

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\  
 Data File : BN002163.D  
 Acq On : 26 Jul 2018 07:23  
 Operator : JU/SJ  
 Sample : J3762-09  
 Misc : MDL 5 PPM  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 26 08:56:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 25 20:08:02 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 222695   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.46 | 136  | 910303   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.32 | 164  | 506855   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.07 | 188  | 1037873  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.27 | 240  | 920051   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.49 | 264  | 882697   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.31  | 112 | 1721433 | 124.45 | ng | 0.00 |
| 7) Phenol-d6             | 6.88  | 99  | 2300540 | 118.51 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.84  | 82  | 1543614 | 86.96  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.82 | 330 | 796409  | 121.00 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.94 | 172 | 3379733 | 86.85  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.71 | 244 | 4725510 | 107.12 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.29  | 88  | 24040  | 4.629 | ng | # 74   |
| 3) Pyridine                    | 3.67  | 79  | 68288  | 4.540 | ng | # 65   |
| 4) n-Nitrosodimethylamine      | 3.59  | 42  | 30341  | 4.702 | ng | # 64   |
| 6) Aniline                     | 7.03  | 93  | 88182  | 3.719 | ng | 98     |
| 8) 2-Chlorophenol              | 7.26  | 128 | 73422  | 4.577 | ng | 96     |
| 9) Benzaldehyde                | 6.85  | 77  | 67462  | 5.643 | ng | 94     |
| 10) Phenol                     | 6.90  | 94  | 94570  | 4.753 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.13  | 93  | 69185  | 4.272 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.58  | 146 | 81008  | 4.431 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.73  | 146 | 83412  | 4.460 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 8.04  | 146 | 80730  | 4.474 | ng | 98     |
| 15) Benzyl Alcohol             | 7.93  | 79  | 50815  | 3.469 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.22  | 45  | 118902 | 4.547 | ng | 94     |
| 17) 2-Methylphenol             | 8.13  | 107 | 61309  | 4.513 | ng | 91     |
| 18) Hexachloroethane           | 8.76  | 117 | 30791  | 4.498 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.49  | 70  | 56871  | 4.039 | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.46  | 107 | 79451  | 4.192 | ng | 92     |
| 22) Acetophenone               | 8.50  | 105 | 113412 | 4.805 | ng | # 98   |
| 24) Nitrobenzene               | 8.88  | 77  | 91620  | 4.980 | ng | 97     |
| 25) Isophorone                 | 9.40  | 82  | 150402 | 4.935 | ng | 98     |
| 26) 2-Nitrophenol              | 9.59  | 139 | 34499  | 3.882 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 61788  | 4.999 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.89  | 93  | 93967  | 4.773 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.12 | 162 | 62984  | 4.370 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 75093  | 4.601 | ng | 98     |
| 31) Naphthalene                | 10.51 | 128 | 232428 | 5.059 | ng | 97     |
| 32) Benzoic acid               | 9.73  | 122 | 19794  | 1.888 | ng | 92     |
| 33) 4-Chloroaniline            | 10.63 | 127 | 71684  | 3.507 | ng | 97     |
| 34) Hexachlorobutadiene        | 10.80 | 225 | 44656  | 4.468 | ng | 96     |
| 35) Caprolactam                | 11.38 | 113 | 14895  | 3.028 | ng | # 69   |
| 36) 4-Chloro-3-methylphenol    | 11.76 | 107 | 68852  | 4.202 | ng | 92     |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 167634 | 5.174 | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 81555  | 4.785 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.48 | 237 | 43768  | 4.547 | ng | 90     |

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 ALS Vial : 21 Sample Multiplier: 1

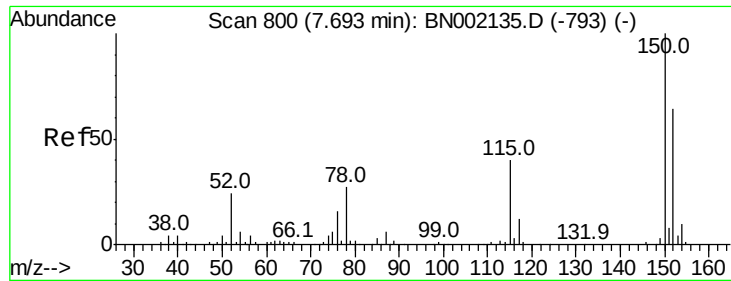
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 26 08:56:14 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 25 20:08:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.75 | 196  | 47764    | 4.177 | nq    | 100      |
| 43) 2,4,5-Trichlorophenol      | 12.82 | 196  | 53448    | 4.413 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 13.15 | 154  | 213345   | 4.783 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.19 | 162  | 162552   | 4.722 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.40 | 65   | 44916    | 4.055 | nq    | 96       |
| 48) Acenaphthylene             | 14.04 | 152  | 259654   | 4.970 | nq    | 98       |
| 49) Dimethylphthalate          | 13.78 | 163  | 198665   | 4.719 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 13.90 | 165  | 40976    | 4.381 | nq    | 94       |
| 51) Acenaphthene               | 14.39 | 154  | 154785   | 4.919 | nq    | 98       |
| 52) 3-Nitroaniline             | 14.23 | 138  | 33591    | 3.314 | nq    | # 92     |
| 53) 2,4-Dinitrophenol          | 14.45 | 184  | 12118    | 2.447 | nq    | 90       |
| 54) Dibenzofuran               | 14.72 | 168  | 249022   | 4.881 | nq    | 95       |
| 55) 4-Nitrophenol              | 14.55 | 139  | 27194    | 3.495 | nq    | 92       |
| 56) 2,4-Dinitrotoluene         | 14.69 | 165  | 52693    | 4.151 | nq    | 93       |
| 57) Fluorene                   | 15.37 | 166  | 191150   | 4.971 | nq    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 42840    | 4.112 | nq    | # 90     |
| 59) Diethylphthalate           | 15.15 | 149  | 189197   | 4.415 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.37 | 204  | 98482    | 4.628 | nq    | 96       |
| 61) 4-Nitroaniline             | 15.39 | 138  | 37036    | 3.585 | nq    | 97       |
| 62) Azobenzene                 | 15.66 | 77   | 187674   | 4.564 | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.46 | 198  | 20383    | 2.909 | nq    | 87       |
| 65) n-Nitrosodiphenylamine     | 15.59 | 169  | 158715   | 4.609 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.26 | 248  | 57384    | 4.723 | nq    | # 92     |
| 67) Hexachlorobenzene          | 16.38 | 284  | 62154    | 4.625 | nq    | 95       |
| 68) Atrazine                   | 16.54 | 200  | 49376    | 4.258 | nq    | 95       |
| 69) Pentachlorophenol          | 16.73 | 266  | 21615    | 2.499 | nq    | 91       |
| 70) Phenanthrene               | 17.11 | 178  | 288990   | 5.101 | nq    | 100      |
| 71) Anthracene                 | 17.20 | 178  | 281903   | 5.027 | nq    | 99       |
| 72) Carbazole                  | 17.47 | 167  | 242709   | 4.314 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.05 | 149  | 257585   | 3.925 | nq    | 98       |
| 74) Fluoranthene               | 19.13 | 202  | 292714   | 4.759 | nq    | 98       |
| 76) Benzidine                  | 19.32 | 184  | 69492    | 2.316 | nq    | 97       |
| 77) Pyrene                     | 19.50 | 202  | 300037   | 4.729 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.41 | 149  | 101466   | 3.674 | nq    | 92       |
| 80) Benzo(a)anthracene         | 21.25 | 228  | 278796   | 4.972 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 66226    | 3.031 | nq    | 100      |
| 82) Chrysene                   | 21.30 | 228  | 265371   | 4.970 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 150262   | 3.901 | nq    | # 94     |
| 84) Di-n-octyl phthalate       | 22.07 | 149  | 242676   | 3.974 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.72 | 276  | 281434   | 5.406 | nq    | # 94     |
| 87) Benzo(b)fluoranthene       | 22.83 | 252  | 261535   | 5.020 | nq    | 96       |
| 88) Benzo(k)fluoranthene       | 22.87 | 252  | 250749   | 4.887 | nq    | 99       |
| 89) Benzo(a)pyrene             | 23.40 | 252  | 242349   | 4.981 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.73 | 278  | 236076   | 5.168 | nq    | # 94     |
| 91) Benzo(g,h,i)perylene       | 26.40 | 276  | 234165   | 5.305 | nq    | # 95     |

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



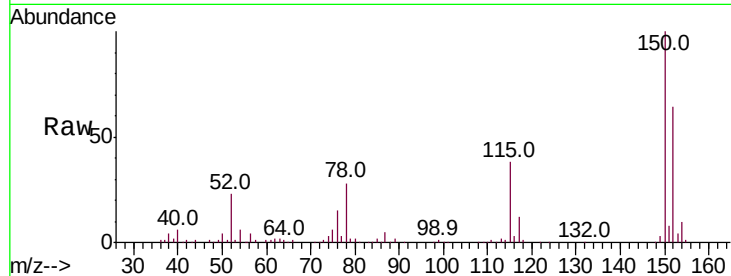


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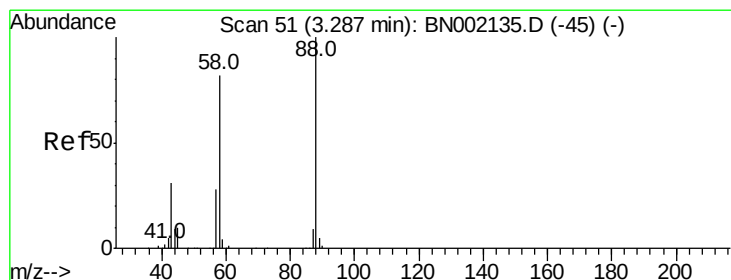
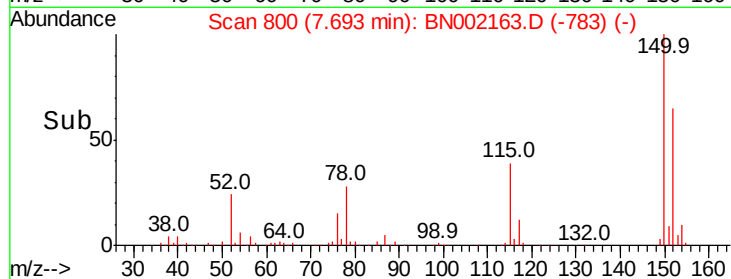
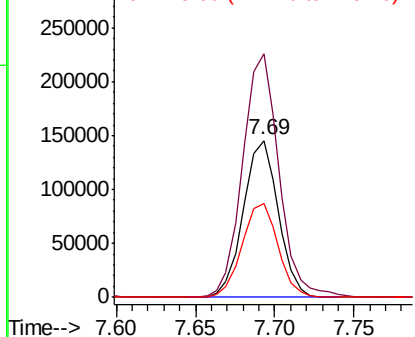
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.69 min Scan# 800  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 222695  
Ion Ratio Lower Upper  
152 100  
150 155.5 126.6 189.8  
115 59.9 53.0 79.4



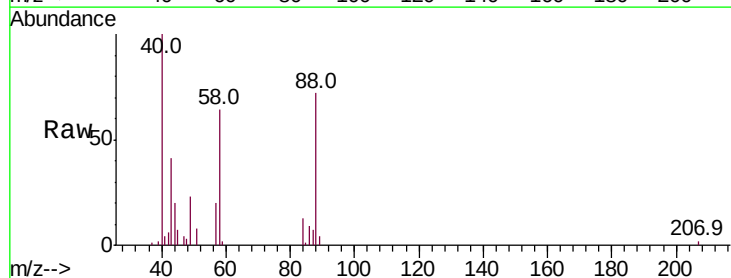
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



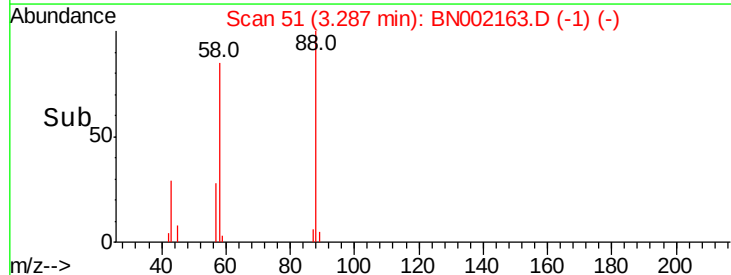
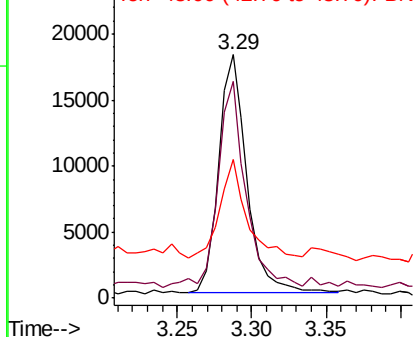
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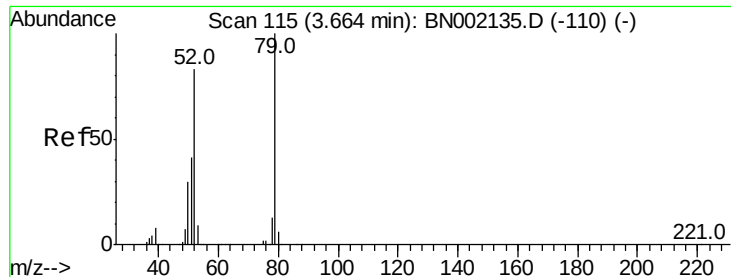
1,4-Dioxane  
Concen: 4.629 ng  
RT: 3.29 min Scan# 51  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Tgt Ion: 88 Resp: 24040  
Ion Ratio Lower Upper  
88 100  
58 84.6 52.0 78.0#  
43 39.2 20.0 30.0#



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

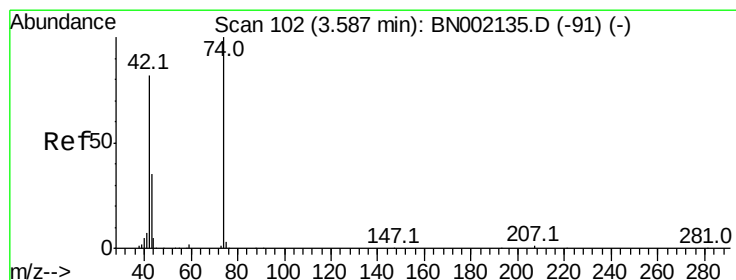
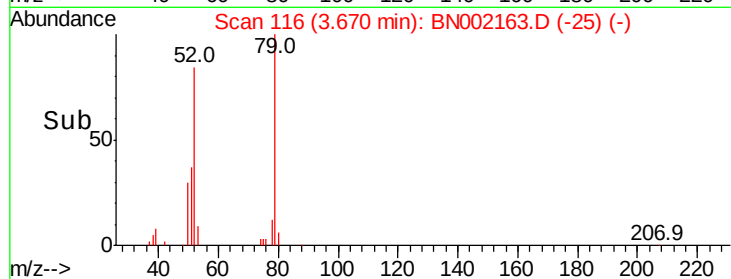
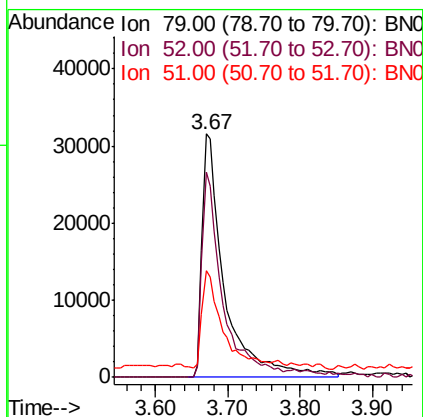
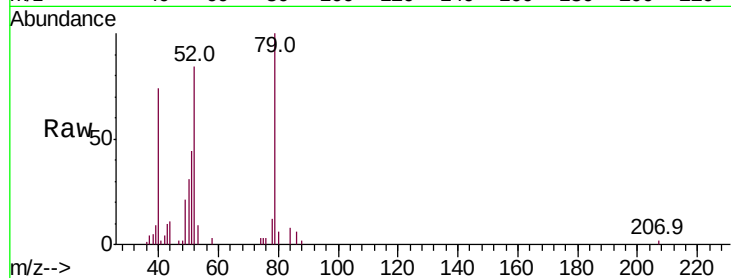




#3  
 Pvridine  
 Concen: 4.540 ng  
 RT: 3.67 min Scan# 116  
 Delta R.T. 0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

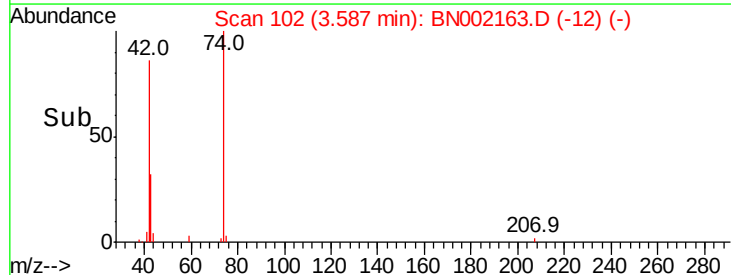
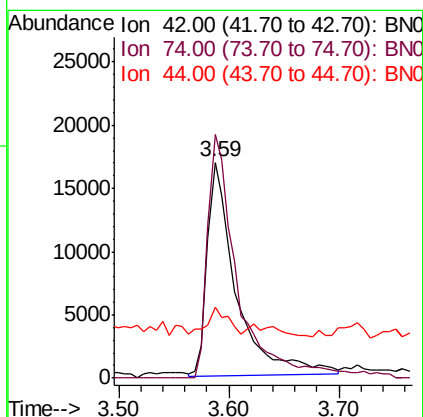
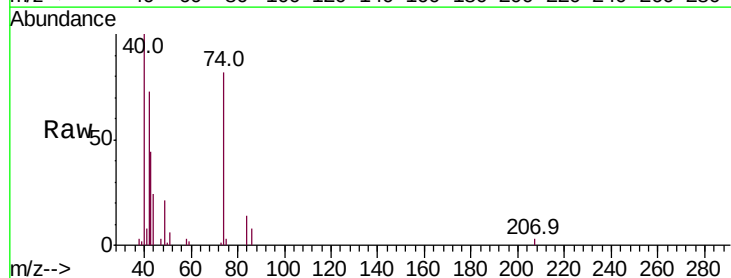
Instrument :  
 BNA\_N  
 ClientSampleId :

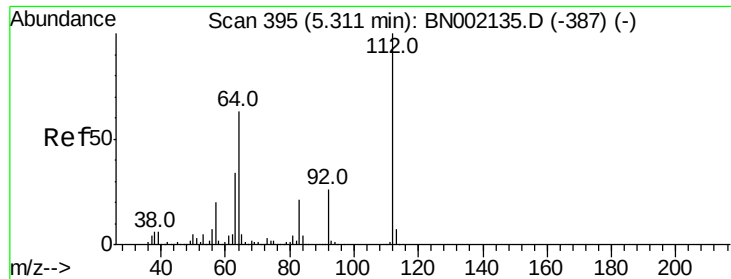
Tot Ion: 79 Resp: 68288  
 Ion Ratio Lower Upper  
 79 100  
 52 84.2 44.0 66.0#  
 51 43.6 24.0 36.0#



#4  
 n-Nitrosodimethylamine  
 Concen: 4.702 ng  
 RT: 3.59 min Scan# 102  
 Delta R.T. 0.00 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Tgt Ion: 42 Resp: 30341  
 Ion Ratio Lower Upper  
 42 100  
 74 112.7 128.0 192.0#  
 44 32.5 12.0 18.0#





#5

2-Fluorophenol

Concen: 124.448 ng

RT: 5.31 min Scan# 395

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

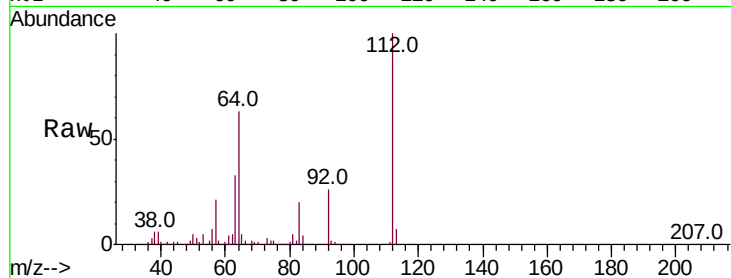
Tot Ion:112 Resp: 1721433

Ion Ratio Lower Upper

112 100

64 63.3 56.3 84.5

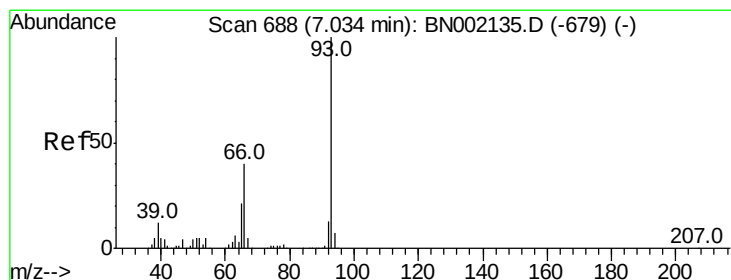
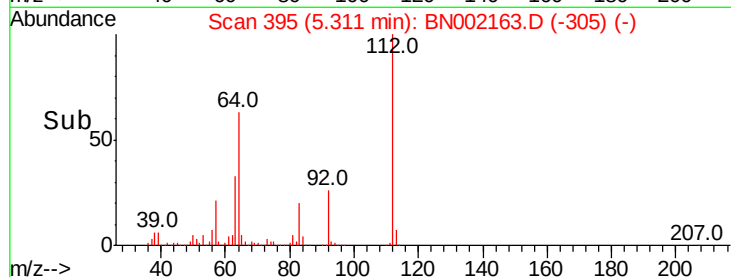
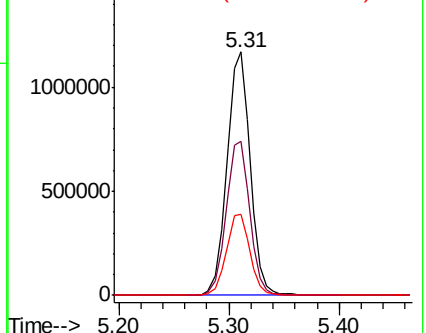
63 33.3 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 3.719 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

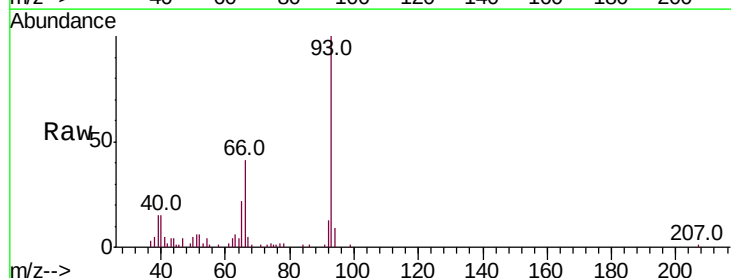
Tgt Ion: 93 Resp: 88182

Ion Ratio Lower Upper

93 100

66 41.0 33.7 50.5

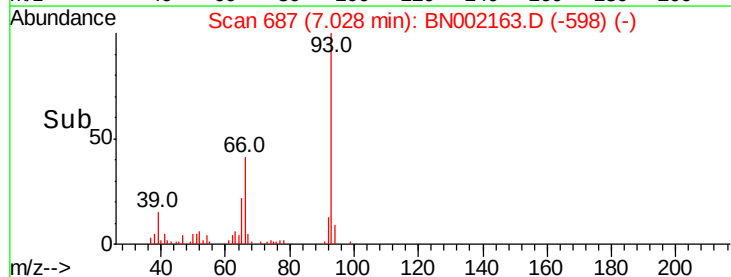
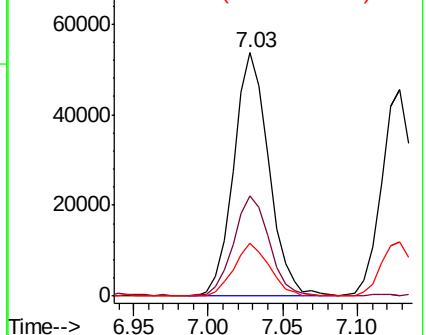
65 21.5 16.1 24.1

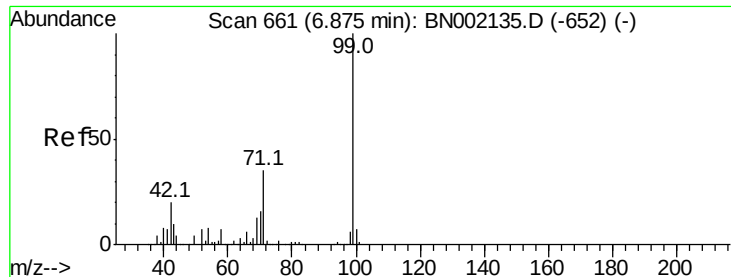


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 118.514 ng

RT: 6.88 min Scan# 661

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

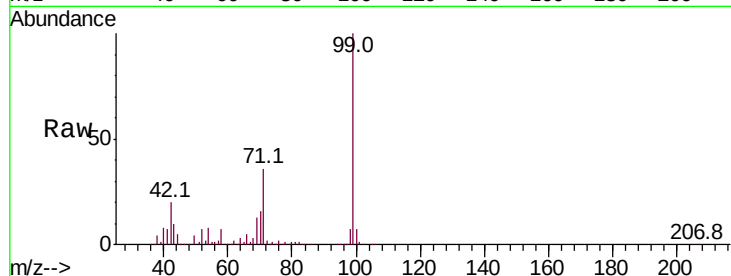
Tot Ion: 99 Resp: 2300540

Ion Ratio Lower Upper

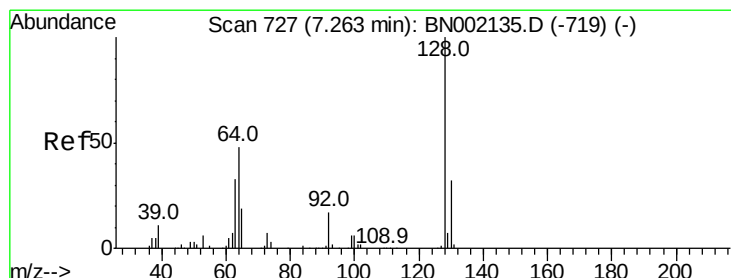
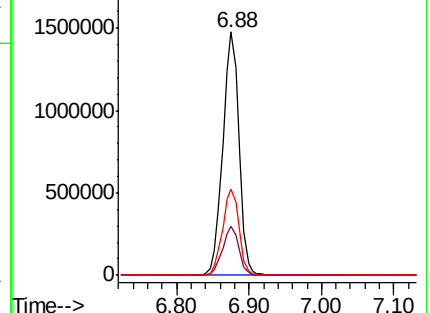
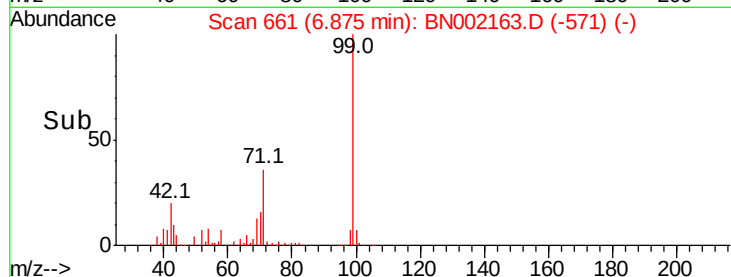
99 100

42 19.9 14.1 21.1

71 35.7 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BNC  
2000000  
Ion 42.00 (41.70 to 42.70): BNC  
Ion 71.00 (70.70 to 71.70): BNC



#8

2-Chlorophenol

Concen: 4.577 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

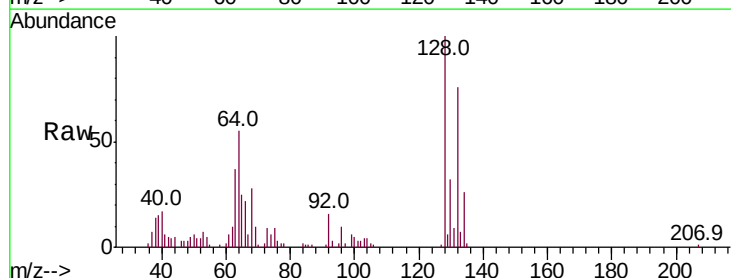
Tgt Ion:128 Resp: 73422

Ion Ratio Lower Upper

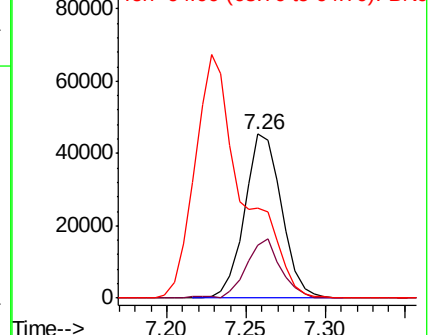
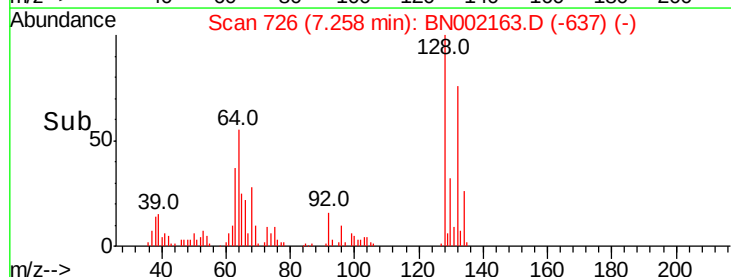
128 100

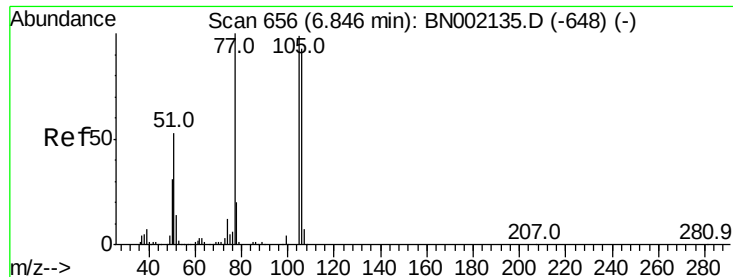
130 32.2 14.0 54.0

64 54.6 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): E  
80000  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BNC





#9

Benzaldehyde

Concen: 5.643 ng

RT: 6.85 min Scan# 656

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampled :

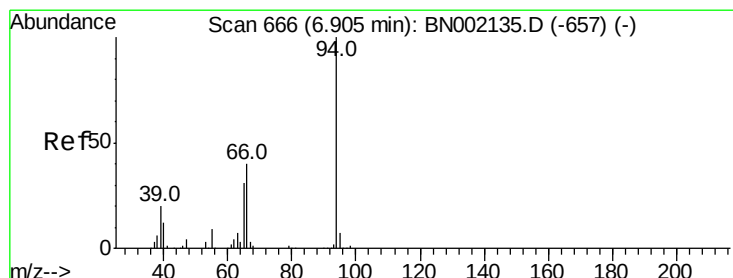
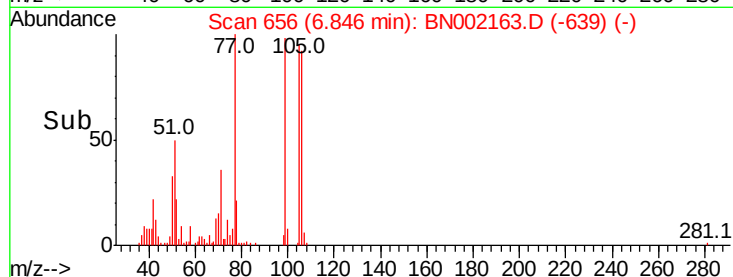
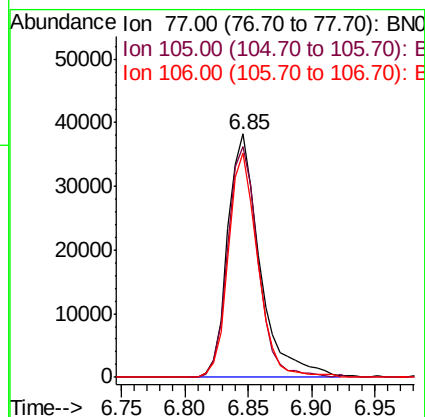
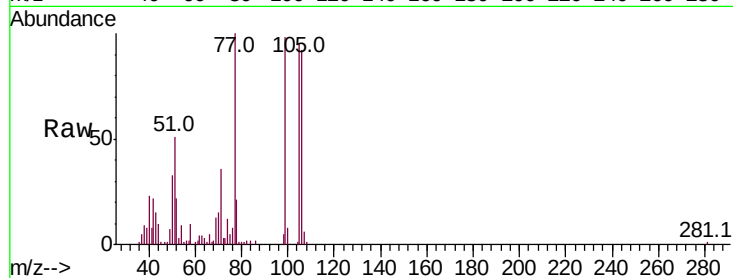
Tot Ion: 77 Resp: 67462

Ion Ratio Lower Upper

77 100

105 94.6 71.3 111.3

106 92.1 64.2 104.2



#10

Phenol

Concen: 4.753 ng

RT: 6.90 min Scan# 665

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

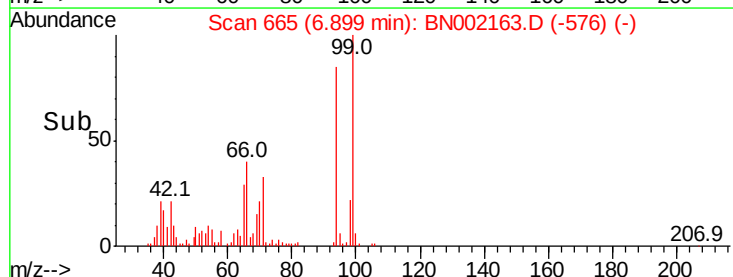
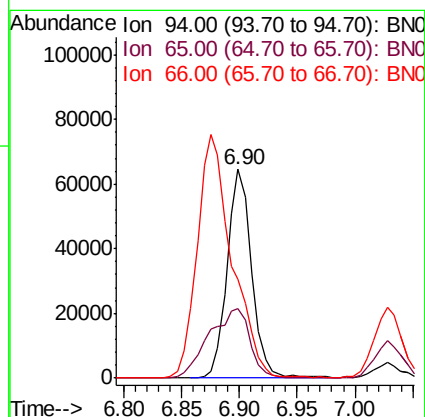
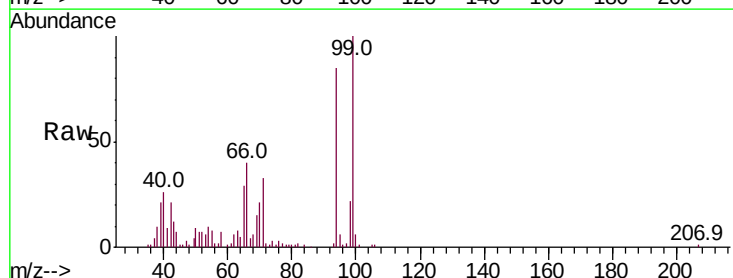
Tgt Ion: 94 Resp: 94570

Ion Ratio Lower Upper

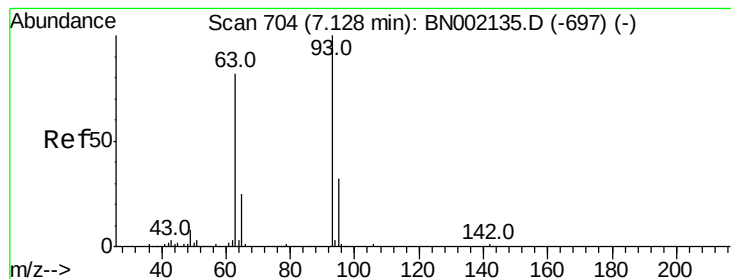
94 100

65 33.5 11.9 51.9

66 47.3 22.2 62.2







#11

bis(2-Chloroethyl)ether

Concen: 4.272 ng

RT: 7.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

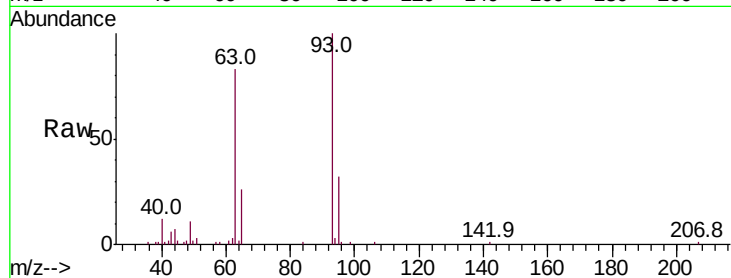
Tot Ion: 93 Resp: 69185

Ion Ratio Lower Upper

93 100

63 83.0 67.1 107.1

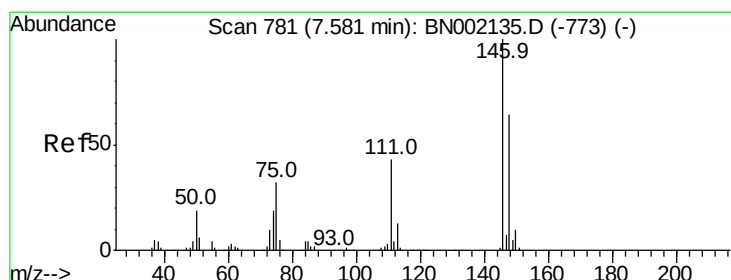
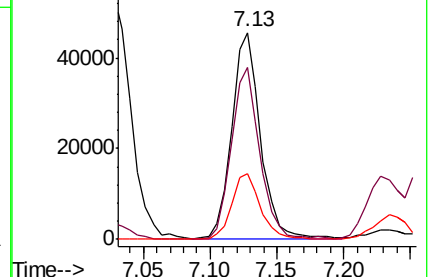
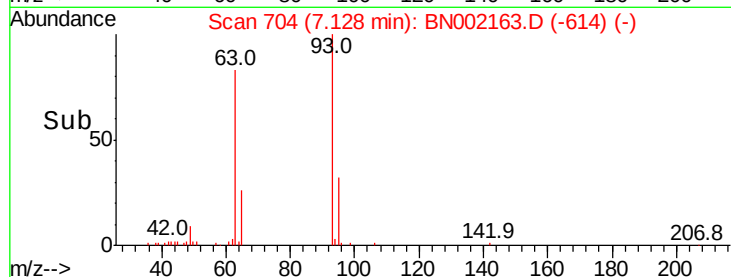
95 31.9 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN002163.D (-614) (-)

Ion 63.00 (62.70 to 63.70): BN002163.D (-614) (-)

Ion 95.00 (94.70 to 95.70): BN002163.D (-614) (-)



#12

1,3-Dichlorobenzene

Concen: 4.431 ng

RT: 7.58 min Scan# 781

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

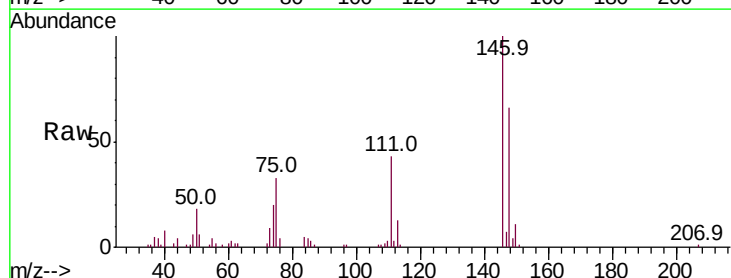
Tgt Ion: 146 Resp: 81008

Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.2

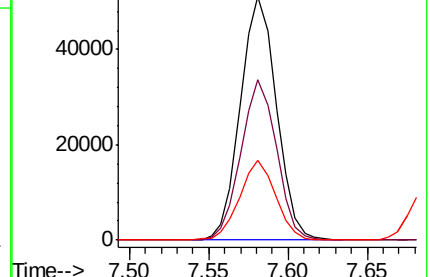
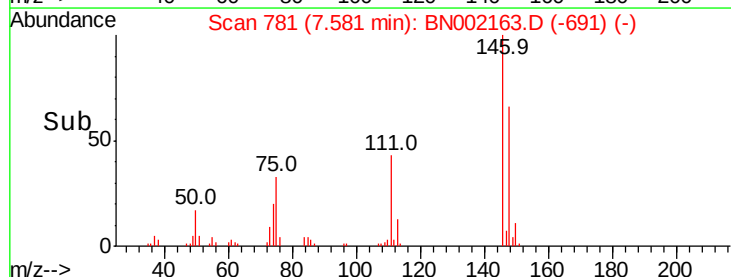
75 32.7 26.6 39.8

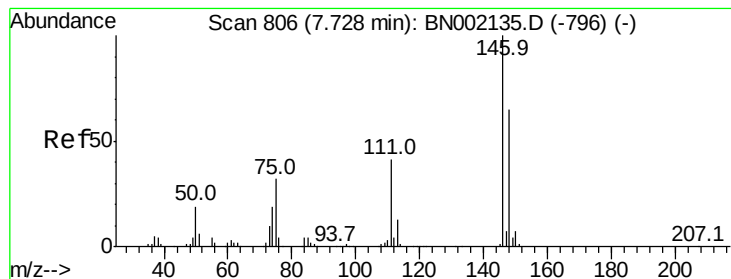


Abundance Ion 146.00 (145.70 to 146.70): BN002163.D (-691) (-)

Ion 148.00 (147.70 to 148.70): BN002163.D (-691) (-)

Ion 75.00 (74.70 to 75.70): BN002163.D (-691) (-)





#13

1,4-Dichlorobenzene

Concen: 4.460 ng

RT: 7.73 min Scan# 806

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

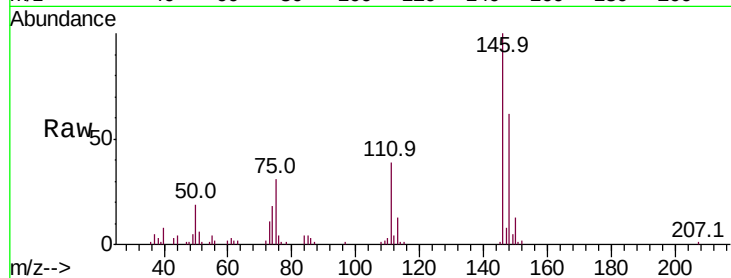
Tot Ion:146 Resp: 83412

Ion Ratio Lower Upper

146 100

148 61.7 53.7 80.5

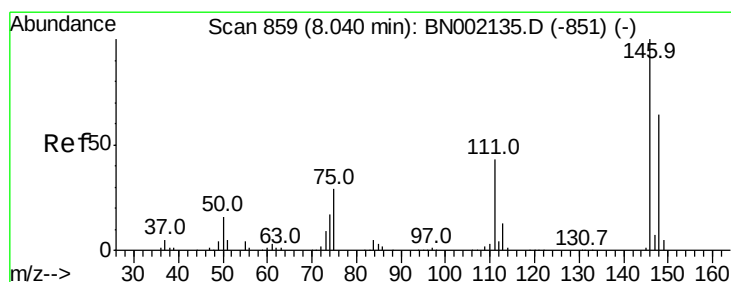
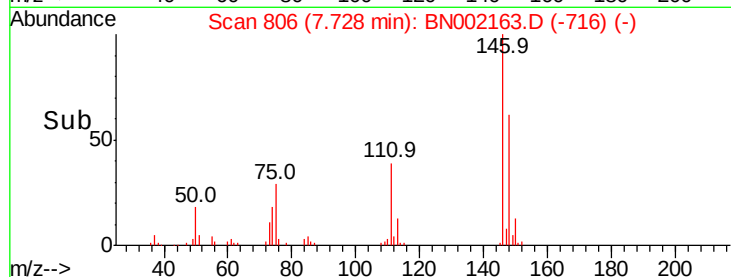
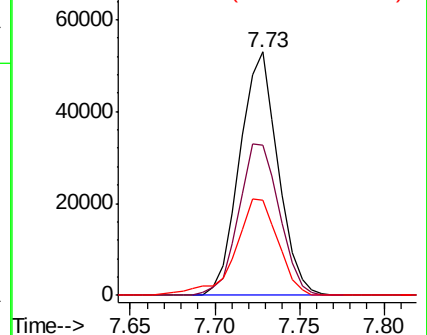
111 38.9 35.2 52.8



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: 4.474 ng

RT: 8.04 min Scan# 859

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

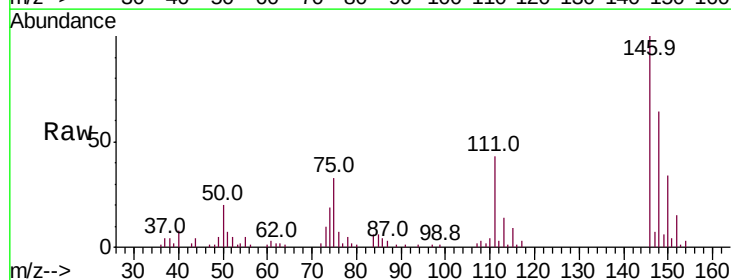
Tgt Ion:146 Resp: 80730

Ion Ratio Lower Upper

146 100

148 64.2 49.3 73.9

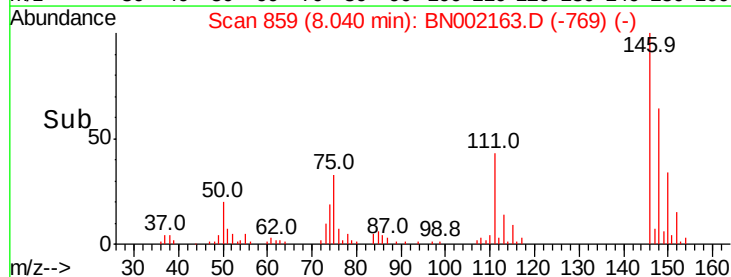
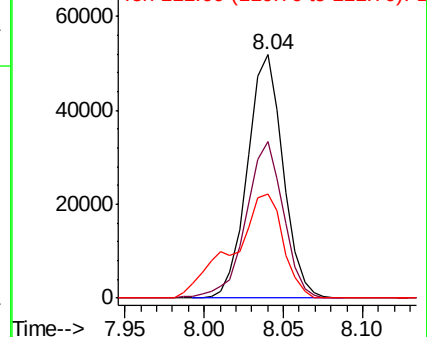
111 42.6 34.3 51.5

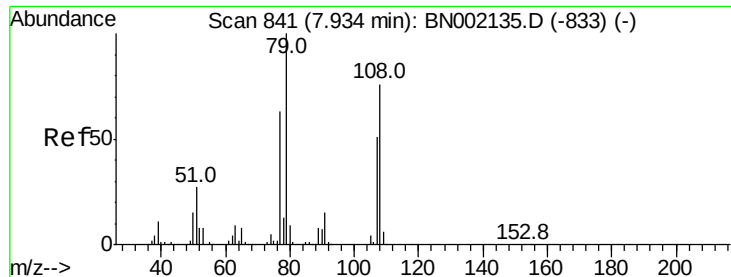


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.469 ng

RT: 7.93 min Scan# 840

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

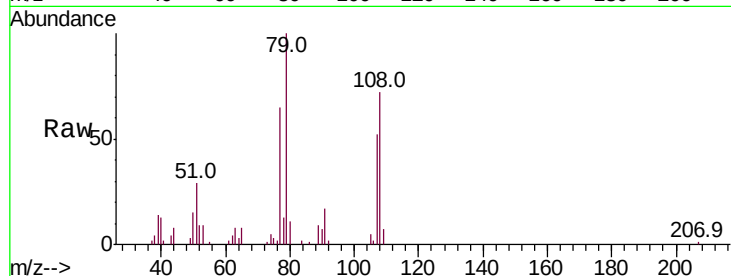
Tot Ion: 79 Resp: 50815

Ion Ratio Lower Upper

79 100

108 72.1 57.2 85.8

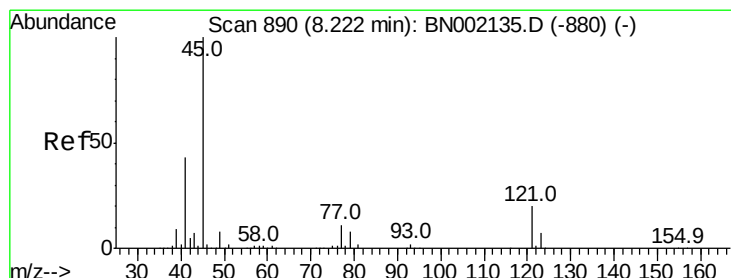
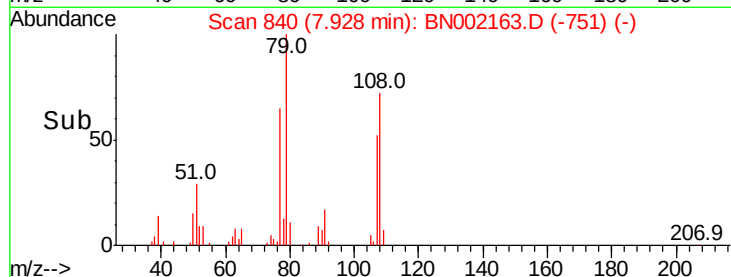
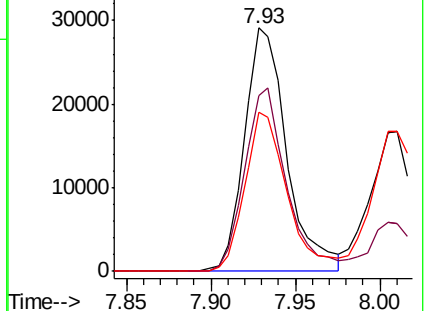
77 65.4 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BN002135.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BN002135.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BN002135.D (-833) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.547 ng

RT: 8.22 min Scan# 890

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

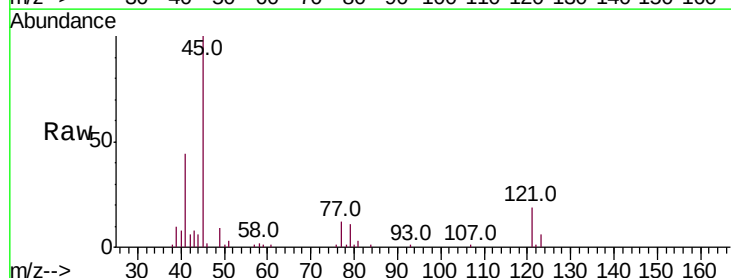
Tgt Ion: 45 Resp: 118902

Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.2

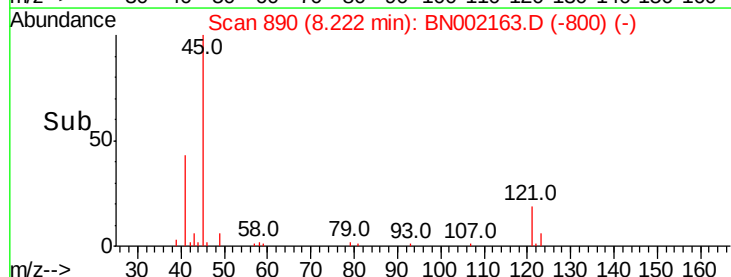
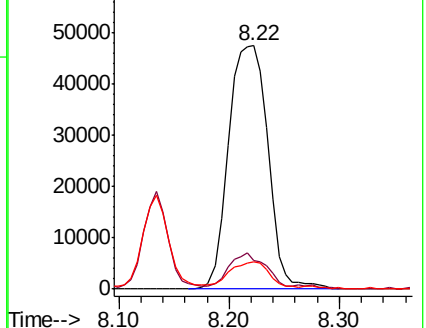
79 11.1 0.0 27.9

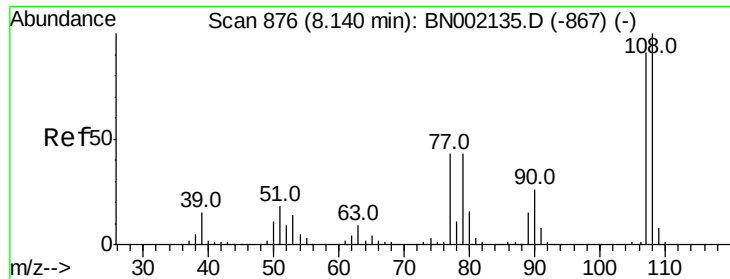


Abundance Ion 45.00 (44.70 to 45.70): BN002135.D (-880) (-)

Ion 77.00 (76.70 to 77.70): BN002135.D (-880) (-)

Ion 79.00 (78.70 to 79.70): BN002135.D (-880) (-)

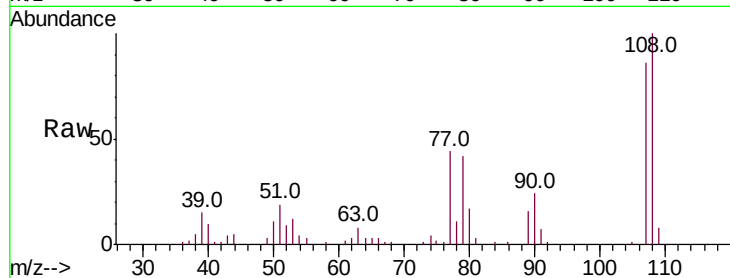




#17  
2-Methylphenol  
Concen: 4.513 ng  
RT: 8.13 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Instrument :  
BNA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 61309 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 115.6 | 83.9  | 125.9 |
| 77       | 51.2  | 37.2  | 55.8  |
| 79       | 48.8  | 36.2  | 54.2  |



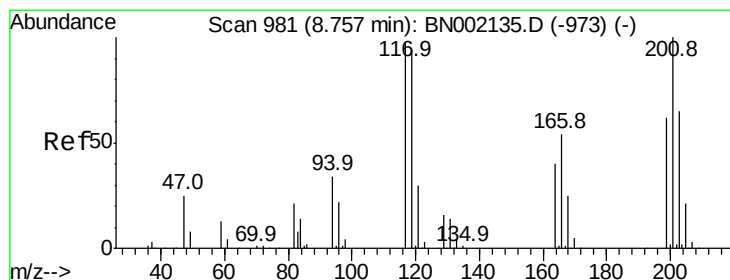
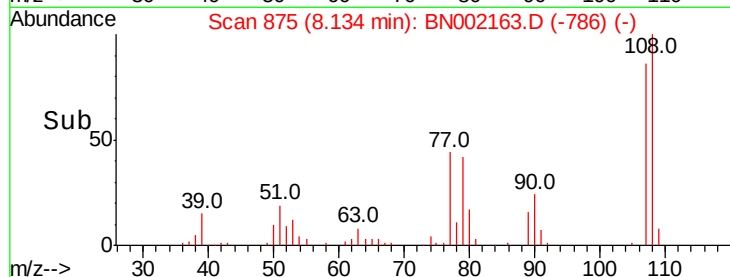
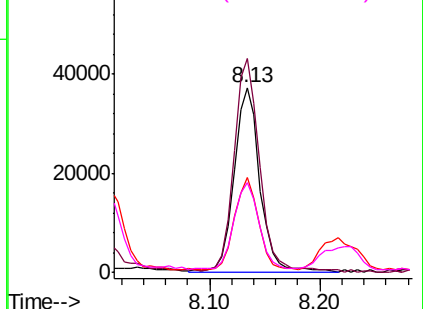
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

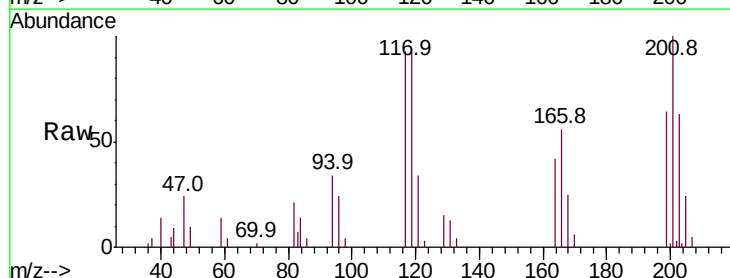
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18  
Hexachloroethane  
Concen: 4.498 ng  
RT: 8.76 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 30791 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.5  | 76.7  | 115.1 |
| 201      | 107.2 | 95.7  | 143.5 |

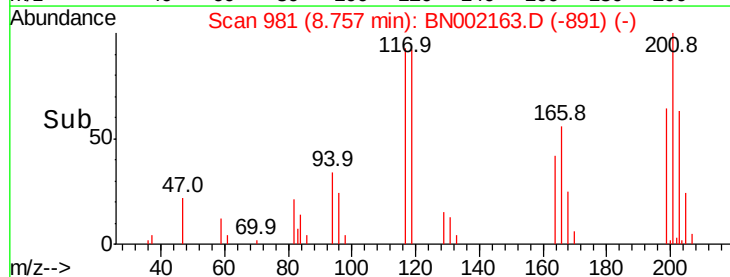
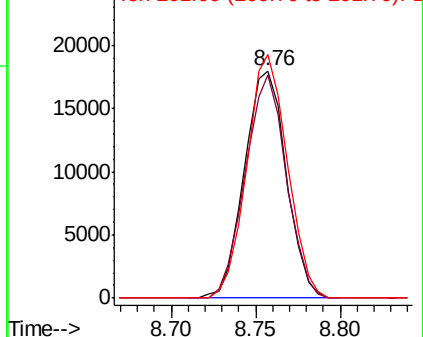


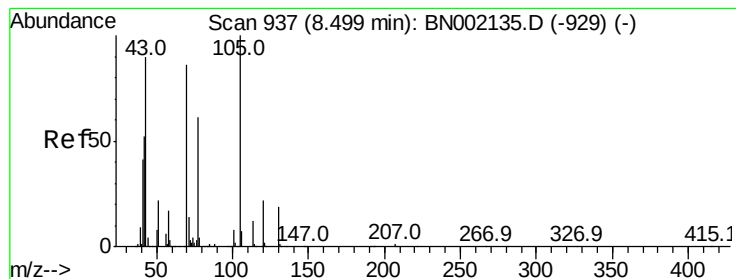
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 4.039 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BN002163.D

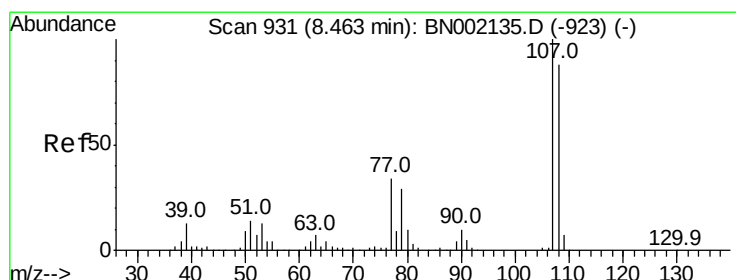
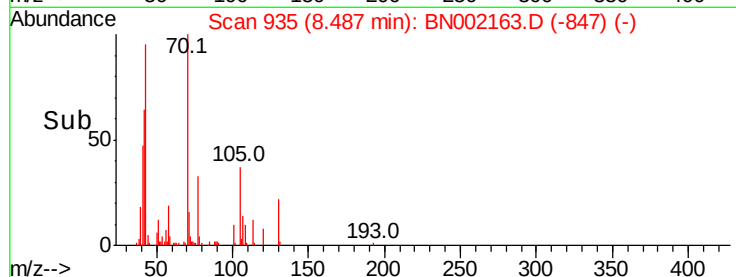
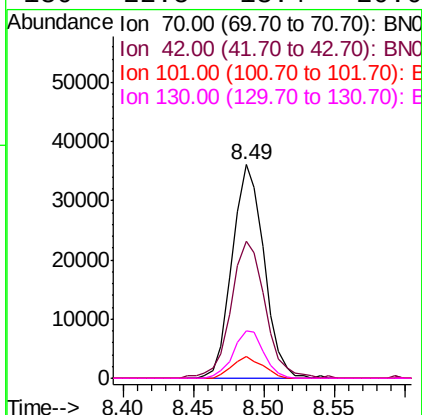
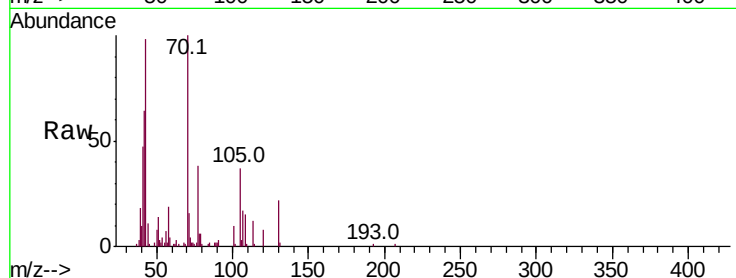
Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 56871 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 63.9  | 49.1  | 73.7  |
| 101      | 10.3  | 8.5   | 12.7  |
| 130      | 22.5  | 13.4  | 20.0# |



#20

3+4-Methylphenols

Concen: 4.192 ng

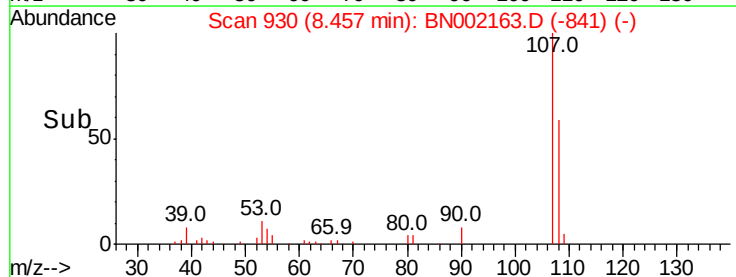
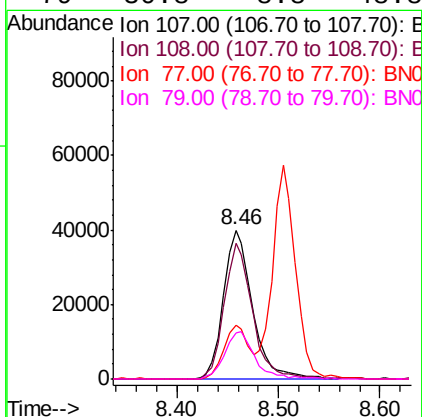
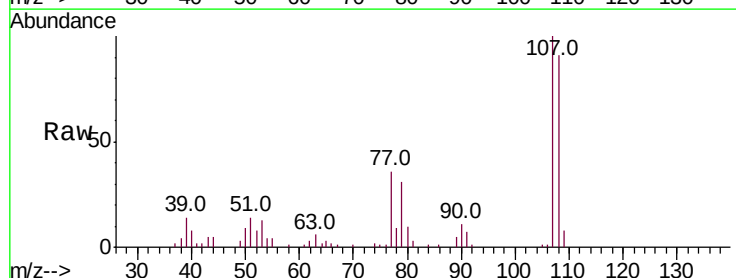
RT: 8.46 min Scan# 930

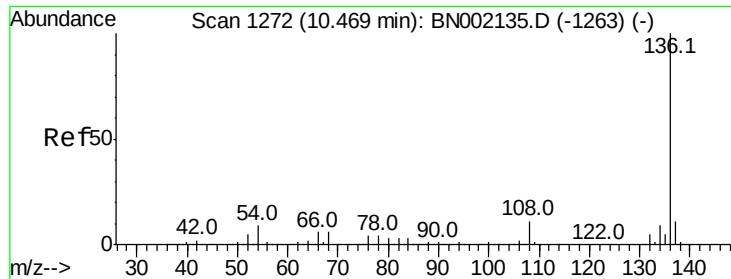
Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 79451 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 90.8  | 61.6  | 101.6 |
| 77       | 36.3  | 13.9  | 53.9  |
| 79       | 30.8  | 8.8   | 48.8  |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.46 min Scan# 1271

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

Tot Ion:136 Resp: 910303

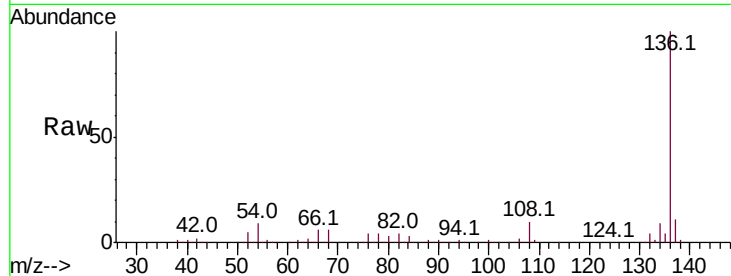
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 9.5 10.3 15.5#

68 5.7 4.5 6.7

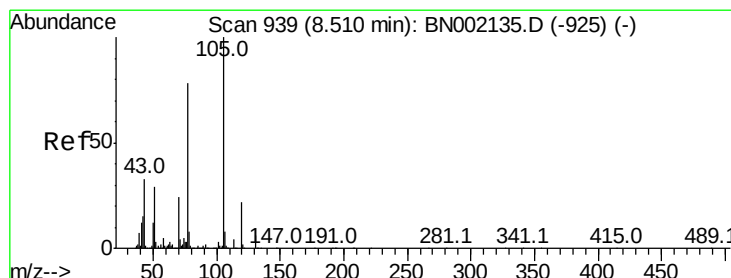
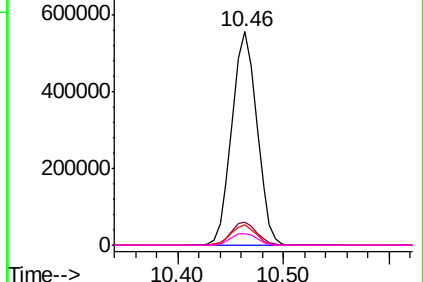
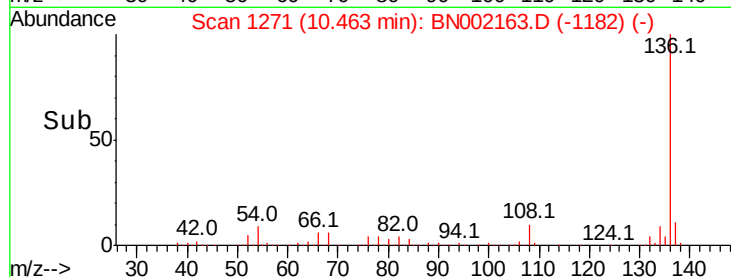


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#22

Acetophenone

Concen: 4.805 ng

RT: 8.50 min Scan# 938

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:105 Resp: 113412

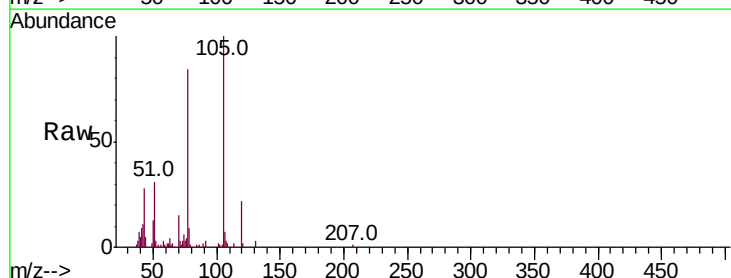
Ion Ratio Lower Upper

105 100

71 2.7 3.0 4.4#

51 30.5 26.1 39.1

120 22.1 17.4 26.2

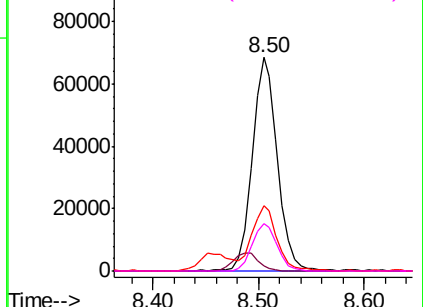
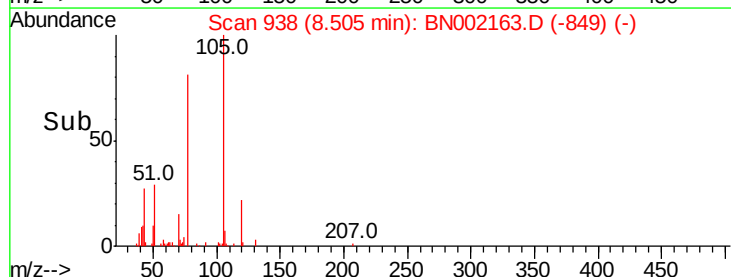


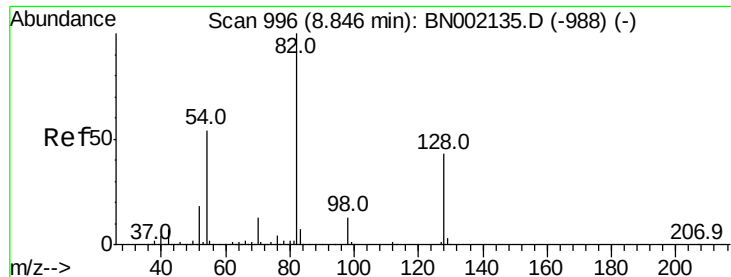
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

Ion 120.00 (119.70 to 120.70): E

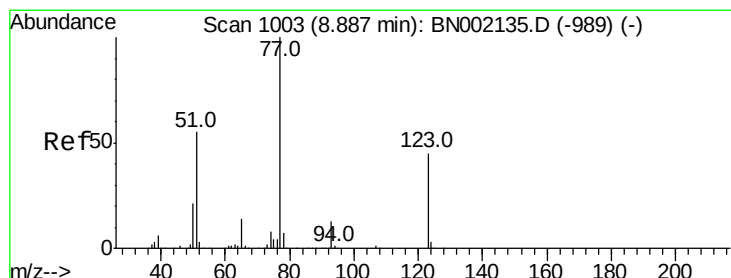
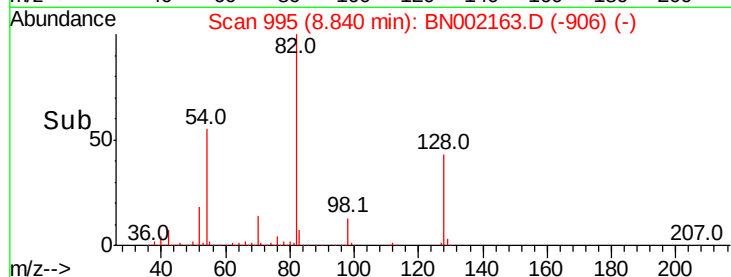
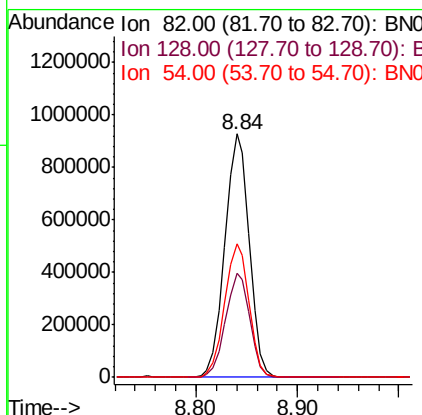
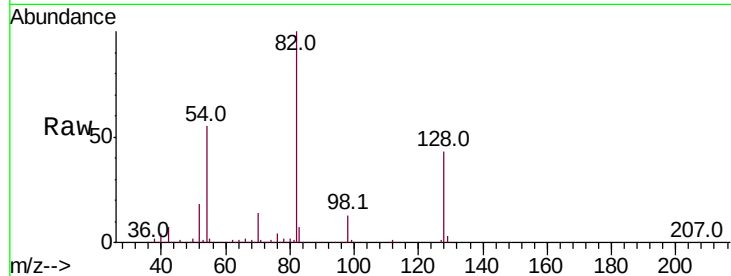




#23  
 Nitrobenzene-d5  
 Concen: 86.962 ng  
 RT: 8.84 min Scan# 995  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

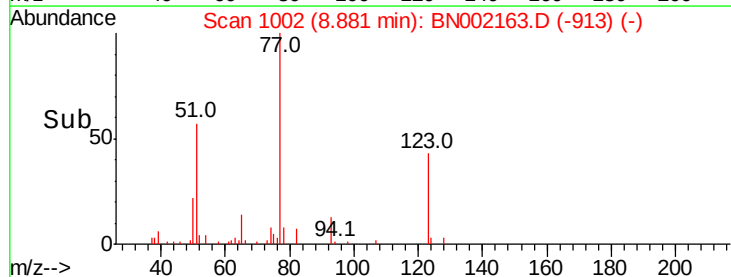
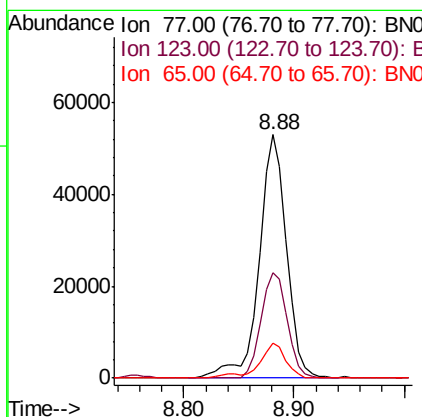
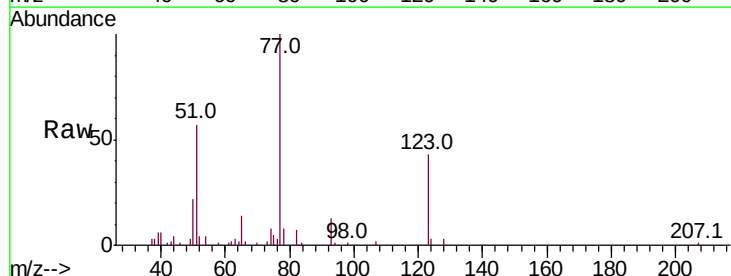
Instrument :  
 BNA\_N  
 ClientSampled :

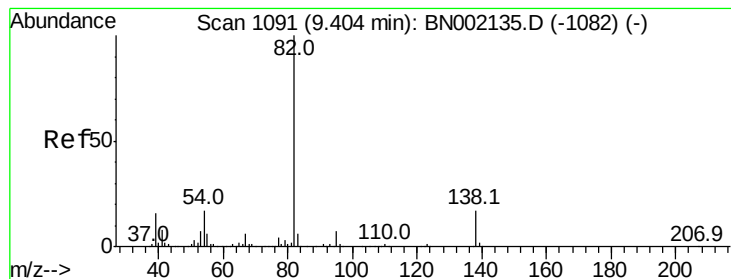
Tot Ion: 82 Resp: 1543614  
 Ion Ratio Lower Upper  
 82 100  
 128 42.9 29.7 44.5  
 54 54.7 43.1 64.7



#24  
 Nitrobenzene  
 Concen: 4.980 ng  
 RT: 8.88 min Scan# 1002  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Tgt Ion: 77 Resp: 91620  
 Ion Ratio Lower Upper  
 77 100  
 123 43.2 33.0 49.6  
 65 14.5 13.0 19.6





#25

Isophorone

Concen: 4.935 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

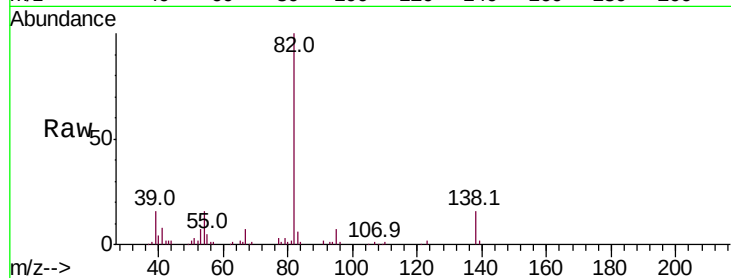
Tot Ion: 82 Resp: 150402

Ion Ratio Lower Upper

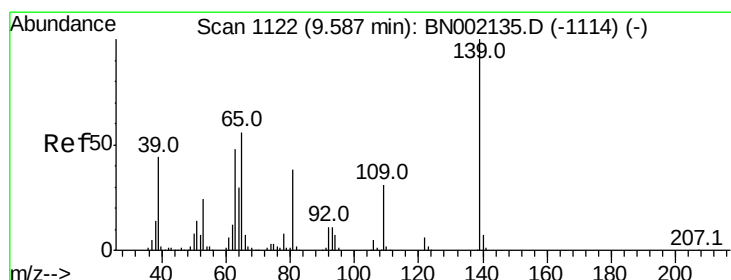
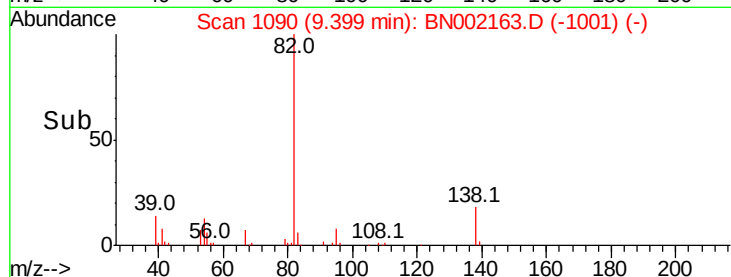
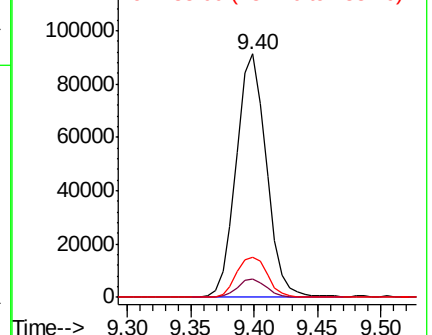
82 100

95 7.5 6.2 9.2

138 16.3 12.1 18.1



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



#26

2-Nitrophenol

Concen: 3.882 ng

RT: 9.59 min Scan# 1122

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

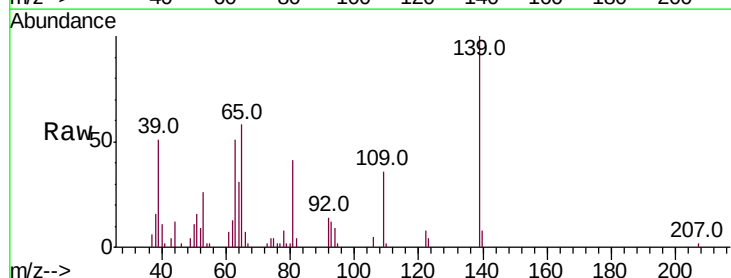
Tgt Ion: 139 Resp: 34499

Ion Ratio Lower Upper

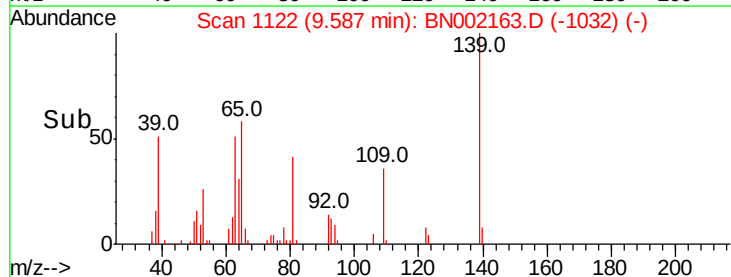
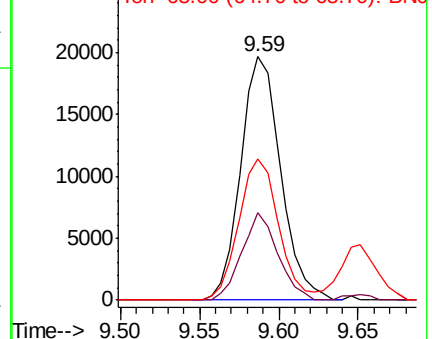
139 100

109 35.7 24.2 36.2

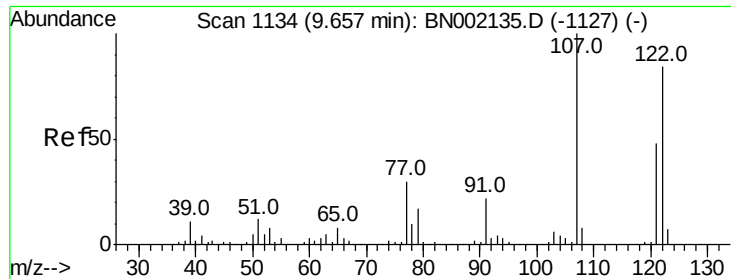
65 57.9 47.4 71.0



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



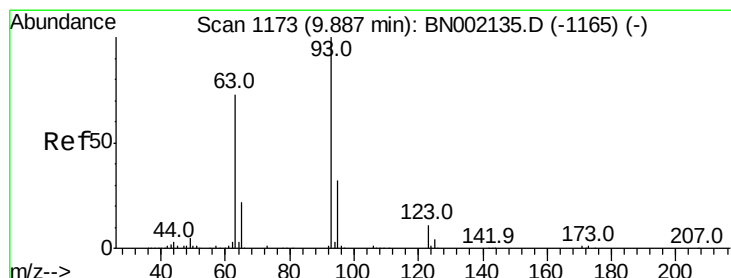
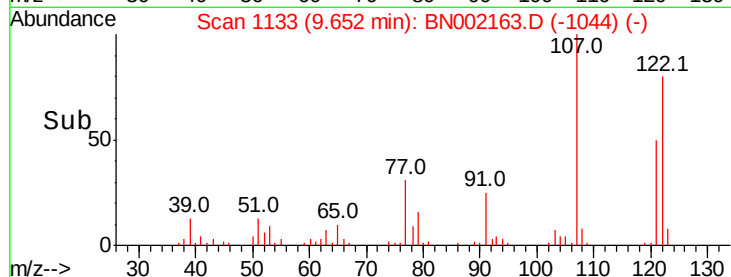
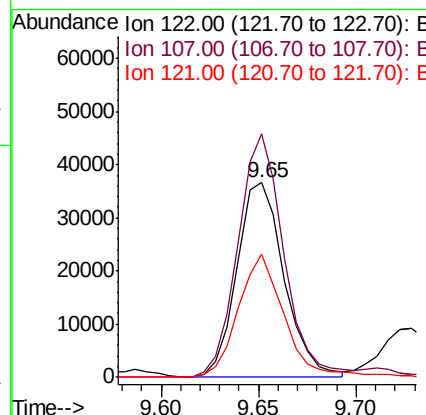
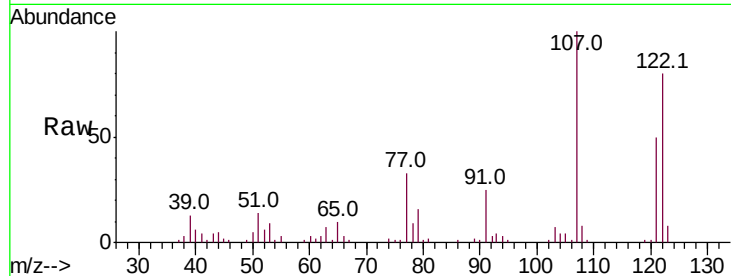




#27  
 2,4-Dimethylphenol  
 Concen: 4.999 ng  
 RT: 9.65 min Scan# 1133  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

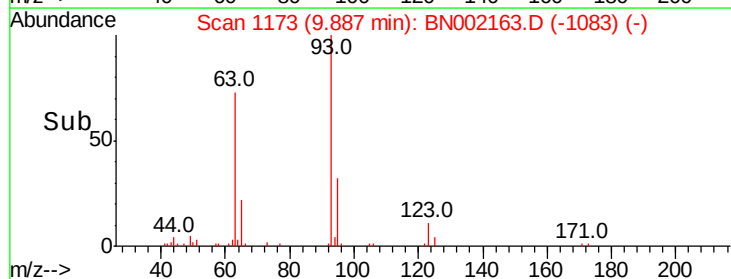
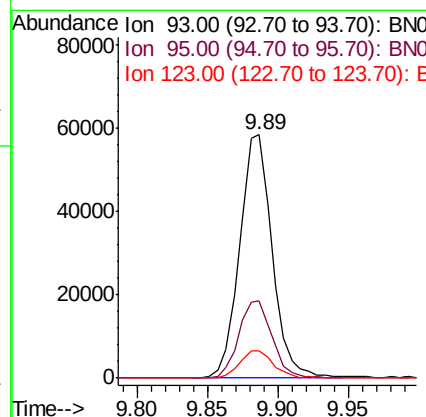
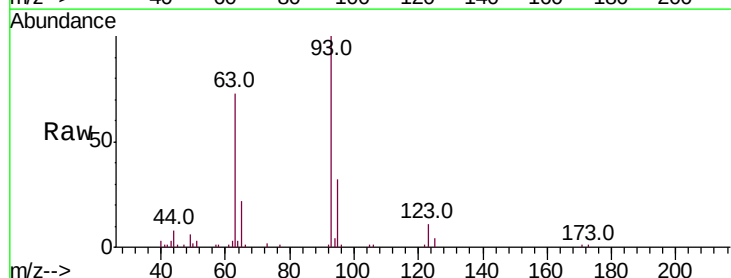
Instrument :  
 BNA\_N  
 ClientSampled :

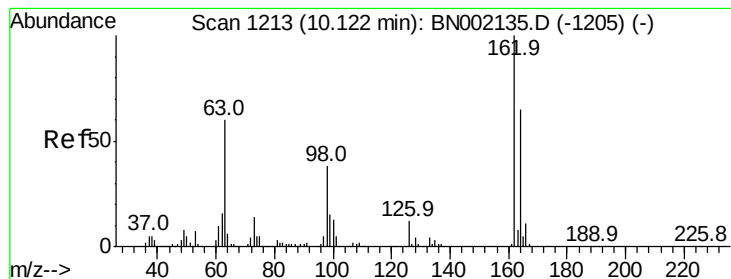
Tot Ion:122 Resp: 61788  
 Ion Ratio Lower Upper  
 122 100  
 107 125.0 100.2 150.2  
 121 63.0 44.4 66.6



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 4.773 ng  
 RT: 9.89 min Scan# 1173  
 Delta R.T. 0.00 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Tgt Ion: 93 Resp: 93967  
 Ion Ratio Lower Upper  
 93 100  
 95 31.8 24.3 36.5  
 123 11.5 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 4.370 ng

RT: 10.12 min Scan# 1213

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampled :

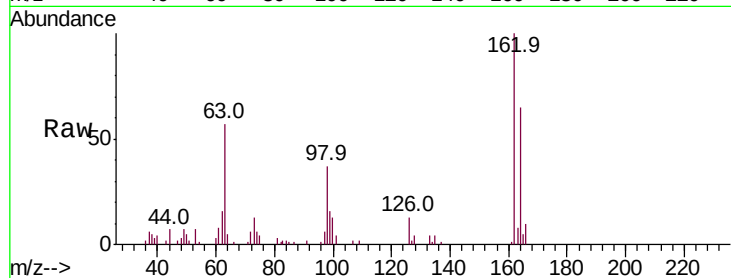
Tot Ion:162 Resp: 62984

Ion Ratio Lower Upper

162 100

164 64.7 48.0 88.0

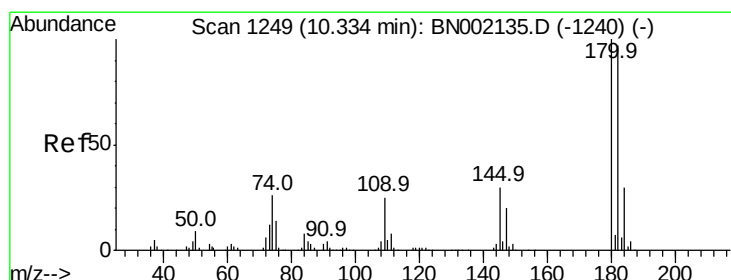
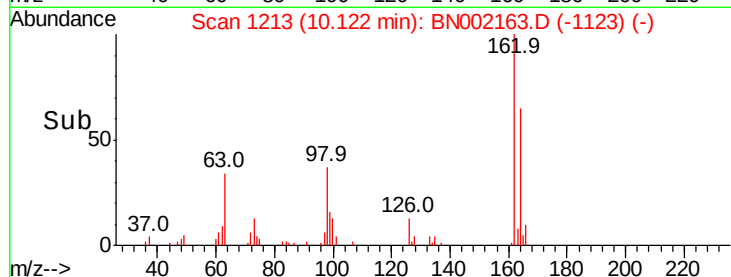
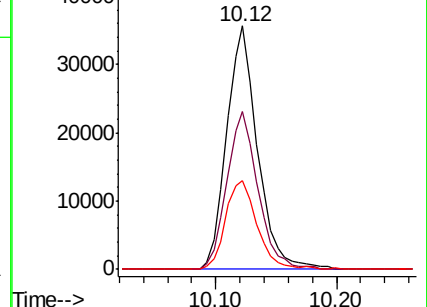
98 36.5 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BNC



#30

1,2,4-Trichlorobenzene

Concen: 4.601 ng

RT: 10.33 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

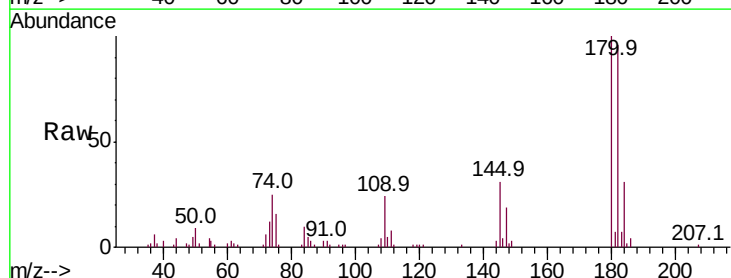
Tgt Ion:180 Resp: 75093

Ion Ratio Lower Upper

180 100

182 95.7 77.5 116.3

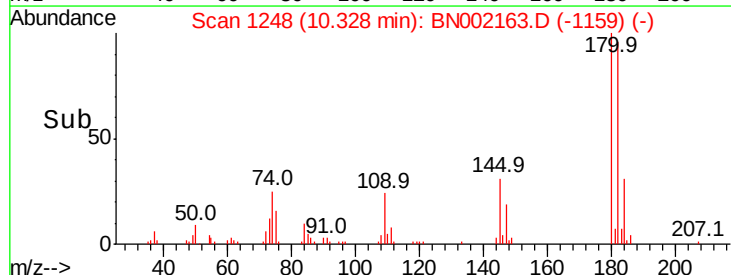
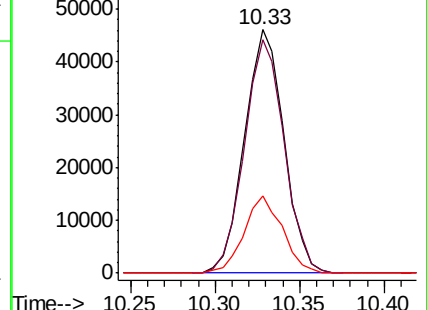
145 31.5 23.4 35.2

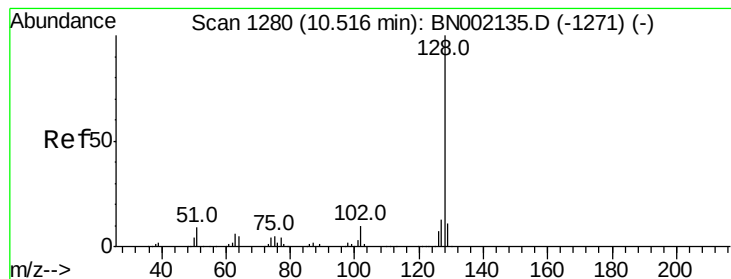


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 5.059 ng

RT: 10.51 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampled :

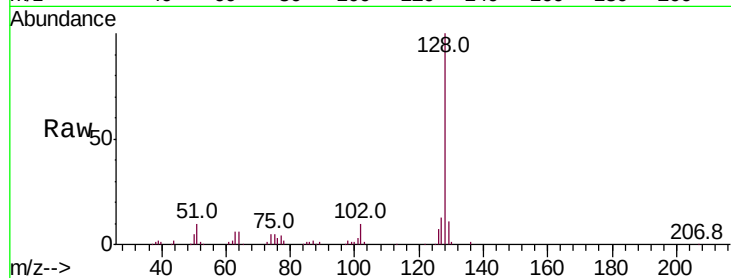
Tot Ion:128 Resp: 232428

Ion Ratio Lower Upper

128 100

129 11.5 8.6 12.8

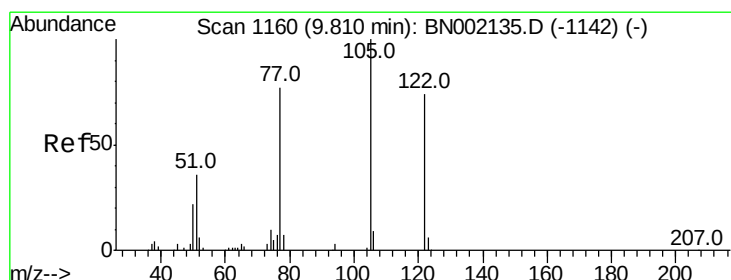
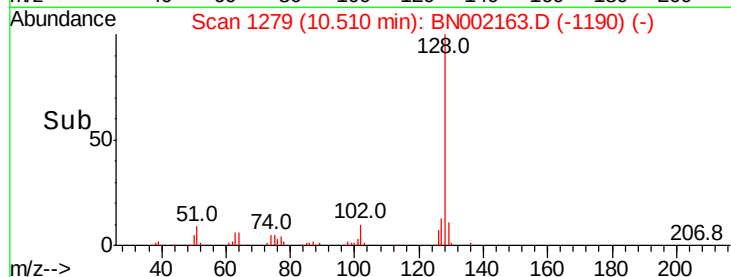
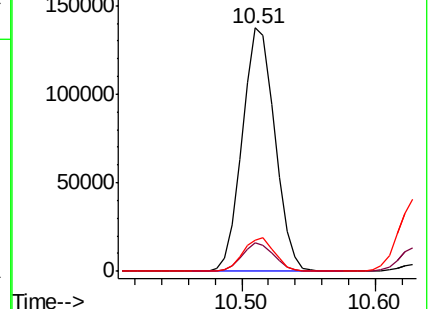
127 12.8 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 1.888 ng

RT: 9.73 min Scan# 1146

Delta R.T. -0.08 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

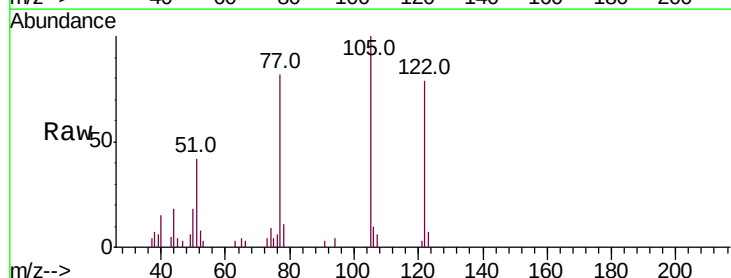
Tgt Ion:122 Resp: 19794

Ion Ratio Lower Upper

122 100

105 127.2 123.5 163.5

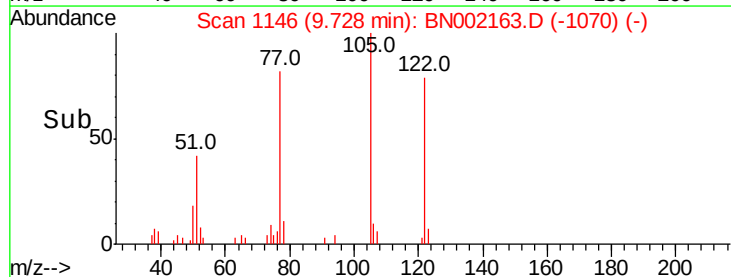
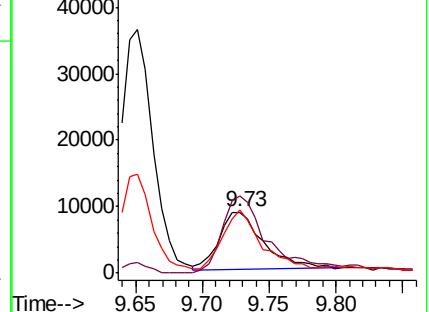
77 104.8 85.7 125.7

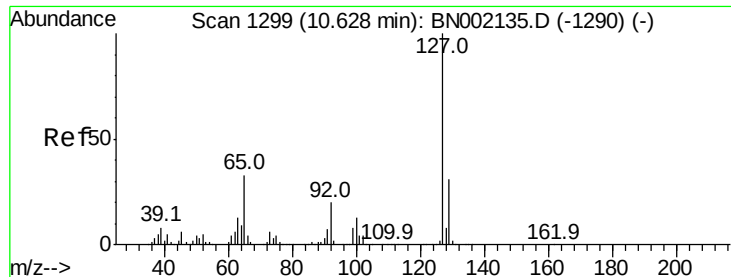


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

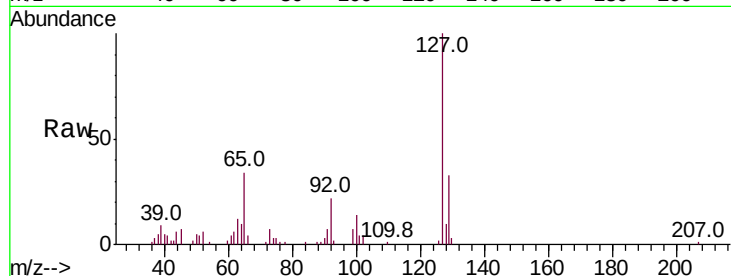




#33  
4-Chloroaniline  
Concen: 3.507 ng  
RT: 10.63 min Scan# 1299  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Instrument :  
BNA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 71684 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.2  | 24.0  | 36.0  |
| 65       | 34.1  | 27.0  | 40.4  |
| 92       | 21.8  | 16.6  | 25.0  |



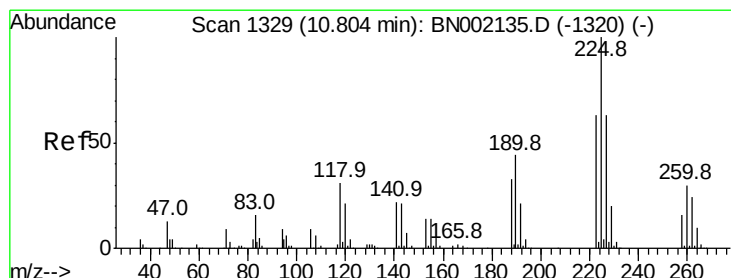
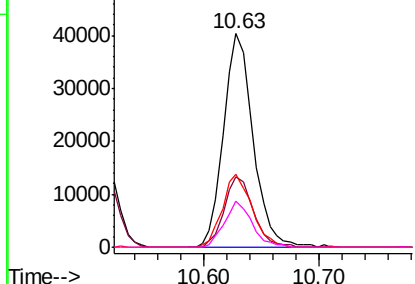
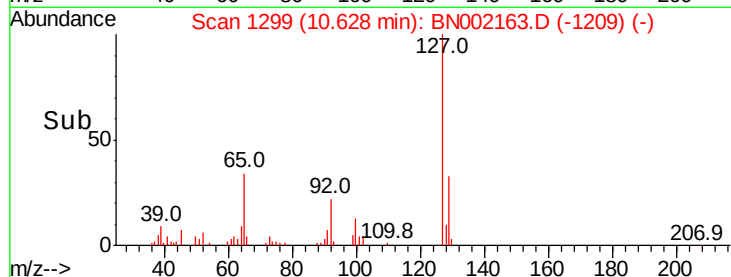
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

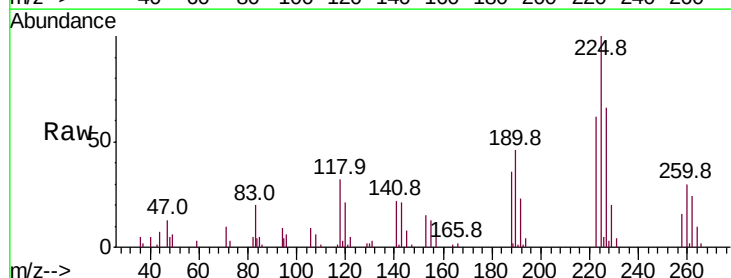
Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC



#34  
Hexachlorobutadiene  
Concen: 4.468 ng  
RT: 10.80 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 44656 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.4  | 49.7  | 74.5  |
| 227      | 66.5  | 48.1  | 72.1  |

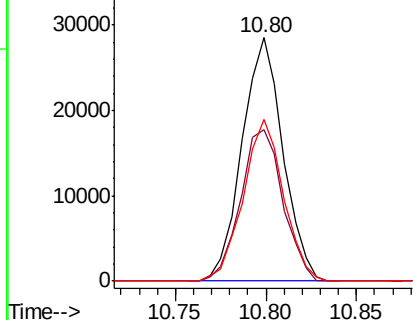
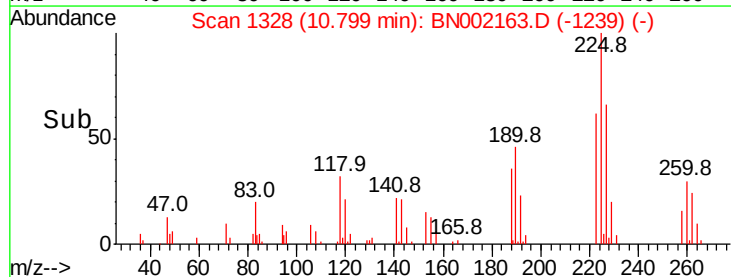


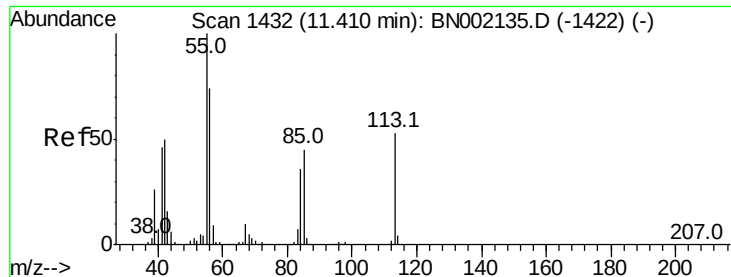
Abundance

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: 3.028 ng

RT: 11.38 min Scan# 1426

Delta R.T. -0.04 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

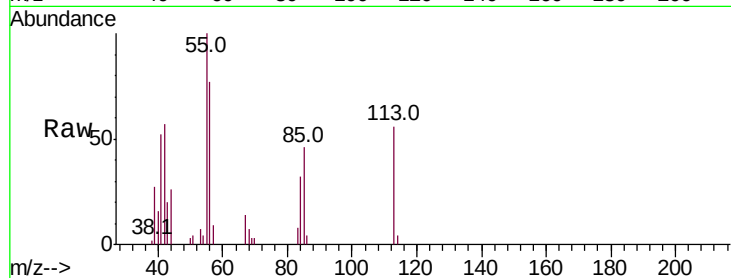
Tot Ion:113 Resp: 14895

Ion Ratio Lower Upper

113 100

55 180.1 120.0 160.0#

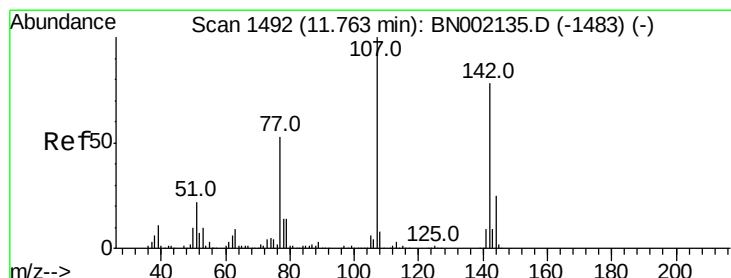
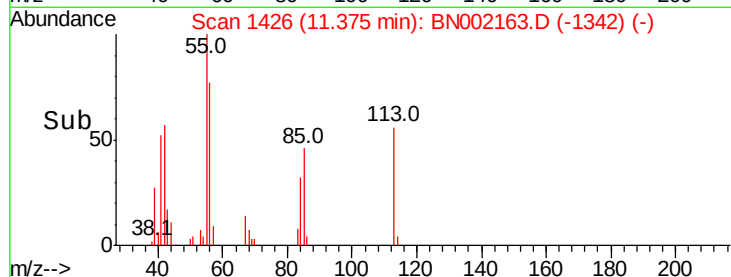
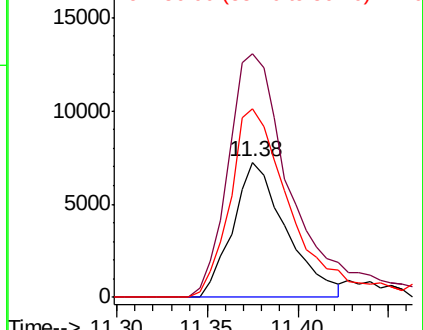
56 139.6 90.0 130.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 4.202 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

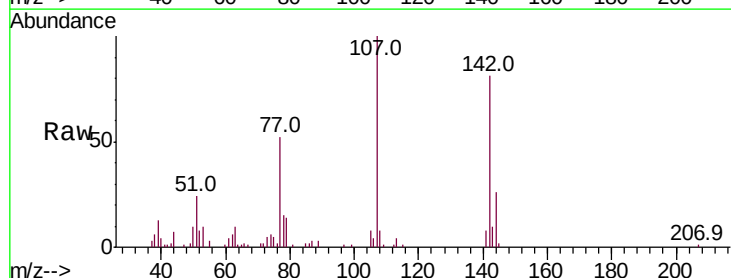
Tgt Ion:107 Resp: 68852

Ion Ratio Lower Upper

107 100

144 26.2 18.2 27.4

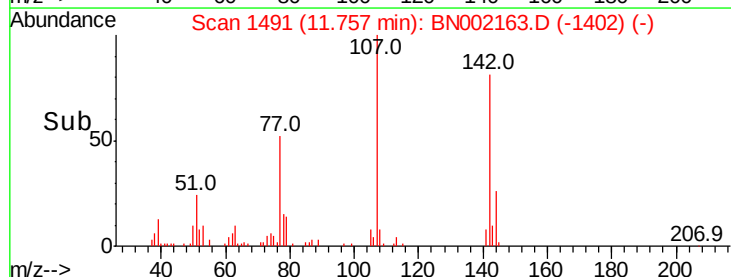
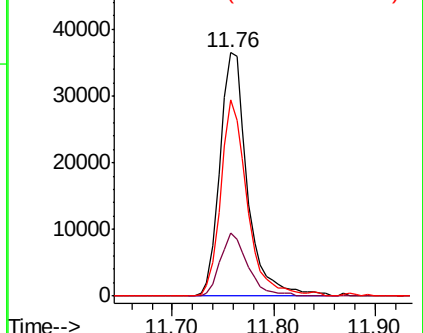
142 80.8 59.0 88.4

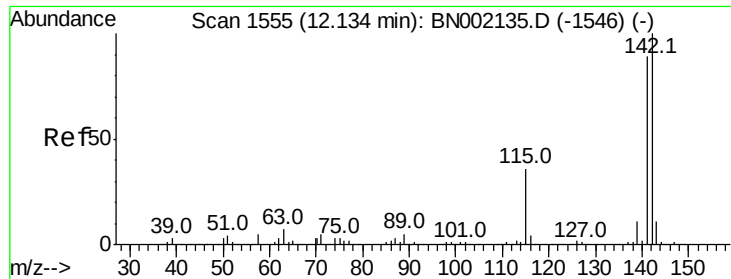


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

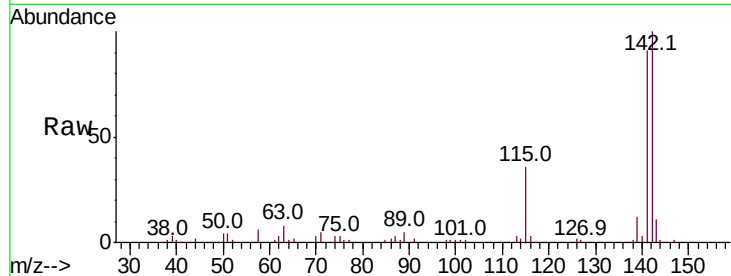




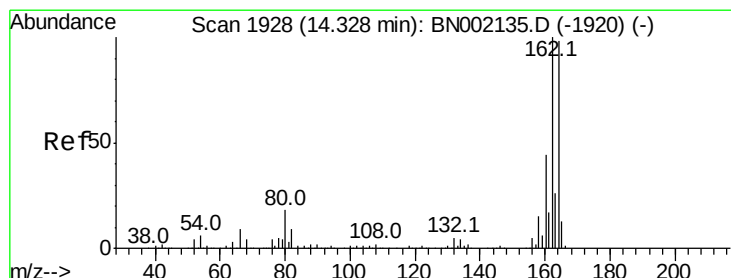
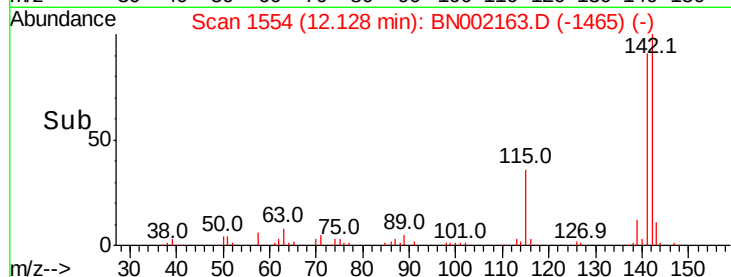
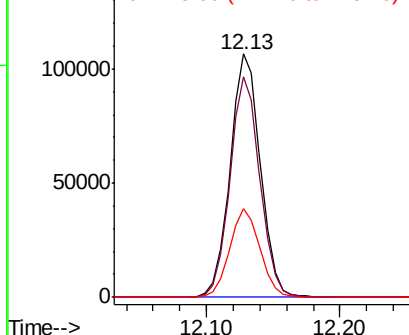
#37  
2-Methylnaphthalene  
Concen: 5.174 ng  
RT: 12.13 min Scan# 1554  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:142 Resp: 167634  
Ion Ratio Lower Upper  
142 100  
141 90.6 67.1 100.7  
115 36.3 30.7 46.1

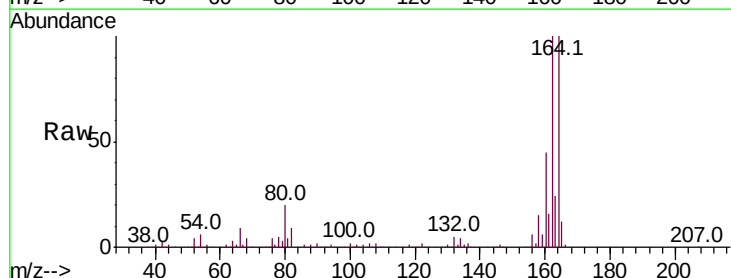


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

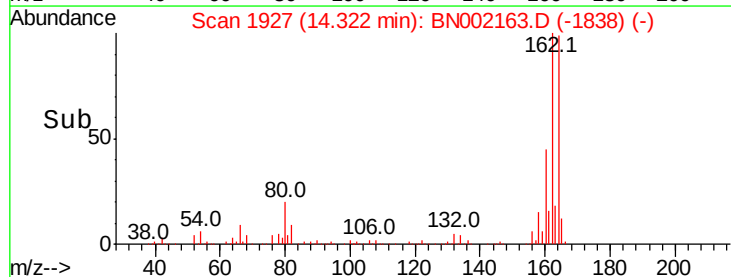
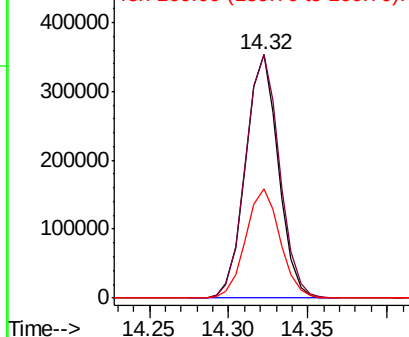


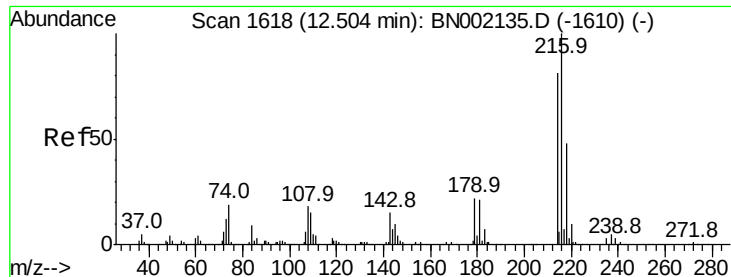
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.32 min Scan# 1927  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Tgt Ion:164 Resp: 506855  
Ion Ratio Lower Upper  
164 100  
162 100.2 78.8 118.2  
160 45.0 35.4 53.0



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

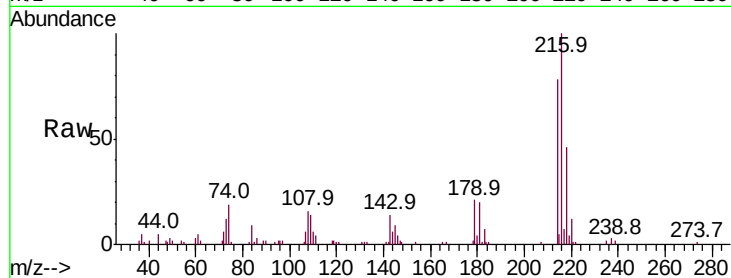




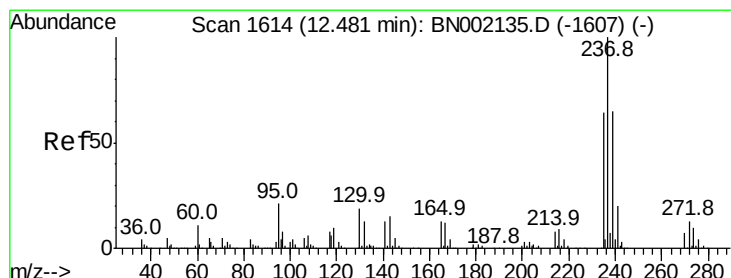
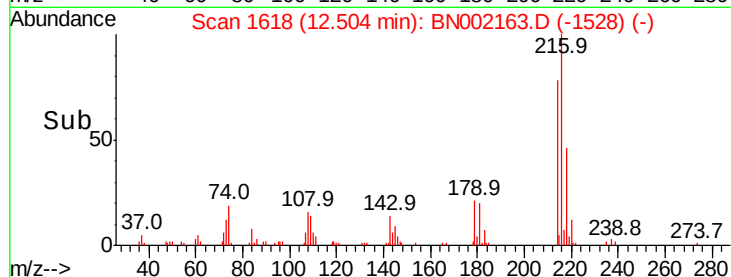
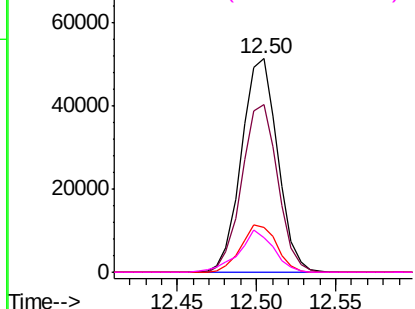
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 4.785 ng  
 RT: 12.50 min Scan# 1618  
 Delta R.T. 0.00 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Instrument :  
 BNA\_N  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 81555 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 77.8  | 63.0  | 94.4  |
| 179      | 21.8  | 17.0  | 25.6  |
| 108      | 18.9  | 12.8  | 19.2  |

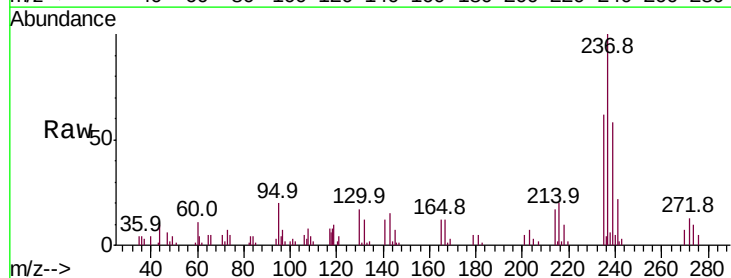


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

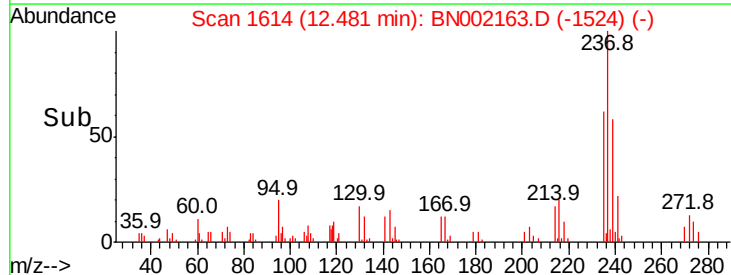
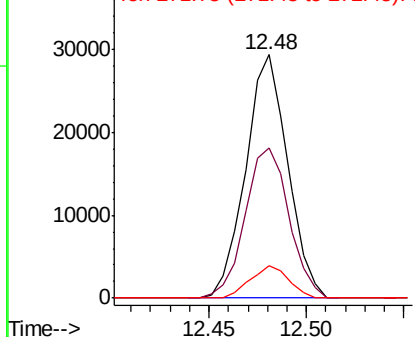


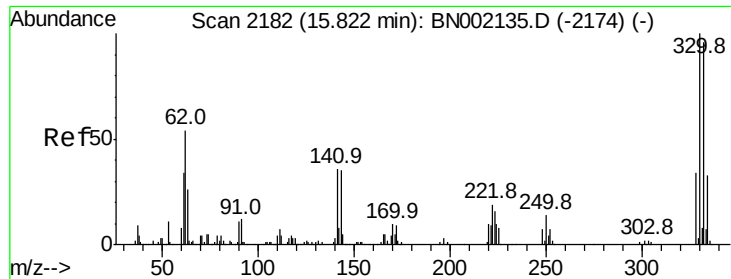
#40  
 Hexachlorocyclopentadiene  
 Concen: 4.547 ng  
 RT: 12.48 min Scan# 1614  
 Delta R.T. 0.00 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 43768 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 61.6  | 50.4  | 90.4  |
| 272      | 13.4  | 0.0   | 31.8  |



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





#41

2,4,6-Tribromophenol

Concen: 121.003 ng

RT: 15.82 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

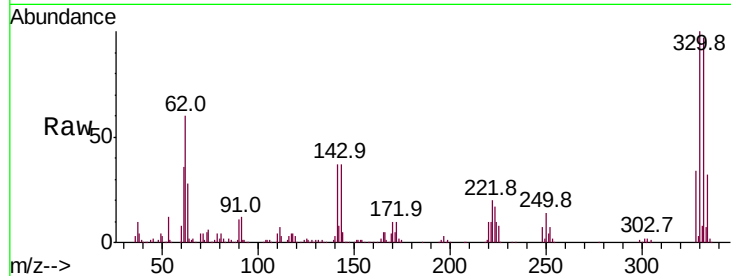
Tot Ion:330 Resp: 796409

Ion Ratio Lower Upper

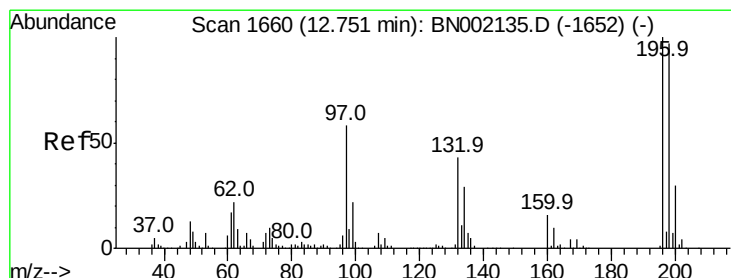
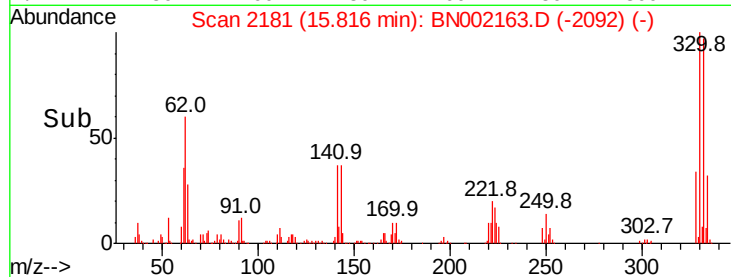
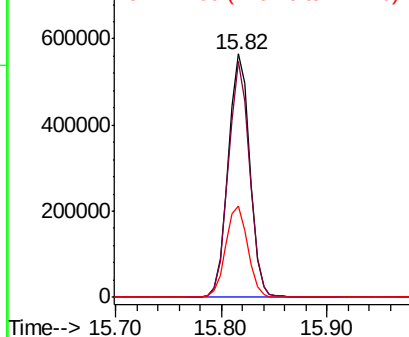
330 100

332 95.3 77.0 115.6

141 38.1 25.2 37.8#



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



#42

2,4,6-Trichlorophenol

Concen: 4.177 ng

RT: 12.75 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

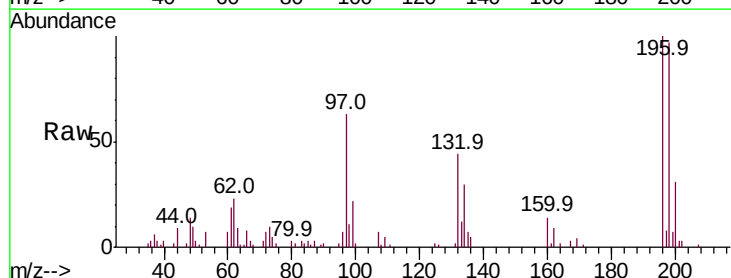
Tgt Ion:196 Resp: 47764

Ion Ratio Lower Upper

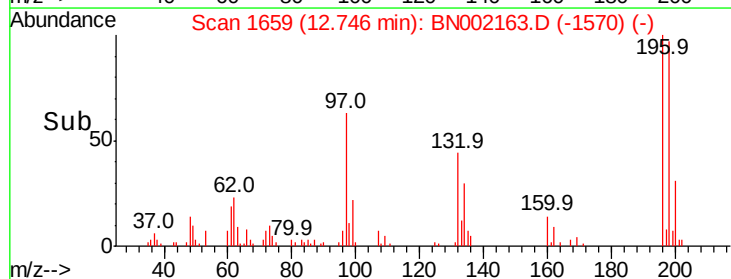
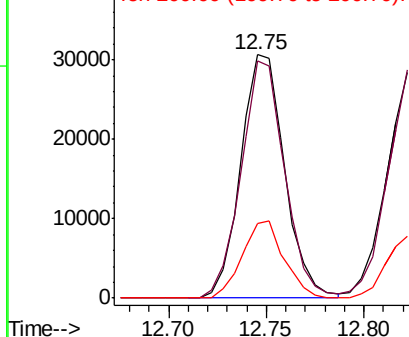
196 100

198 97.3 78.2 117.2

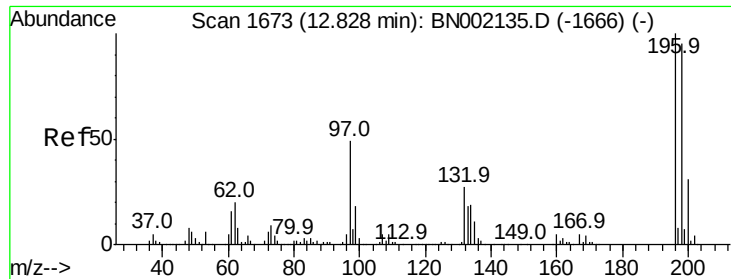
200 30.9 24.6 36.8



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E



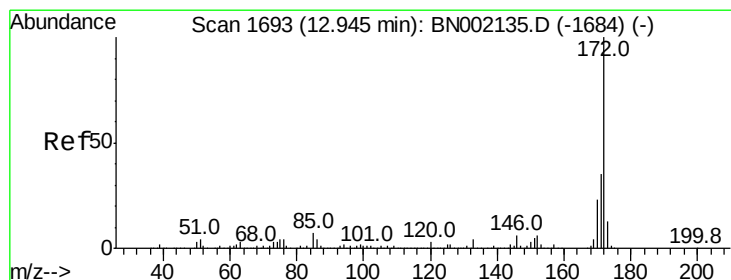
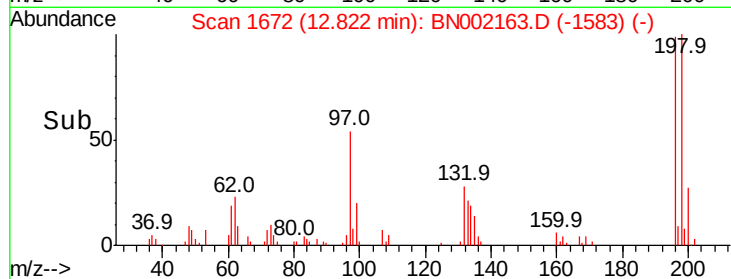
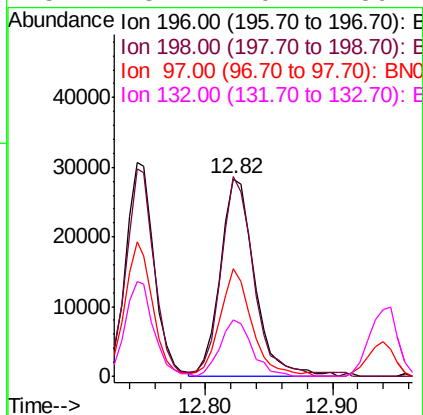
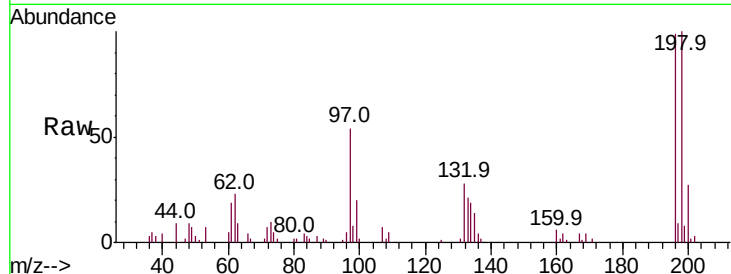




#43  
 2,4,5-Trichlorophenol  
 Concen: 4.413 ng  
 RT: 12.82 min Scan# 1672  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

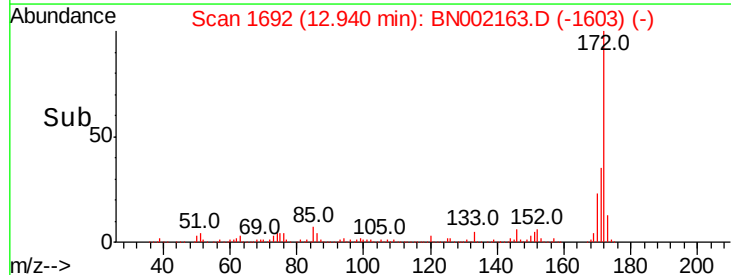
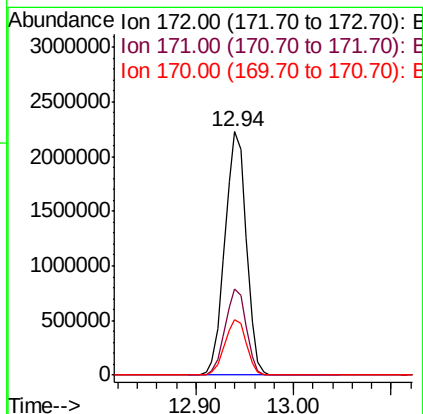
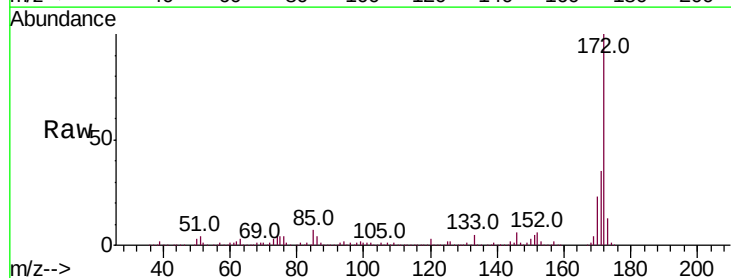
Instrument :  
 BNA\_N  
 ClientSampled :

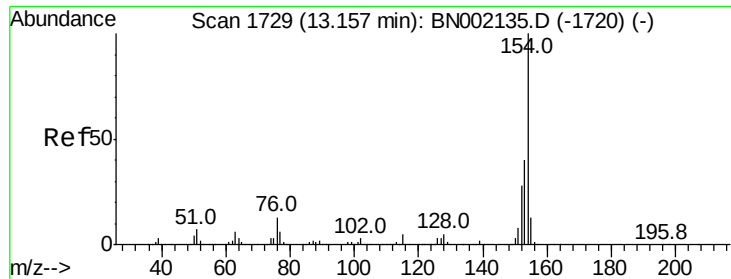
Tot Ion:196 Resp: 53448  
 Ion Ratio Lower Upper  
 196 100  
 198 101.0 76.2 114.4  
 97 54.2 38.7 58.1  
 132 28.4 20.2 30.2



#44  
 2-Fluorobiphenyl  
 Concen: 86.852 ng  
 RT: 12.94 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Tgt Ion:172 Resp: 3379733  
 Ion Ratio Lower Upper  
 172 100  
 171 35.4 30.0 45.0  
 170 23.0 19.5 29.3





#45

1,1'-Biphenyl

Concen: 4.783 ng

RT: 13.15 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

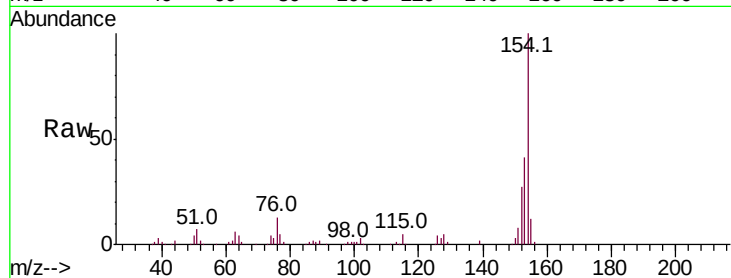
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:154 Resp: 213345

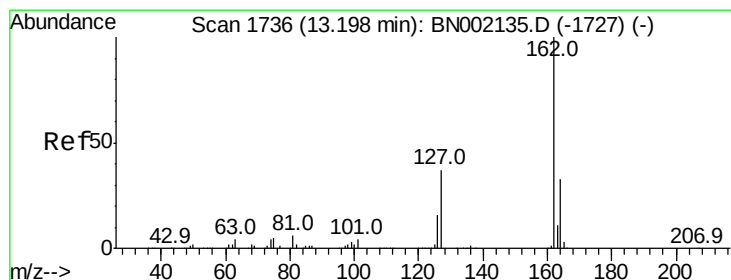
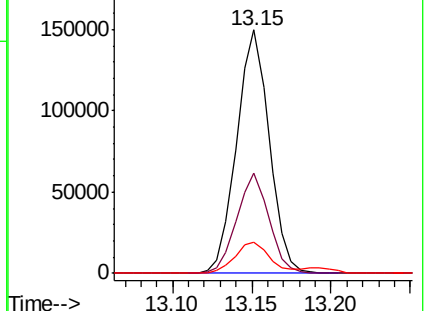
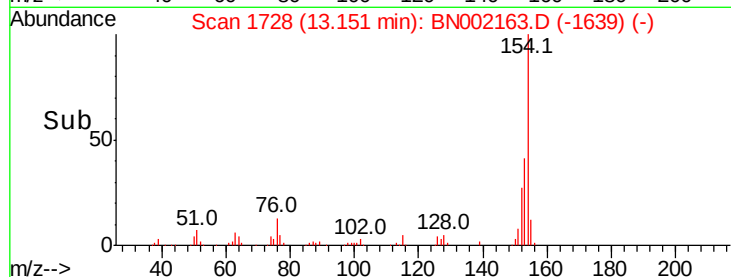
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 41.1  | 19.8  | 59.8  |
| 76  | 12.7  | 0.0   | 31.9  |



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNO



#46

2-Chloronaphthalene

Concen: 4.722 ng

RT: 13.19 min Scan# 1735

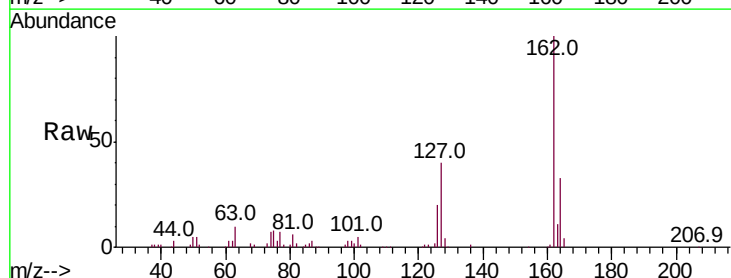
Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:162 Resp: 162552

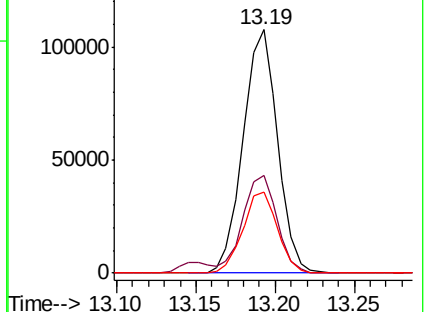
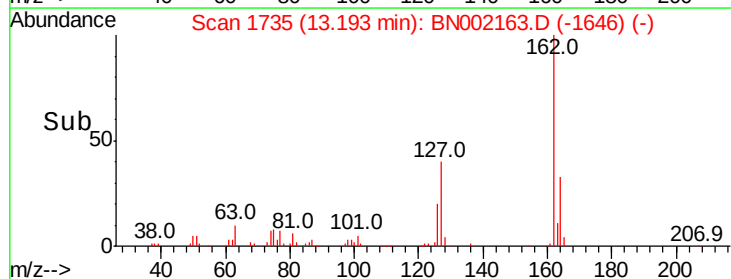
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 40.3  | 30.7  | 46.1  |
| 164 | 33.2  | 26.0  | 39.0  |

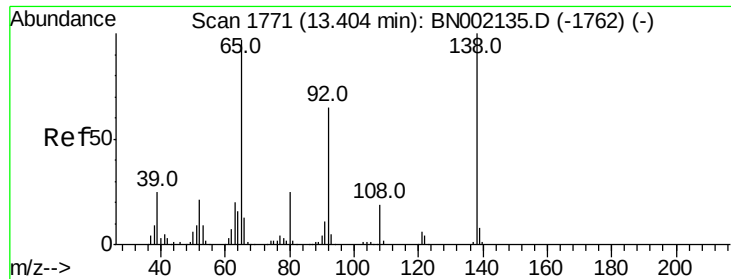


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 4.055 ng

RT: 13.40 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

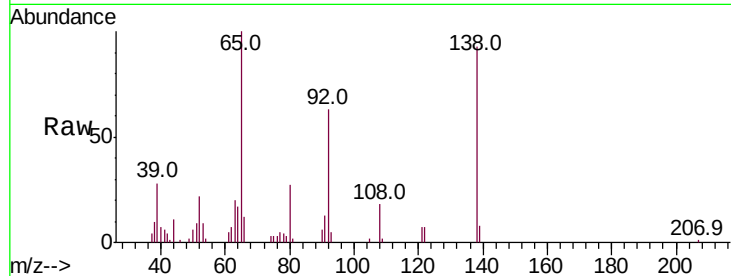
Tot Ion: 65 Resp: 44916

Ion Ratio Lower Upper

65 100

92 63.1 54.6 82.0

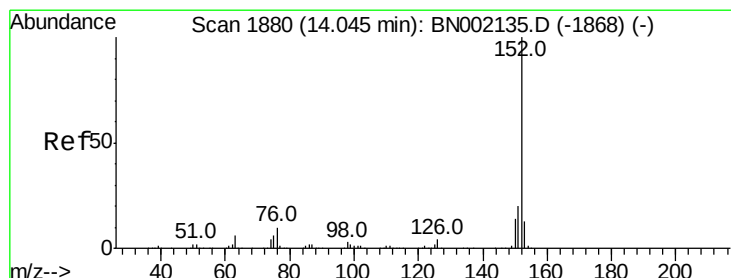
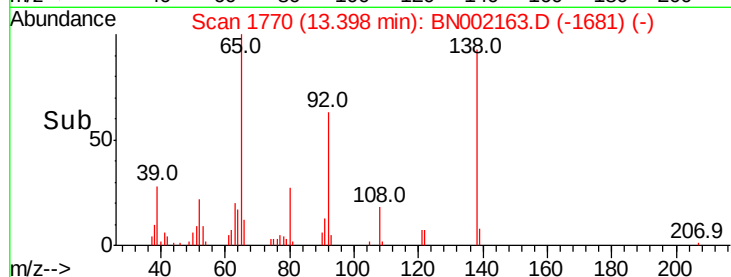
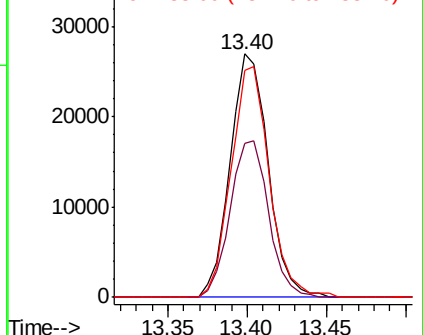
138 93.0 72.9 109.3



Abundance Ion 65.00 (64.70 to 65.70): BN002135.D (-1762) (-)

Ion 92.00 (91.70 to 92.70): BN002135.D (-1762) (-)

Ion 138.00 (137.70 to 138.70): BN002135.D (-1762) (-)



#48

Acenaphthylene

Concen: 4.970 ng

RT: 14.04 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

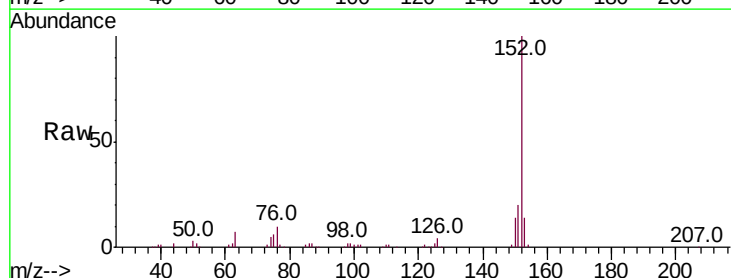
Tgt Ion: 152 Resp: 259654

Ion Ratio Lower Upper

152 100

151 20.3 17.2 25.8

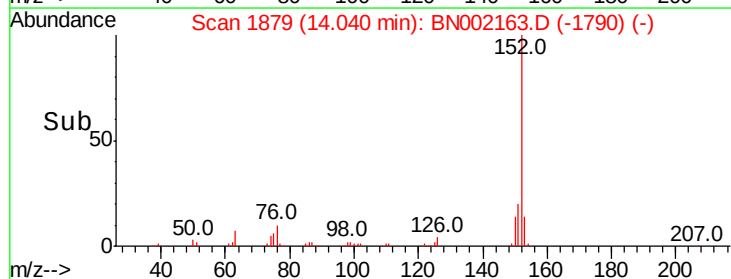
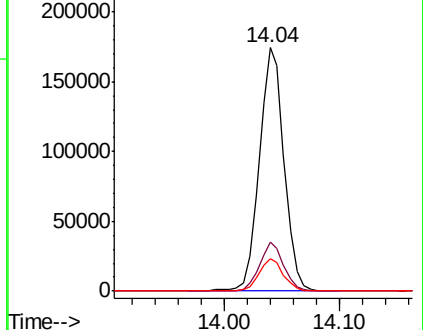
153 13.6 10.2 15.4

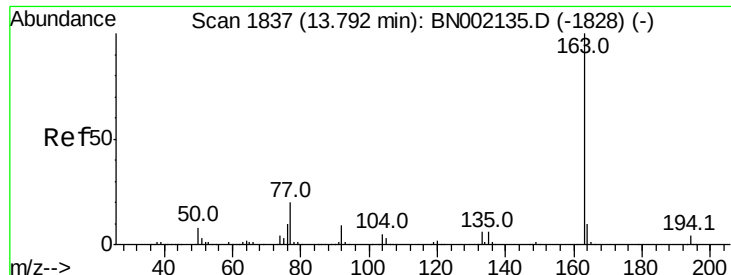


Abundance Ion 152.00 (151.70 to 152.70): BN002135.D (-1868) (-)

Ion 151.00 (150.70 to 151.70): BN002135.D (-1868) (-)

Ion 153.00 (152.70 to 153.70): BN002135.D (-1868) (-)





#49

Dimethylphthalate

Concen: 4.719 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

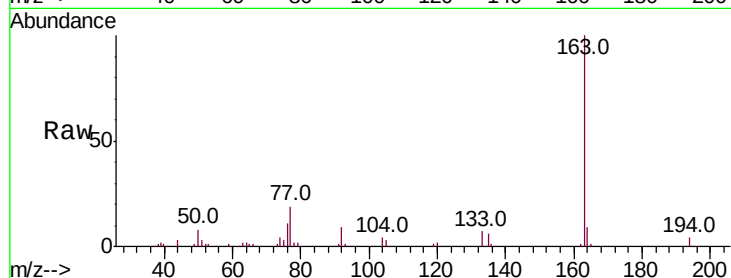
Tot Ion:163 Resp: 198665

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.2

164 9.3 8.2 12.4

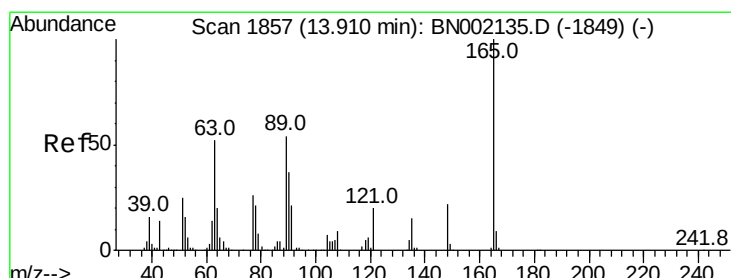
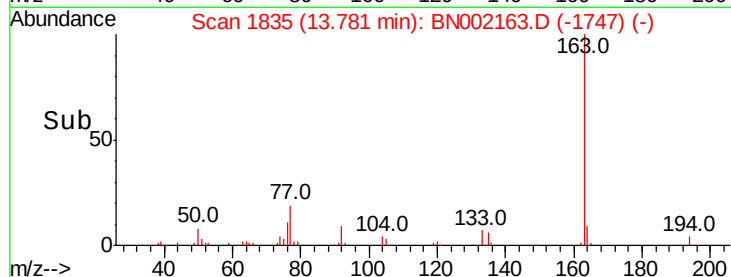
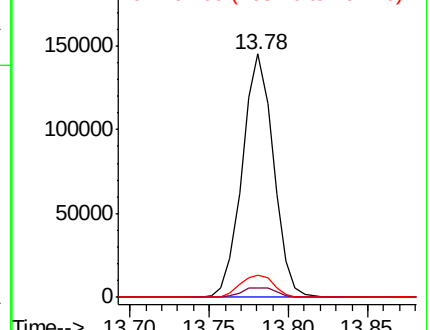


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 4.381 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

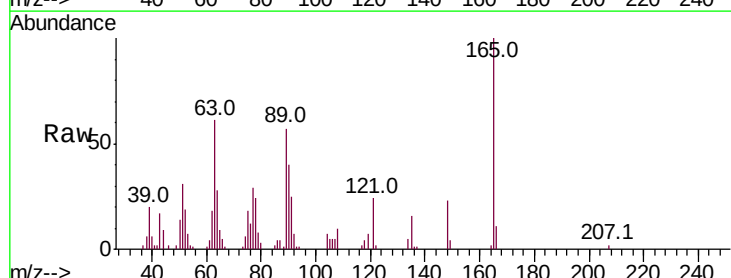
Tgt Ion:165 Resp: 40976

Ion Ratio Lower Upper

165 100

63 61.2 52.7 79.1

89 57.4 49.2 73.8

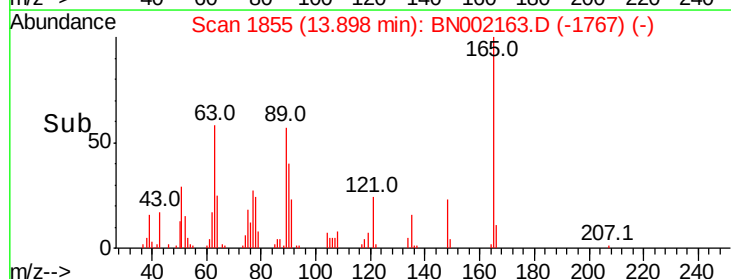
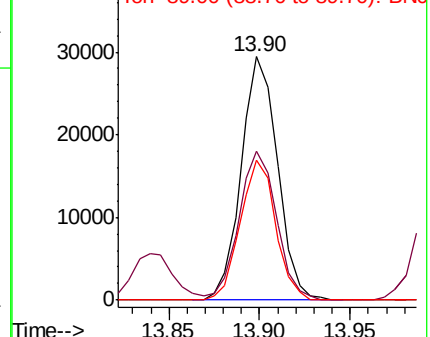


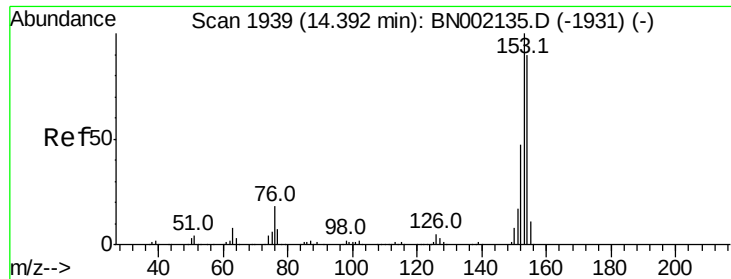
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 4.919 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

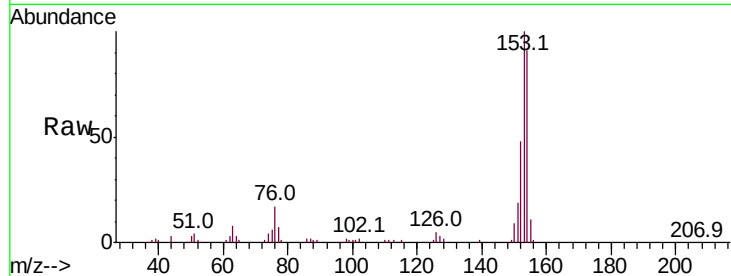
Tot Ion:154 Resp: 154785

Ion Ratio Lower Upper

154 100

153 109.6 90.4 135.6

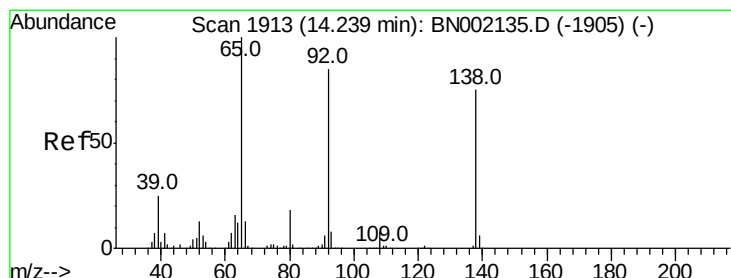
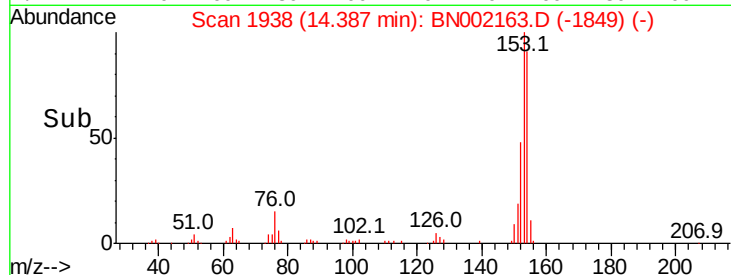
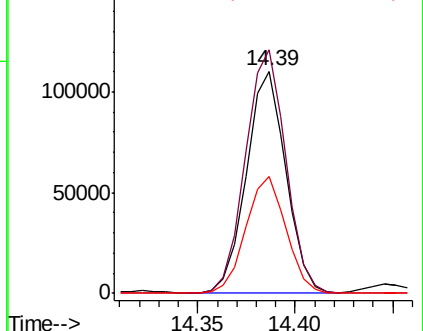
152 52.7 41.6 62.4



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



#52

3-Nitroaniline

Concen: 3.314 ng

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

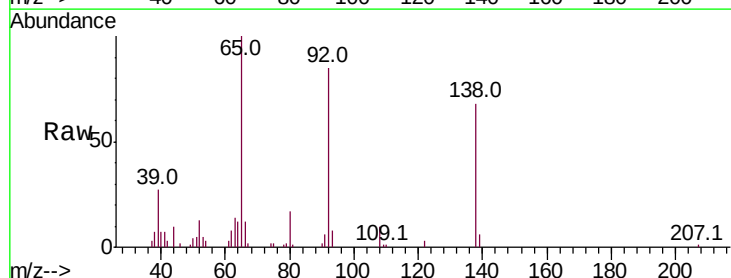
Tgt Ion:138 Resp: 33591

Ion Ratio Lower Upper

138 100

108 14.4 17.5 26.3#

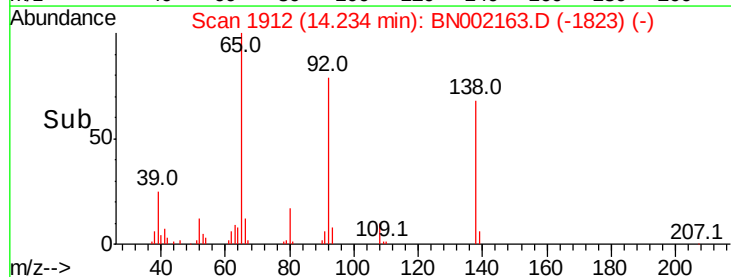
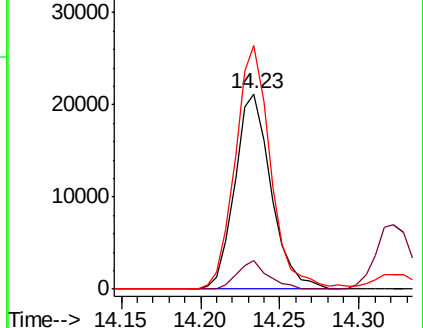
92 124.5 105.8 158.8

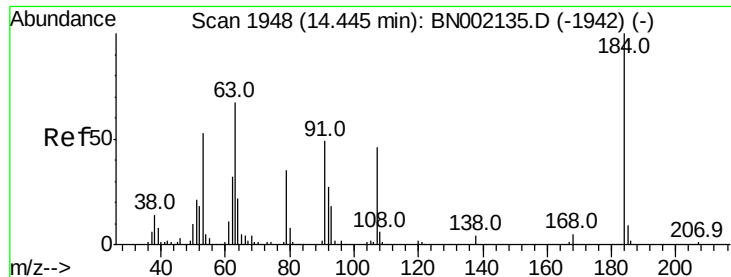


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO

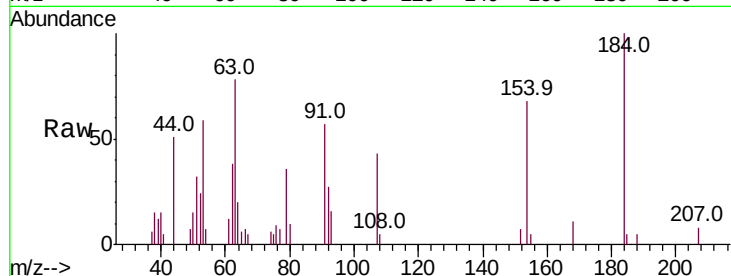




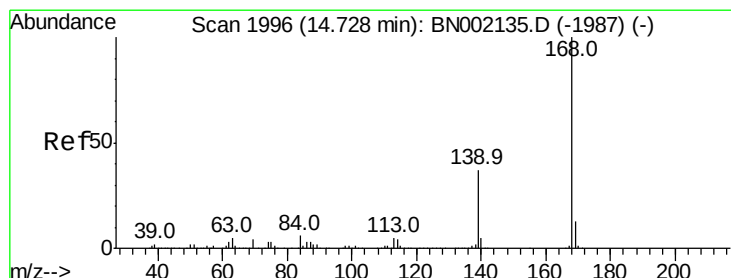
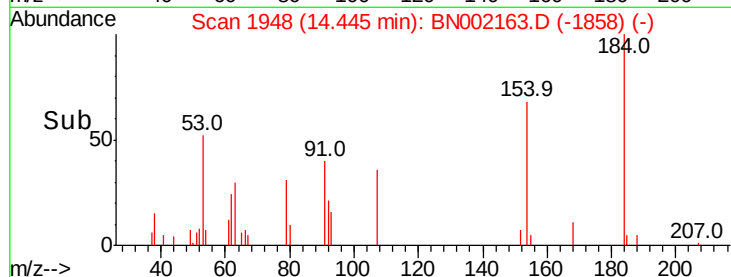
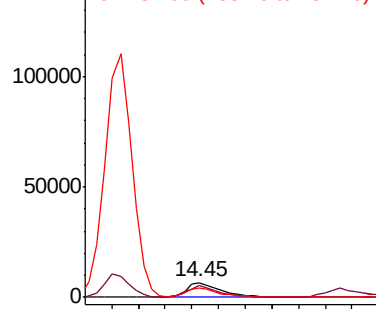
#53  
2,4-Dinitrophenol  
Concen: 2.447 ng  
RT: 14.45 min Scan# 1948  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:184 Resp: 12118  
Ion Ratio Lower Upper  
184 100  
63 77.8 56.0 84.0  
154 67.6 48.0 72.0

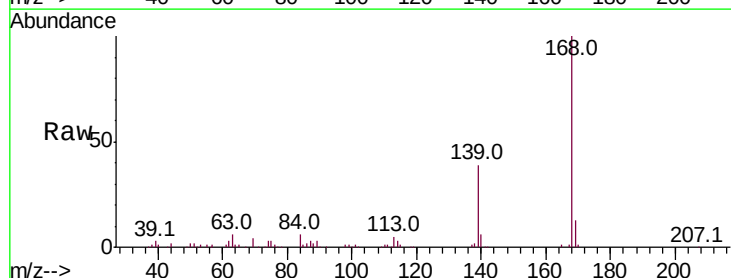


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BNO  
Ion 154.00 (153.70 to 154.70): E

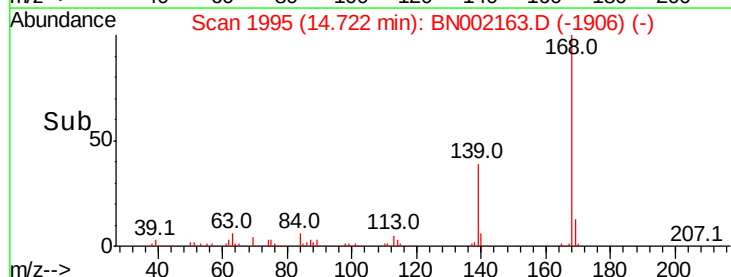
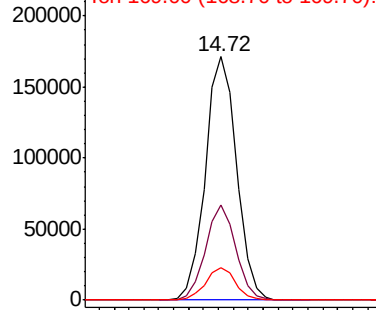


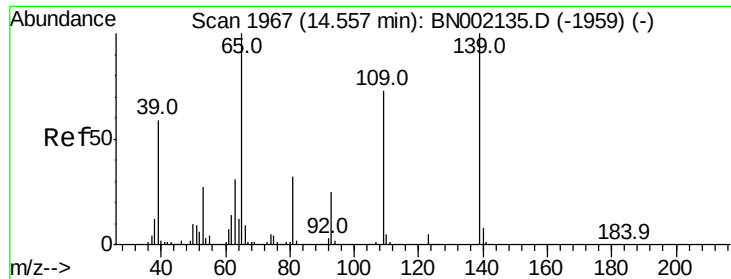
#54  
Dibenzofuran  
Concen: 4.881 ng  
RT: 14.72 min Scan# 1995  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Tgt Ion:168 Resp: 249022  
Ion Ratio Lower Upper  
168 100  
139 39.3 28.6 43.0  
169 13.3 11.2 16.8



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

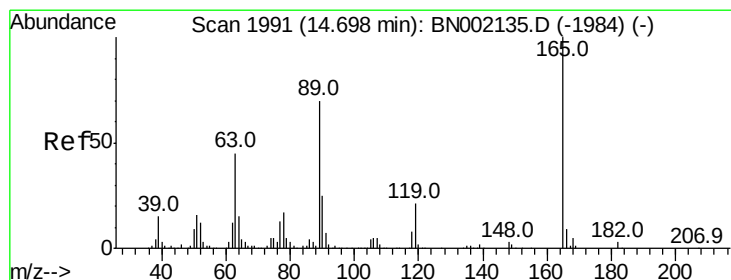
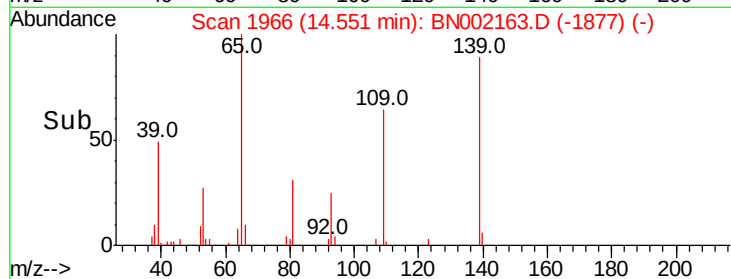
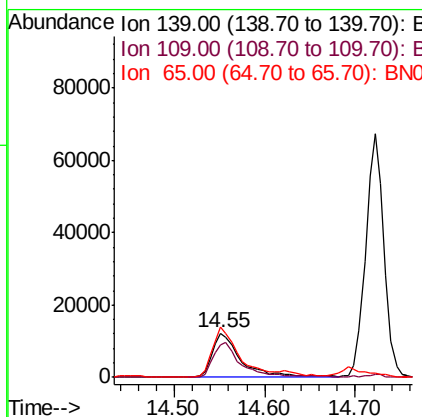
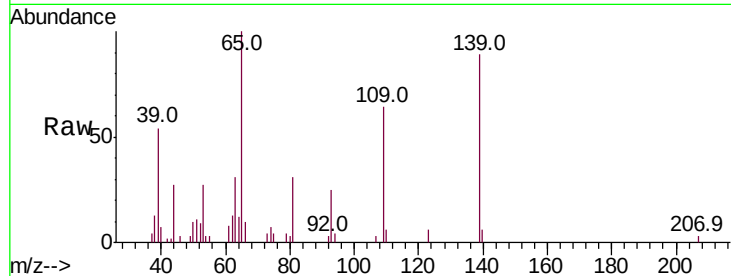




#55  
4-Nitrophenol  
Concen: 3.495 ng  
RT: 14.55 min Scan# 1966  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

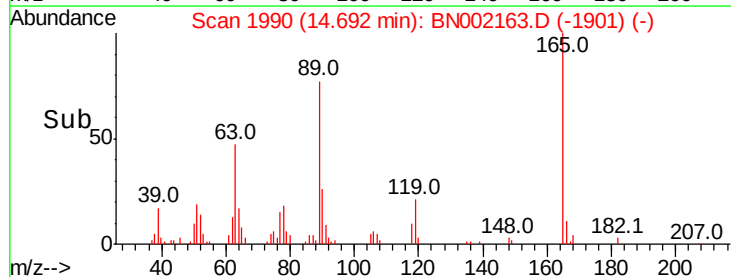
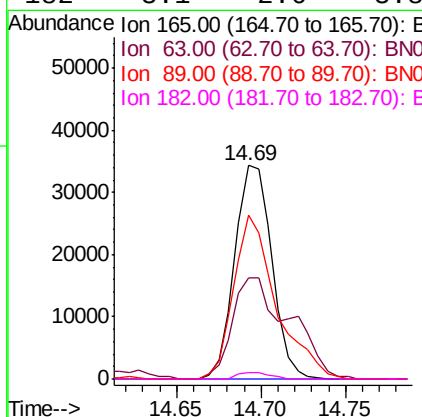
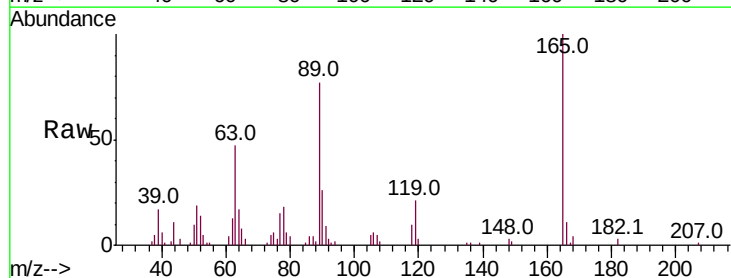
Instrument :  
BNA\_N  
ClientSampleId :

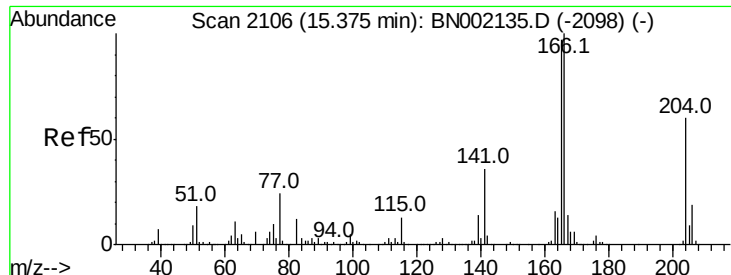
Tot Ion:139 Resp: 27194  
Ion Ratio Lower Upper  
139 100  
109 72.0 62.2 102.2  
65 111.9 97.2 137.2



#56  
2,4-Dinitrotoluene  
Concen: 4.151 ng  
RT: 14.69 min Scan# 1990  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Tgt Ion:165 Resp: 52693  
Ion Ratio Lower Upper  
165 100  
63 47.4 42.0 63.0  
89 77.0 66.9 100.3  
182 3.1 2.6 3.8

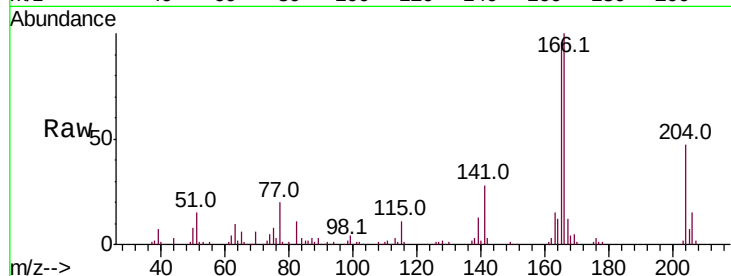




#57  
 Fluorene  
 Concen: 4.971 ng  
 RT: 15.37 min Scan# 2106  
 Delta R.T. 0.00 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 95.6  | 80.6  | 121.0 |
| 167     | 12.4  | 10.4  | 15.6  |

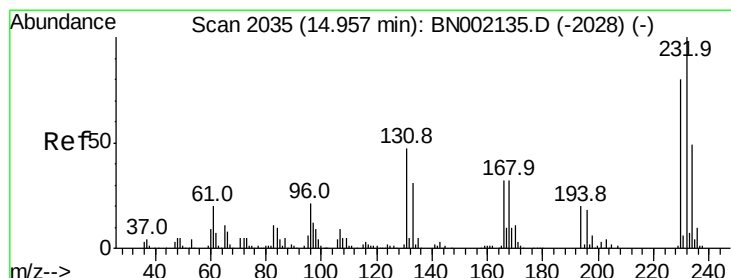
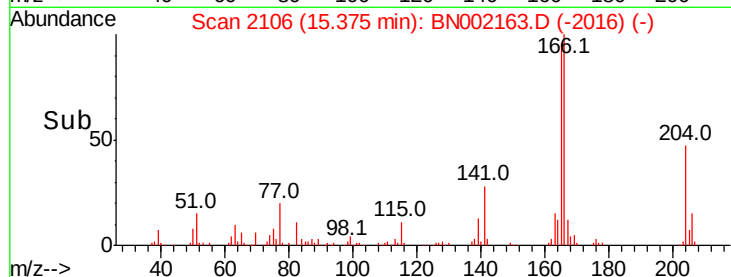
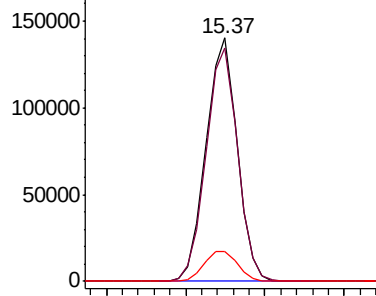


Abundance

Ion 166.00 (165.70 to 166.70): E

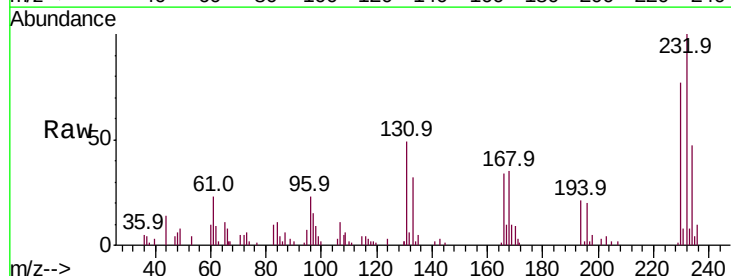
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 4.112 ng  
 RT: 14.95 min Scan# 2034  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 51.0  | 33.5  | 50.3# |
| 130     | 2.1   | 2.2   | 3.2#  |
| 166     | 33.6  | 24.8  | 37.2  |



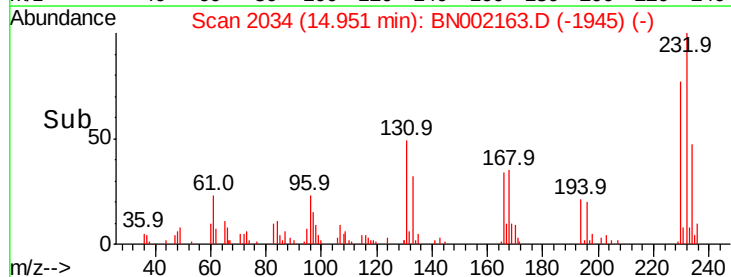
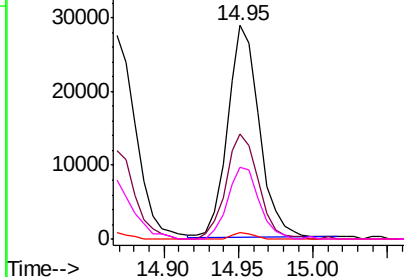
Abundance

Ion 232.00 (231.70 to 232.70): E

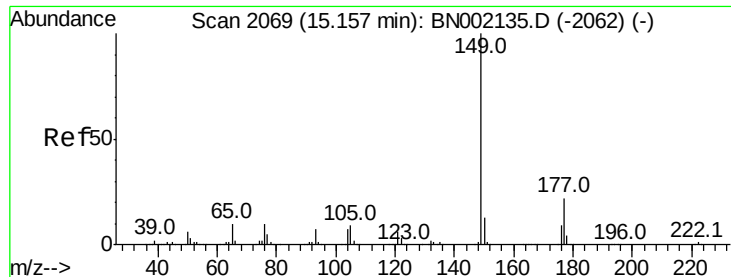
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#59

Diethylphthalate

Concen: 4.415 ng

RT: 15.15 min Scan# 2068

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

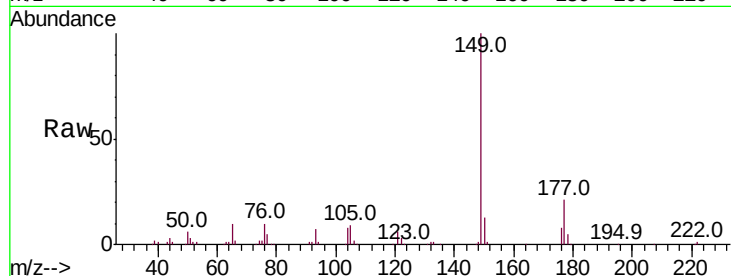
Tot Ion:149 Resp: 189197

Ion Ratio Lower Upper

149 100

177 21.1 18.5 27.7

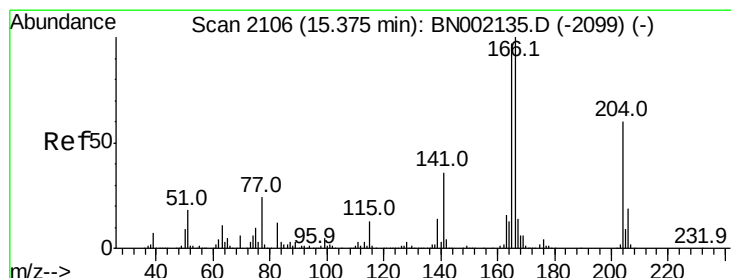
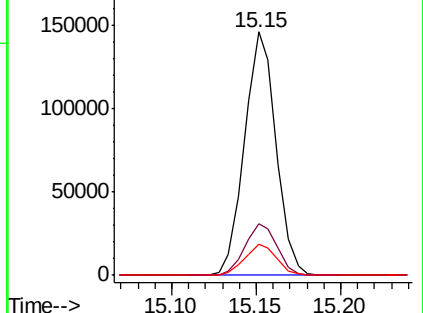
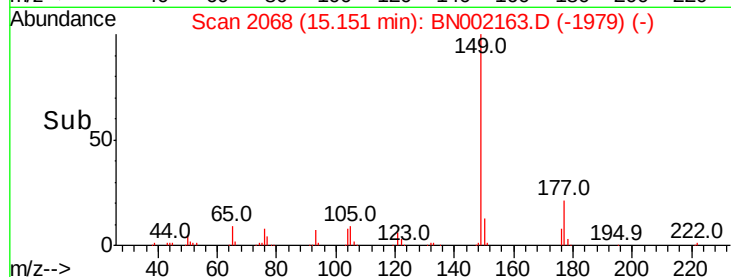
150 12.9 10.2 15.2



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



#60

4-Chlorophenyl-phenylether

Concen: 4.628 ng

RT: 15.37 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

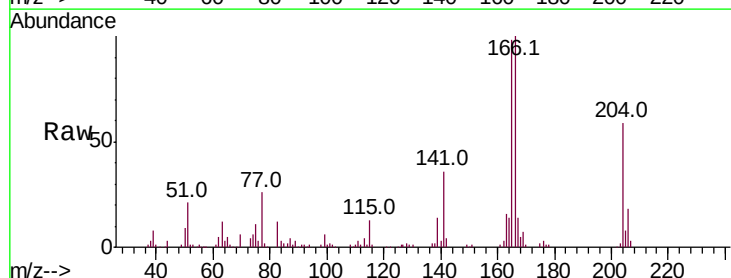
Tgt Ion:204 Resp: 98482

Ion Ratio Lower Upper

204 100

206 31.0 26.2 39.2

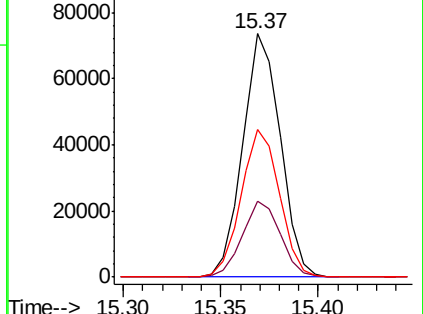
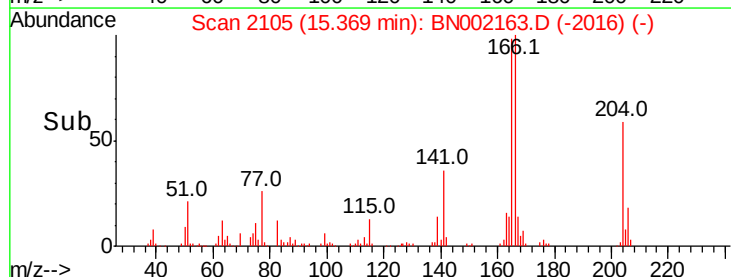
141 60.8 45.8 68.6

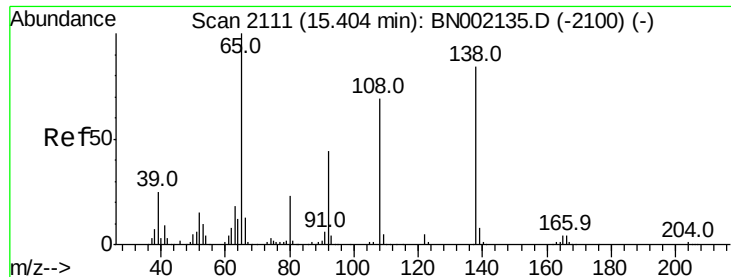


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

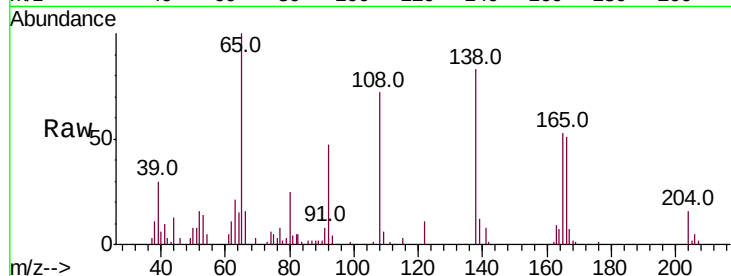




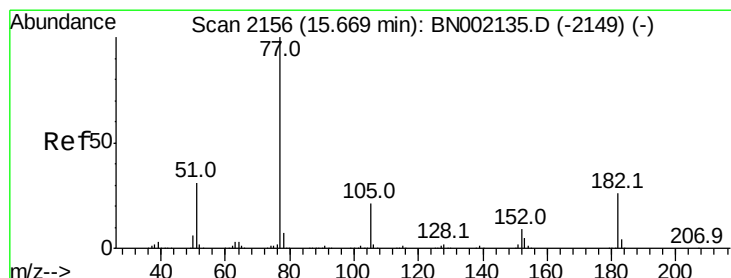
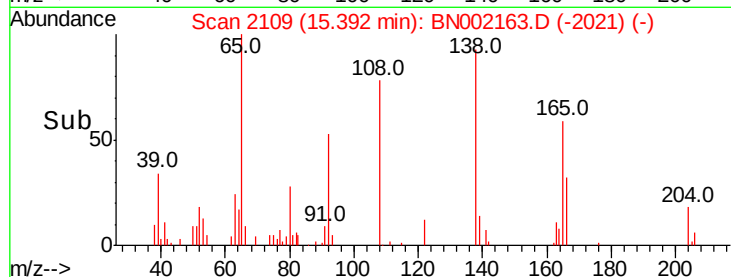
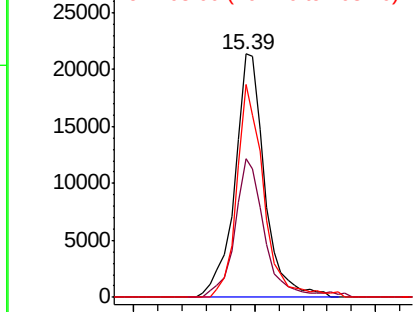
#61  
4-Nitroaniline  
Concen: 3.585 ng  
RT: 15.39 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:138 Resp: 37036  
Ion Ratio Lower Upper  
138 100  
92 57.1 40.1 80.1  
108 87.3 65.4 105.4

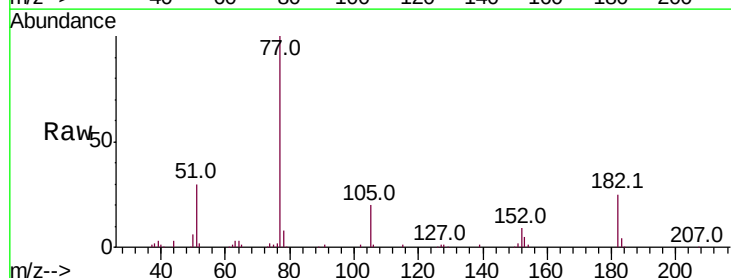


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BNO  
Ion 108.00 (107.70 to 108.70): E

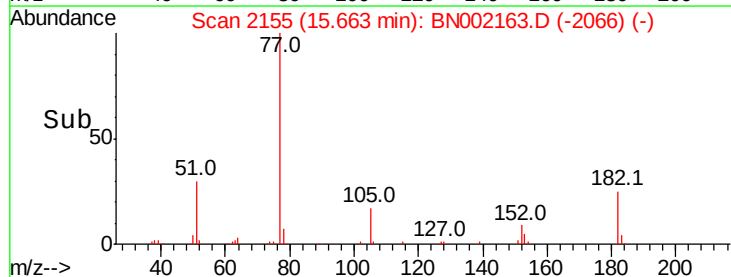
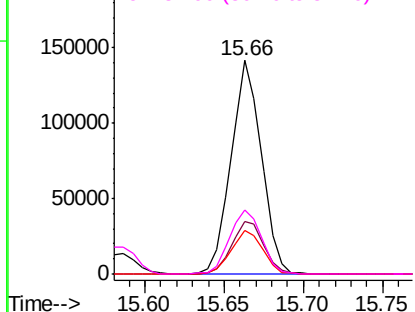


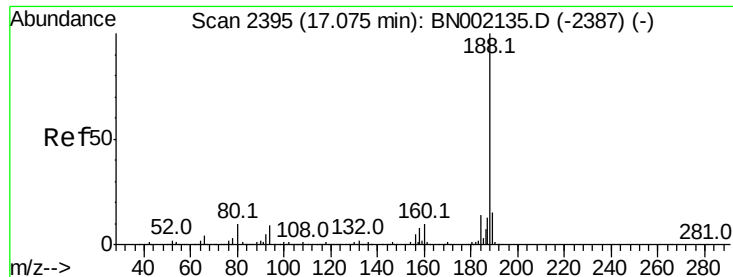
#62  
Azobenzene  
Concen: 4.564 ng  
RT: 15.66 min Scan# 2155  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Tgt Ion: 77 Resp: 187674  
Ion Ratio Lower Upper  
77 100  
182 24.9 7.4 47.4  
105 20.4 0.3 40.3  
51 30.1 11.6 51.6



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

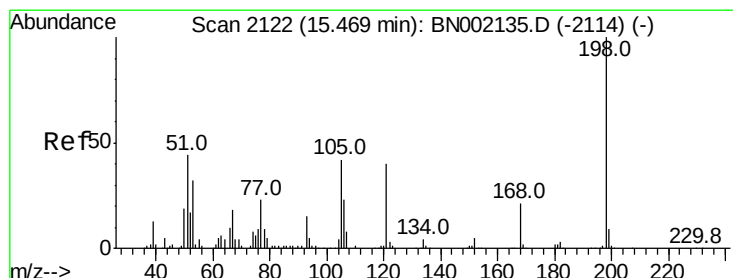
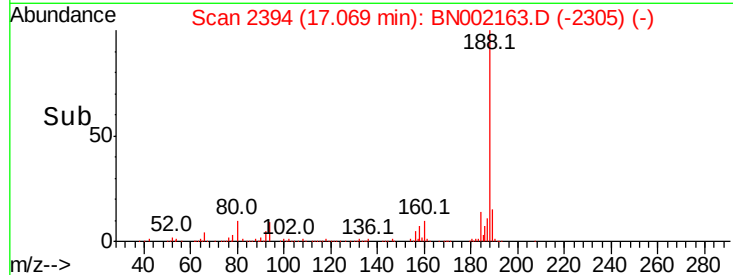
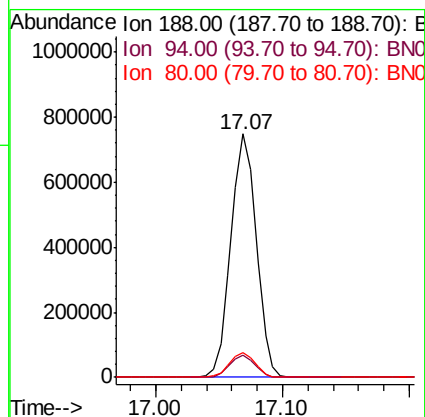
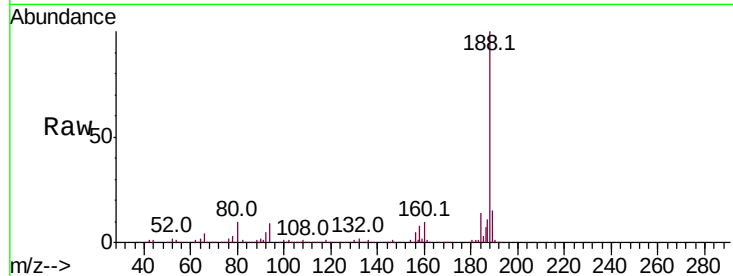




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.07 min Scan# 2394  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

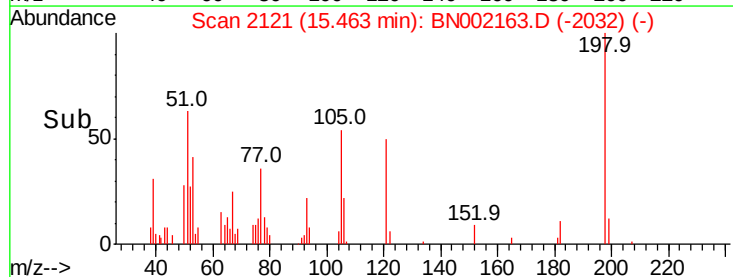
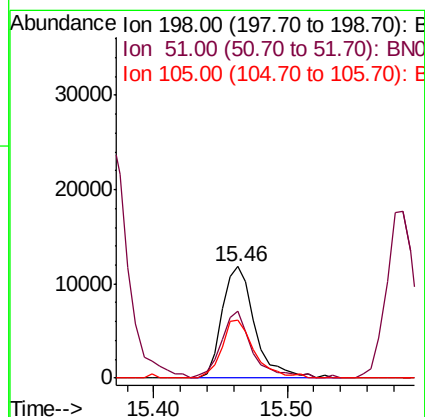
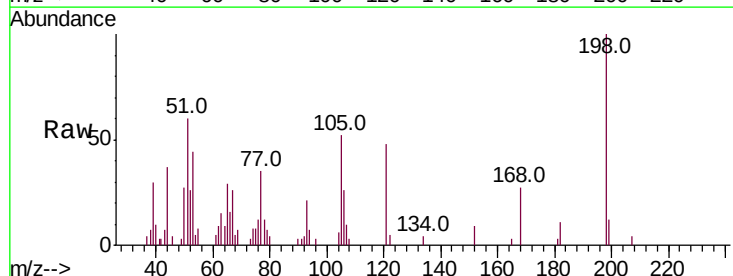
Instrument :  
 BNA\_N  
 ClientSampled :

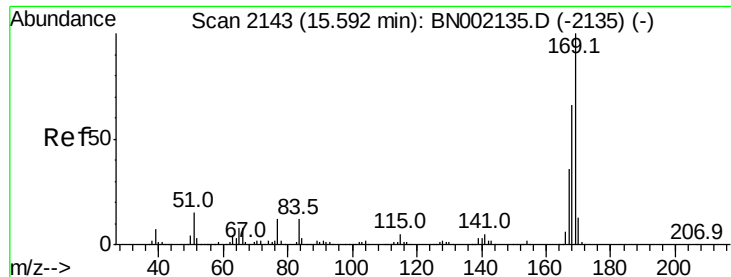
Tot Ion:188 Resp: 1037873  
 Ion Ratio Lower Upper  
 188 100  
 94 9.0 6.9 10.3  
 80 10.0 7.7 11.5



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 2.909 ng  
 RT: 15.46 min Scan# 2121  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Tgt Ion:198 Resp: 20383  
 Ion Ratio Lower Upper  
 198 100  
 51 60.2 30.6 70.6  
 105 51.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 4.609 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

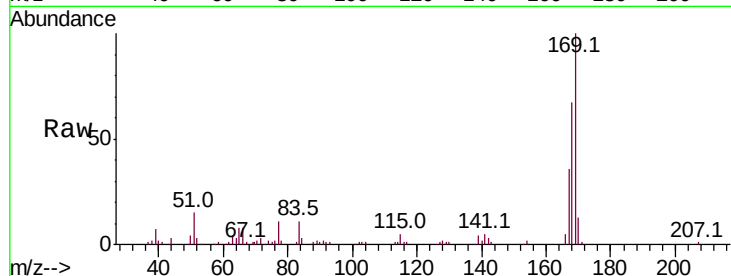
Tot Ion:169 Resp: 158715

Ion Ratio Lower Upper

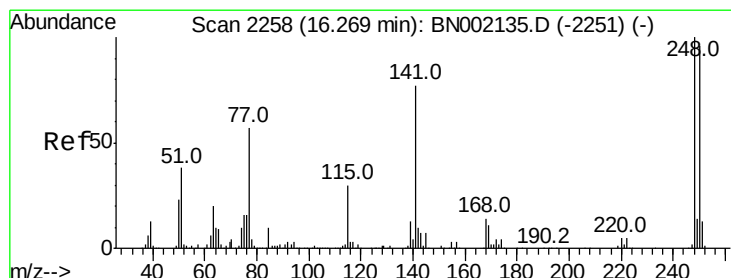
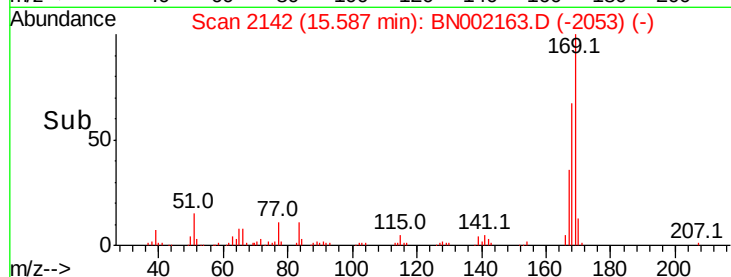
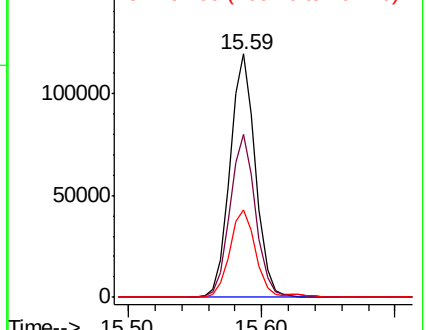
169 100

168 67.1 55.7 83.5

167 36.0 30.1 45.1



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



#66

4-Bromophenyl-phenylether

Concen: 4.723 ng

RT: 16.26 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

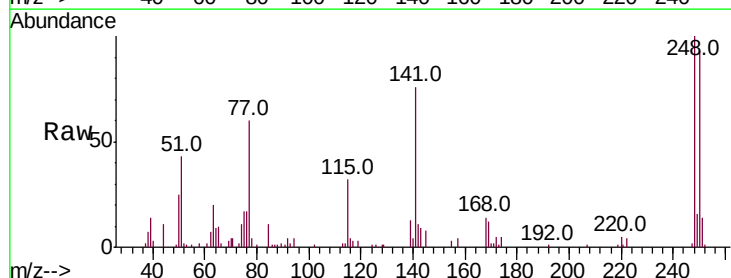
Tgt Ion:248 Resp: 57384

Ion Ratio Lower Upper

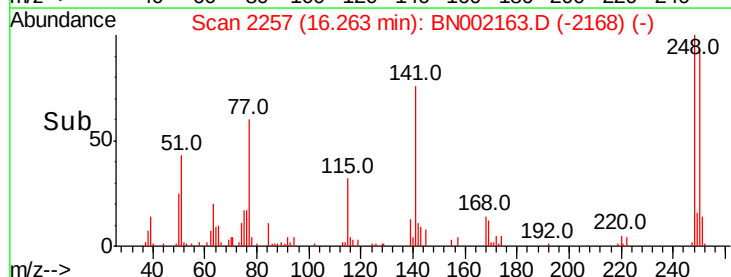
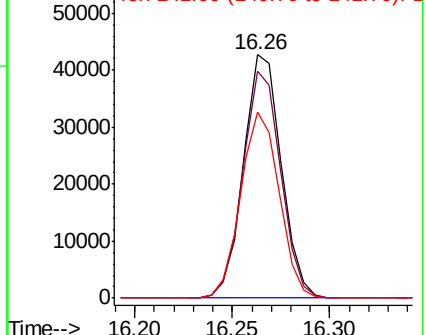
248 100

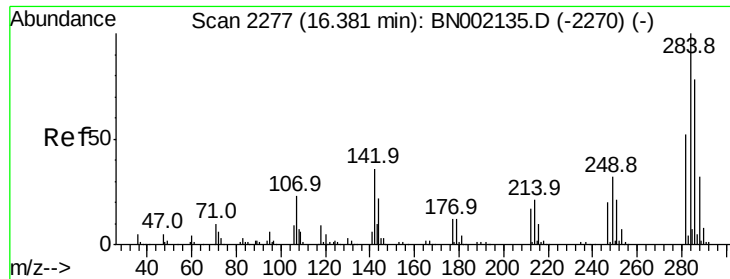
250 93.4 77.1 115.7

141 76.2 50.8 76.2#



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

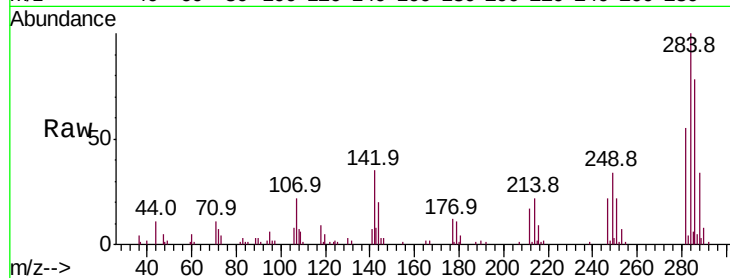




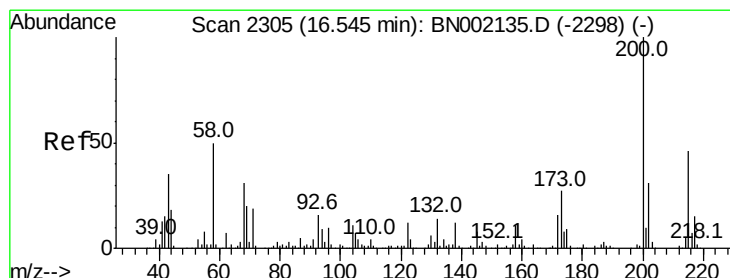
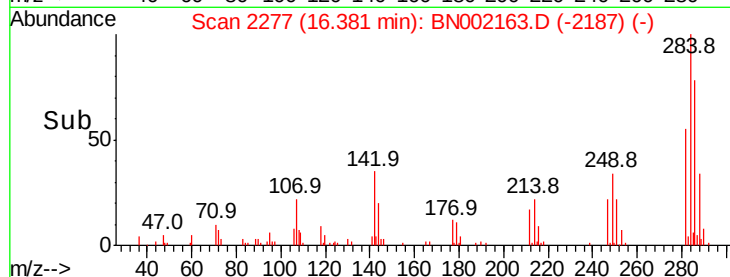
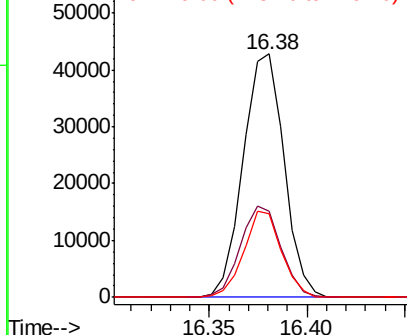
#67  
Hexachlorobenzene  
Concen: 4.625 ng  
RT: 16.38 min Scan# 2277  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:284 Resp: 62154  
Ion Ratio Lower Upper  
284 100  
142 35.2 26.8 40.2  
249 37.0 26.3 39.5

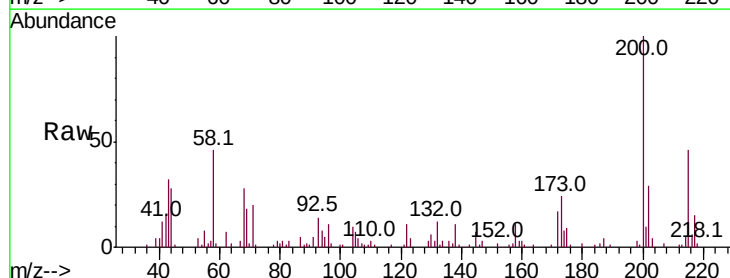


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

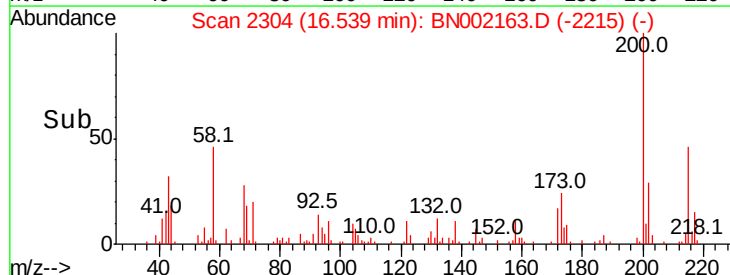
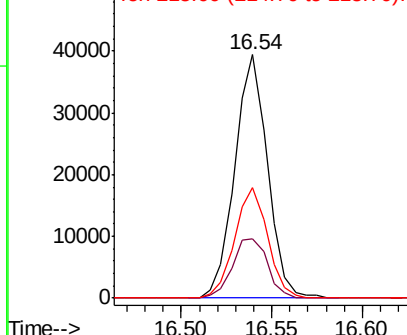


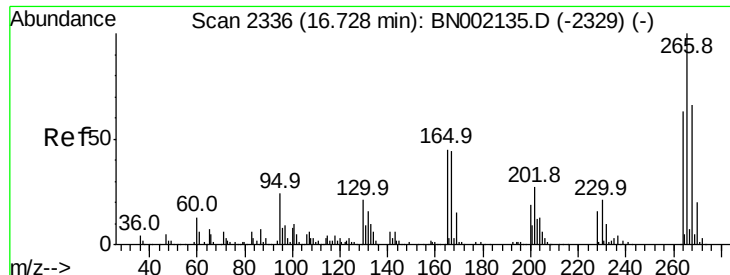
#68  
Atrazine  
Concen: 4.258 ng  
RT: 16.54 min Scan# 2304  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

Tgt Ion:200 Resp: 49376  
Ion Ratio Lower Upper  
200 100  
173 24.2 5.2 45.2  
215 45.5 30.4 70.4



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





#69

Pentachlorophenol

Concen: 2.499 ng

RT: 16.73 min Scan# 2336

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

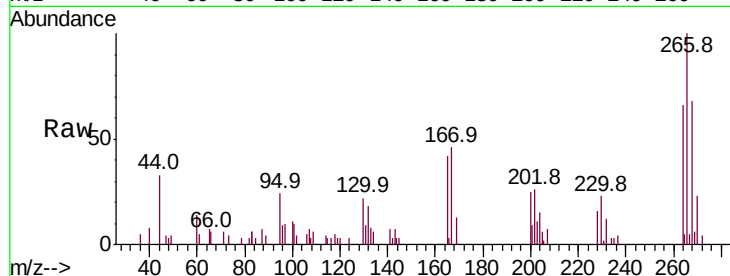
Tot Ion:266 Resp: 21615

Ion Ratio Lower Upper

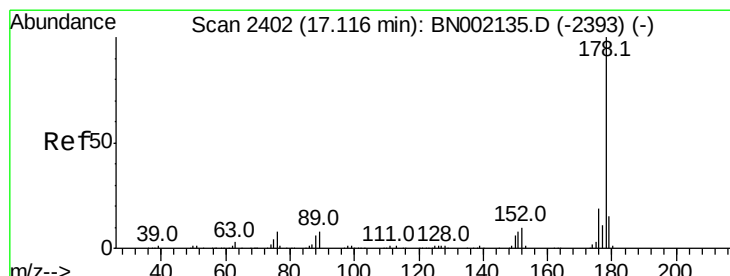
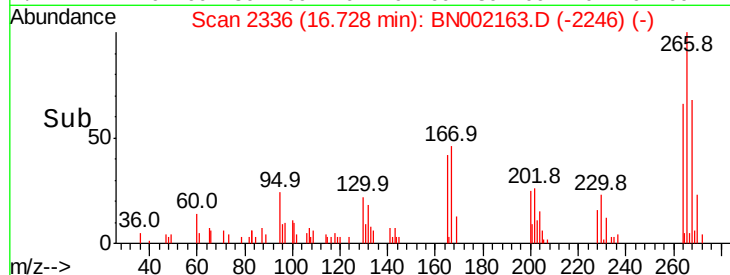
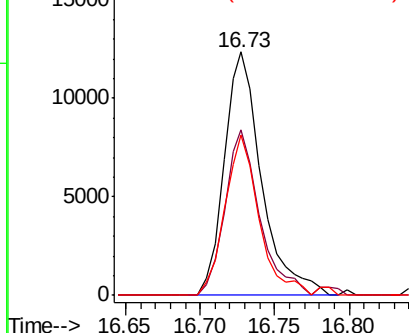
266 100

268 74.1 51.1 76.7

264 65.9 49.6 74.4



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



#70

Phenanthrene

Concen: 5.101 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

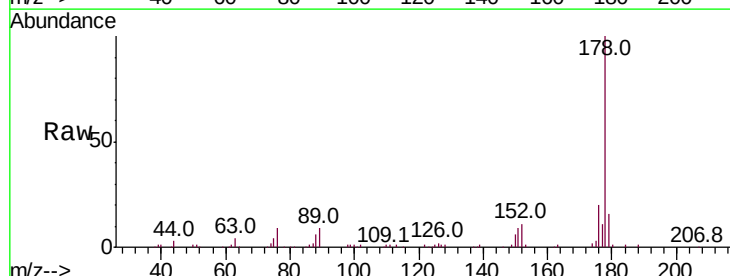
Tgt Ion:178 Resp: 288990

Ion Ratio Lower Upper

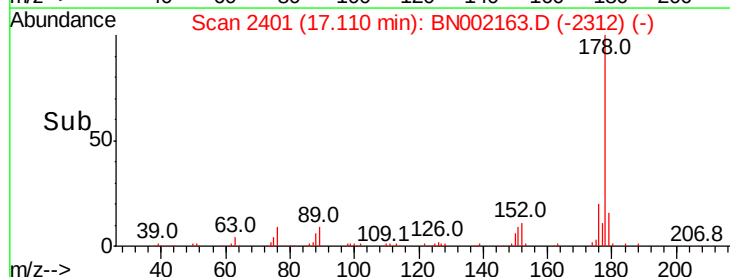
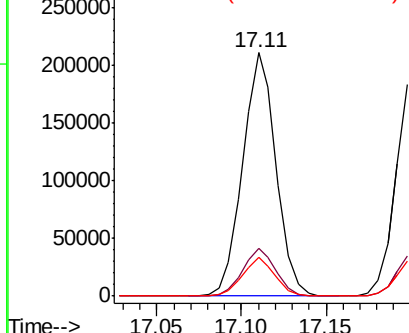
178 100

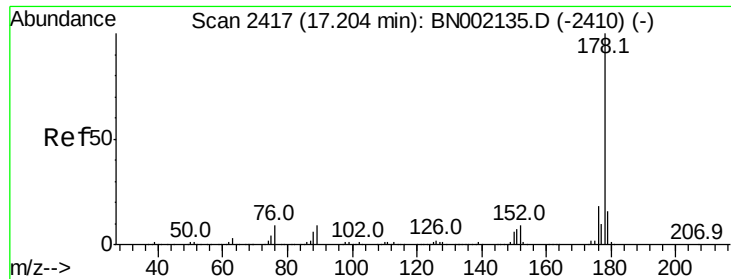
176 19.6 15.7 23.5

179 15.9 12.5 18.7



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

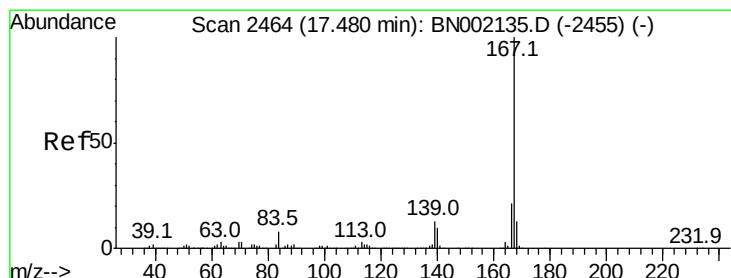
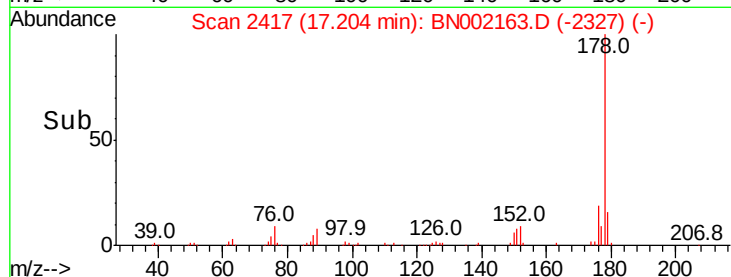
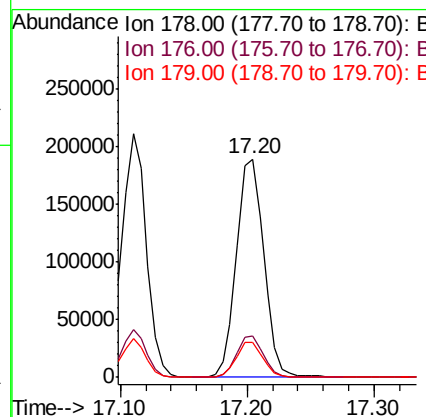
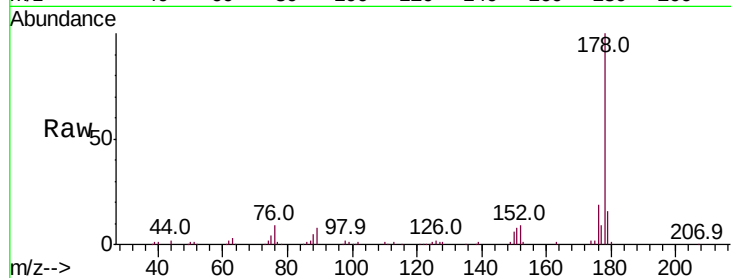




#71  
 Anthracene  
 Concen: 5.027 ng  
 RT: 17.20 min Scan# 2417  
 Delta R.T. 0.00 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

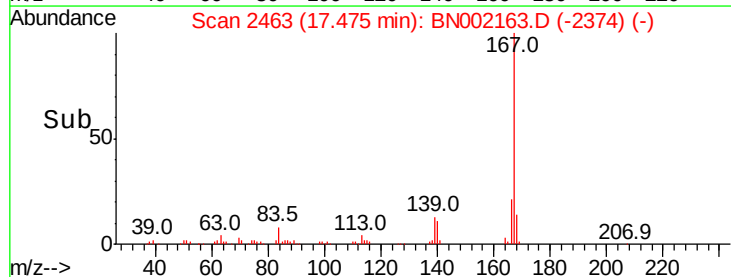
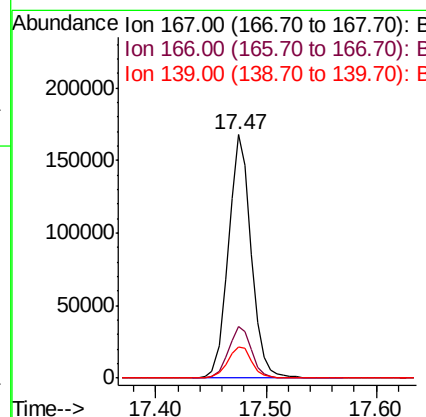
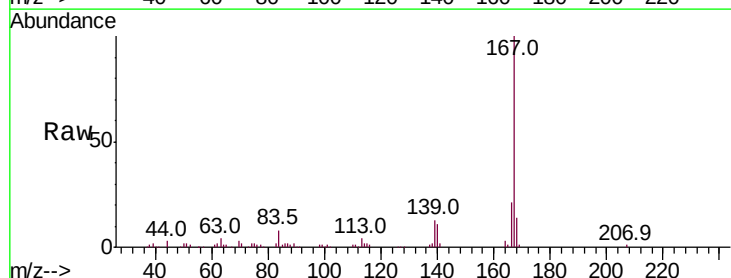
Instrument :  
 BNA\_N  
 ClientSampled :

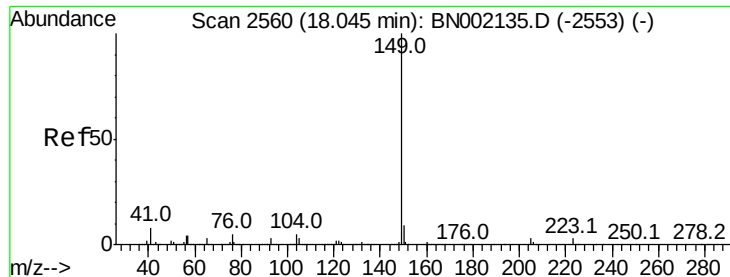
Tot Ion:178 Resp: 281903  
 Ion Ratio Lower Upper  
 178 100  
 176 19.0 16.0 24.0  
 179 15.9 12.5 18.7



#72  
 Carbazole  
 Concen: 4.314 ng  
 RT: 17.47 min Scan# 2463  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Tgt Ion:167 Resp: 242709  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 18.2 27.4  
 139 13.0 9.4 14.2

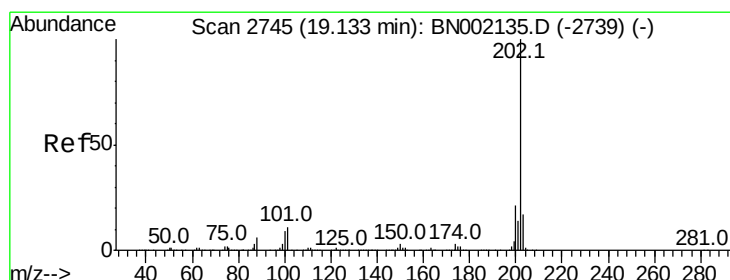
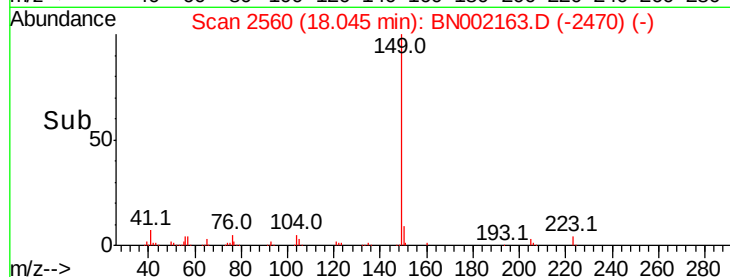
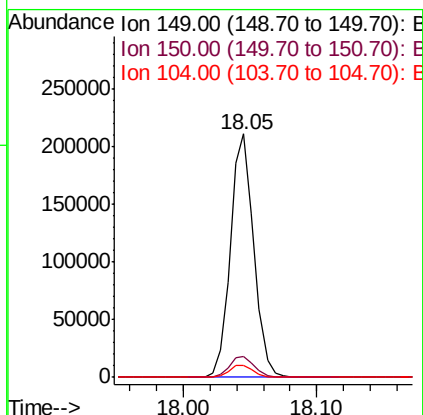
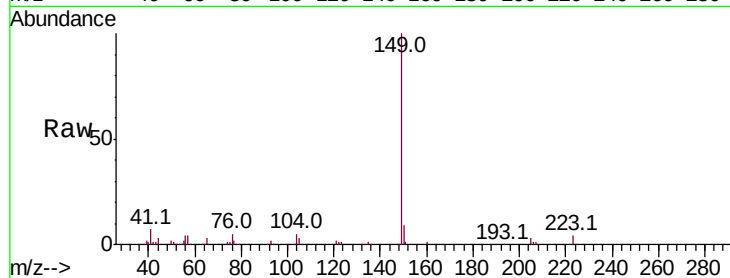




#73  
Di-n-butylphthalate  
Concen: 3.925 ng  
RT: 18.05 min Scan# 2560  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

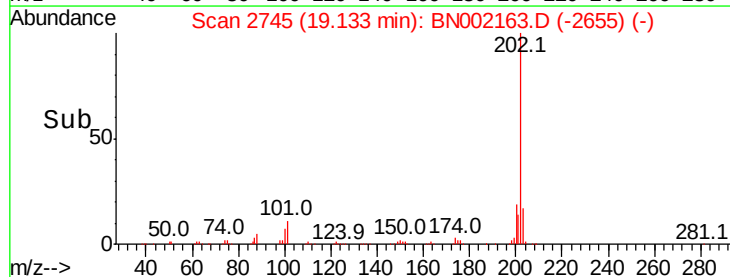
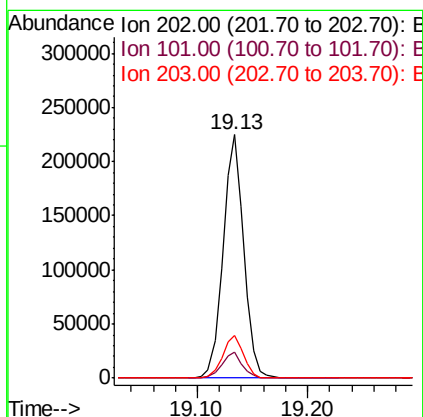
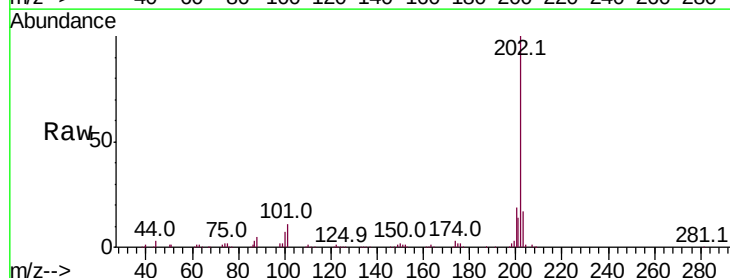
Instrument :  
BNA\_N  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 8.7   | 7.8   | 11.6  |
| 104     | 4.8   | 3.9   | 5.9   |

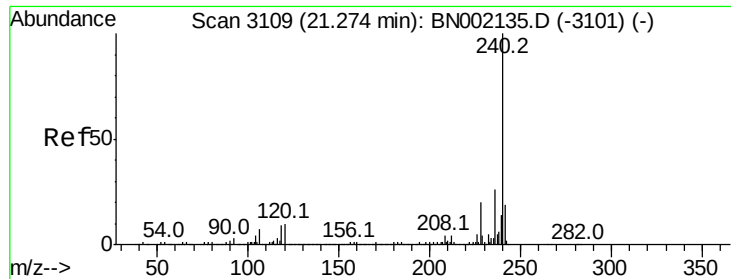


#74  
Fluoranthene  
Concen: 4.759 ng  
RT: 19.13 min Scan# 2745  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 10.8  | 0.0   | 28.9  |
| 203     | 17.4  | 0.0   | 37.5  |







#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampled :

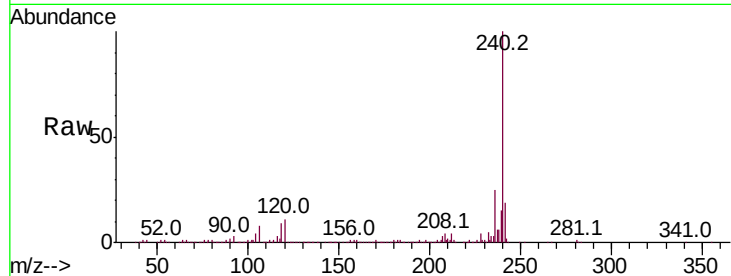
Tot Ion:240 Resp: 920051

Ion Ratio Lower Upper

240 100

120 10.7 6.8 10.2#

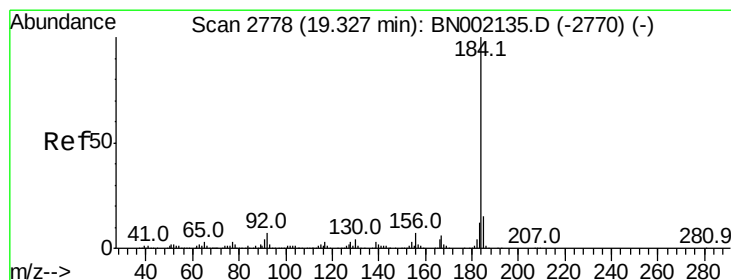
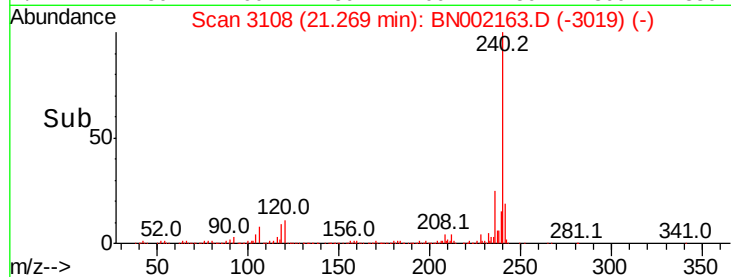
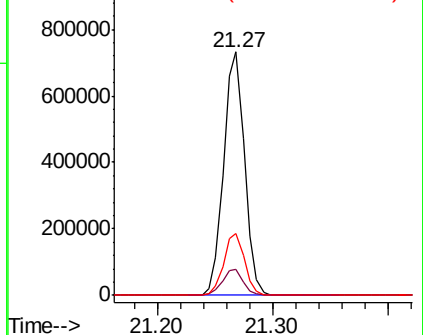
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 2.316 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

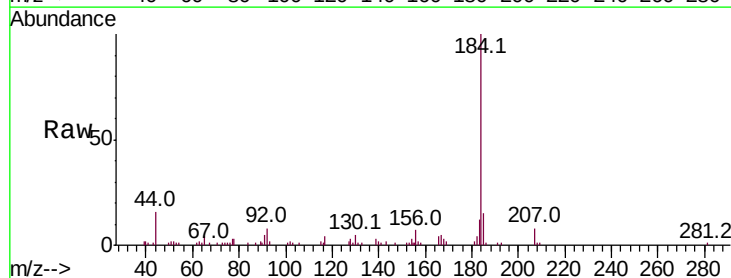
Tgt Ion:184 Resp: 69492

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

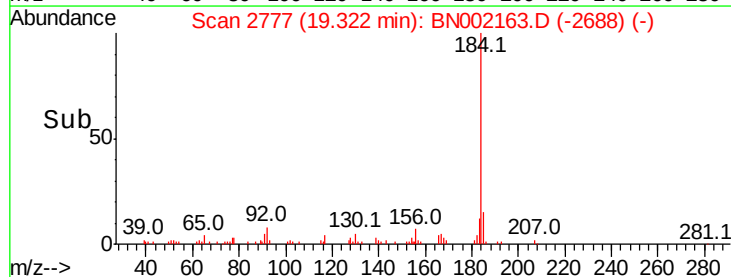
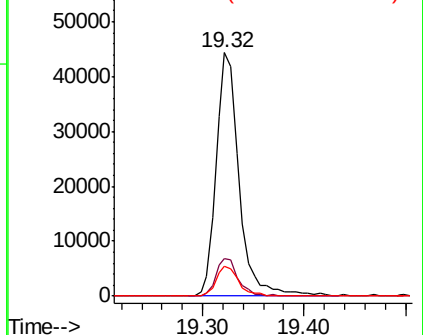
183 12.4 10.6 16.0

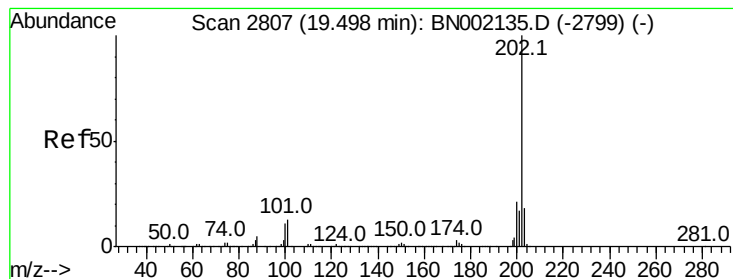


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 4.729 ng

RT: 19.50 min Scan# 2807

Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

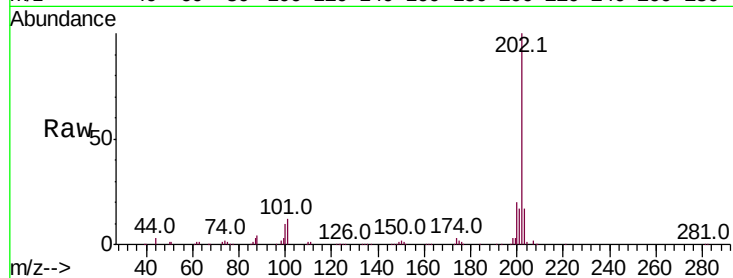
Instrument :

BNA\_N

ClientSampled :

Tot Ion:202 Resp: 300037

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 20.1  | 16.9  | 25.3  |
| 203 | 17.3  | 13.9  | 20.9  |

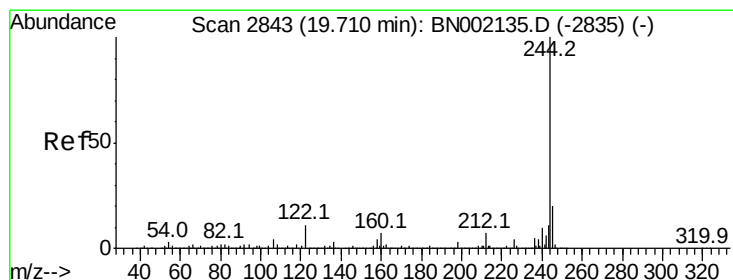
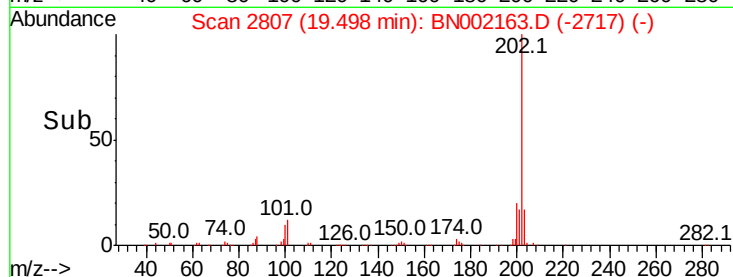
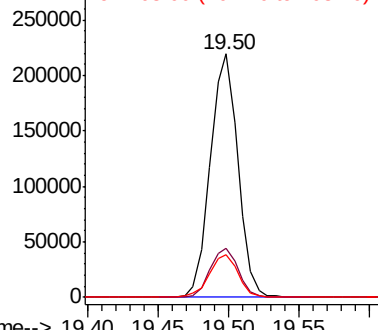


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 107.122 ng

RT: 19.71 min Scan# 2843

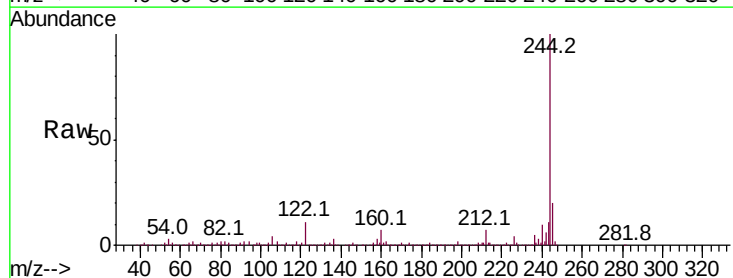
Delta R.T. 0.00 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Tgt Ion:244 Resp: 4725510

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.8   | 8.8   |
| 122 | 10.5  | 7.0   | 10.4  |

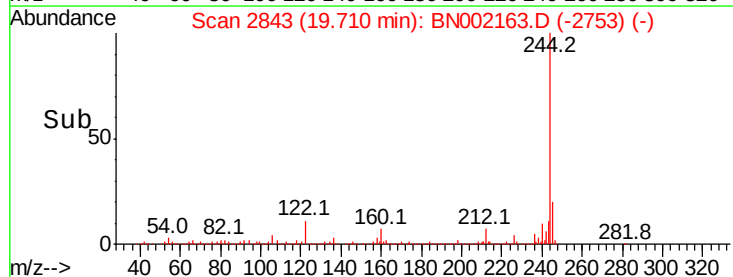
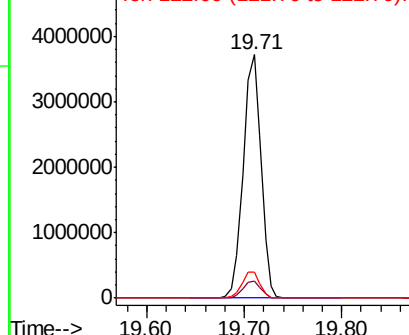


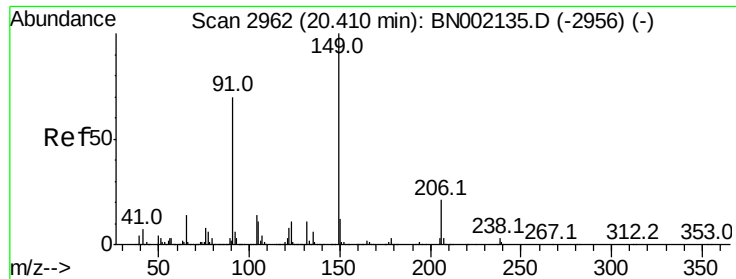
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

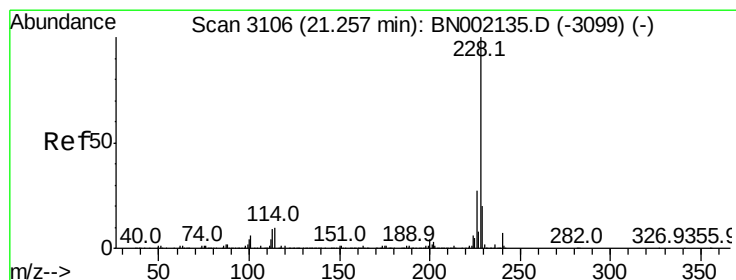
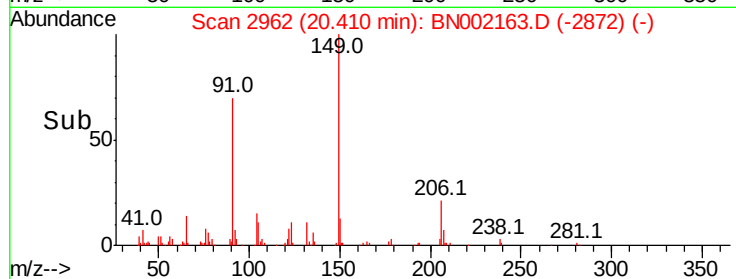
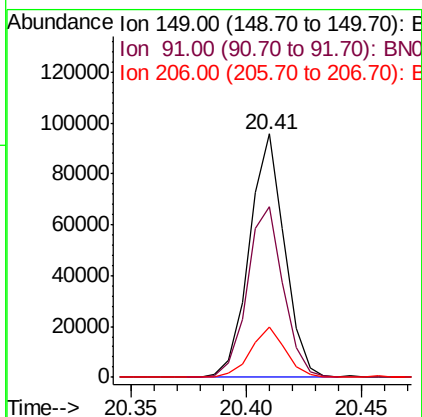
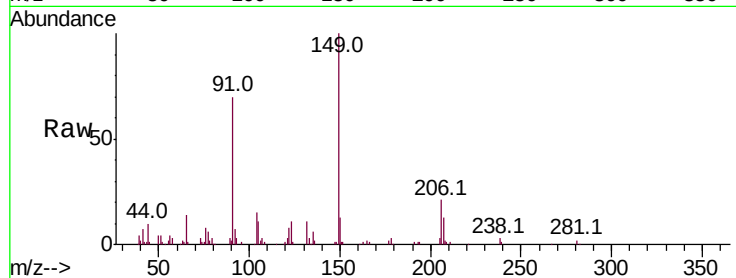




#79  
Butylbenzylphthalate  
Concen: 3.674 ng  
RT: 20.41 min Scan# 2962  
Delta R.T. 0.00 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

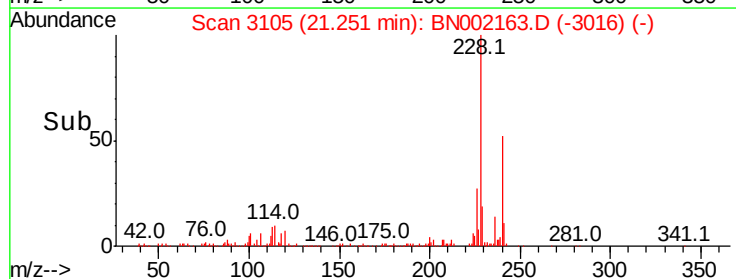
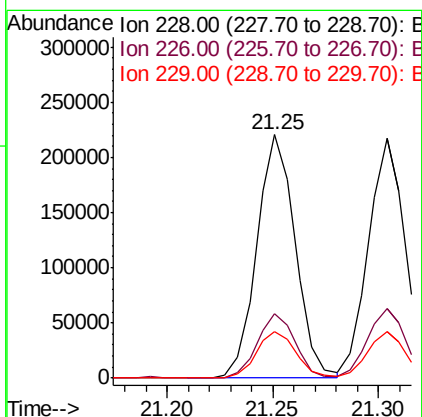
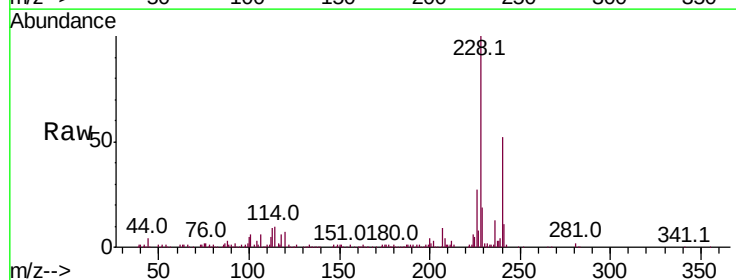
Instrument :  
BNA\_N  
ClientSampleId :

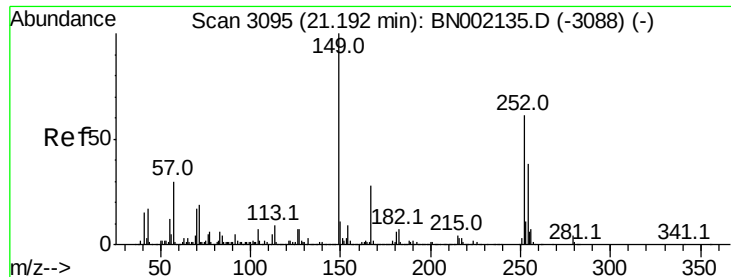
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 70.2  | 62.2  | 93.2  |
| 206     | 20.6  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 4.972 ng  
RT: 21.25 min Scan# 3105  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.7  | 22.7  | 34.1  |
| 229     | 19.3  | 16.2  | 24.2  |

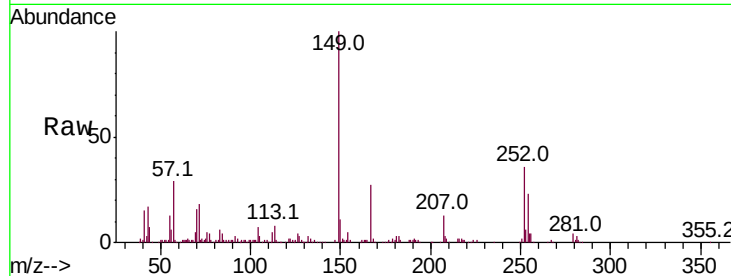




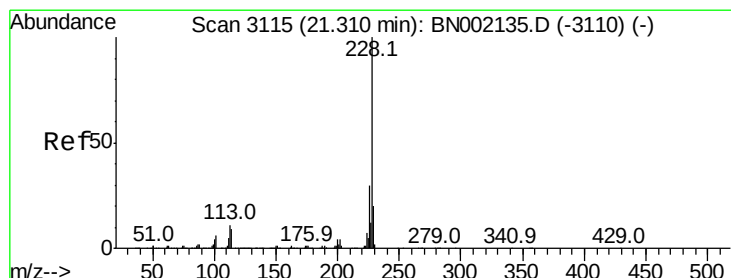
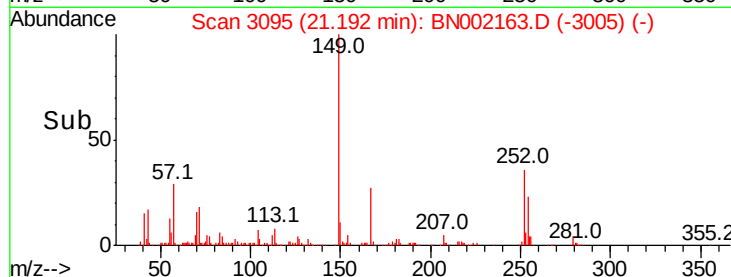
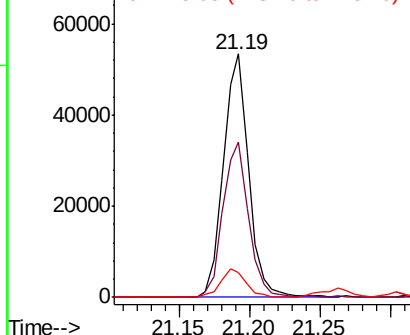
#81  
 3,3'-Dichlorobenzidine  
 Concen: 3.031 ng  
 RT: 21.19 min Scan# 3095  
 Delta R.T. 0.00 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.7  | 50.8  | 76.2  |
| 126     | 9.9   | 7.4   | 11.2  |

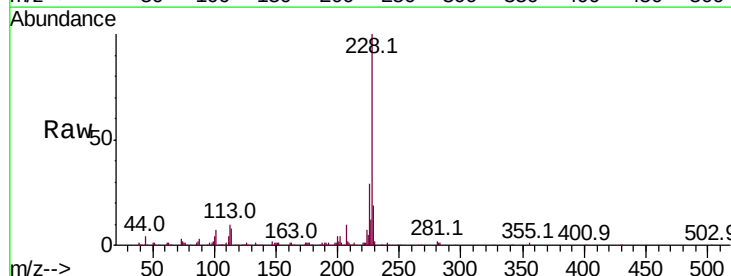


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

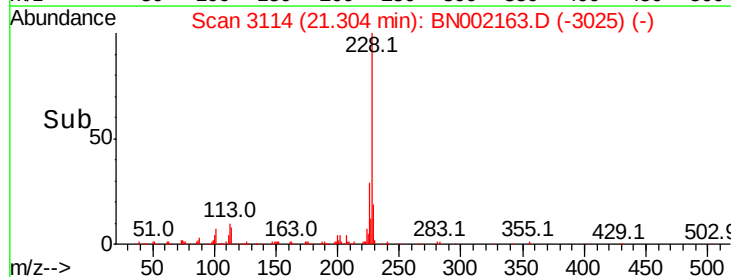
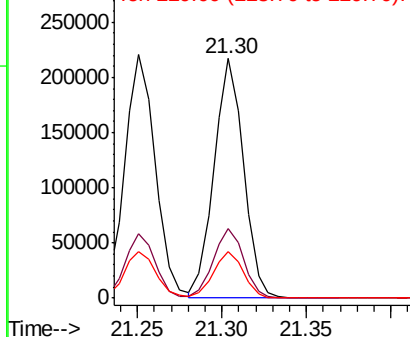


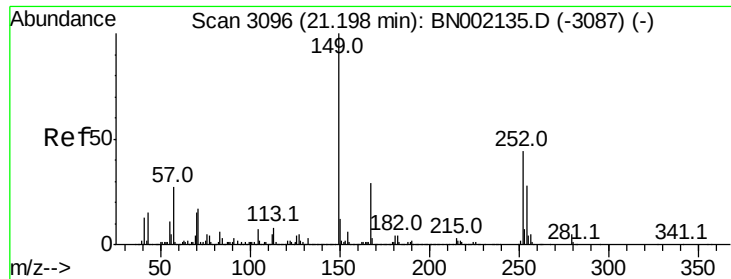
#82  
 Chrysene  
 Concen: 4.970 ng  
 RT: 21.30 min Scan# 3114  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.9  | 24.9  | 37.3  |
| 229     | 19.4  | 15.0  | 22.4  |



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

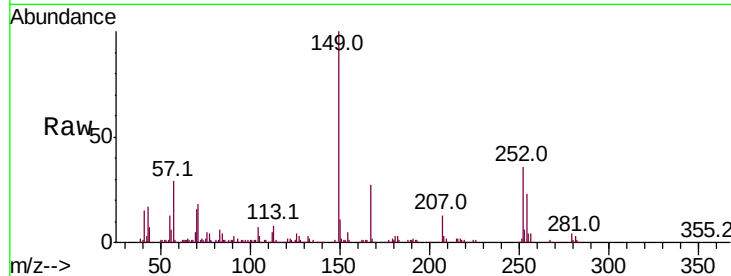




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.901 ng  
 RT: 21.19 min Scan# 3095  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 26.8  | 24.3  | 36.5  |
| 279     | 4.0   | 4.0   | 6.0   |

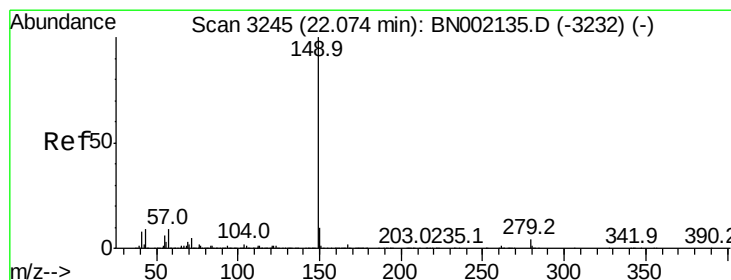
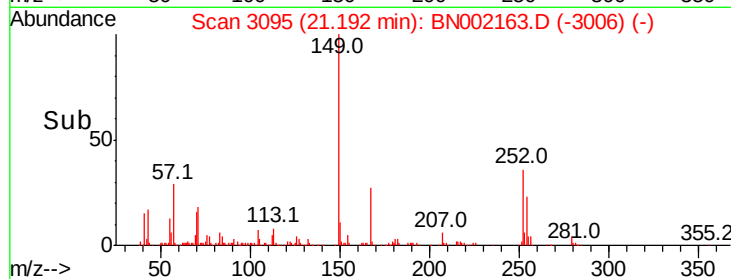
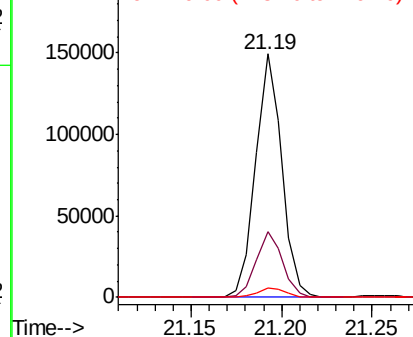


Abundance

Ion 149.00 (148.70 to 149.70): E

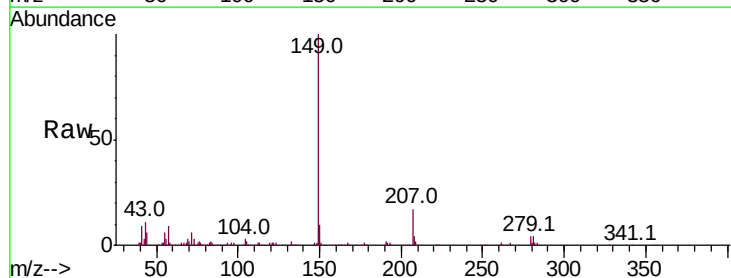
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 3.974 ng  
 RT: 22.07 min Scan# 3244  
 Delta R.T. -0.01 min  
 Lab File: BN002163.D  
 Acq: 26 Jul 2018 07:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.4   | 2.0   |
| 43      | 10.0  | 8.9   | 13.3  |

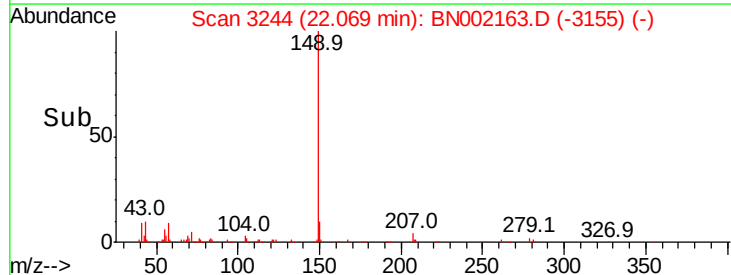
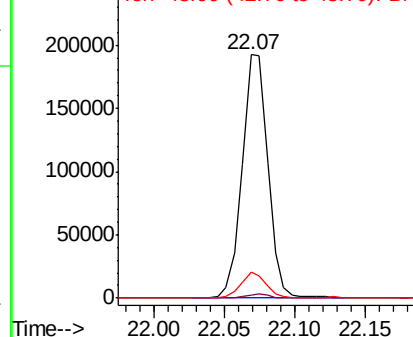


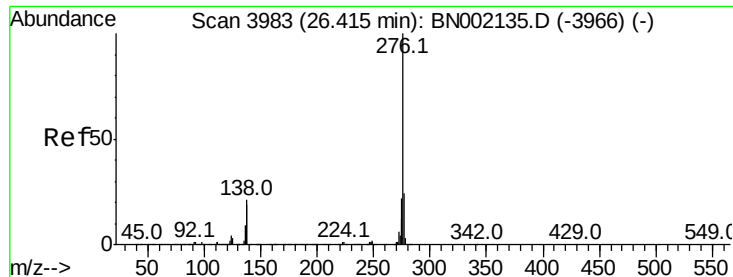
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNO

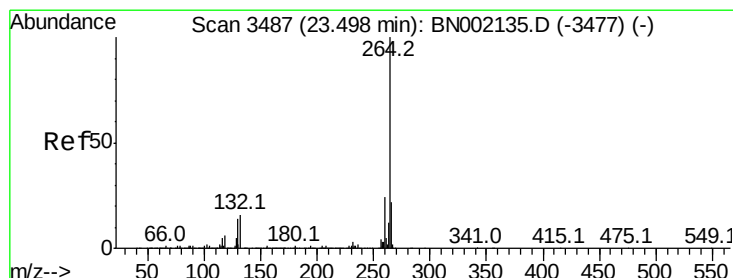
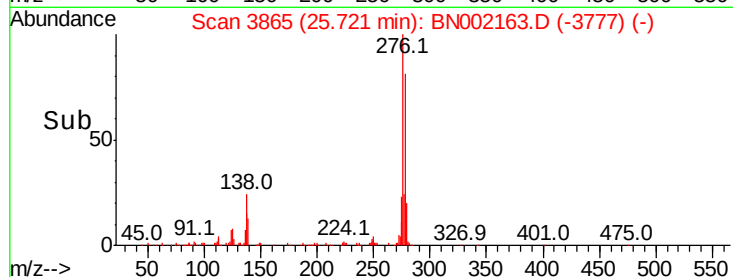
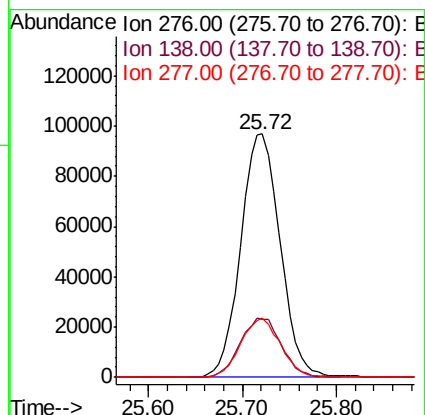
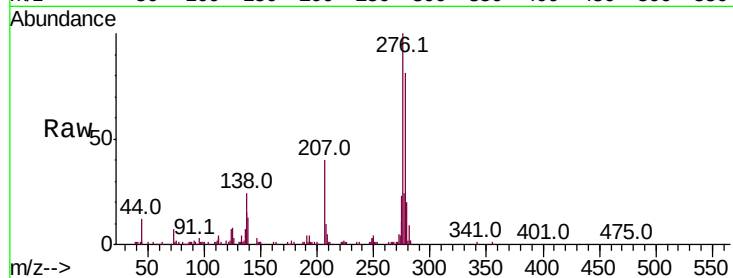




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 5.406 ng  
RT: 25.72 min Scan# 3865  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

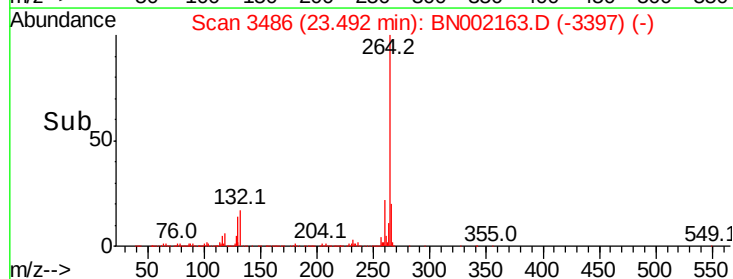
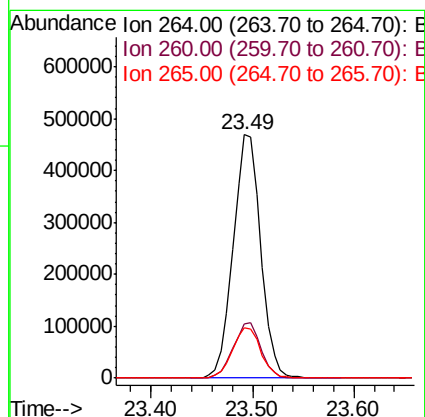
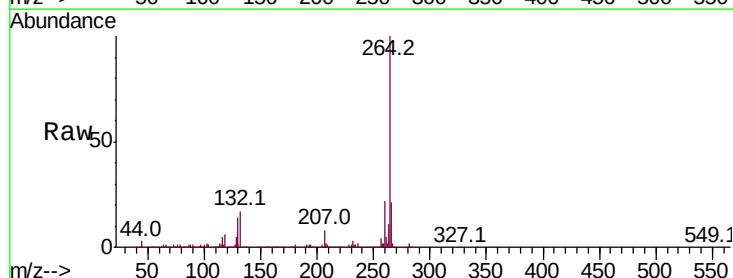
Instrument :  
BNA\_N  
ClientSampleId :

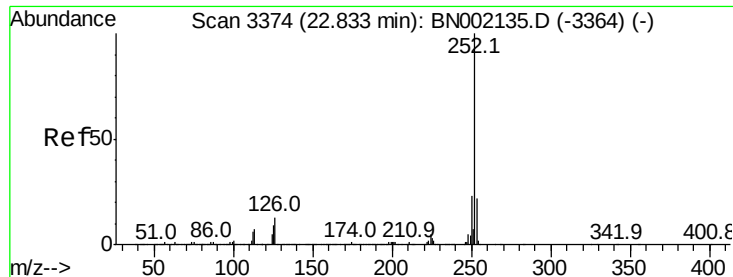
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.4  | 16.0  | 24.0# |
| 277     | 24.6  | 20.0  | 30.0  |



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.49 min Scan# 3486  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.3  | 17.4  | 26.0  |
| 265     | 20.7  | 17.7  | 26.5  |

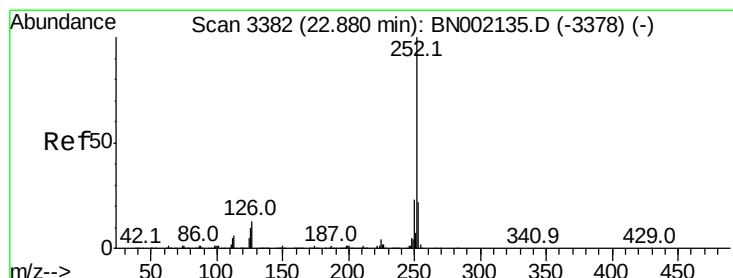
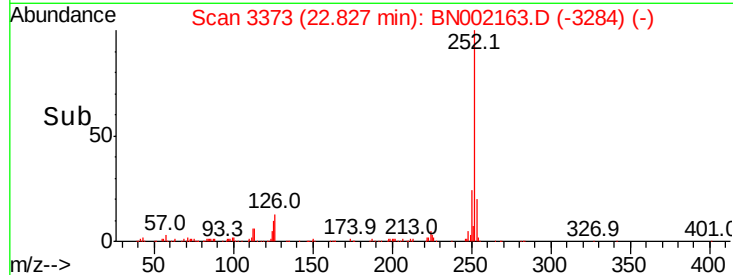
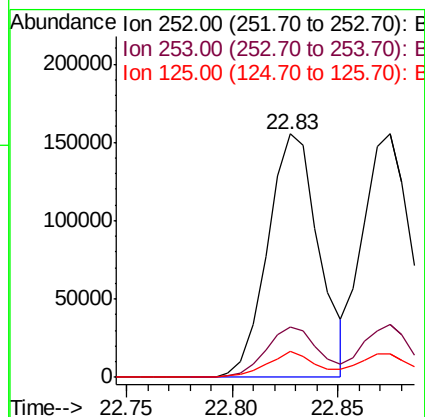
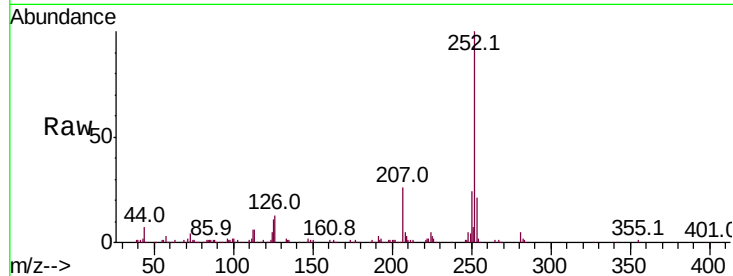




#87  
Benzo(b)fluoranthene  
Concen: 5.020 ng  
RT: 22.83 min Scan# 3373  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

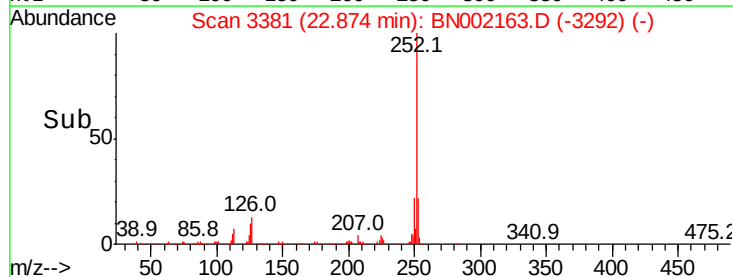
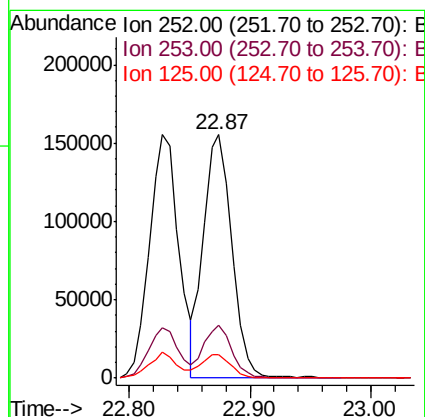
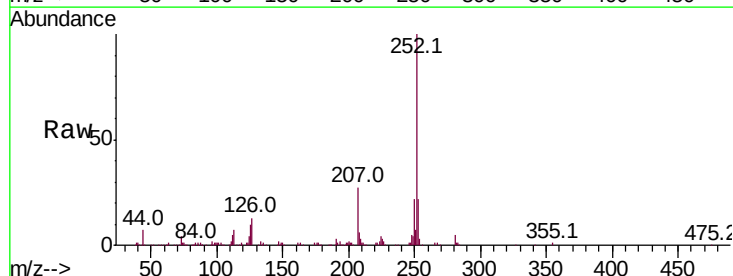
Instrument :  
BNA\_N  
ClientSampleId :

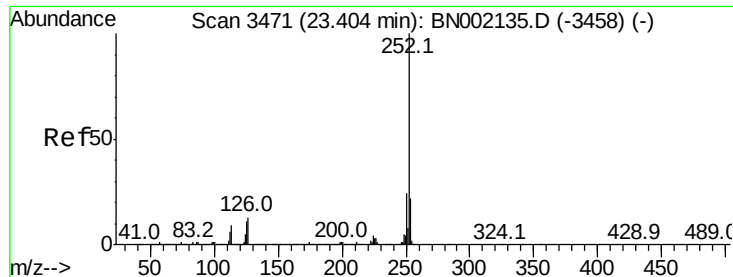
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.6  | 18.2  | 27.4  |
| 125     | 10.6  | 7.2   | 10.8  |



#88  
Benzo(k)fluoranthene  
Concen: 4.887 ng  
RT: 22.87 min Scan# 3381  
Delta R.T. -0.01 min  
Lab File: BN002163.D  
Acq: 26 Jul 2018 07:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.4  | 26.2  |
| 125     | 9.8   | 6.6   | 9.8   |





#89

Benzo(a)pyrene

Concen: 4.981 ng

RT: 23.40 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

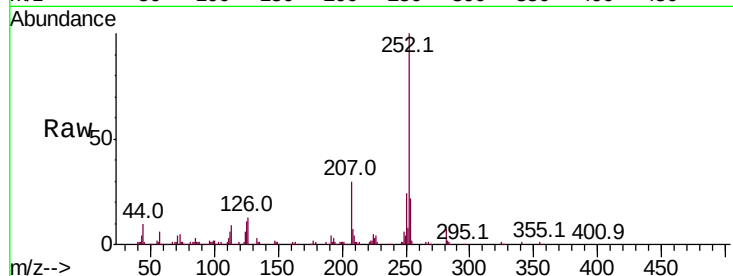
Tot Ion:252 Resp: 242349

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

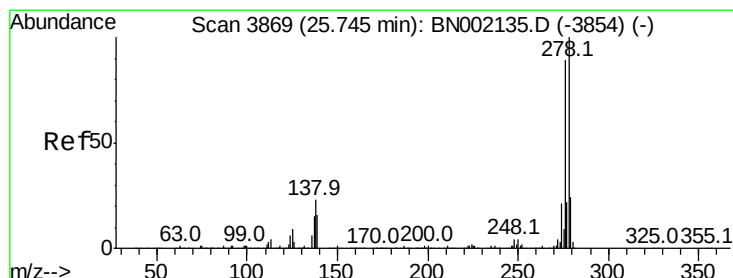
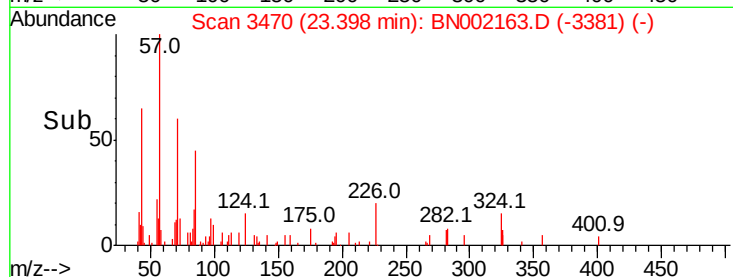
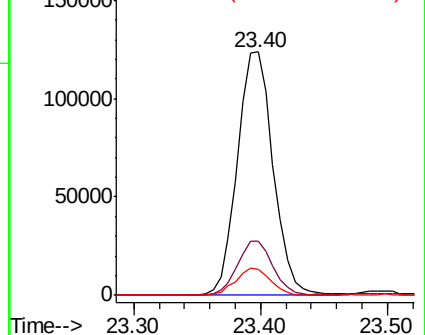
125 10.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.168 ng

RT: 25.73 min Scan# 3866

Delta R.T. -0.02 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

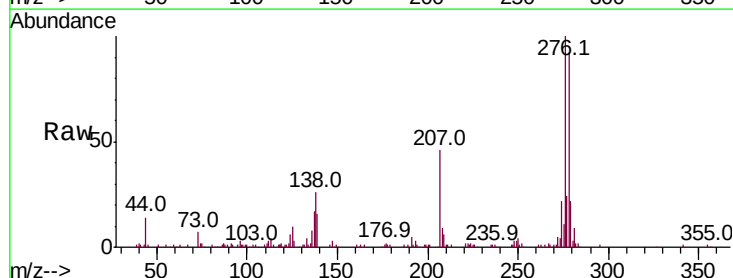
Tgt Ion:278 Resp: 236076

Ion Ratio Lower Upper

278 100

139 17.0 9.8 14.6#

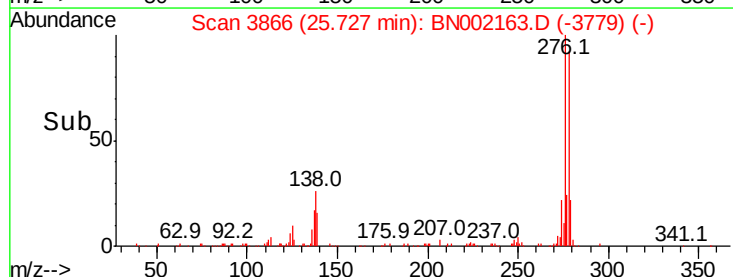
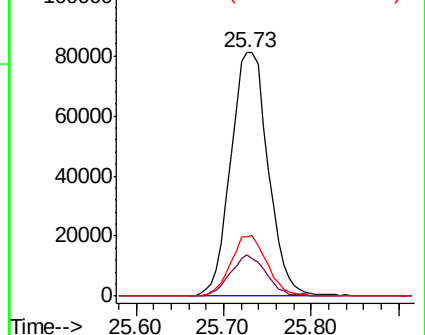
279 24.3 18.4 27.6



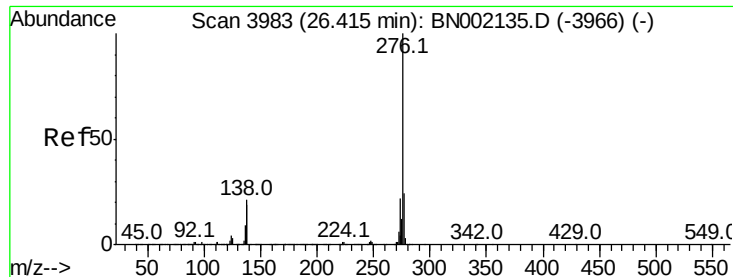
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#91

Benzo(a,h,i)perylene

Concen: 5.305 ng

RT: 26.40 min Scan# 3980

Delta R.T. -0.02 min

Lab File: BN002163.D

Acq: 26 Jul 2018 07:23

Instrument :

BNA\_N

ClientSampleId :

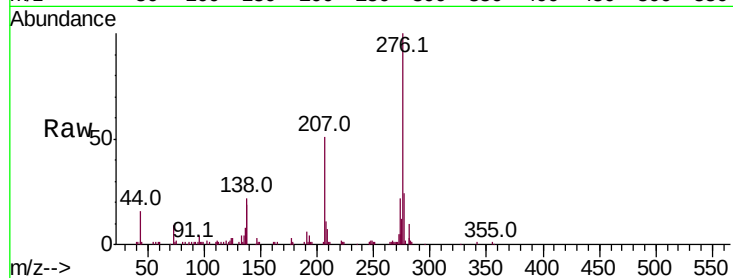
Tot Ion:276 Resp: 234165

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 21.6 13.9 20.9#



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

