

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\  
 Data File : BN002162.D  
 Acq On : 26 Jul 2018 06:48  
 Operator : JU/SJ  
 Sample : J3762-09  
 Misc : MDL 2 PPM  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 26 08:55:45 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  | 218232   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.46 | 136  | 908864   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.32 | 164  | 541504   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.07 | 188  | 1180950  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.27 | 240  | 983360   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.49 | 264  | 893344   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 1671169 | 123.28 | ng | 0.00 |
| 7) Phenol-d6             | 6.88  | 99  | 2276302 | 119.66 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.84  | 82  | 1566009 | 88.36  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.82 | 330 | 901050  | 128.14 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.94 | 172 | 3586121 | 86.26  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.71 | 244 | 5213206 | 110.57 | ng | 0.00 |

## Target Compounds

|                                |       |     |       |       |    | Qvalue |
|--------------------------------|-------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.29  | 88  | 9660  | 1.898 | ng | # 70   |
| 3) Pyridine                    | 3.69  | 79  | 24916 | 1.690 | ng | # 67   |
| 4) n-Nitrosodimethylamine      | 3.59  | 42  | 10883 | 1.721 | ng | # 63   |
| 6) Aniline                     | 7.03  | 93  | 30161 | 1.298 | ng | 100    |
| 8) 2-Chlorophenol              | 7.26  | 128 | 29006 | 1.845 | ng | 95     |
| 9) Benzaldehyde                | 6.85  | 77  | 28661 | 2.446 | ng | 93     |
| 10) Phenol                     | 6.90  | 94  | 36839 | 1.889 | ng | 76     |
| 11) bis(2-Chloroethyl)ether    | 7.13  | 93  | 27969 | 1.762 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.58  | 146 | 32150 | 1.795 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.72  | 146 | 33392 | 1.822 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 8.04  | 146 | 32477 | 1.837 | ng | 93     |
| 15) Benzyl Alcohol             | 7.93  | 79  | 16754 | 1.167 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.21  | 45  | 48274 | 1.884 | ng | 93     |
| 17) 2-Methylphenol             | 8.13  | 107 | 23925 | 1.797 | ng | # 86   |
| 18) Hexachloroethane           | 8.76  | 117 | 12136 | 1.809 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.49  | 70  | 23242 | 1.684 | ng | # 96   |
| 20) 3+4-Methylphenols          | 8.46  | 107 | 30853 | 1.661 | ng | 88     |
| 22) Acetophenone               | 8.51  | 105 | 45844 | 1.945 | ng | # 95   |
| 24) Nitrobenzene               | 8.88  | 77  | 36370 | 1.980 | ng | 97     |
| 25) Isophorone                 | 9.40  | 82  | 60365 | 1.984 | ng | 98     |
| 26) 2-Nitrophenol              | 9.59  | 139 | 13071 | 1.473 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.65  | 122 | 24101 | 1.953 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 9.89  | 93  | 39556 | 2.012 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.13 | 162 | 23392 | 1.626 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.33 | 180 | 30196 | 1.853 | ng | 96     |
| 31) Naphthalene                | 10.51 | 128 | 96140 | 2.096 | ng | 96     |
| 32) Benzoic acid               | 9.73  | 122 | 5488  | 0.524 | ng | # 54   |
| 33) 4-Chloroaniline            | 10.63 | 127 | 26957 | 1.321 | ng | 95     |
| 34) Hexachlorobutadiene        | 10.80 | 225 | 18130 | 1.817 | ng | 95     |
| 35) Caprolactam                | 11.38 | 113 | 6117  | 1.246 | ng | # 61   |
| 36) 4-Chloro-3-methylphenol    | 11.76 | 107 | 26679 | 1.631 | ng | 95     |
| 37) 2-Methylnaphthalene        | 12.13 | 142 | 69130 | 2.137 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216 | 34745 | 1.908 | ng | 96     |
| 40) Hexachlorocyclopentadiene  | 12.48 | 237 | 15552 | 1.512 | ng | 96     |

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 ALS Vial : 20 Sample Multiplier: 1

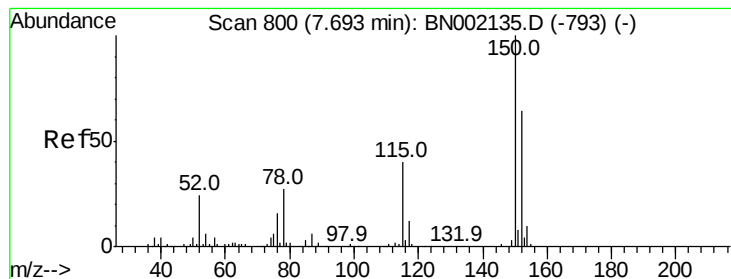
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Jul 26 08:55:45 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  | 19035    | 1.558 | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 12.83 | 196  | 21068    | 1.628 | ng    | # 93     |
| 45) 1,1'-Biphenyl              | 13.15 | 154  | 95134    | 1.996 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 13.19 | 162  | 70231    | 1.909 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.40 | 65   | 17989    | 1.520 | ng    | 96       |
| 48) Acenaphthylene             | 14.04 | 152  | 110149   | 1.974 | ng    | 97       |
| 49) Dimethylphthalate          | 13.78 | 163  | 86798    | 1.930 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.90 | 165  | 16603    | 1.661 | ng    | 90       |
| 51) Acenaphthene               | 14.39 | 154  | 67905    | 2.020 | ng    | 97       |
| 52) 3-Nitroaniline             | 14.24 | 138  | 14462    | 1.336 | ng    | # 84     |
| 53) 2,4-Dinitrophenol          | 14.45 | 184  | 3472     | 0.656 | ng    | # 80     |
| 54) Dibenzofuran               | 14.72 | 168  | 106903   | 1.961 | ng    | 97       |
| 55) 4-Nitrophenol              | 14.56 | 139  | 8713     | 1.048 | ng    | # 72     |
| 56) 2,4-Dinitrotoluene         | 14.70 | 165  | 20137    | 1.485 | ng    | 97       |
| 57) Fluorene                   | 15.37 | 166  | 84048    | 2.046 | ng    | 93       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 17748    | 1.595 | ng    | # 92     |
| 59) Diethylphthalate           | 15.15 | 149  | 81090    | 1.771 | ng    | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.37 | 204  | 42686    | 1.878 | ng    | 95       |
| 61) 4-Nitroaniline             | 15.40 | 138  | 15148    | 1.372 | ng    | 91       |
| 62) Azobenzene                 | 15.66 | 77   | 80637    | 1.836 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.46 | 198  | 7835     | 0.983 | ng    | 90       |
| 65) n-Nitrosodiphenylamine     | 15.59 | 169  | 69827    | 1.782 | ng    | 95       |
| 66) 4-Bromophenyl-phenylether  | 16.27 | 248  | 23994    | 1.736 | ng    | 93       |
| 67) Hexachlorobenzene          | 16.38 | 284  | 28717    | 1.878 | ng    | 100      |
| 68) Atrazine                   | 16.54 | 200  | 20597    | 1.561 | ng    | 98       |
| 69) Pentachlorophenol          | 16.73 | 266  | 8700     | 0.884 | ng    | 91       |
| 70) Phenanthrene               | 17.11 | 178  | 135147   | 2.097 | ng    | 99       |
| 71) Anthracene                 | 17.20 | 178  | 126120   | 1.977 | ng    | 96       |
| 72) Carbazole                  | 17.47 | 167  | 107283   | 1.676 | ng    | 96       |
| 73) Di-n-butylphthalate        | 18.05 | 149  | 107911   | 1.445 | ng    | 99       |
| 74) Fluoranthene               | 19.13 | 202  | 130932   | 1.871 | ng    | 98       |
| 76) Benzidine                  | 19.33 | 184  | 23782    | 0.742 | ng    | 97       |
| 77) Pyrene                     | 19.50 | 202  | 132833   | 1.959 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.41 | 149  | 39741    | 1.346 | ng    | 98       |
| 80) Benzo(a)anthracene         | 21.25 | 228  | 121678   | 2.030 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 21.19 | 252  | 25412    | 1.088 | ng    | 95       |
| 82) Chrysene                   | 21.30 | 228  | 119629   | 2.096 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 55083    | 1.338 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.07 | 149  | 87944    | 1.347 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.72 | 276  | 107756   | 1.937 | ng    | # 94     |
| 87) Benzo(b)fluoranthene       | 22.83 | 252  | 104696   | 1.986 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 22.83 | 252  | 104696   | 2.016 | ng    | 98       |
| 89) Benzo(a)pyrene             | 23.40 | 252  | 99628    | 2.023 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.73 | 278  | 91453    | 1.978 | ng    | # 97     |
| 91) Benzo(g,h,i)perylene       | 26.40 | 276  | 91768    | 2.054 | ng    | 98       |

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



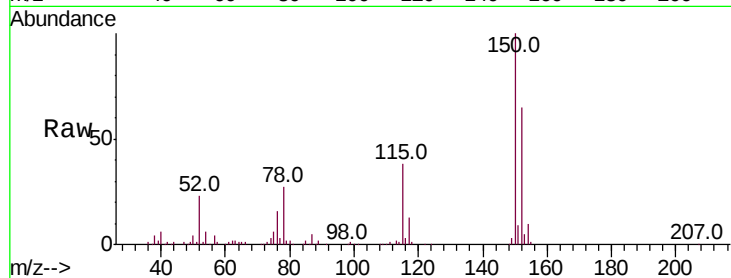


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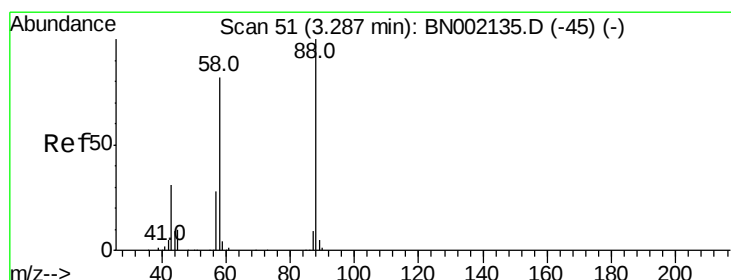
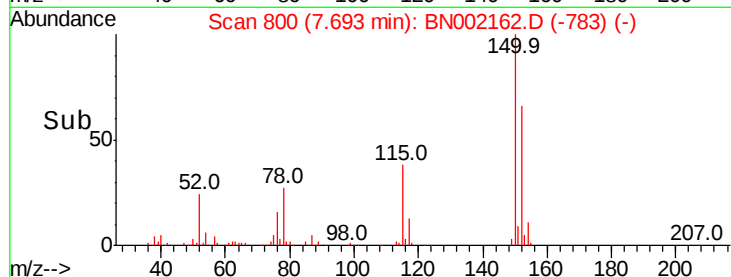
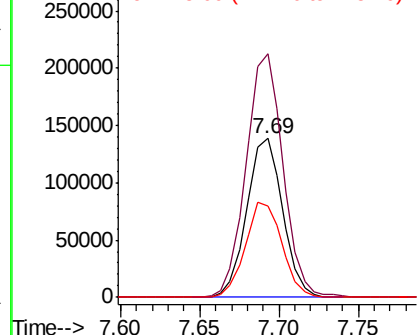
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.69 min Scan# 800  
Delta R.T. -0.00 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:152 Resp: 218232  
Ion Ratio Lower Upper  
152 100  
150 153.4 126.6 189.8  
115 57.8 53.0 79.4



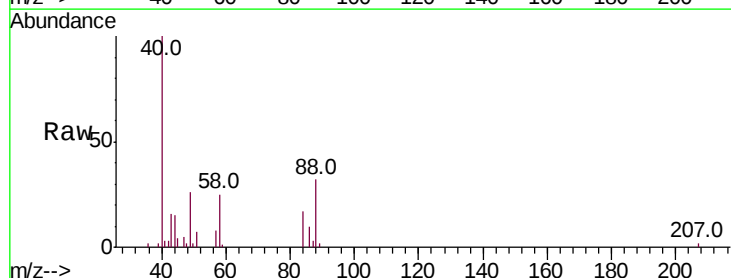
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



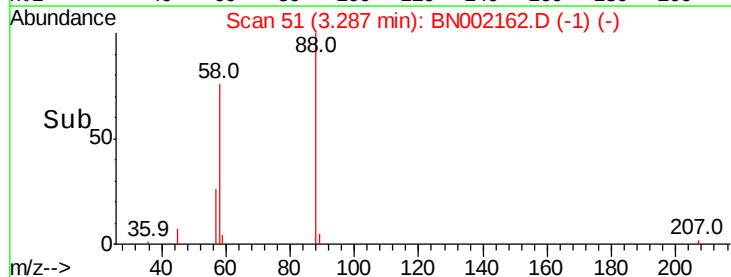
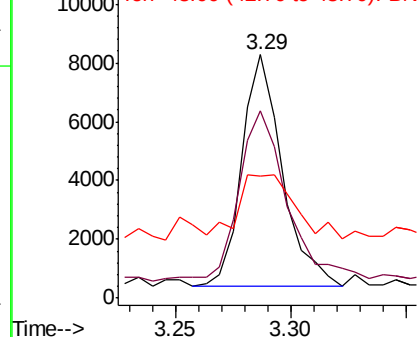
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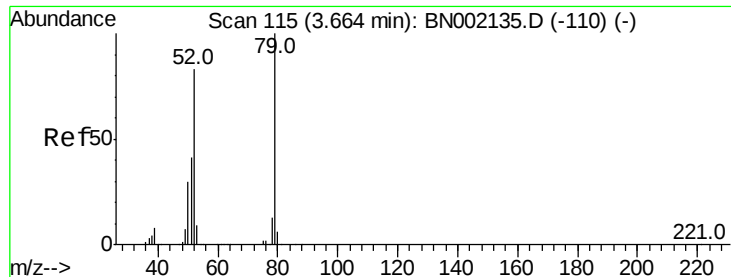
1,4-Dioxane  
Concen: 1.898 ng  
RT: 3.29 min Scan# 51  
Delta R.T. -0.00 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Tgt Ion: 88 Resp: 9660  
Ion Ratio Lower Upper  
88 100  
58 91.1 52.0 78.0#  
43 35.7 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

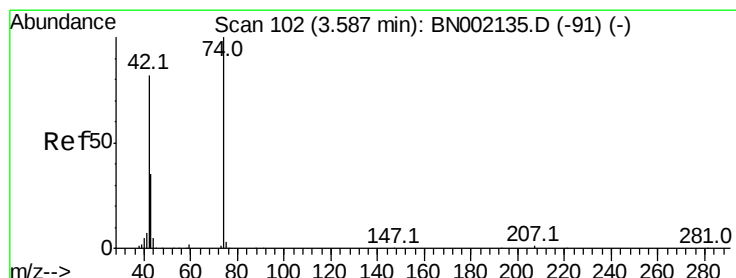
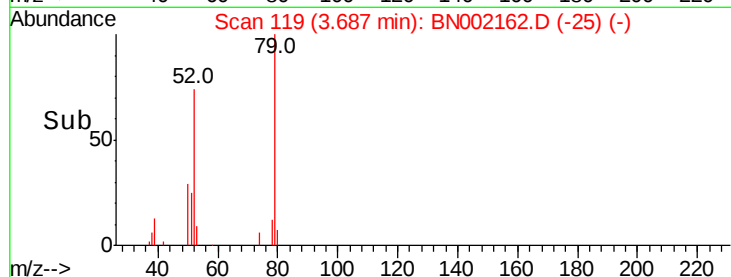
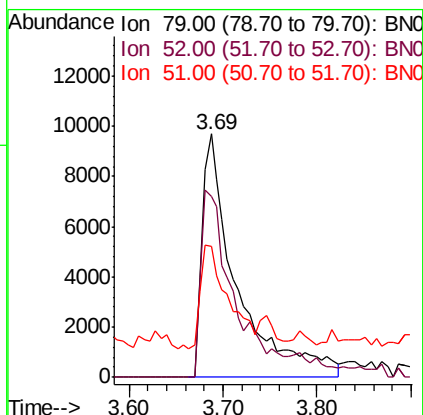
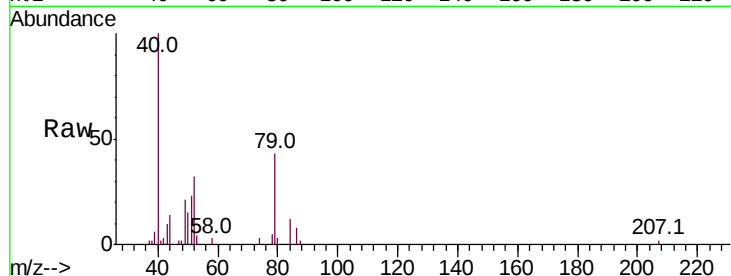




#3  
Pvridine  
Concen: 1.690 ng  
RT: 3.69 min Scan# 119  
Delta R.T. 0.02 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

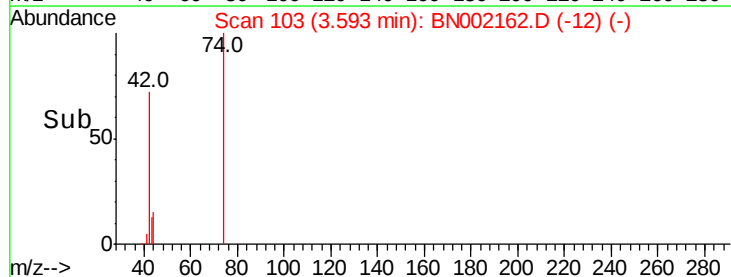
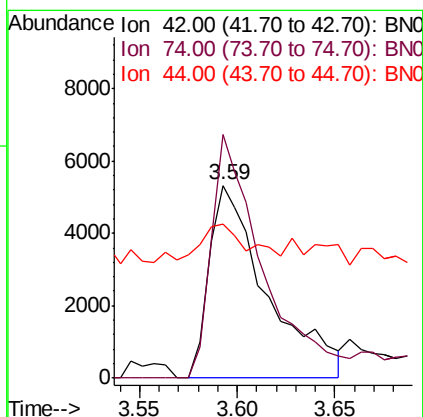
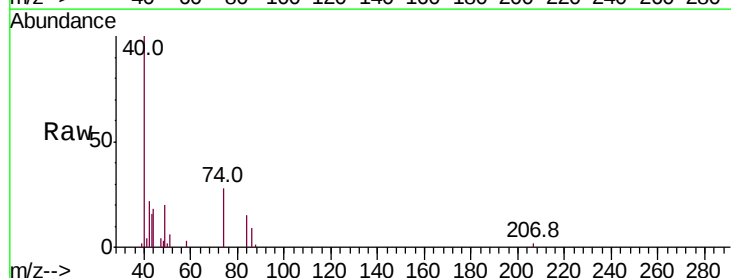
Instrument :  
BNA\_N  
ClientSampleId :

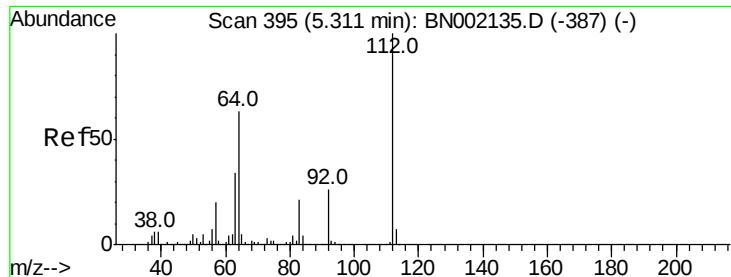
Tot Ion: 79 Resp: 24916  
Ion Ratio Lower Upper  
79 100  
52 74.3 44.0 66.0#  
51 53.8 24.0 36.0#



#4  
n-Nitrosodimethylamine  
Concen: 1.721 ng  
RT: 3.59 min Scan# 103  
Delta R.T. 0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Tgt Ion: 42 Resp: 10883  
Ion Ratio Lower Upper  
42 100  
74 126.3 128.0 192.0#  
44 80.0 12.0 18.0#





#5

2-Fluorophenol

Concen: 123.285 ng

RT: 5.30 min Scan# 394

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampled :

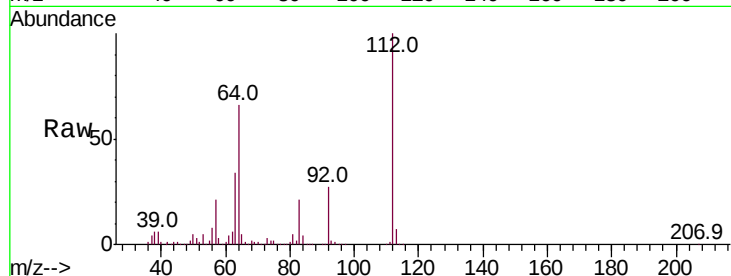
Tot Ion:112 Resp: 1671169

Ion Ratio Lower Upper

112 100

64 65.8 56.3 84.5

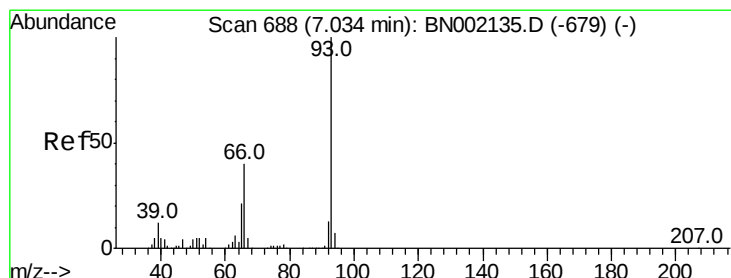
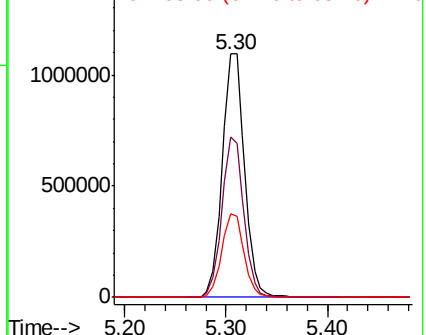
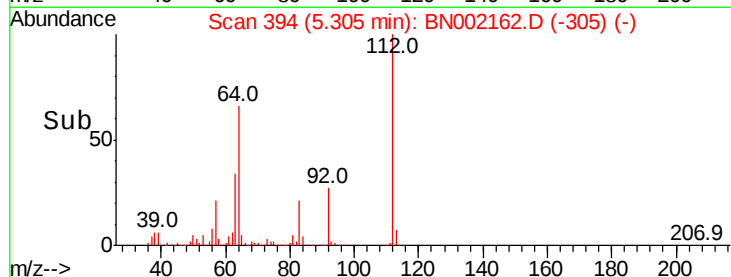
63 34.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNO

Ion 63.00 (62.70 to 63.70): BNO



#6

Aniline

Concen: 1.298 ng

RT: 7.03 min Scan# 687

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

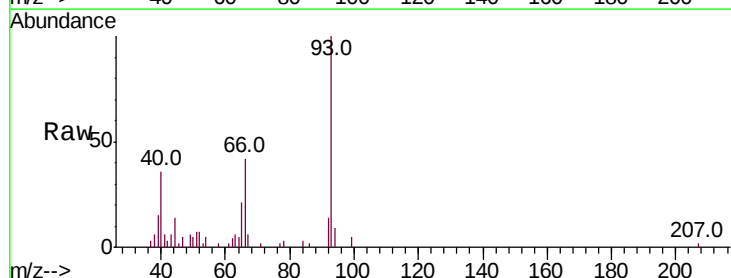
Tgt Ion: 93 Resp: 30161

Ion Ratio Lower Upper

93 100

66 42.0 33.7 50.5

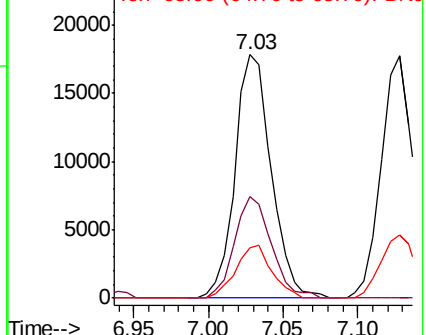
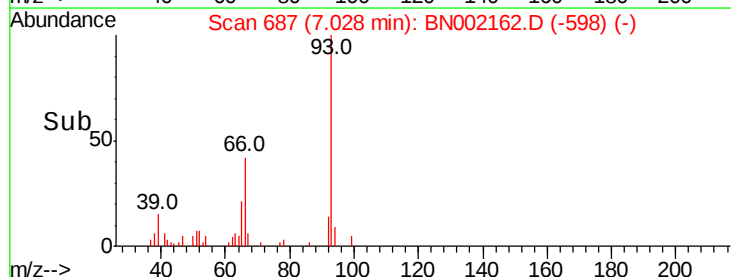
65 20.6 16.1 24.1

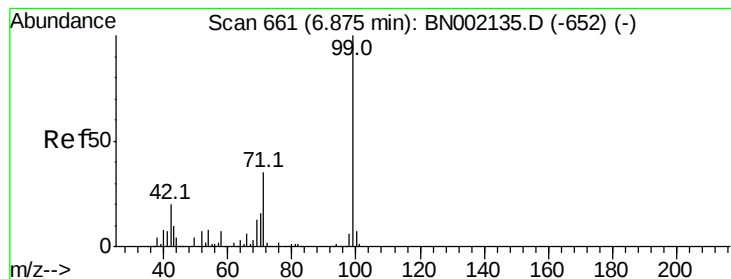


Abundance Ion 93.00 (92.70 to 93.70): BNO

Ion 66.00 (65.70 to 66.70): BNO

Ion 65.00 (64.70 to 65.70): BNO





#7

Phenol-d6

Concen: 119.663 ng

RT: 6.88 min Scan# 661

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

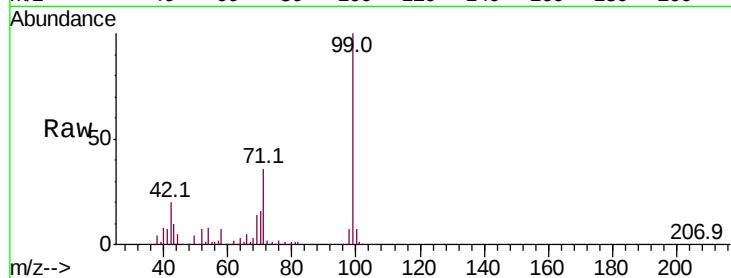
Tot Ion: 99 Resp: 2276302

Ion Ratio Lower Upper

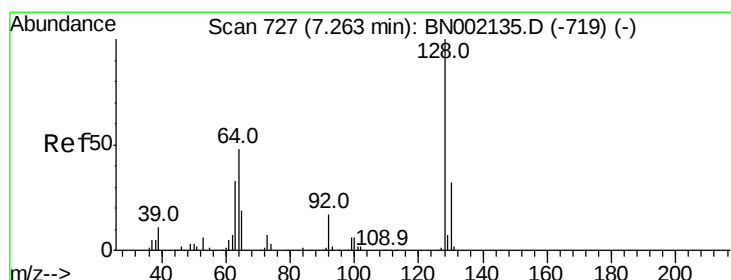
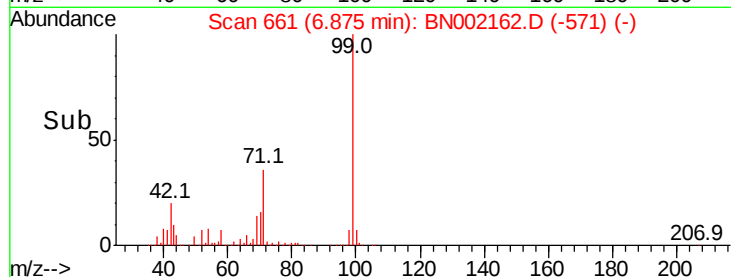
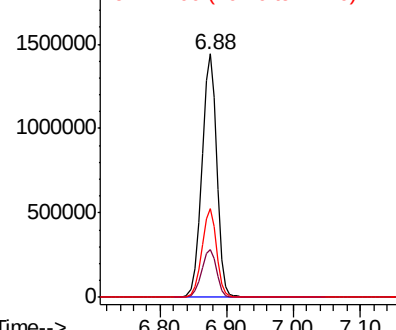
99 100

42 19.8 14.1 21.1

71 36.4 26.1 39.1



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



#8

2-Chlorophenol

Concen: 1.845 ng

RT: 7.26 min Scan# 727

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

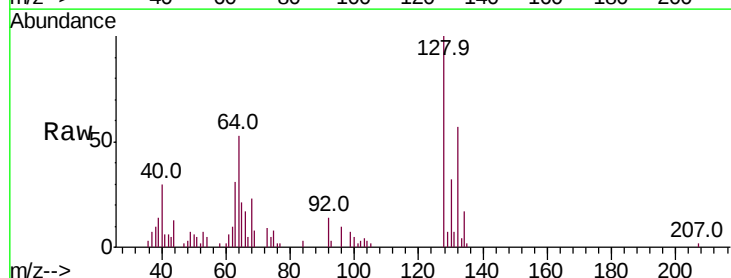
Tgt Ion:128 Resp: 29006

Ion Ratio Lower Upper

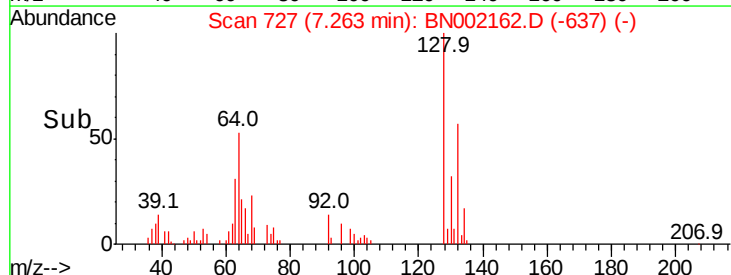
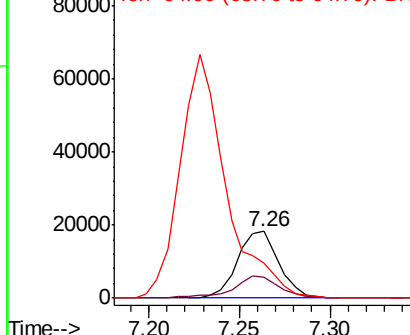
128 100

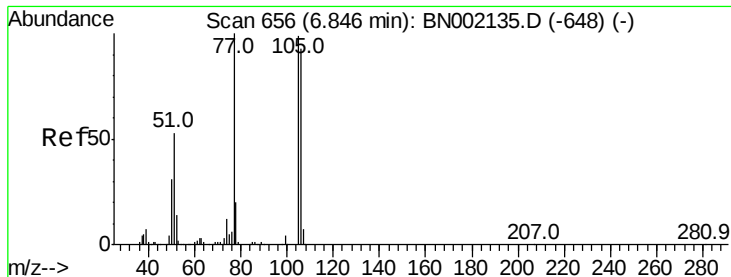
130 32.0 14.0 54.0

64 53.0 37.7 77.7



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





#9

Benzaldehyde

Concen: 2.446 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampled :

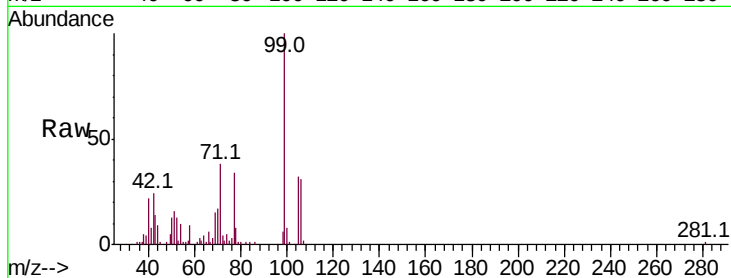
Tot Ion: 77 Resp: 28661

Ion Ratio Lower Upper

77 100

105 96.5 71.3 111.3

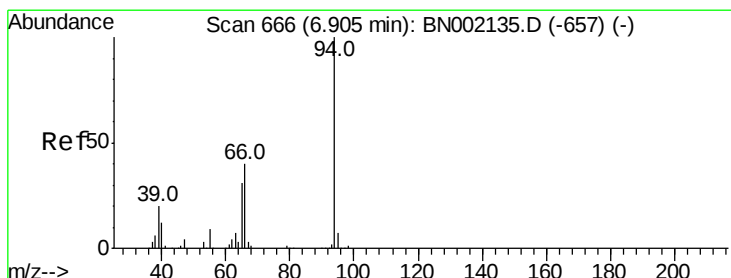
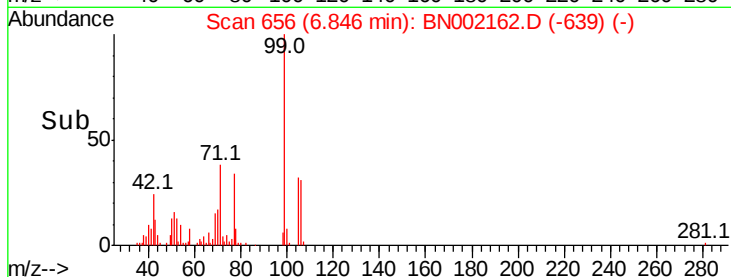
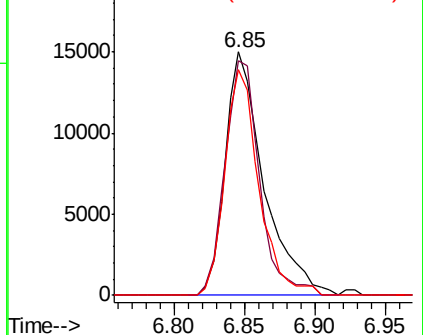
106 92.7 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BNC

Ion 105.00 (104.70 to 105.70): BNC

Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 1.889 ng

RT: 6.90 min Scan# 665

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

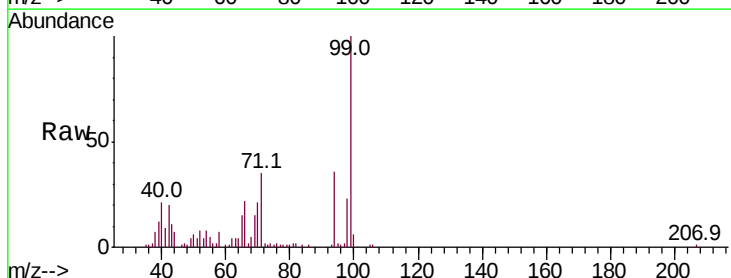
Tgt Ion: 94 Resp: 36839

Ion Ratio Lower Upper

94 100

65 40.3 11.9 51.9

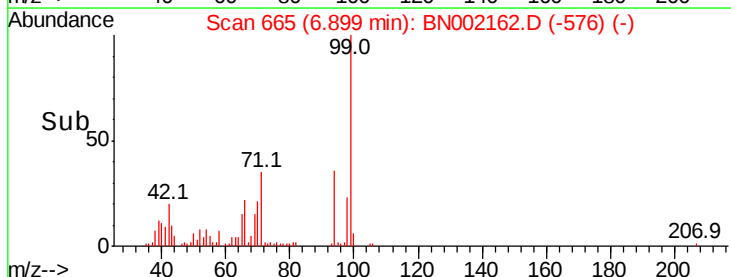
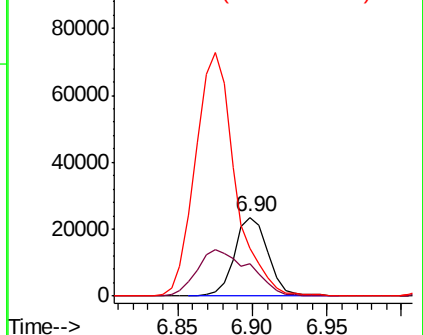
66 61.3 22.2 62.2

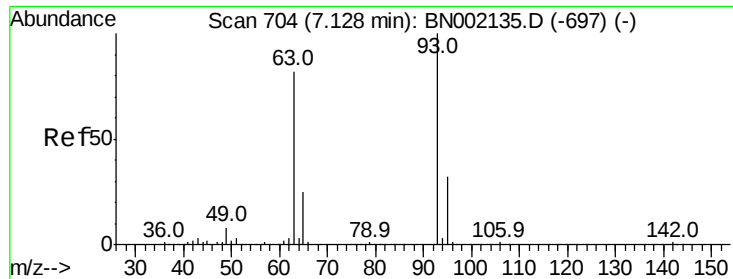


Abundance Ion 94.00 (93.70 to 94.70): BNC

Ion 65.00 (64.70 to 65.70): BNC

Ion 66.00 (65.70 to 66.70): BNC





#11

bis(2-Chloroethyl)ether

Concen: 1.762 ng

RT: 7.13 min Scan# 704

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

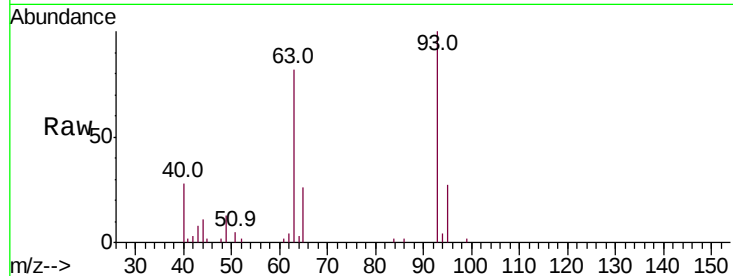
Tot Ion: 93 Resp: 27969

Ion Ratio Lower Upper

93 100

63 82.3 67.1 107.1

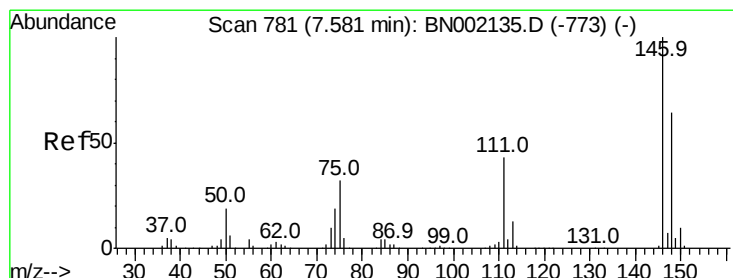
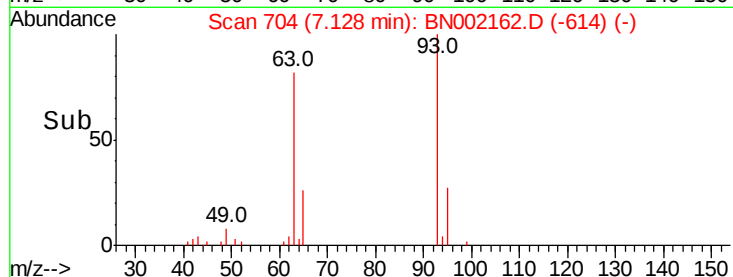
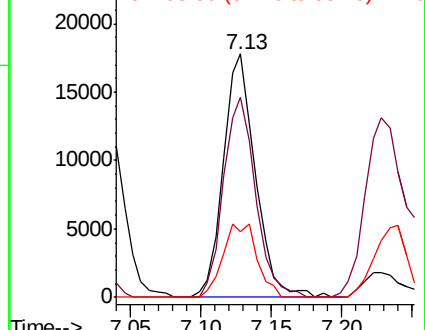
95 26.9 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BN002135.D (-697) (-)

Ion 63.00 (62.70 to 63.70): BN002135.D (-697) (-)

Ion 95.00 (94.70 to 95.70): BN002135.D (-697) (-)



#12

1,3-Dichlorobenzene

Concen: 1.795 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

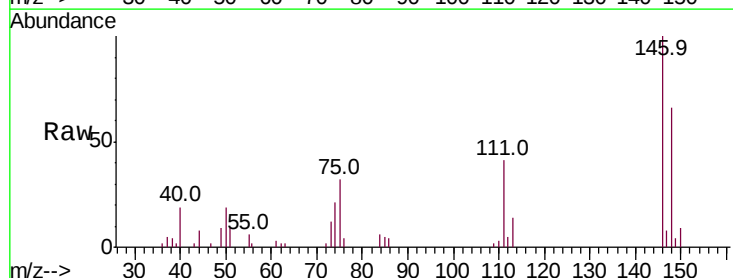
Tgt Ion: 146 Resp: 32150

Ion Ratio Lower Upper

146 100

148 65.5 51.4 77.2

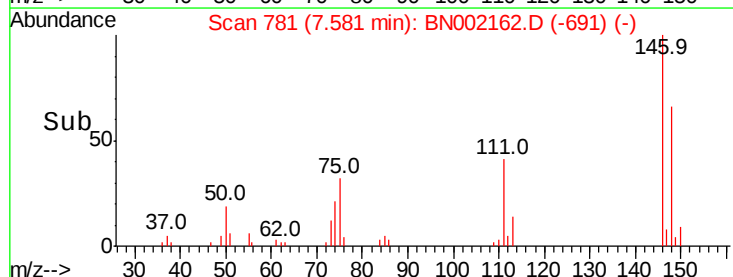
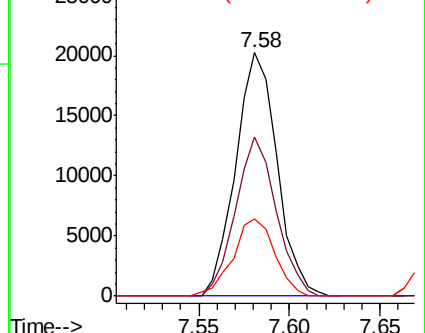
75 31.6 26.6 39.8

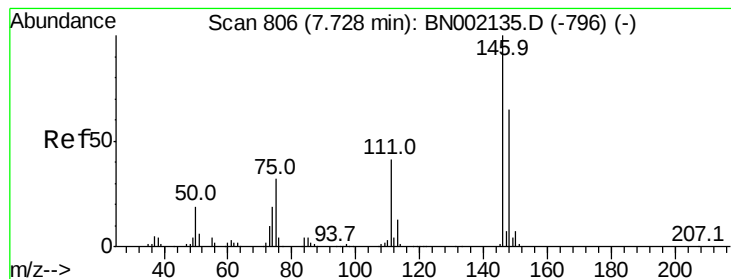


Abundance Ion 146.00 (145.70 to 146.70): BN002135.D (-773) (-)

Ion 148.00 (147.70 to 148.70): BN002135.D (-773) (-)

Ion 75.00 (74.70 to 75.70): BN002135.D (-773) (-)





#13

1,4-Dichlorobenzene

Concen: 1.822 ng

RT: 7.72 min Scan# 805

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampled :

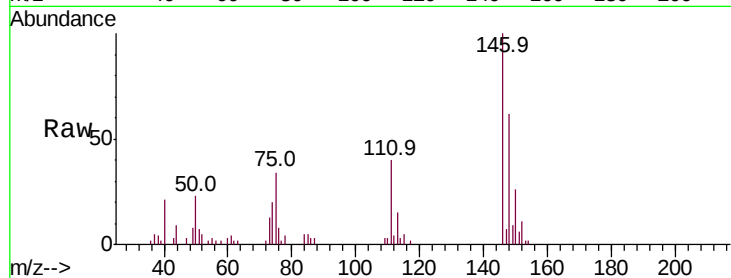
Tot Ion:146 Resp: 33392

Ion Ratio Lower Upper

146 100

148 61.8 53.7 80.5

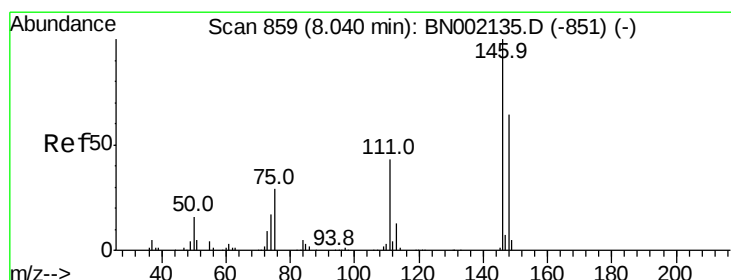
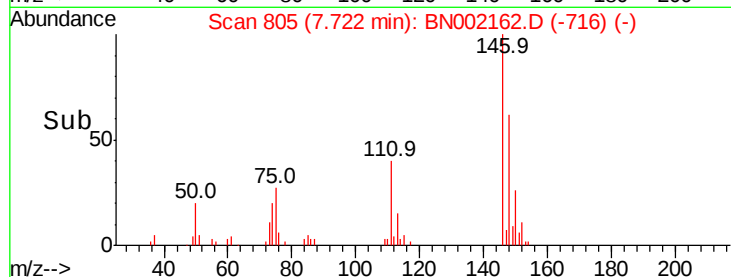
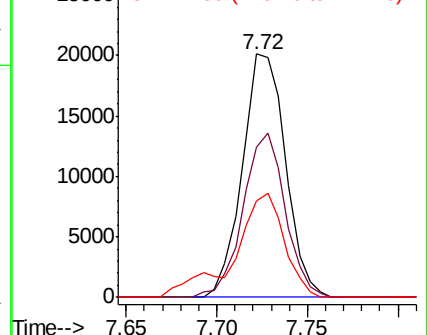
111 39.6 35.2 52.8



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: 1.837 ng

RT: 8.04 min Scan# 859

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

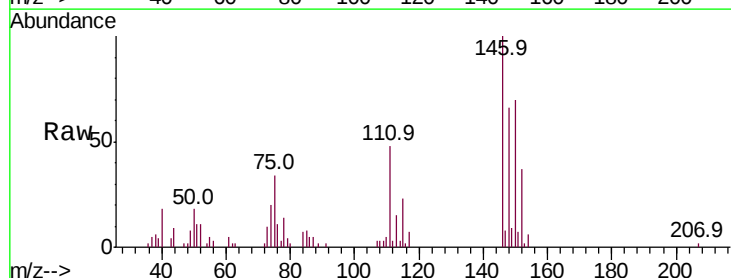
Tgt Ion:146 Resp: 32477

Ion Ratio Lower Upper

146 100

148 65.9 49.3 73.9

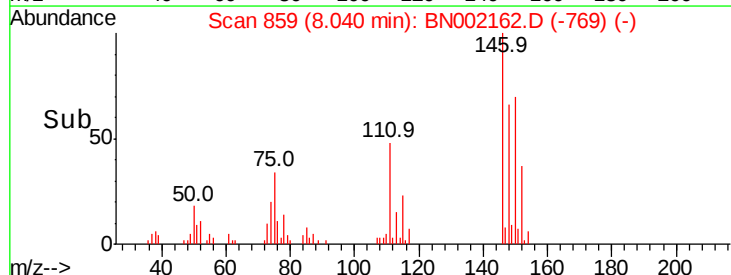
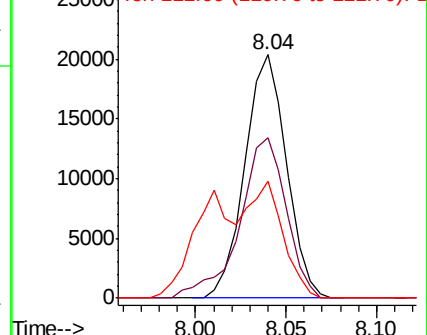
111 47.9 34.3 51.5

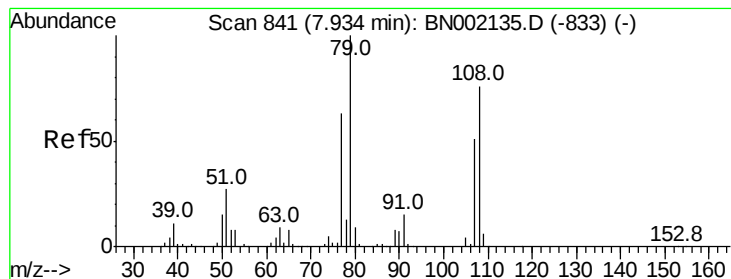


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.167 ng

RT: 7.93 min Scan# 841

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampled :

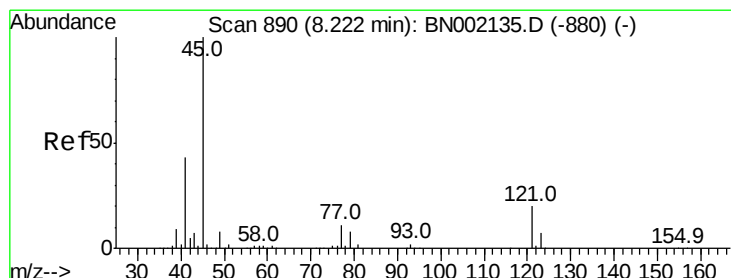
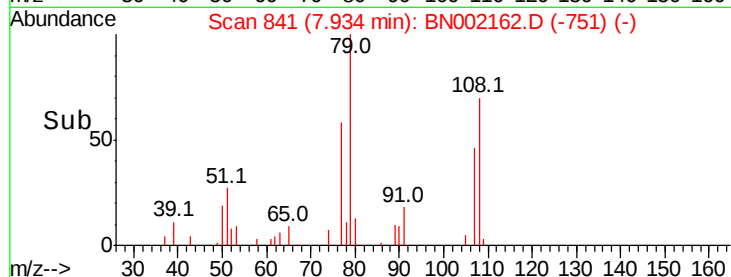
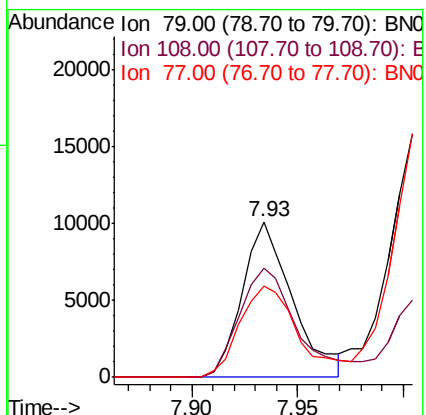
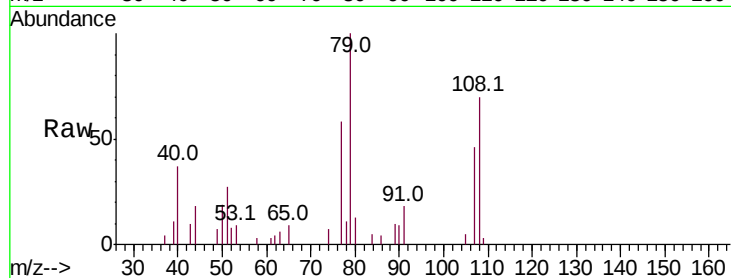
Tot Ion: 79 Resp: 16754

Ion Ratio Lower Upper

79 100

108 70.3 57.2 85.8

77 58.3 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 1.884 ng

RT: 8.21 min Scan# 888

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

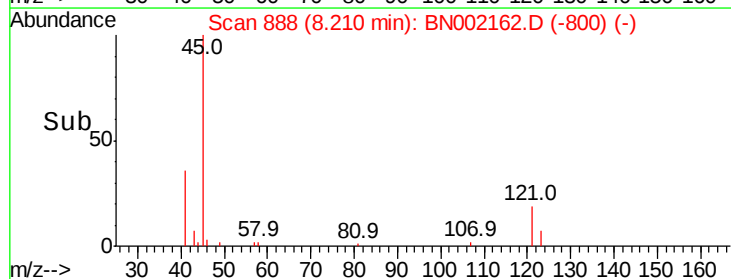
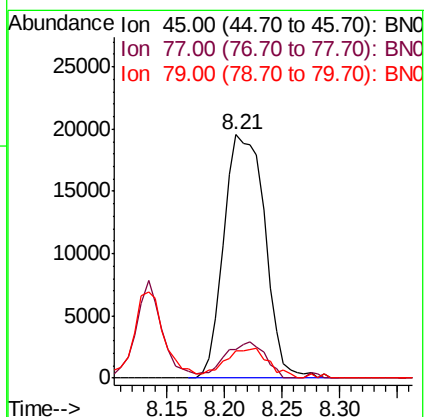
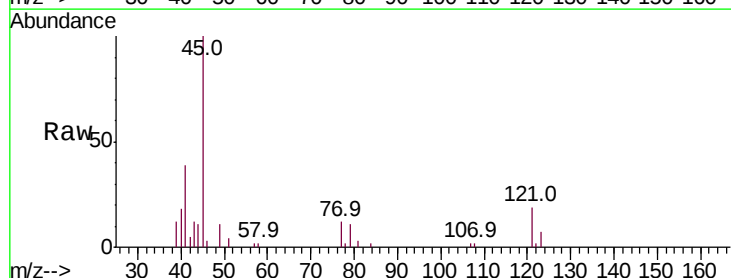
Tgt Ion: 45 Resp: 48274

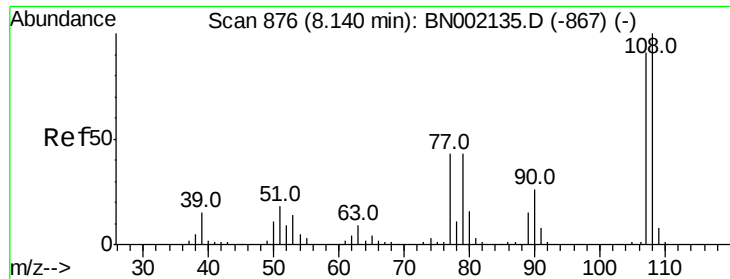
Ion Ratio Lower Upper

45 100

77 11.8 0.0 30.2

79 11.4 0.0 27.9

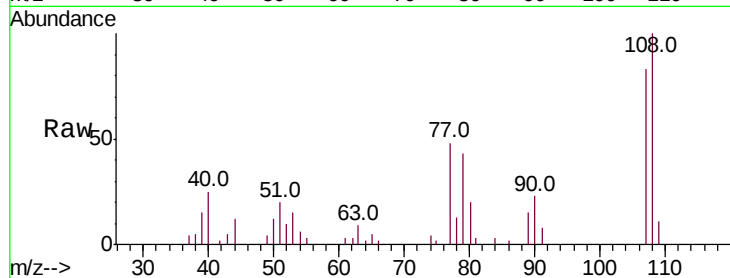




#17  
2-Methylphenol  
Concen: 1.797 ng  
RT: 8.13 min Scan# 875  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 120.4 | 83.9  | 125.9 |
| 77      | 57.4  | 37.2  | 55.8  |
| 79      | 51.3  | 36.2  | 54.2  |



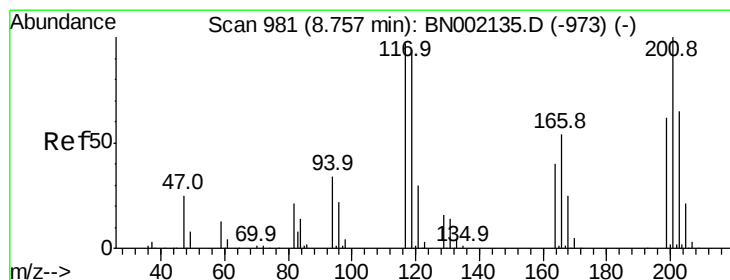
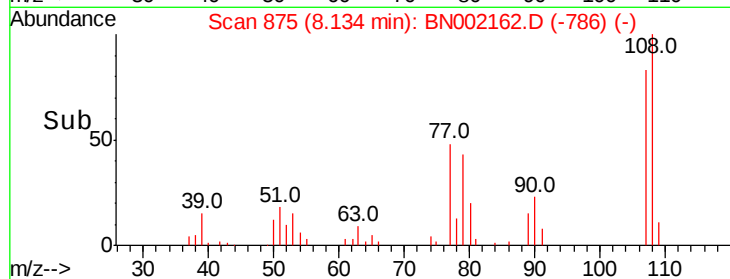
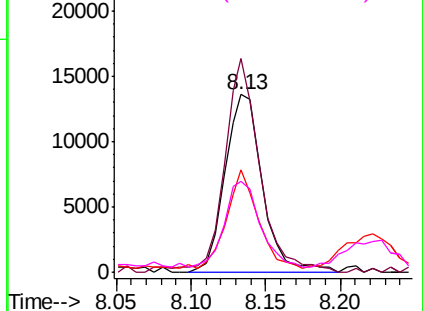
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

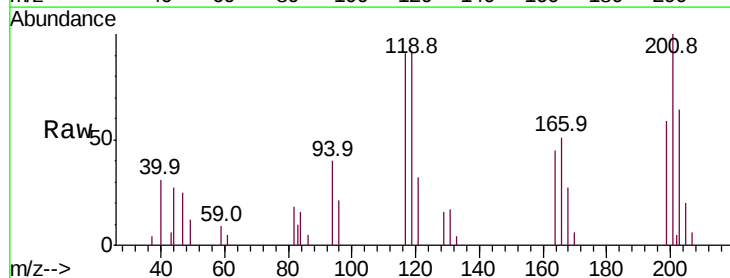
Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#18  
Hexachloroethane  
Concen: 1.809 ng  
RT: 8.76 min Scan# 981  
Delta R.T. -0.00 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 100.2 | 76.7  | 115.1 |
| 201     | 109.3 | 95.7  | 143.5 |

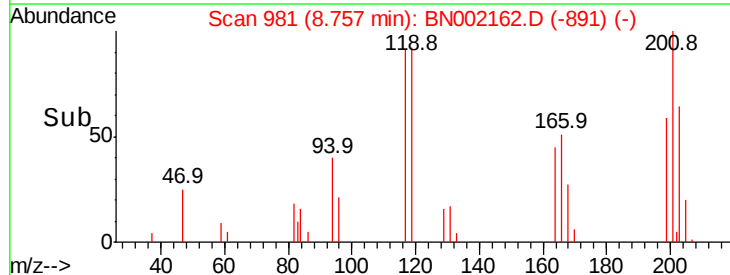
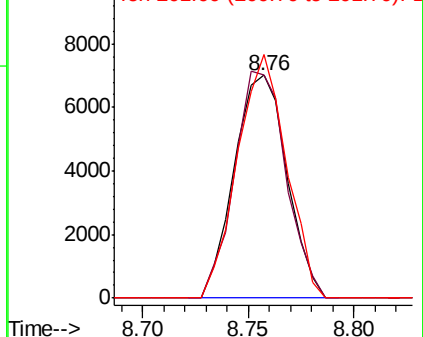


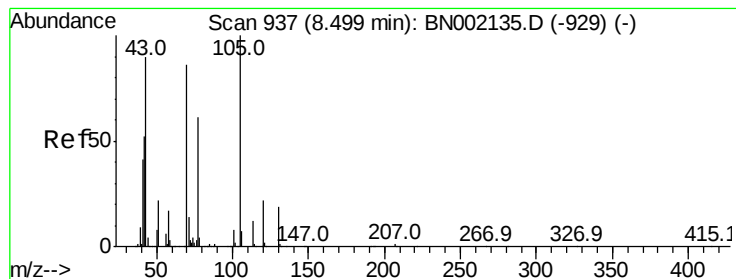
Abundance

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: 1.684 ng

RT: 8.49 min Scan# 935

Delta R.T. -0.01 min

Lab File: BN002162.D

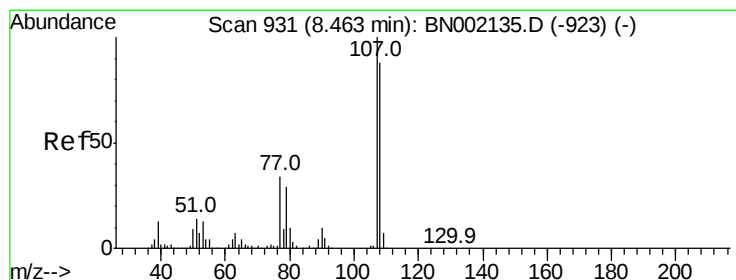
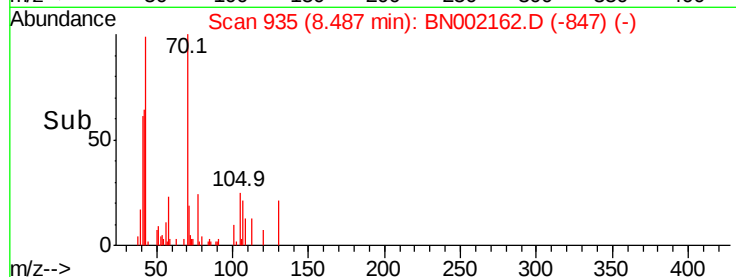
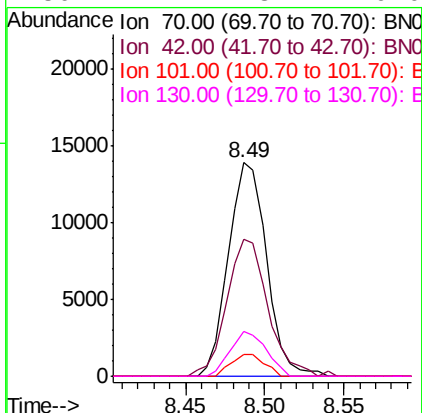
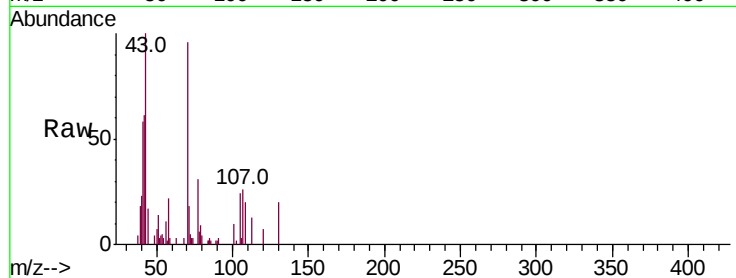
Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 70    | Resp: | 23242 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 63.9  | 49.1  | 73.7  |
| 101      | 10.3  | 8.5   | 12.7  |
| 130      | 21.1  | 13.4  | 20.0# |



#20

3+4-Methylphenols

Concen: 1.661 ng

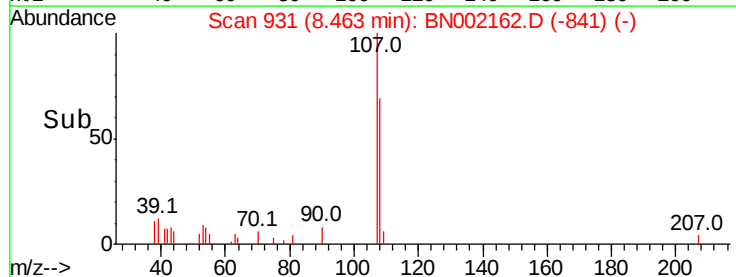
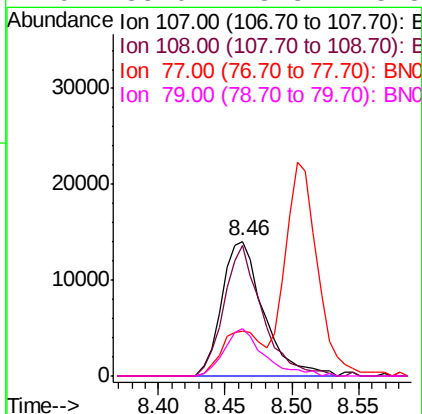
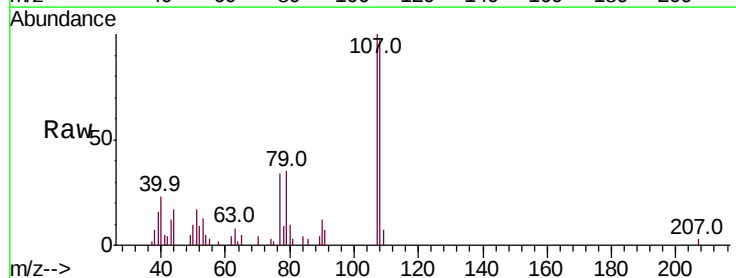
RT: 8.46 min Scan# 931

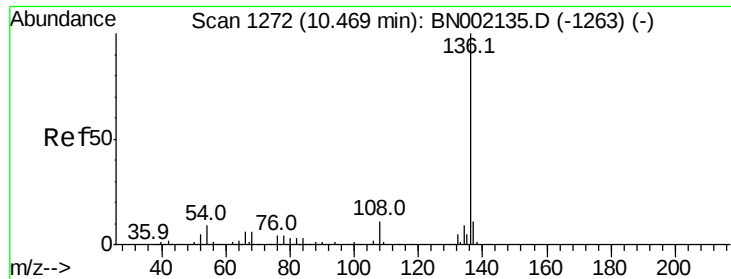
Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 30853 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 97.0  | 61.6  | 101.6 |
| 77       | 33.8  | 13.9  | 53.9  |
| 79       | 35.0  | 8.8   | 48.8  |

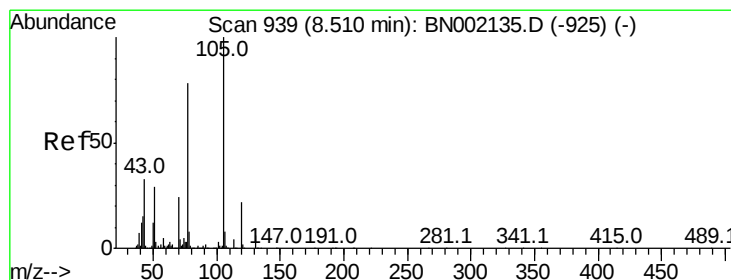
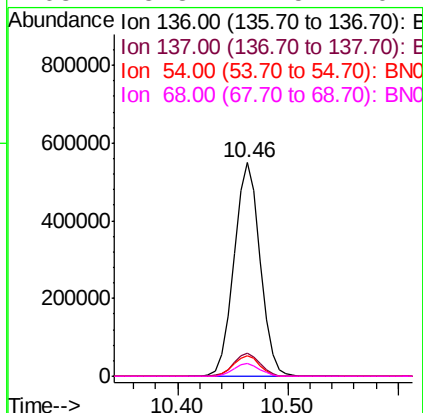
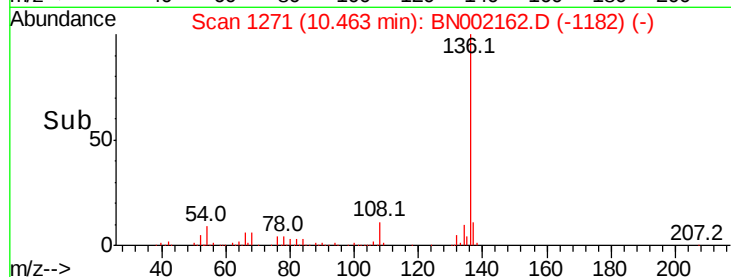
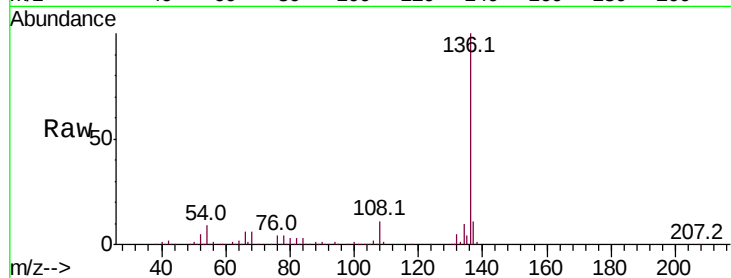




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.46 min Scan# 1271  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

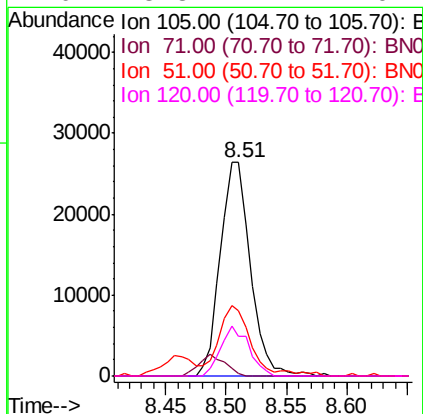
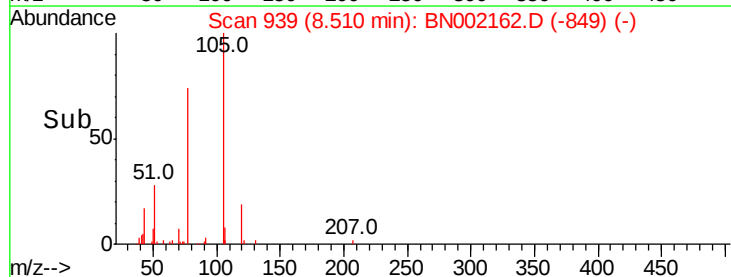
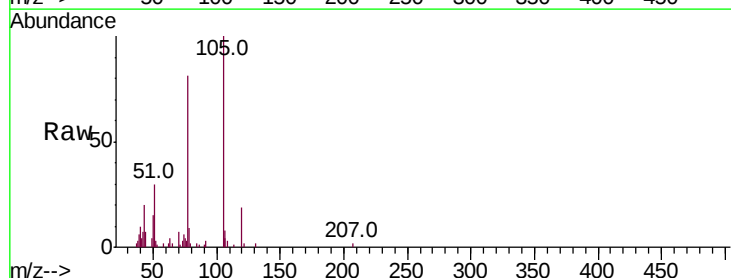
Instrument :  
BNA\_N  
ClientSampleId :

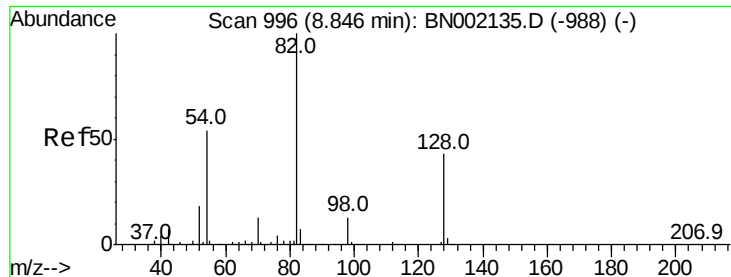
|             |       |            |
|-------------|-------|------------|
| Tot Ion:136 | Resp: | 908864     |
| Ion Ratio   | Lower | Upper      |
| 136         | 100   |            |
| 137         | 10.8  | 9.2 13.8   |
| 54          | 9.5   | 10.3 15.5# |
| 68          | 5.8   | 4.5 6.7    |



#22  
Acetophenone  
Concen: 1.945 ng  
RT: 8.51 min Scan# 939  
Delta R.T. -0.00 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 45844     |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 1.4   | 3.0 4.4#  |
| 51          | 30.4  | 26.1 39.1 |
| 120         | 18.8  | 17.4 26.2 |





#23

Nitrobenzene-d5

Concen: 88.363 ng

RT: 8.84 min Scan# 995

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

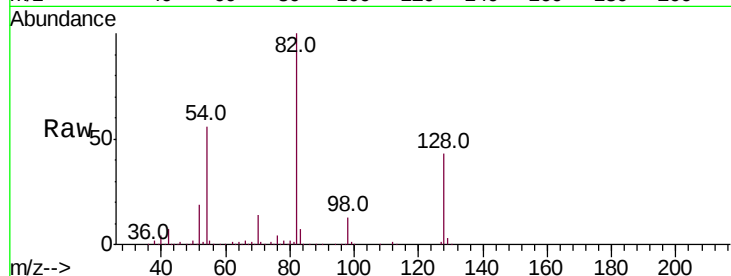
Tot Ion: 82 Resp: 1566009

Ion Ratio Lower Upper

82 100

128 42.6 29.7 44.5

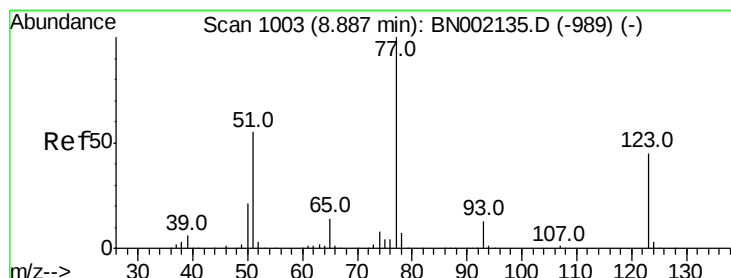
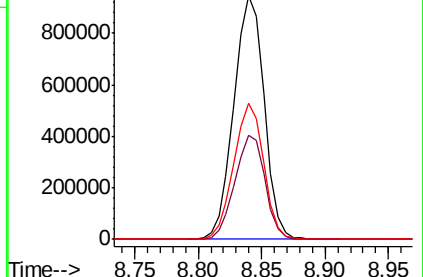
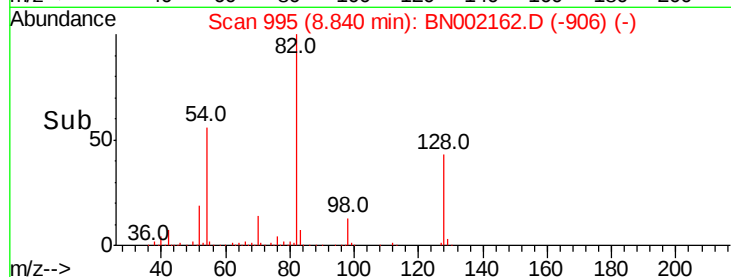
54 55.8 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BN002135.D (-988) (-)

Ion 128.00 (127.70 to 128.70): BN002135.D (-988) (-)

Ion 54.00 (53.70 to 54.70): BN002135.D (-988) (-)



#24

Nitrobenzene

Concen: 1.980 ng

RT: 8.88 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

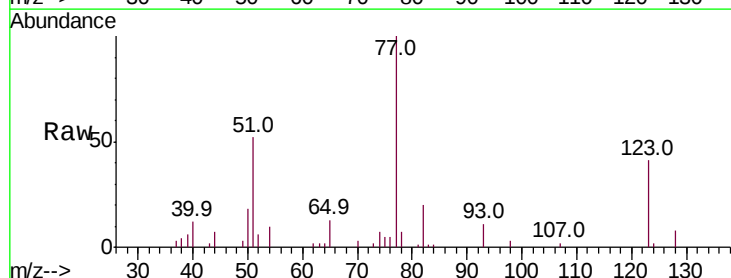
Tgt Ion: 77 Resp: 36370

Ion Ratio Lower Upper

77 100

123 40.7 33.0 49.6

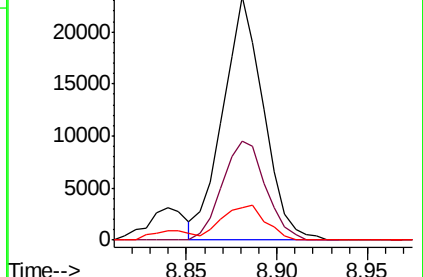
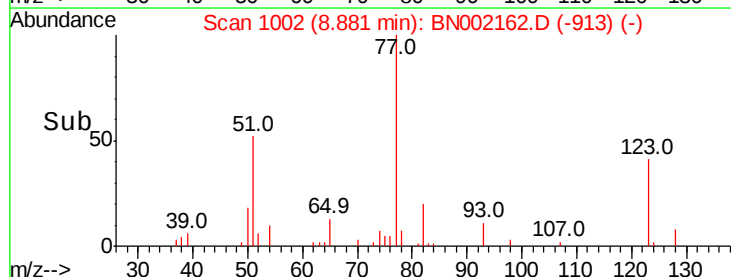
65 13.5 13.0 19.6

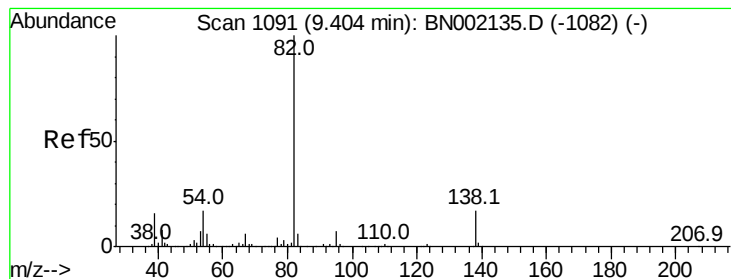


Abundance Ion 77.00 (76.70 to 77.70): BN002135.D (-989) (-)

Ion 123.00 (122.70 to 123.70): BN002135.D (-989) (-)

Ion 65.00 (64.70 to 65.70): BN002135.D (-989) (-)





#25

Isophorone

Concen: 1.984 ng

RT: 9.40 min Scan# 1090

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

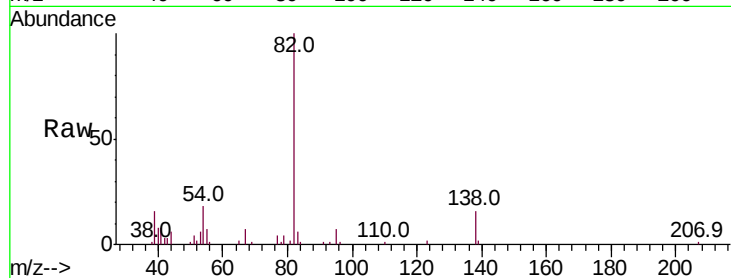
Tot Ion: 82 Resp: 60365

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

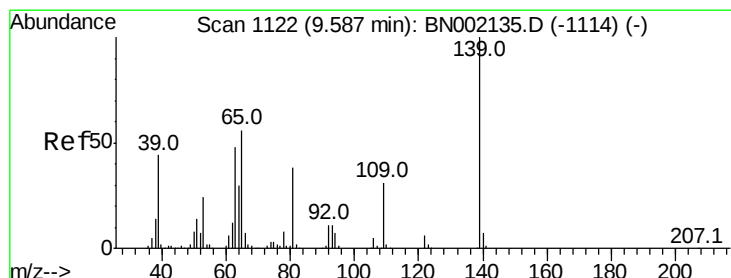
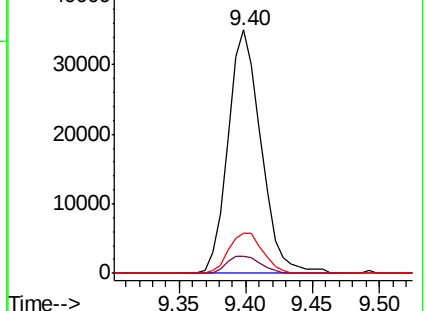
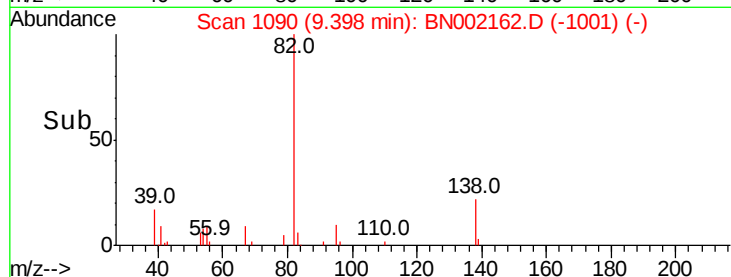
138 16.4 12.1 18.1



Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 138.00 (137.70 to 138.70): BNC



#26

2-Nitrophenol

Concen: 1.473 ng

RT: 9.59 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

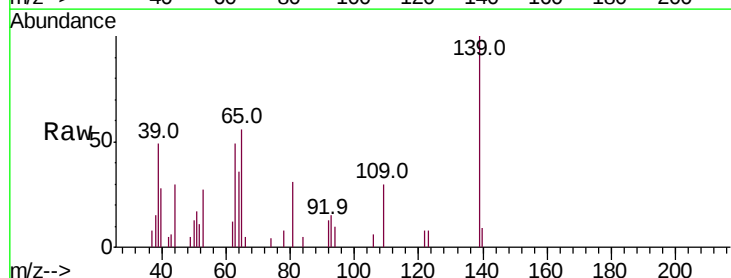
Tgt Ion: 139 Resp: 13071

Ion Ratio Lower Upper

139 100

109 29.7 24.2 36.2

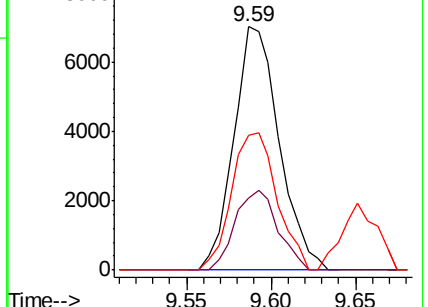
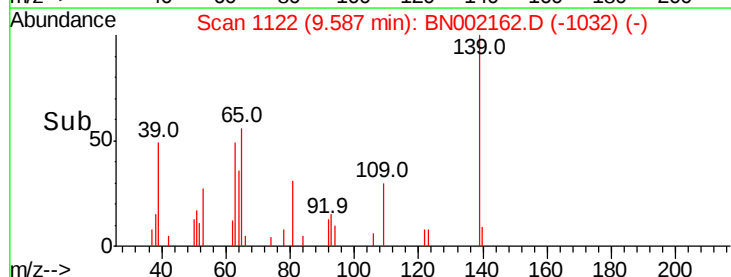
65 55.6 47.4 71.0

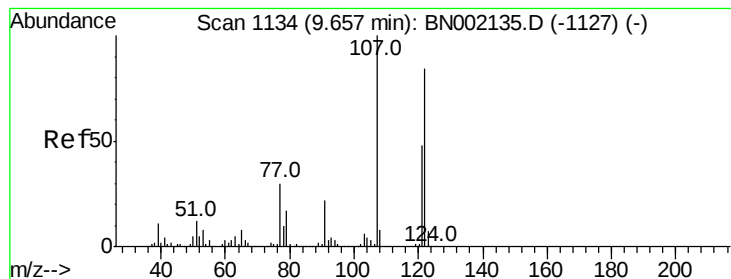


Abundance Ion 139.00 (138.70 to 139.70): BNC

Ion 109.00 (108.70 to 109.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#27

2,4-Dimethylphenol

Concen: 1.953 ng

RT: 9.65 min Scan# 1133

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampled :

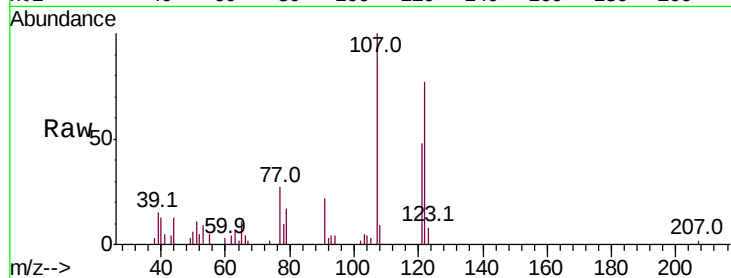
Tot Ion:122 Resp: 24101

Ion Ratio Lower Upper

122 100

107 130.1 100.2 150.2

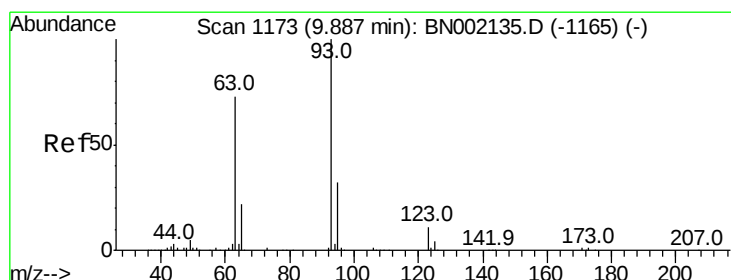
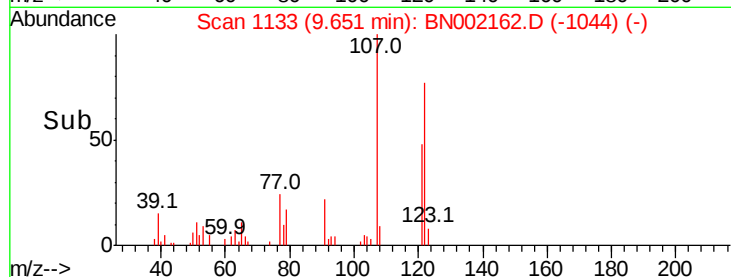
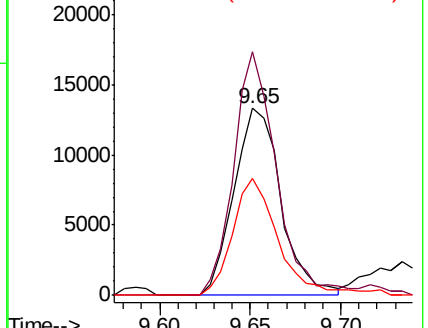
121 62.5 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.012 ng

RT: 9.89 min Scan# 1173

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

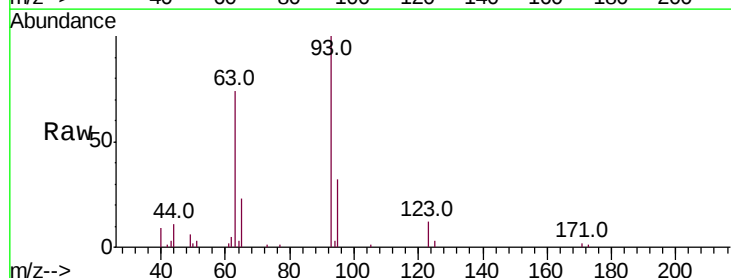
Tgt Ion: 93 Resp: 39556

Ion Ratio Lower Upper

93 100

95 32.0 24.3 36.5

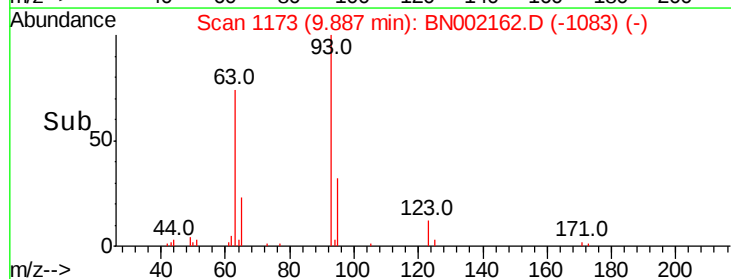
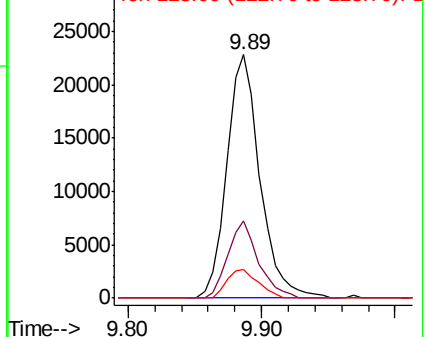
123 11.6 8.4 12.6

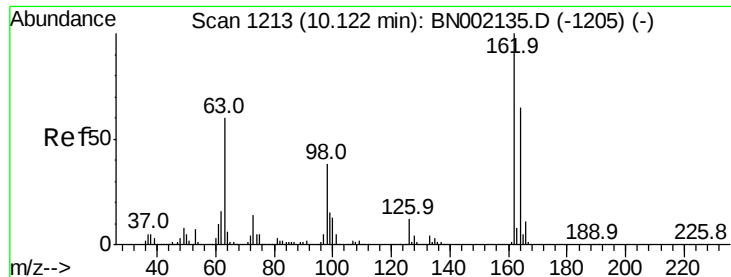


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

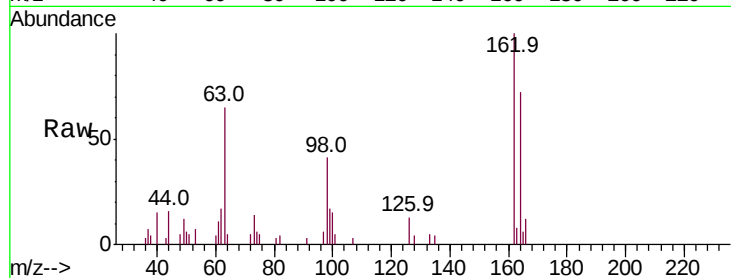




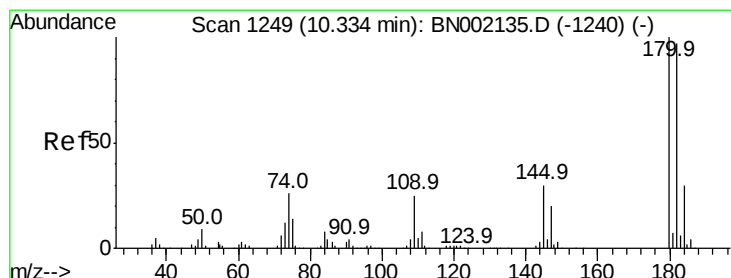
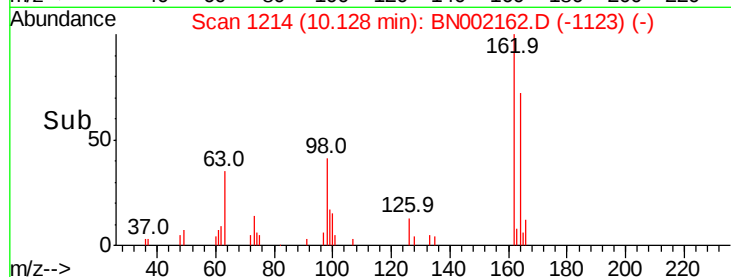
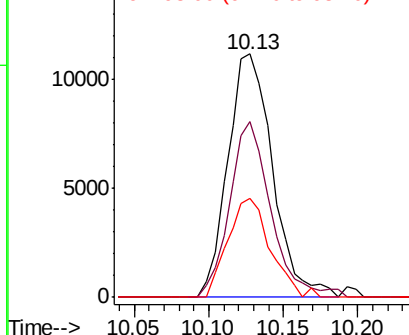
#29  
2,4-Dichlorophenol  
Concen: 1.626 ng  
RT: 10.13 min Scan# 1214  
Delta R.T. 0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:162 Resp: 23392  
Ion Ratio Lower Upper  
162 100  
164 72.0 48.0 88.0  
98 40.8 21.1 61.1

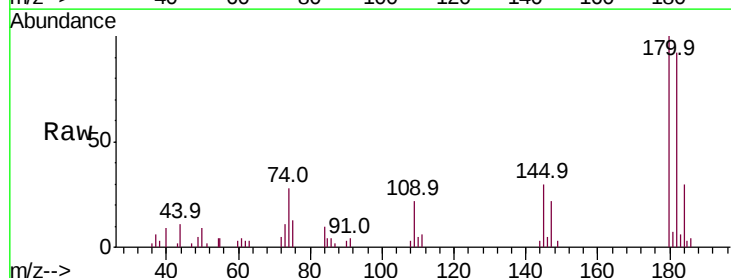


Abundance Ion 162.00 (161.70 to 162.70): E  
15000 Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BNC

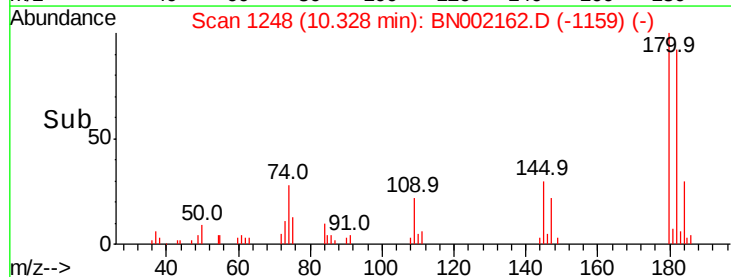
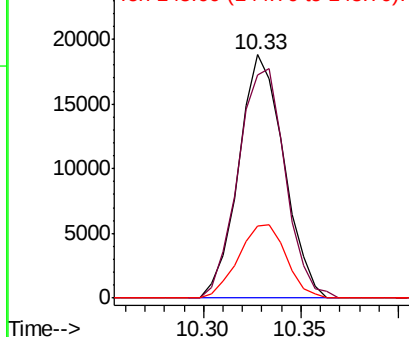


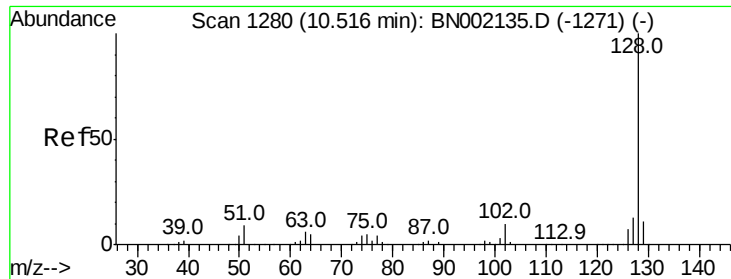
#30  
1,2,4-Trichlorobenzene  
Concen: 1.853 ng  
RT: 10.33 min Scan# 1248  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Tgt Ion:180 Resp: 30196  
Ion Ratio Lower Upper  
180 100  
182 91.8 77.5 116.3  
145 29.6 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E  
25000 Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

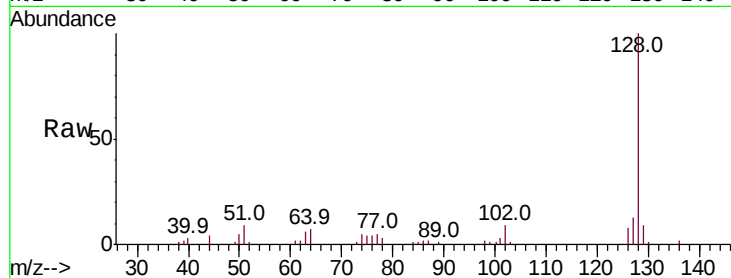




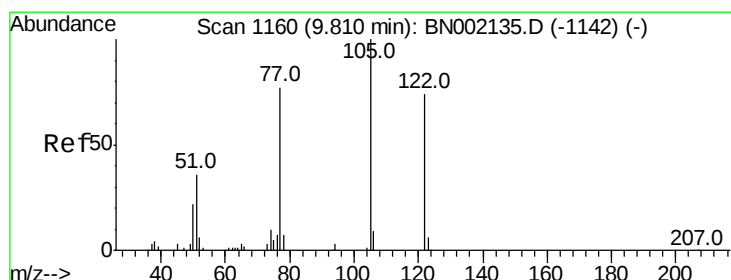
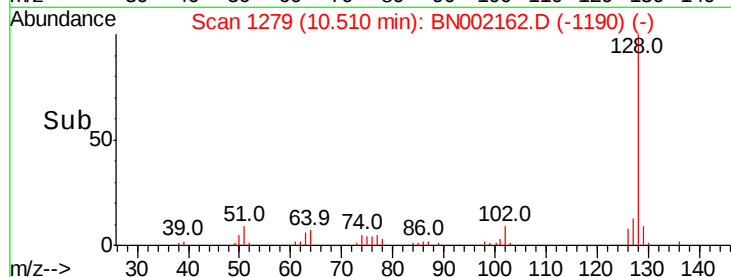
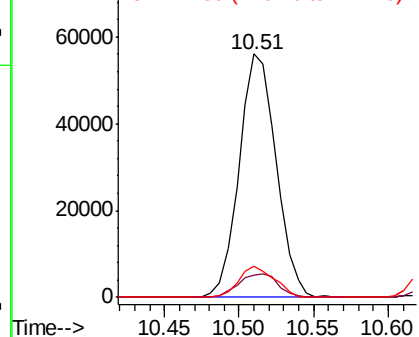
#31  
Naphthalene  
Concen: 2.096 ng  
RT: 10.51 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 9.2   | 8.6   | 12.8  |
| 127     | 13.0  | 11.6  | 17.4  |

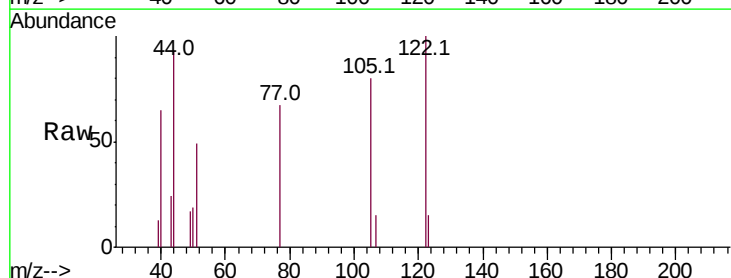


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

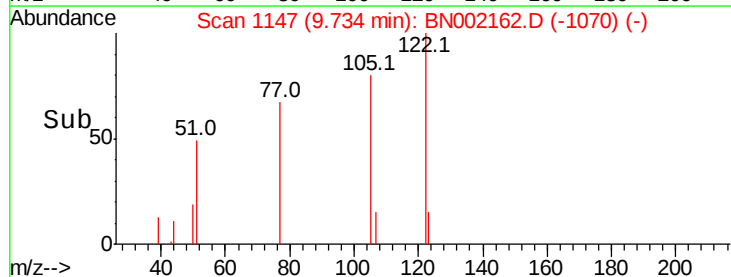
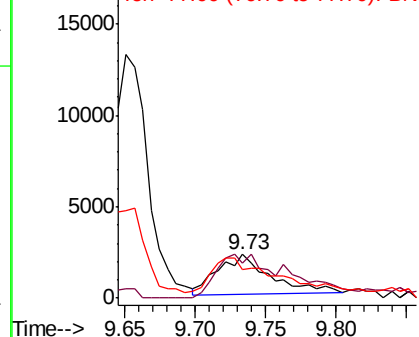


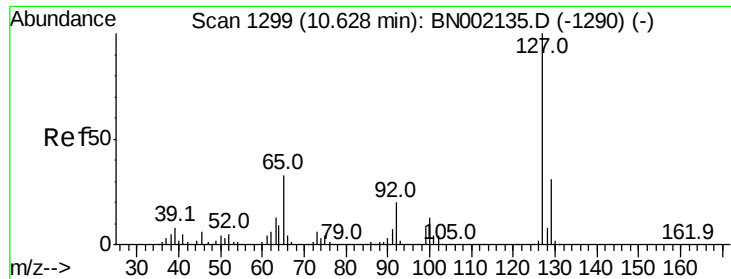
#32  
Benzoic acid  
Concen: 0.524 ng  
RT: 9.73 min Scan# 1147  
Delta R.T. -0.08 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 105     | 80.0  | 123.5 | 163.5# |
| 77      | 66.9  | 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): BNO

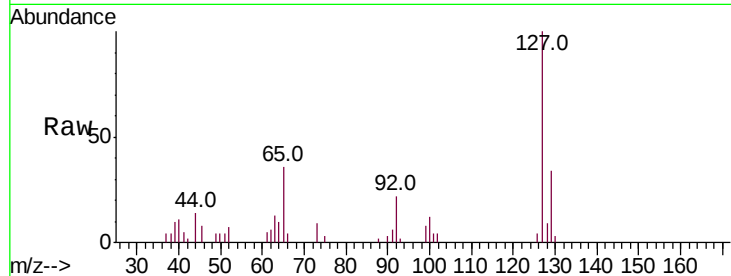




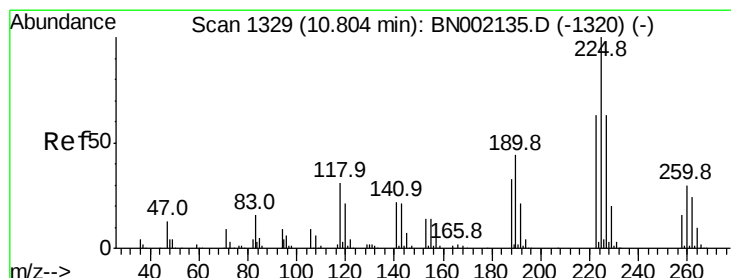
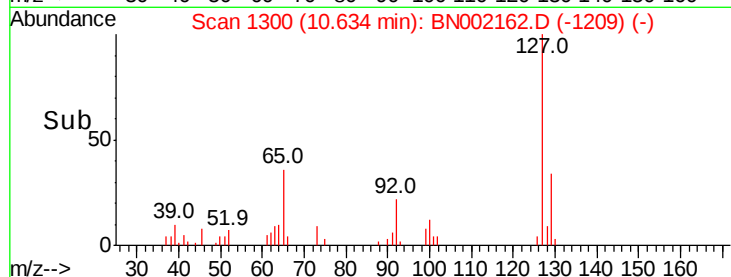
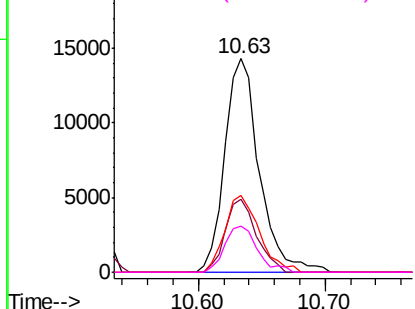
#33  
4-Chloroaniline  
Concen: 1.321 ng  
RT: 10.63 min Scan# 1300  
Delta R.T. 0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 26957 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 34.2  | 24.0  | 36.0  |
| 65       | 36.3  | 27.0  | 40.4  |
| 92       | 21.9  | 16.6  | 25.0  |

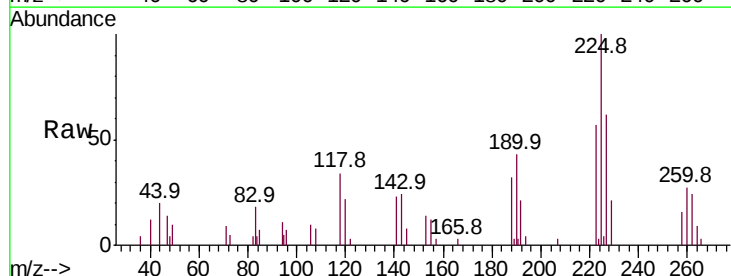


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BNC  
Ion 92.00 (91.70 to 92.70): BNC

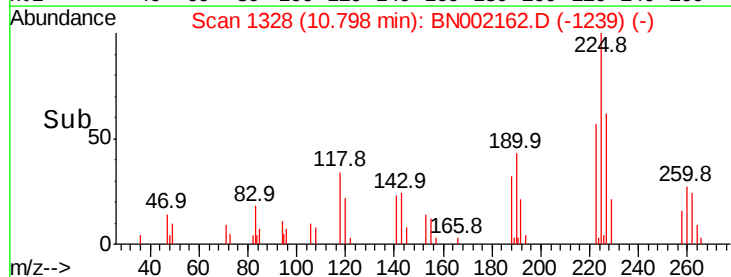
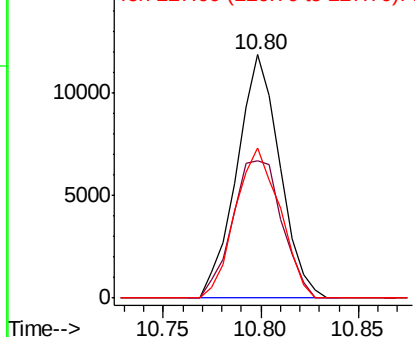


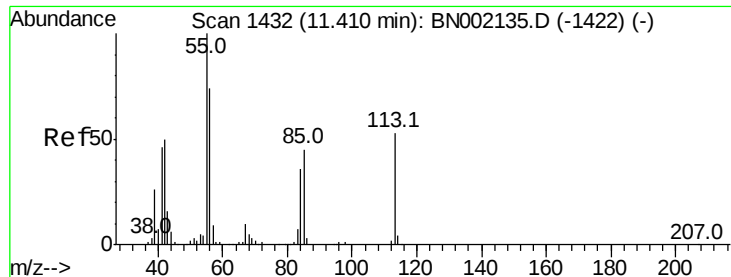
#34  
Hexachlorobutadiene  
Concen: 1.817 ng  
RT: 10.80 min Scan# 1328  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 18130 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 56.6  | 49.7  | 74.5  |
| 227      | 61.7  | 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: 1.246 ng

RT: 11.38 min Scan# 1427

Delta R.T. -0.03 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampled :

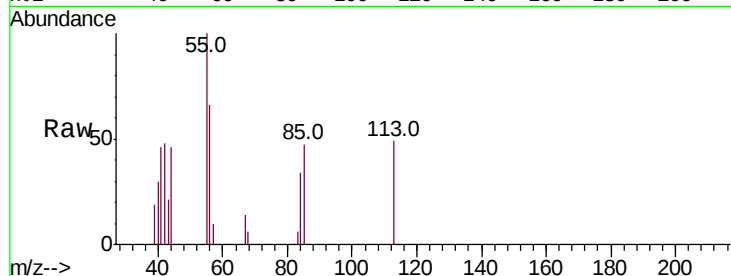
Tot Ion:113 Resp: 6117

Ion Ratio Lower Upper

113 100

55 202.7 120.0 160.0#

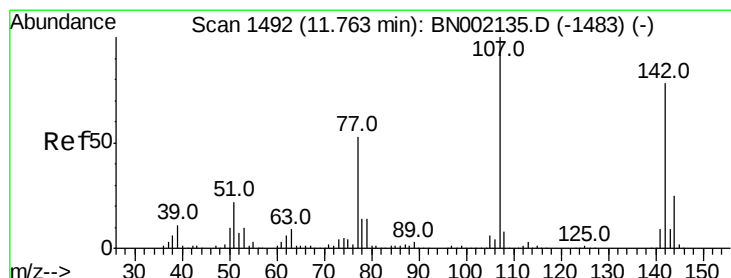
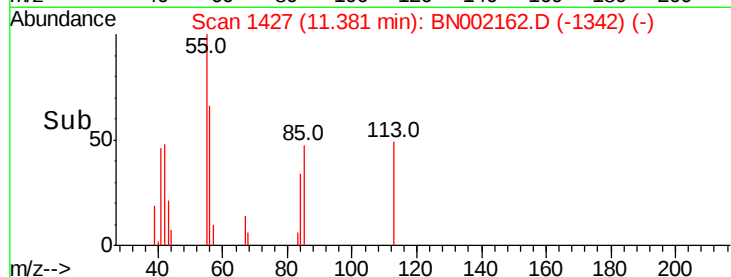
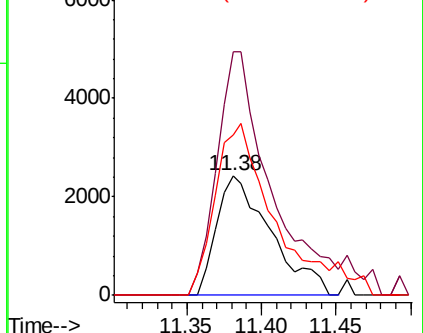
56 133.4 90.0 130.0#



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: 1.631 ng

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

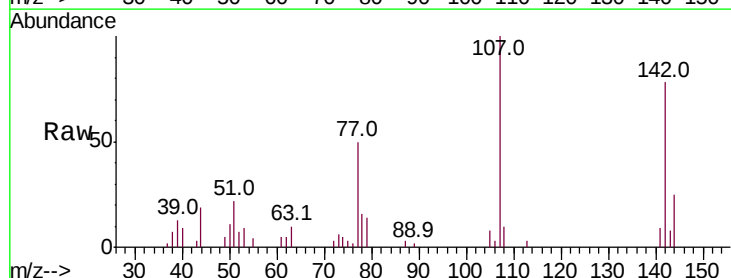
Tgt Ion:107 Resp: 26679

Ion Ratio Lower Upper

107 100

144 24.8 18.2 27.4

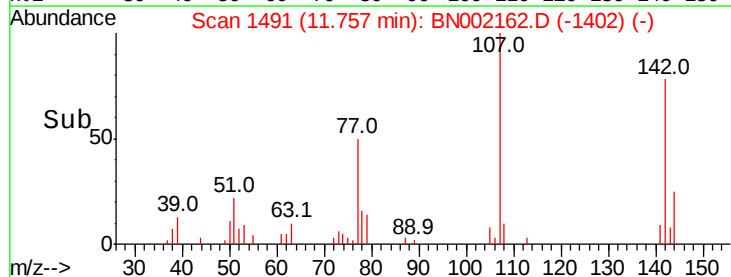
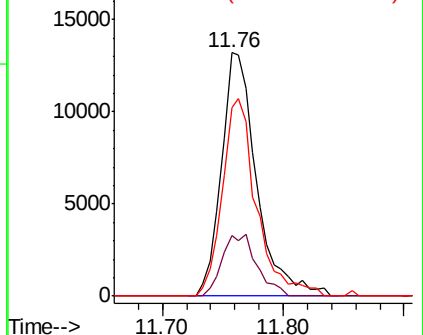
142 77.6 59.0 88.4

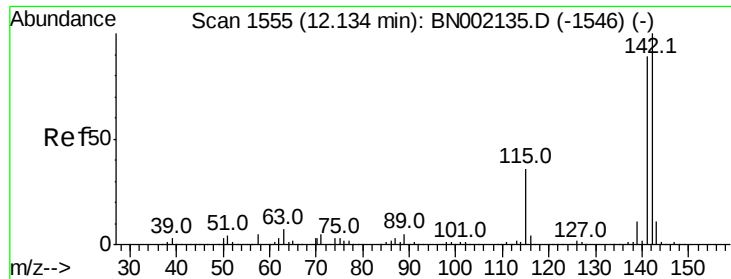


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

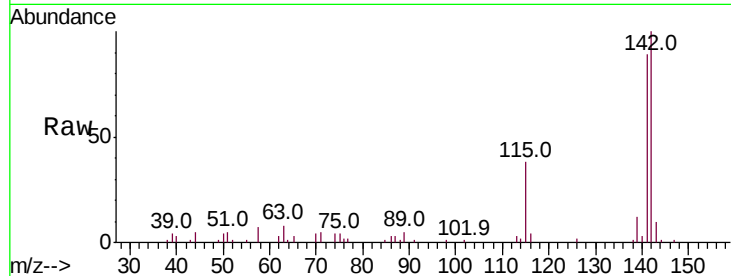




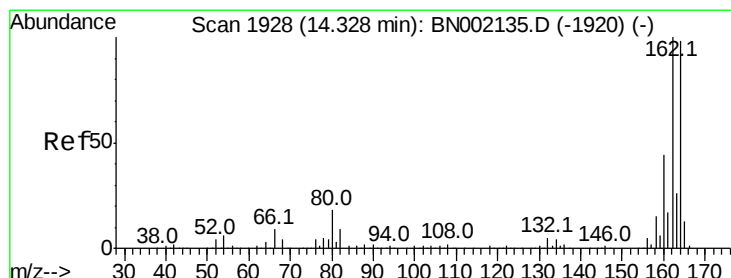
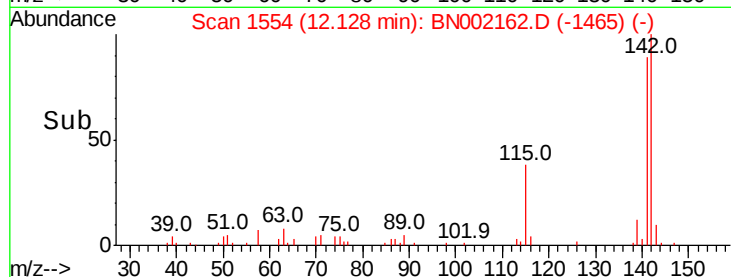
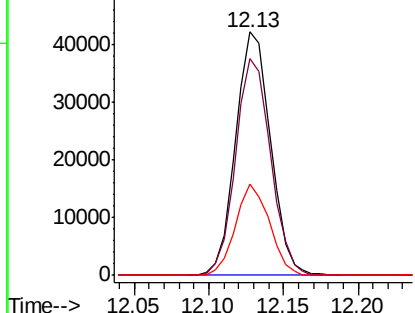
#37  
2-Methylnaphthalene  
Concen: 2.137 ng  
RT: 12.13 min Scan# 1554  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:142 Resp: 69130  
Ion Ratio Lower Upper  
142 100  
141 88.9 67.1 100.7  
115 37.7 30.7 46.1

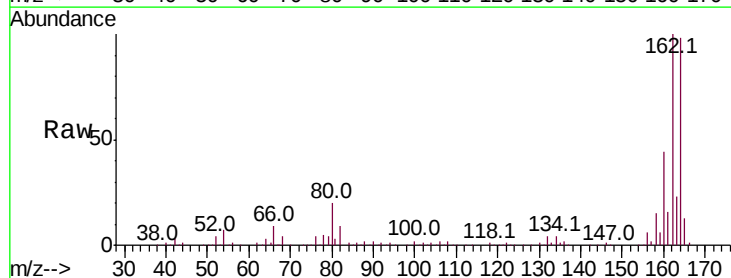


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

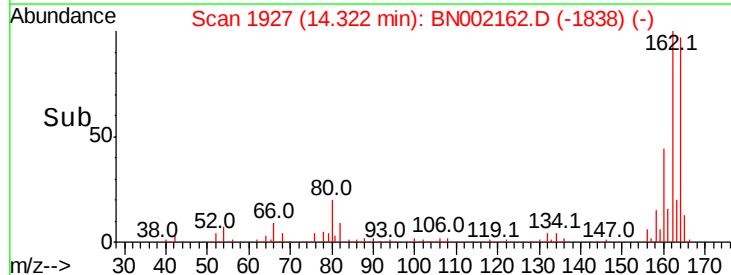
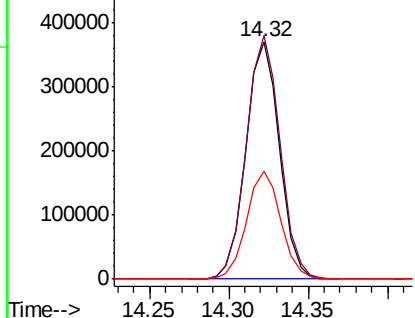


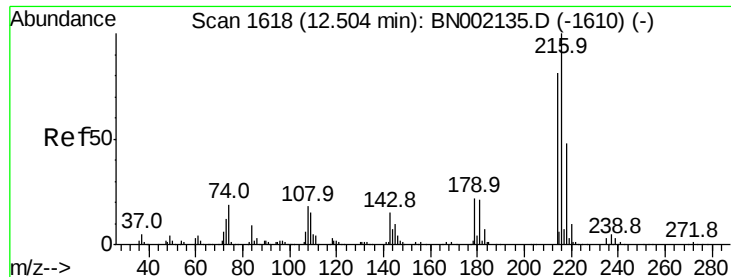
#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.32 min Scan# 1927  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Tgt Ion:164 Resp: 541504  
Ion Ratio Lower Upper  
164 100  
162 102.4 78.8 118.2  
160 45.4 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: 1.908 ng

RT: 12.50 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

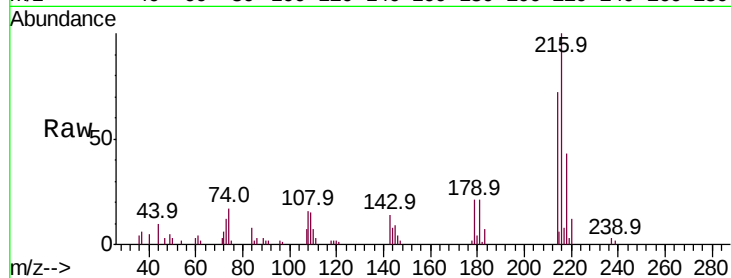
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:216 Resp: 34745

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 74.8  | 63.0  | 94.4  |
| 179 | 21.1  | 17.0  | 25.6  |
| 108 | 18.0  | 12.8  | 19.2  |

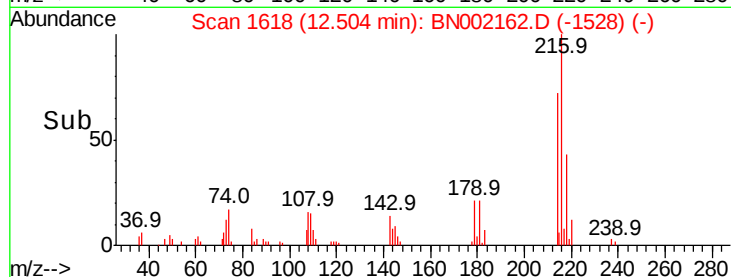


Abundance Ion 216.00 (215.70 to 216.70): E

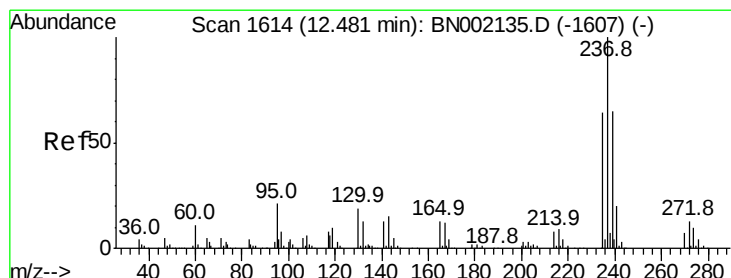
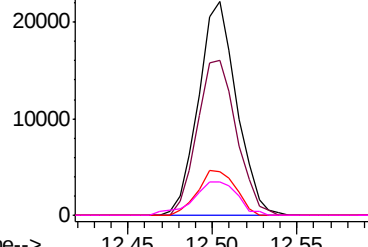
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 1.512 ng

RT: 12.48 min Scan# 1614

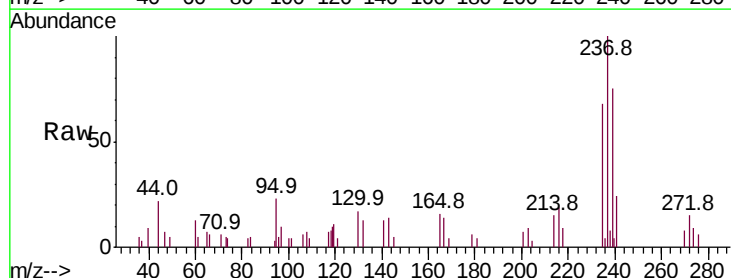
Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Tgt Ion:237 Resp: 15552

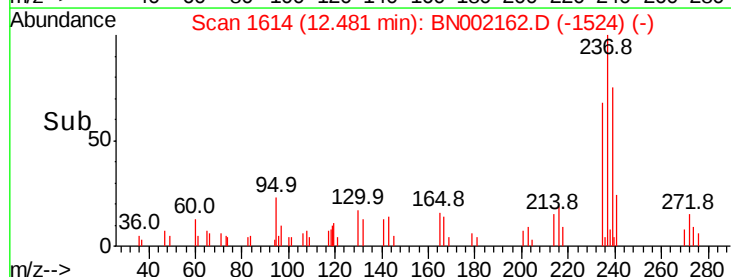
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 68.0  | 50.4  | 90.4  |
| 272 | 14.7  | 0.0   | 31.8  |



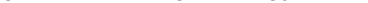
Abundance Ion 236.80 (236.50 to 237.50): E

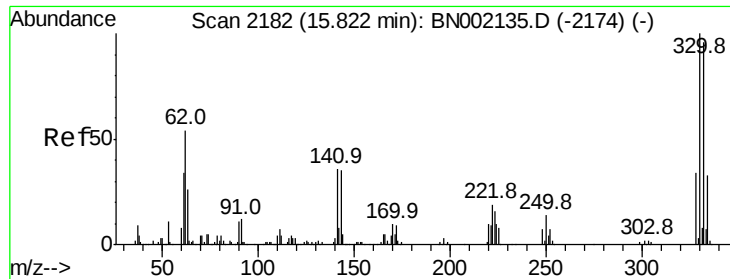
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

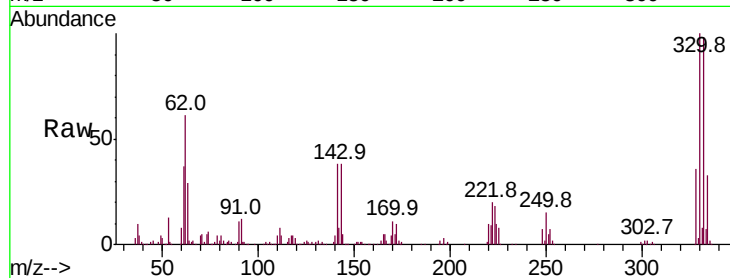




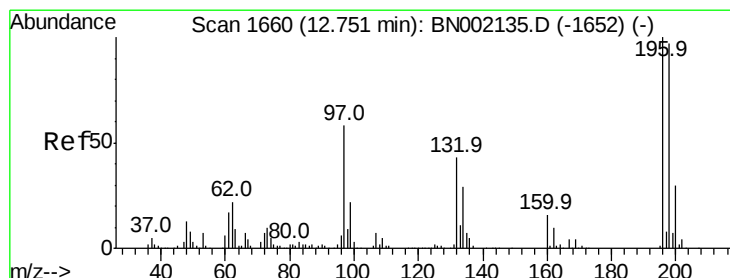
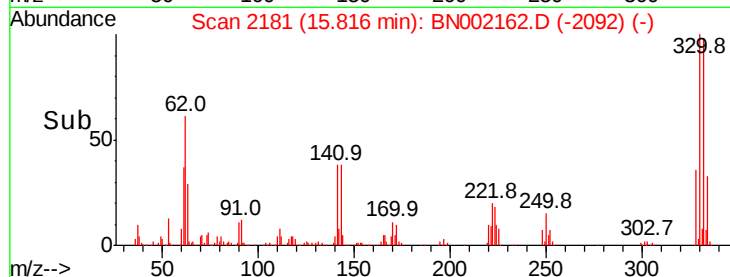
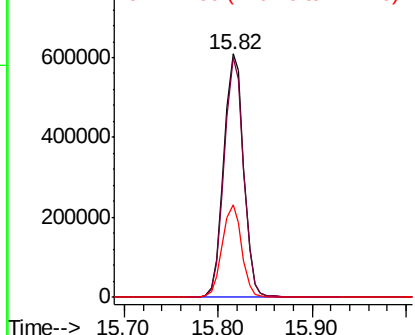
#41  
 2,4,6-Tribromophenol  
 Concen: 128.142 ng  
 RT: 15.82 min Scan# 2181  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:330 Resp: 901050  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.0 115.6  
 141 37.5 25.2 37.8

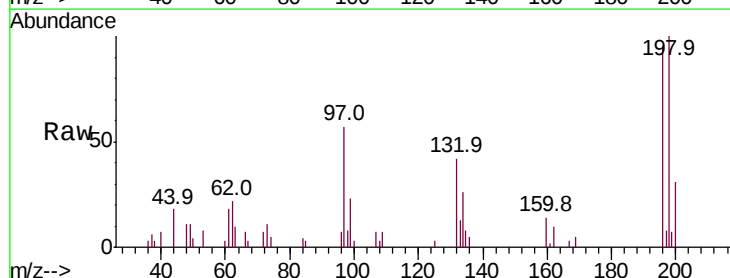


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

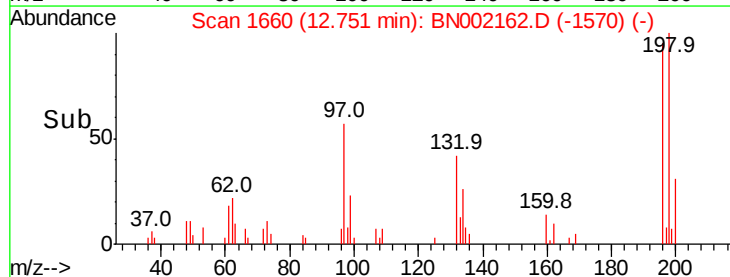
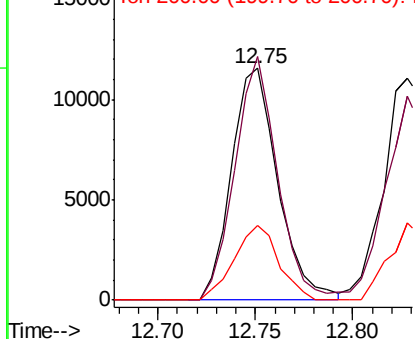


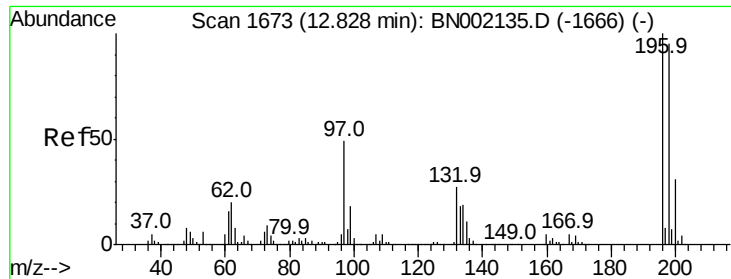
#42  
 2,4,6-Trichlorophenol  
 Concen: 1.558 ng  
 RT: 12.75 min Scan# 1660  
 Delta R.T. -0.00 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Tgt Ion:196 Resp: 19035  
 Ion Ratio Lower Upper  
 196 100  
 198 105.1 78.2 117.2  
 200 32.4 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



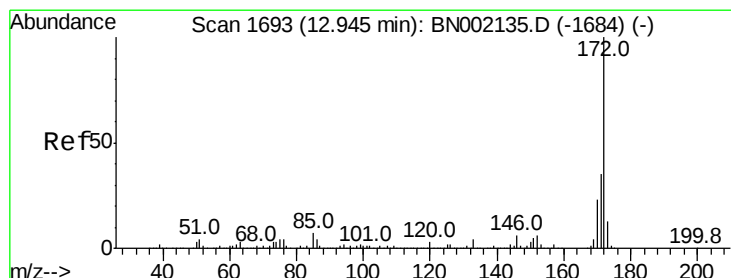
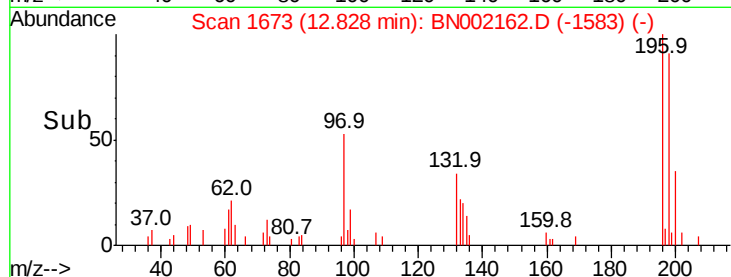
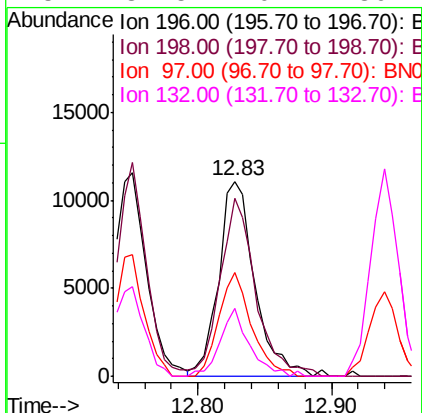
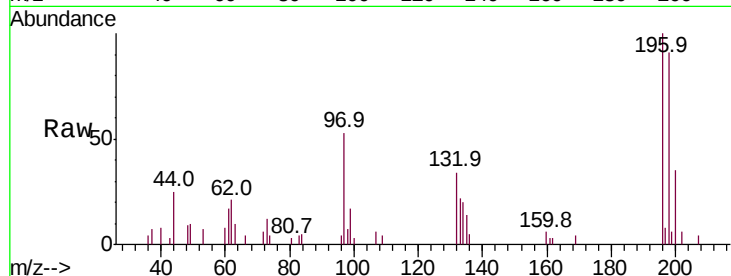


#43  
 2,4,5-Trichlorophenol  
 Concen: 1.628 ng  
 RT: 12.83 min Scan# 1673  
 Delta R.T. -0.00 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Instrument :  
 BNA\_N  
 ClientSampled :

Tot Ion:196 Resp: 21068

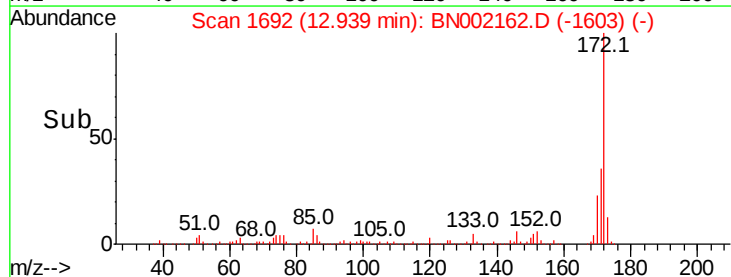
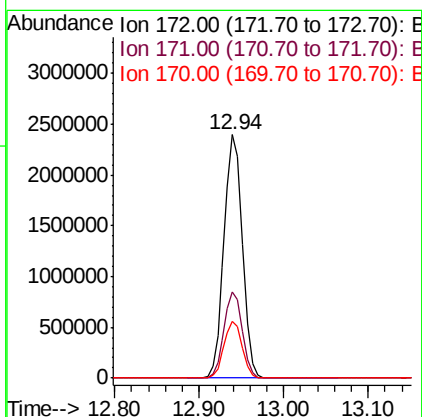
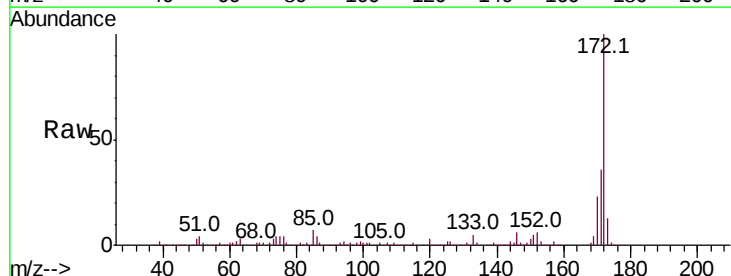
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 91.5  | 76.2  | 114.4 |
| 97  | 53.5  | 38.7  | 58.1  |
| 132 | 34.5  | 20.2  | 30.2  |

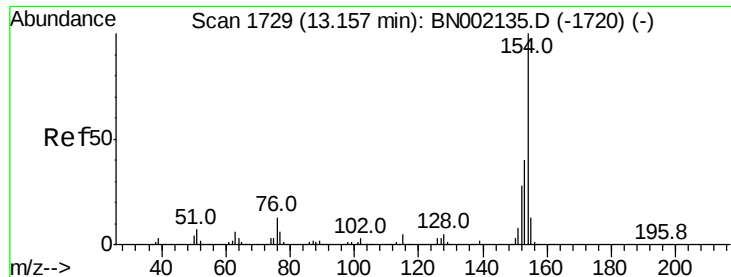


#44  
 2-Fluorobiphenyl  
 Concen: 86.259 ng  
 RT: 12.94 min Scan# 1692  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Tgt Ion:172 Resp: 3586121

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.6  | 30.0  | 45.0  |
| 170 | 23.2  | 19.5  | 29.3  |





#45

1,1'-Biphenyl

Concen: 1.996 ng

RT: 13.15 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

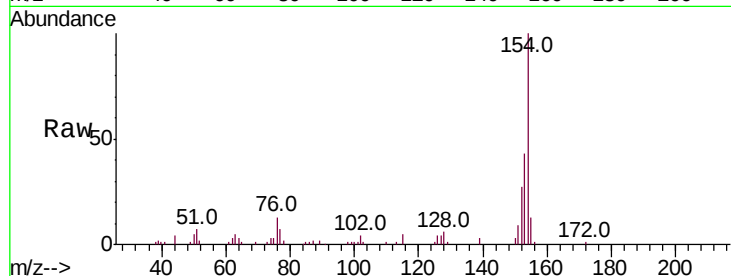
Tot Ion:154 Resp: 95134

Ion Ratio Lower Upper

154 100

153 43.0 19.8 59.8

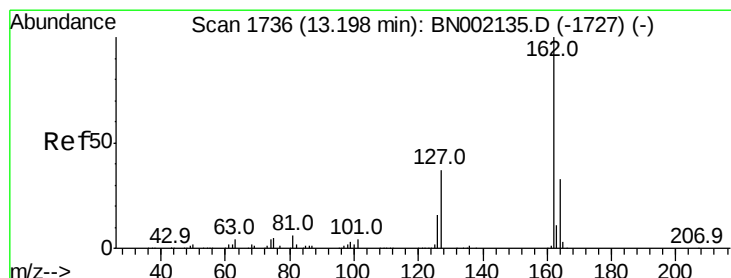
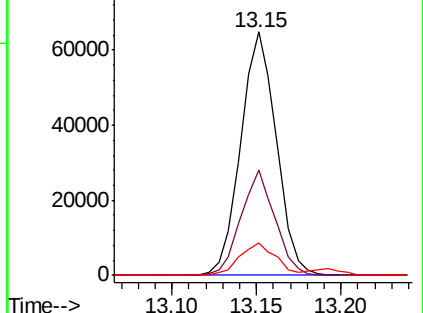
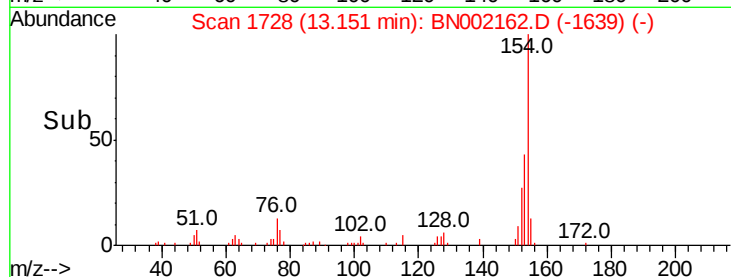
76 13.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC



#46

2-Chloronaphthalene

Concen: 1.909 ng

RT: 13.19 min Scan# 1735

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

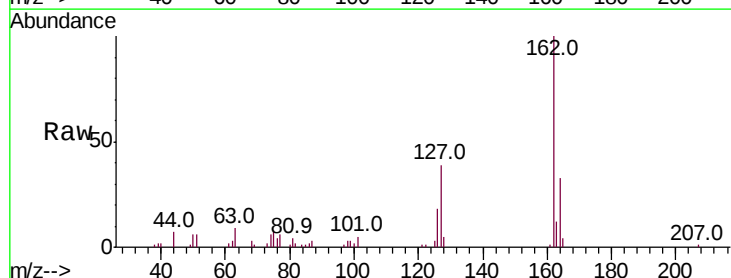
Tgt Ion:162 Resp: 70231

Ion Ratio Lower Upper

162 100

127 39.2 30.7 46.1

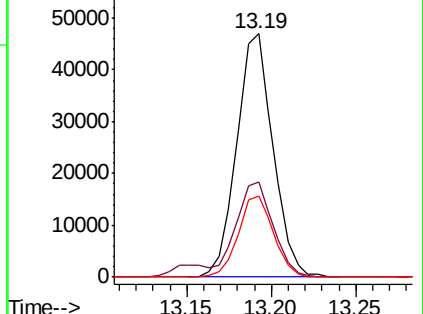
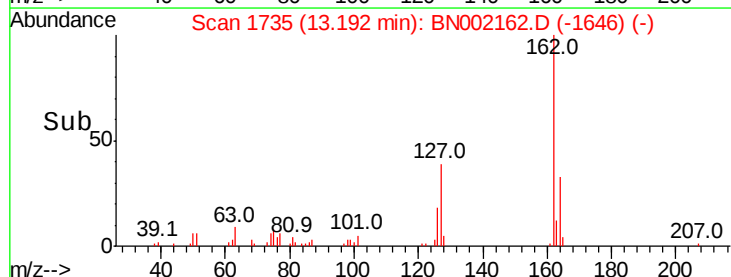
164 33.3 26.0 39.0

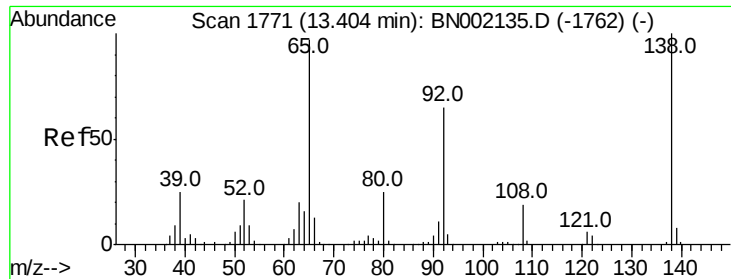


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

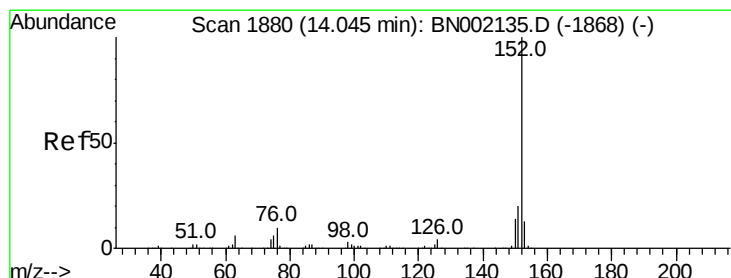
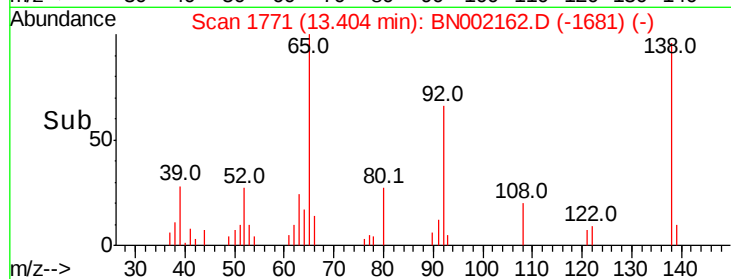
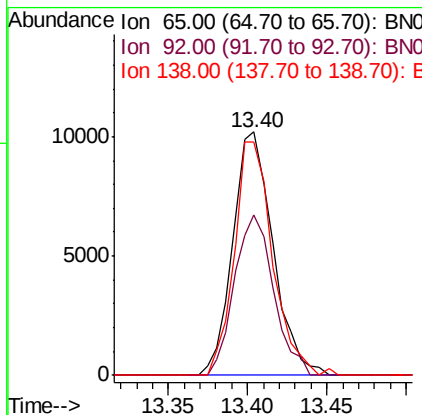
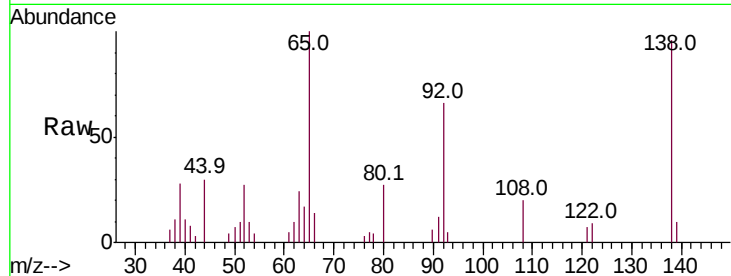




#47  
 2-Nitroaniline  
 Concen: 1.520 ng  
 RT: 13.40 min Scan# 1771  
 Delta R.T. -0.00 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

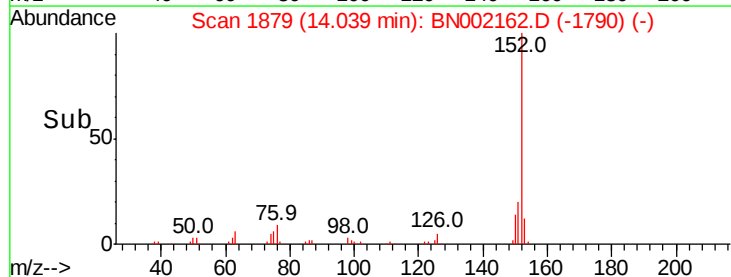
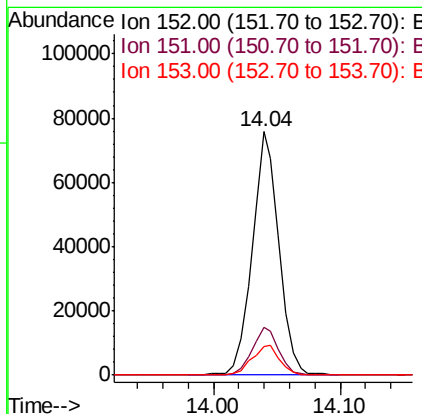
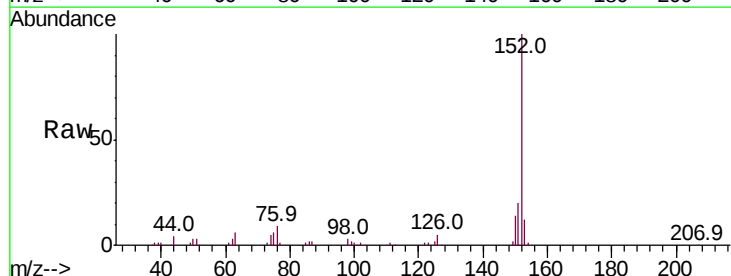
Instrument :  
 BNA\_N  
 ClientSampleId :

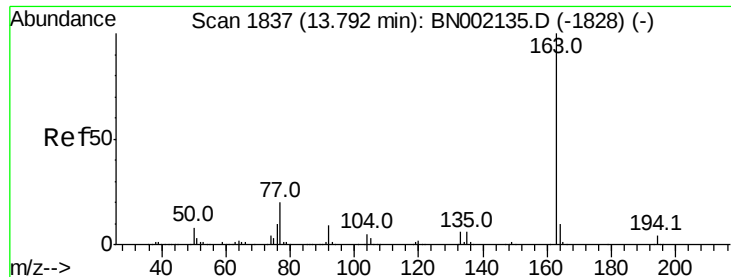
Tot Ion: 65 Resp: 17989  
 Ion Ratio Lower Upper  
 65 100  
 92 65.6 54.6 82.0  
 138 96.1 72.9 109.3



#48  
 Acenaphthylene  
 Concen: 1.974 ng  
 RT: 14.04 min Scan# 1879  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Tgt Ion:152 Resp: 110149  
 Ion Ratio Lower Upper  
 152 100  
 151 19.5 17.2 25.8  
 153 11.9 10.2 15.4





#49

Dimethylphthalate

Concen: 1.930 ng

RT: 13.78 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

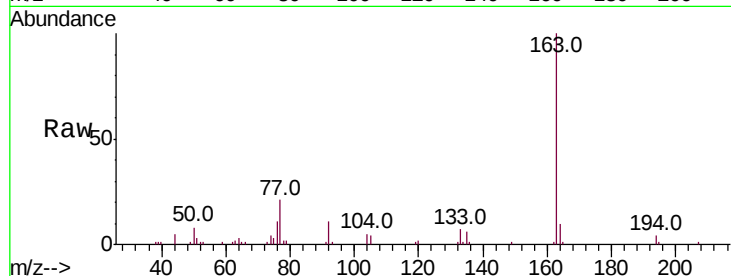
Tot Ion:163 Resp: 86798

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

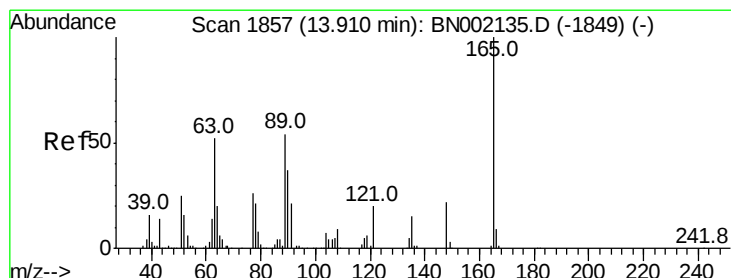
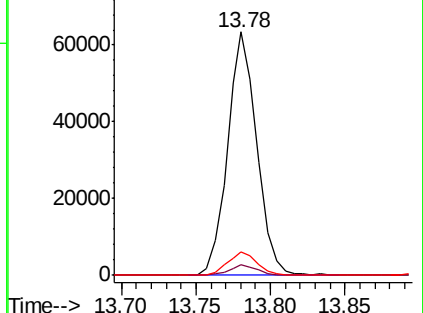
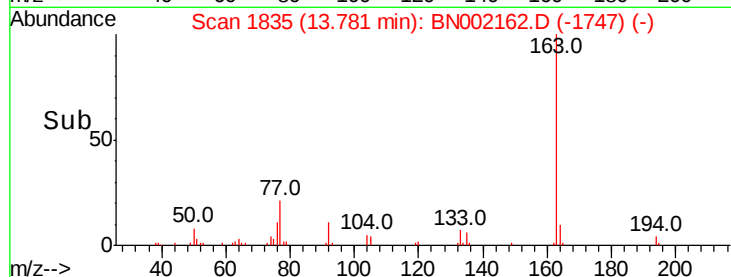
164 9.8 8.2 12.4



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: 1.661 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

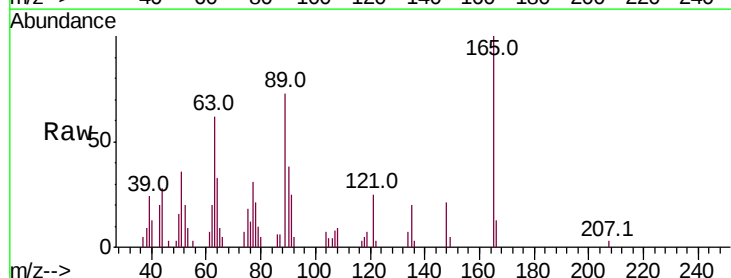
Tgt Ion:165 Resp: 16603

Ion Ratio Lower Upper

165 100

63 62.2 52.7 79.1

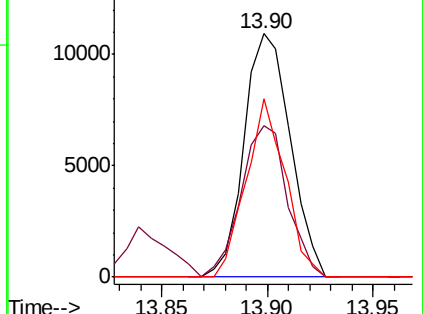
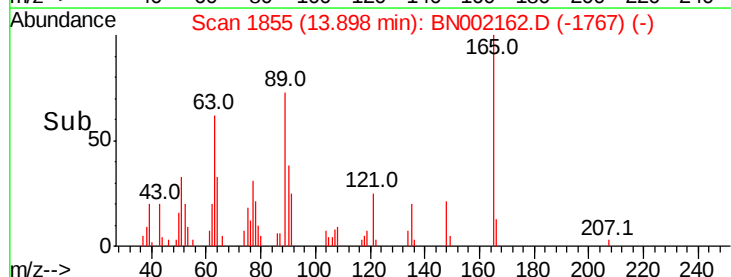
89 73.0 49.2 73.8

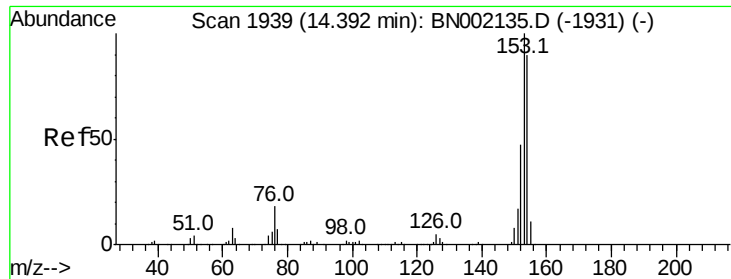


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC





#51

Acenaphthene

Concen: 2.020 ng

RT: 14.39 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

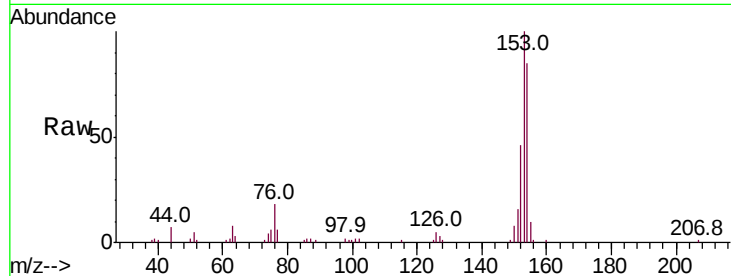
Tot Ion:154 Resp: 67905

Ion Ratio Lower Upper

154 100

153 117.0 90.4 135.6

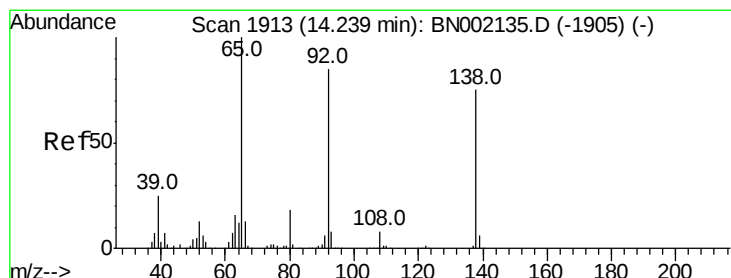
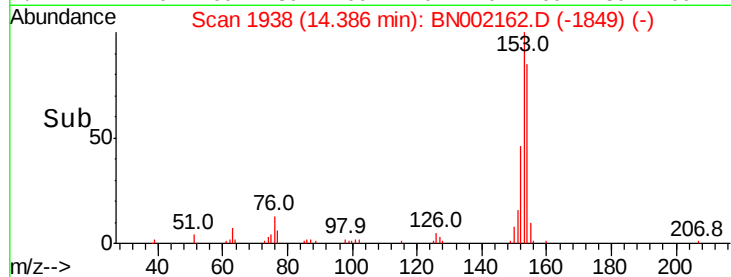
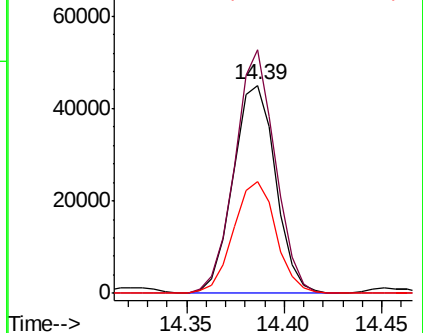
152 53.7 41.6 62.4



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: 1.336 ng

RT: 14.24 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

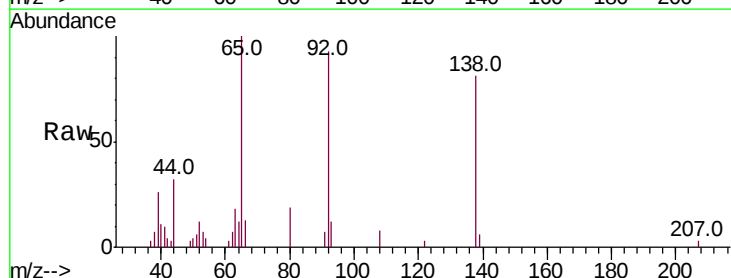
Tgt Ion:138 Resp: 14462

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

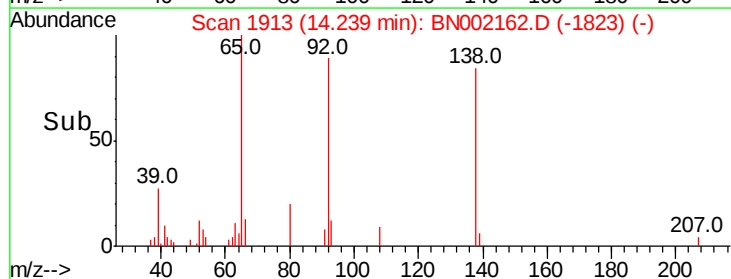
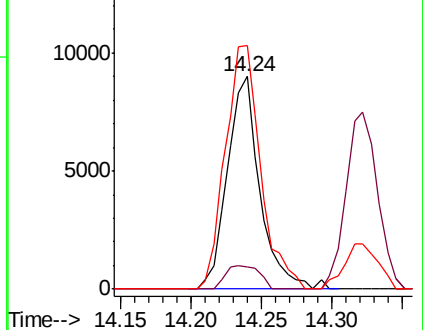
92 114.6 105.8 158.8

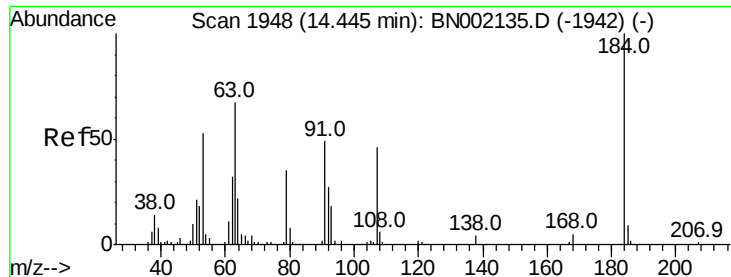


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNO

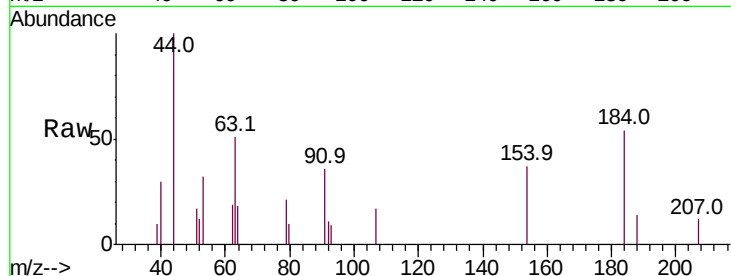




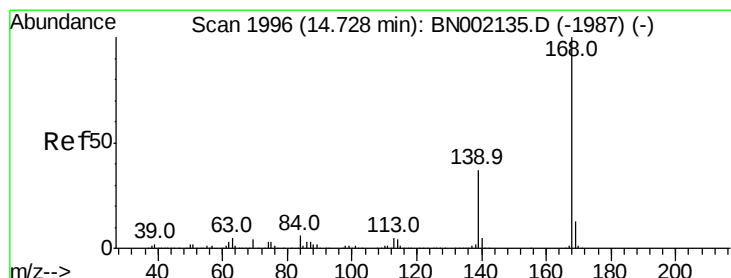
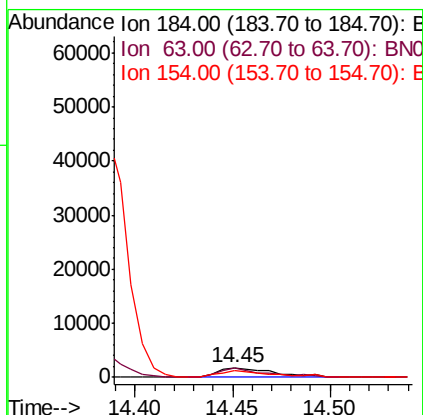
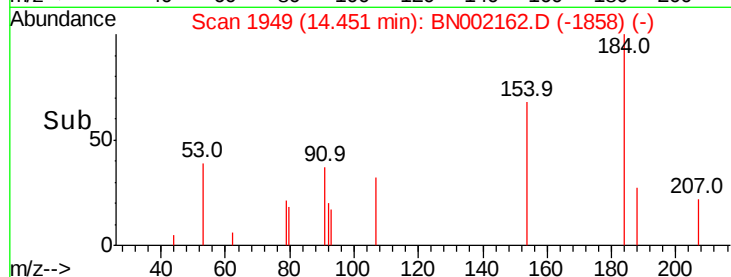
#53  
2,4-Dinitrophenol  
Concen: 0.656 ng  
RT: 14.45 min Scan# 1949  
Delta R.T. 0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:184 Resp: 3472  
Ion Ratio Lower Upper  
184 100  
63 93.8 56.0 84.0#  
154 67.9 48.0 72.0

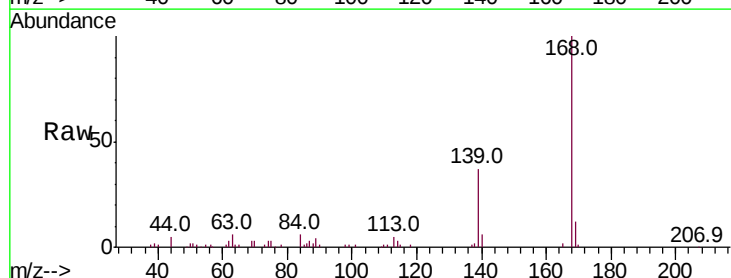


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BNO  
Ion 154.00 (153.70 to 154.70): E

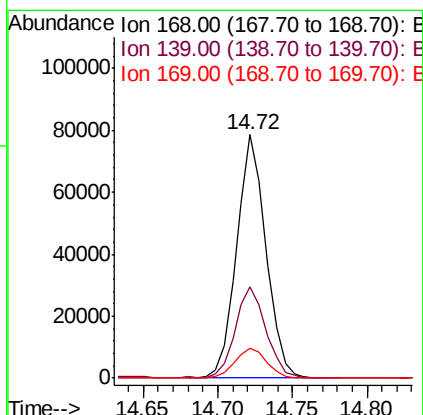
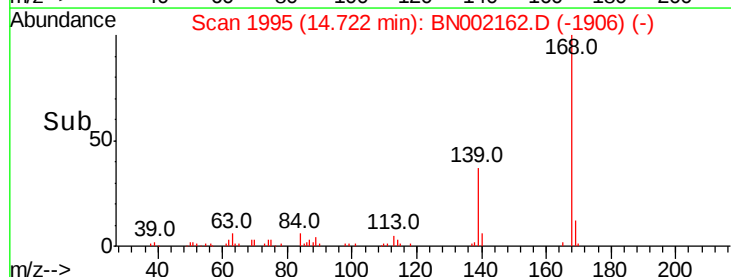


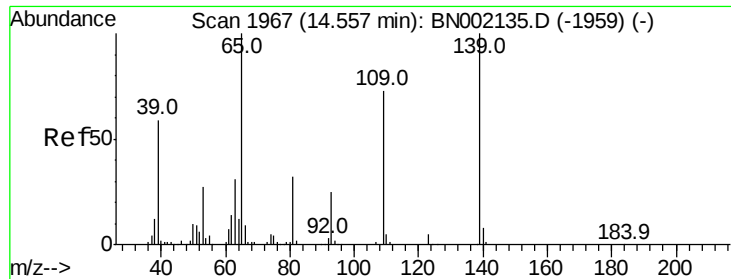
#54  
Dibenzofuran  
Concen: 1.961 ng  
RT: 14.72 min Scan# 1995  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Tgt Ion:168 Resp: 106903  
Ion Ratio Lower Upper  
168 100  
139 37.3 28.6 43.0  
169 12.4 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: 1.048 ng

RT: 14.56 min Scan# 1968

Delta R.T. 0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

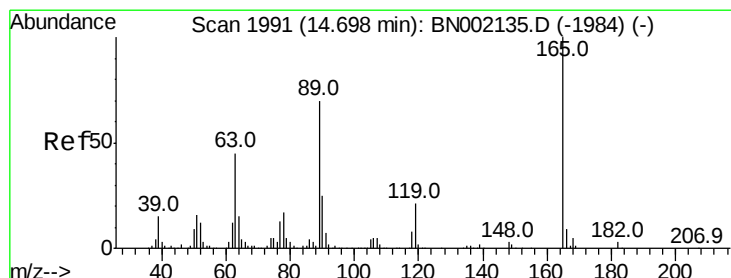
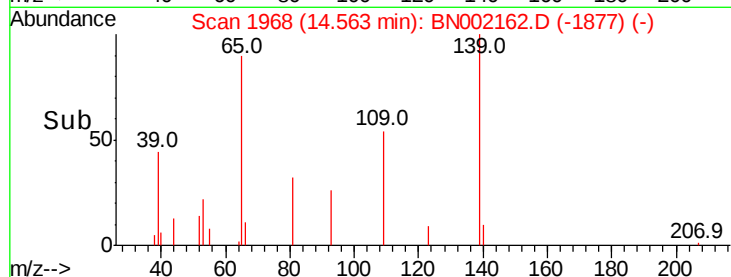
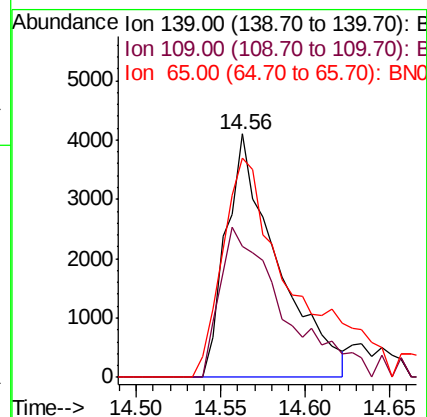
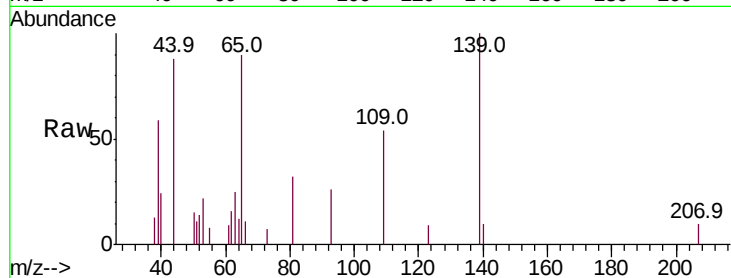
Tot Ion:139 Resp: 8713

Ion Ratio Lower Upper

139 100

109 53.7 62.2 102.2#

65 90.0 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 1.485 ng

RT: 14.70 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Tgt Ion:165 Resp: 20137

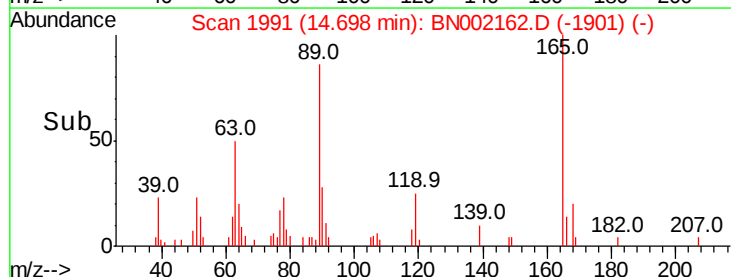
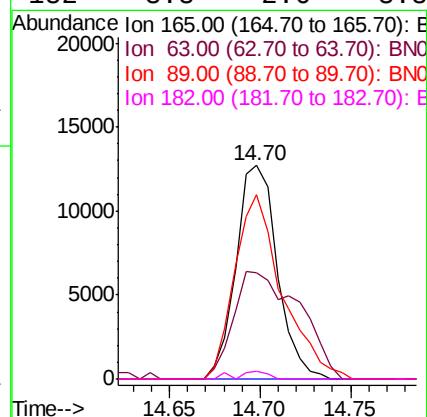
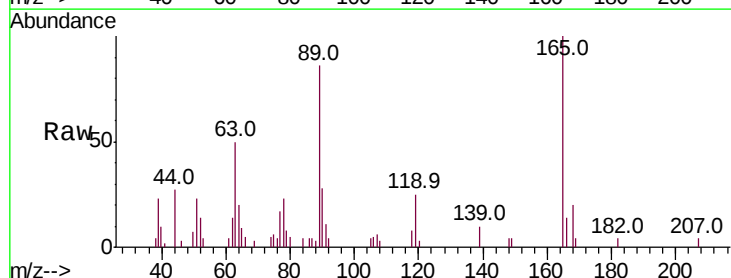
Ion Ratio Lower Upper

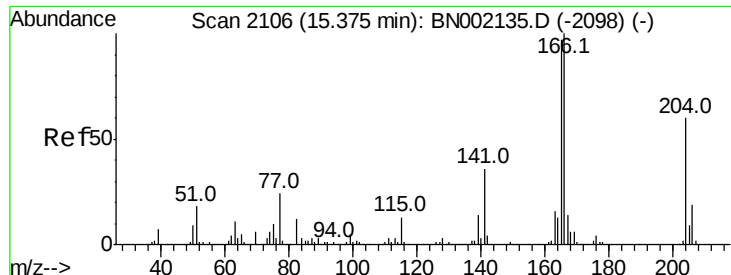
165 100

63 49.9 42.0 63.0

89 86.2 66.9 100.3

182 3.8 2.6 3.8





#57

Fluorene

Concen: 2.046 ng

RT: 15.37 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

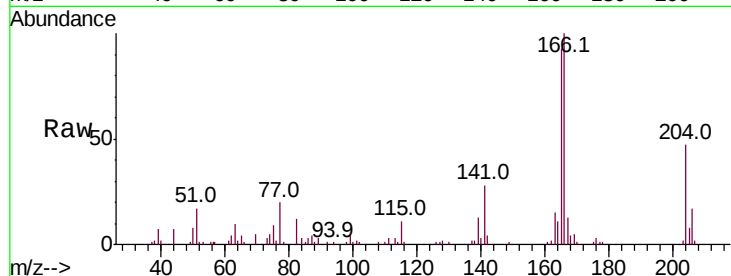
Tot Ion:166 Resp: 84048

Ion Ratio Lower Upper

166 100

165 93.5 80.6 121.0

167 12.8 10.4 15.6

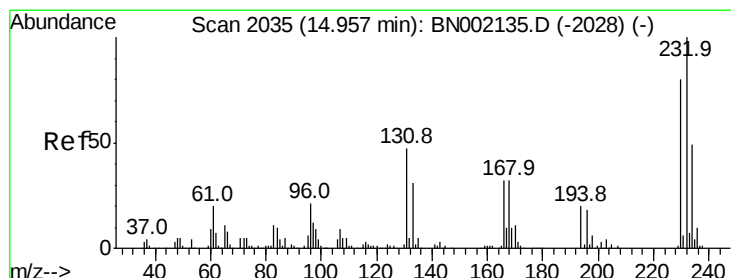
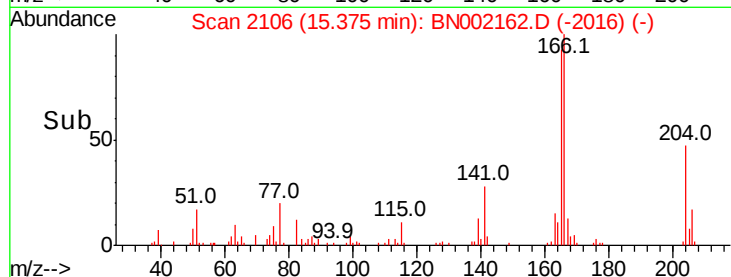
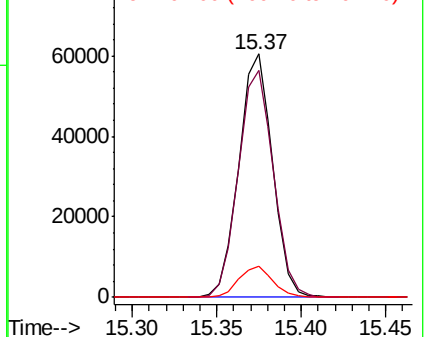


Abundance

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: 1.595 ng

RT: 14.96 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Tgt Ion:232 Resp: 17748

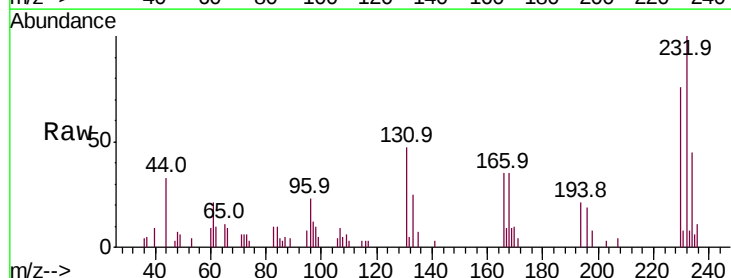
Ion Ratio Lower Upper

232 100

131 47.8 33.5 50.3

130 0.0 2.2 3.2#

166 34.8 24.8 37.2



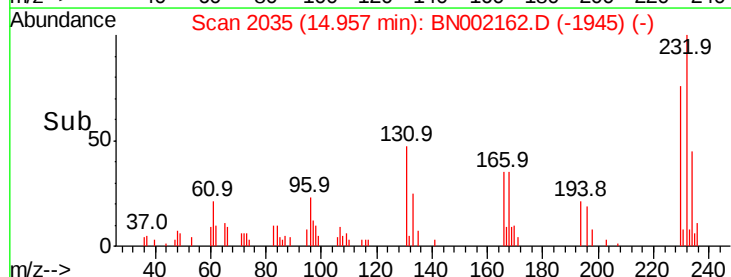
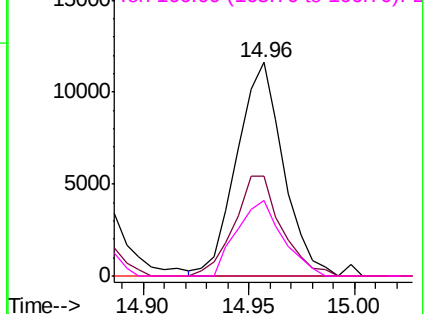
Abundance

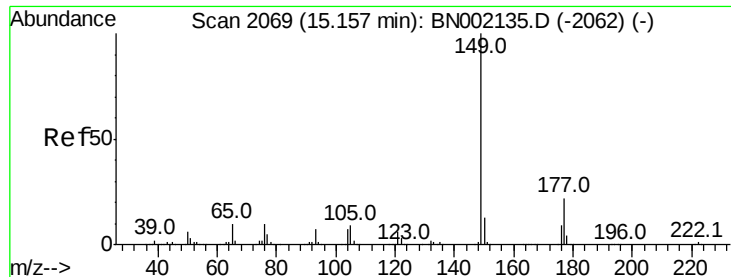
Ion 232.00 (231.70 to 232.70): E

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

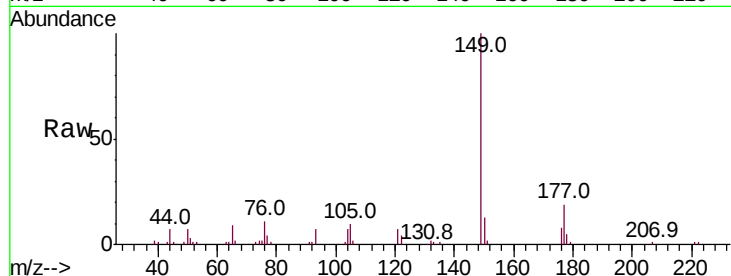




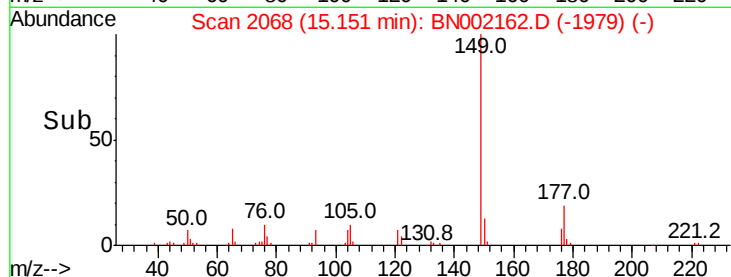
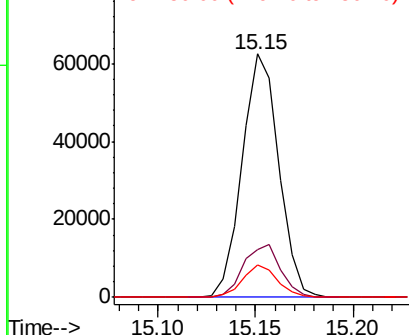
#59  
Diethylphthalate  
Concen: 1.771 ng  
RT: 15.15 min Scan# 2068  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:149 Resp: 81090  
Ion Ratio Lower Upper  
149 100  
177 19.5 18.5 27.7  
150 13.4 10.2 15.2

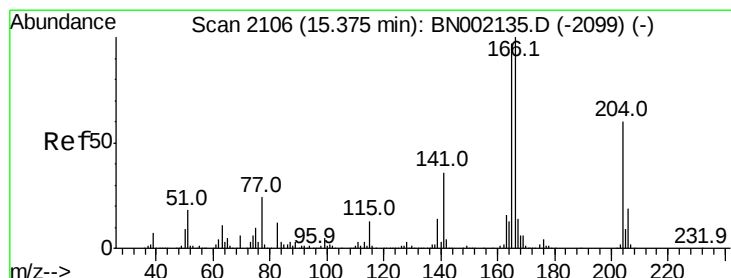


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

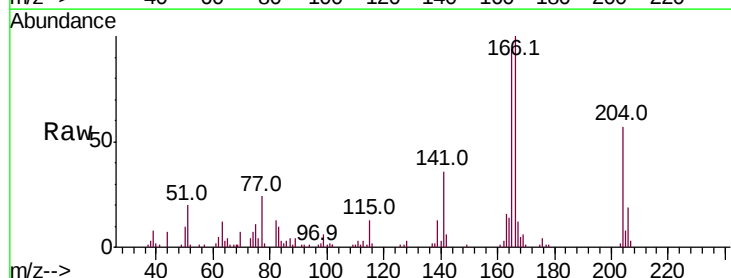
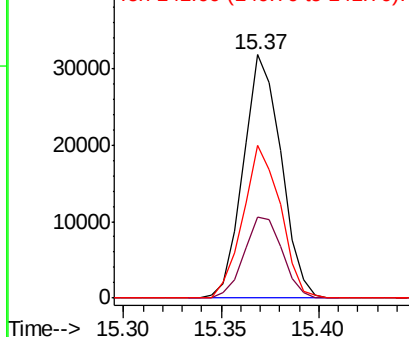


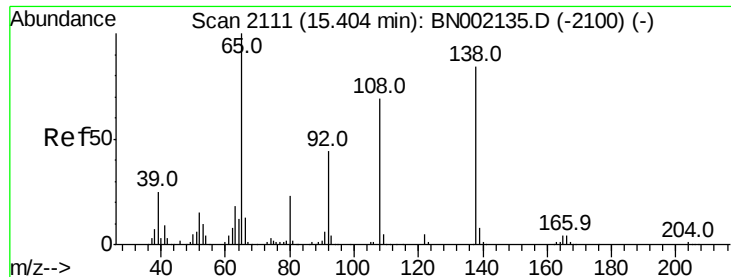
#60  
4-Chlorophenyl-phenylether  
Concen: 1.878 ng  
RT: 15.37 min Scan# 2105  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Tgt Ion:204 Resp: 42686  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.2 39.2  
141 62.6 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

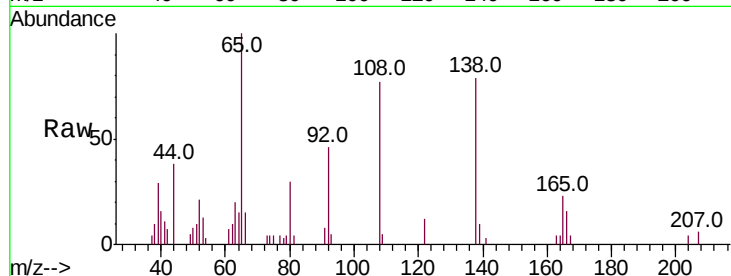




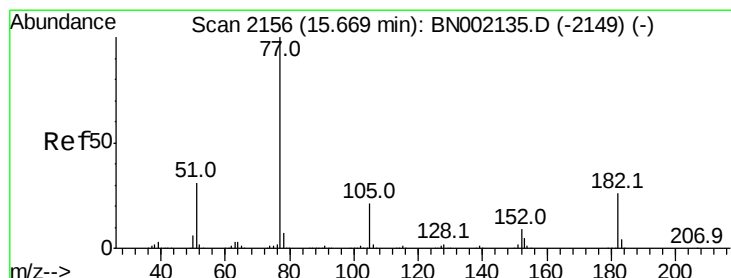
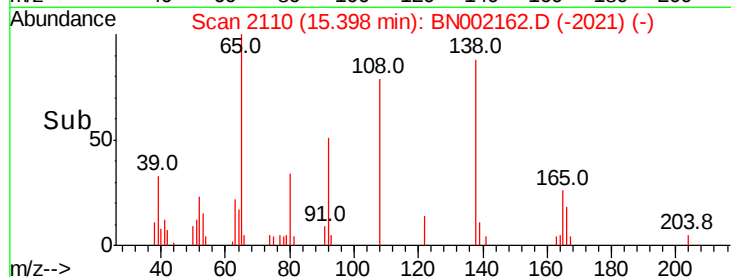
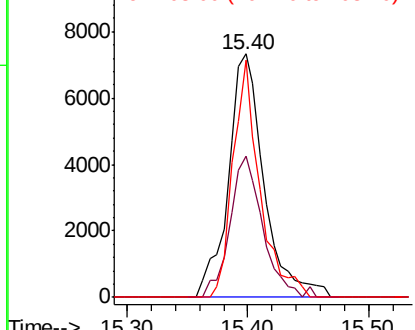
#61  
4-Nitroaniline  
Concen: 1.372 ng  
RT: 15.40 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:138 Resp: 15148  
Ion Ratio Lower Upper  
138 100  
92 58.0 40.1 80.1  
108 97.3 65.4 105.4

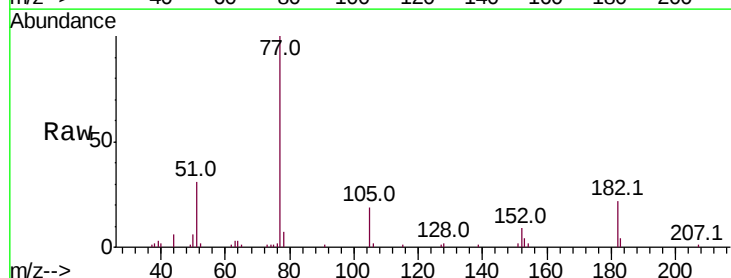


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BNO  
Ion 108.00 (107.70 to 108.70): E

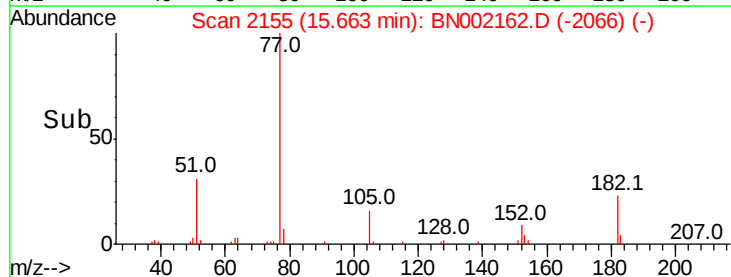
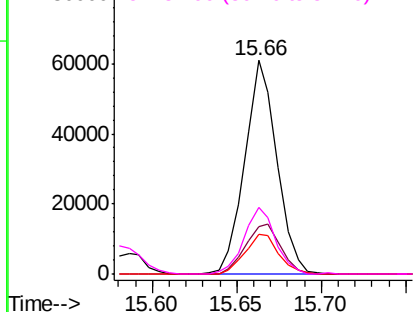


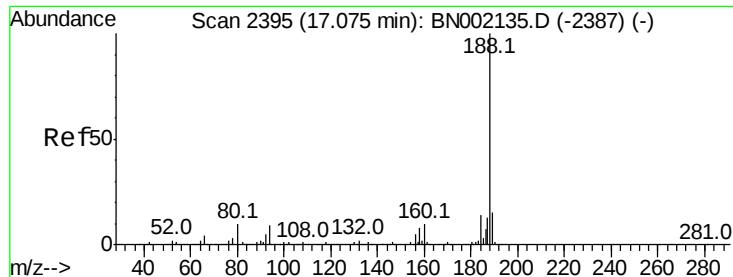
#62  
Azobenzene  
Concen: 1.836 ng  
RT: 15.66 min Scan# 2155  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Tgt Ion: 77 Resp: 80637  
Ion Ratio Lower Upper  
77 100  
182 22.1 7.4 47.4  
105 18.5 0.3 40.3  
51 31.4 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

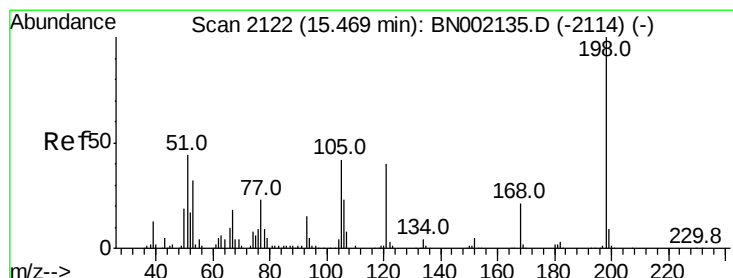
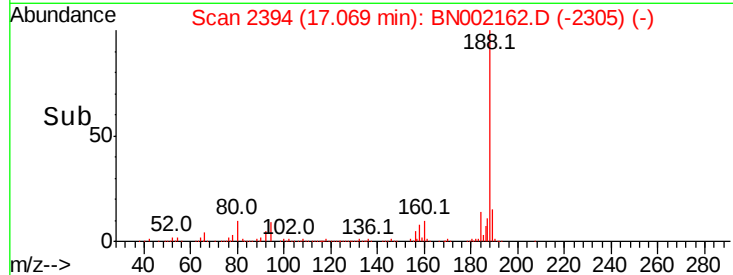
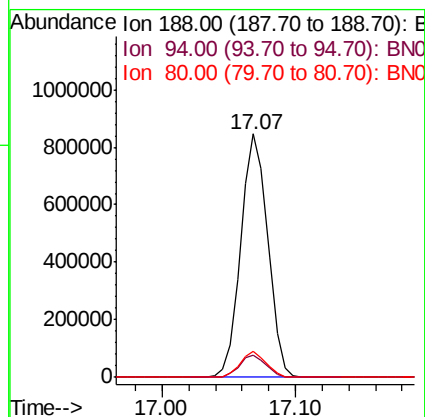
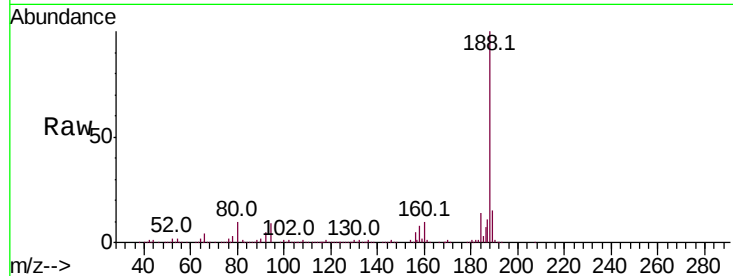




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.07 min Scan# 2394  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

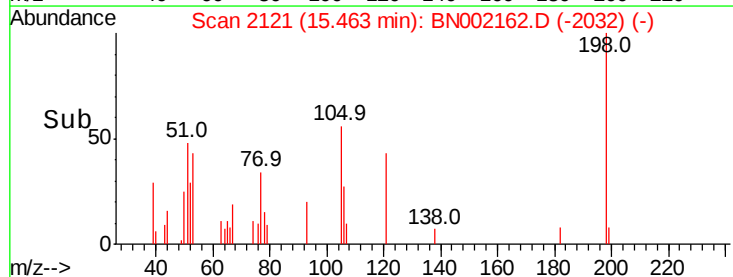
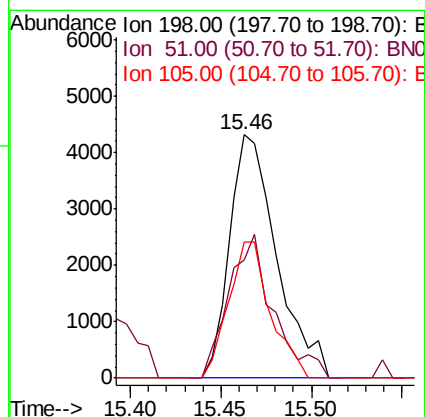
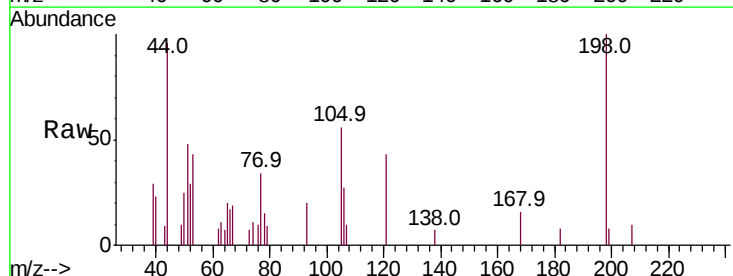
Instrument :  
BNA\_N  
ClientSampled :

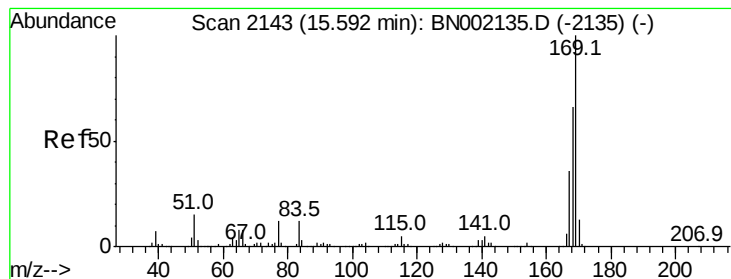
Tot Ion:188 Resp: 1180950  
Ion Ratio Lower Upper  
188 100  
94 8.9 6.9 10.3  
80 10.4 7.7 11.5



#64  
4,6-Dinitro-2-methylphenol  
Concen: 0.983 ng  
RT: 15.46 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

Tgt Ion:198 Resp: 7835  
Ion Ratio Lower Upper  
198 100  
51 48.5 30.6 70.6  
105 55.8 23.8 63.8

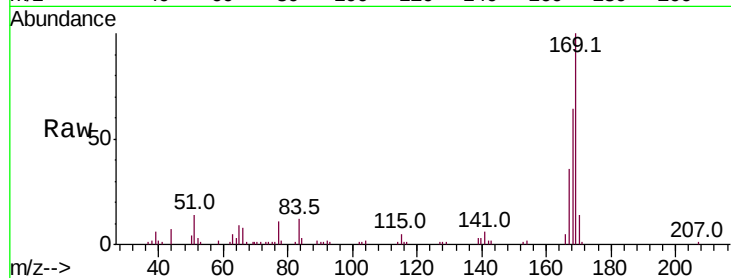




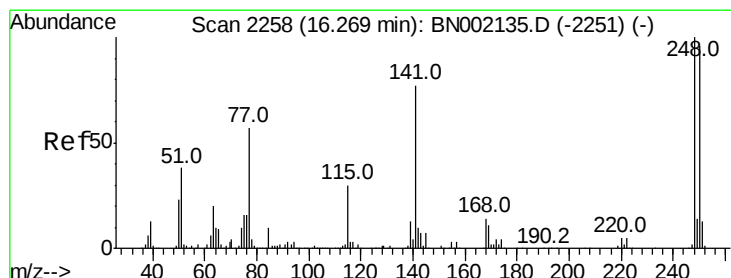
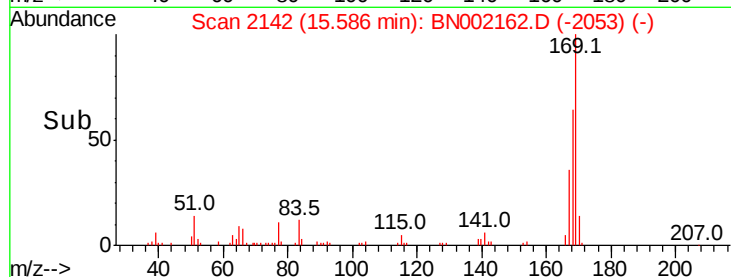
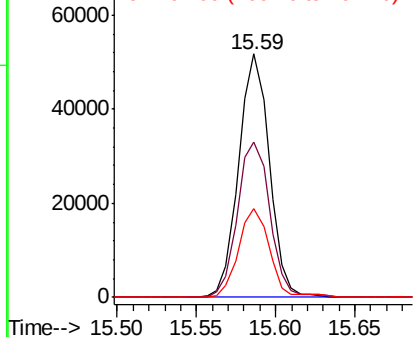
#65  
 n-Nitrosodiphenylamine  
 Concen: 1.782 ng  
 RT: 15.59 min Scan# 2142  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:169 Resp: 69827  
 Ion Ratio Lower Upper  
 169 100  
 168 63.9 55.7 83.5  
 167 36.2 30.1 45.1

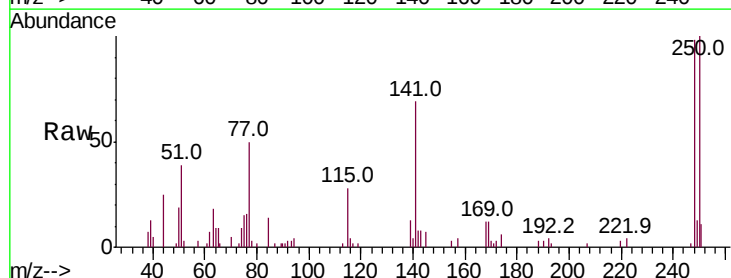


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

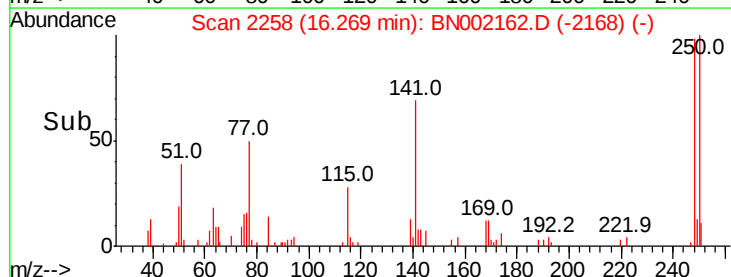
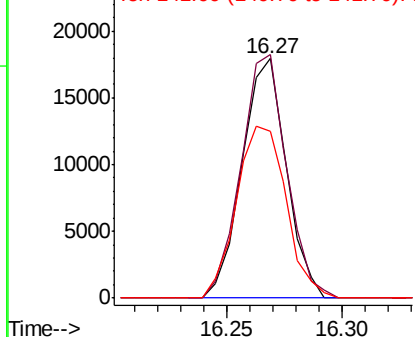


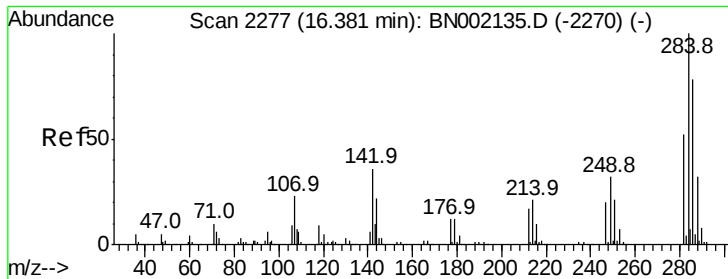
#66  
 4-Bromophenyl-phenylether  
 Concen: 1.736 ng  
 RT: 16.27 min Scan# 2258  
 Delta R.T. -0.00 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Tgt Ion:248 Resp: 23994  
 Ion Ratio Lower Upper  
 248 100  
 250 101.8 77.1 115.7  
 141 69.9 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: 1.878 ng

RT: 16.38 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampled :

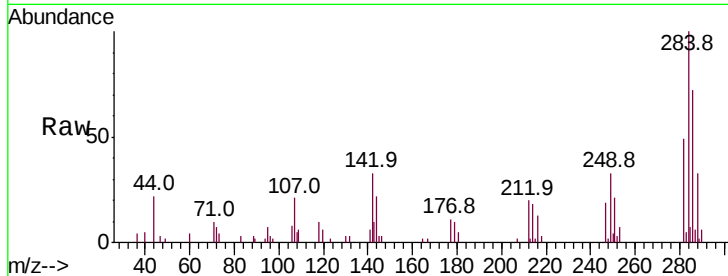
Tot Ion:284 Resp: 28717

Ion Ratio Lower Upper

284 100

142 33.3 26.8 40.2

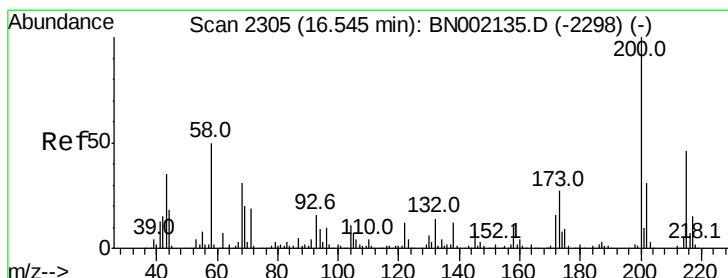
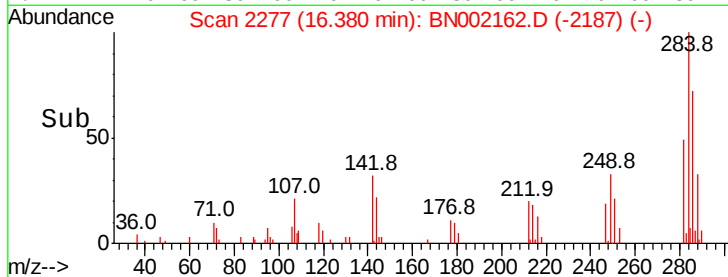
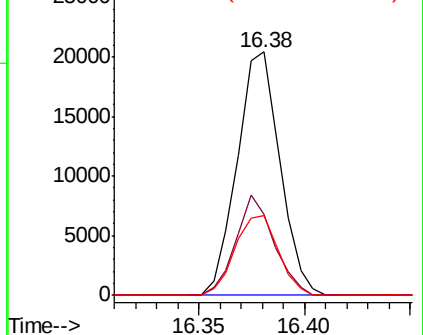
249 32.7 26.3 39.5



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: 1.561 ng

RT: 16.54 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

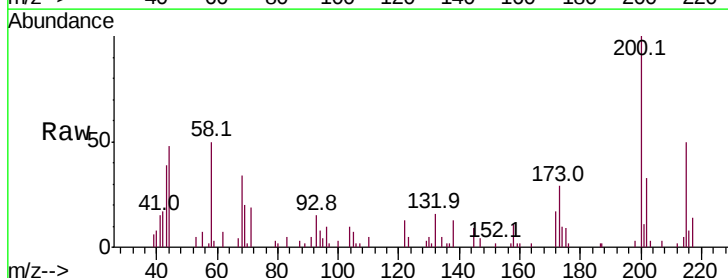
Tgt Ion:200 Resp: 20597

Ion Ratio Lower Upper

200 100

173 28.7 5.2 45.2

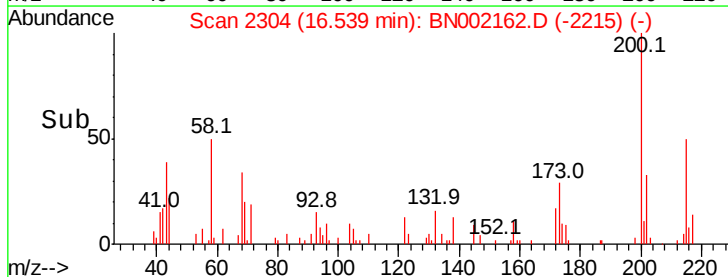
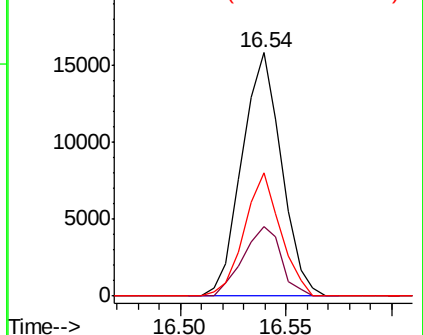
215 50.5 30.4 70.4

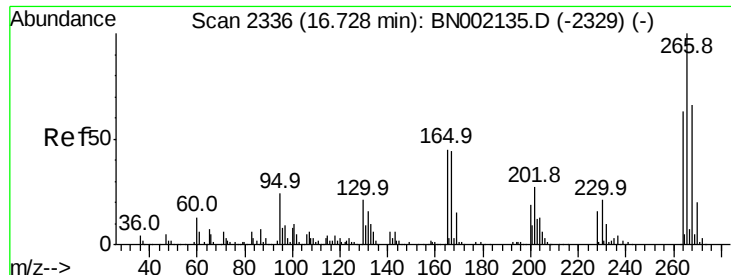


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 0.884 ng

RT: 16.73 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

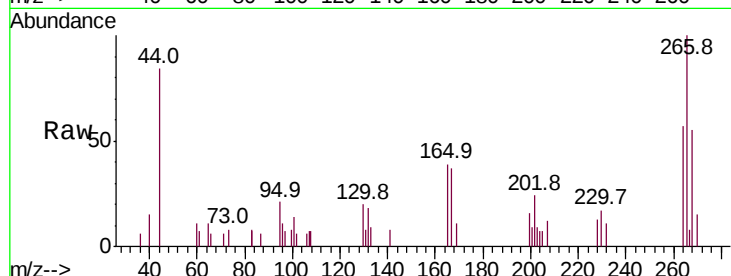
Tot Ion:266 Resp: 8700

Ion Ratio Lower Upper

266 100

268 54.6 51.1 76.7

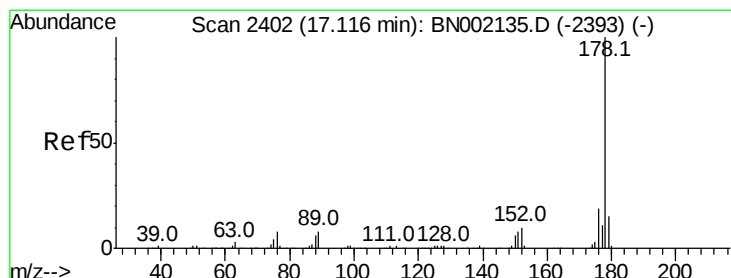
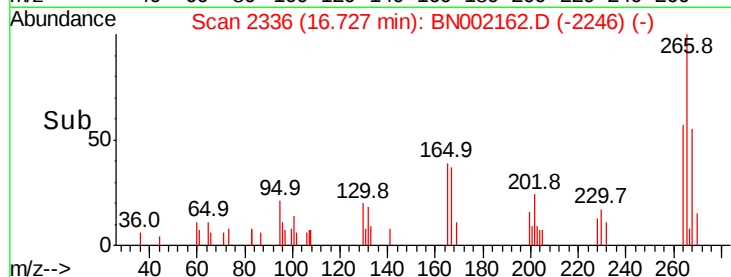
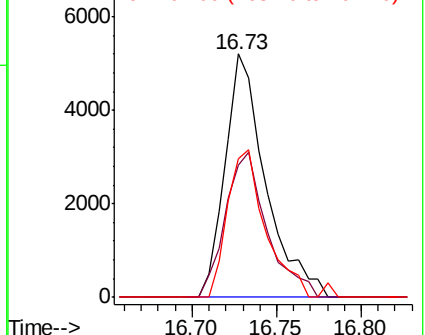
264 57.2 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 2.097 ng

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

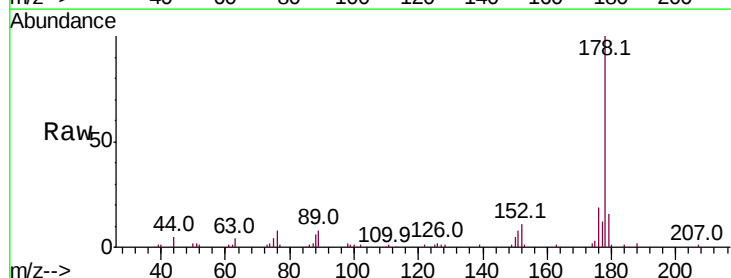
Tgt Ion:178 Resp: 135147

Ion Ratio Lower Upper

178 100

176 19.1 15.7 23.5

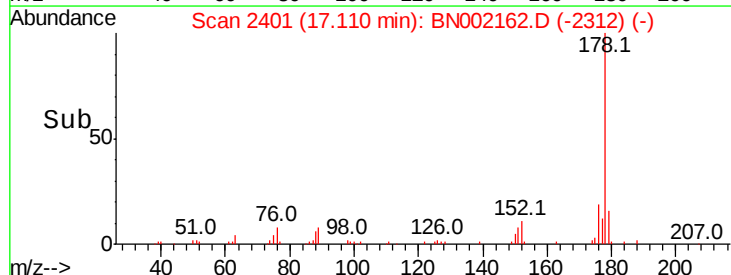
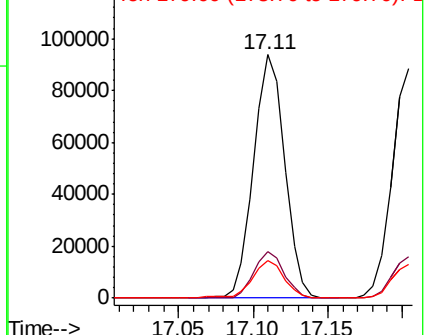
179 15.6 12.5 18.7

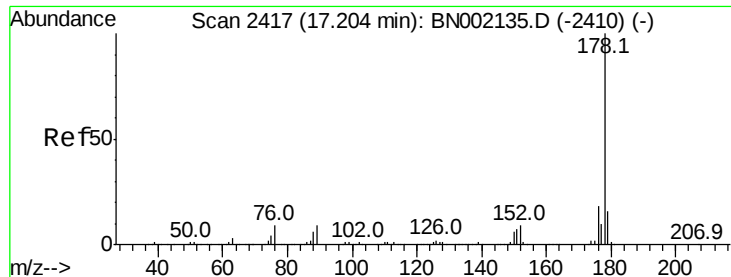


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

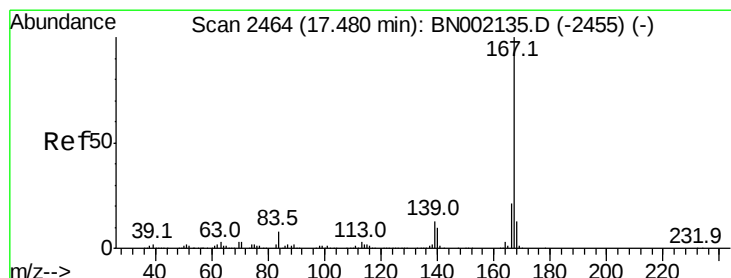
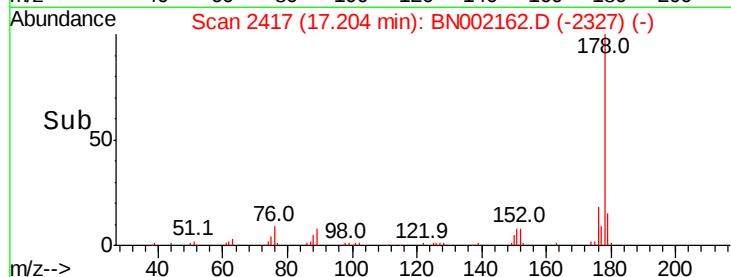
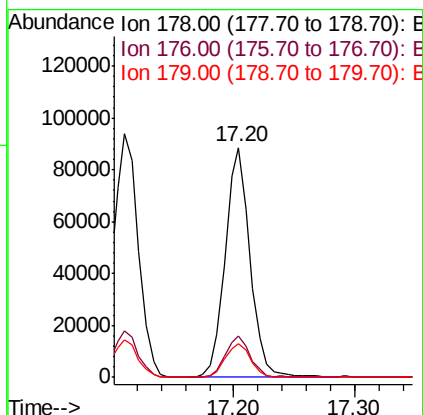
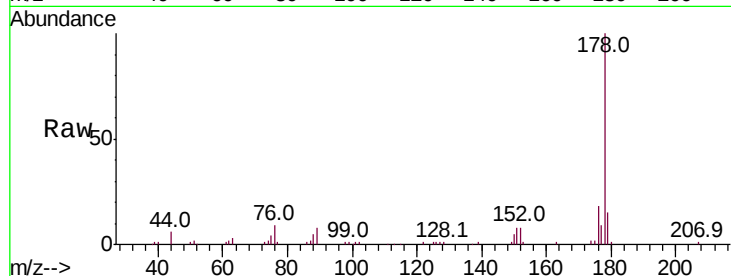




#71  
 Anthracene  
 Concen: 1.977 ng  
 RT: 17.20 min Scan# 2417  
 Delta R.T. -0.00 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

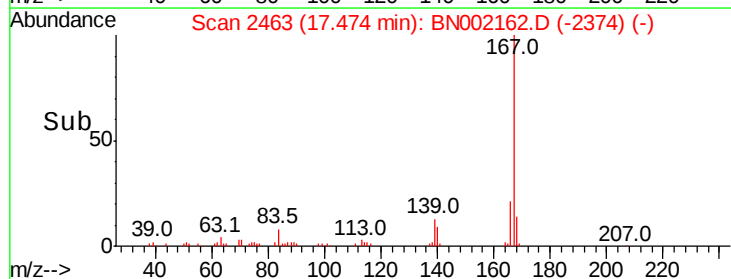
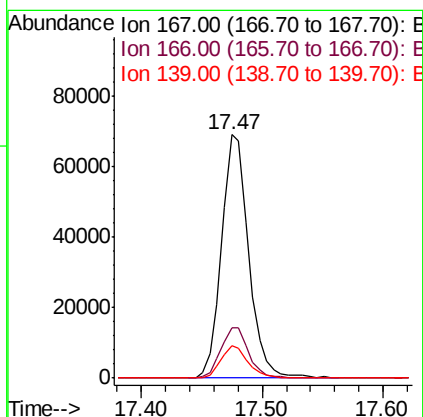
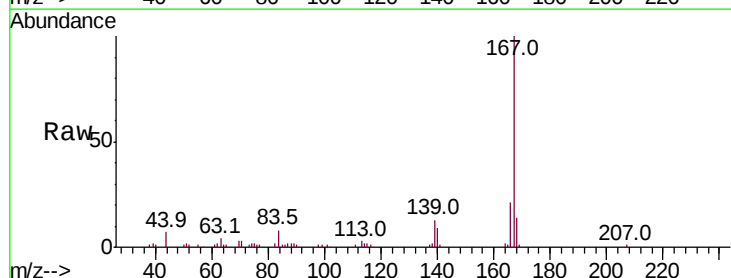
Instrument :  
 BNA\_N  
 ClientSampleId :

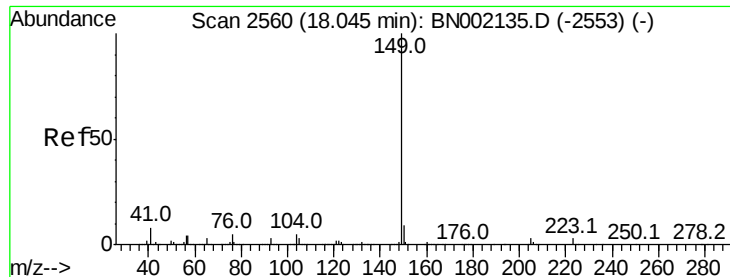
Tot Ion:178 Resp: 126120  
 Ion Ratio Lower Upper  
 178 100  
 176 17.9 16.0 24.0  
 179 14.7 12.5 18.7



#72  
 Carbazole  
 Concen: 1.676 ng  
 RT: 17.47 min Scan# 2463  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Tgt Ion:167 Resp: 107283  
 Ion Ratio Lower Upper  
 167 100  
 166 20.6 18.2 27.4  
 139 13.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 1.445 ng

RT: 18.05 min Scan# 2560

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

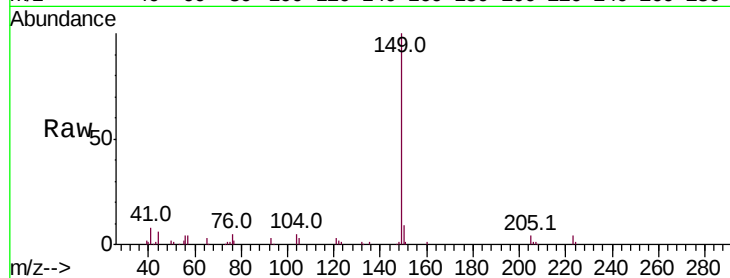
Tot Ion:149 Resp: 107911

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

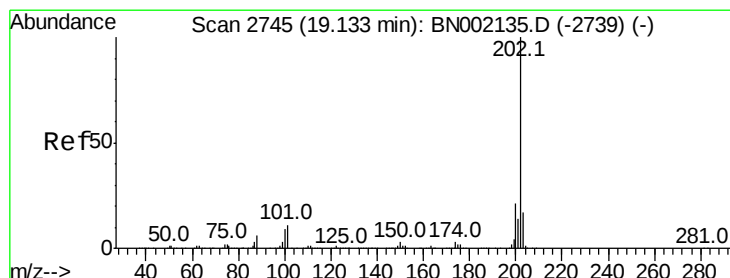
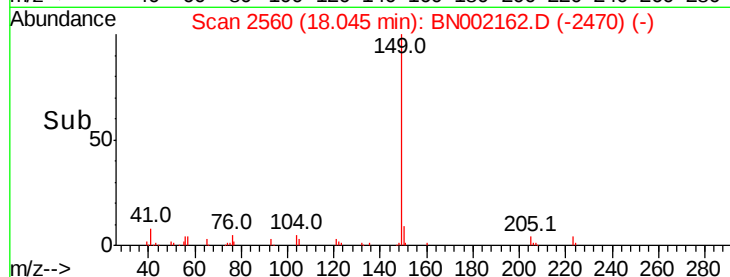
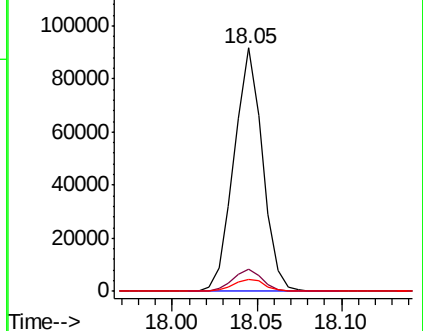
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 1.871 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

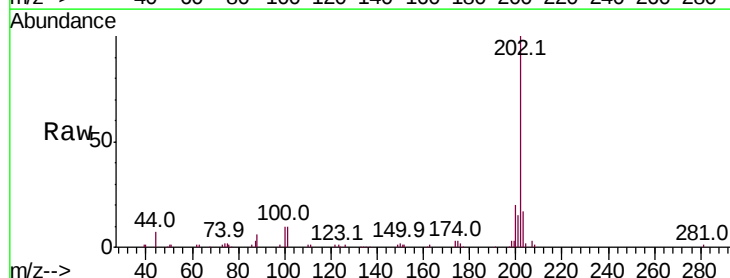
Tgt Ion:202 Resp: 130932

Ion Ratio Lower Upper

202 100

101 10.5 0.0 28.9

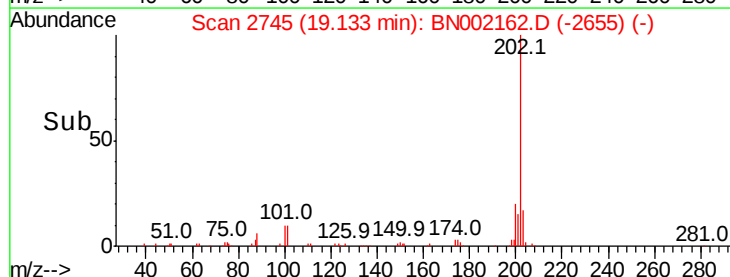
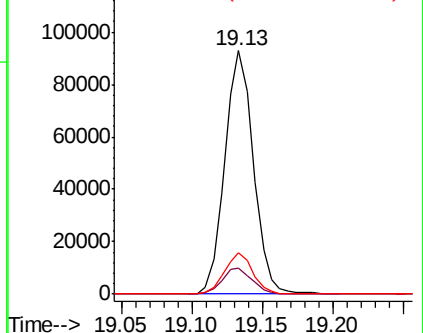
203 16.9 0.0 37.5

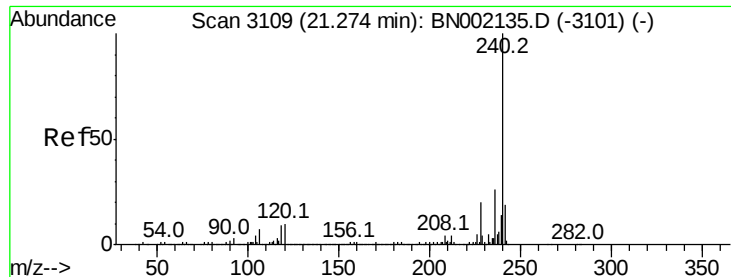


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.27 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

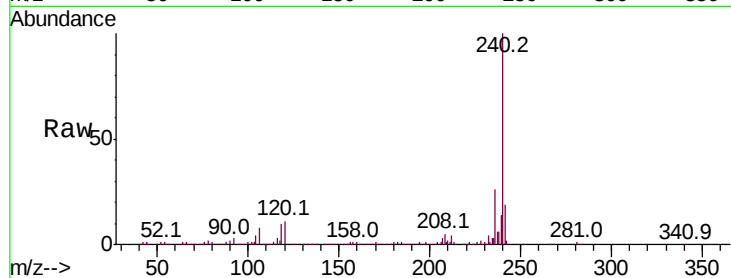
Tot Ion:240 Resp: 983360

Ion Ratio Lower Upper

240 100

120 10.5 6.8 10.2#

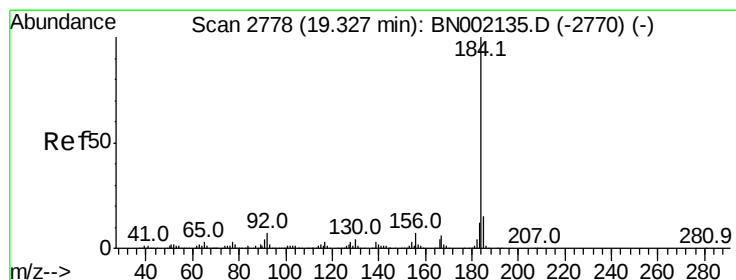
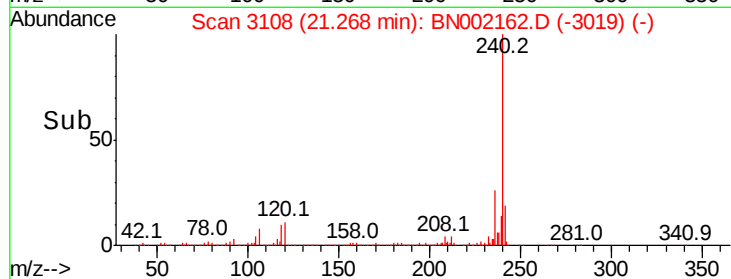
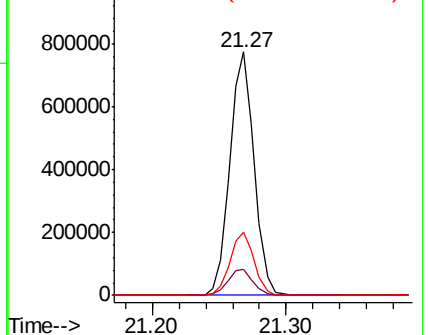
236 26.2 20.9 31.3



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: 0.742 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

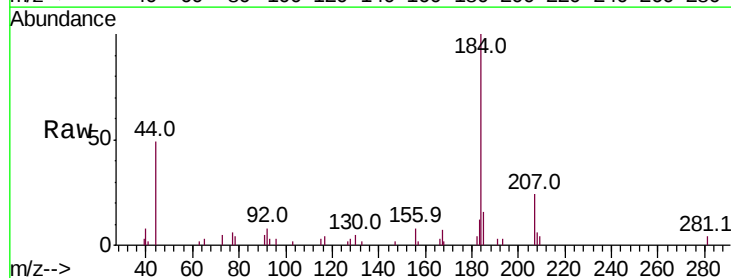
Tgt Ion:184 Resp: 23782

Ion Ratio Lower Upper

184 100

185 15.8 11.1 16.7

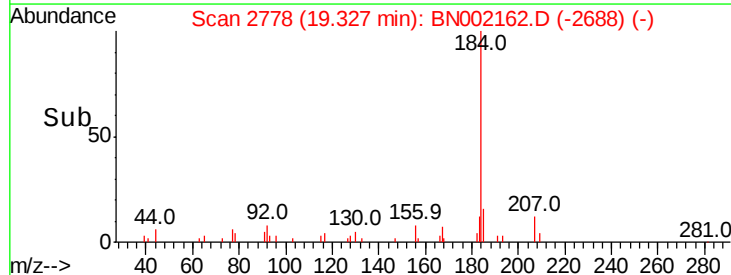
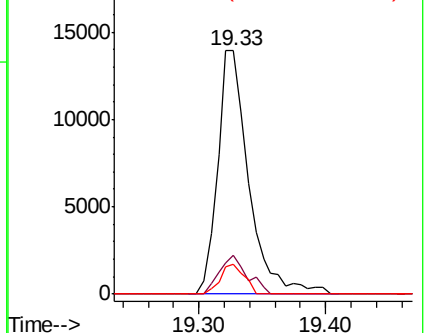
183 12.4 10.6 16.0

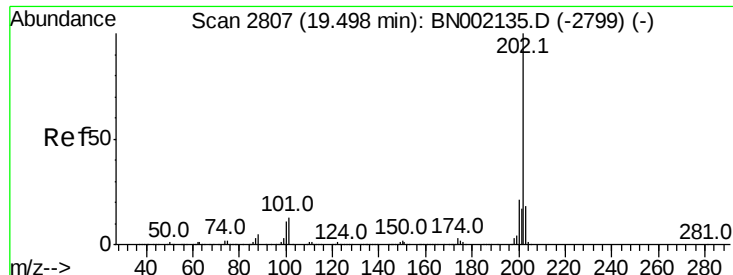


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

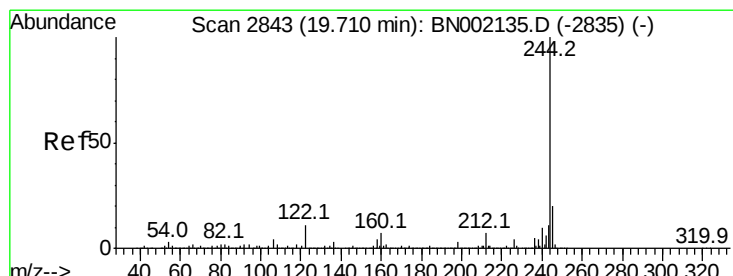
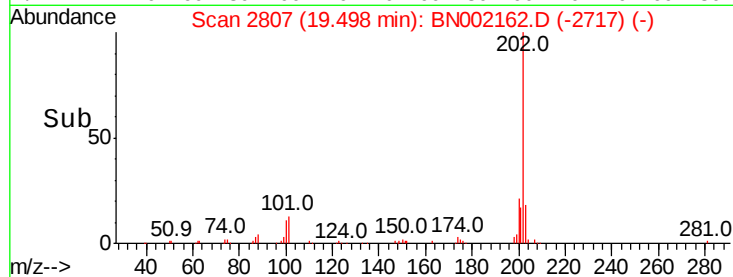
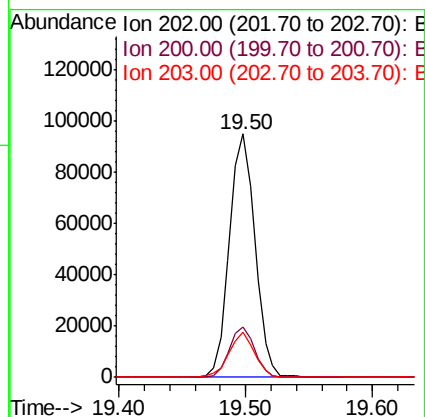
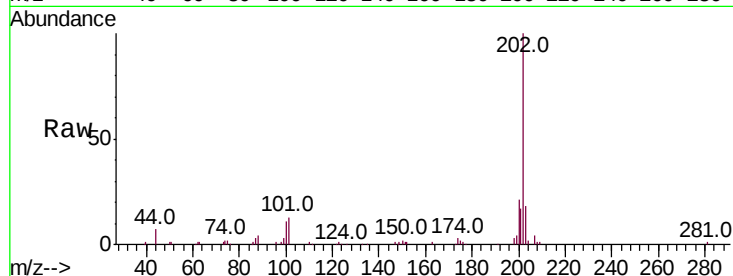




#77  
Pvrene  
Concen: 1.959 ng  
RT: 19.50 min Scan# 2807  
Delta R.T. -0.00 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

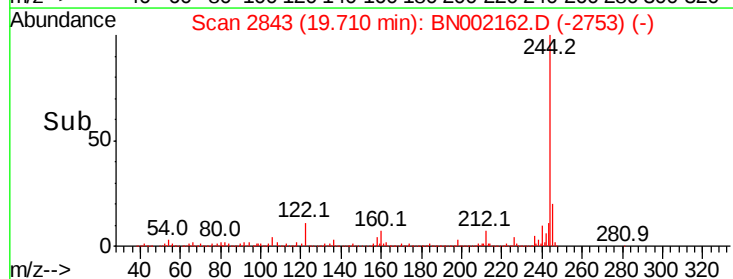
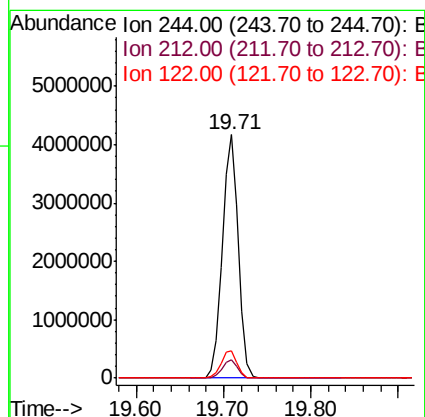
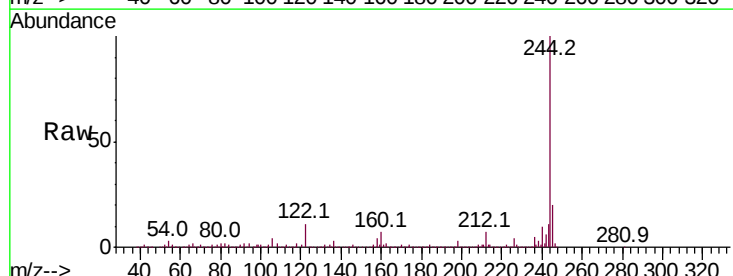
Instrument :  
BNA\_N  
ClientSampleId :

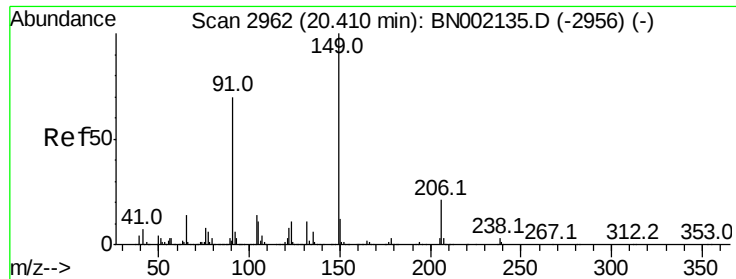
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 20.8  | 16.9  | 25.3  |
| 203     | 18.3  | 13.9  | 20.9  |



#78  
Terphenyl-d14  
Concen: 110.569 ng  
RT: 19.71 min Scan# 2843  
Delta R.T. -0.00 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.4   | 5.8   | 8.8   |
| 122     | 11.0  | 7.0   | 10.4  |

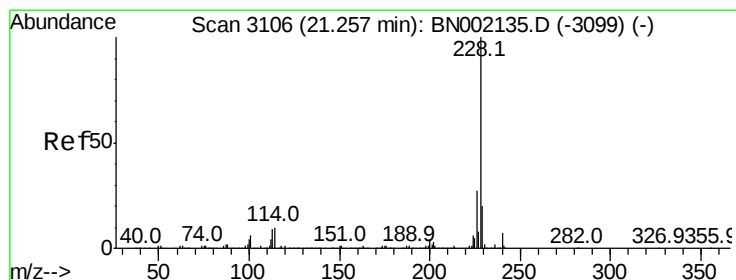
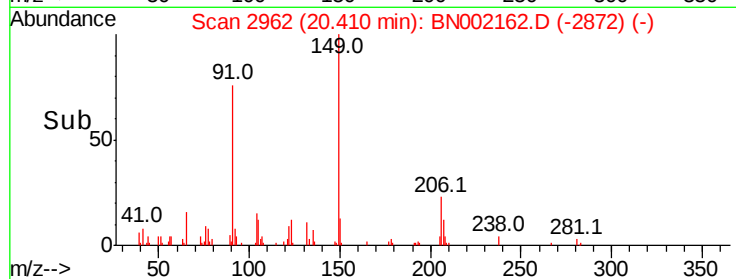
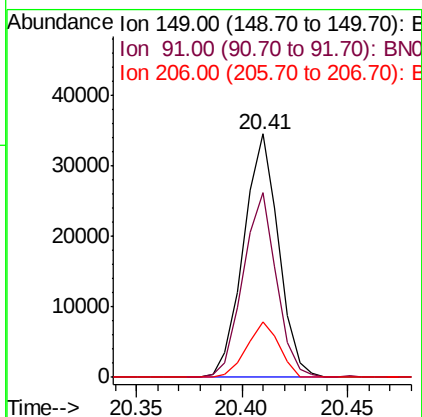
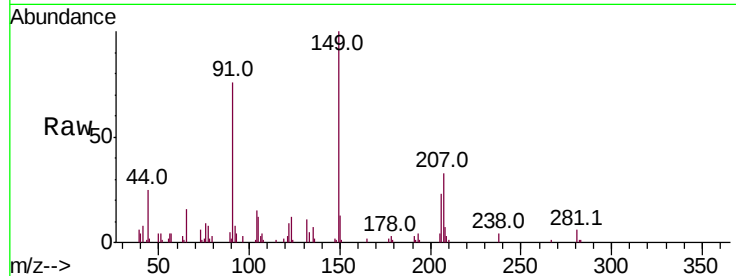




#79  
Butylbenzylphthalate  
Concen: 1.346 ng  
RT: 20.41 min Scan# 2962  
Delta R.T. -0.00 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

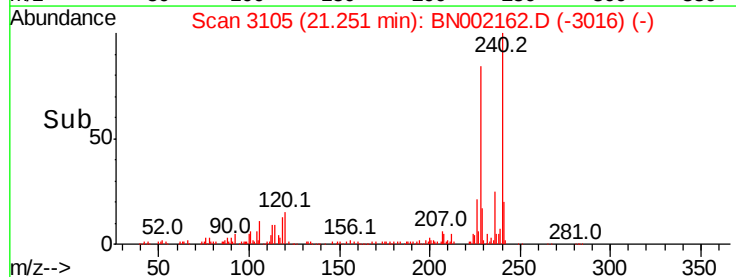
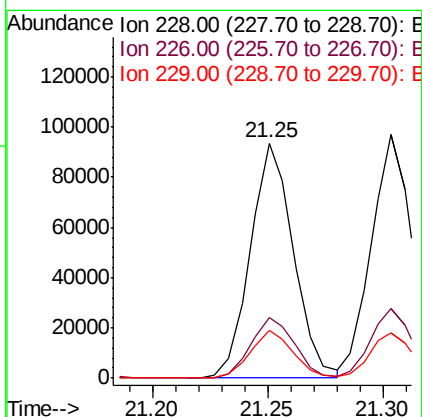
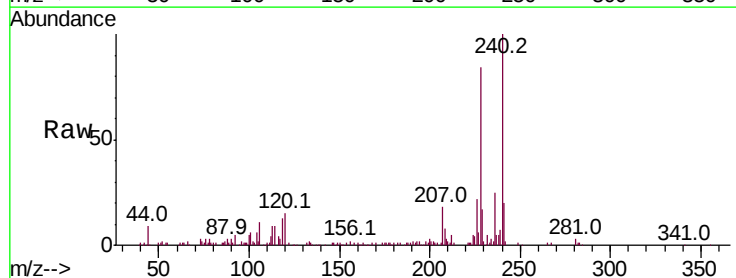
Instrument :  
BNA\_N  
ClientSampleId :

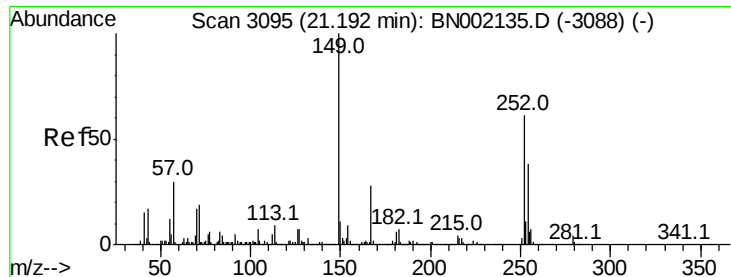
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.1  | 62.2  | 93.2  |
| 206     | 22.5  | 18.6  | 27.8  |



#80  
Benzo(a)anthracene  
Concen: 2.030 ng  
RT: 21.25 min Scan# 3105  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 26.0  | 22.7  | 34.1  |
| 229     | 20.4  | 16.2  | 24.2  |





#81

3,3'-Dichlorobenzidine

Concen: 1.088 ng

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

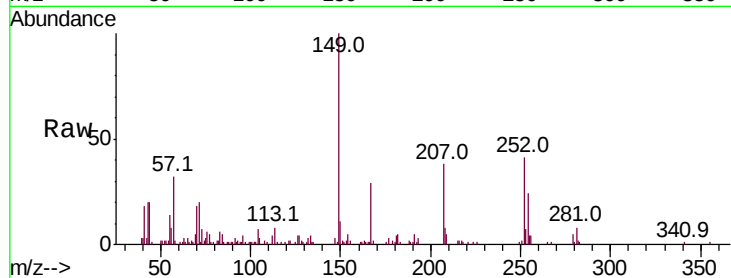
Tot Ion:252 Resp: 25412

Ion Ratio Lower Upper

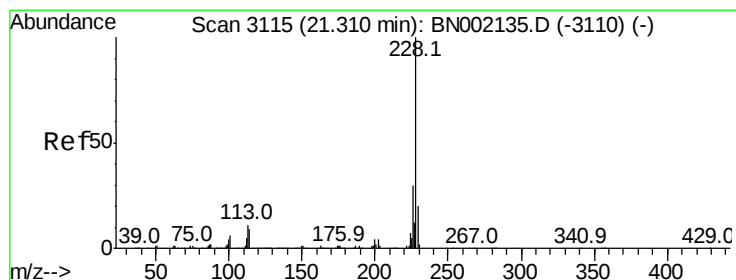
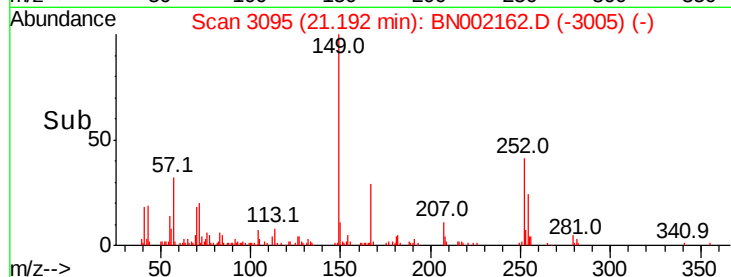
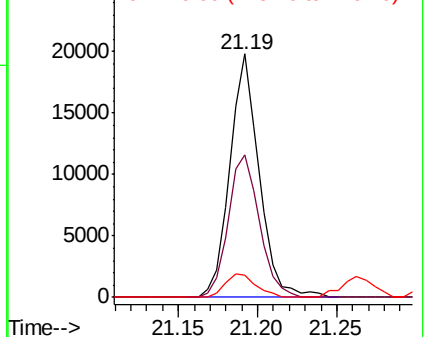
252 100

254 58.8 50.8 76.2

126 8.9 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: 2.096 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

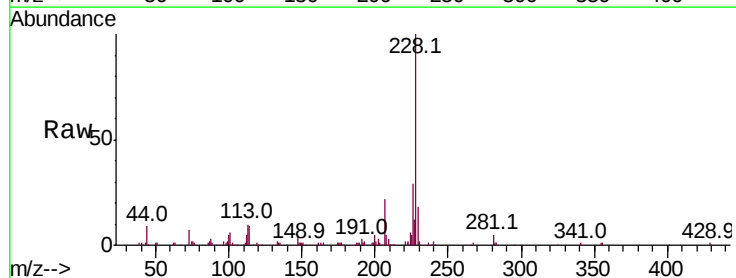
Tgt Ion:228 Resp: 119629

Ion Ratio Lower Upper

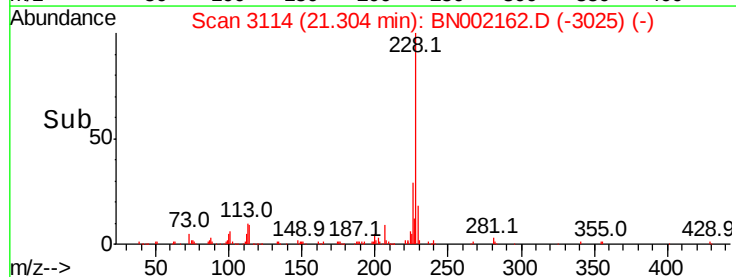
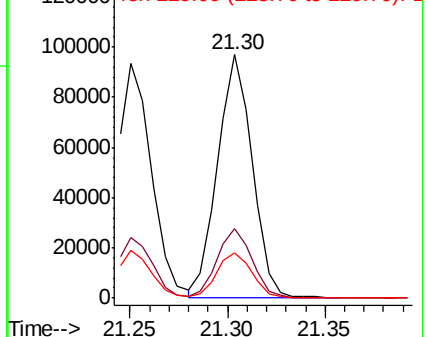
228 100

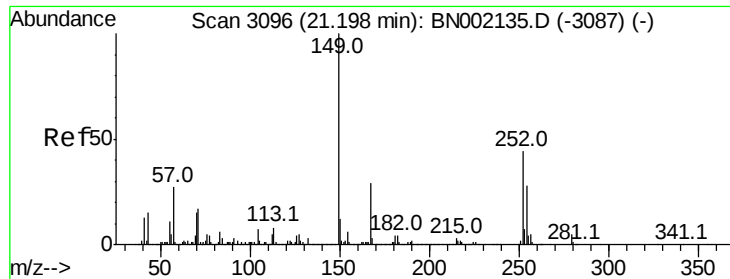
226 28.8 24.9 37.3

229 18.4 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

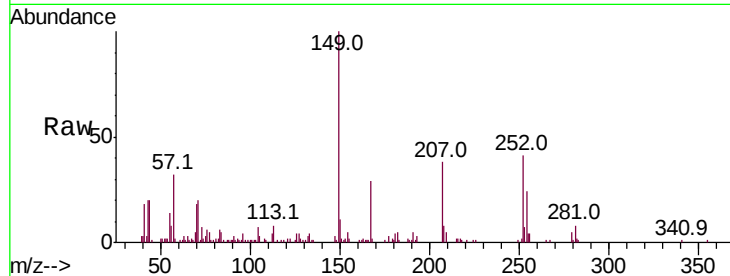




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 1.338 ng  
 RT: 21.19 min Scan# 3095  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

Instrument :  
 BNA\_N  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.2  | 24.3  | 36.5  |
| 279     | 4.9   | 4.0   | 6.0   |

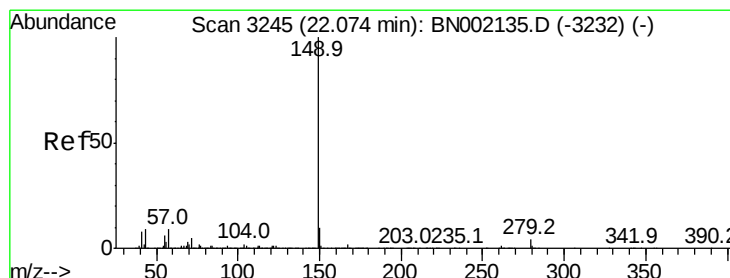
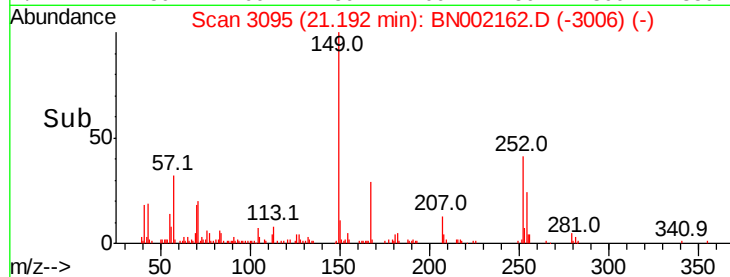
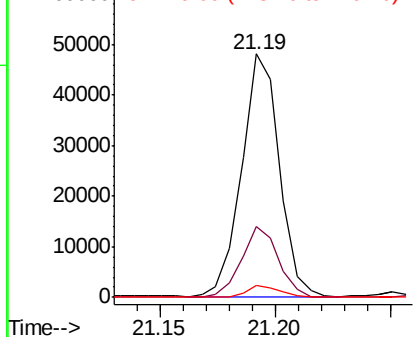


Abundance

Ion 149.00 (148.70 to 149.70): E

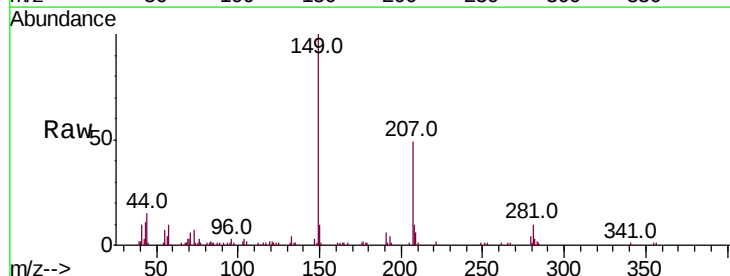
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 1.347 ng  
 RT: 22.07 min Scan# 3244  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.4   | 1.4   | 2.0   |
| 43      | 10.5  | 8.9   | 13.3  |

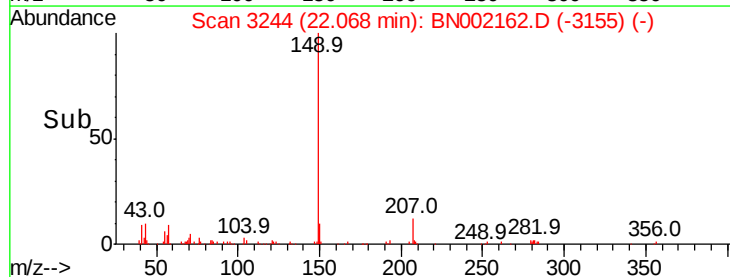
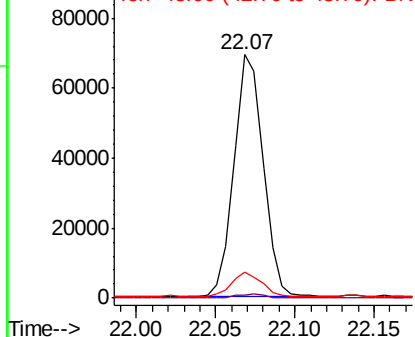


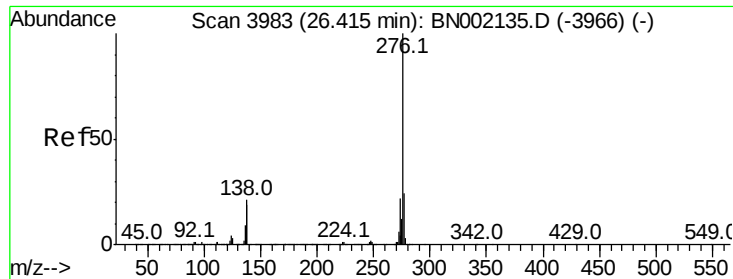
Abundance

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

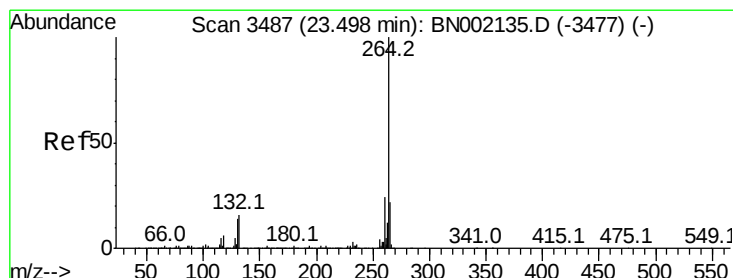
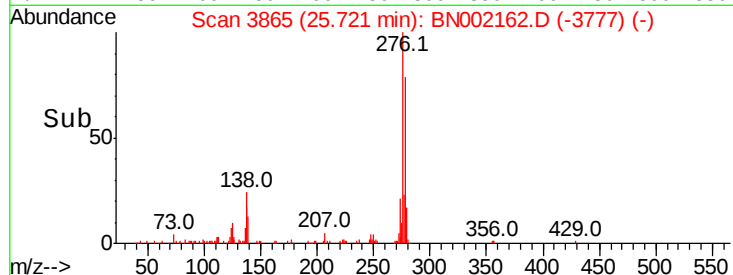
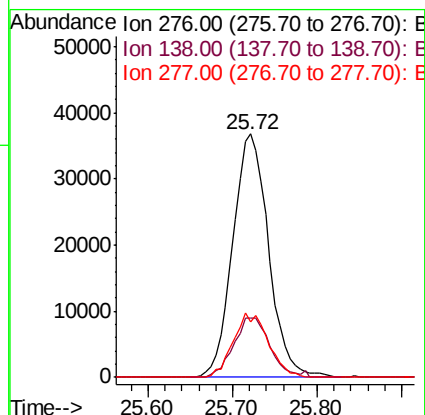
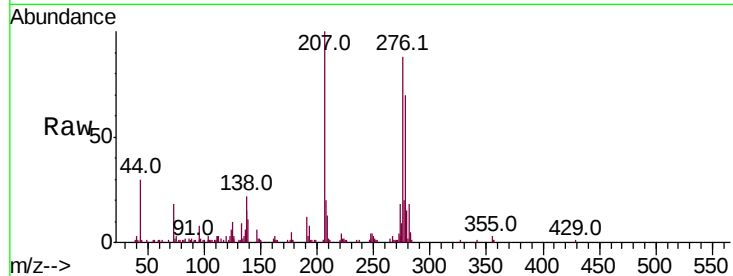




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 1.937 ng  
 RT: 25.72 min Scan# 3865  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

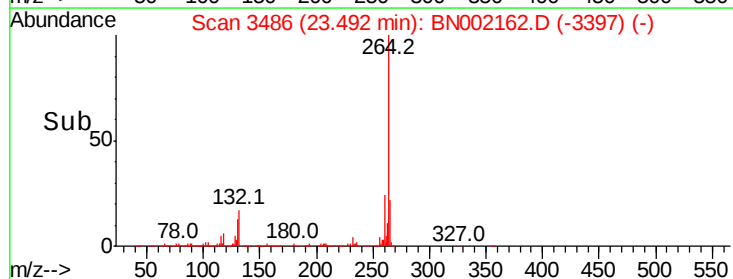
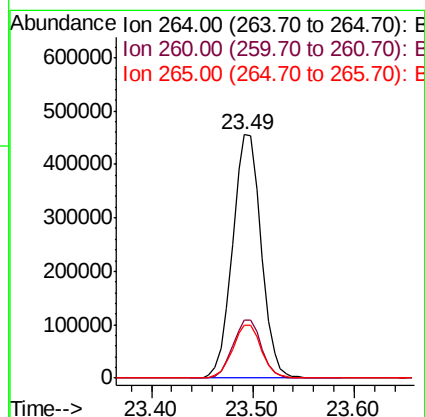
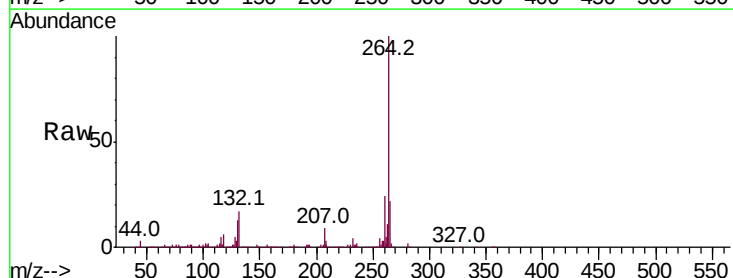
Instrument :  
 BNA\_N  
 ClientSampleId :

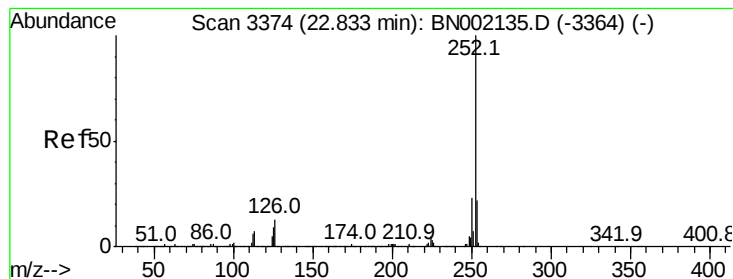
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 25.2  | 16.0  | 24.0# |
| 277     | 25.9  | 20.0  | 30.0  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.49 min Scan# 3486  
 Delta R.T. -0.01 min  
 Lab File: BN002162.D  
 Acq: 26 Jul 2018 06:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.8  | 17.4  | 26.0  |
| 265     | 21.7  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 1.986 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.01 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

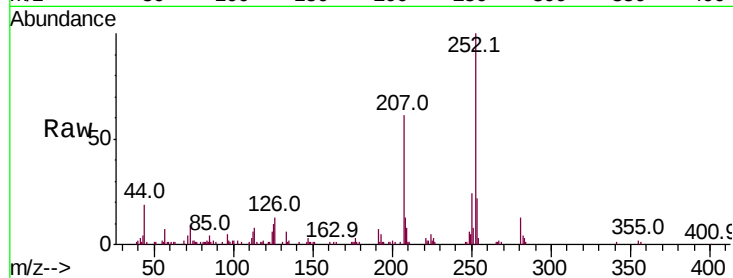
Tot Ion:252 Resp: 104696

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.4

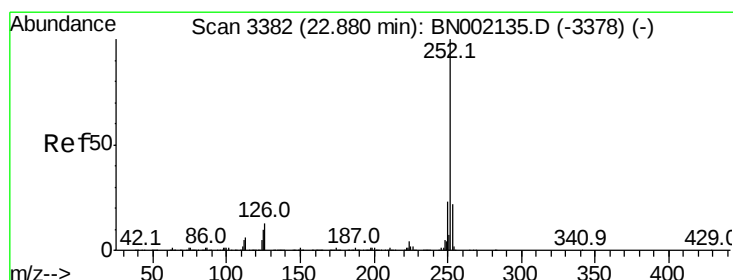
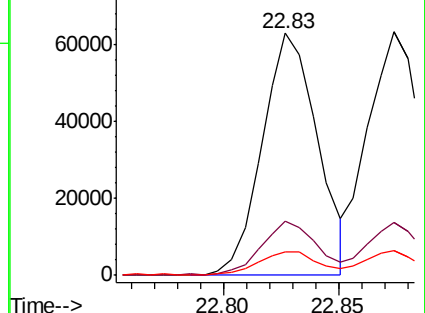
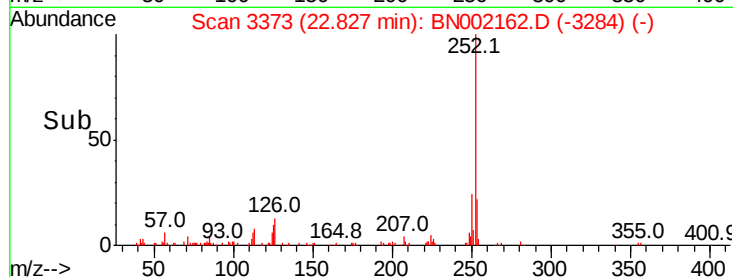
125 9.6 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 2.016 ng

RT: 22.83 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

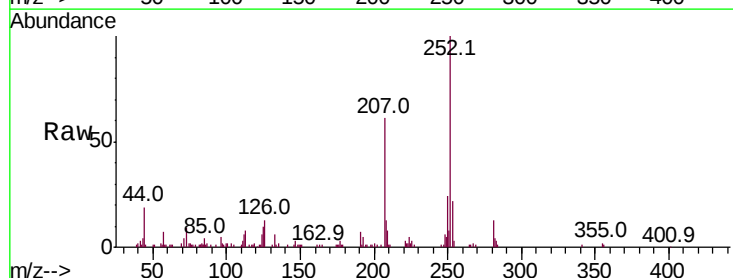
Tgt Ion:252 Resp: 104696

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

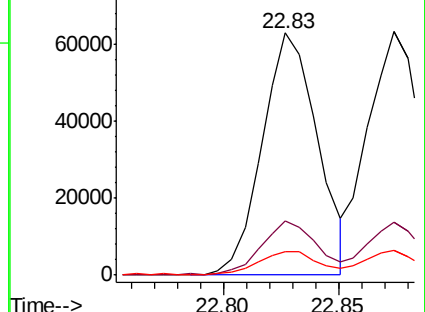
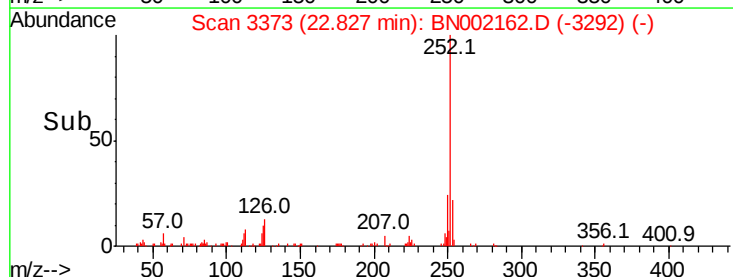
125 9.6 6.6 9.8

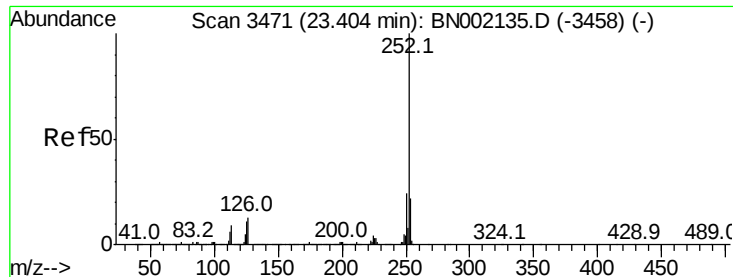


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

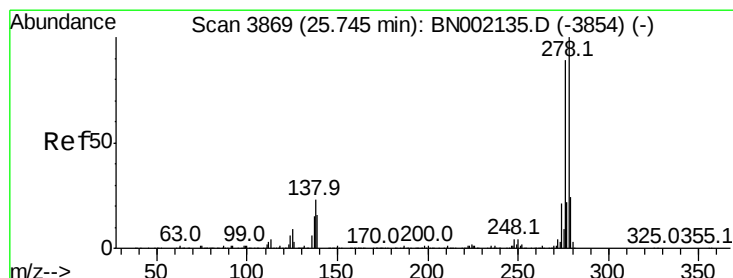
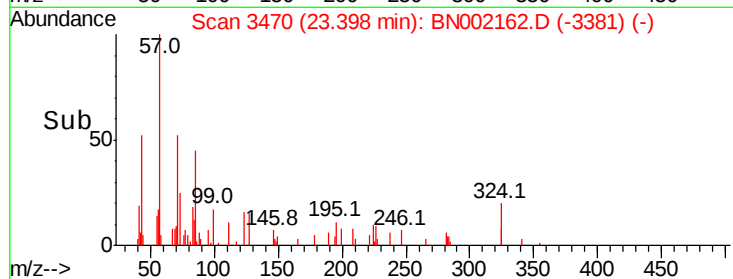
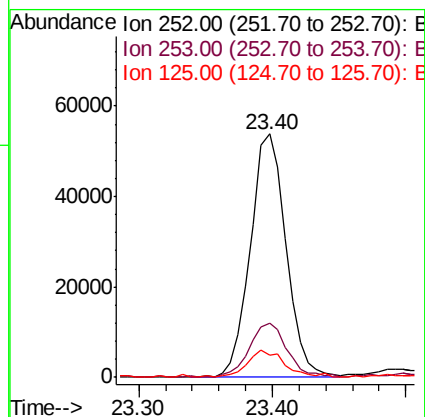
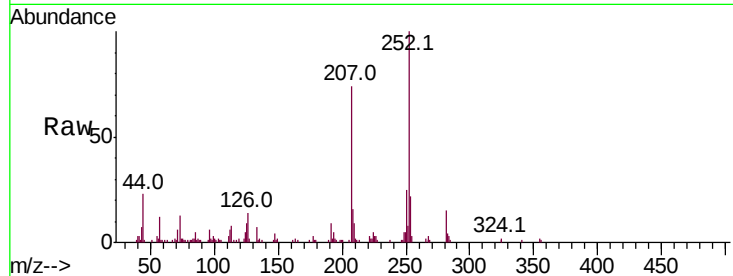




#89  
Benzo(a)pyrene  
Concen: 2.023 ng  
RT: 23.40 min Scan# 3470  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

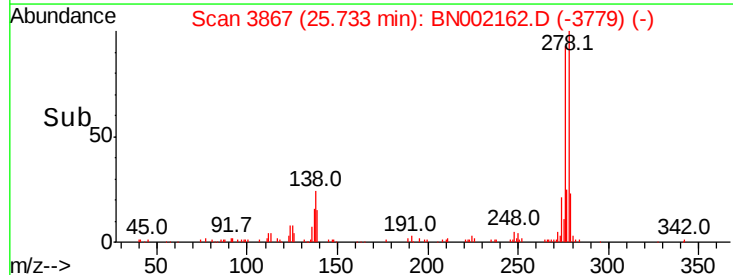
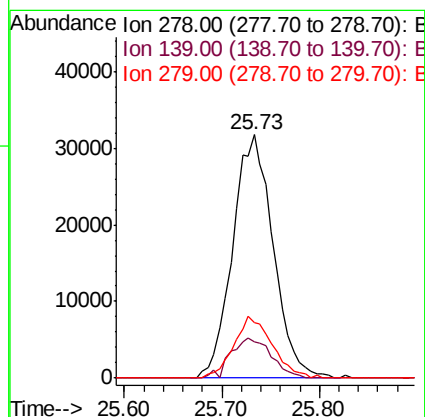
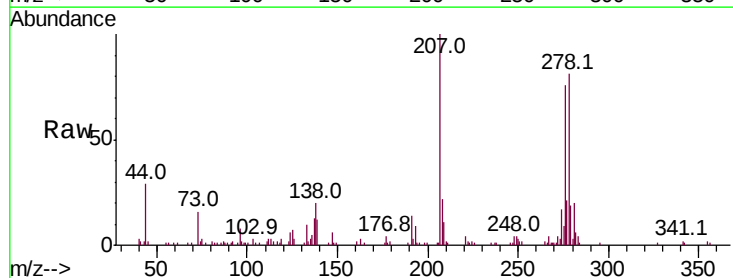
Instrument :  
BNA\_N  
ClientSampleId :

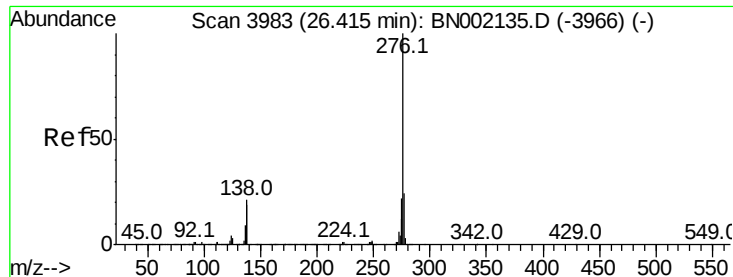
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 18.3  | 27.5  |
| 125     | 9.3   | 7.3   | 10.9  |



#90  
Dibenzo(a,h)anthracene  
Concen: 1.978 ng  
RT: 25.73 min Scan# 3867  
Delta R.T. -0.01 min  
Lab File: BN002162.D  
Acq: 26 Jul 2018 06:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.0  | 9.8   | 14.6# |
| 279     | 23.0  | 18.4  | 27.6  |





#91

Benzo(a,h,i)perylene

Concen: 2.054 ng

RT: 26.40 min Scan# 3980

Delta R.T. -0.02 min

Lab File: BN002162.D

Acq: 26 Jul 2018 06:48

Instrument :

BNA\_N

ClientSampleId :

Tot Ion: 276 Resp: 91768

Ion Ratio Lower Upper

276 100

277 21.9 18.3 27.5

138 18.2 13.9 20.9

