

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081718\  
 Data File : BN002396.D  
 Acq On : 18 Aug 2018 01:34  
 Operator : JU/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 18 04:26:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 18 03:20:23 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.68  | 152  | 150011   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 728989   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 454113   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1084493  | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.25 | 240  | 1220756  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.47 | 264  | 1279641  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.23  | 96  | 25968   | 8.17  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 290118  | 21.09 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.02  | 67  | 184844  | 21.40 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 222788  | 21.27 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 232711  | 21.16 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 121484  | 20.93 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.54  | 143 | 131931  | 21.62 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.08 | 165 | 242683  | 21.64 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.59 | 131 | 255784  | 21.10 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.72 | 166 | 802585  | 21.32 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.00 | 160 | 1007322 | 21.81 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.52 | 143 | 144303  | 20.28 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.30 | 176 | 703160  | 21.54 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 135905  | 19.68 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.15 | 188 | 1099492 | 21.22 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.45 | 212 | 1232654 | 21.10 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.33 | 264 | 1437867 | 21.49 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.27  | 88  | 27728  | 8.155  | ng/uL  | 90 |
| 4) Benzaldehyde                | 6.83  | 77  | 202043 | 21.381 | ng/ul  | 96 |
| 6) Phenol                      | 6.88  | 94  | 297704 | 21.253 | ng/ul  | 95 |
| 8) Bis(2-Chloroethyl)ether     | 7.11  | 93  | 223391 | 20.978 | ng/ul# | 86 |
| 10) 2-Chlorophenol             | 7.25  | 128 | 222207 | 21.066 | ng/ul# | 88 |
| 11) 2-Methylphenol             | 8.12  | 108 | 225793 | 21.359 | ng/ul  | 96 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 395322 | 22.415 | ng/ul# | 84 |
| 14) Acetophenone               | 8.49  | 105 | 377982 | 21.501 | ng/ul# | 89 |
| 15) N-Nitroso-di-n-propylamine | 8.48  | 70  | 205549 | 22.159 | ng/ul# | 82 |
| 16) 4-Methylphenol             | 8.45  | 108 | 248531 | 21.609 | ng/ul  | 95 |
| 17) Hexachloroethane           | 8.74  | 117 | 92940  | 21.035 | ng/ul  | 97 |
| 20) Nitrobenzene               | 8.86  | 77  | 296121 | 21.324 | ng/ul  | 92 |
| 21) Isophorone                 | 9.38  | 82  | 583196 | 21.785 | ng/ul  | 97 |
| 23) 2-Nitrophenol              | 9.57  | 139 | 136226 | 21.239 | ng/ul# | 87 |
| 24) 2,4-Dimethylphenol         | 9.63  | 107 | 284511 | 21.631 | ng/ul  | 97 |
| 25) Bis(2-Chloroethoxy)methane | 9.87  | 93  | 331874 | 21.042 | ng/ul  | 99 |
| 27) 2,4-Dichlorophenol         | 10.10 | 162 | 236846 | 21.814 | ng/ul  | 99 |
| 28) Naphthalene                | 10.50 | 128 | 792220 | 21.122 | ng/ul  | 98 |
| 30) 4-Chloroaniline            | 10.61 | 127 | 260694 | 21.274 | ng/ul  | 98 |
| 31) Hexachlorobutadiene        | 10.78 | 225 | 142761 | 20.887 | ng/ul  | 98 |
| 32) Caprolactam                | 11.36 | 113 | 89181  | 21.864 | ng/ul# | 47 |
| 33) 4-Chloro-3-methylphenol    | 11.75 | 107 | 274144 | 21.942 | ng/ul  | 98 |
| 34) 2-Methylnaphthalene        | 12.11 | 142 | 592097 | 21.389 | ng/ul  | 99 |

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 Data File : BN002396.D  
 Acq On : 18 Aug 2018 01:34  
 Operator : JU/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

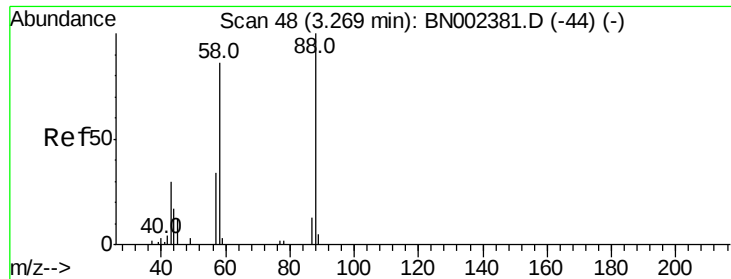
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Aug 18 04:26:41 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\SOM-EPA-BN081318MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 18 03:20:23 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216  | 288941   | 21.006 | ng/ul  | 99       |
| 37) Hexachlorocyclopentadiene  | 12.46 | 237  | 157173   | 18.810 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.73 | 196  | 189970   | 21.448 | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 12.80 | 196  | 207926   | 21.939 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.13 | 154  | 768043   | 21.127 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.18 | 162  | 606186   | 21.391 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.39 | 65   | 203451   | 22.542 | ng/ul# | 82       |
| 44) Dimethylphthalate          | 13.77 | 163  | 783388   | 21.218 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.89 | 165  | 163456   | 21.913 | ng/ul  | 90       |
| 47) Acenaphthylene             | 14.03 | 152  | 950496   | 21.618 | ng/ul  | 100      |
| 48) 3-Nitroaniline             | 14.22 | 138  | 152754   | 21.523 | ng/ul  | 92       |
| 49) Acenaphthene               | 14.37 | 153  | 669838   | 21.597 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.43 | 184  | 77286    | 17.318 | ng/ul# | 1        |
| 52) 4-Nitrophenol              | 14.53 | 109  | 113892   | 21.117 | ng/ul# | 80       |
| 53) Dibenzofuran               | 14.71 | 168  | 937249   | 21.420 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.68 | 165  | 251143   | 22.330 | ng/ul# | 83       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.94 | 232  | 181146   | 21.890 | ng/ul  | 99       |
| 56) Diethylphthalate           | 15.14 | 149  | 822338   | 21.830 | ng/ul  | 100      |
| 58) Fluorene                   | 15.36 | 166  | 780253   | 21.795 | ng/ul  | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.36 | 204  | 380650   | 21.544 | ng/ul  | 95       |
| 60) 4-Nitroaniline             | 15.39 | 138  | 199385   | 21.738 | ng/ul  | 95       |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 140743   | 19.759 | ng/ul  | 99       |
| 64) N-Nitrosodiphenylamine     | 15.57 | 169  | 678437   | 21.409 | ng/ul  | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.25 | 248  | 234428   | 21.189 | ng/ul  | 92       |
| 66) Hexachlorobenzene          | 16.36 | 284  | 264020   | 21.383 | ng/ul  | 95       |
| 67) Atrazine                   | 16.53 | 200  | 244606   | 21.113 | ng/ul  | 99       |
| 68) Pentachlorophenol          | 16.71 | 266  | 136022   | 19.680 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.10 | 178  | 1270766  | 21.255 | ng/ul  | 100      |
| 71) Anthracene                 | 17.19 | 178  | 1292148  | 21.310 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.10 | 216  | 319860   | 21.093 | ng/ul  | 98       |
| 73) Pentachlorobenzene         | 14.63 | 250  | 299420   | 20.716 | ng/ul  | 100      |
| 74) Carbazole                  | 17.46 | 167  | 1171401  | 21.784 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.03 | 149  | 1424796  | 21.796 | ng/ul  | 100      |
| 76) Fluoranthene               | 19.12 | 202  | 1520526  | 22.346 | ng/ul  | 97       |
| 79) Pvrene                     | 19.48 | 202  | 1542704  | 20.958 | ng/ul  | 98       |
| 80) Butylbenzylphthalate       | 20.39 | 149  | 675862   | 21.670 | ng/ul  | 94       |
| 81) 3,3'-Dichlorobenzidine     | 21.17 | 252  | 485728   | 19.966 | ng/ul  | 99       |
| 82) Benzo(a)anthracene         | 21.24 | 228  | 1593282  | 21.304 | ng/ul  | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 1031886  | 22.058 | ng/ul  | 99       |
| 84) Chrysene                   | 21.29 | 228  | 1490687  | 21.060 | ng/ul  | 100      |
| 86) Di-n-octyl phthalate       | 22.05 | 149  | 1788372  | 21.991 | ng/ul# | 92       |
| 87) Benzo(b)fluoranthene       | 22.81 | 252  | 1670967  | 21.784 | ng/ul  | 99       |
| 88) Benzo(k)fluoranthene       | 22.86 | 252  | 1539541  | 21.305 | ng/ul  | 99       |
| 90) Benzo(a)pyrene             | 23.37 | 252  | 1579591  | 21.618 | ng/ul  | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.69 | 276  | 1817763  | 20.911 | ng/ul  | 97       |
| 92) Dibenzo(a,h)anthracene     | 25.70 | 278  | 1523515  | 20.964 | ng/ul  | 98       |
| 93) Benzo(g,h,i)perylene       | 26.37 | 276  | 1476338  | 20.355 | ng/ul  | 98       |

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





#2

1,4-Dioxane

Concen: 8.155 ng/uL

RT: 3.27 min Scan# 48

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampleId :

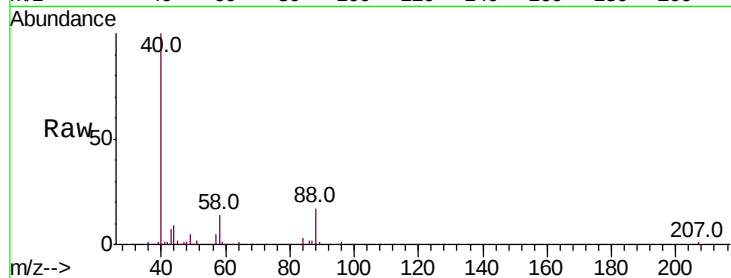
Tot Ion: 88 Resp: 27728

Ion Ratio Lower Upper

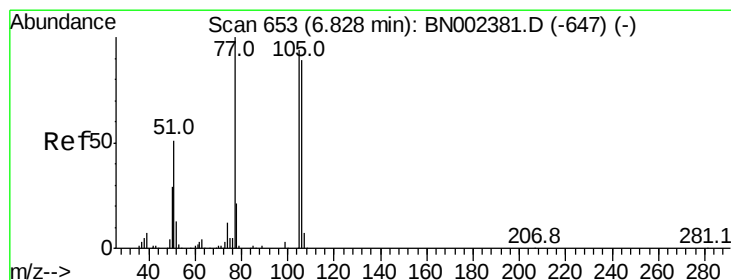
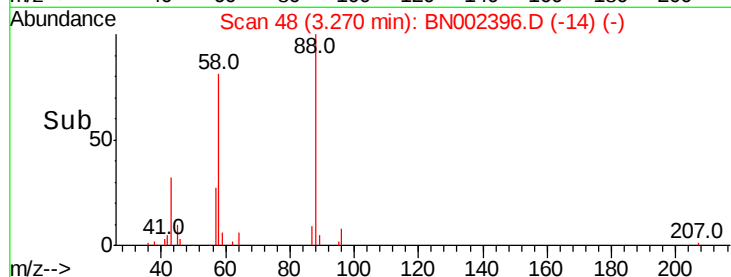
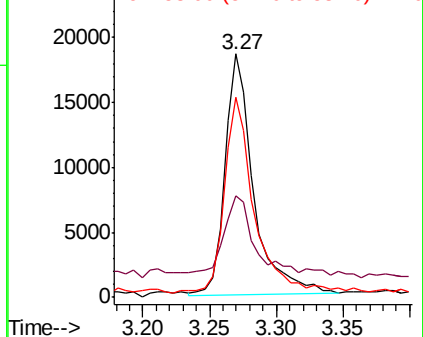
88 100

43 35.7 32.0 48.0

58 79.6 72.0 108.0



Abundance Ion 88.00 (87.70 to 88.70): BN0  
Ion 43.00 (42.70 to 43.70): BN0  
Ion 58.00 (57.70 to 58.70): BN0



#4

Benzaldehyde

Concen: 21.381 ng/uL

RT: 6.83 min Scan# 653

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

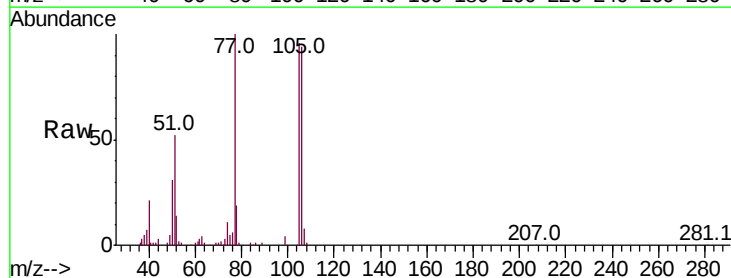
Tgt Ion: 77 Resp: 202043

Ion Ratio Lower Upper

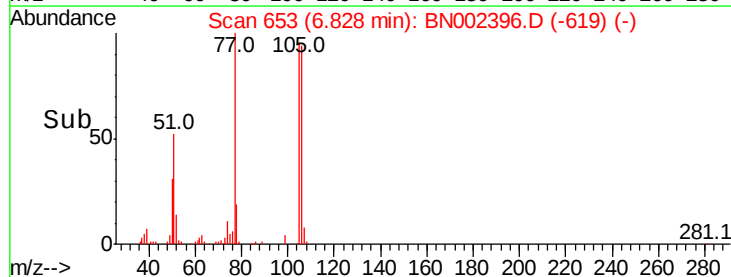
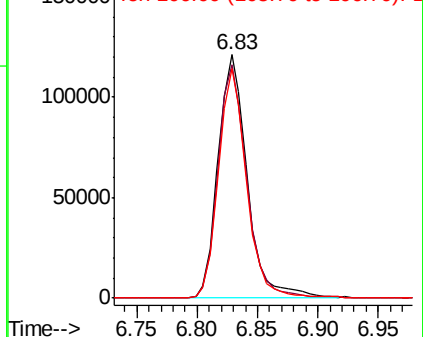
77 100

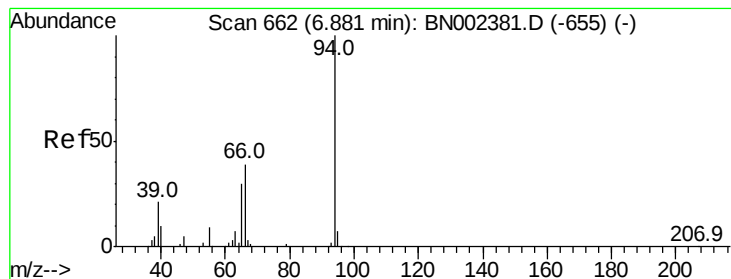
105 96.0 80.6 120.8

106 94.0 77.7 116.5



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 105.00 (104.70 to 105.70): BN0  
Ion 106.00 (105.70 to 106.70): BN0





#6

Phenol

Concen: 21.253 ng/ul

RT: 6.88 min Scan# 662

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampled :

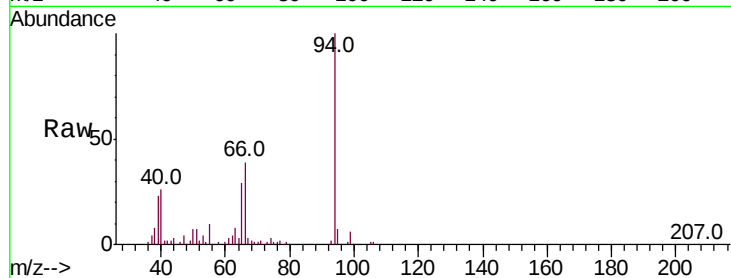
Tot Ion: 94 Resp: 297704

Ion Ratio Lower Upper

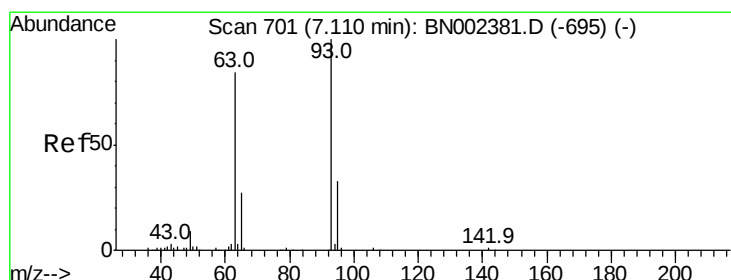
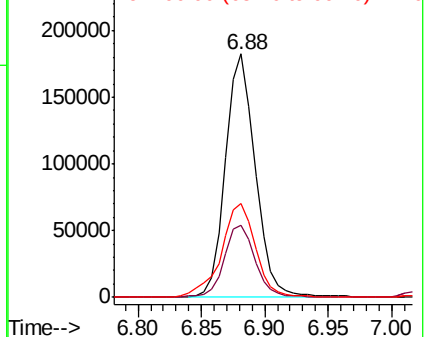
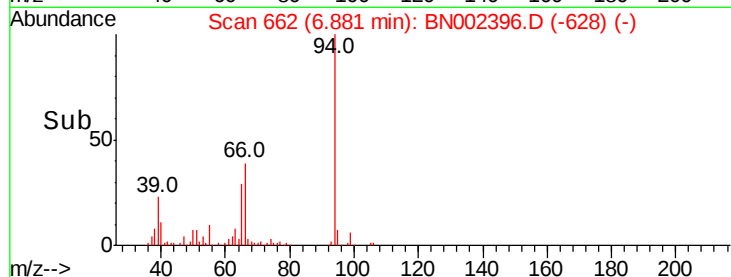
94 100

65 29.5 21.0 31.6

66 38.7 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BN0  
Ion 65.00 (64.70 to 65.70): BN0  
Ion 66.00 (65.70 to 66.70): BN0



#8

Bis(2-Chloroethyl)ether

Concen: 20.978 ng/ul

RT: 7.11 min Scan# 701

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

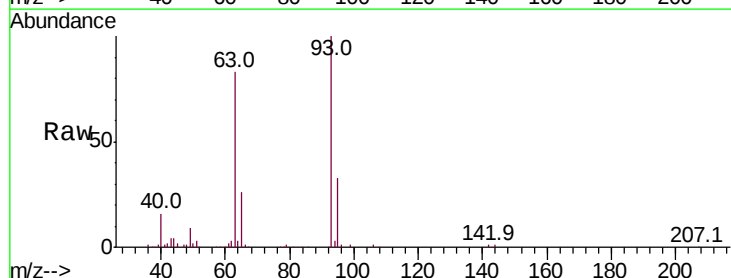
Tgt Ion: 93 Resp: 223391

Ion Ratio Lower Upper

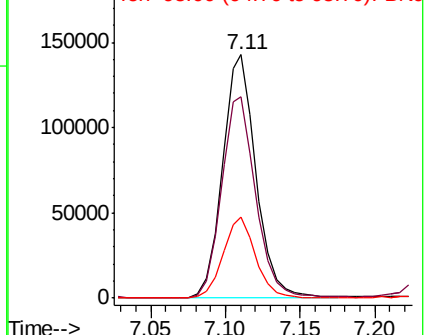
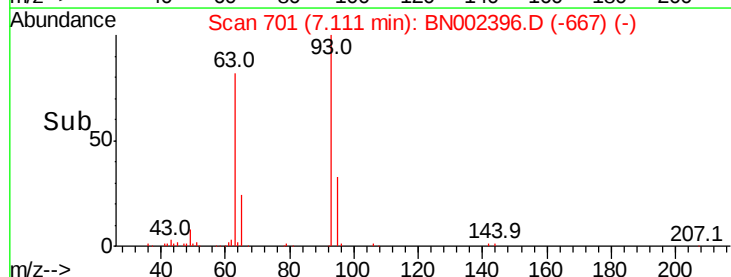
93 100

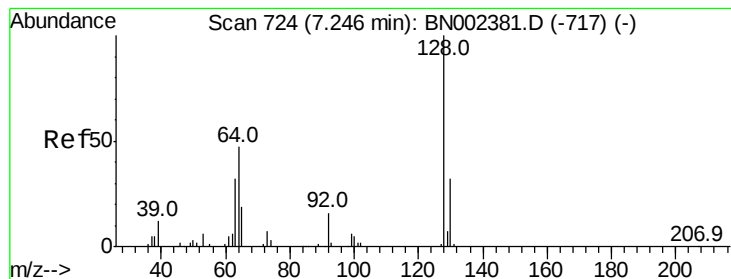
63 82.9 53.5 80.3#

95 33.1 26.2 39.2



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





#10

2-Chlorophenol

Concen: 21.066 ng/ul

RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampleId :

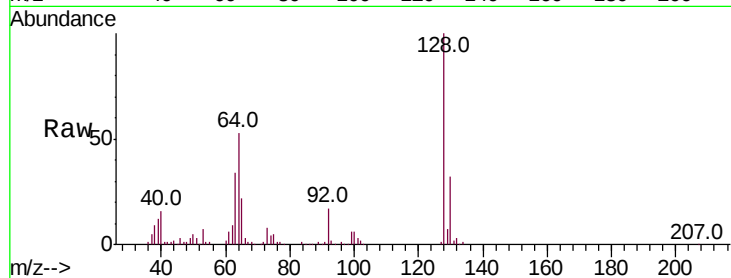
Tot Ion:128 Resp: 222207

Ion Ratio Lower Upper

128 100

64 52.8 31.9 47.9#

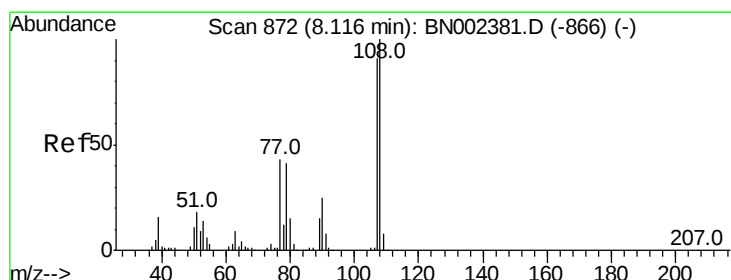
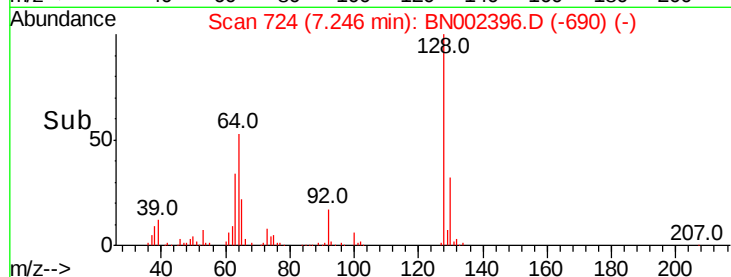
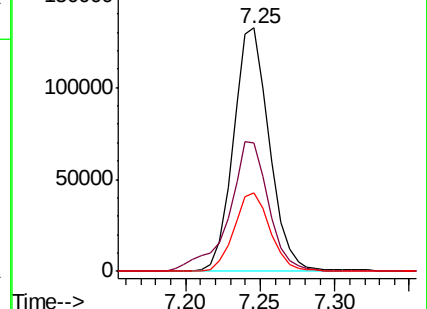
130 32.4 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BNC

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 21.359 ng/ul

RT: 8.12 min Scan# 872

Delta R.T. 0.00 min

Lab File: BN002396.D

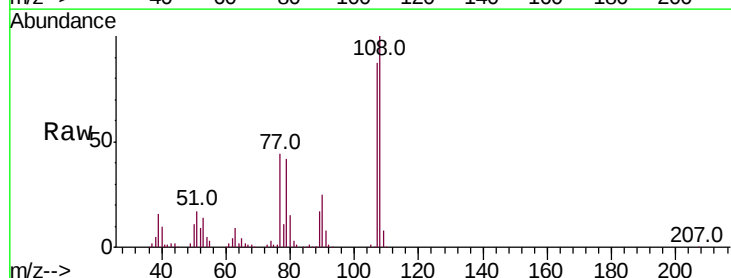
Acq: 18 Aug 2018 01:34

Tgt Ion:108 Resp: 225793

Ion Ratio Lower Upper

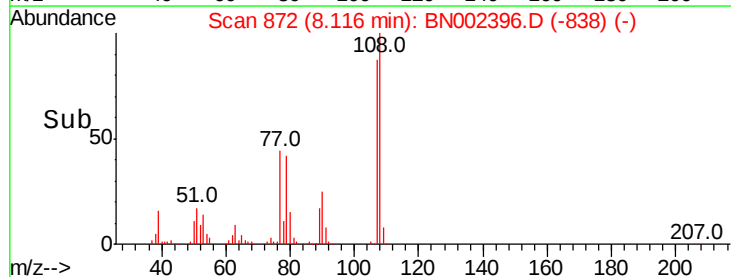
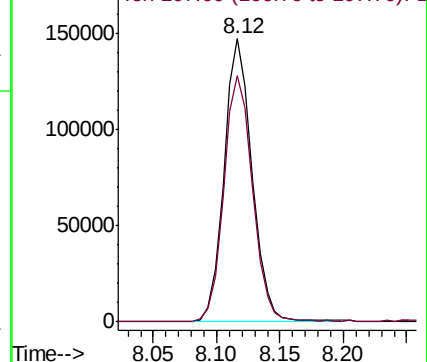
108 100

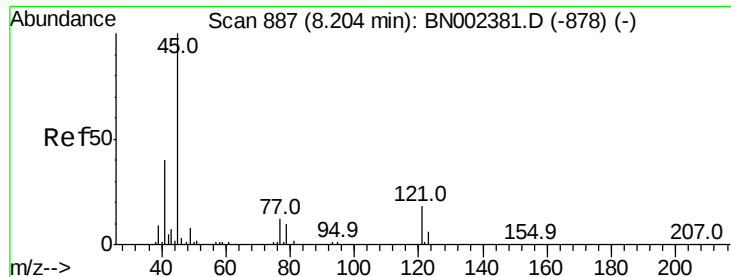
107 86.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 22.415 ng/ul

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampleId :

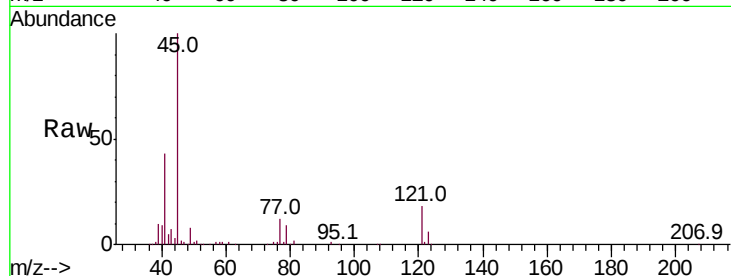
Tot Ion: 45 Resp: 395322

Ion Ratio Lower Upper

45 100

77 12.1 15.9 23.9#

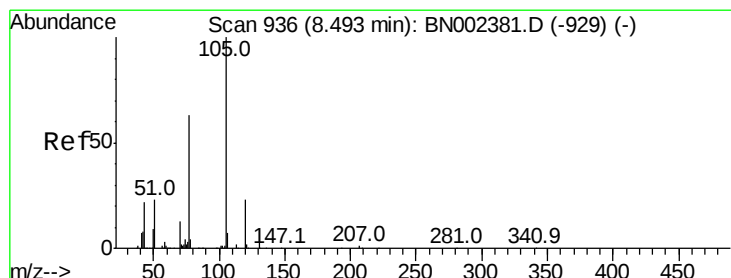
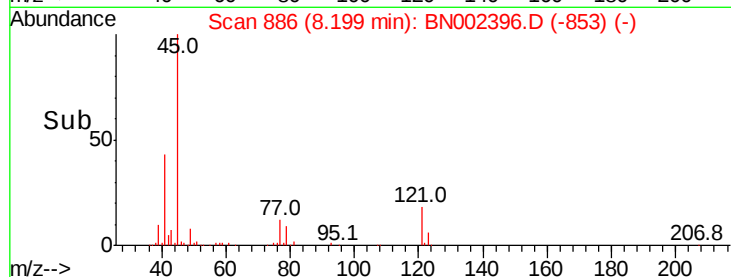
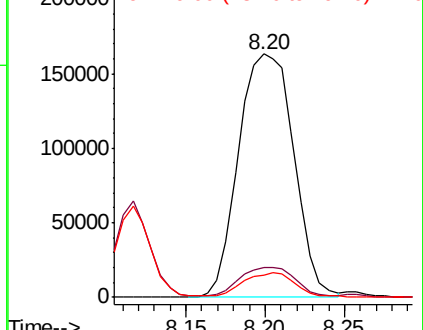
79 9.3 12.5 18.7#



Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC



#14

Acetophenone

Concen: 21.501 ng/ul

RT: 8.49 min Scan# 936

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

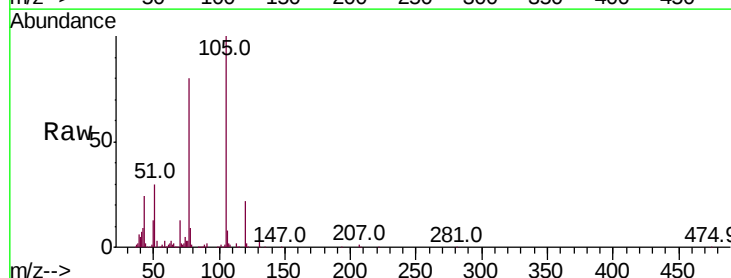
Tgt Ion:105 Resp: 377982

Ion Ratio Lower Upper

105 100

77 80.4 59.0 88.4

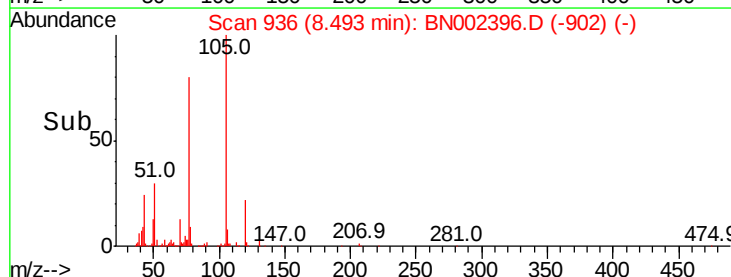
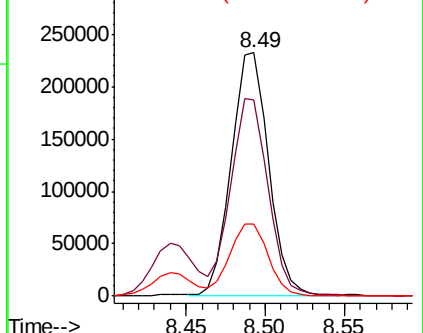
51 29.8 16.4 24.6#

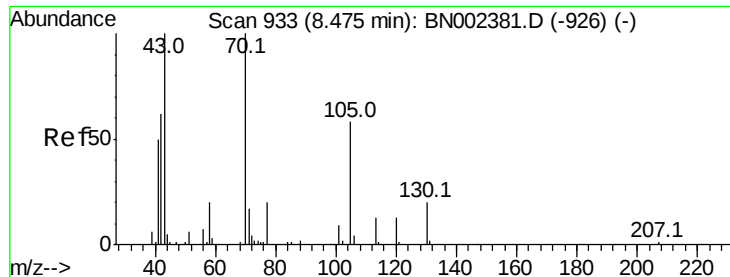


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC

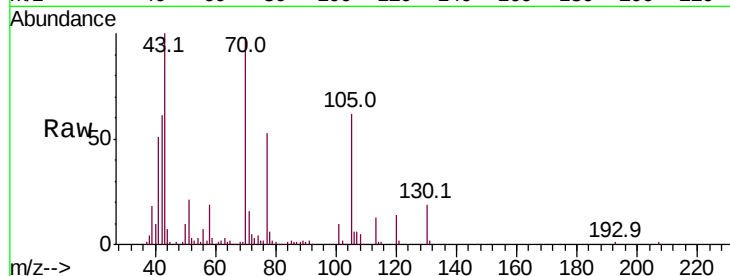




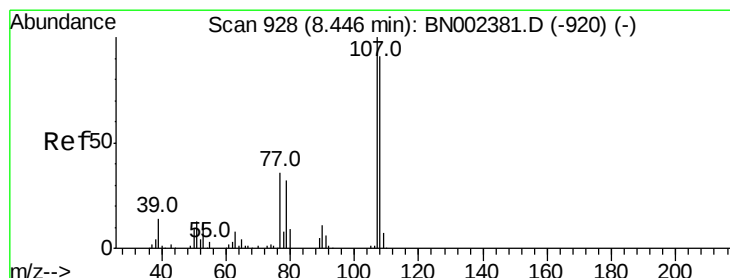
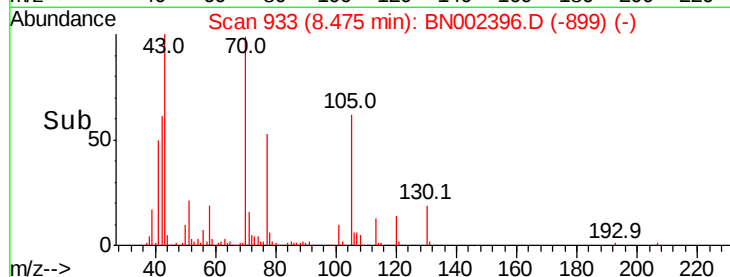
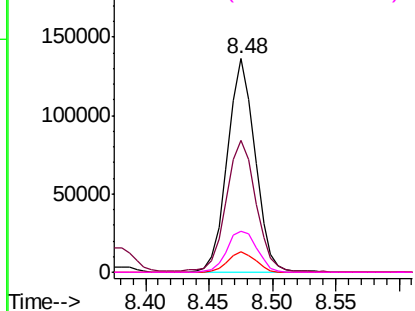
#15  
N-Nitroso-di-n-propylamine  
Concen: 22.159 ng/ul  
RT: 8.48 min Scan# 933  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion: 70 Resp: 205549  
Ion Ratio Lower Upper  
70 100  
42 61.6 35.4 53.0#  
101 9.9 8.4 12.6  
130 19.1 18.2 27.4

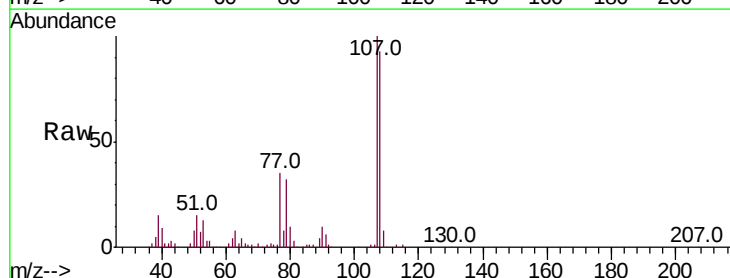


Abundance Ion 70.00 (69.70 to 70.70): BN0  
Ion 42.00 (41.70 to 42.70): BN0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

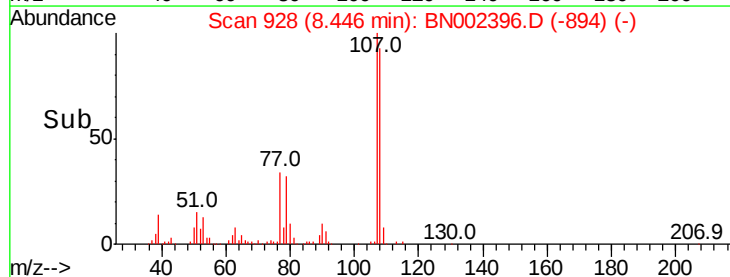
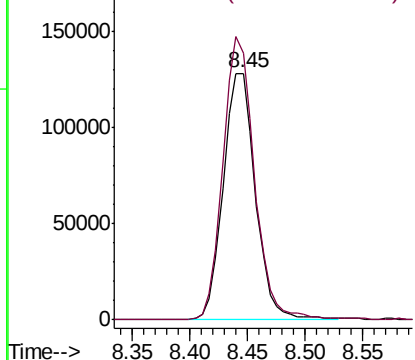


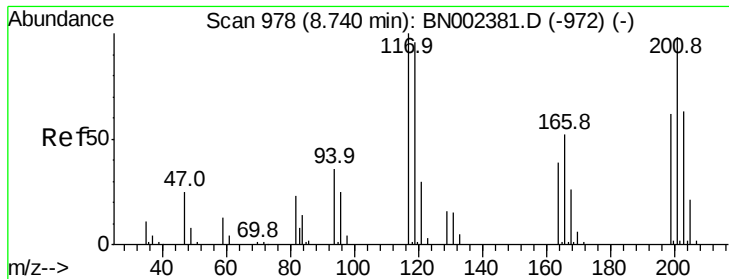
#16  
4-Methylphenol  
Concen: 21.609 ng/ul  
RT: 8.45 min Scan# 928  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Tgt Ion: 108 Resp: 248531  
Ion Ratio Lower Upper  
108 100  
107 107.9 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E

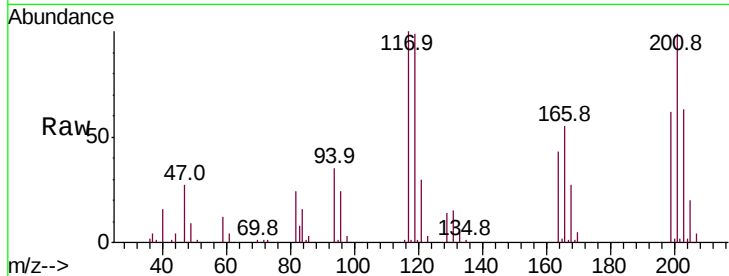




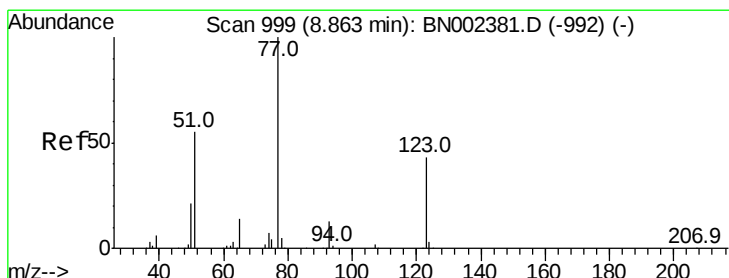
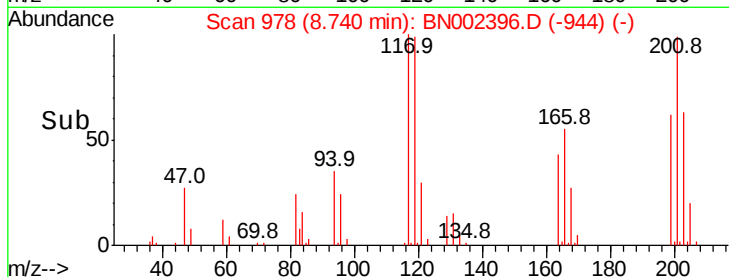
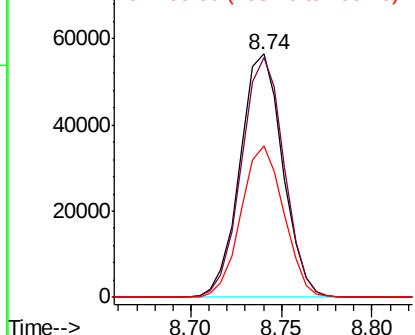
#17  
Hexachloroethane  
Concen: 21.035 ng/ul  
RT: 8.74 min Scan# 978  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Instrument :  
BNA\_N  
ClientSampleId :

Tot Ion:117 Resp: 92940  
Ion Ratio Lower Upper  
117 100  
201 98.7 81.5 122.3  
199 62.1 50.6 76.0

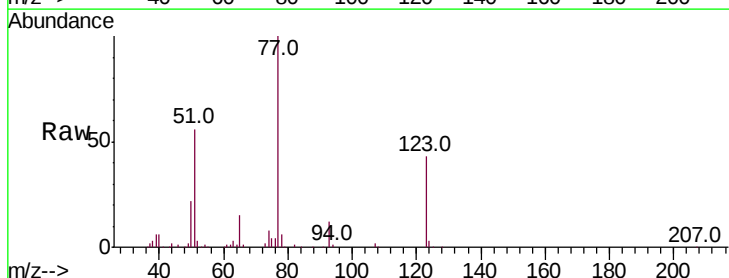


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

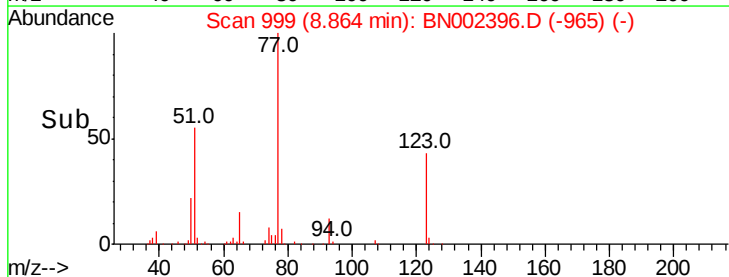
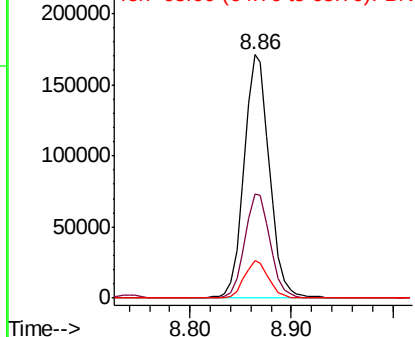


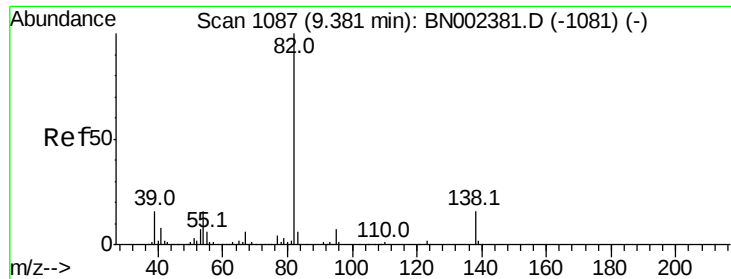
#20  
Nitrobenzene  
Concen: 21.324 ng/ul  
RT: 8.86 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Tgt Ion: 77 Resp: 296121  
Ion Ratio Lower Upper  
77 100  
123 42.8 39.0 58.4  
65 15.4 10.4 15.6



Abundance Ion 77.00 (76.70 to 77.70): BNC  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BNC





#21

Isophorone

Concen: 21.785 ng/ul

RT: 9.38 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampleId :

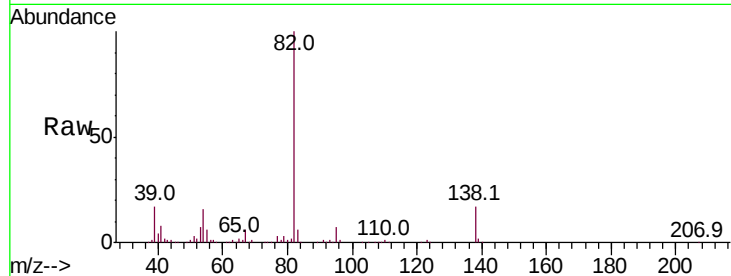
Tot Ion: 82 Resp: 583196

Ion Ratio Lower Upper

82 100

95 6.9 6.4 9.6

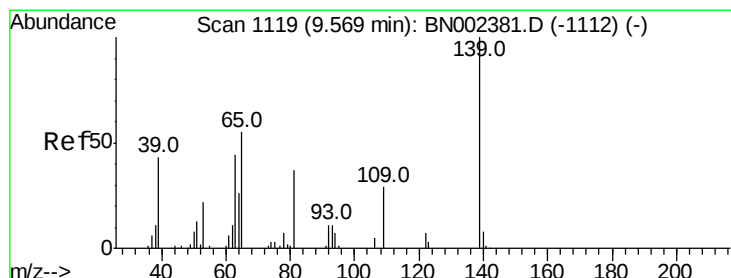
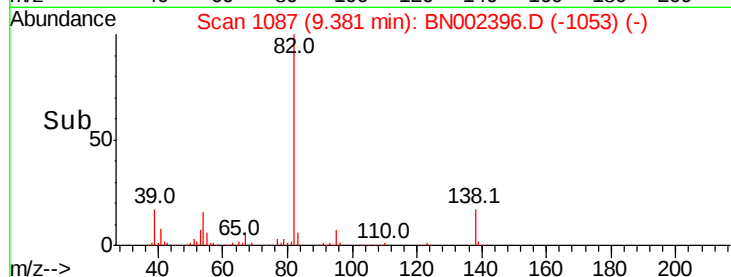
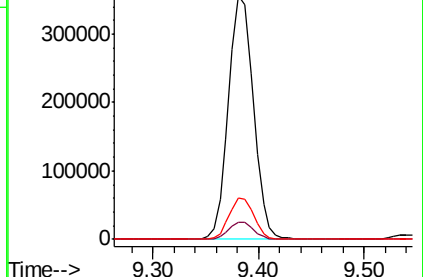
138 17.1 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BN002381.D (-1081) (-)

Ion 95.00 (94.70 to 95.70): BN002381.D (-1081) (-)

Ion 138.00 (137.70 to 138.70): BN002381.D (-1081) (-)



#23

2-Nitrophenol

Concen: 21.239 ng/ul

RT: 9.57 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

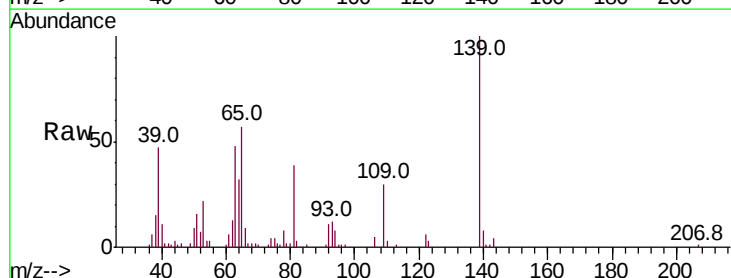
Tgt Ion: 139 Resp: 136226

Ion Ratio Lower Upper

139 100

65 57.0 36.3 54.5#

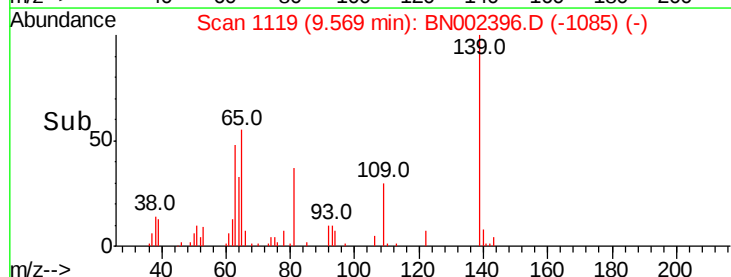
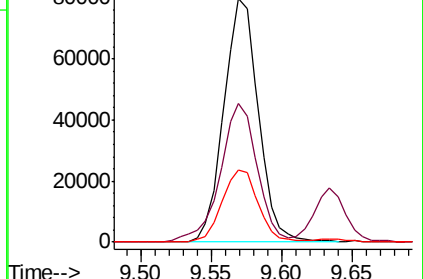
109 29.7 26.4 39.6

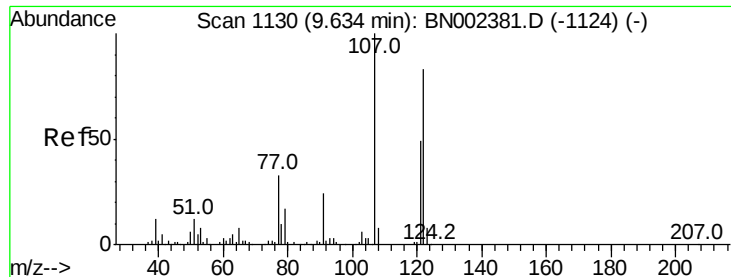


Abundance Ion 139.00 (138.70 to 139.70): BN002381.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BN002381.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BN002381.D (-1112) (-)

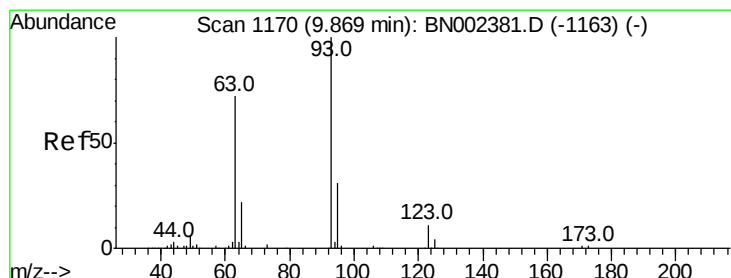
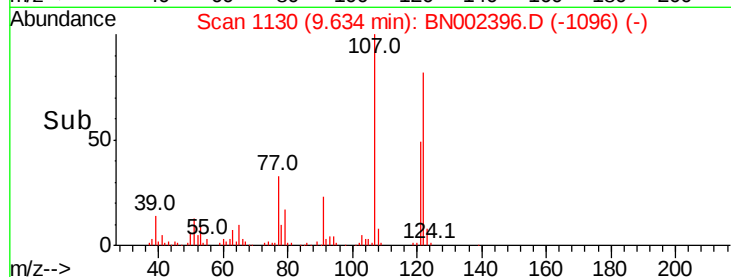
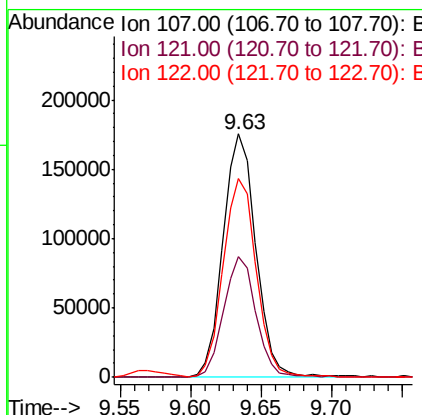
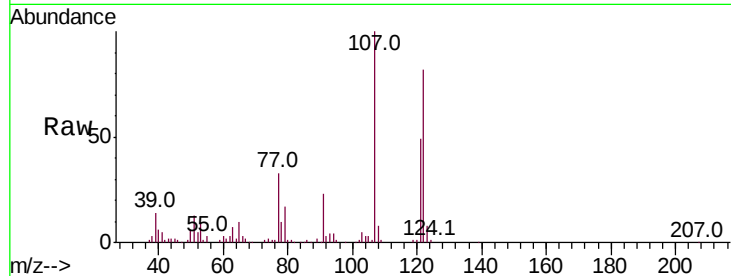




#24  
 2,4-Dimethylphenol  
 Concen: 21.631 ng/ul  
 RT: 9.63 min Scan# 1130  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

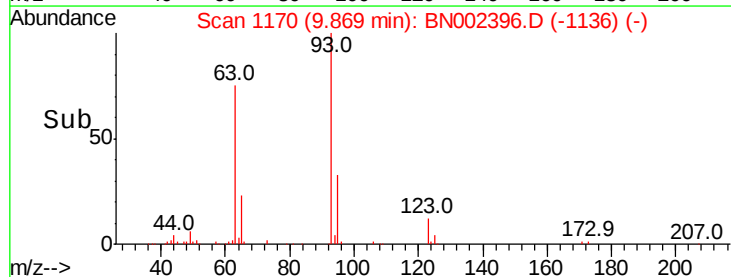
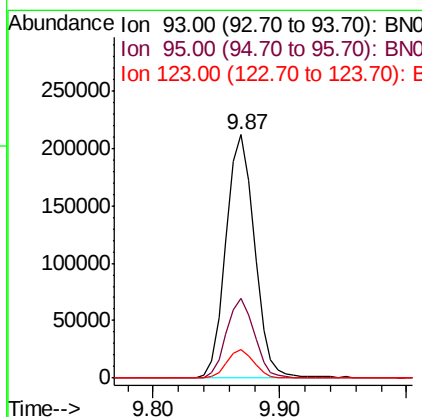
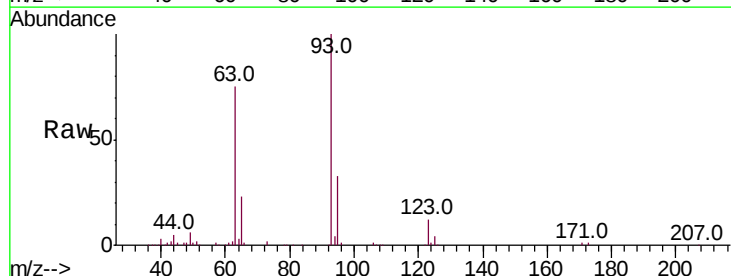
Instrument :  
 BNA\_N  
 ClientSampleId :

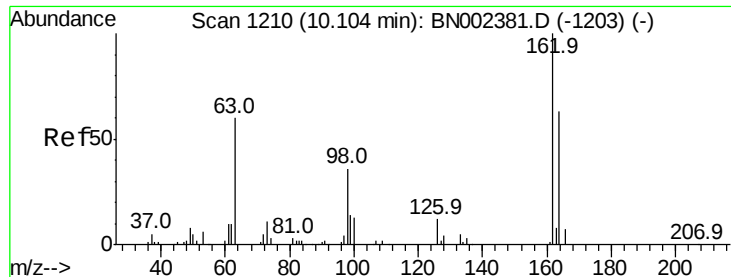
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 49.4  | 40.6  | 61.0  |
| 122     | 81.5  | 67.8  | 101.6 |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 21.042 ng/ul  
 RT: 9.87 min Scan# 1170  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.8  | 25.8  | 38.8  |
| 123     | 11.8  | 9.8   | 14.8  |

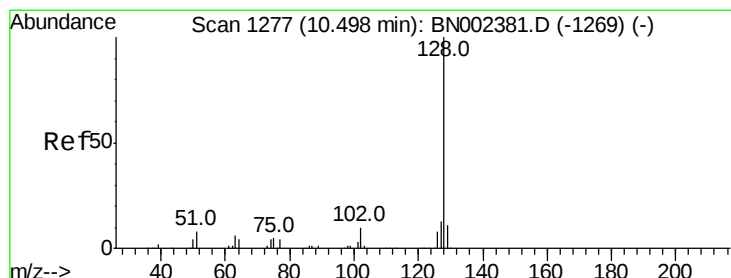
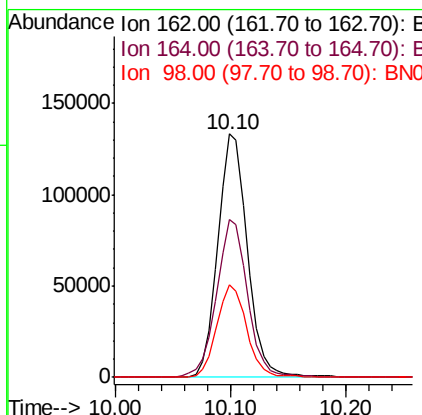
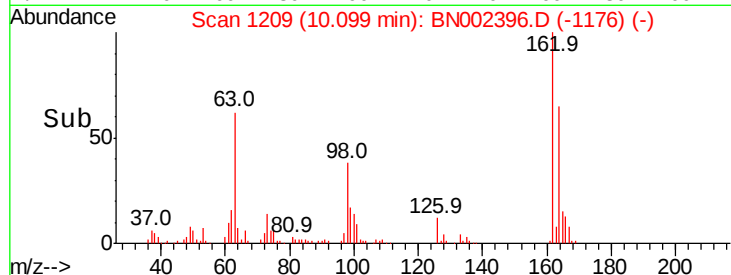
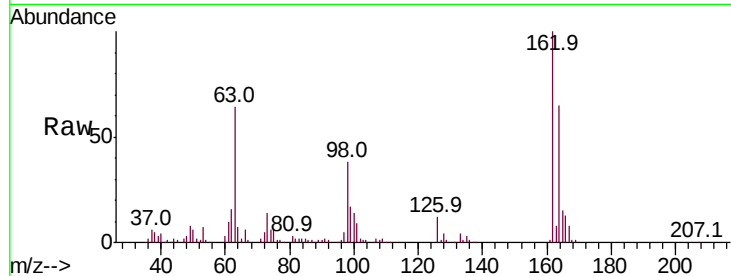




#27  
 2,4-Dichlorophenol  
 Concen: 21.814 ng/ul  
 RT: 10.10 min Scan# 1209  
 Delta R.T. -0.01 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

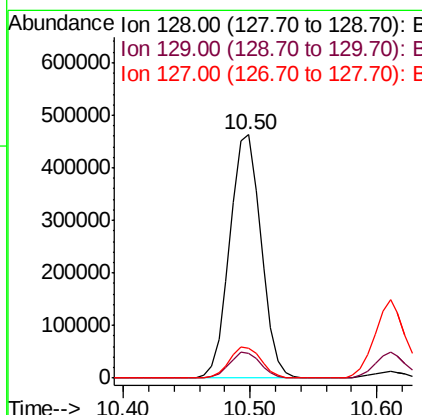
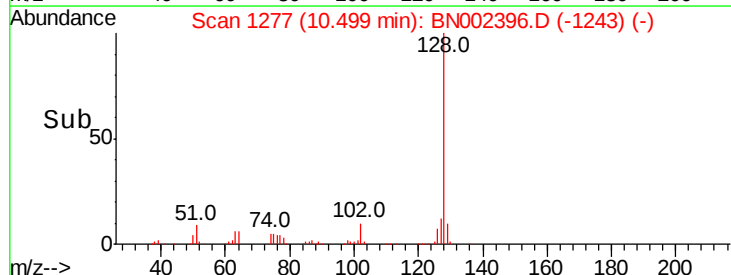
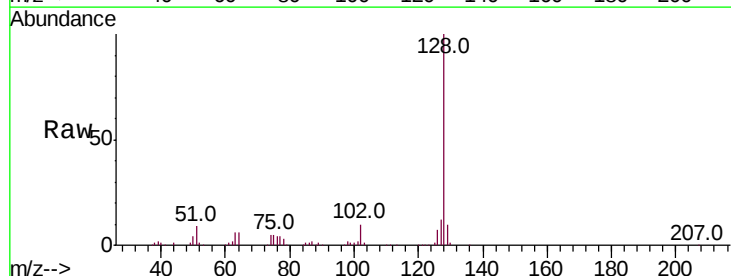
Instrument :  
 BNA\_N  
 ClientSampleId :

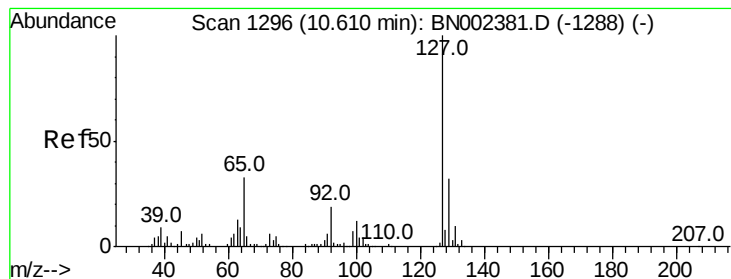
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.1  | 52.1  | 78.1  |
| 98      | 37.9  | 28.4  | 42.6  |



#28  
 Naphthalene  
 Concen: 21.122 ng/ul  
 RT: 10.50 min Scan# 1277  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.2  | 8.8   | 13.2  |
| 127     | 12.1  | 10.5  | 15.7  |





#30

4-Chloroaniline

Concen: 21.274 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

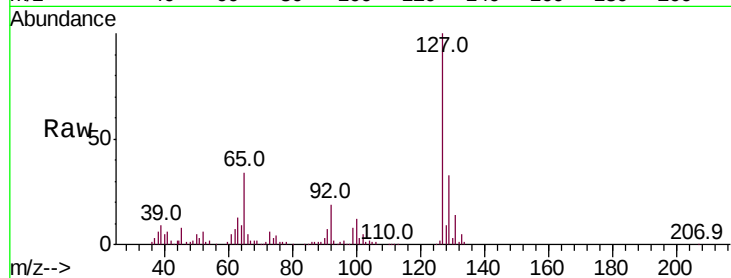
ClientSampleId :

Tot Ion:127 Resp: 260694

Ion Ratio Lower Upper

127 100

129 32.8 25.4 38.2



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

150000

100000

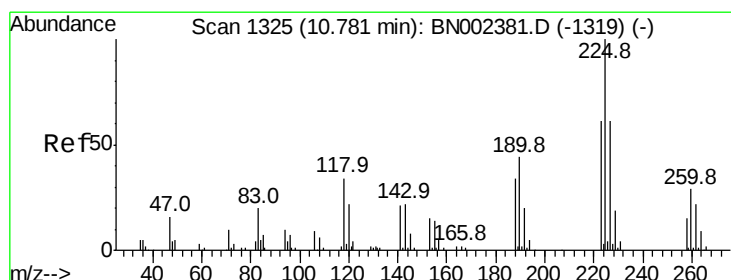
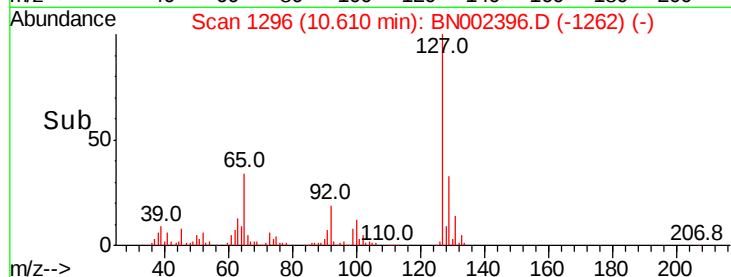
50000

0

10.61

10.70

Time-->



#31

Hexachlorobutadiene

Concen: 20.887 ng/ul

RT: 10.78 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

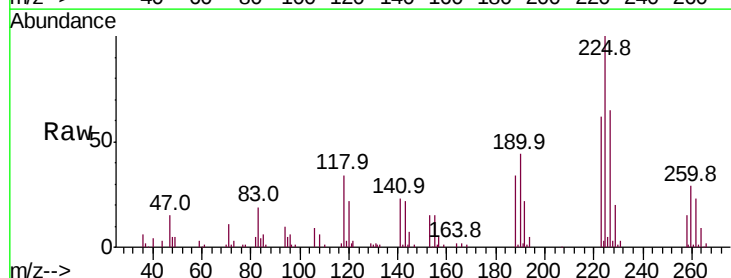
Tgt Ion:225 Resp: 142761

Ion Ratio Lower Upper

225 100

223 62.1 51.4 77.2

227 64.5 50.7 76.1



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

120000

100000

80000

60000

40000

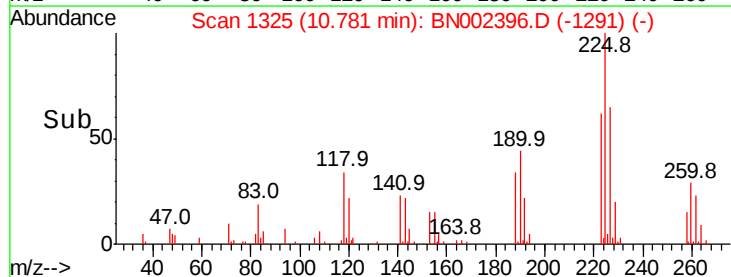
20000

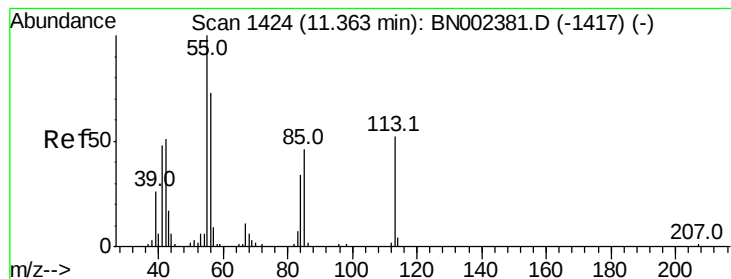
0

10.78

10.80

Time-->





#32

Caprolactam

Concen: 21.864 ng/ul

RT: 11.36 min Scan# 1424

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampled :

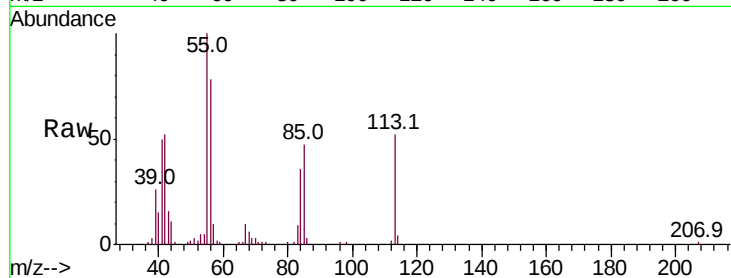
Tot Ion:113 Resp: 89181

Ion Ratio Lower Upper

113 100

55 192.3 101.9 152.9#

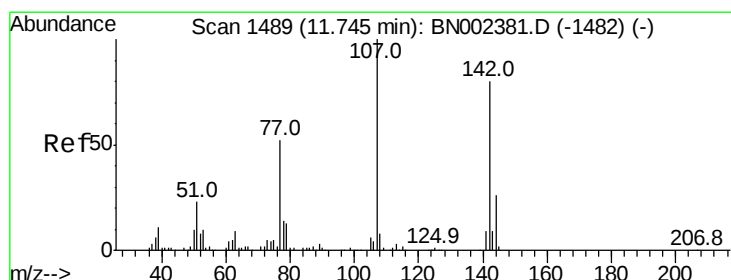
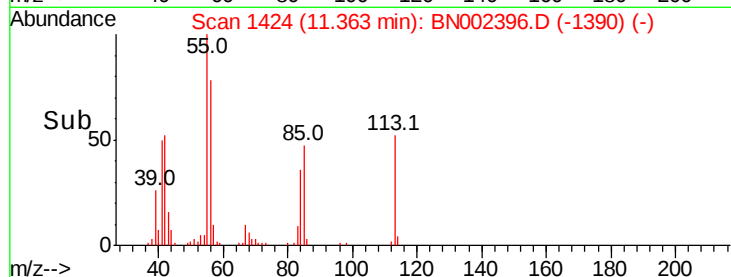
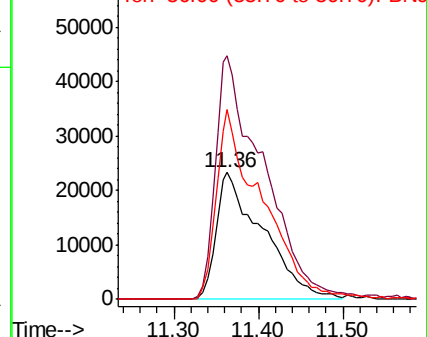
56 149.8 81.2 121.8#



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



#33

4-Chloro-3-methylphenol

Concen: 21.942 ng/ul

RT: 11.75 min Scan# 1489

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

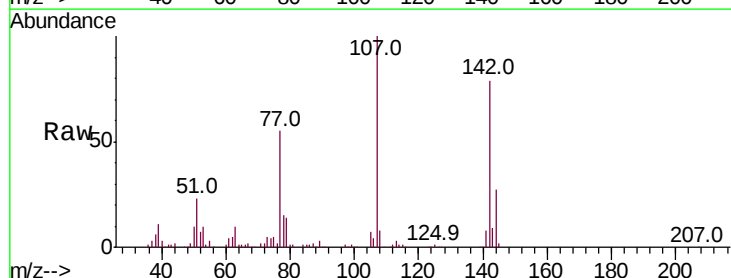
Tgt Ion:107 Resp: 274144

Ion Ratio Lower Upper

107 100

144 27.2 20.4 30.6

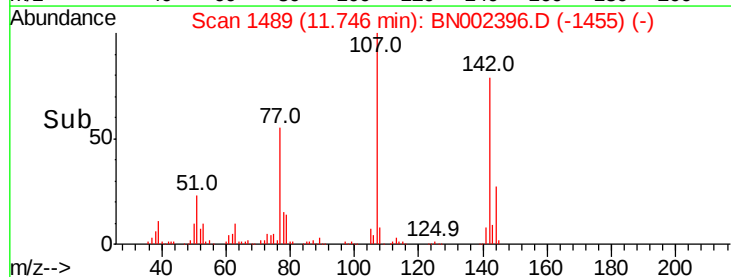
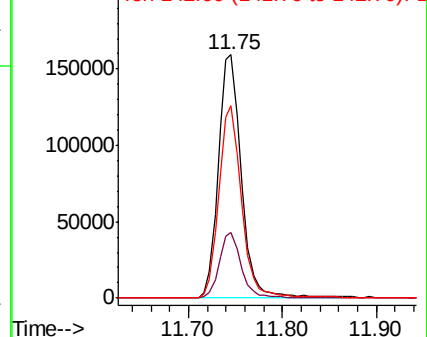
142 79.0 62.5 93.7

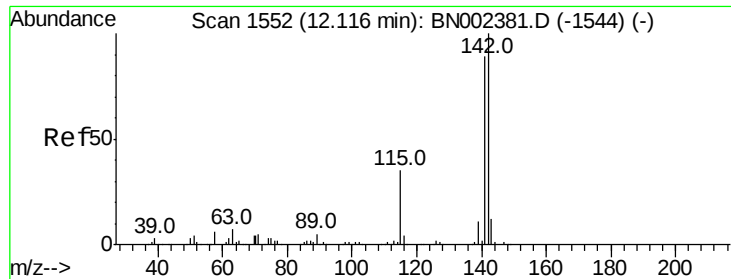


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

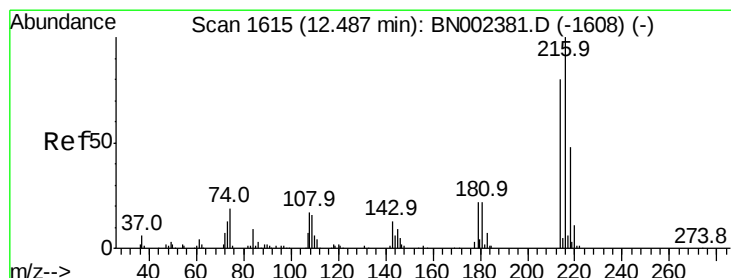
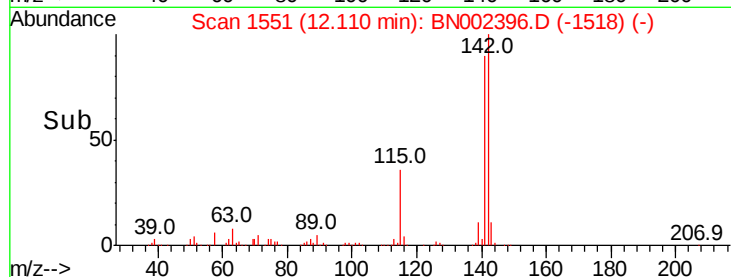
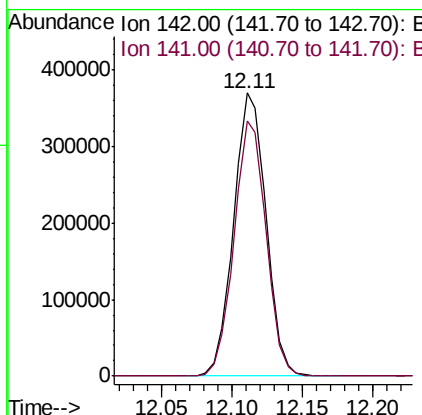
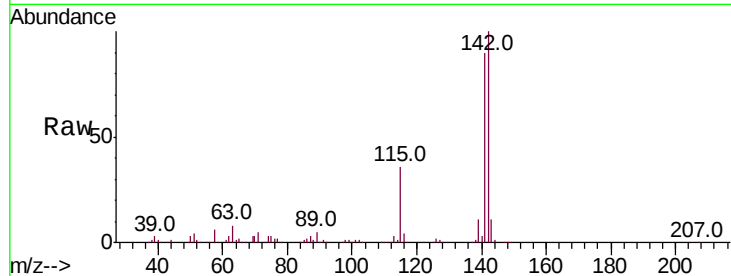




#34  
 2-Methylnaphthalene  
 Concen: 21.389 ng/ul  
 RT: 12.11 min Scan# 1551  
 Delta R.T. -0.01 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

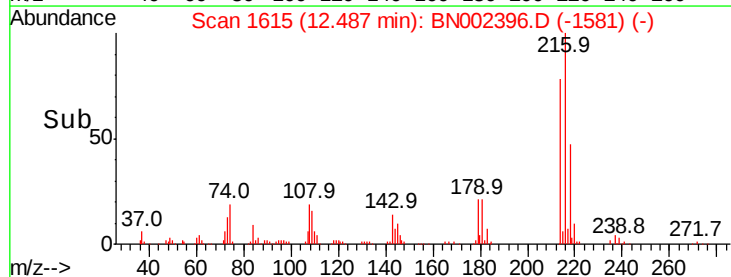
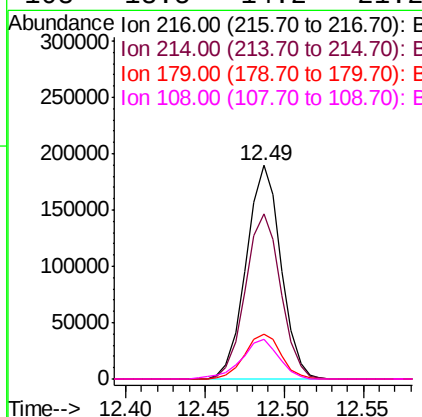
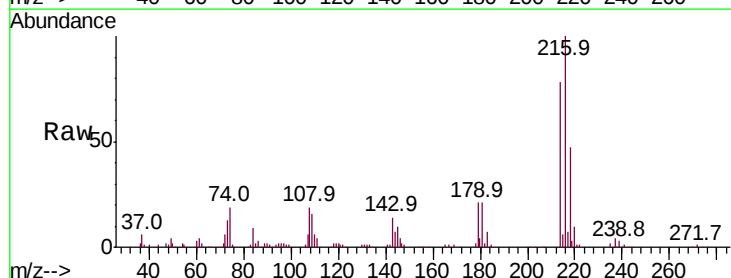
Instrument :  
 BNA\_N  
 ClientSampleId :

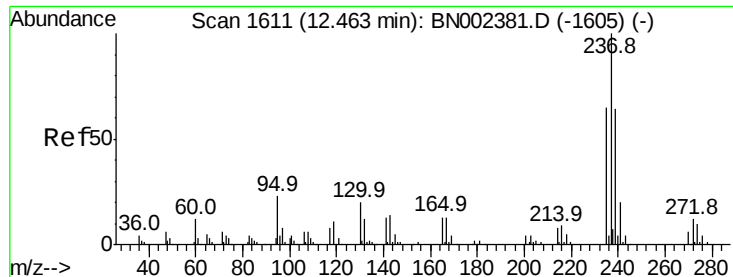
Tot Ion:142 Resp: 592097  
 Ion Ratio Lower Upper  
 142 100  
 141 90.0 71.6 107.4



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.006 ng/ul  
 RT: 12.49 min Scan# 1615  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

Tgt Ion:216 Resp: 288941  
 Ion Ratio Lower Upper  
 216 100  
 214 77.6 62.5 93.7  
 179 21.0 18.2 27.2  
 108 18.5 14.2 21.2

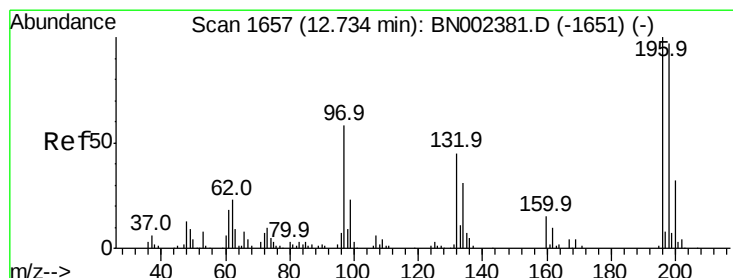
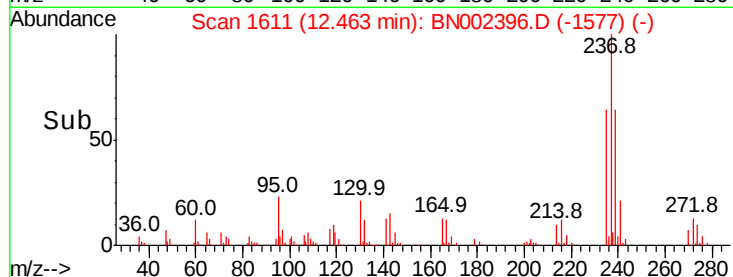
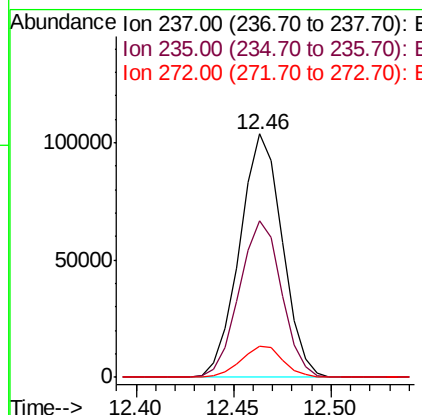
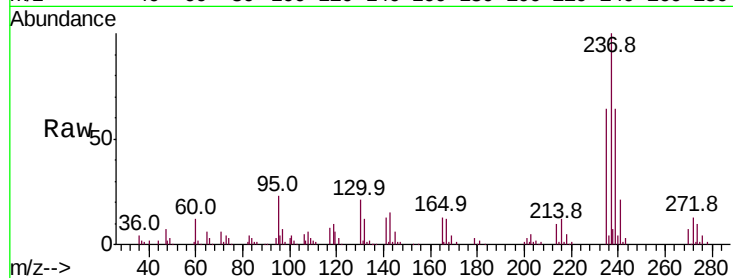




#37  
Hexachlorocyclopentadiene  
Concen: 18.810 ng/ul  
RT: 12.46 min Scan# 1611  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

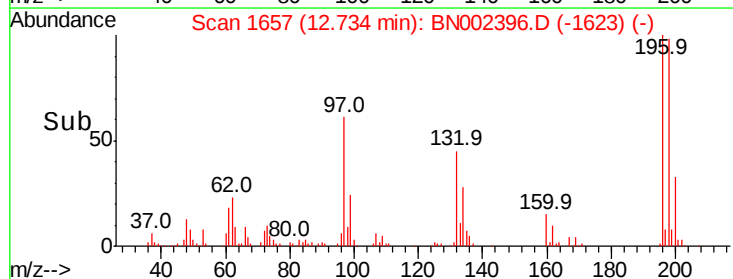
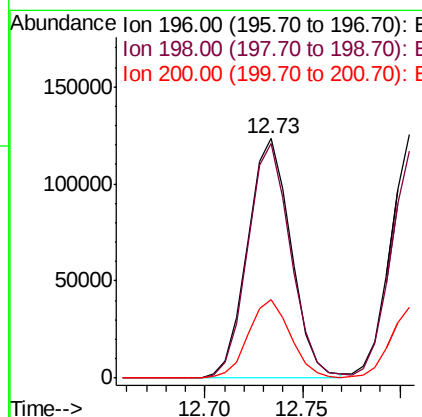
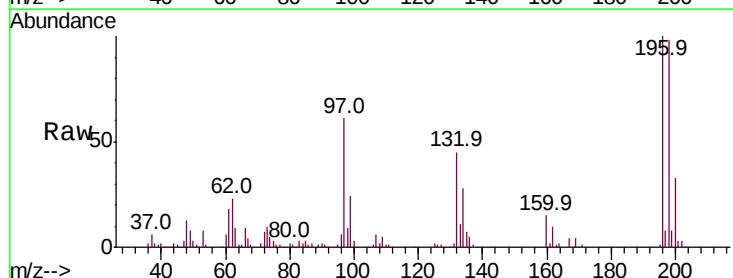
Instrument :  
BNA\_N  
ClientSampleId :

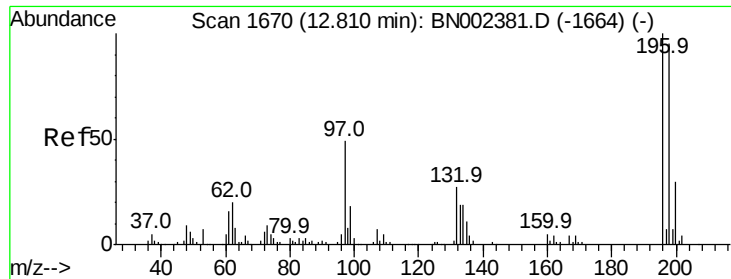
Tot Ion:237 Resp: 157173  
Ion Ratio Lower Upper  
237 100  
235 64.0 50.4 75.6  
272 13.0 9.6 14.4



#38  
2,4,6-Trichlorophenol  
Concen: 21.448 ng/ul  
RT: 12.73 min Scan# 1657  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Tgt Ion:196 Resp: 189970  
Ion Ratio Lower Upper  
196 100  
198 97.8 76.6 114.8  
200 32.6 24.7 37.1

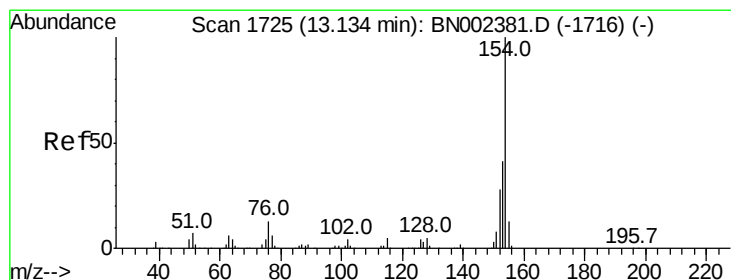
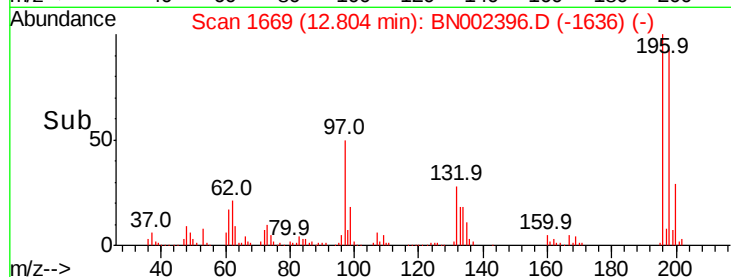
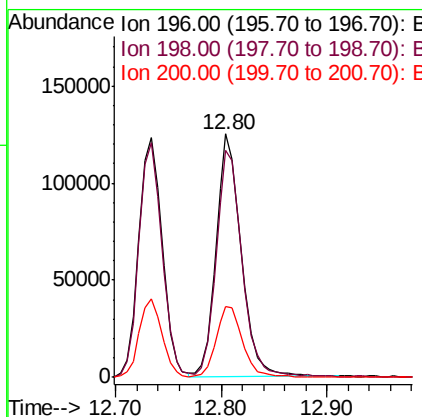
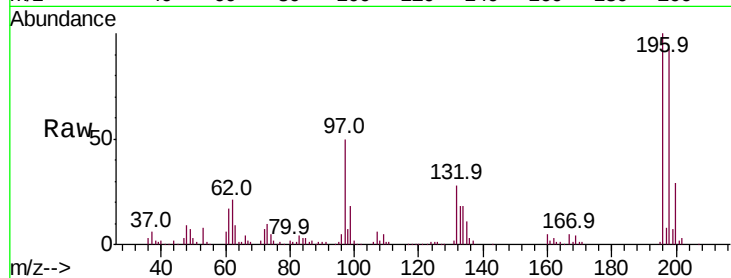




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.939 ng/ul  
 RT: 12.80 min Scan# 1669  
 Delta R.T. -0.01 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

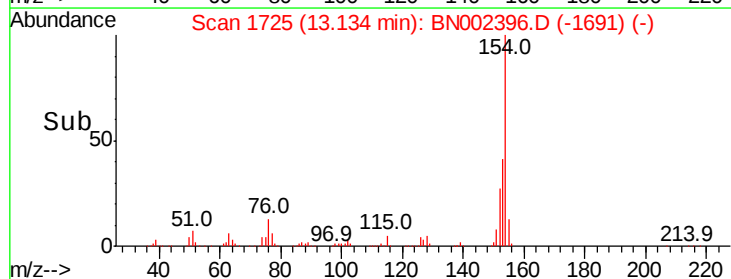
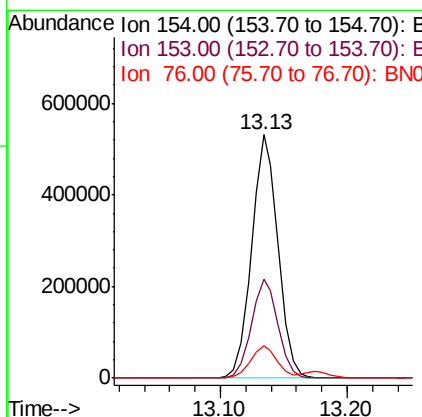
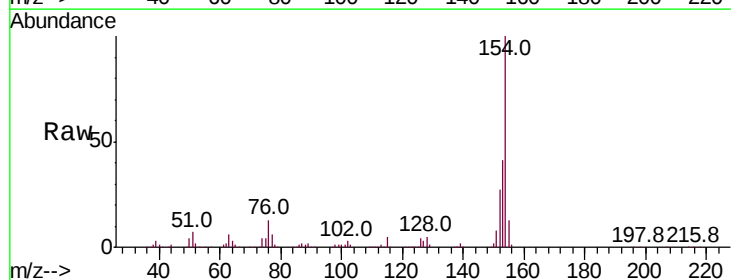
Instrument :  
 BNA\_N  
 ClientSampled :

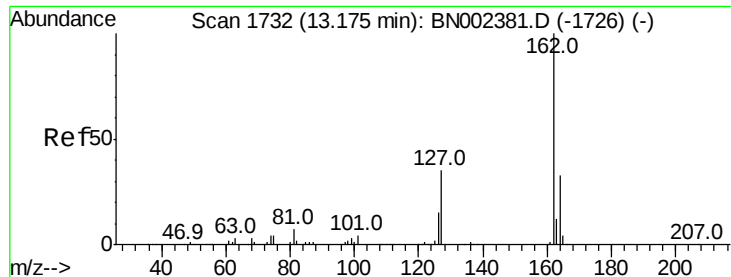
Tot Ion:196 Resp: 207926  
 Ion Ratio Lower Upper  
 196 100  
 198 93.4 76.9 115.3  
 200 28.9 25.0 37.4



#40  
 1,1'-Biphenyl  
 Concen: 21.127 ng/ul  
 RT: 13.13 min Scan# 1725  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

Tgt Ion:154 Resp: 768043  
 Ion Ratio Lower Upper  
 154 100  
 153 40.6 32.1 48.1  
 76 13.4 9.5 14.3

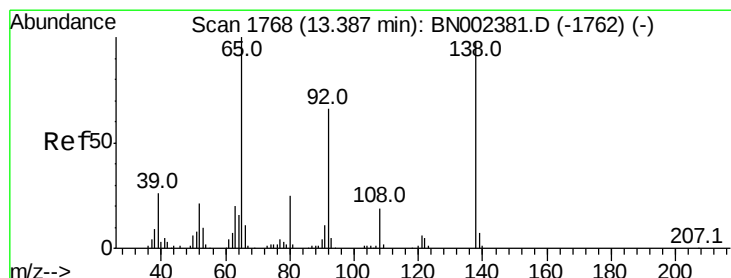
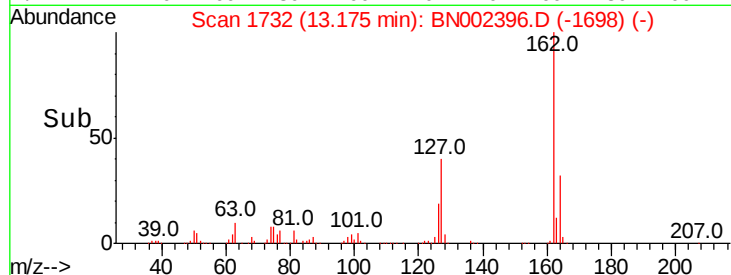
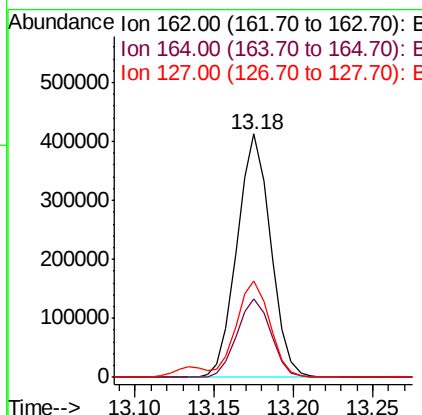
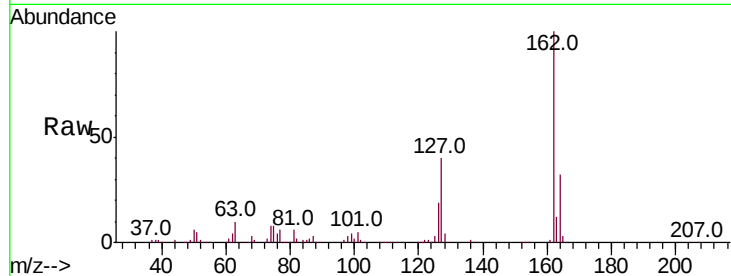




#41  
 2-Chloronaphthalene  
 Concen: 21.391 ng/ul  
 RT: 13.18 min Scan# 1732  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

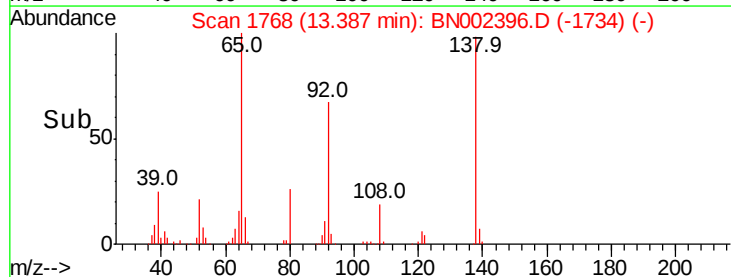
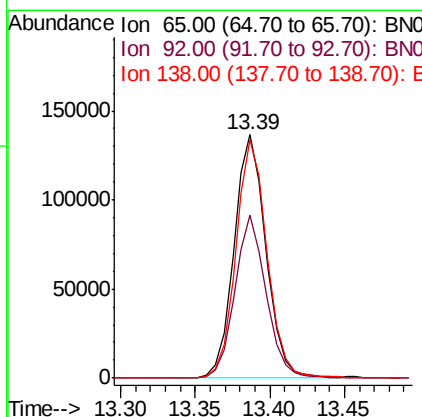
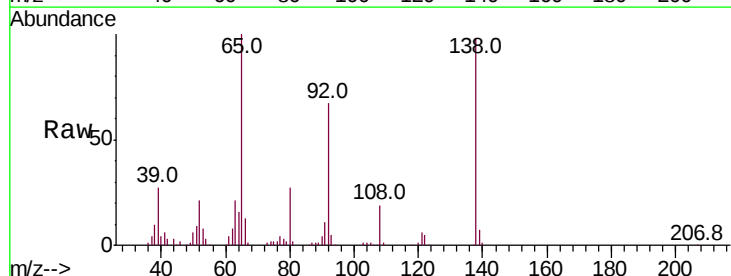
Instrument :  
 BNA\_N  
 ClientSampleId :

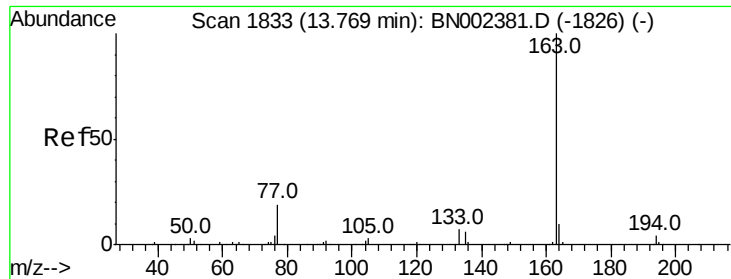
Tot Ion:162 Resp: 606186  
 Ion Ratio Lower Upper  
 162 100  
 164 32.5 25.9 38.9  
 127 39.6 34.1 51.1



#42  
 2-Nitroaniline  
 Concen: 22.542 ng/ul  
 RT: 13.39 min Scan# 1768  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

Tgt Ion: 65 Resp: 203451  
 Ion Ratio Lower Upper  
 65 100  
 92 66.8 60.4 90.6  
 138 98.0 99.8 149.6#

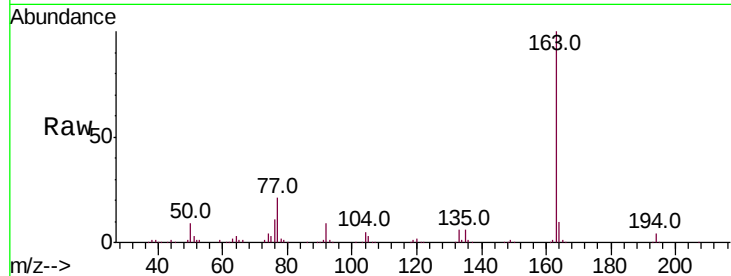




#44  
Dimethylphthalate  
Concen: 21.218 ng/ul  
RT: 13.77 min Scan# 1833  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 4.1   | 3.2   | 4.8   |
| 164     | 10.3  | 7.8   | 11.8  |

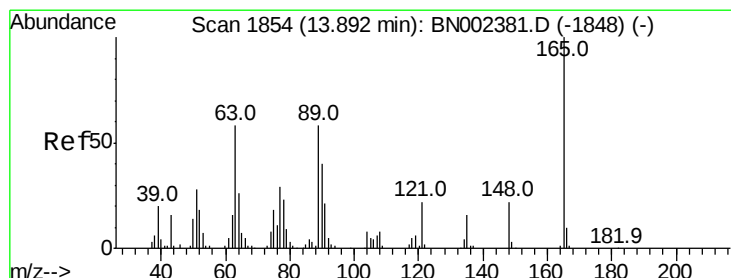
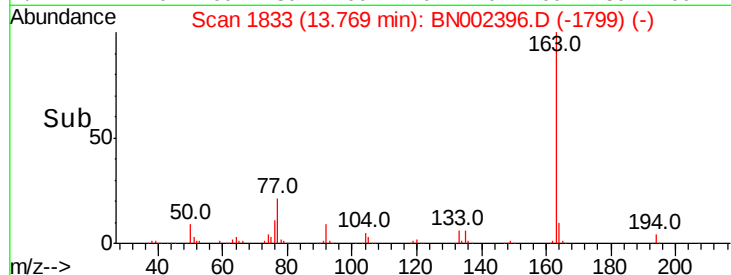
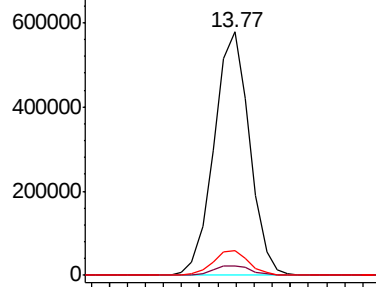


Abundance

Ion 163.00 (162.70 to 163.70): E

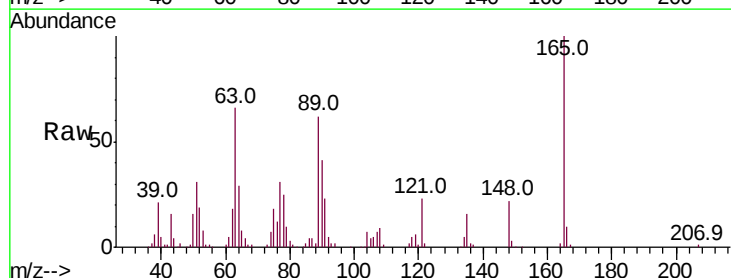
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45  
2,6-Dinitrotoluene  
Concen: 21.913 ng/ul  
RT: 13.89 min Scan# 1853  
Delta R.T. -0.01 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 61.8  | 42.4  | 63.6  |
| 121     | 23.0  | 16.6  | 24.8  |

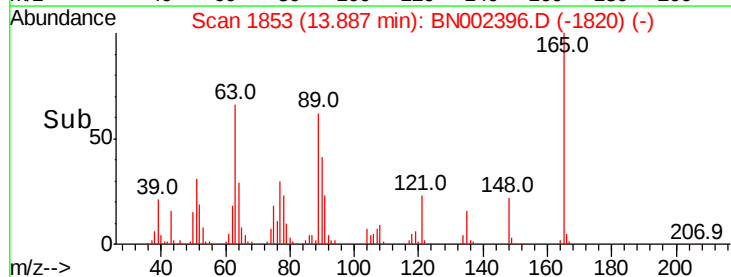
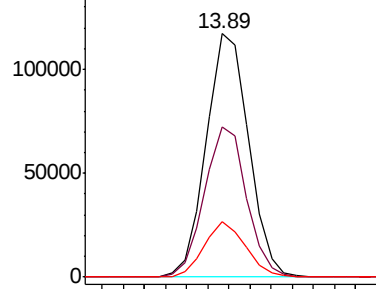


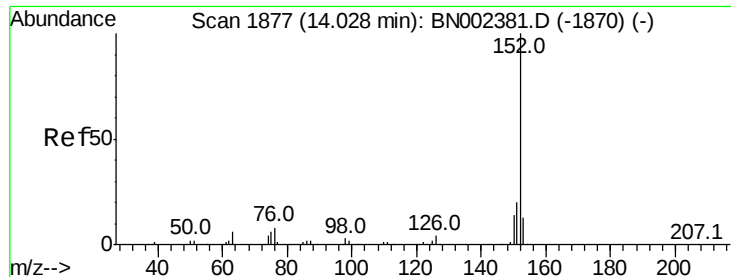
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BNC

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.618 ng/ul

RT: 14.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampleId :

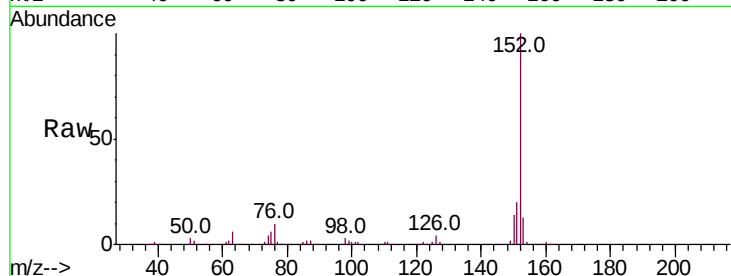
Tot Ion:152 Resp: 950496

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

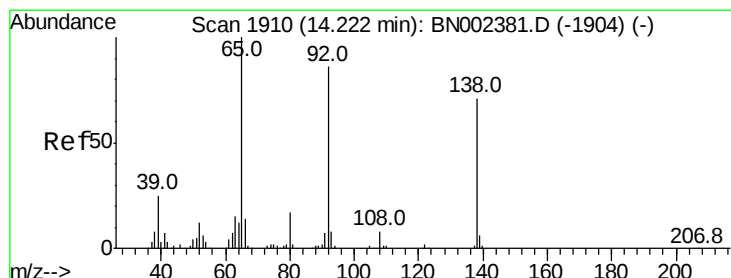
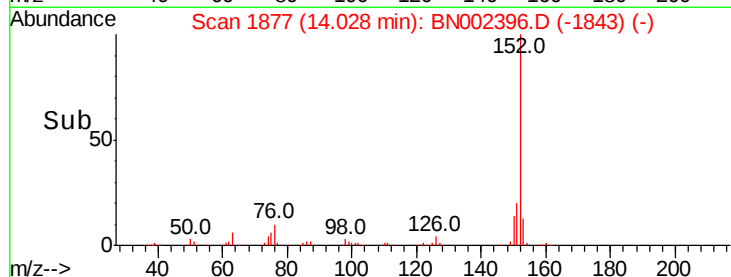
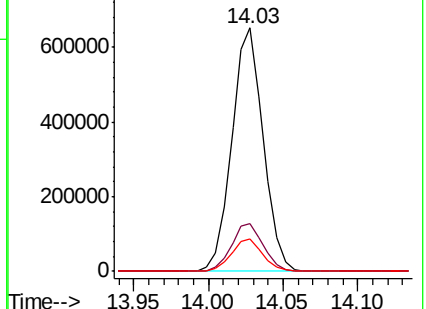
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.523 ng/ul

RT: 14.22 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

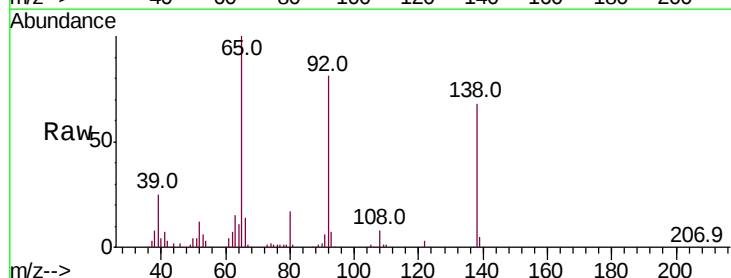
Tgt Ion:138 Resp: 152754

Ion Ratio Lower Upper

138 100

108 11.7 8.7 13.1

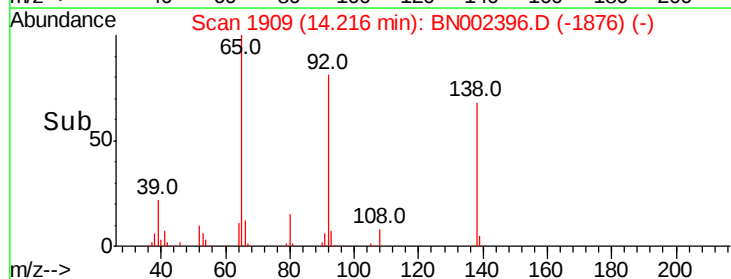
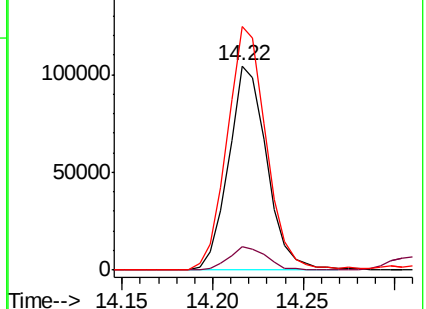
92 119.3 88.2 132.4

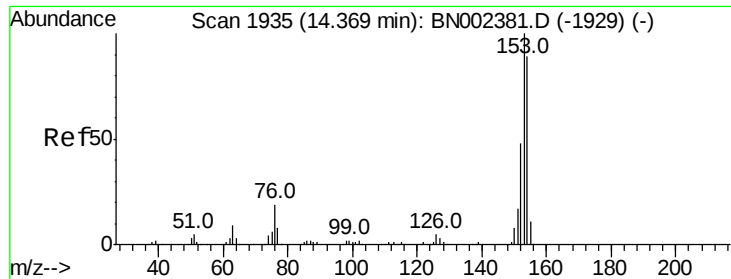


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BNC

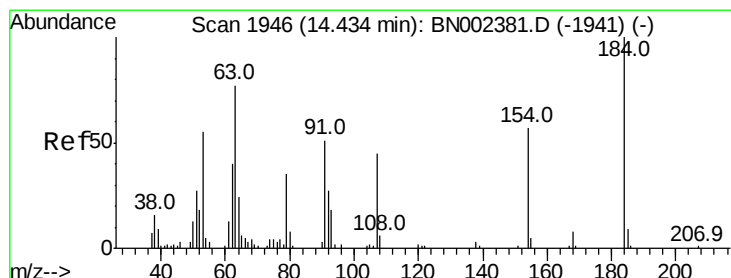
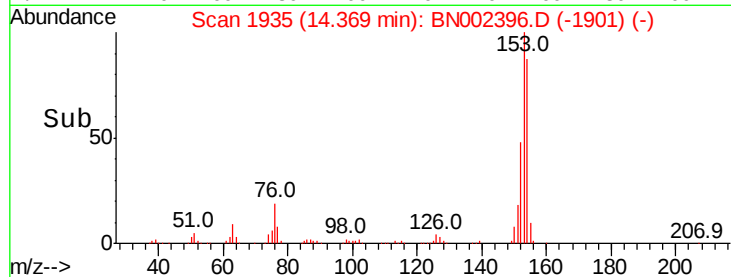
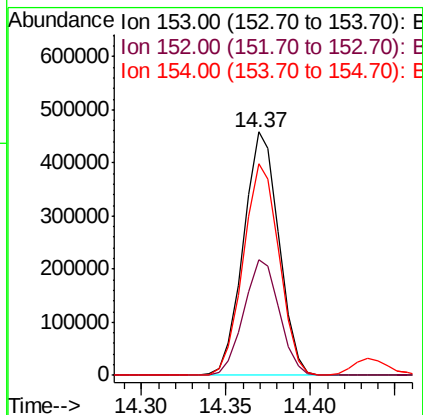
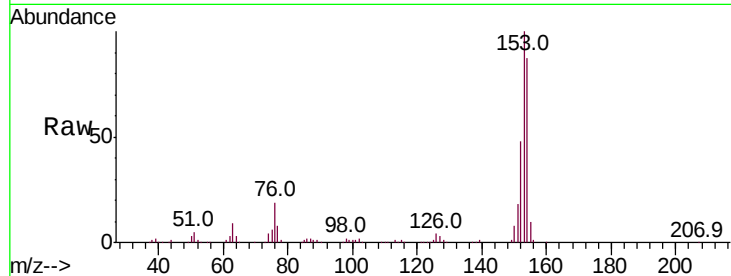




#49  
 Acenaphthene  
 Concen: 21.597 ng/ul  
 RT: 14.37 min Scan# 1935  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

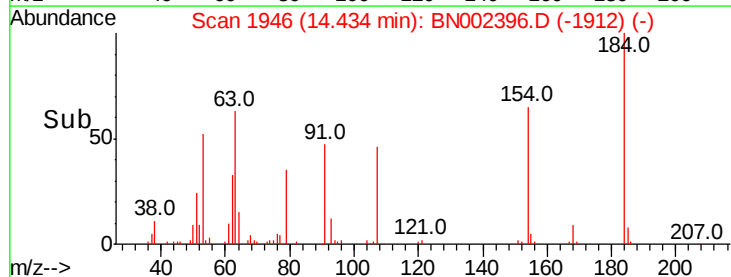
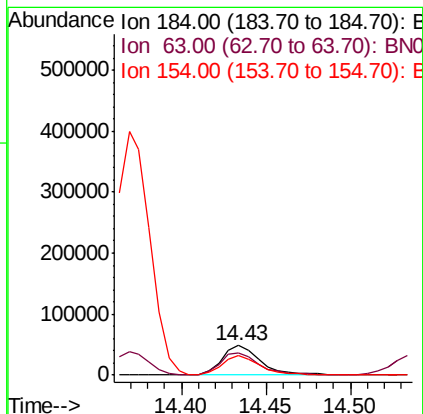
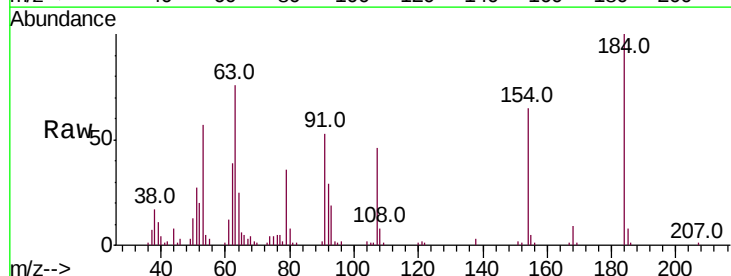
Instrument :  
 BNA\_N  
 ClientSampleId :

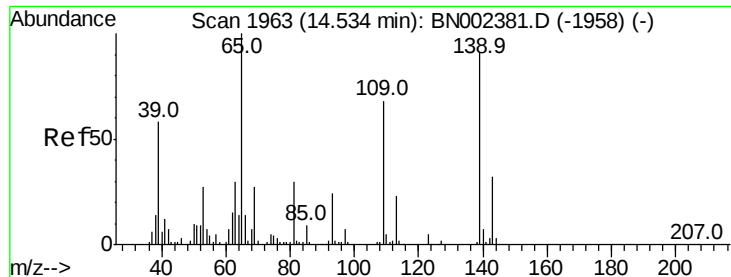
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:153 | Resp: | 669838      |
| Ion         | Ratio | Lower Upper |
| 153         | 100   |             |
| 152         | 47.6  | 38.3 57.5   |
| 154         | 87.1  | 71.8 107.8  |



#50  
 2,4-Dinitrophenol  
 Concen: 17.318 ng/ul  
 RT: 14.43 min Scan# 1946  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

|             |       |              |
|-------------|-------|--------------|
| Tgt Ion:184 | Resp: | 77286        |
| Ion         | Ratio | Lower Upper  |
| 184         | 100   |              |
| 63          | 76.1  | 76.0 114.0   |
| 154         | 65.3  | 300.0 450.0# |





#52

4-Nitrophenol

Concen: 21.117 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampleId :

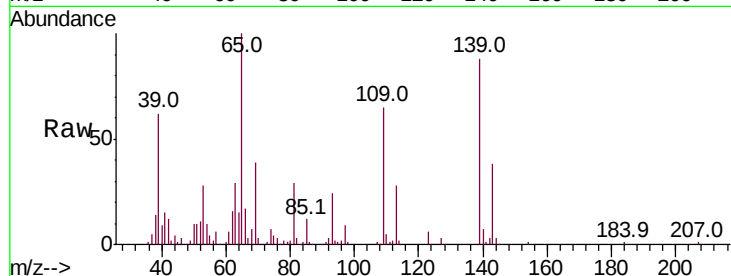
Tot Ion:109 Resp: 113892

Ion Ratio Lower Upper

109 100

139 134.4 103.7 155.5

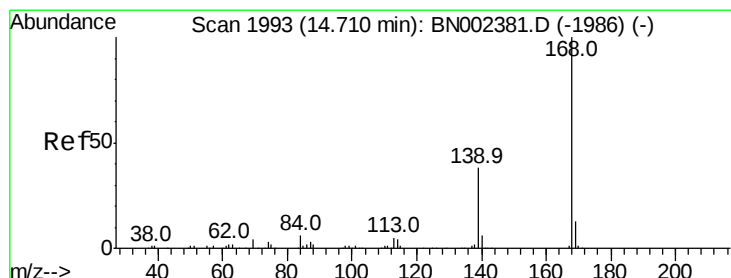
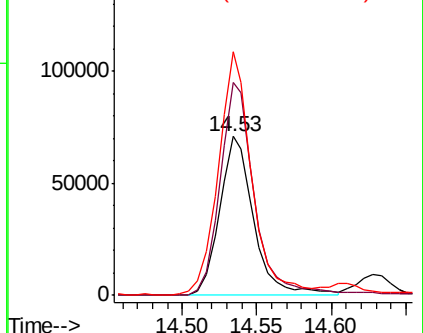
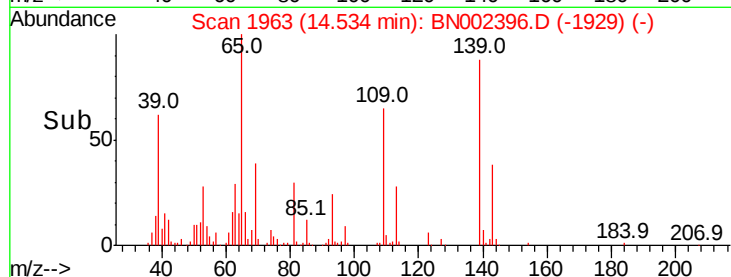
65 153.5 89.4 134.2#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#53

Dibenzofuran

Concen: 21.420 ng/ul

RT: 14.71 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BN002396.D

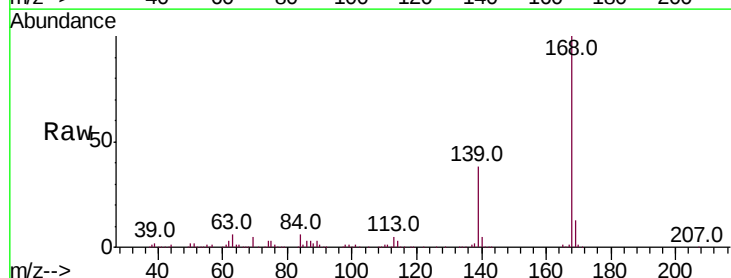
Acq: 18 Aug 2018 01:34

Tgt Ion:168 Resp: 937249

Ion Ratio Lower Upper

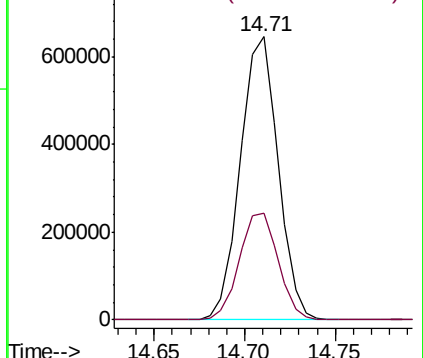
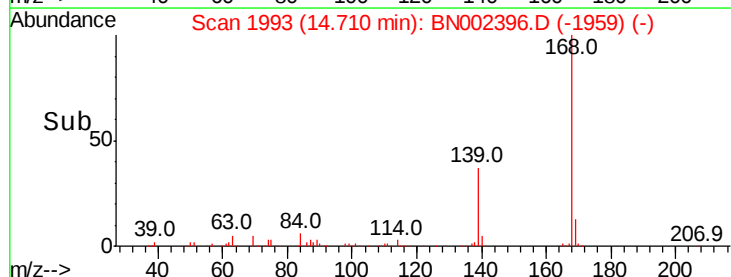
168 100

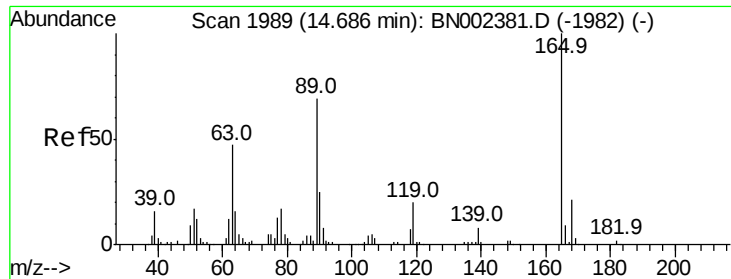
139 37.9 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

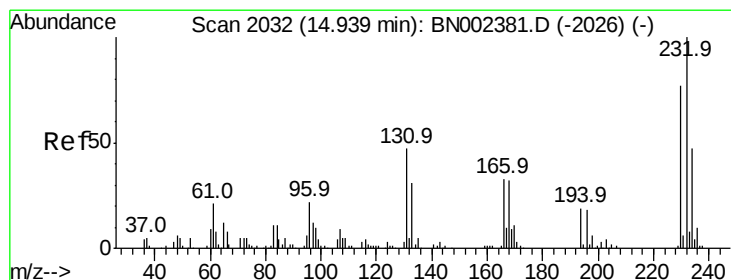
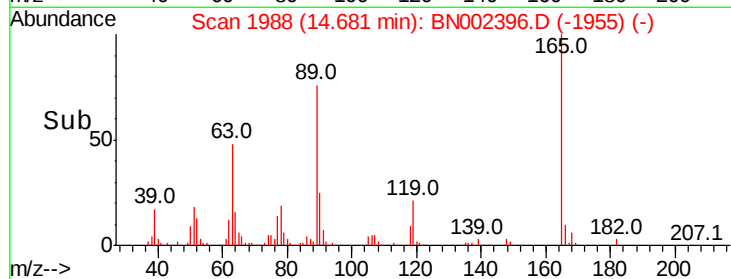
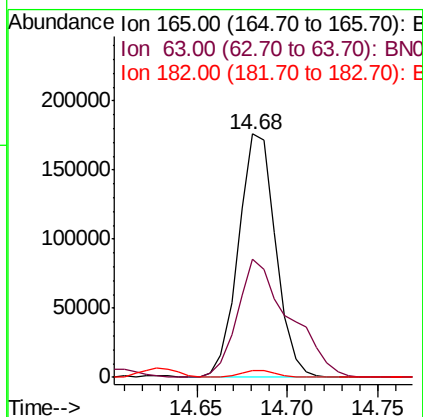
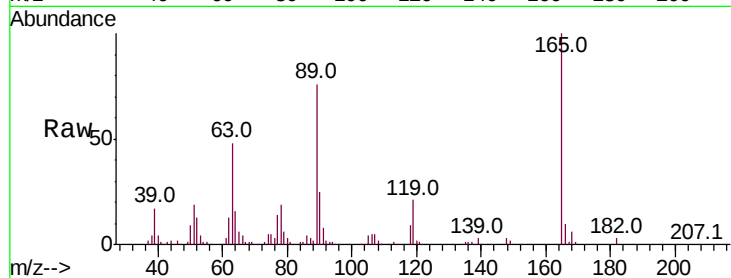




#54  
 2,4-Dinitrotoluene  
 Concen: 22.330 ng/ul  
 RT: 14.68 min Scan# 1988  
 Delta R.T. -0.01 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

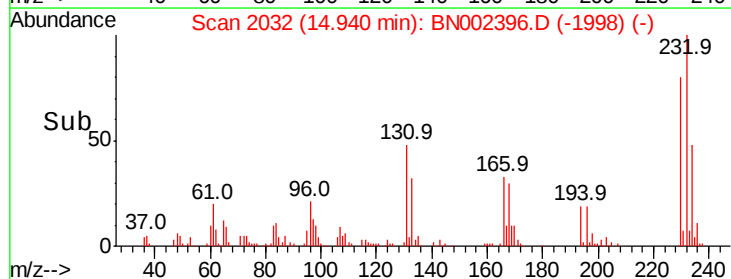
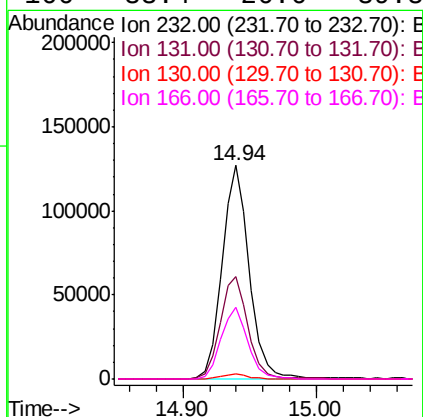
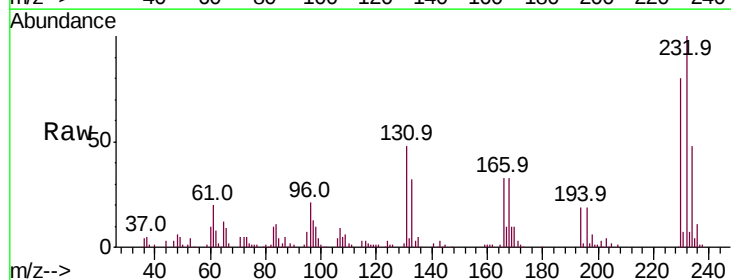
Instrument :  
 BNA\_N  
 ClientSampleId :

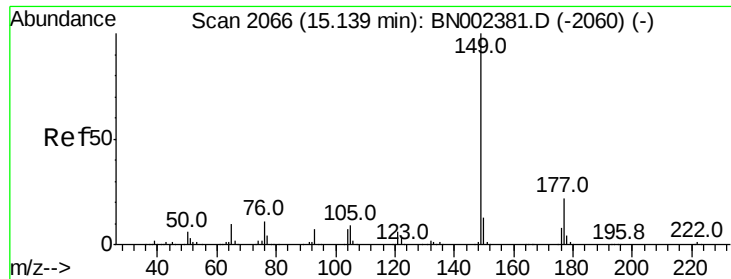
Tot Ion:165 Resp: 251143  
 Ion Ratio Lower Upper  
 165 100  
 63 48.3 29.8 44.6#  
 182 2.8 2.2 3.4



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 21.890 ng/ul  
 RT: 14.94 min Scan# 2032  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

Tgt Ion:232 Resp: 181146  
 Ion Ratio Lower Upper  
 232 100  
 131 48.1 39.4 59.2  
 130 2.4 2.2 3.2  
 166 33.4 26.6 39.8

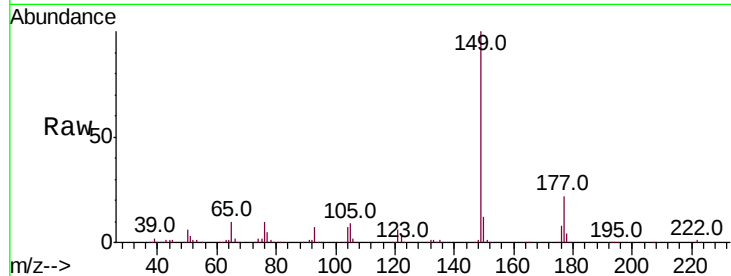




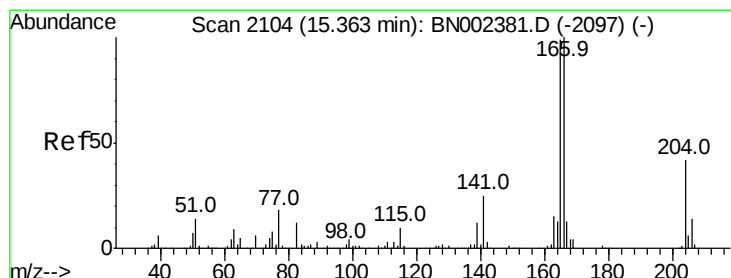
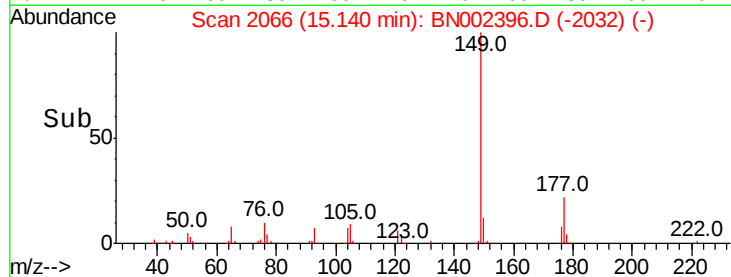
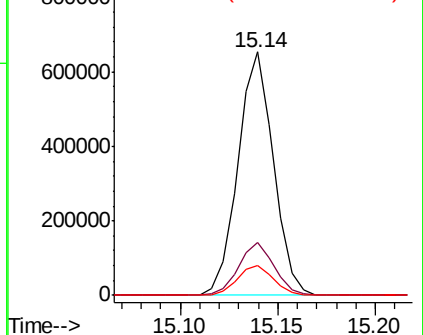
#56  
Diethylphthalate  
Concen: 21.830 ng/ul  
RT: 15.14 min Scan# 2066  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:149 Resp: 822338  
Ion Ratio Lower Upper  
149 100  
177 21.8 17.4 26.2  
150 12.2 10.0 15.0

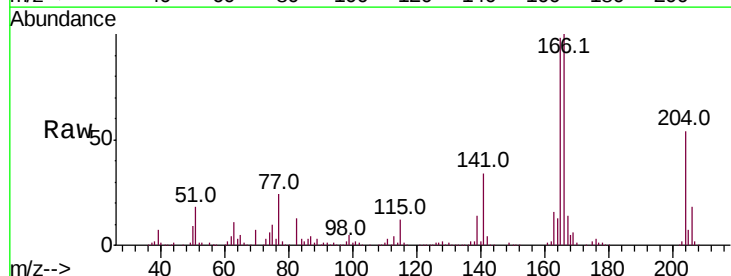


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

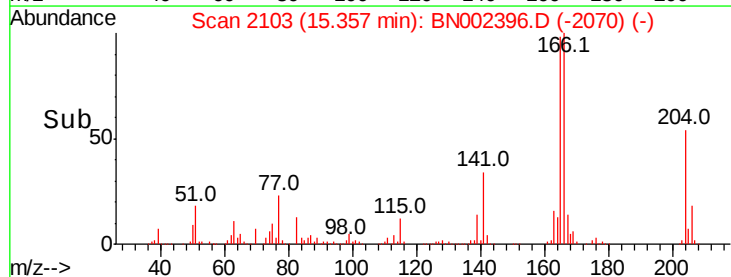
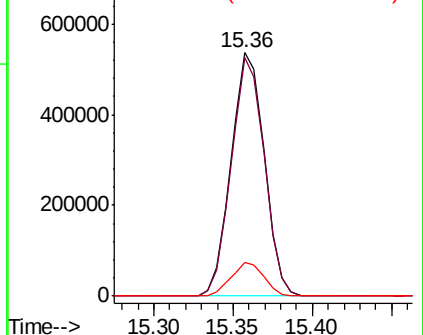


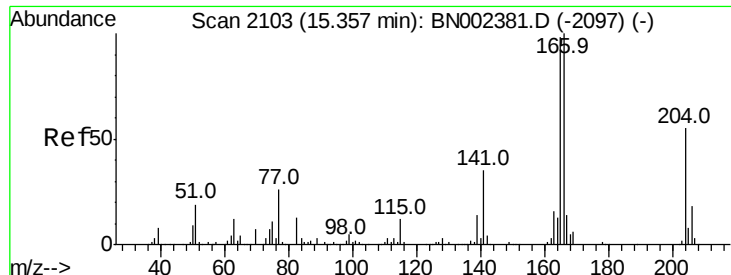
#58  
Fluorene  
Concen: 21.795 ng/ul  
RT: 15.36 min Scan# 2103  
Delta R.T. -0.01 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Tgt Ion:166 Resp: 780253  
Ion Ratio Lower Upper  
166 100  
165 98.0 78.5 117.7  
167 13.8 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

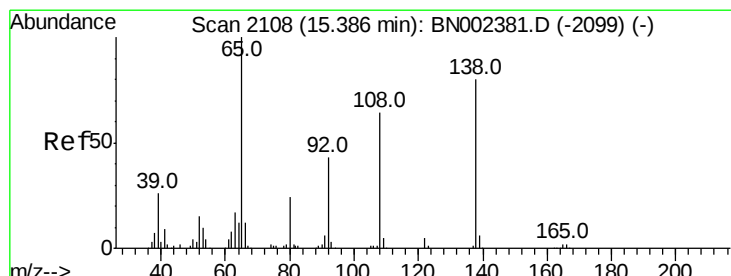
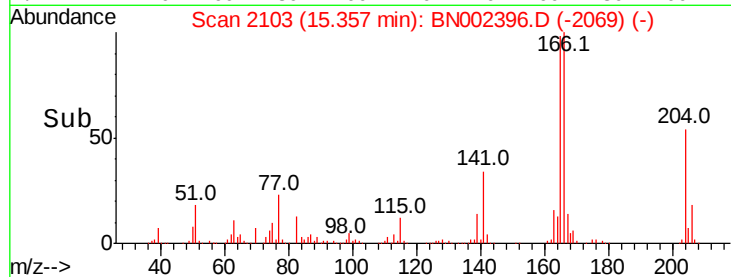
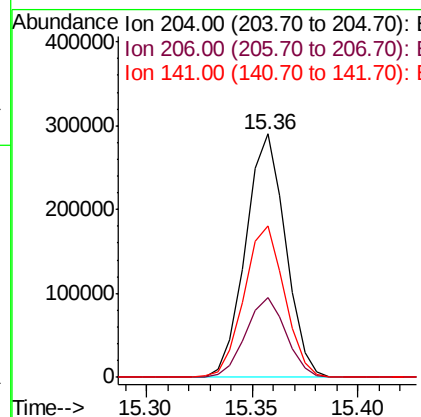
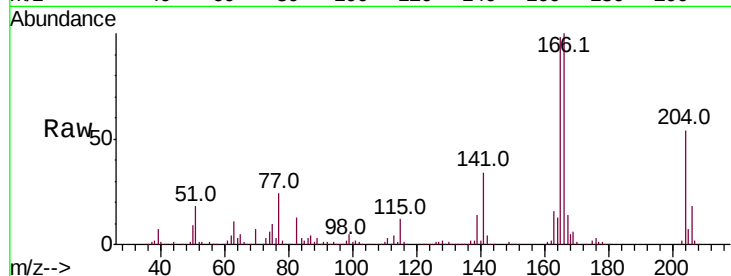




#59  
 4-Chlorophenyl-phenylether  
 Concen: 21.544 ng/ul  
 RT: 15.36 min Scan# 2103  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

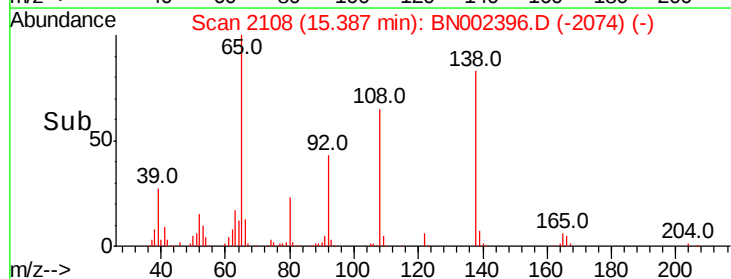
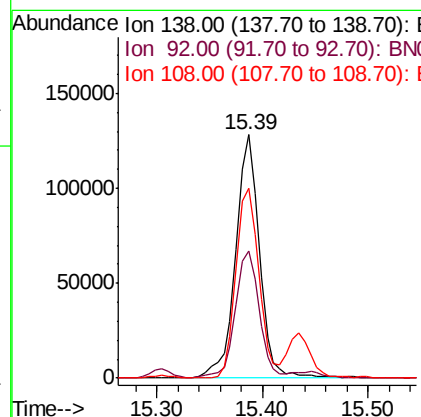
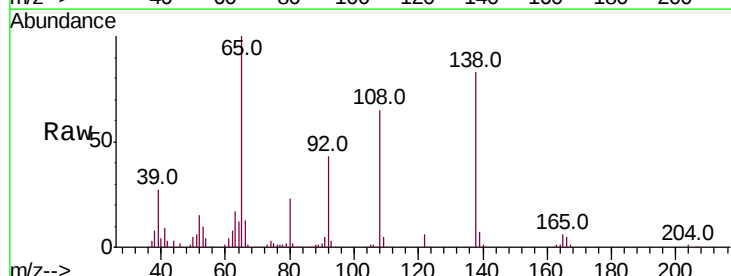
Instrument :  
 BNA\_N  
 ClientSampled :

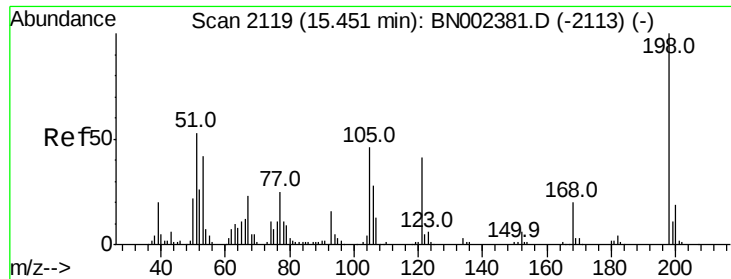
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.6  | 26.2  | 39.4  |
| 141     | 62.1  | 54.6  | 81.8  |



#60  
 4-Nitroaniline  
 Concen: 21.738 ng/ul  
 RT: 15.39 min Scan# 2108  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 52.4  | 40.6  | 60.8  |
| 108     | 78.1  | 67.0  | 100.6 |

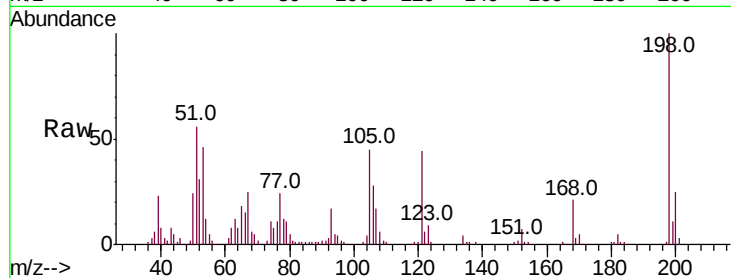




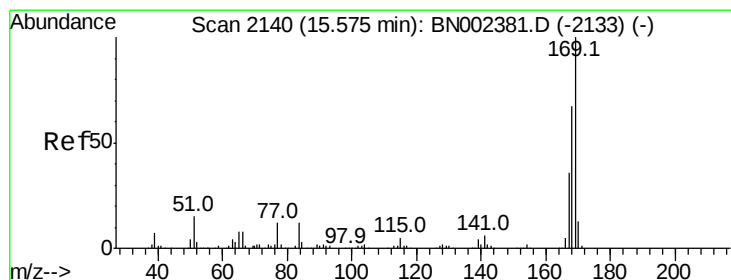
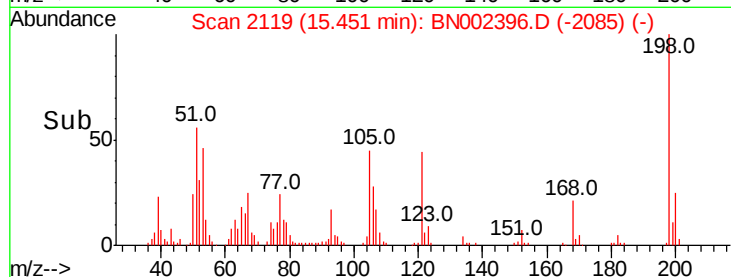
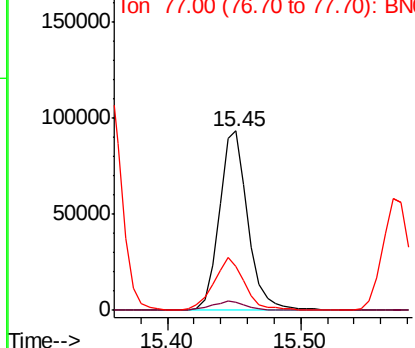
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.759 ng/ul  
 RT: 15.45 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:198 Resp: 140743  
 Ion Ratio Lower Upper  
 198 100  
 182 4.7 3.1 4.7  
 77 24.5 20.1 30.1

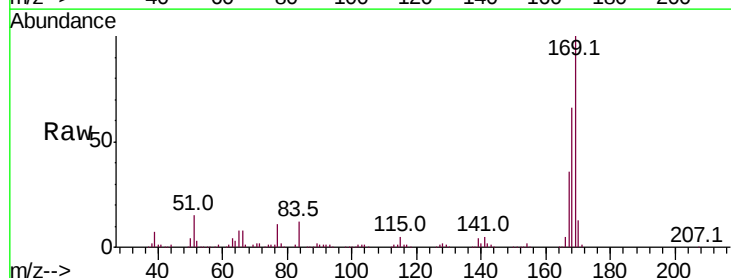


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BNO

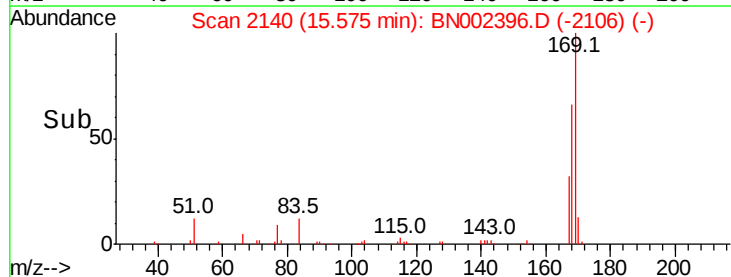
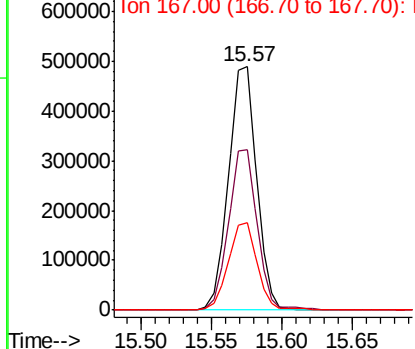


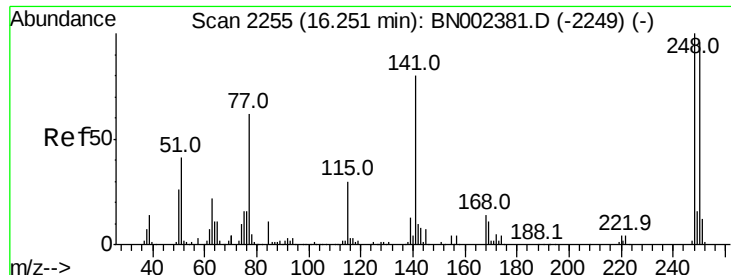
#64  
 N-Nitrosodiphenylamine  
 Concen: 21.409 ng/ul  
 RT: 15.57 min Scan# 2140  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

Tgt Ion:169 Resp: 678437  
 Ion Ratio Lower Upper  
 169 100  
 168 65.8 53.8 80.8  
 167 35.7 29.3 43.9



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

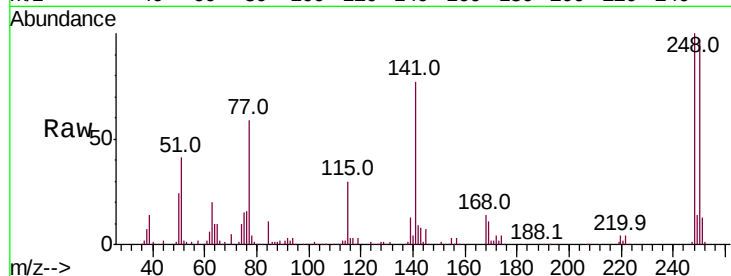




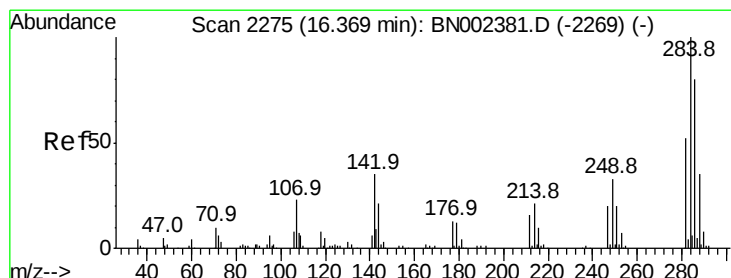
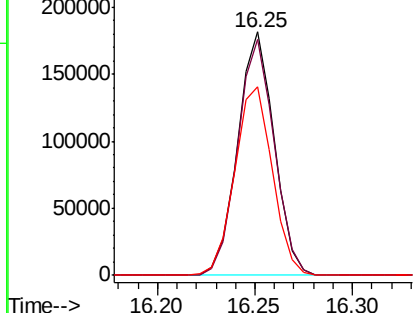
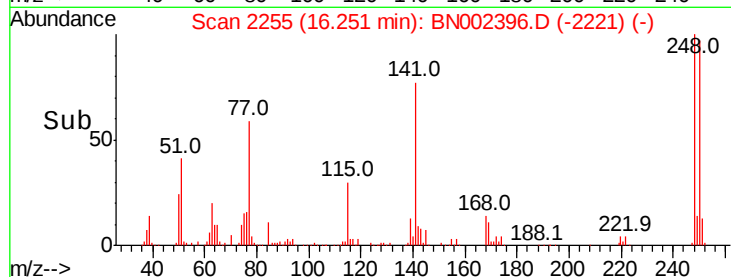
#65  
4-Bromophenyl-phenylether  
Concen: 21.189 ng/ul  
RT: 16.25 min Scan# 2255  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:248 Resp: 234428  
Ion Ratio Lower Upper  
248 100  
250 96.7 78.7 118.1  
141 77.2 72.2 108.2

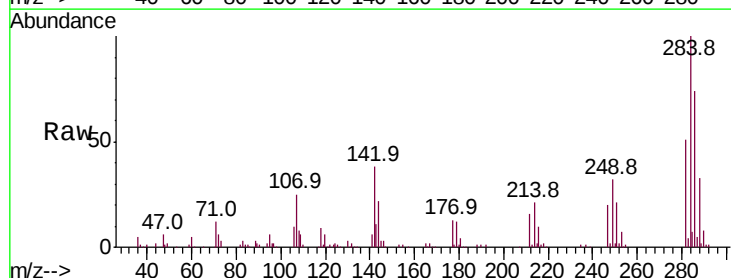


Abundance Ion 248.00 (247.70 to 248.70): E  
250000 Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

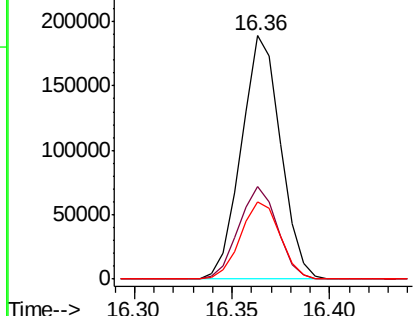
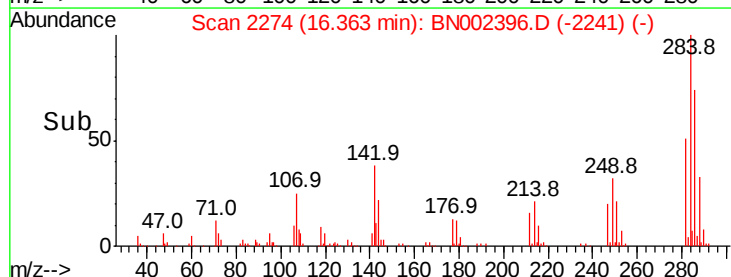


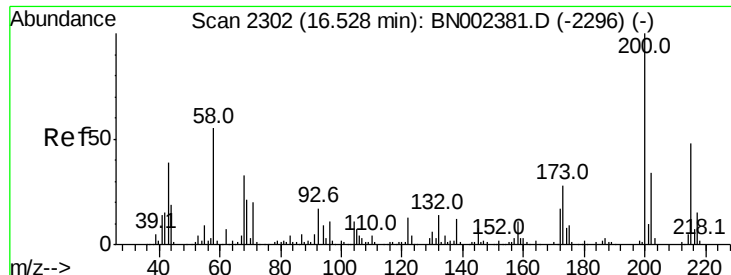
#66  
Hexachlorobenzene  
Concen: 21.383 ng/ul  
RT: 16.36 min Scan# 2274  
Delta R.T. -0.01 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Tgt Ion:284 Resp: 264020  
Ion Ratio Lower Upper  
284 100  
142 38.0 33.1 49.7  
249 31.8 27.1 40.7



Abundance Ion 284.00 (283.70 to 284.70): E  
250000 Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

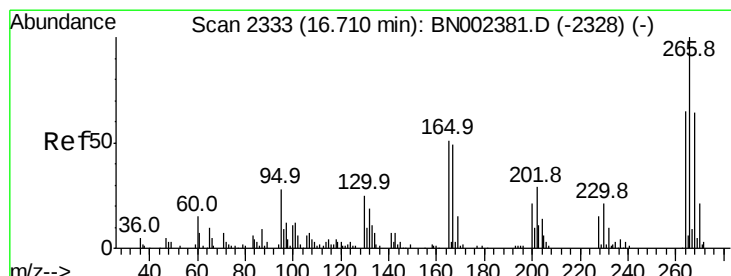
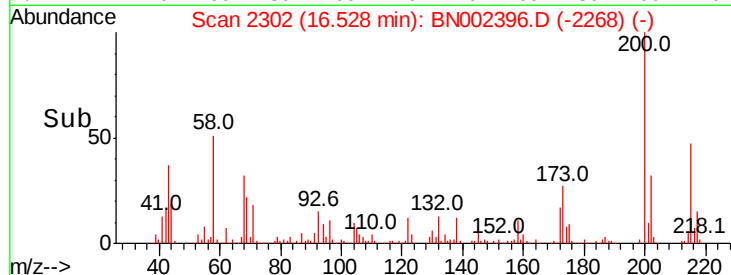
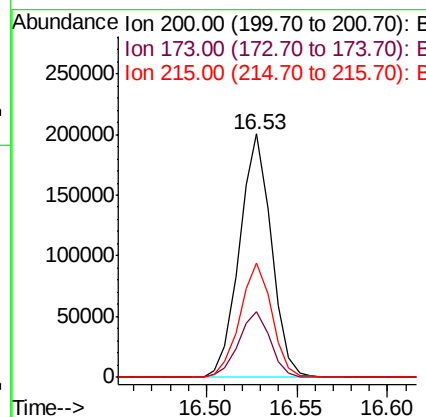
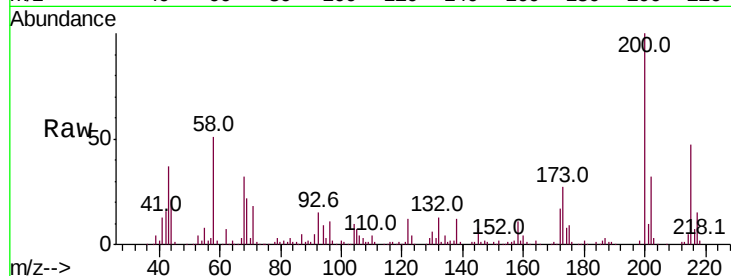




#67  
Atrazine  
Concen: 21.113 ng/ul  
RT: 16.53 min Scan# 2302  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

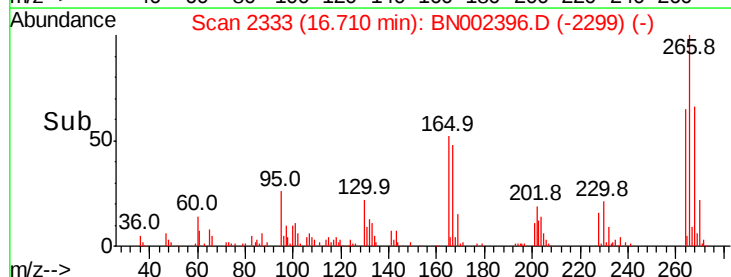
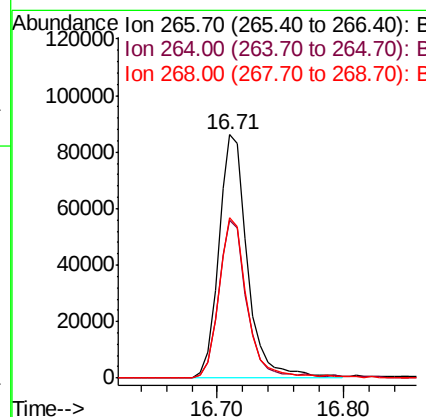
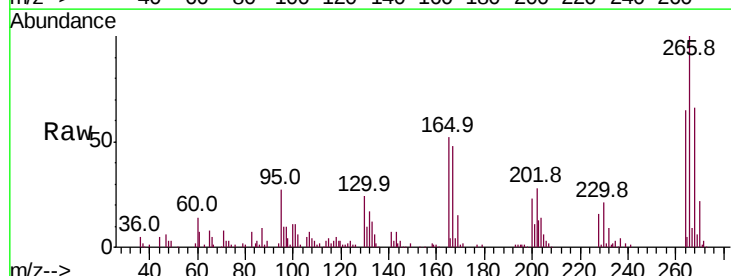
Instrument :  
BNA\_N  
ClientSampled :

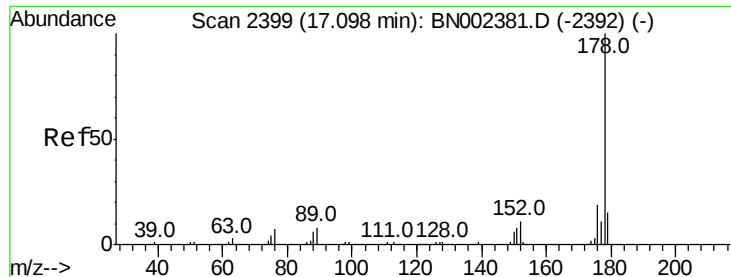
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.1  | 21.6  | 32.4  |
| 215     | 46.9  | 37.0  | 55.4  |



#68  
Pentachlorophenol  
Concen: 19.680 ng/ul  
RT: 16.71 min Scan# 2333  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 65.0  | 50.5  | 75.7  |
| 268     | 66.1  | 50.9  | 76.3  |





#69

Phenanthrene

Concen: 21.255 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampleId :

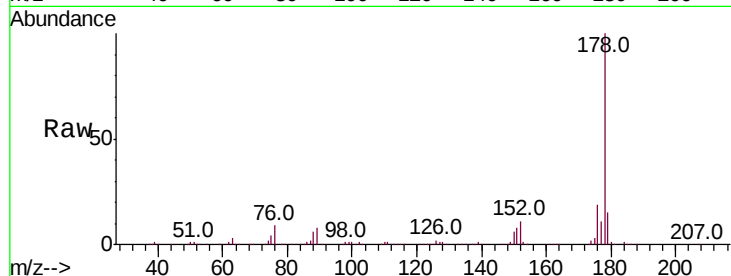
Tot Ion:178 Resp: 1270766

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

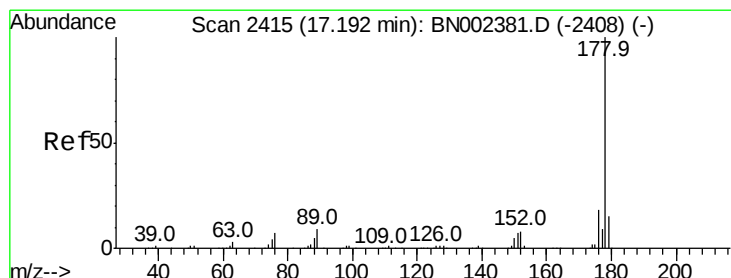
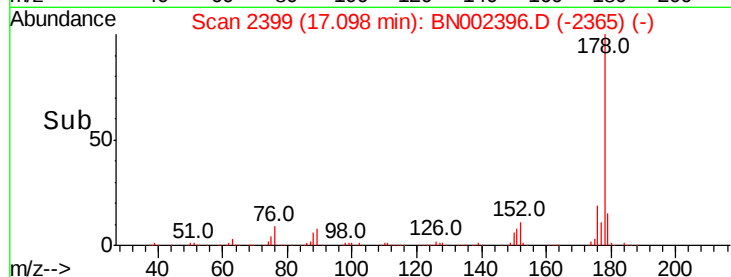
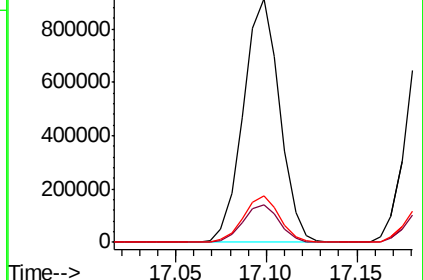
176 19.2 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 21.310 ng/ul

RT: 17.19 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

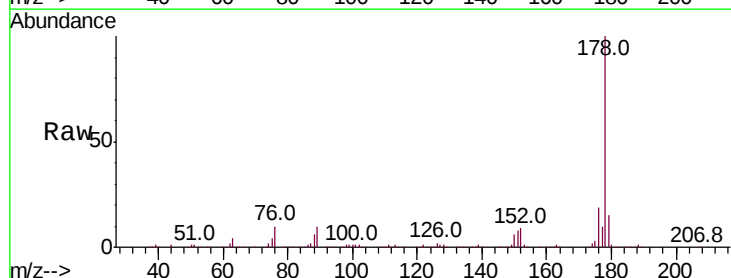
Tgt Ion:178 Resp: 1292148

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

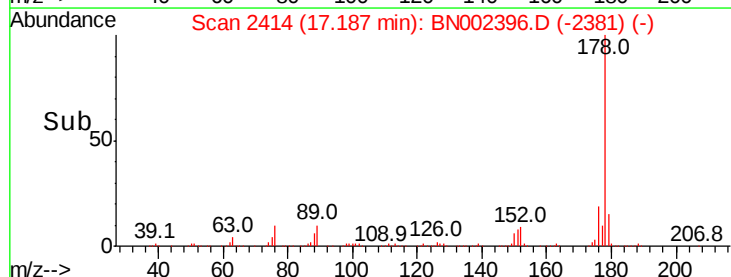
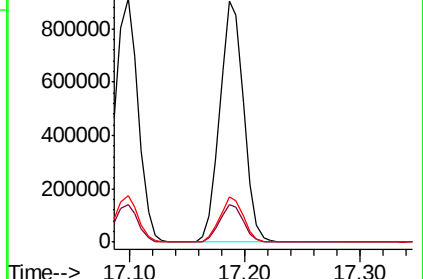
176 18.7 14.8 22.2

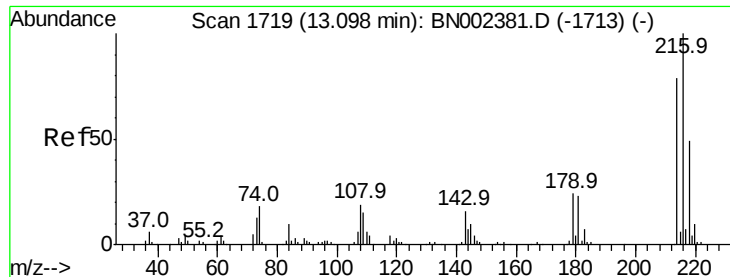


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

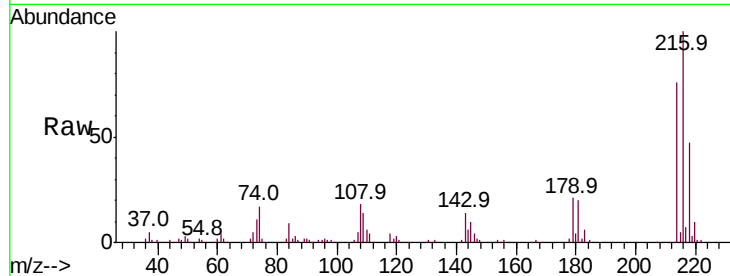




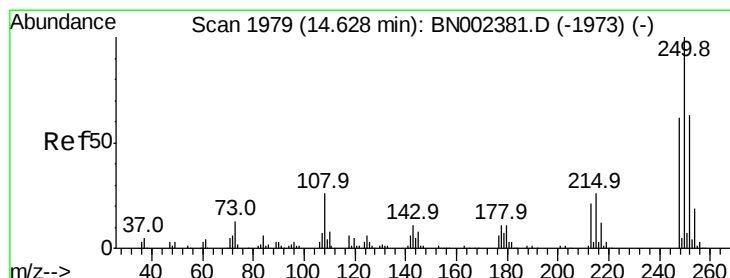
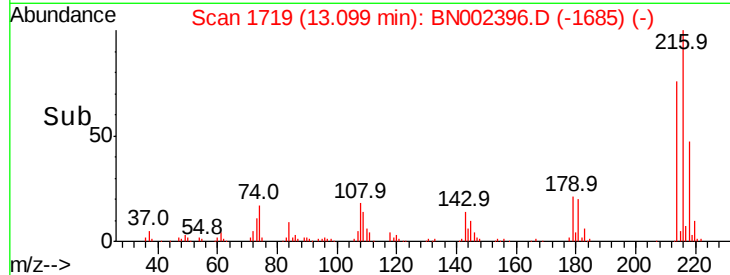
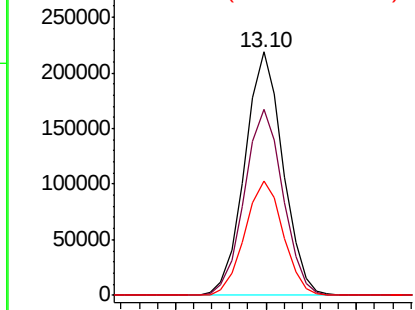
#72  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 21.093 ng/uL  
 RT: 13.10 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

Instrument :  
 BNA\_N  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 76.2  | 62.5  | 93.7  |
| 218     | 46.9  | 38.4  | 57.6  |

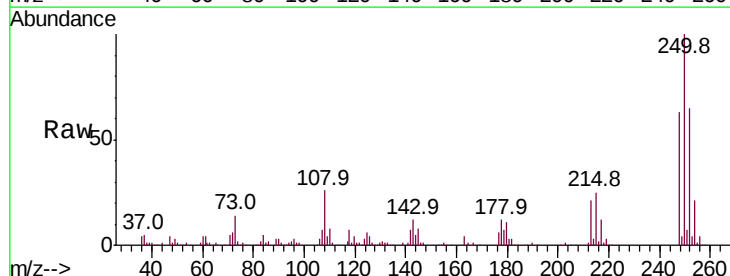


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 218.00 (217.70 to 218.70): E

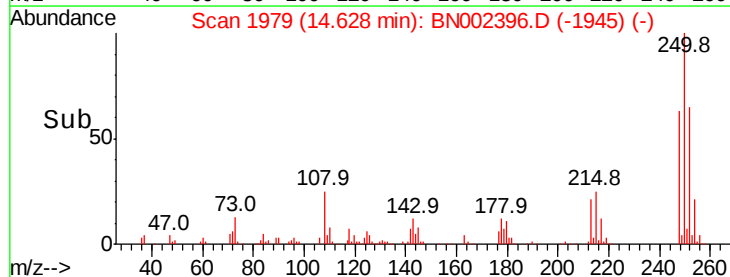
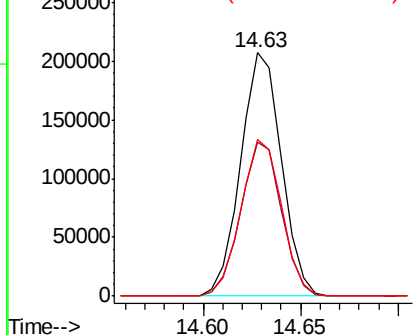


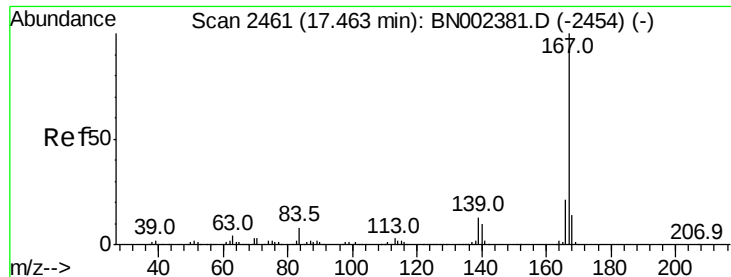
#73  
 Pentachlorobenzene  
 Concen: 20.716 ng/uL  
 RT: 14.63 min Scan# 1979  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 63.3  | 50.6  | 75.8  |
| 252     | 64.6  | 51.4  | 77.0  |



Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E

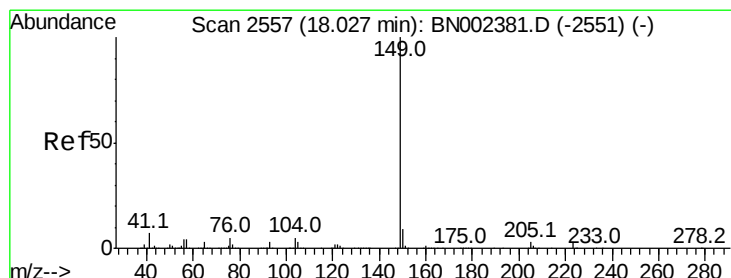
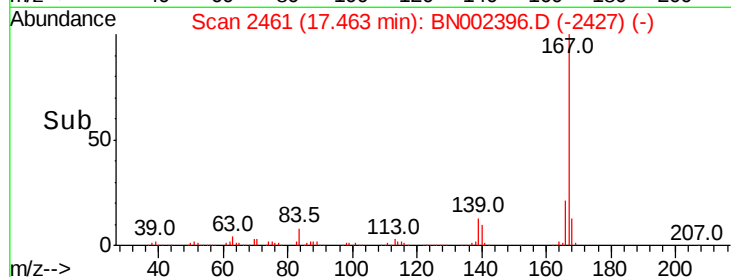
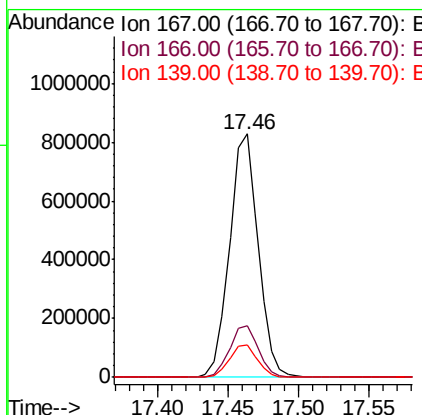
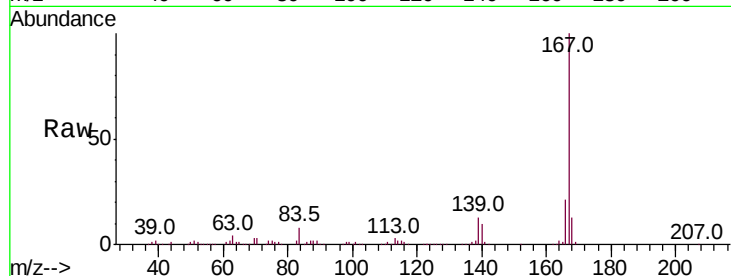




#74  
 Carbazole  
 Concen: 21.784 ng/ul  
 RT: 17.46 min Scan# 2461  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

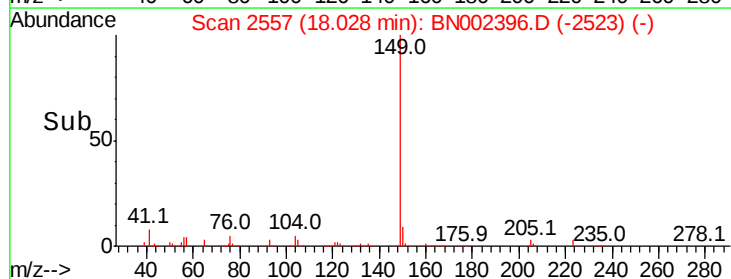
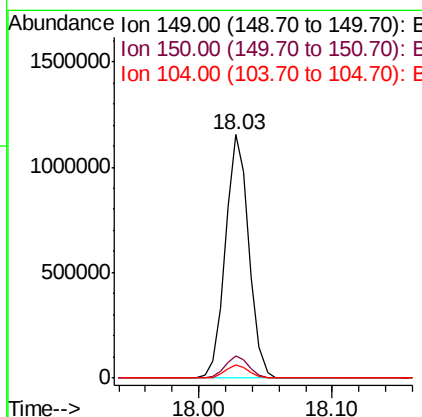
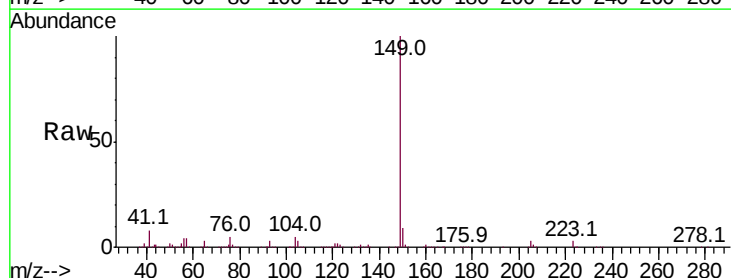
Instrument :  
 BNA\_N  
 ClientSampleId :

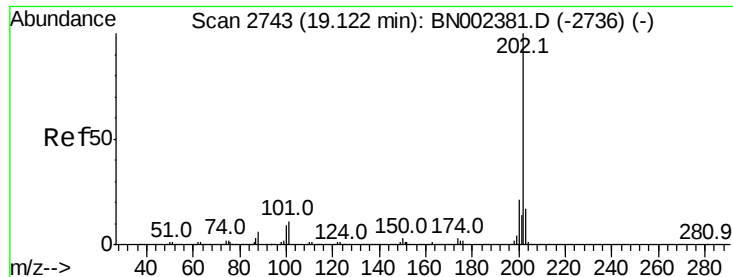
Tot Ion:167 Resp: 1171401  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.0 25.6  
 139 13.4 11.0 16.4



#75  
 Di-n-butylphthalate  
 Concen: 21.796 ng/ul  
 RT: 18.03 min Scan# 2557  
 Delta R.T. 0.00 min  
 Lab File: BN002396.D  
 Acq: 18 Aug 2018 01:34

Tgt Ion:149 Resp: 1424796  
 Ion Ratio Lower Upper  
 149 100  
 150 9.2 7.4 11.0  
 104 5.2 4.0 6.0





#76

Fluoranthene

Concen: 22.346 ng/ul

RT: 19.12 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

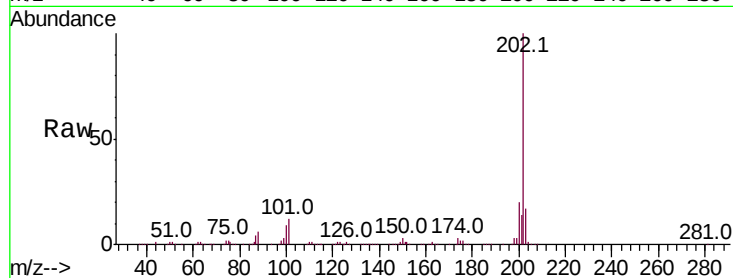
Instrument :

BNA\_N

ClientSampled :

Tot Ion:202 Resp: 1520526

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.8  | 8.8   | 13.2  |
| 100 | 9.3   | 6.6   | 9.8   |

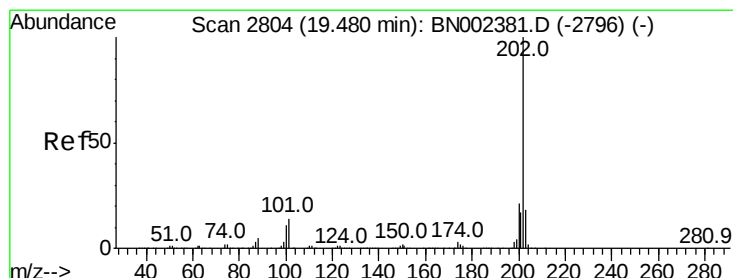
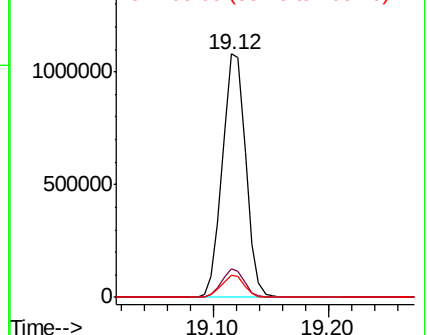
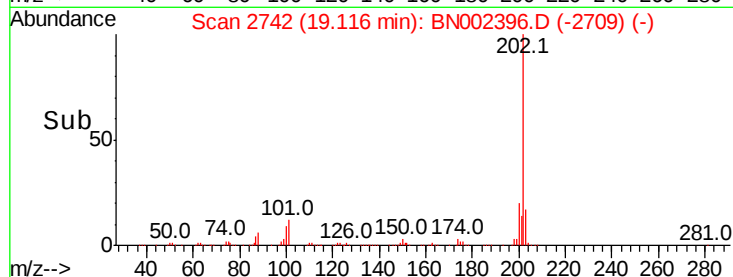


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 20.958 ng/ul

RT: 19.48 min Scan# 2804

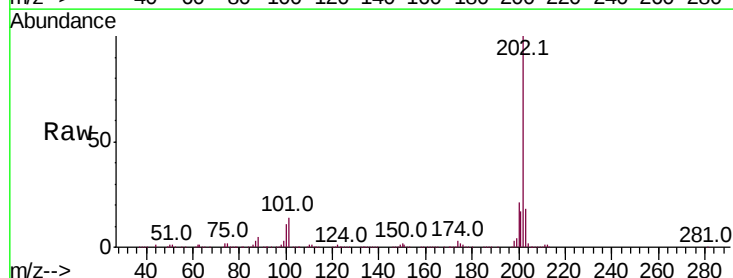
Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Tgt Ion:202 Resp: 1542704

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 13.7  | 10.2  | 15.2  |
| 100 | 11.3  | 8.5   | 12.7  |

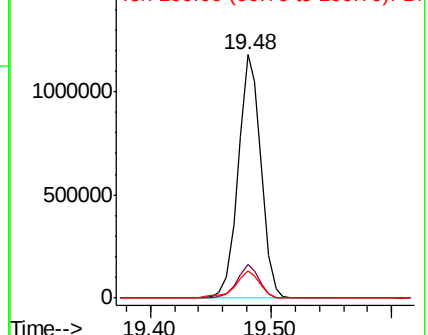
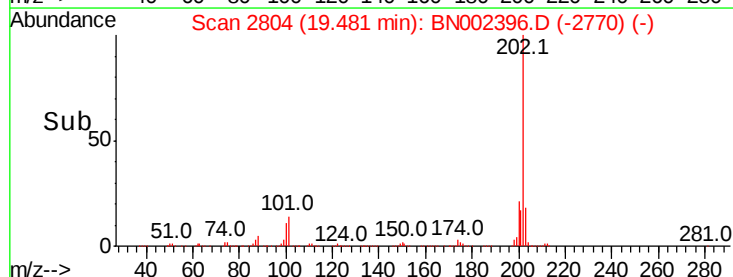


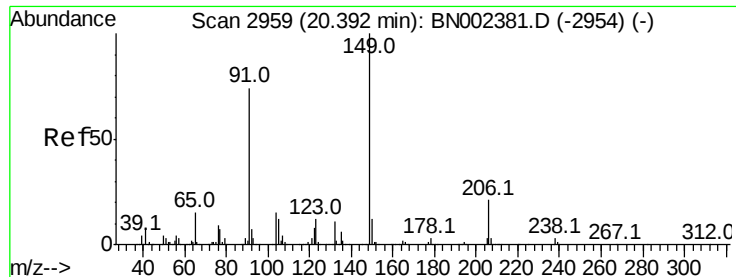
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

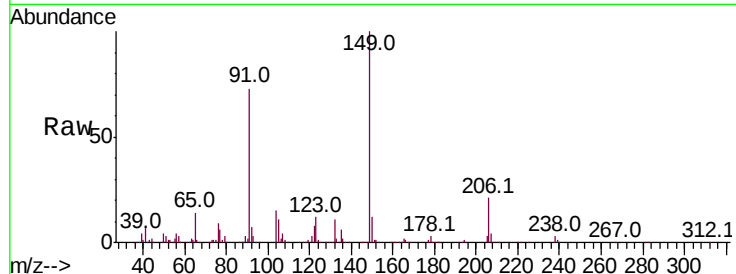




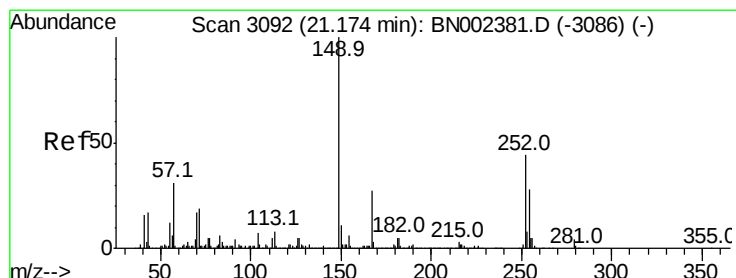
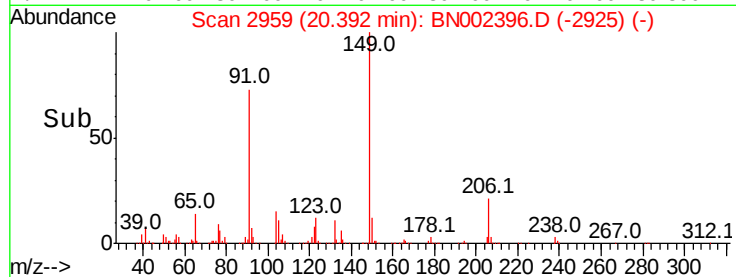
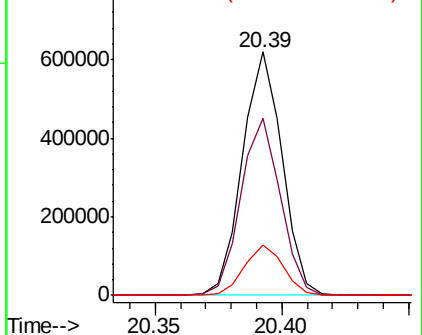
#80  
Butylbenzylphthalate  
Concen: 21.670 ng/ul  
RT: 20.39 min Scan# 2959  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.8  | 53.4  | 80.2  |
| 206     | 20.8  | 16.6  | 24.8  |

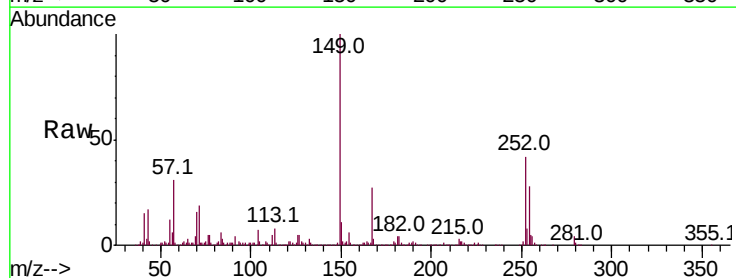


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BNA  
Ion 206.00 (205.70 to 206.70): E

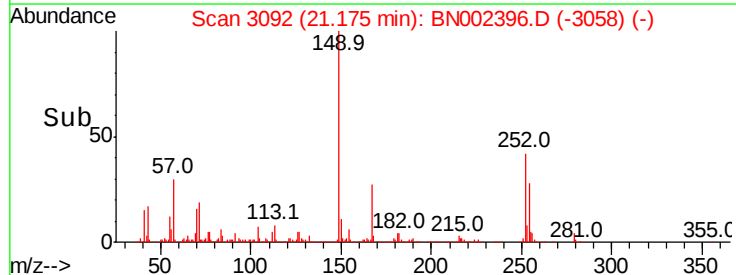
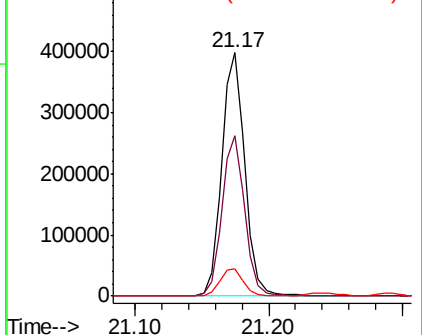


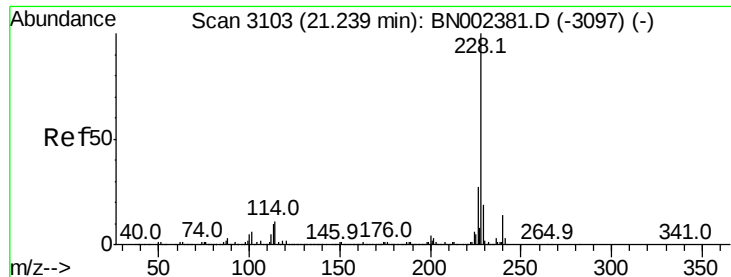
#81  
3,3'-Dichlorobenzidine  
Concen: 19.966 ng/ul  
RT: 21.17 min Scan# 3092  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.8  | 52.2  | 78.2  |
| 126     | 11.5  | 9.4   | 14.2  |



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

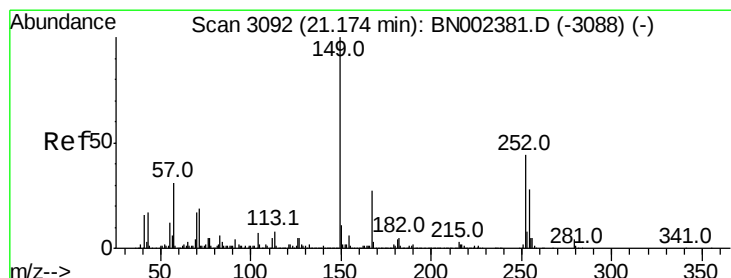
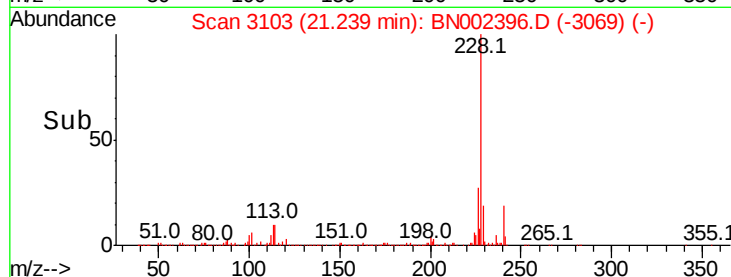
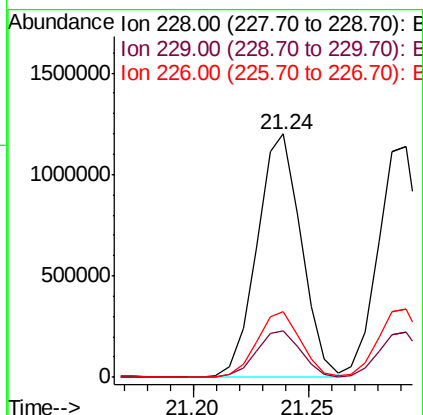
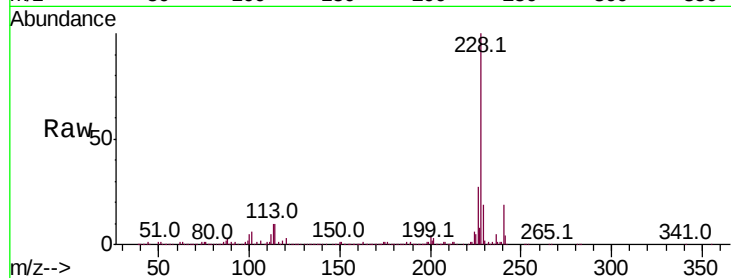




#82  
Benzo(a)anthracene  
Concen: 21.304 ng/ul  
RT: 21.24 min Scan# 3103  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

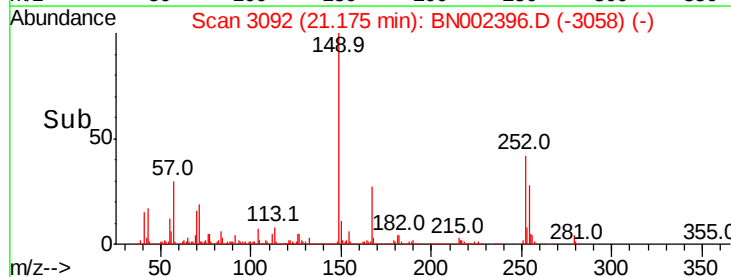
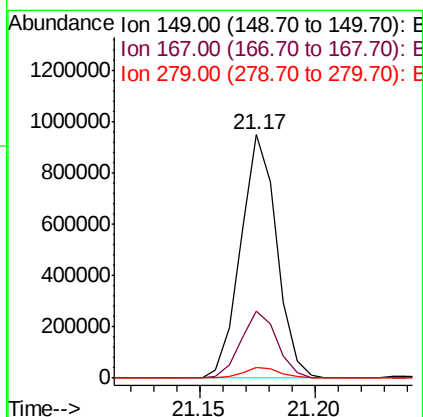
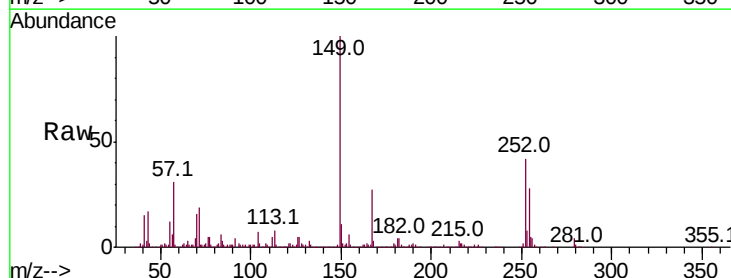
Instrument :  
BNA\_N  
ClientSampleId :

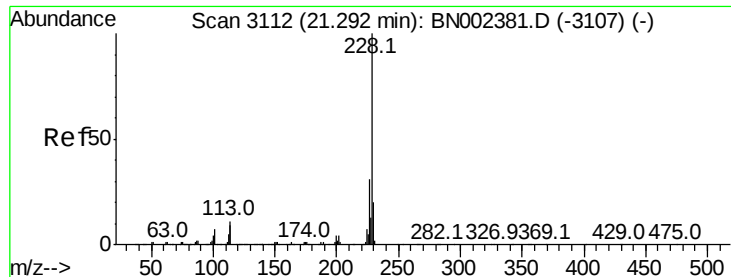
Tot Ion:228 Resp: 1593282  
Ion Ratio Lower Upper  
228 100  
229 19.3 15.7 23.5  
226 27.2 21.8 32.6



#83  
Bis(2-ethylhexyl)phthalate  
Concen: 22.058 ng/ul  
RT: 21.17 min Scan# 3092  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Tgt Ion:149 Resp: 1031886  
Ion Ratio Lower Upper  
149 100  
167 27.4 21.6 32.4  
279 4.1 3.0 4.4





#84

Chrysene

Concen: 21.060 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

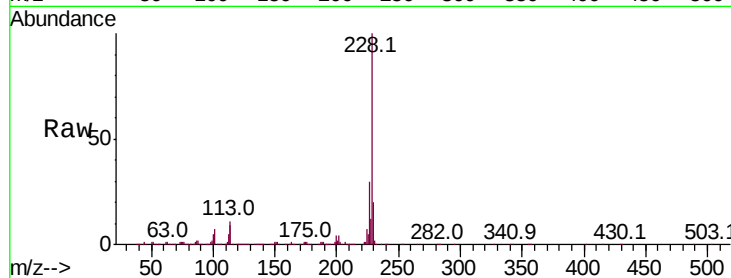
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:228 Resp: 1490687

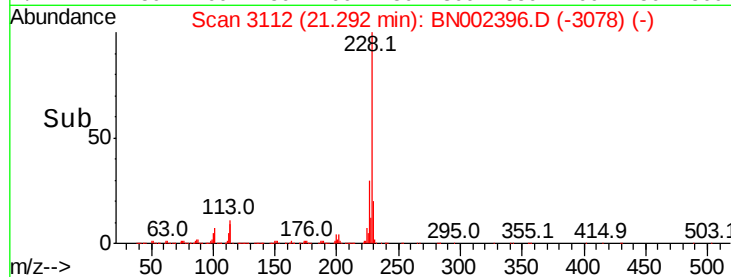
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.8  | 24.0  | 36.0  |
| 229 | 19.7  | 15.6  | 23.4  |



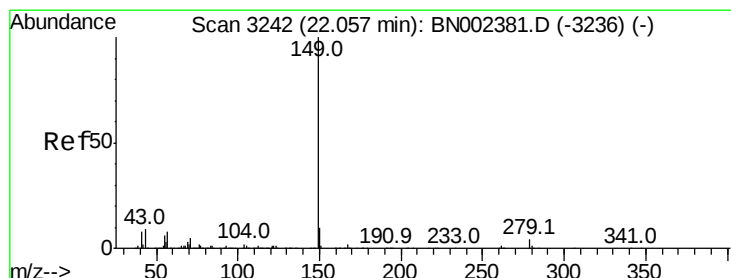
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#86

Di-n-octyl phthalate

Concen: 21.991 ng/ul

RT: 22.05 min Scan# 3241

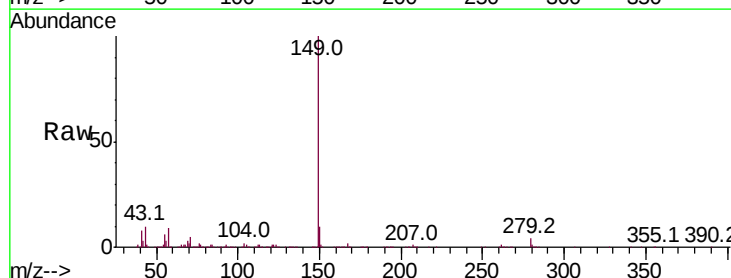
Delta R.T. -0.01 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Tgt Ion:149 Resp: 1788372

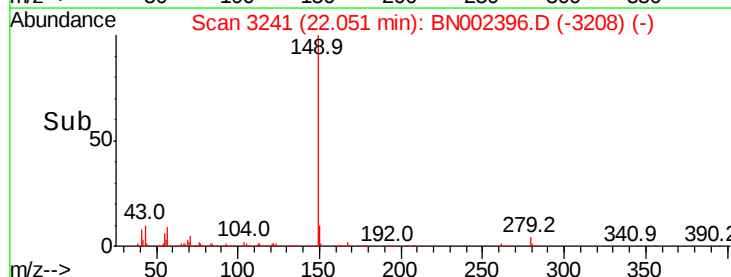
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.5   | 1.2   | 1.8   |
| 43  | 10.3  | 5.6   | 8.4   |



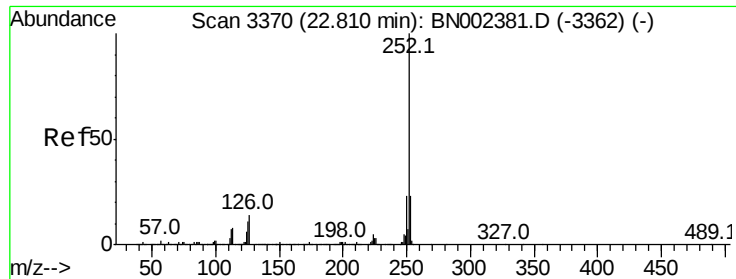
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



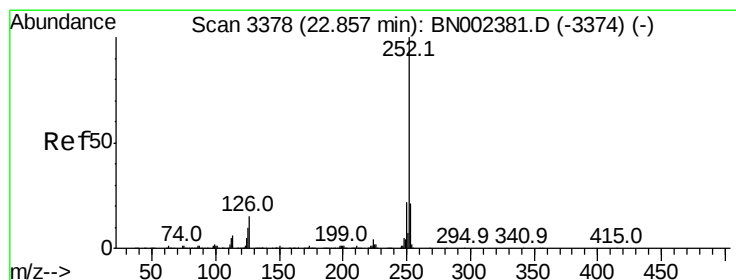
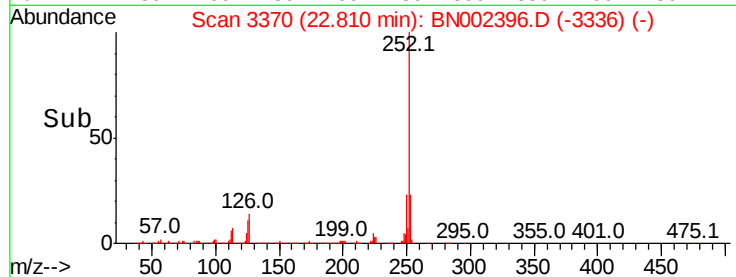
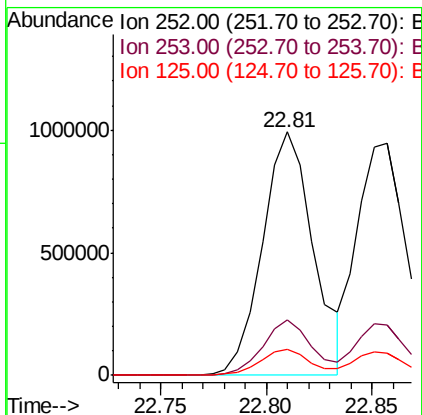
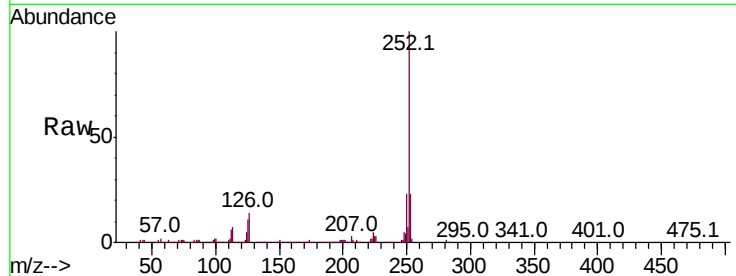
Time-->



#87  
Benzo(b)fluoranthene  
Concen: 21.784 ng/ul  
RT: 22.81 min Scan# 3370  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

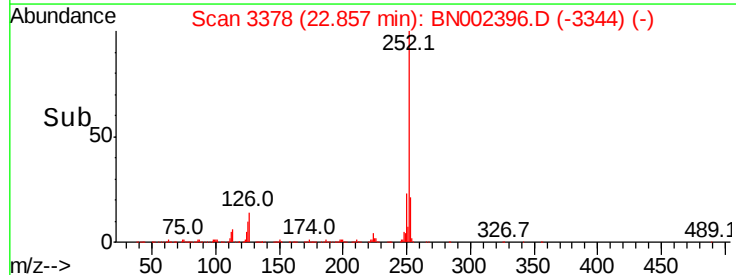
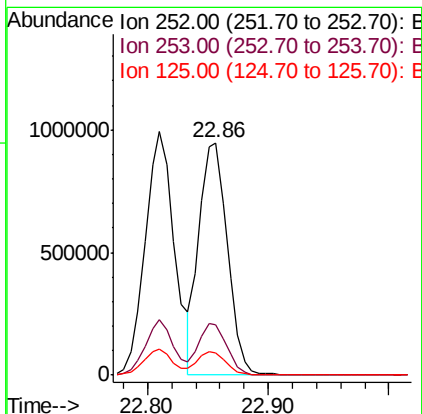
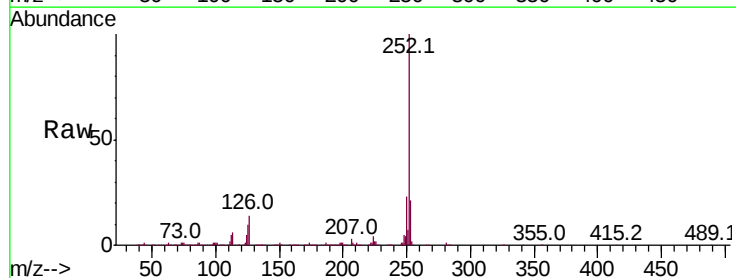
Instrument :  
BNA\_N  
ClientSampled :

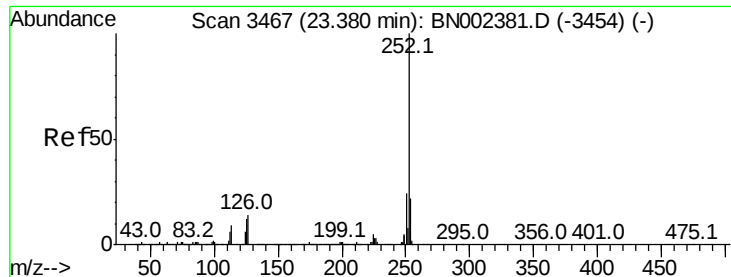
Tot Ion:252 Resp: 1670967  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.5 26.3  
125 10.7 8.5 12.7



#88  
Benzo(k)fluoranthene  
Concen: 21.305 ng/ul  
RT: 22.86 min Scan# 3378  
Delta R.T. 0.00 min  
Lab File: BN002396.D  
Acq: 18 Aug 2018 01:34

Tgt Ion:252 Resp: 1539541  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.3 25.9  
125 9.8 8.2 12.2





#90

Benzo(a)pyrene

Concen: 21.618 ng/ul

RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Instrument :

BNA\_N

ClientSampled :

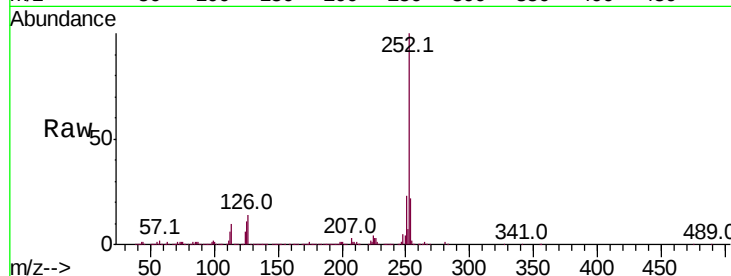
Tot Ion:252 Resp: 1579591

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

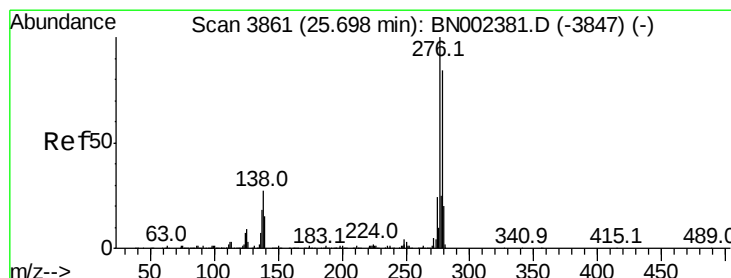
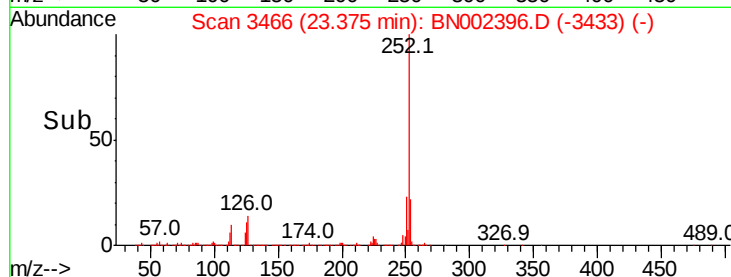
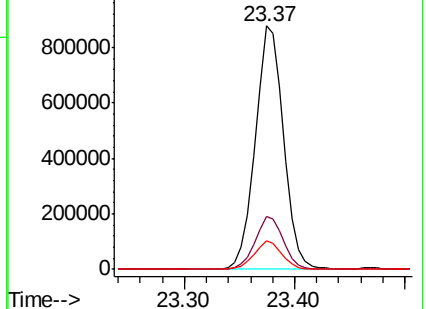
125 11.5 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.911 ng/ul

RT: 25.69 min Scan# 3860

Delta R.T. -0.01 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

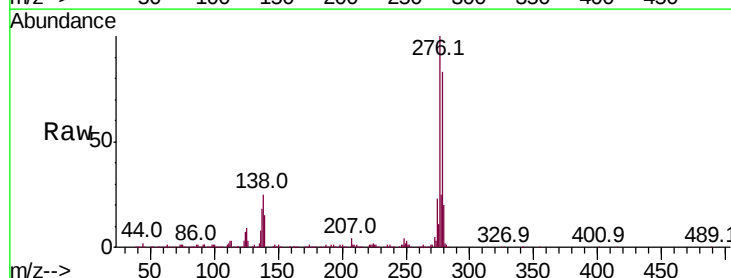
Tgt Ion:276 Resp: 1817763

Ion Ratio Lower Upper

276 100

138 25.3 22.3 33.5

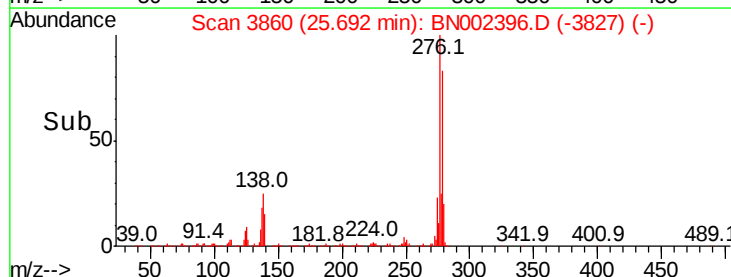
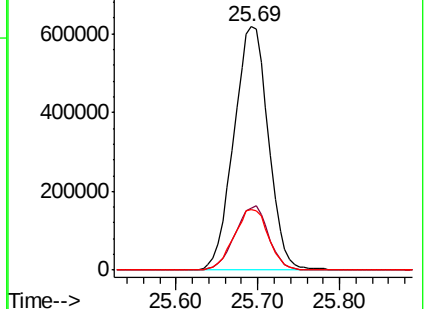
277 25.1 20.2 30.2

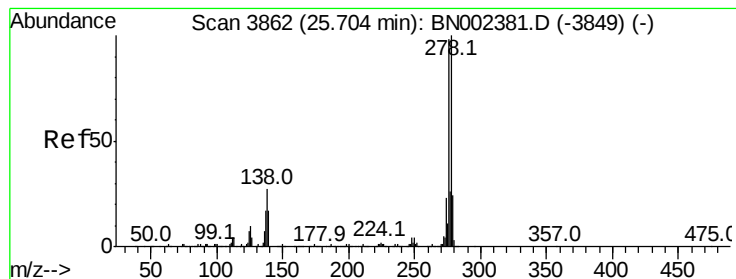


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 20.964 ng/ul

RT: 25.70 min Scan# 3862

Delta R.T. 0.00 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

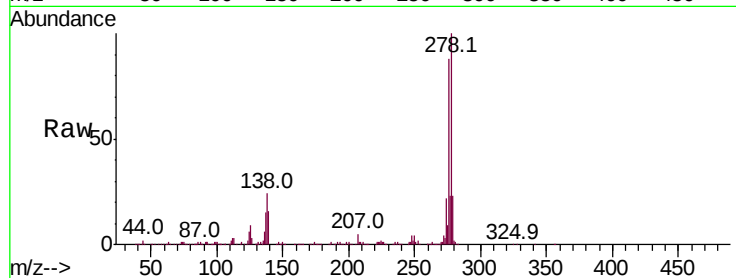
Instrument :

BNA\_N

ClientSampleId :

Tot Ion:278 Resp: 1523515

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 16.1  | 13.9  | 20.9  |
| 279 | 23.0  | 19.0  | 28.4  |

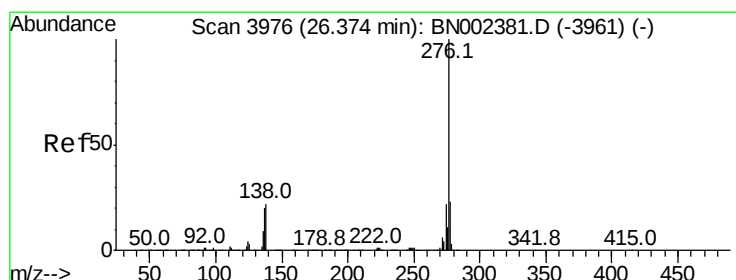
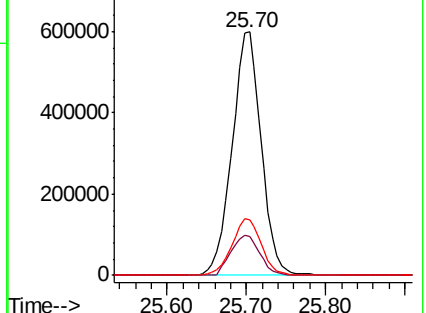
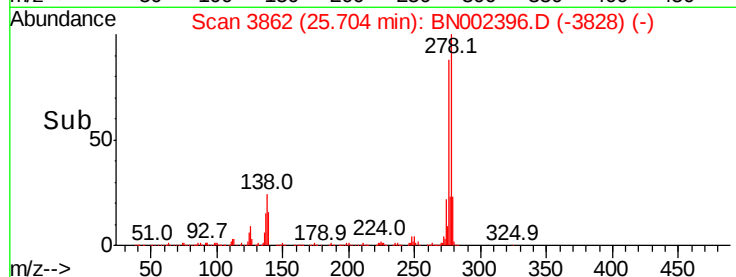


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 20.355 ng/ul

RT: 26.37 min Scan# 3975

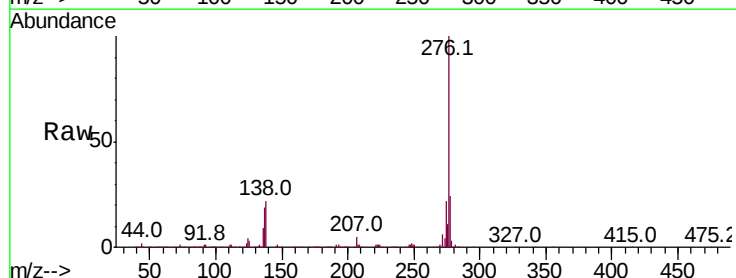
Delta R.T. -0.01 min

Lab File: BN002396.D

Acq: 18 Aug 2018 01:34

Tgt Ion:276 Resp: 1476338

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 21.5  | 18.9  | 28.3  |
| 277 | 24.2  | 19.2  | 28.8  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

