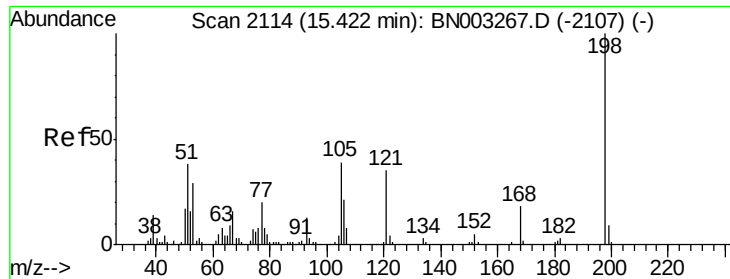


Abundance Ion 188.00 (187.70 to 188.70): BNC

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC

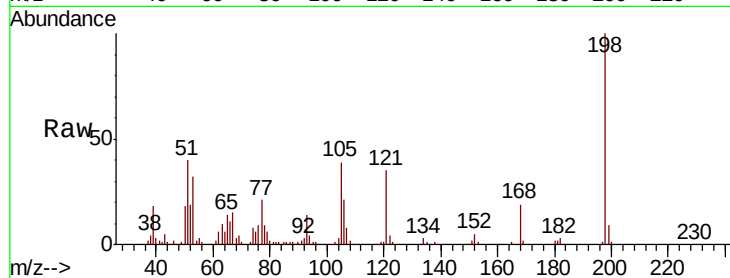




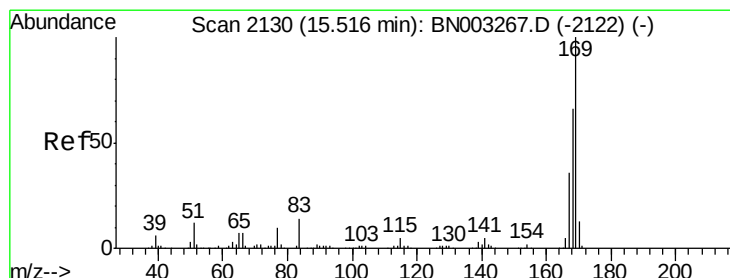
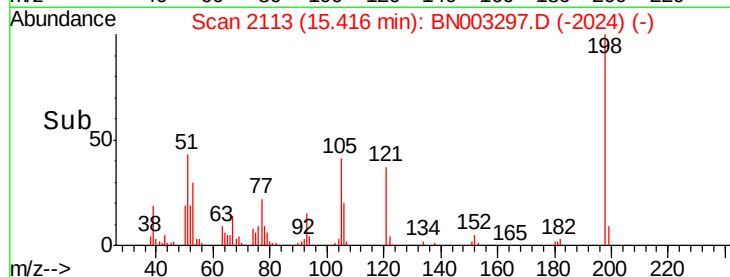
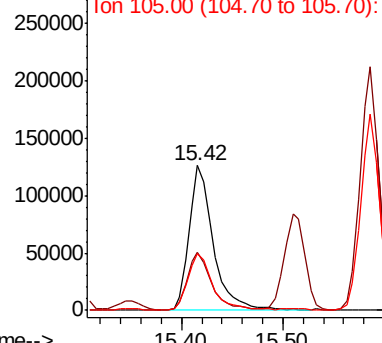
#65  
4,6-Dinitro-2-methylphenol  
Concen: 38.704 ng  
RT: 15.42 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.3  | 19.2  | 59.2  |
| 105     | 39.0  | 18.9  | 58.9  |

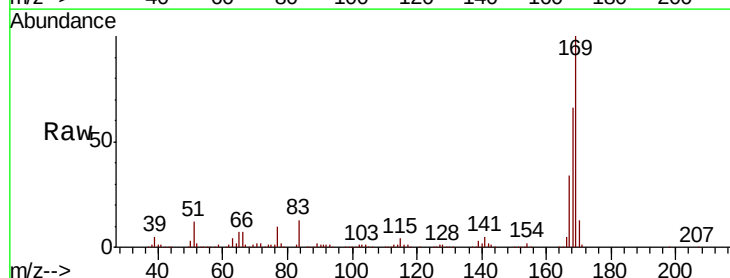


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BNO  
Ion 105.00 (104.70 to 105.70): E

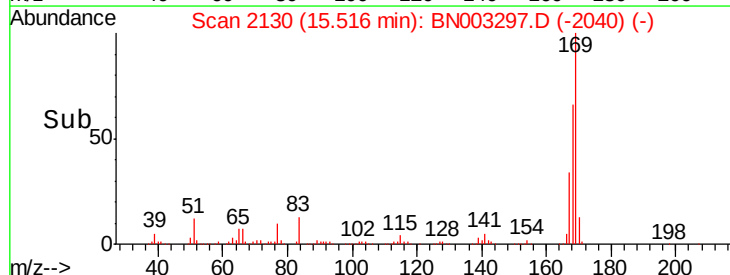
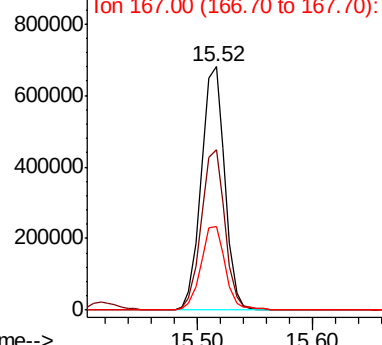


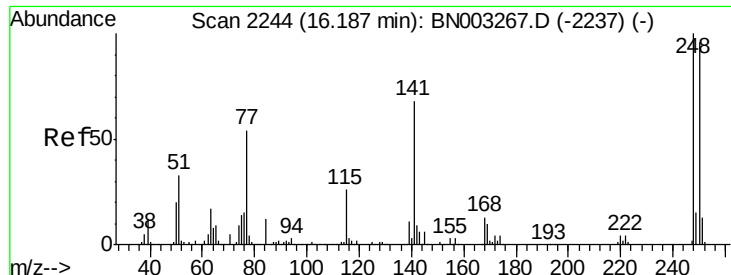
#66  
n-Nitrosodiphenylamine  
Concen: 39.164 ng  
RT: 15.52 min Scan# 2130  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.1  | 53.3  | 79.9  |
| 167     | 34.4  | 28.6  | 43.0  |



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

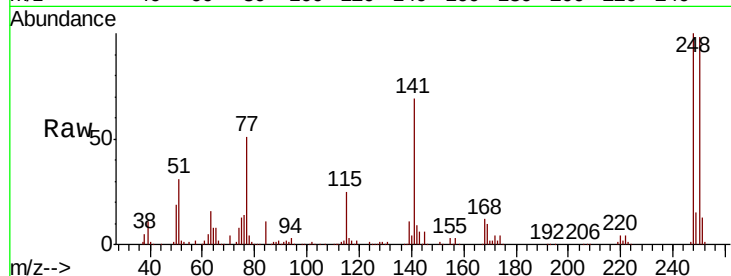




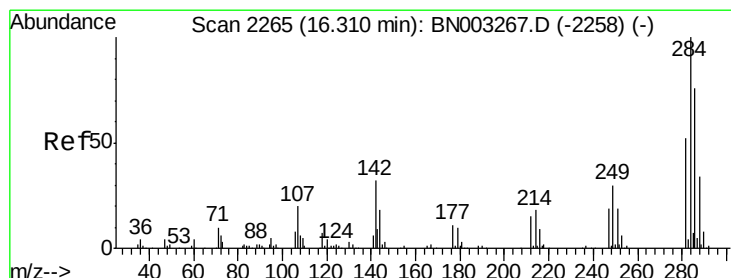
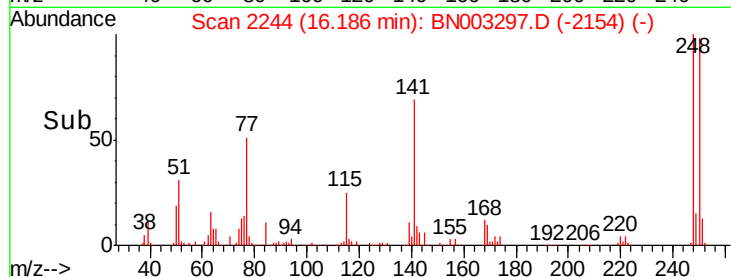
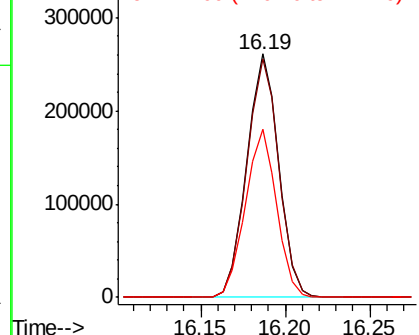
#67  
4-Bromophenyl-phenylether  
Concen: 39.202 ng  
RT: 16.19 min Scan# 2244  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:248 Resp: 343384  
Ion Ratio Lower Upper  
248 100  
250 98.1 76.4 114.6  
141 69.1 54.2 81.4

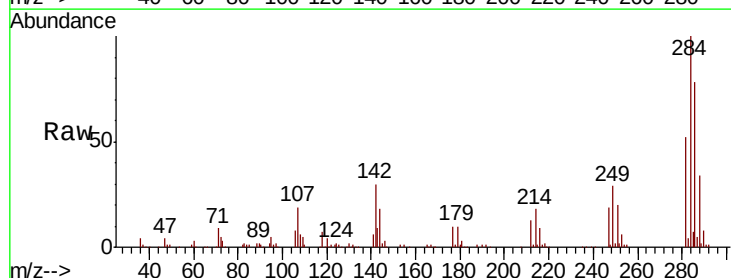


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

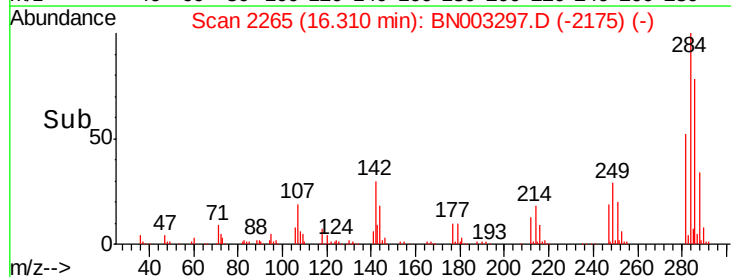
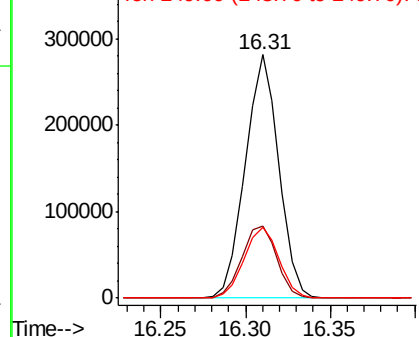


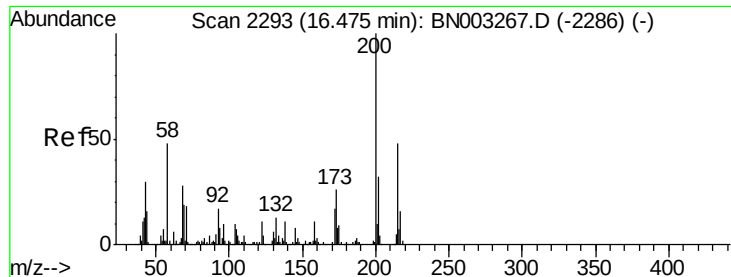
#68  
Hexachlorobenzene  
Concen: 38.862 ng  
RT: 16.31 min Scan# 2265  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion:284 Resp: 387795  
Ion Ratio Lower Upper  
284 100  
142 29.8 25.6 38.4  
249 29.3 23.6 35.4



Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.058 ng

RT: 16.47 min Scan# 2293

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

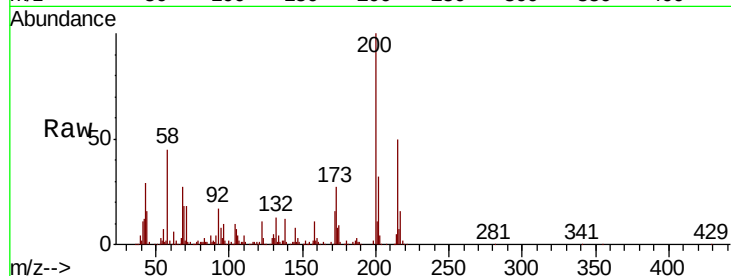
Tot Ion:200 Resp: 337023

Ion Ratio Lower Upper

200 100

173 26.7 6.3 46.3

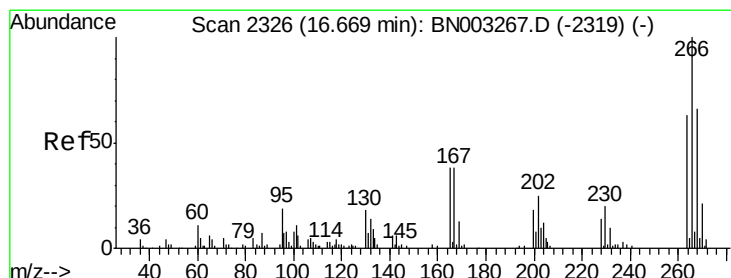
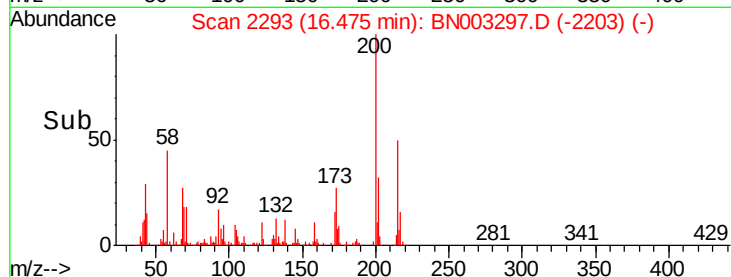
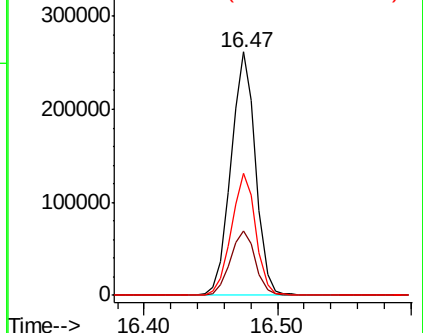
215 50.4 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 42.740 ng

RT: 16.66 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

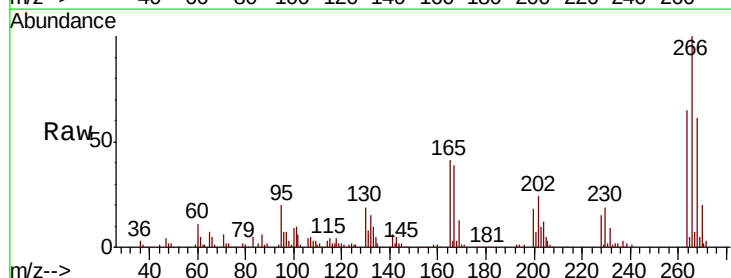
Tgt Ion:266 Resp: 198737

Ion Ratio Lower Upper

266 100

268 61.2 52.5 78.7

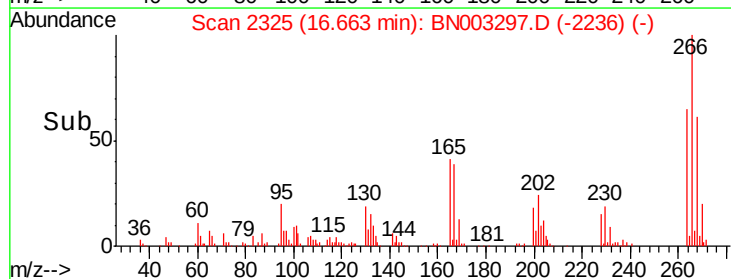
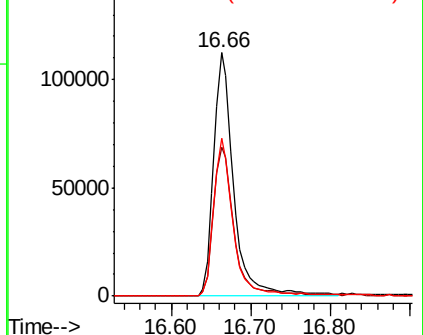
264 64.7 50.3 75.5

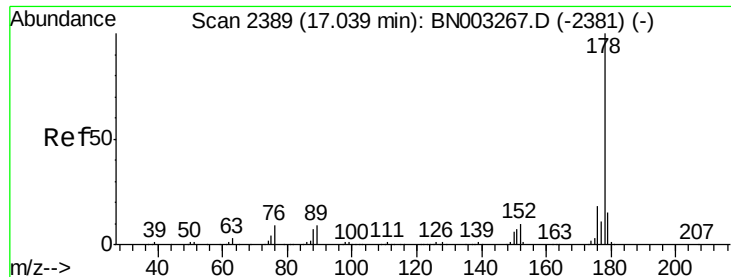


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

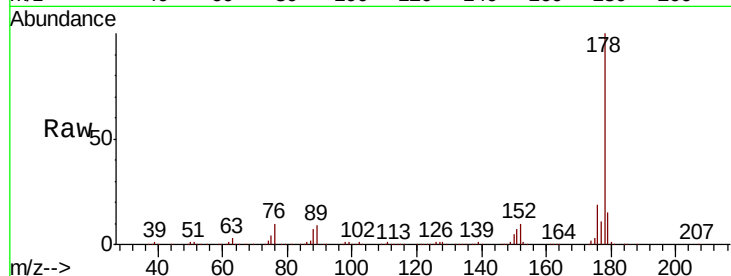




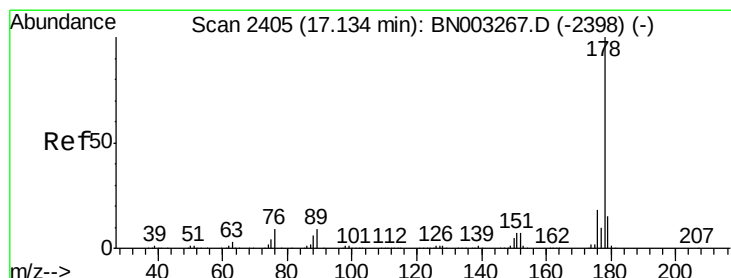
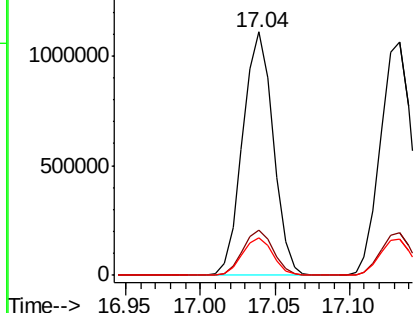
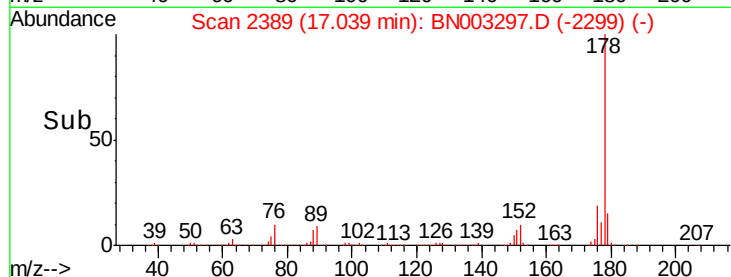
#71  
Phenanthrene  
Concen: 38.428 ng  
RT: 17.04 min Scan# 2389  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:178 Resp: 1571263  
Ion Ratio Lower Upper  
178 100  
176 18.8 14.4 21.6  
179 15.4 12.2 18.4

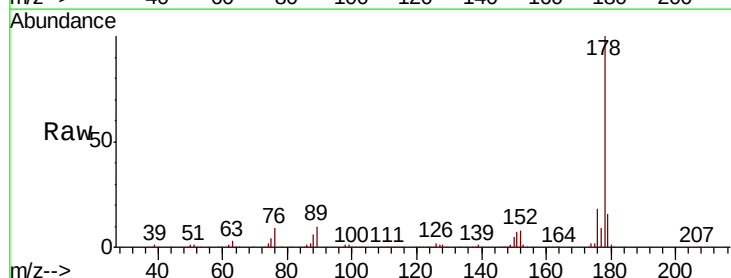


Abundance Ion 178.00 (177.70 to 178.70): E  
1500000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

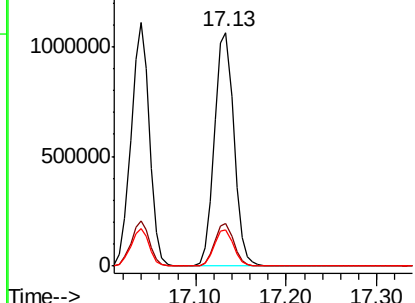
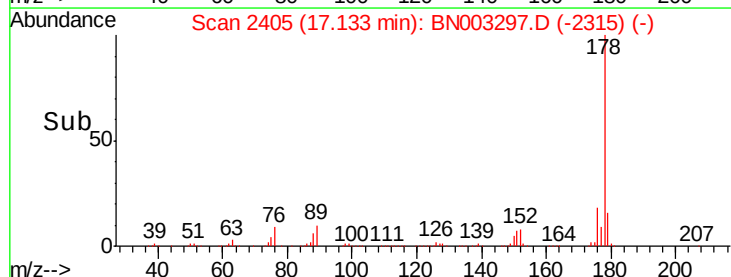


#72  
Anthracene  
Concen: 38.826 ng  
RT: 17.13 min Scan# 2405  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

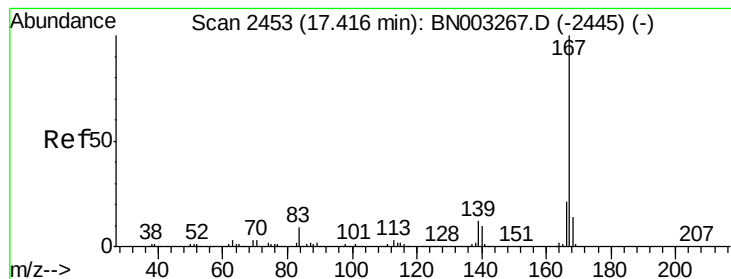
Tgt Ion:178 Resp: 1584137  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.3 21.5  
179 15.6 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E  
1500000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 38.281 ng

RT: 17.41 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

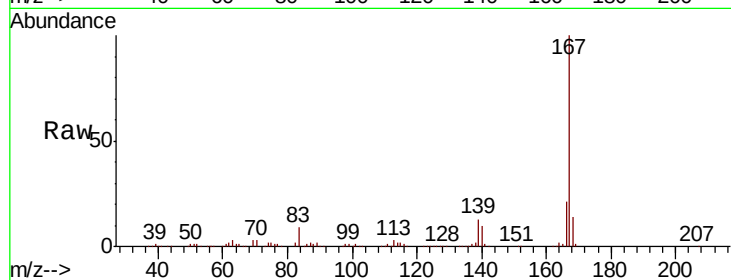
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:167 Resp: 1617485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.1  | 17.0  | 25.6  |
| 139 | 12.7  | 9.9   | 14.9  |

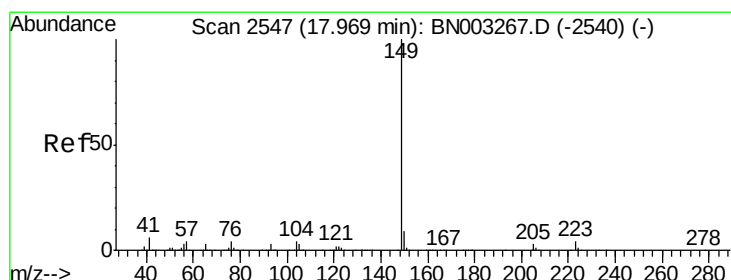
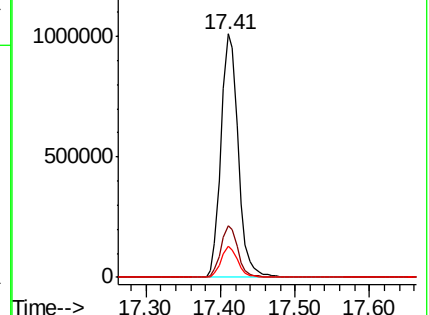
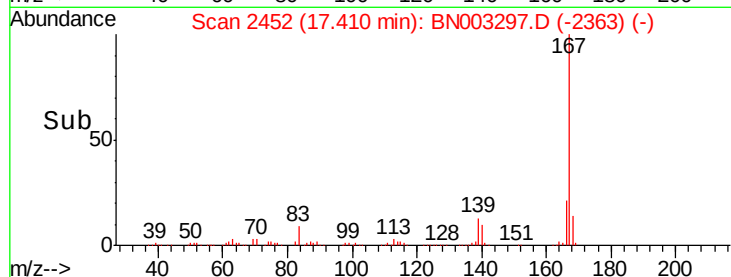


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.800 ng

RT: 17.97 min Scan# 2547

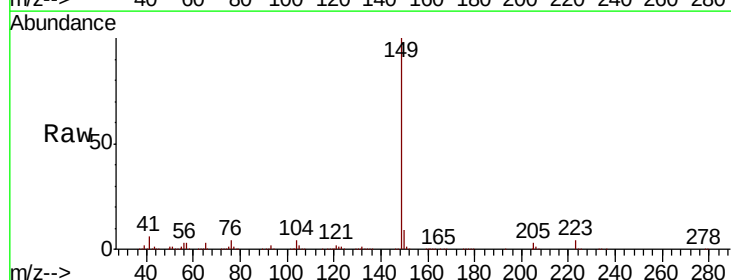
Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Tgt Ion:149 Resp: 1912338

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.2   | 10.8  |
| 104 | 4.3   | 3.6   | 5.4   |

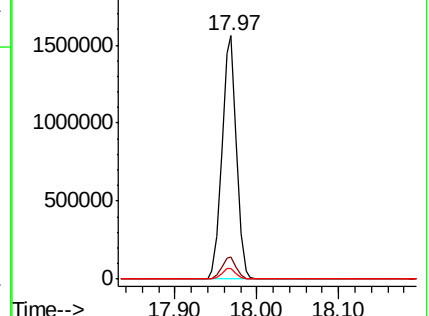
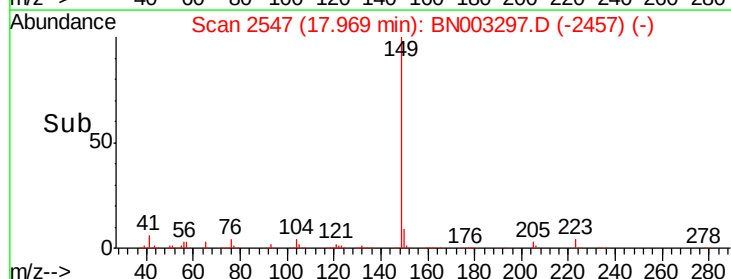


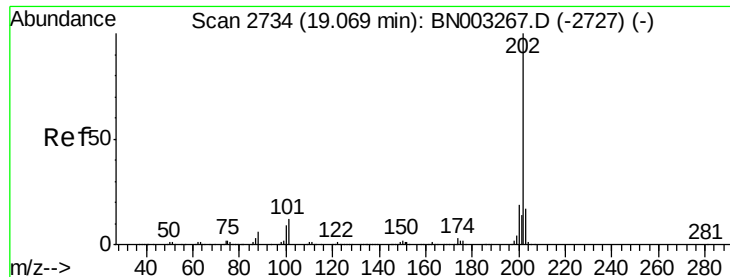
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.422 ng

RT: 19.07 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

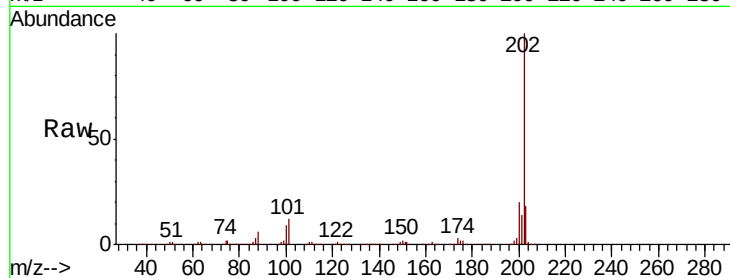
Tot Ion:202 Resp: 1850848

Ion Ratio Lower Upper

202 100

101 12.1 0.0 32.3

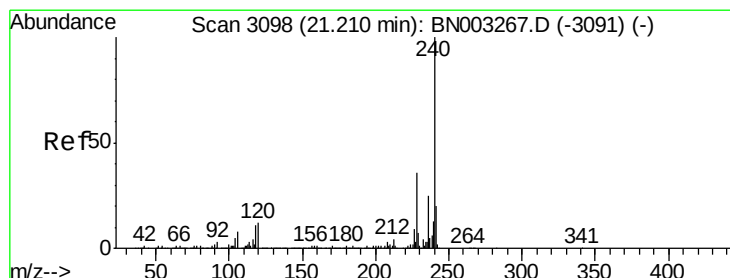
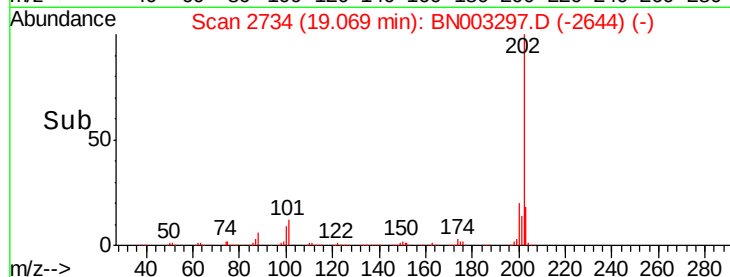
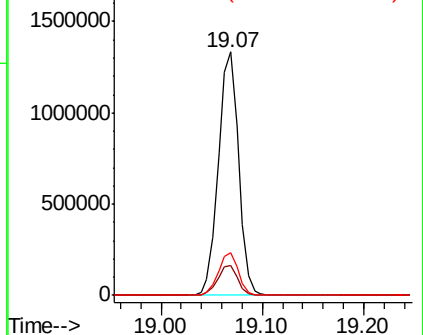
203 17.6 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.21 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

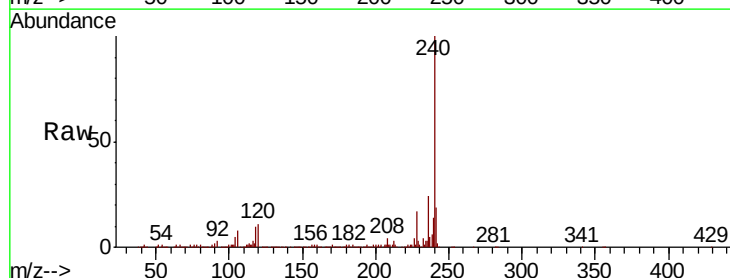
Tgt Ion:240 Resp: 829476

Ion Ratio Lower Upper

240 100

120 11.5 9.4 14.0

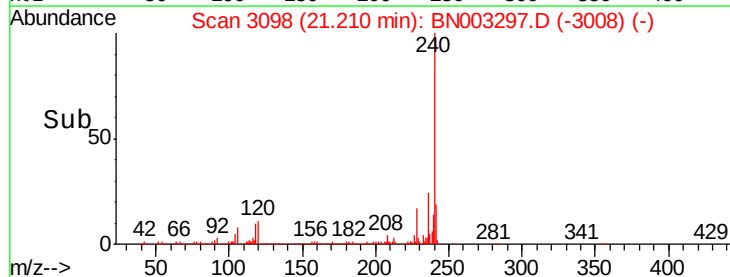
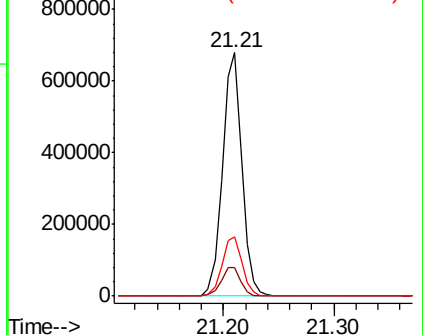
236 24.4 20.3 30.5

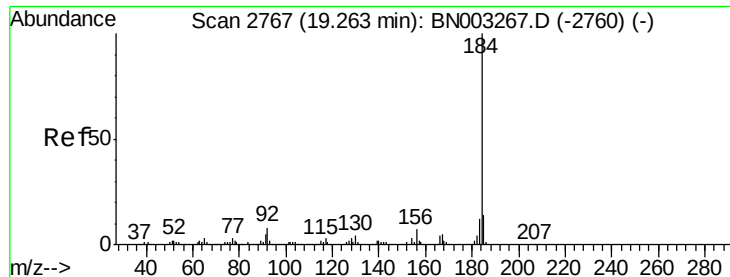


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.744 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

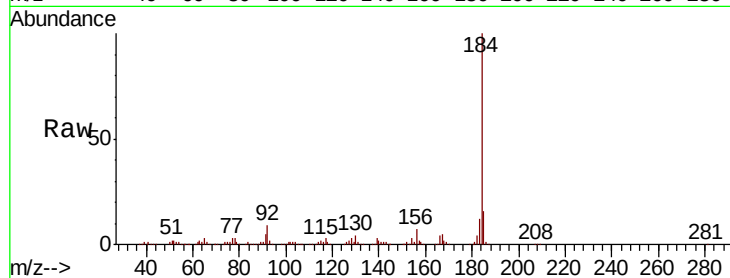
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:184 Resp: 1013670

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.0  | 11.5  | 17.3  |
| 183 | 12.2  | 9.4   | 14.0  |

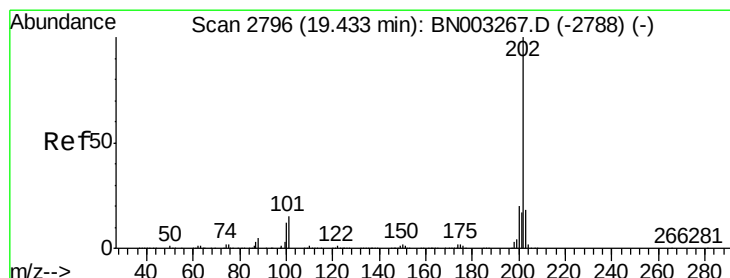
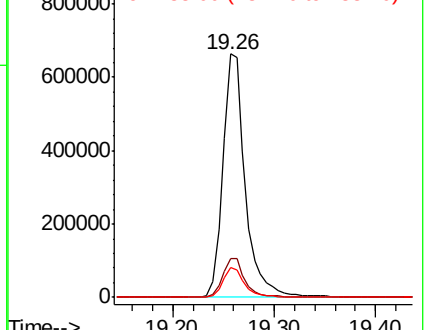
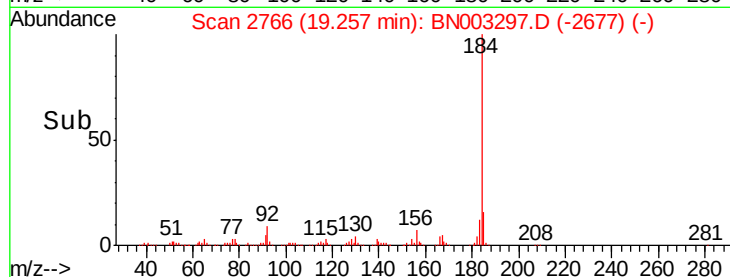


Abundance

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



#78

Pyrene

Concen: 39.236 ng

RT: 19.43 min Scan# 2796

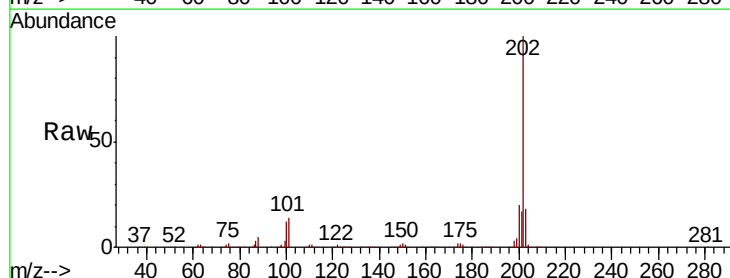
Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Tgt Ion:202 Resp: 1912793

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.2  | 16.2  | 24.4  |
| 203 | 17.5  | 14.3  | 21.5  |

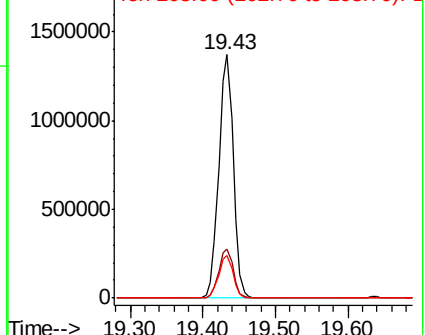
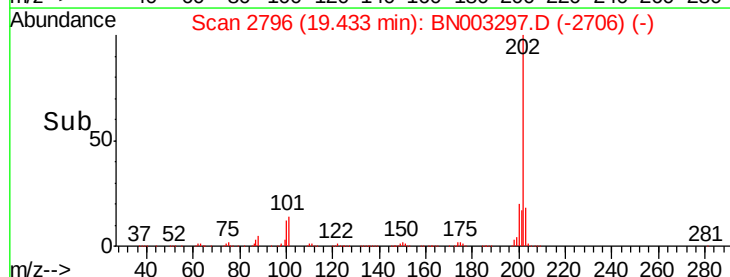


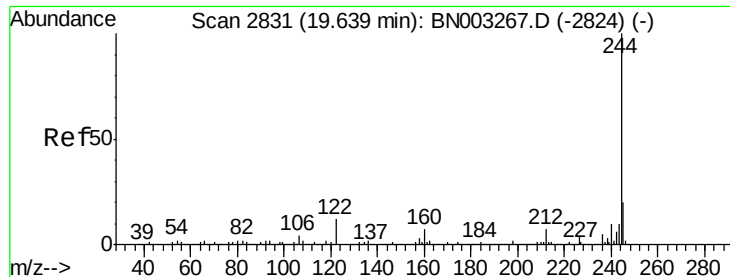
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.931 ng

RT: 19.64 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

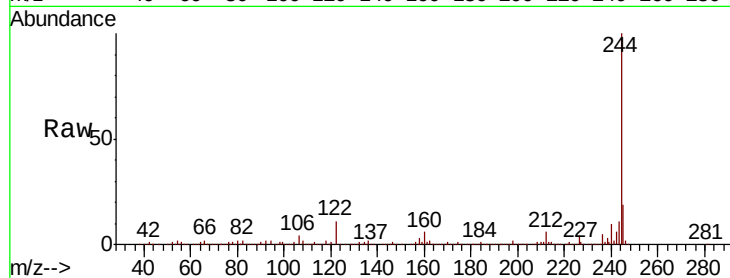
Tot Ion:244 Resp: 3022701

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

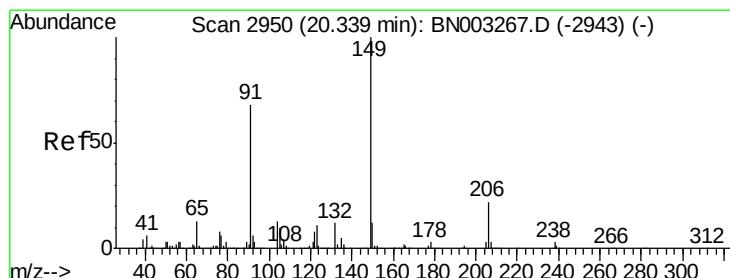
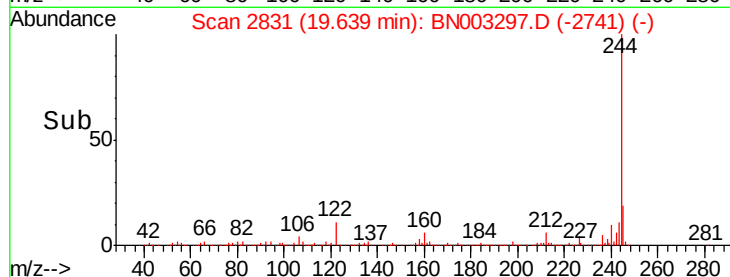
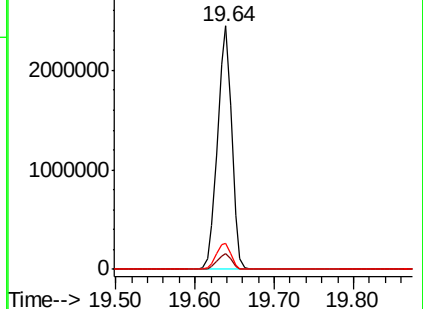
122 10.8 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.187 ng

RT: 20.34 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

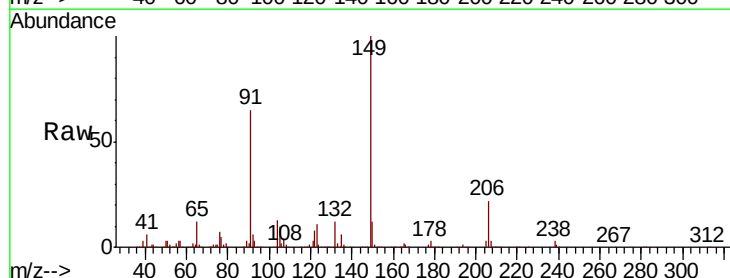
Tgt Ion:149 Resp: 887062

Ion Ratio Lower Upper

149 100

91 65.4 54.6 81.8

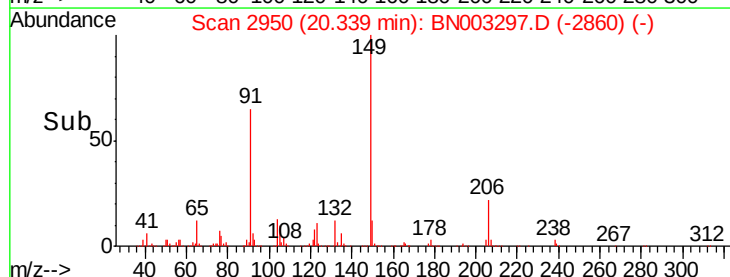
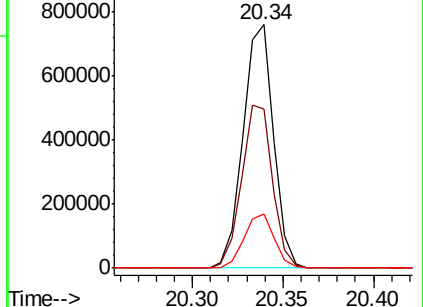
206 22.3 17.8 26.6

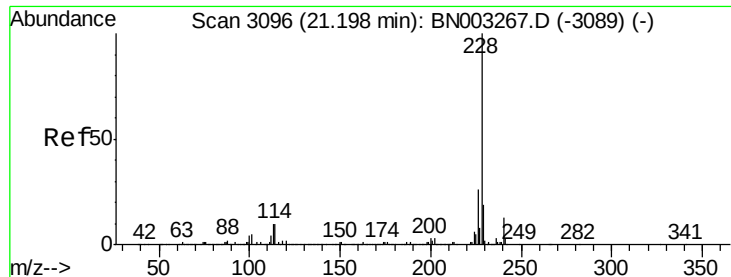


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

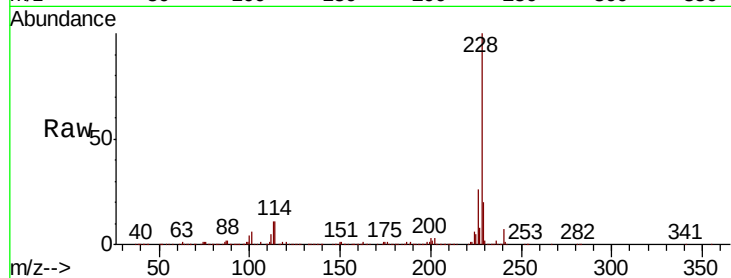




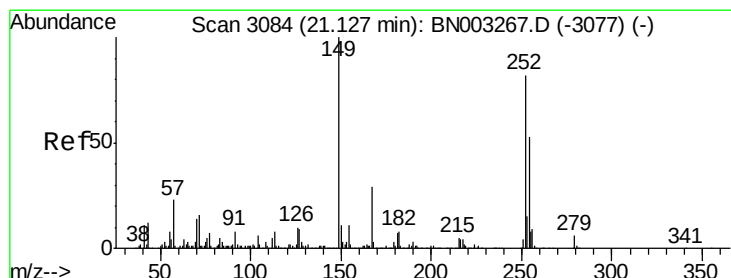
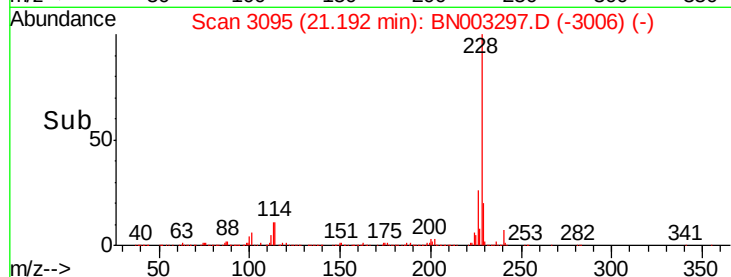
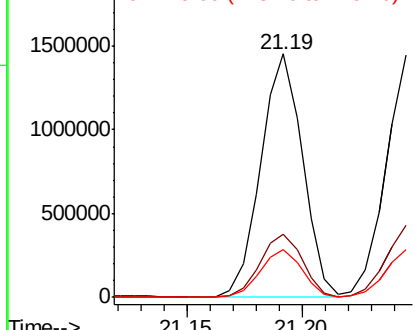
#81  
Benzo(a)anthracene  
Concen: 38.014 ng  
RT: 21.19 min Scan# 3095  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:228 Resp: 1836266  
Ion Ratio Lower Upper  
228 100  
226 26.1 20.8 31.2  
229 19.7 15.3 22.9

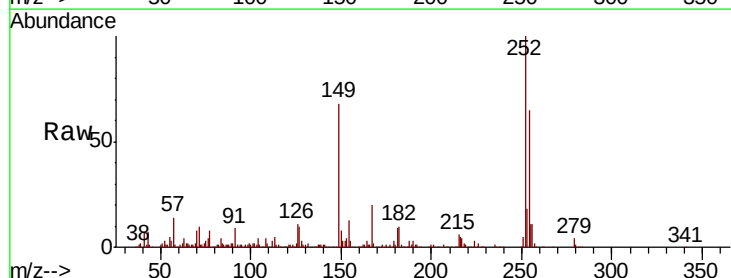


Abundance Ion 228.00 (227.70 to 228.70): E  
2000000 Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

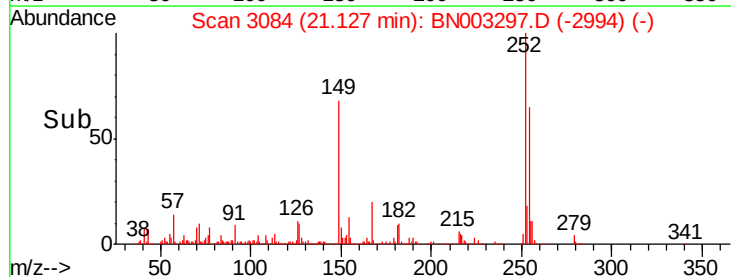
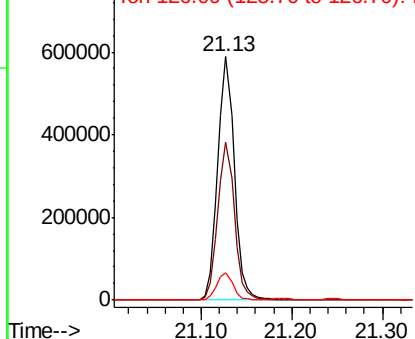


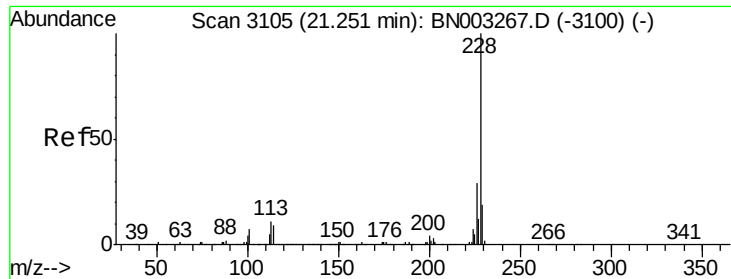
#82  
3,3'-Dichlorobenzidine  
Concen: 37.458 ng  
RT: 21.13 min Scan# 3084  
Delta R.T. -0.00 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion:252 Resp: 748781  
Ion Ratio Lower Upper  
252 100  
254 64.7 51.1 76.7  
126 11.3 9.3 13.9



Abundance Ion 252.00 (251.70 to 252.70): E  
800000 Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E

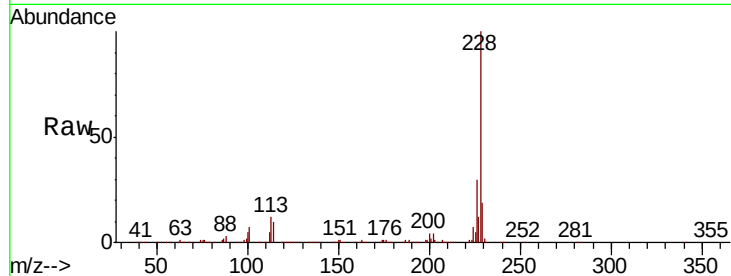




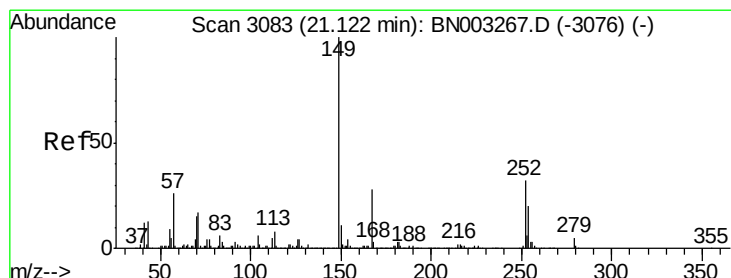
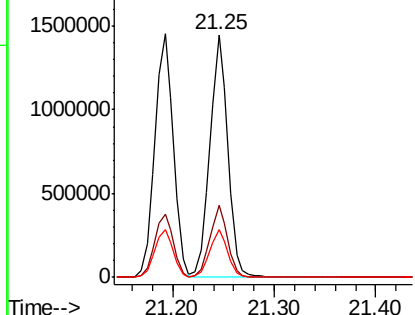
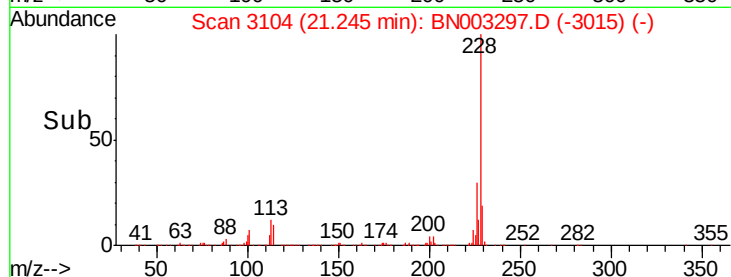
#83  
 Chrysene  
 Concen: 38.354 ng  
 RT: 21.25 min Scan# 3104  
 Delta R.T. -0.01 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:228 Resp: 1780988  
 Ion Ratio Lower Upper  
 228 100  
 226 29.5 23.3 34.9  
 229 19.5 15.3 22.9

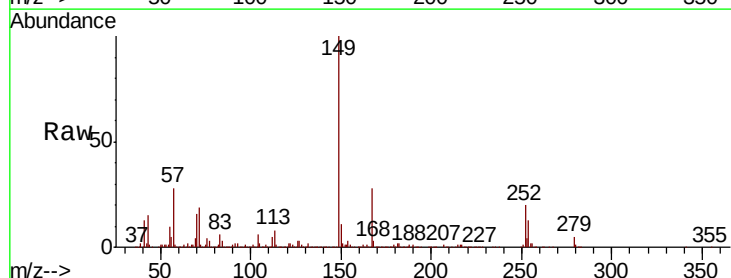


Abundance Ion 228.00 (227.70 to 228.70): E  
 2000000 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

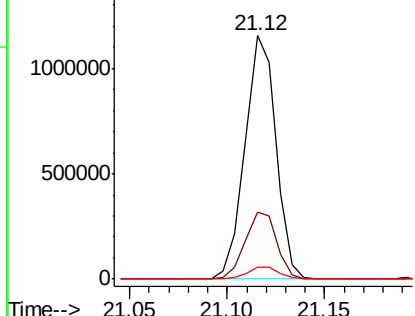
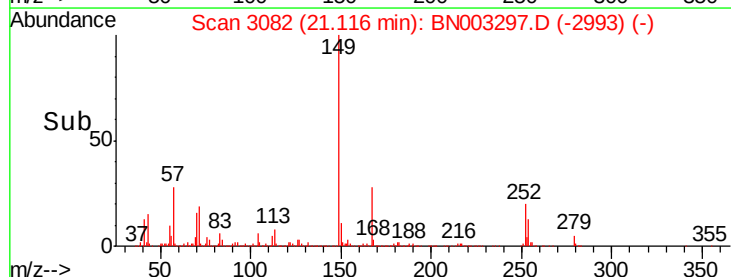


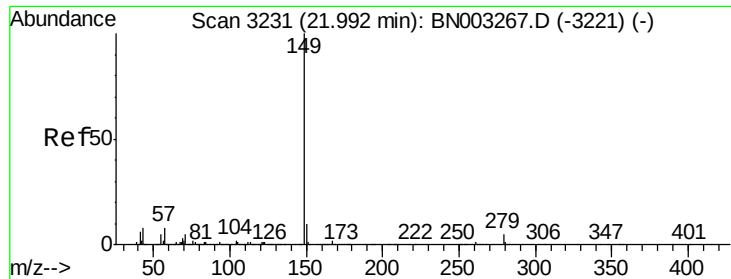
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 37.905 ng  
 RT: 21.12 min Scan# 3082  
 Delta R.T. -0.01 min  
 Lab File: BN003297.D  
 Acq: 25 Oct 2018 06:26

Tgt Ion:149 Resp: 1272475  
 Ion Ratio Lower Upper  
 149 100  
 167 27.7 22.6 33.8  
 279 4.7 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E  
 1500000 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

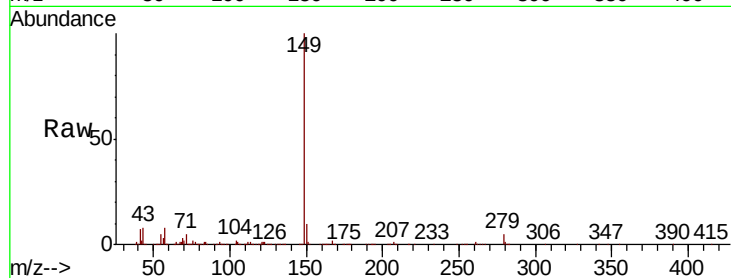




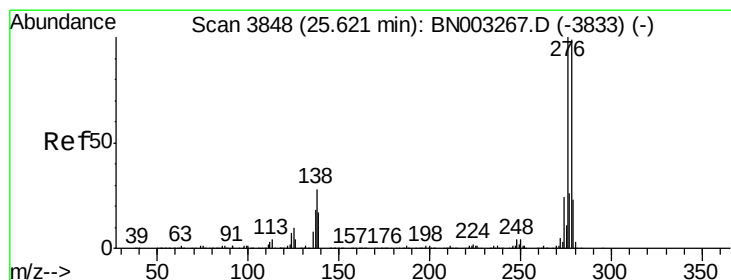
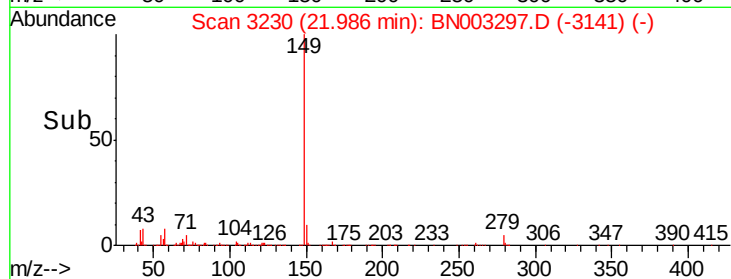
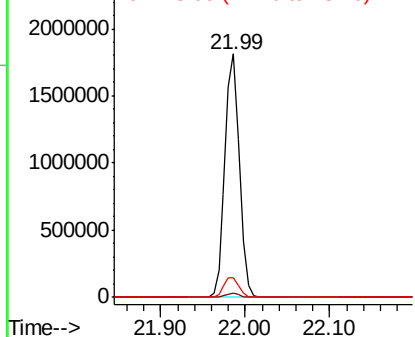
#85  
Di-n-octyl phthalate  
Concen: 37.282 ng  
RT: 21.99 min Scan# 3230  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:149 Resp: 2147644  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.3 1.9  
43 8.7 6.9 10.3

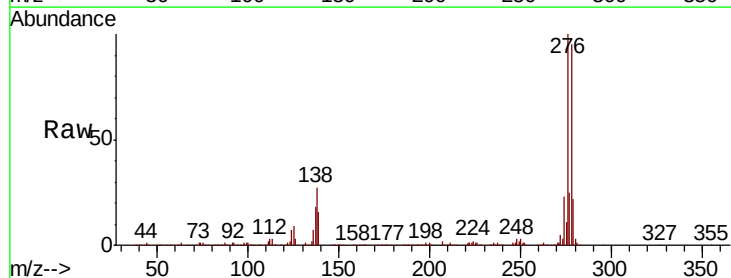


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BNO

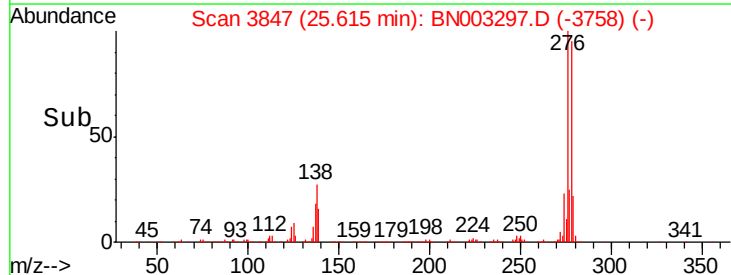
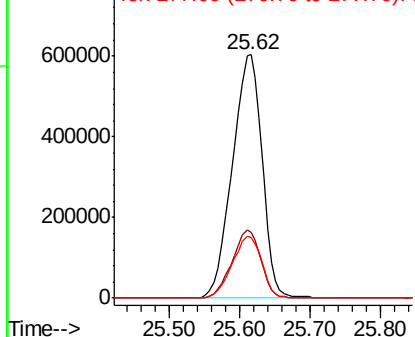


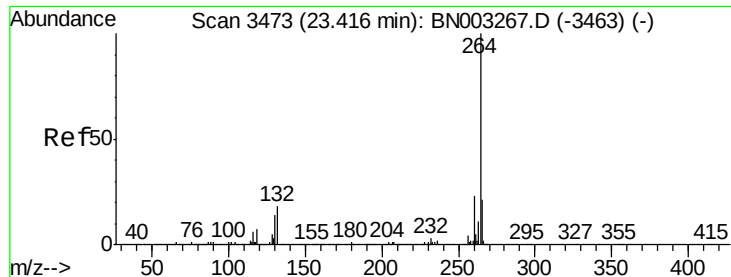
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 33.216 ng  
RT: 25.62 min Scan# 3847  
Delta R.T. -0.01 min  
Lab File: BN003297.D  
Acq: 25 Oct 2018 06:26

Tgt Ion:276 Resp: 1767701  
Ion Ratio Lower Upper  
276 100  
138 27.1 21.2 31.8  
277 25.5 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.41 min Scan# 3472

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampled :

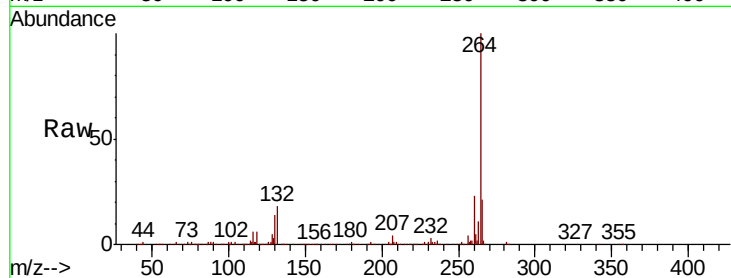
Tot Ion:264 Resp: 832866

Ion Ratio Lower Upper

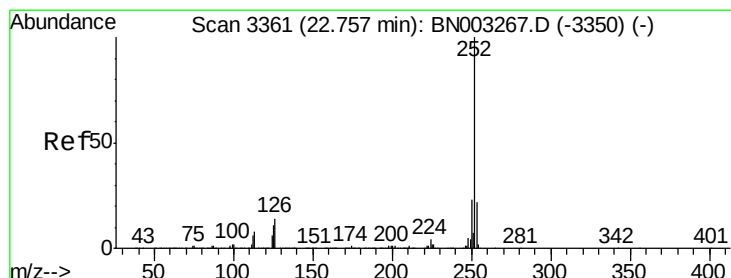
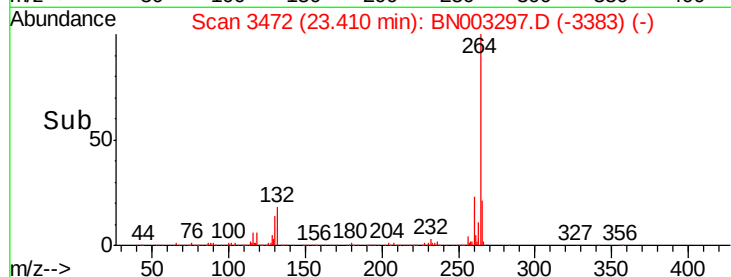
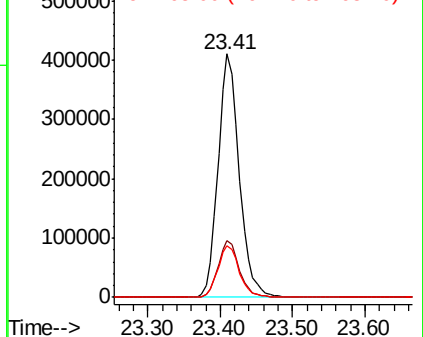
264 100

260 23.2 18.5 27.7

265 21.0 16.6 25.0



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.370 ng

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

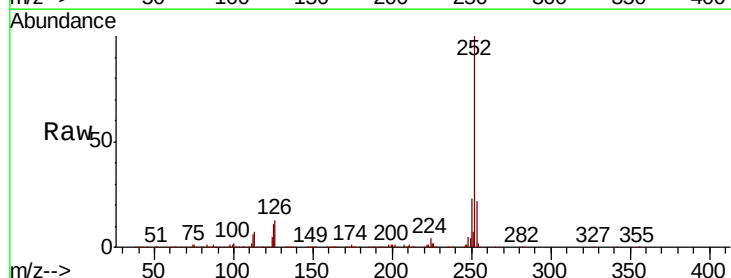
Tgt Ion:252 Resp: 1759553

Ion Ratio Lower Upper

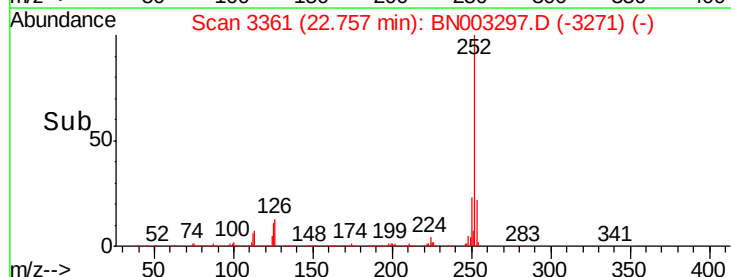
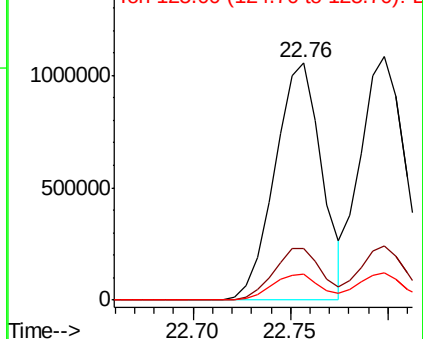
252 100

253 21.9 17.8 26.6

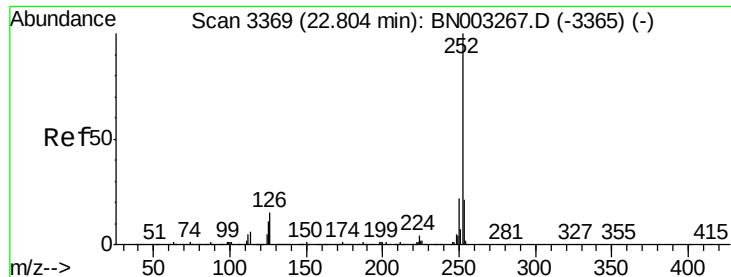
125 10.8 8.6 12.8



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(k)fluoranthene

Concen: 38.806 ng

RT: 22.80 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

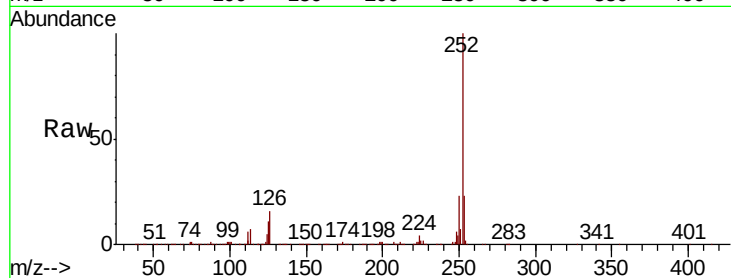
Tot Ion:252 Resp: 1745324

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.0

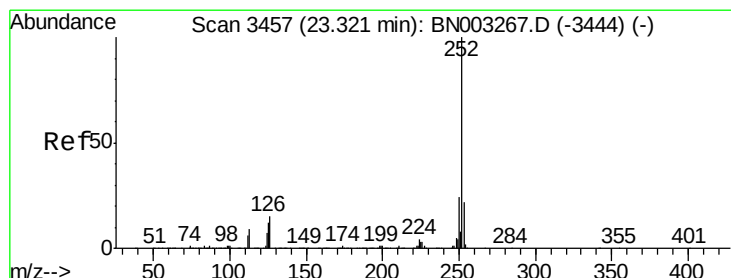
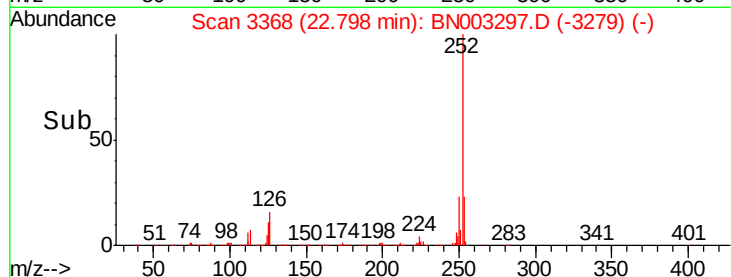
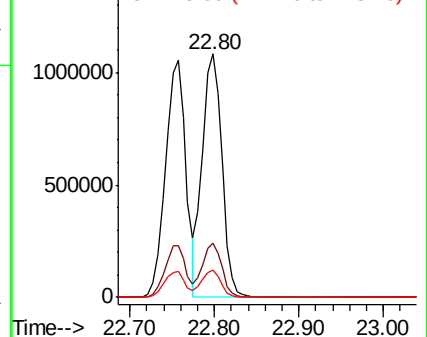
125 11.1 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.338 ng

RT: 23.32 min Scan# 3456

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

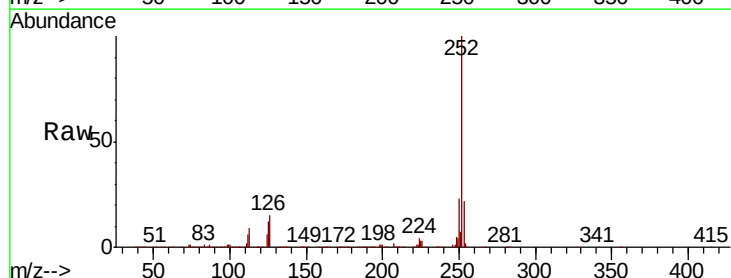
Tgt Ion:252 Resp: 1675548

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

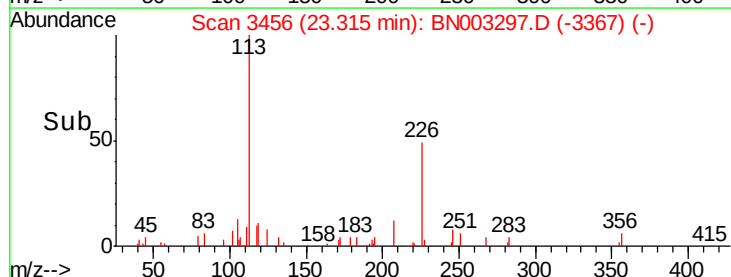
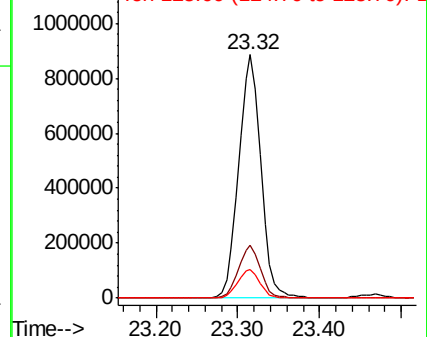
125 11.7 9.6 14.4

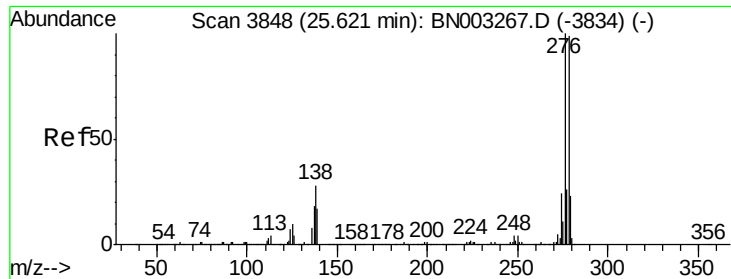


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 35.099 ng

RT: 25.62 min Scan# 3847

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

Instrument :

BNA\_N

ClientSampleId :

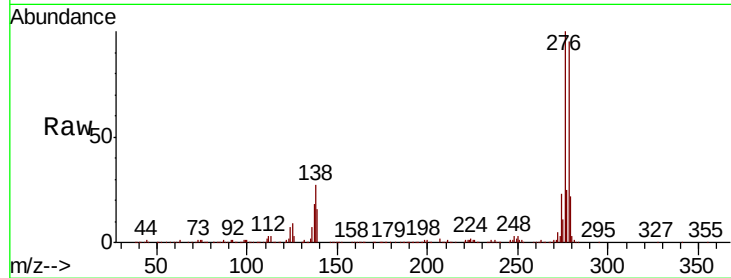
Tot Ion:278 Resp: 1518330

Ion Ratio Lower Upper

278 100

139 17.1 13.9 20.9

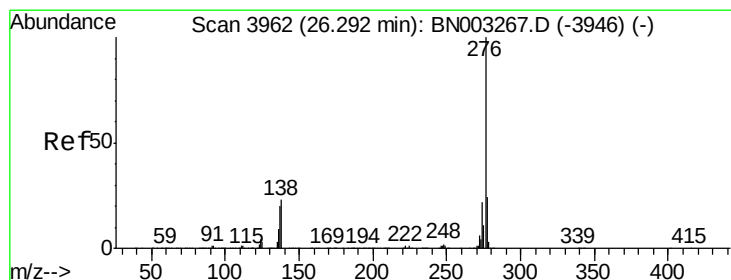
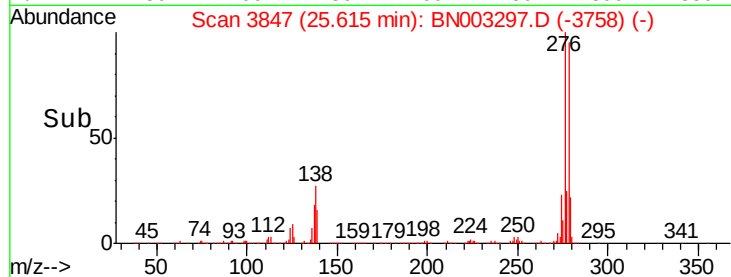
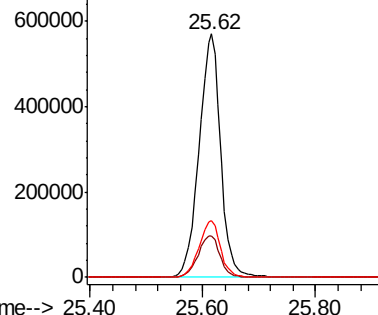
279 23.4 19.0 28.6



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



#92

Benzo(g,h,i)perylene

Concen: 34.241 ng

RT: 26.29 min Scan# 3961

Delta R.T. -0.01 min

Lab File: BN003297.D

Acq: 25 Oct 2018 06:26

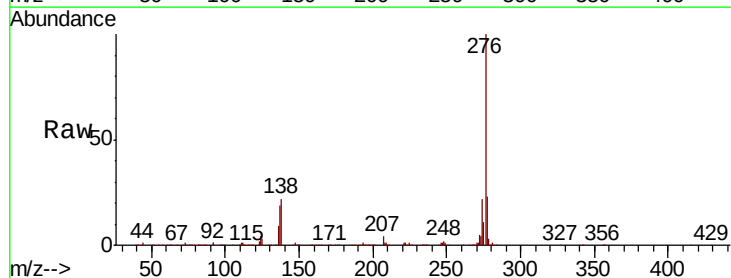
Tgt Ion:276 Resp: 1421994

Ion Ratio Lower Upper

276 100

277 22.8 19.1 28.7

138 22.0 18.2 27.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

