

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN040319\  
 Data File : BN005083.D  
 Acq On : 04 Apr 2019 08:07  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 04 15:00:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 14:56:07 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.64  | 152  | 9122     | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.43 | 136  | 42175    | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.30 | 164  | 25020    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.05 | 188  | 58994    | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.26 | 240  | 69914    | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.49 | 264  | 74182    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.23  | 112 | 40933  | 77.58 | ng | -0.01 |
| 7) Phenol-d6             | 6.82  | 99  | 55203  | 78.88 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 8.81  | 82  | 53143  | 76.22 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 33672  | 83.44 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 12.91 | 172 | 150974 | 79.96 | ng | 0.00  |
| 79) Terphenyl-d14        | 19.69 | 244 | 268115 | 73.83 | ng | 0.00  |

## Target Compounds

|                                |       |     |       |        |    | Qvalue |
|--------------------------------|-------|-----|-------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.18  | 88  | 6901  | 35.891 | ng | 98     |
| 3) Pyridine                    | 3.56  | 79  | 21679 | 40.347 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.49  | 42  | 6611  | 37.741 | ng | 99     |
| 6) Aniline                     | 6.98  | 93  | 34828 | 39.082 | ng | 99     |
| 8) 2-Chlorophenol              | 7.21  | 128 | 26565 | 39.662 | ng | 97     |
| 9) Benzaldehyde                | 6.80  | 77  | 16031 | 39.865 | ng | 99     |
| 10) Phenol                     | 6.85  | 94  | 29666 | 39.561 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.08  | 93  | 22807 | 39.331 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.53  | 146 | 28631 | 39.234 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.68  | 146 | 29168 | 39.488 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.99  | 146 | 28270 | 39.991 | ng | 99     |
| 15) Benzyl Alcohol             | 7.89  | 79  | 20918 | 39.289 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.16  | 45  | 26357 | 37.673 | ng | 99     |
| 17) 2-Methylphenol             | 8.09  | 107 | 21168 | 40.493 | ng | 99     |
| 18) Hexachloroethane           | 8.70  | 117 | 10144 | 38.745 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.45  | 70  | 18405 | 40.119 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.42  | 107 | 28771 | 40.534 | ng | 99     |
| 22) Acetophenone               | 8.47  | 105 | 38002 | 39.472 | ng | # 100  |
| 24) Nitrobenzene               | 8.85  | 77  | 27059 | 38.349 | ng | 99     |
| 25) Isophorone                 | 9.36  | 82  | 52962 | 38.993 | ng | 99     |
| 26) 2-Nitrophenol              | 9.55  | 139 | 15411 | 37.616 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 9.61  | 122 | 22363 | 39.206 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.85  | 93  | 33105 | 39.338 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.08 | 162 | 26181 | 39.936 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.29 | 180 | 29099 | 40.295 | ng | 98     |
| 31) Naphthalene                | 10.48 | 128 | 87076 | 39.572 | ng | 100    |
| 32) Benzoic acid               | 9.61  | 122 | 22363 | 48.517 | ng | # 14   |
| 33) 4-Chloroaniline            | 10.60 | 127 | 36355 | 40.608 | ng | 99     |
| 34) Hexachlorobutadiene        | 10.75 | 225 | 18432 | 39.446 | ng | 99     |
| 35) Caprolactam                | 11.40 | 113 | 9104  | 42.411 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 11.73 | 107 | 28331 | 40.004 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.10 | 142 | 62898 | 40.479 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.32 | 142 | 61773 | 40.628 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.47 | 216 | 34932 | 39.363 | ng | 99     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

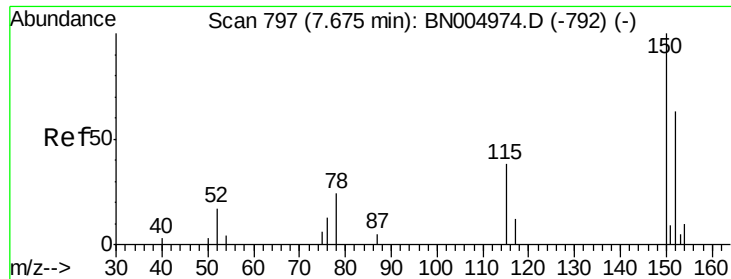
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Apr 04 15:00:19 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 04 14:56:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.43 | 237  | 16988    | 36.420 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.72 | 196  | 21059    | 38.244 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.80 | 196  | 22980    | 38.307 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.12 | 154  | 84059    | 39.696 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.17 | 162  | 64292    | 39.564 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.39 | 65   | 17002    | 39.304 | ng    | 98       |
| 49) Acenaphthylene             | 14.02 | 152  | 109217   | 39.960 | ng    | 100      |
| 50) Dimethylphthalate          | 13.76 | 163  | 84064    | 40.896 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.89 | 165  | 19143    | 40.926 | ng    | 98       |
| 52) Acenaphthene               | 14.36 | 154  | 61771    | 40.176 | ng    | 100      |
| 53) 3-Nitroaniline             | 14.23 | 138  | 19351    | 40.478 | ng    | 99       |
| 55) Dibenzofuran               | 14.70 | 168  | 99359    | 40.612 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.54 | 139  | 9132     | 24.248 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 14.69 | 165  | 26492    | 41.676 | ng    | 99       |
| 58) Fluorene                   | 15.35 | 166  | 81868    | 41.424 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.93 | 232  | 20474    | 36.810 | ng    | # 100    |
| 60) Diethylphthalate           | 15.13 | 149  | 85066    | 41.471 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.35 | 204  | 42152    | 41.344 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.40 | 138  | 20358    | 42.383 | ng    | 97       |
| 63) Azobenzene                 | 15.64 | 77   | 67331    | 39.433 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.45 | 198  | 1417     | 6.484  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.57 | 169  | 71821    | 38.649 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.24 | 248  | 29145    | 39.589 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.35 | 284  | 35211    | 40.824 | ng    | 97       |
| 69) Atrazine                   | 16.52 | 200  | 26877    | 40.483 | ng    | 99       |
| 70) Pentachlorophenol          | 16.70 | 266  | 8242     | 18.175 | ng    | 99       |
| 71) Phenanthrene               | 17.09 | 178  | 131167   | 39.570 | ng    | 99       |
| 72) Anthracene                 | 17.19 | 178  | 132999   | 40.310 | ng    | 100      |
| 73) Carbazole                  | 17.46 | 167  | 121572   | 40.481 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.02 | 149  | 151345   | 41.369 | ng    | 100      |
| 75) Fluoranthene               | 19.12 | 202  | 160762   | 42.512 | ng    | 99       |
| 77) Benzidine                  | 19.32 | 184  | 72711    | 33.371 | ng    | 99       |
| 78) Pyrene                     | 19.49 | 202  | 163148   | 34.948 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.39 | 149  | 69953    | 36.878 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.24 | 228  | 170565   | 39.166 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 65254    | 40.070 | ng    | 99       |
| 83) Chrysene                   | 21.30 | 228  | 164886   | 39.639 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.16 | 149  | 104123   | 39.673 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.04 | 149  | 179103   | 42.286 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 25.74 | 276  | 193040   | 40.848 | ng    | 100      |
| 88) Benzo(b)fluoranthene       | 22.82 | 252  | 182772   | 40.028 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 22.87 | 252  | 162995   | 38.927 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.40 | 252  | 163140   | 39.043 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 25.75 | 278  | 159754   | 38.083 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.43 | 276  | 152517   | 36.764 | ng    | 100      |

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



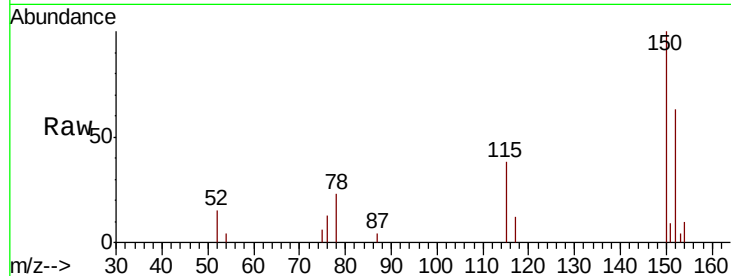


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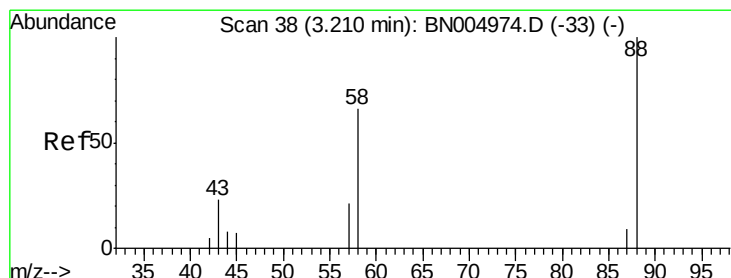
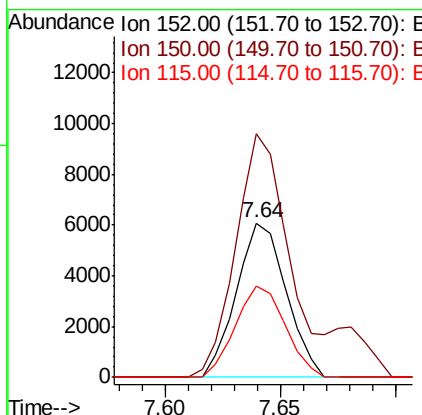
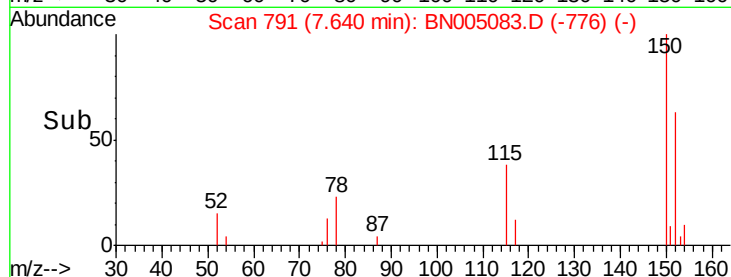
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.64 min Scan# 791  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:152 Resp: 9122  
Ion Ratio Lower Upper  
152 100  
150 157.9 125.8 188.6  
115 59.4 47.9 71.9



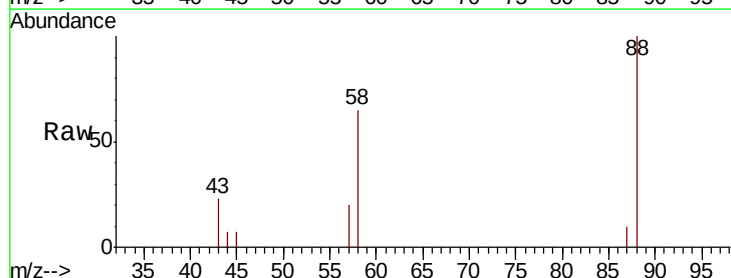
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



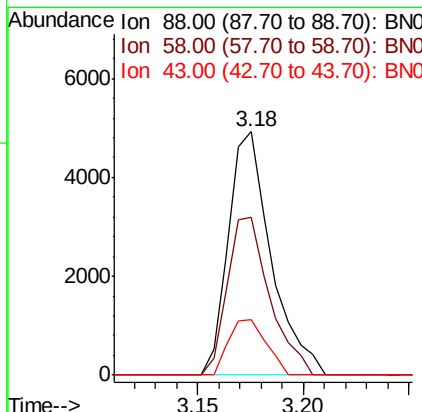
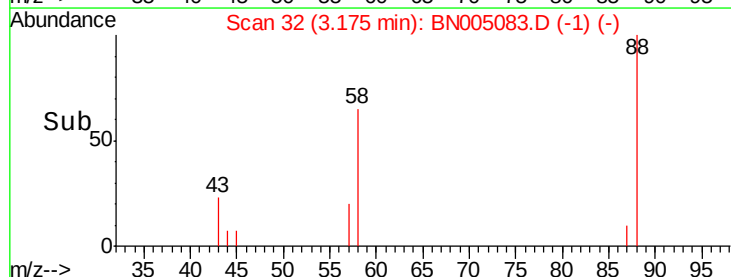
#2

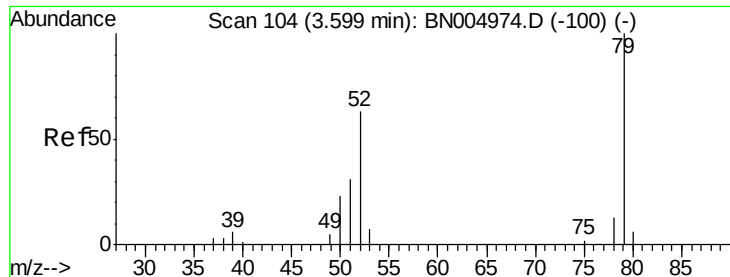
1,4-Dioxane  
Concen: 35.891 ng  
RT: 3.18 min Scan# 32  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Tgt Ion: 88 Resp: 6901  
Ion Ratio Lower Upper  
88 100  
58 63.8 49.8 74.6  
43 19.8 16.4 24.6



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: 40.347 ng

RT: 3.56 min Scan# 97

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

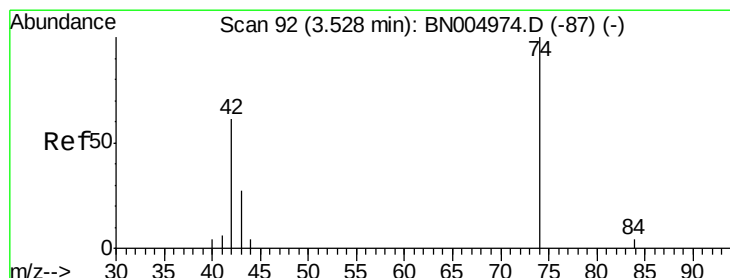
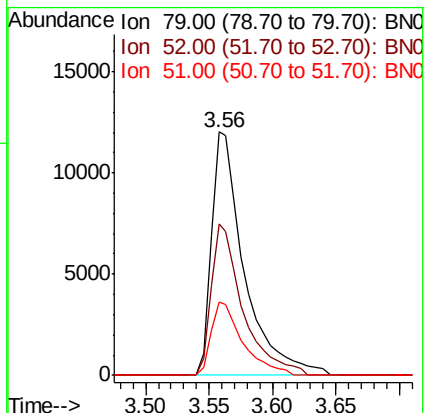
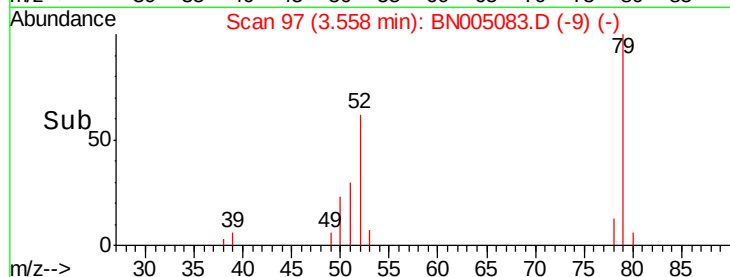
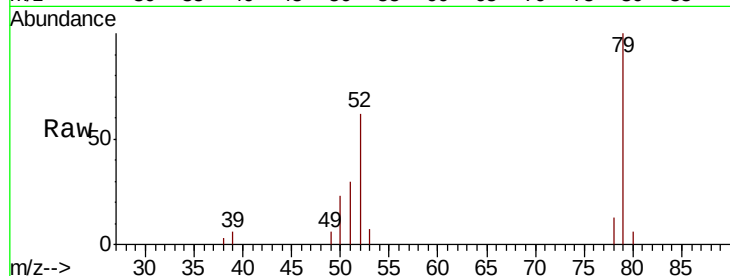
Tot Ion: 79 Resp: 21679

Ion Ratio Lower Upper

79 100

52 62.1 49.4 74.0

51 30.3 24.3 36.5



#4

n-Nitrosodimethylamine

Concen: 37.741 ng

RT: 3.49 min Scan# 86

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

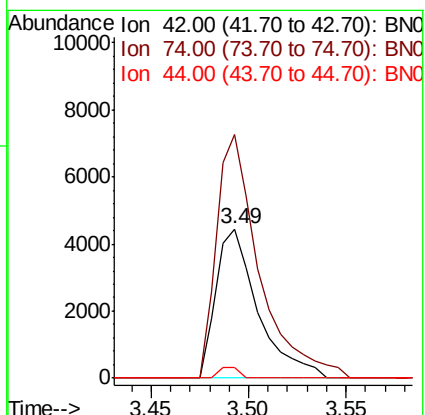
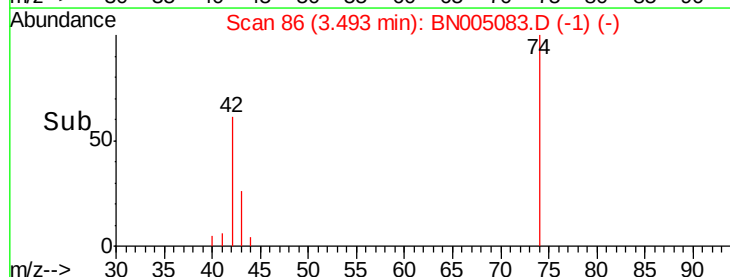
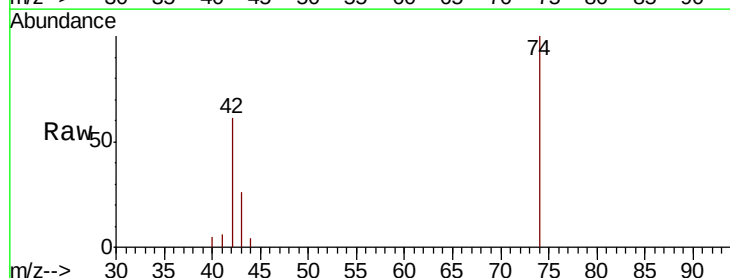
Tgt Ion: 42 Resp: 6611

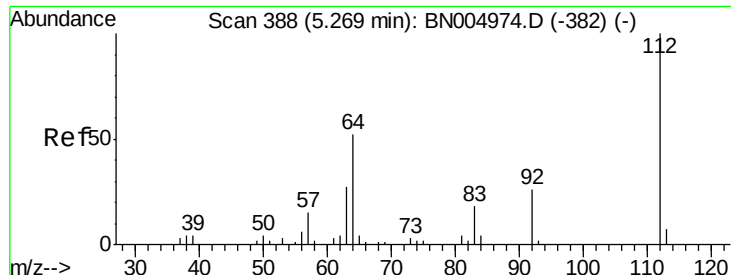
Ion Ratio Lower Upper

42 100

74 163.4 130.0 195.0

44 7.0 5.6 8.4





#5

2-Fluorophenol

Concen: 77.581 ng

RT: 5.23 min Scan# 381

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

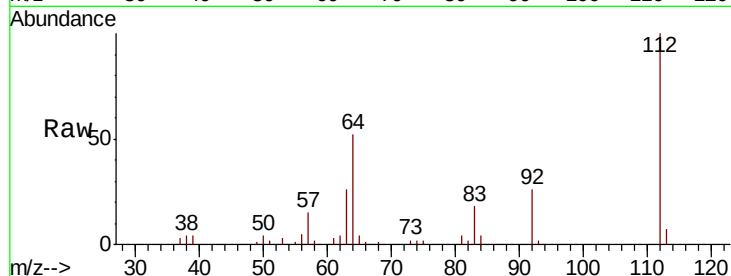
Tot Ion: 112 Resp: 40933

Ion Ratio Lower Upper

112 100

64 51.9 41.2 61.8

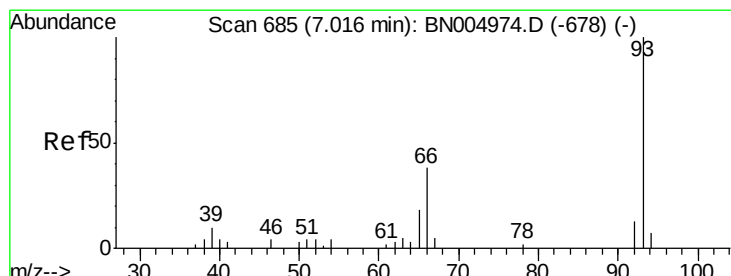
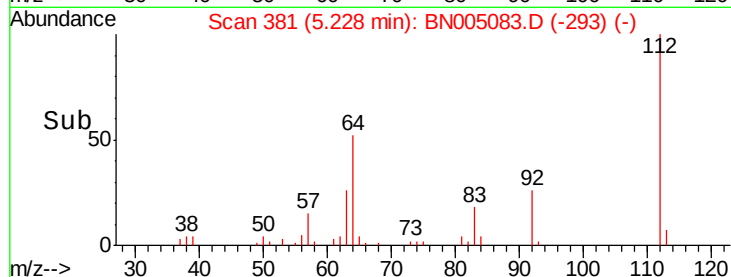
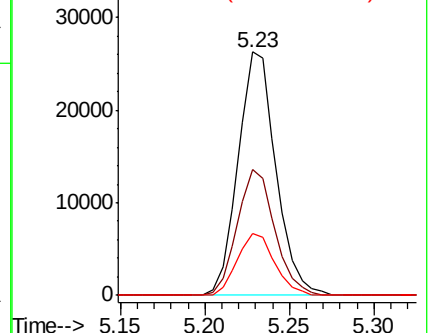
63 25.6 20.7 31.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 39.082 ng

RT: 6.98 min Scan# 679

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

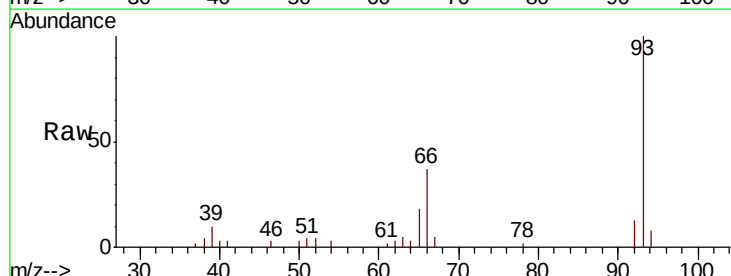
Tgt Ion: 93 Resp: 34828

Ion Ratio Lower Upper

93 100

66 37.5 30.2 45.2

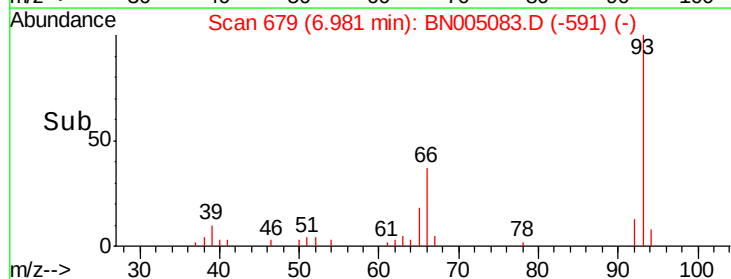
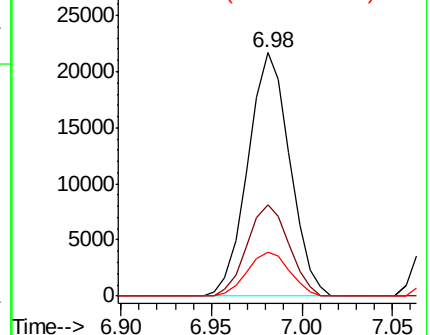
65 18.0 15.0 22.4

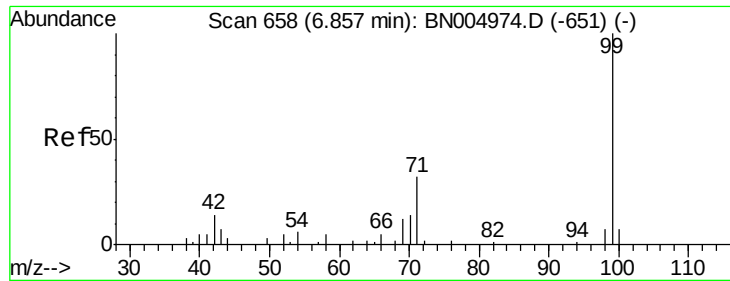


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 78.884 ng

RT: 6.82 min Scan# 652

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

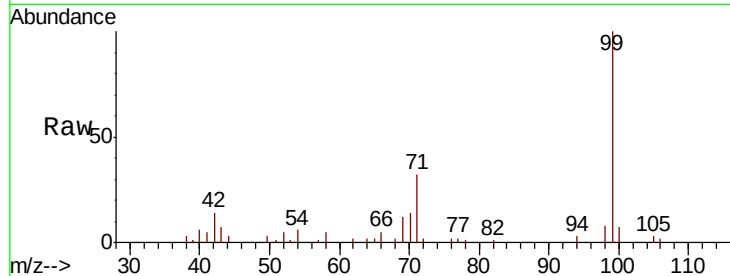
Tot Ion: 99 Resp: 55203

Ion Ratio Lower Upper

99 100

42 13.7 11.0 16.4

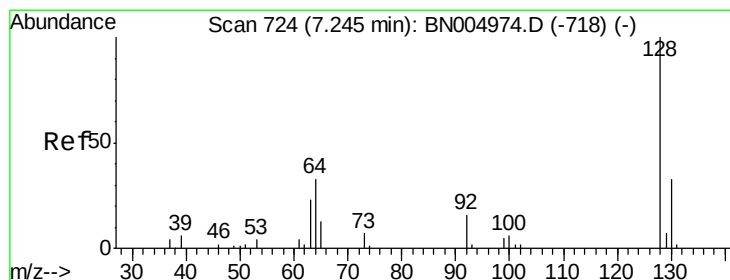
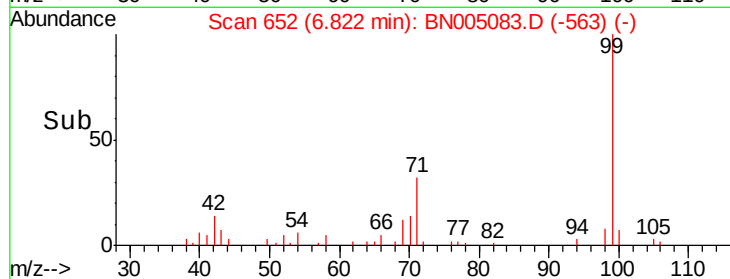
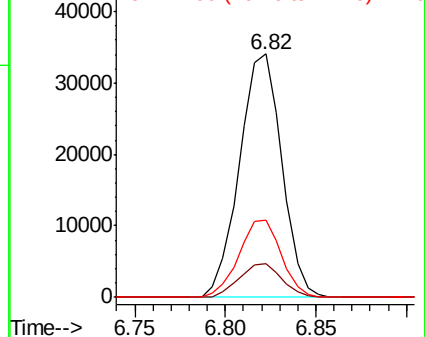
71 31.6 25.8 38.8



Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)



#8

2-Chlorophenol

Concen: 39.662 ng

RT: 7.21 min Scan# 718

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

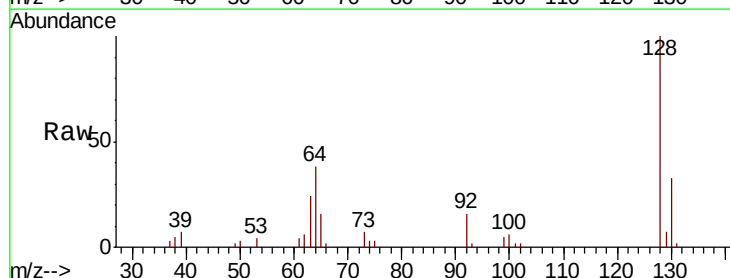
Tgt Ion: 128 Resp: 26565

Ion Ratio Lower Upper

128 100

130 32.8 12.2 52.2

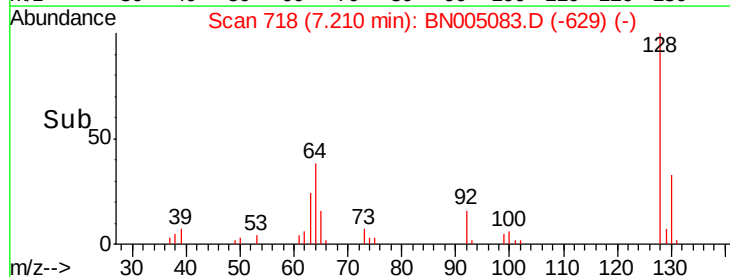
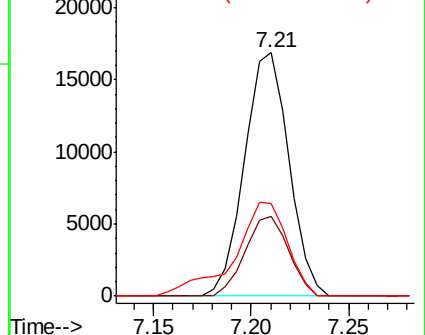
64 38.2 20.5 60.5

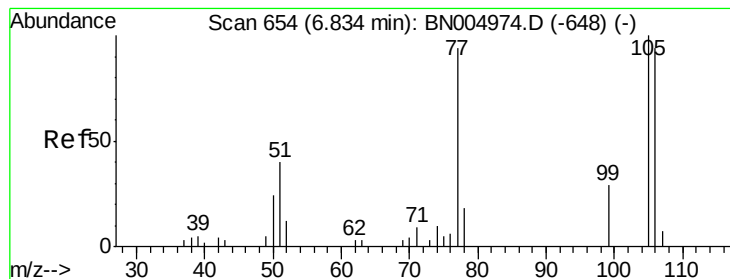


Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)





#9

Benzaldehyde

Concen: 39.865 ng

RT: 6.80 min Scan# 648

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

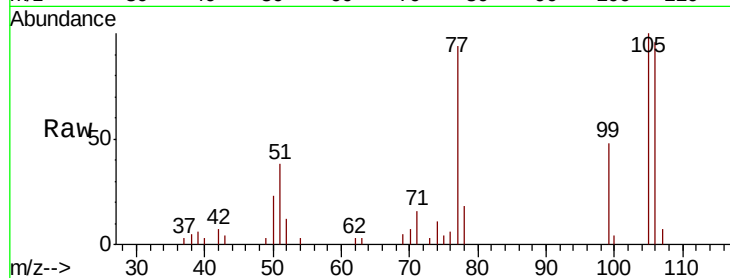
Tot Ion: 77 Resp: 16031

Ion Ratio Lower Upper

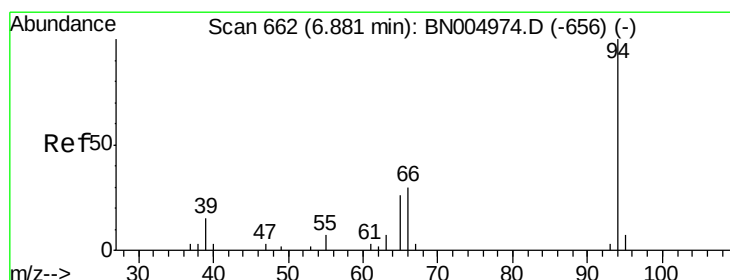
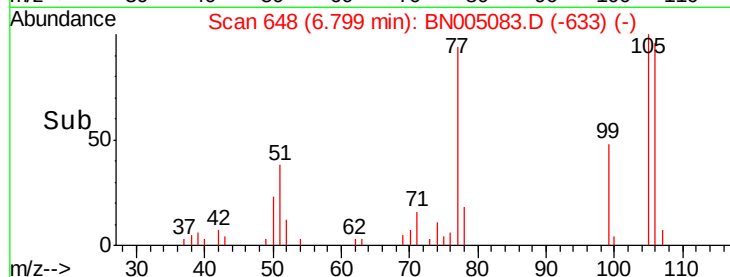
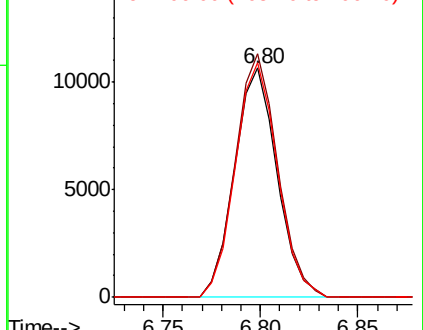
77 100

105 106.2 85.7 125.7

106 102.1 80.1 120.1



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: 39.561 ng

RT: 6.85 min Scan# 656

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

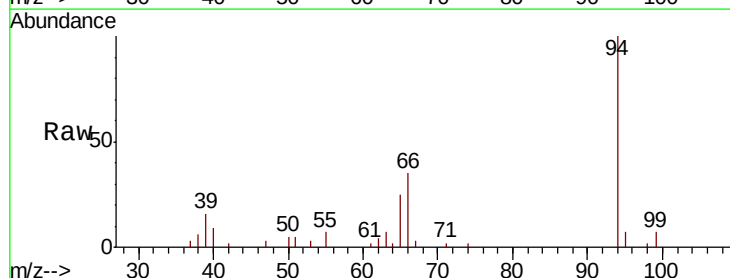
Tgt Ion: 94 Resp: 29666

Ion Ratio Lower Upper

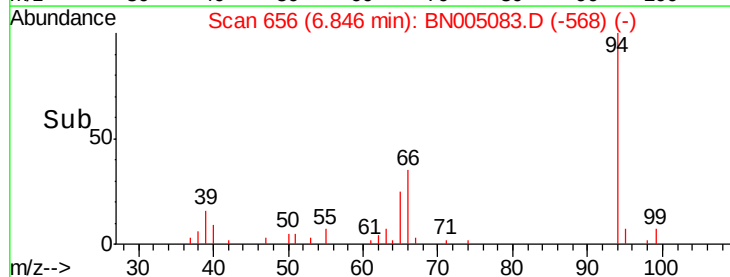
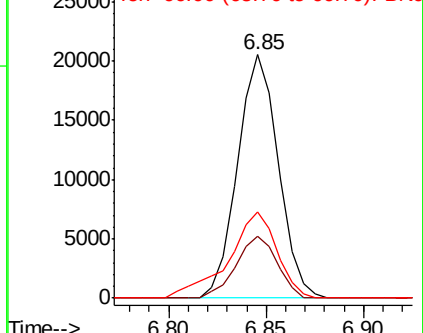
94 100

65 25.3 5.9 45.9

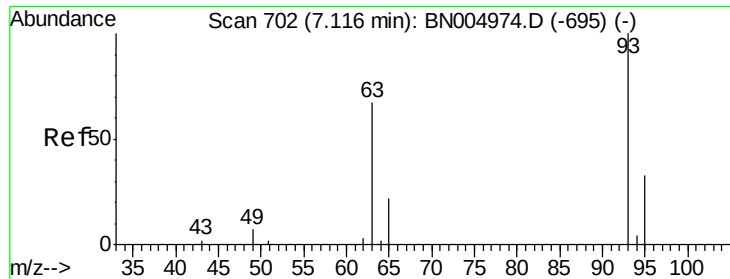
66 35.5 15.5 55.5



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



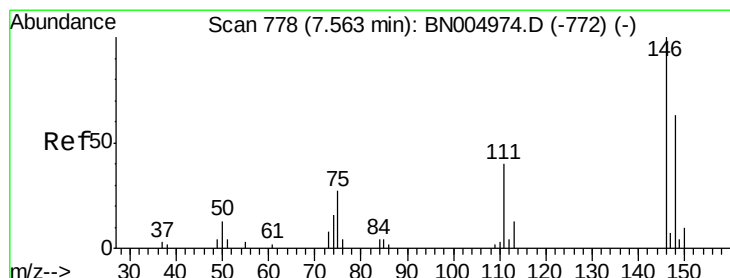
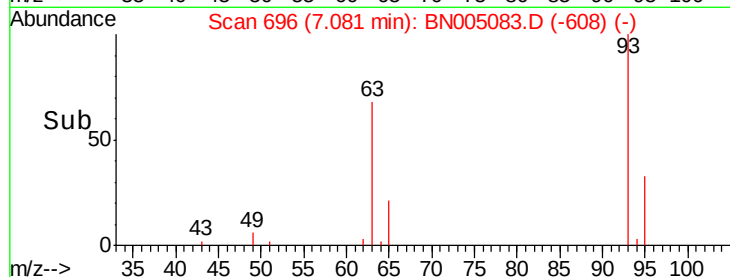
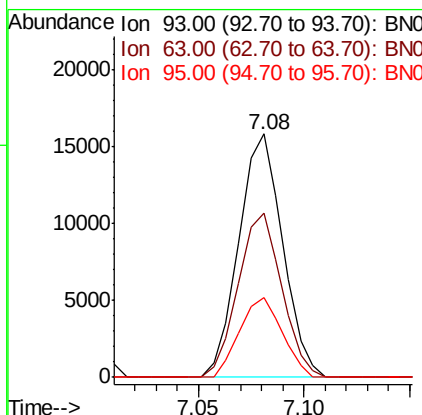
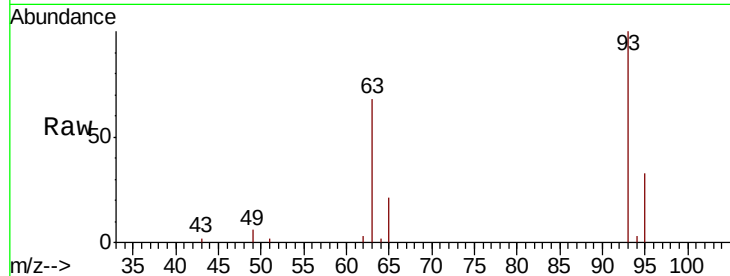




#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.331 ng  
 RT: 7.08 min Scan# 696  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

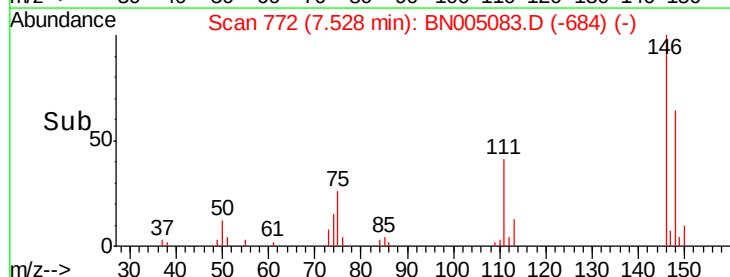
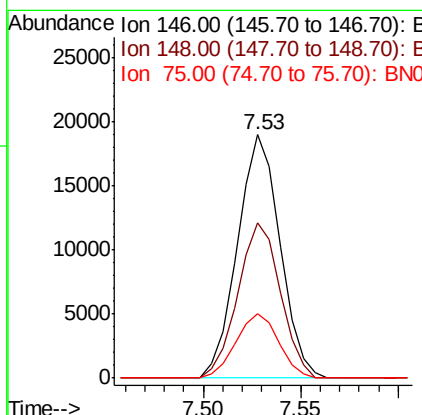
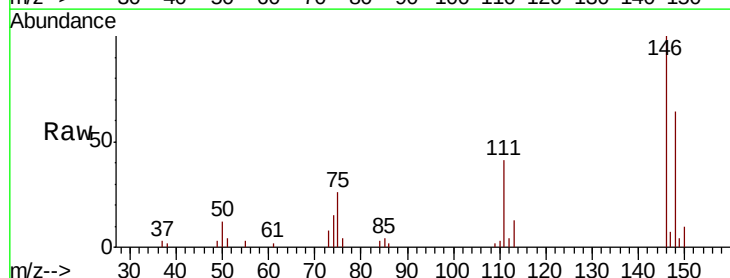
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

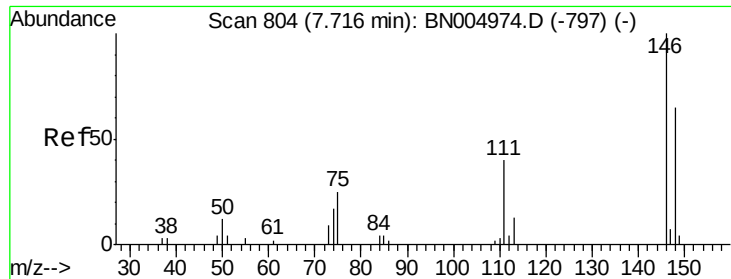
Tot Ion: 93 Resp: 22807  
 Ion Ratio Lower Upper  
 93 100  
 63 67.6 46.6 86.6  
 95 32.5 12.6 52.6



#12  
 1,3-Dichlorobenzene  
 Concen: 39.234 ng  
 RT: 7.53 min Scan# 772  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion: 146 Resp: 28631  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 49.9 74.9  
 75 26.3 20.6 31.0

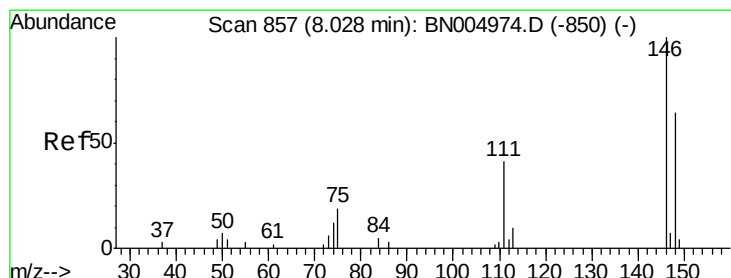
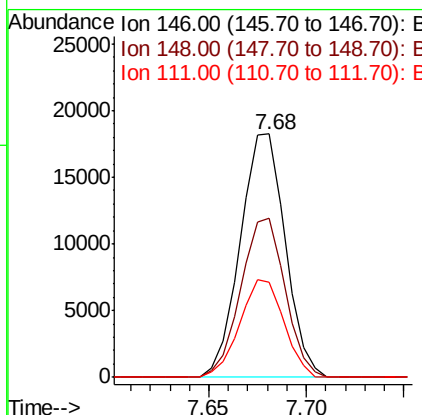
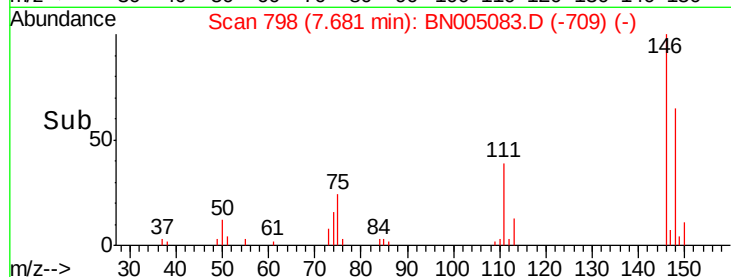
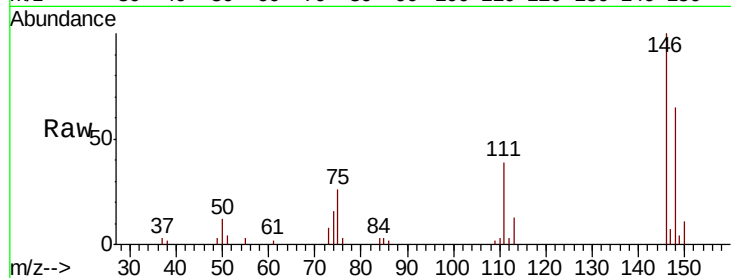




#13  
 1,4-Dichlorobenzene  
 Concen: 39.488 ng  
 RT: 7.68 min Scan# 798  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

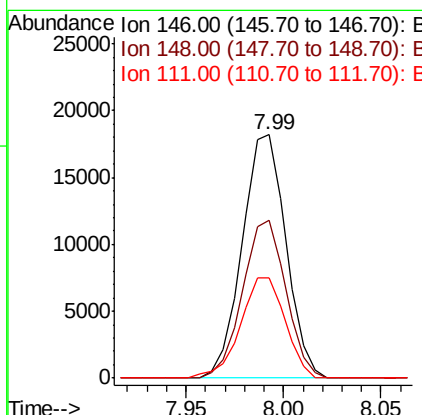
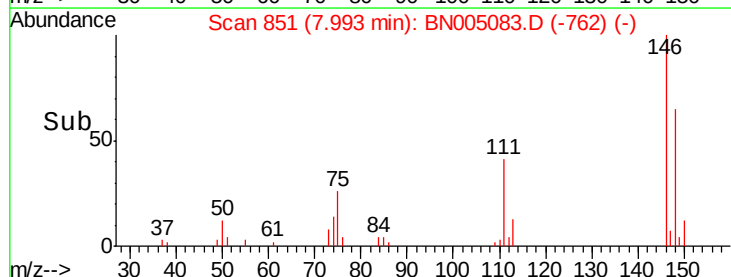
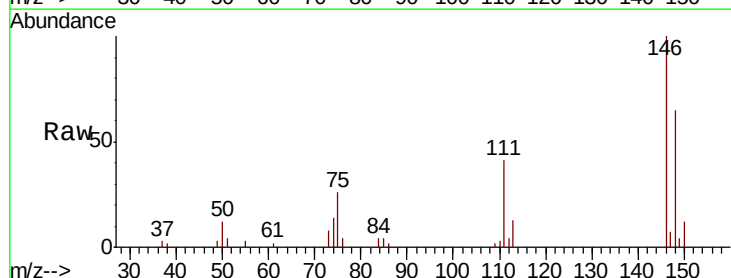
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

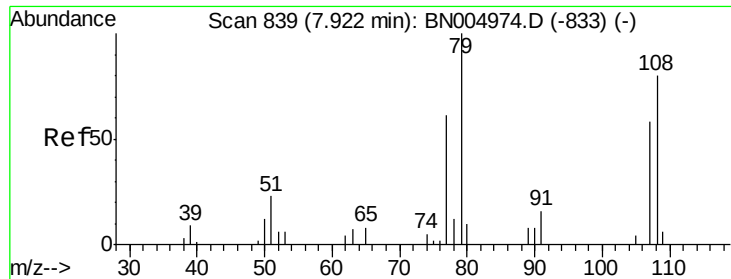
Tot Ion:146 Resp: 29168  
 Ion Ratio Lower Upper  
 146 100  
 148 65.3 51.2 76.8  
 111 39.0 31.4 47.0



#14  
 1,2-Dichlorobenzene  
 Concen: 39.991 ng  
 RT: 7.99 min Scan# 851  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:146 Resp: 28270  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 51.5 77.3  
 111 41.2 33.5 50.3





#15

Benzyl Alcohol

Concen: 39.289 ng

RT: 7.89 min Scan# 833

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

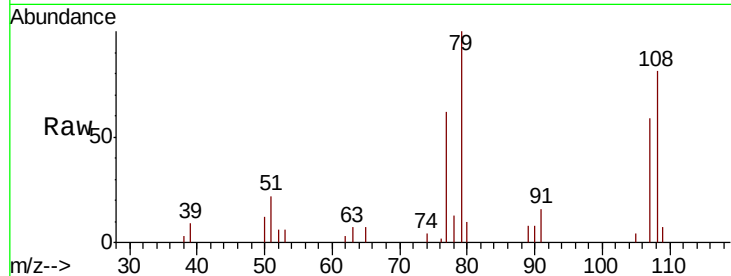
Tot Ion: 79 Resp: 20918

Ion Ratio Lower Upper

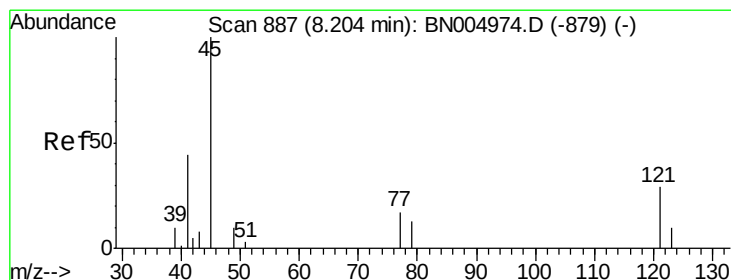
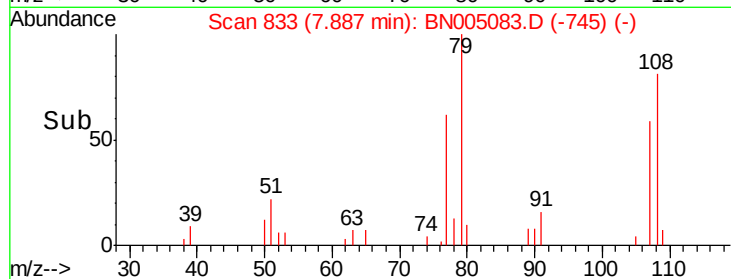
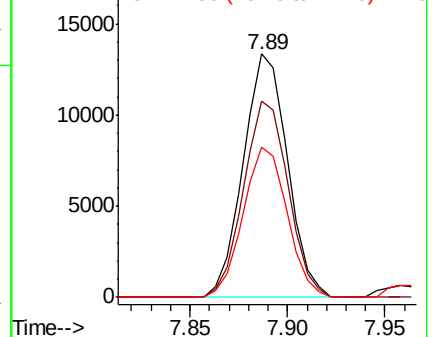
79 100

108 80.6 64.7 97.1

77 61.7 49.4 74.0



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.673 ng

RT: 8.16 min Scan# 880

Delta R.T. -0.02 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

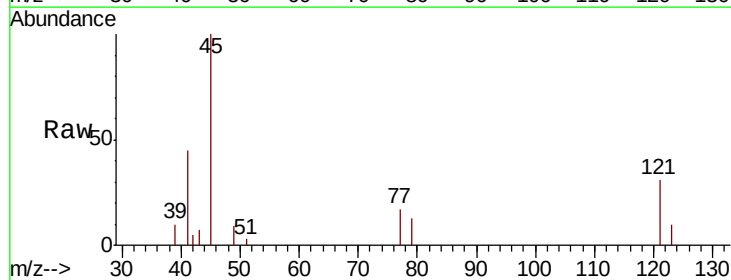
Tgt Ion: 45 Resp: 26357

Ion Ratio Lower Upper

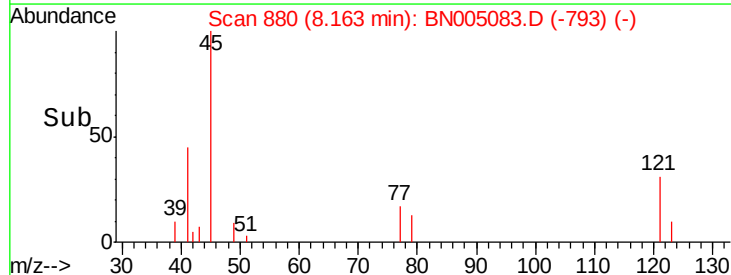
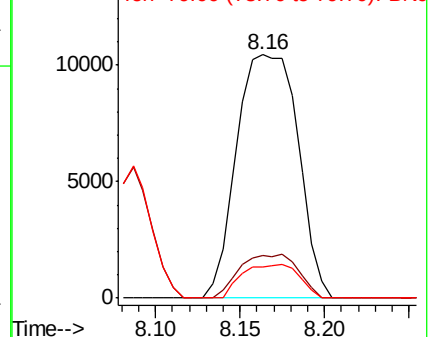
45 100

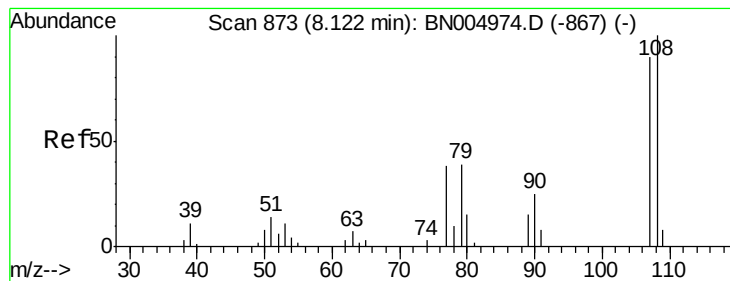
77 17.3 0.0 37.0

79 13.0 0.0 33.9



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





#17

2-Methylphenol

Concen: 40.493 ng

RT: 8.09 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 21168

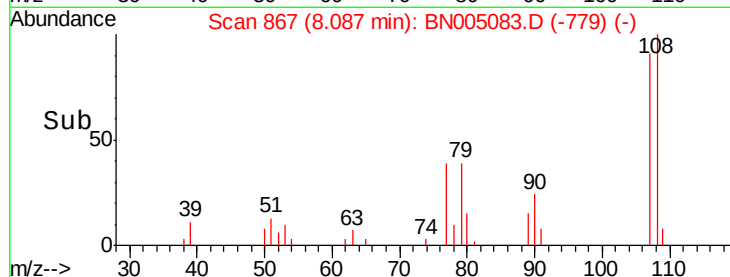
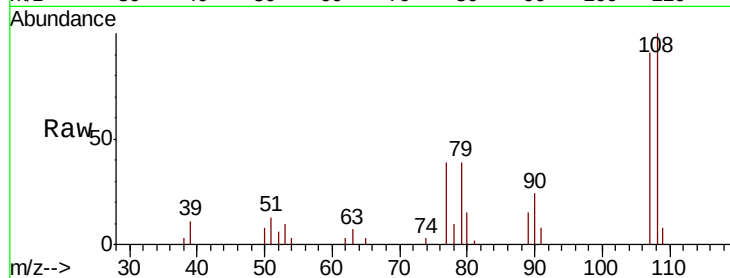
Ion Ratio Lower Upper

107 100

108 109.6 86.7 130.1

77 42.3 32.9 49.3

79 42.4 33.1 49.7

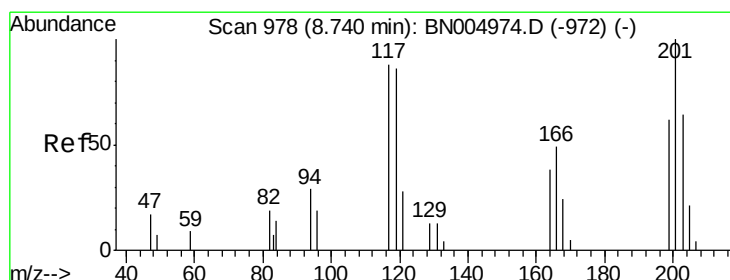
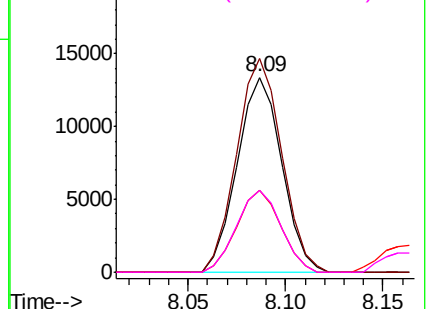


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.745 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

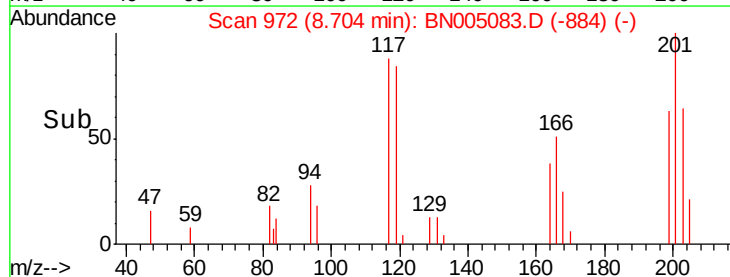
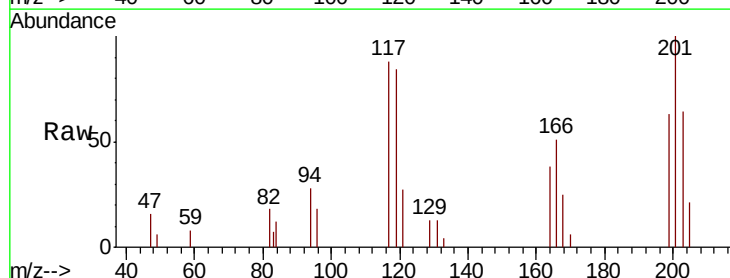
Tgt Ion:117 Resp: 10144

Ion Ratio Lower Upper

117 100

119 95.7 75.7 113.5

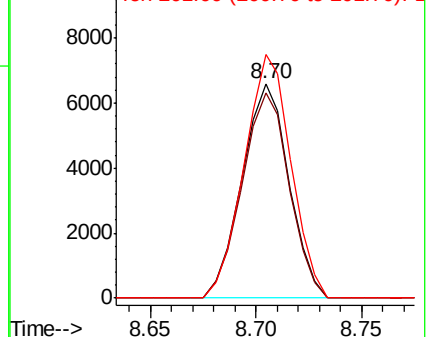
201 113.3 89.8 134.8

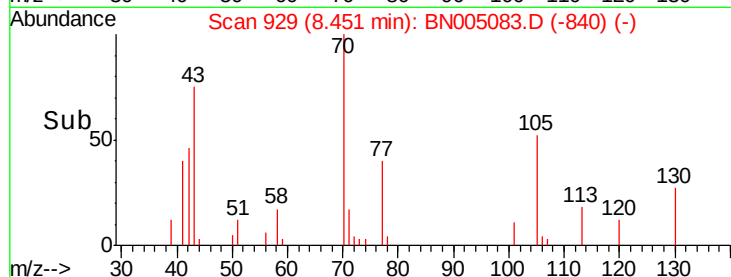
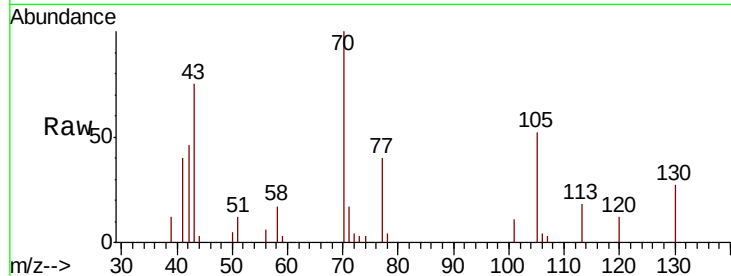
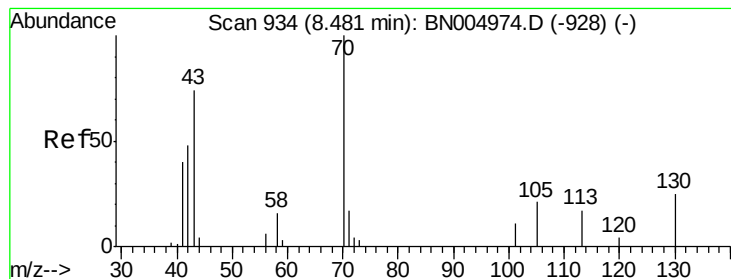


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.119 ng

RT: 8.45 min Scan# 929

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 18405

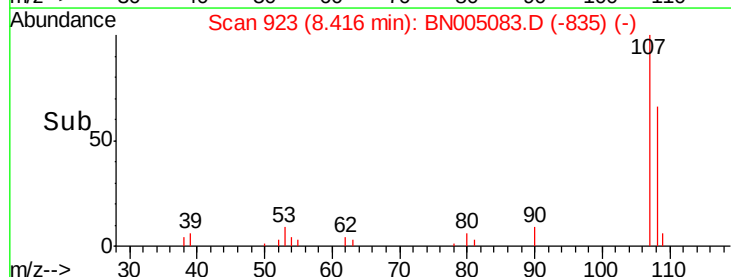
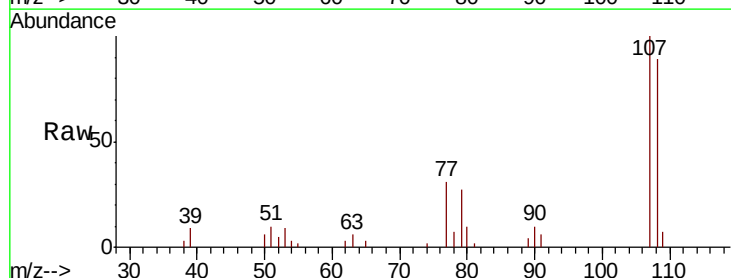
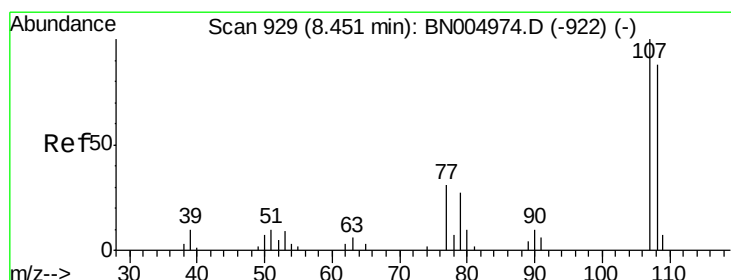
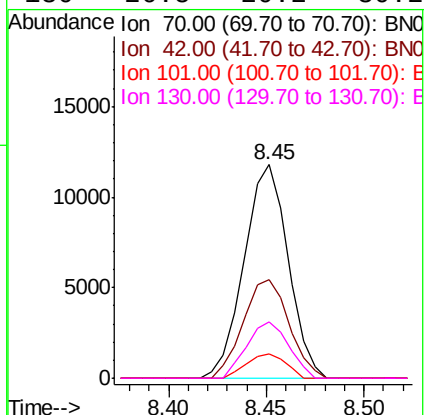
Ion Ratio Lower Upper

70 100

42 46.4 36.7 55.1

101 11.3 8.7 13.1

130 26.5 20.2 30.2



#20

3+4-Methylphenols

Concen: 40.534 ng

RT: 8.42 min Scan# 923

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Tgt Ion:107 Resp: 28771

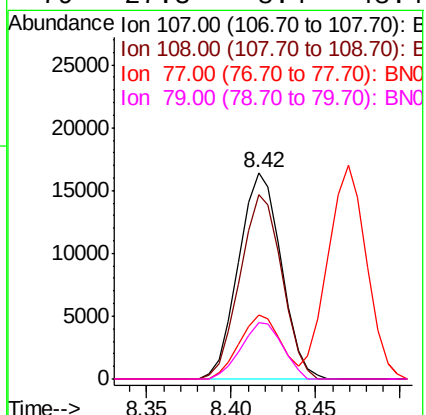
Ion Ratio Lower Upper

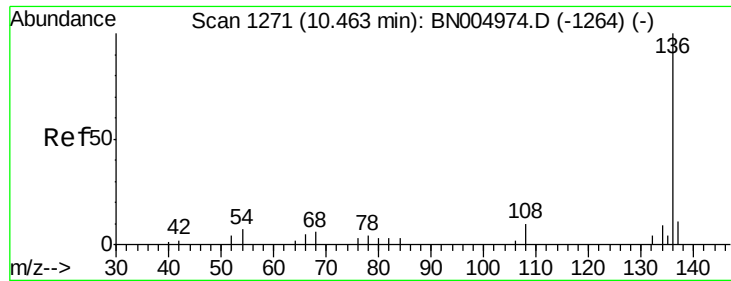
107 100

108 89.2 70.2 110.2

77 30.8 10.6 50.6

79 27.3 8.4 48.4

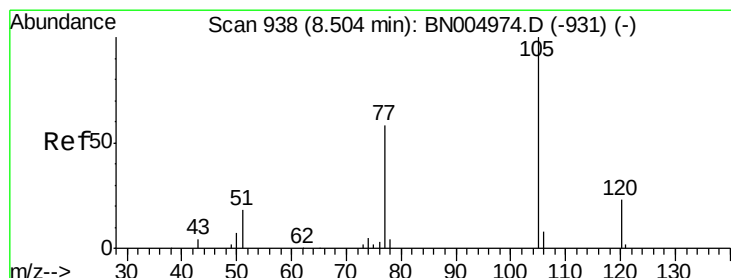
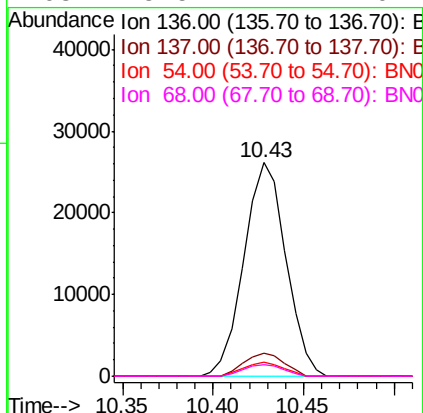
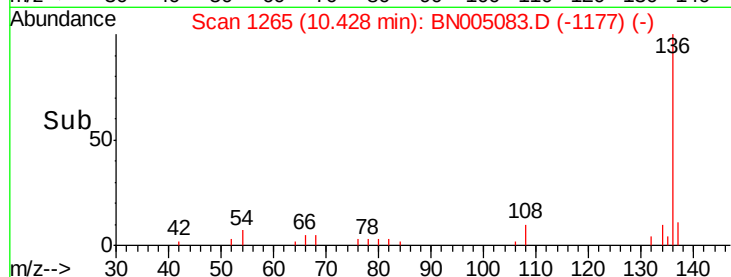
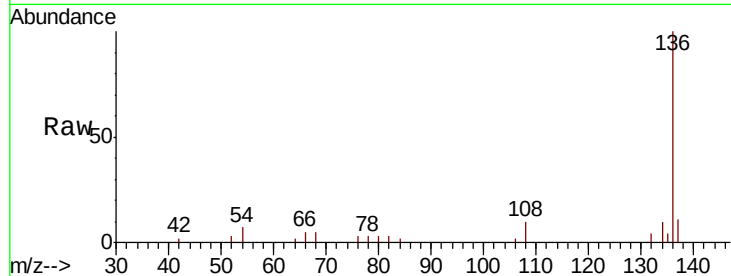




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.43 min Scan# 1265  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

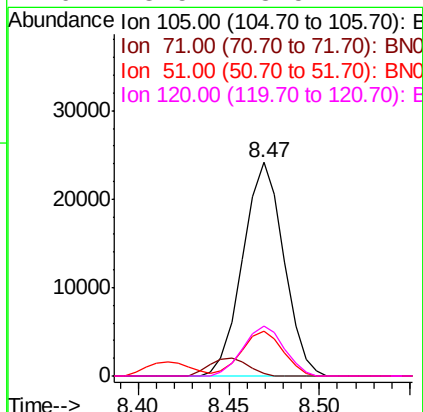
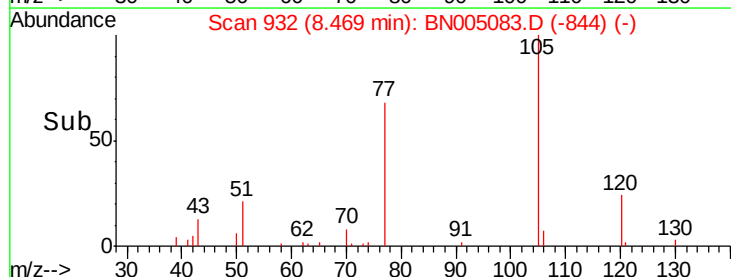
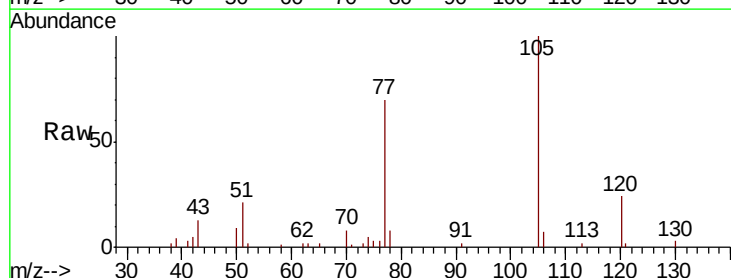
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

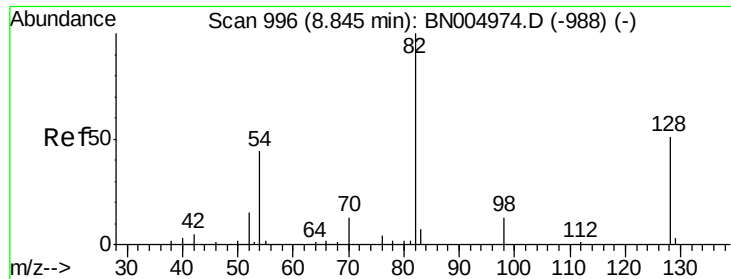
|             |       |       |
|-------------|-------|-------|
| Tot Ion:136 | Resp: | 42175 |
| Ion Ratio   | Lower | Upper |
| 136 100     |       |       |
| 137 10.8    | 8.6   | 12.8  |
| 54 6.6      | 5.0   | 7.4   |
| 68 5.5      | 4.2   | 6.4   |



#22  
Acetophenone  
Concen: 39.472 ng  
RT: 8.47 min Scan# 932  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

|     |         |       |       |
|-----|---------|-------|-------|
| Tgt | Ion:105 | Resp: | 38002 |
| Ion | Ratio   | Lower | Upper |
| 105 | 100     |       |       |
| 71  | 1.4     | 0.0   | 0.0#  |
| 51  | 20.8    | 16.6  | 25.0  |
| 120 | 23.5    | 18.5  | 27.7  |

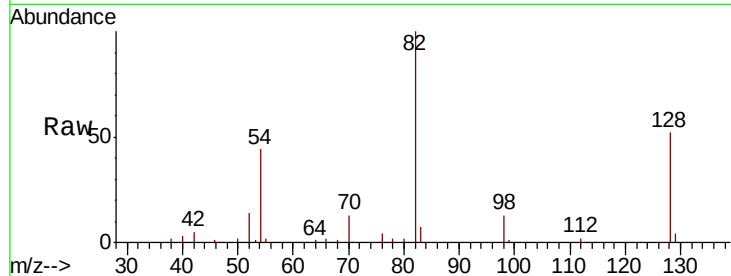




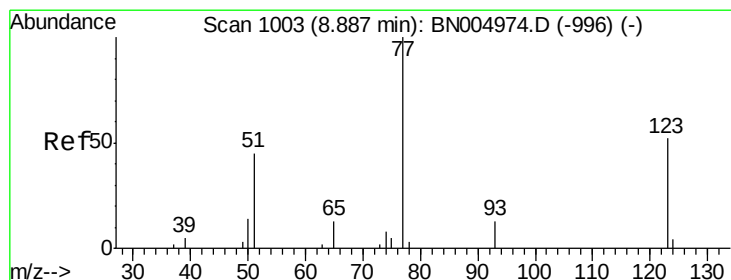
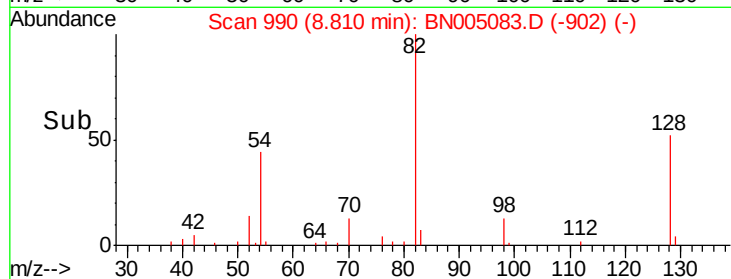
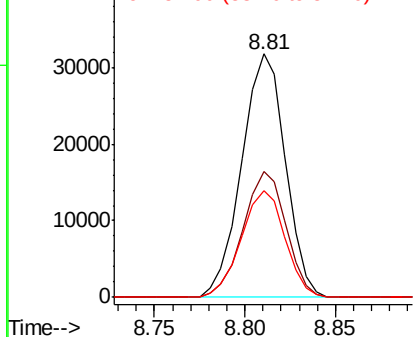
#23  
Nitrobenzene-d5  
Concen: 76.223 ng  
RT: 8.81 min Scan# 990  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

| Tot Ion   | 82   | Resp  | 53143 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 128       | 51.5 | 40.6  | 60.8  |
| 54        | 43.5 | 34.4  | 51.6  |

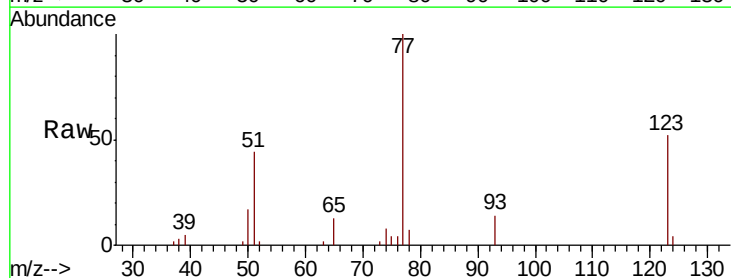


Abundance Ion 82.00 (81.70 to 82.70): BN0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BN0

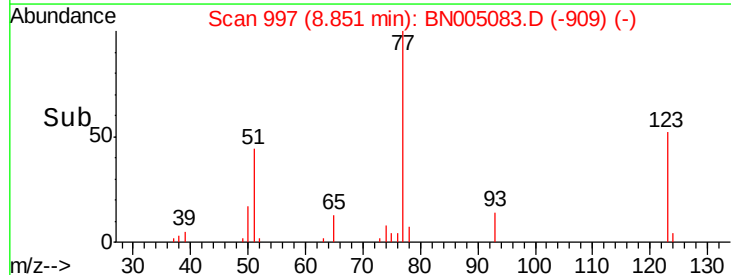
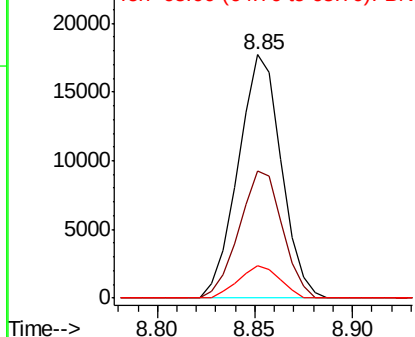


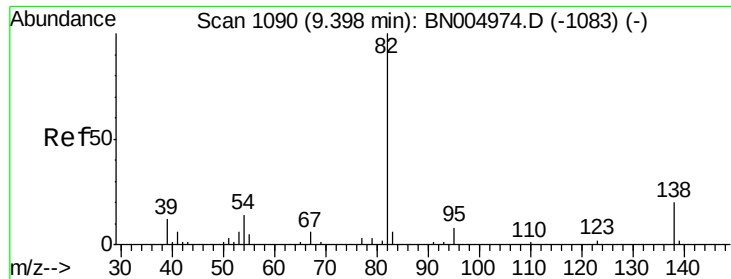
#24  
Nitrobenzene  
Concen: 38.349 ng  
RT: 8.85 min Scan# 997  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

| Tgt Ion   | 77   | Resp  | 27059 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 123       | 52.0 | 42.3  | 63.5  |
| 65        | 13.2 | 10.2  | 15.4  |



Abundance Ion 77.00 (76.70 to 77.70): BN0  
Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BN0

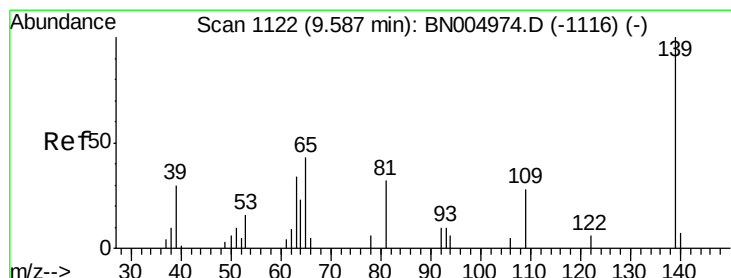
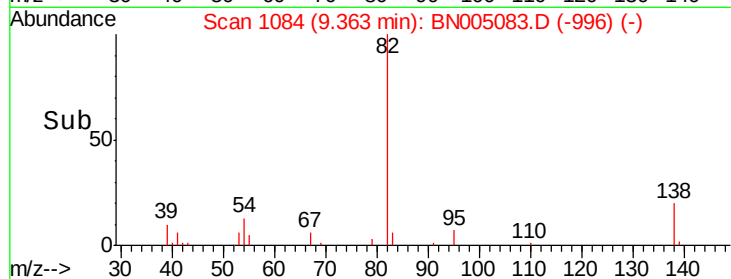
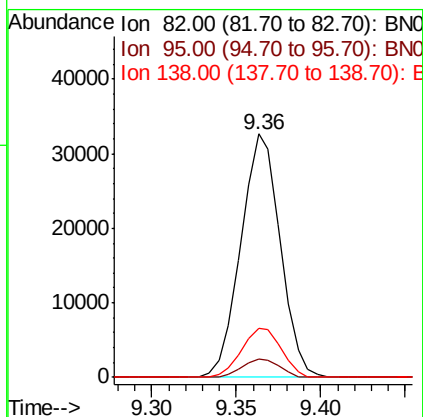
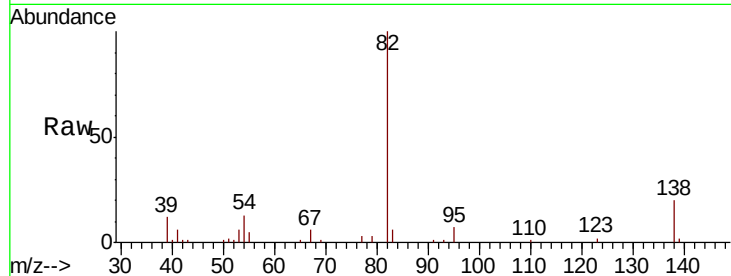




#25  
Isophorone  
Concen: 38.993 ng  
RT: 9.36 min Scan# 1084  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

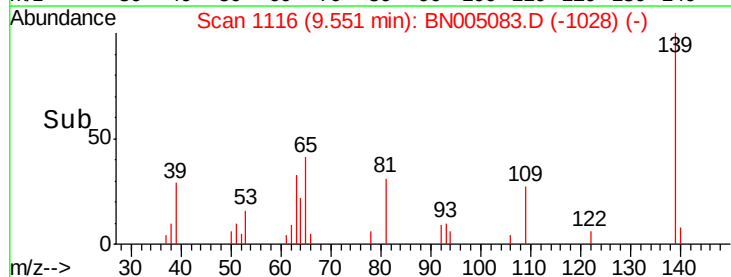
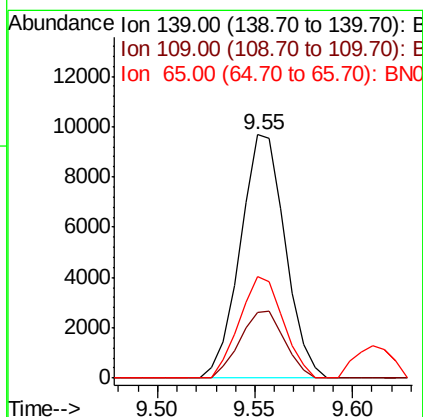
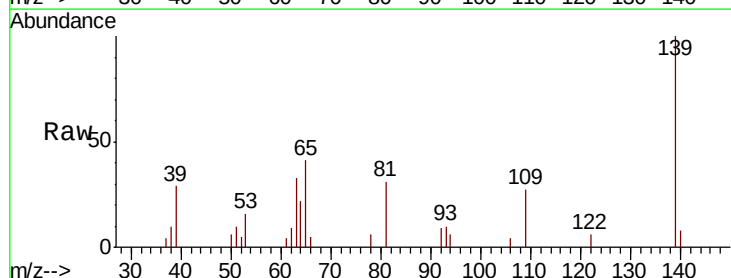
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 52962  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.1 9.1  
138 20.2 16.6 24.8

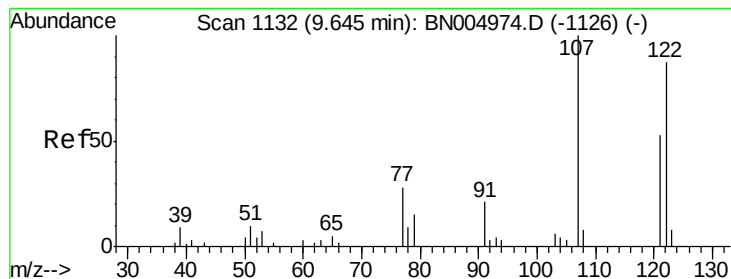


#26  
2-Nitrophenol  
Concen: 37.616 ng  
RT: 9.55 min Scan# 1116  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Tgt Ion: 139 Resp: 15411  
Ion Ratio Lower Upper  
139 100  
109 26.9 22.7 34.1  
65 41.5 34.2 51.2







#27

2,4-Dimethylphenol

Concen: 39.206 ng

RT: 9.61 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

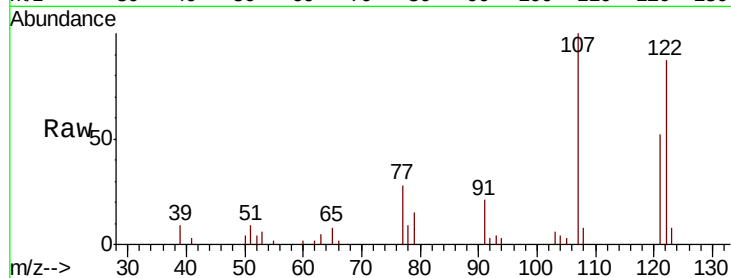
Tot Ion:122 Resp: 22363

Ion Ratio Lower Upper

122 100

107 115.1 92.3 138.5

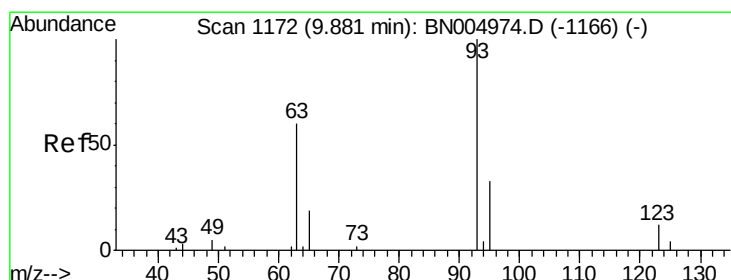
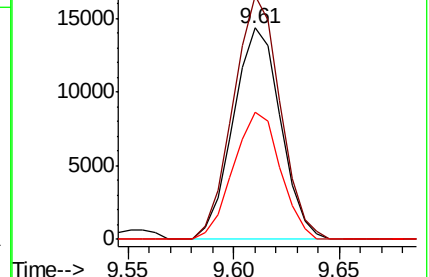
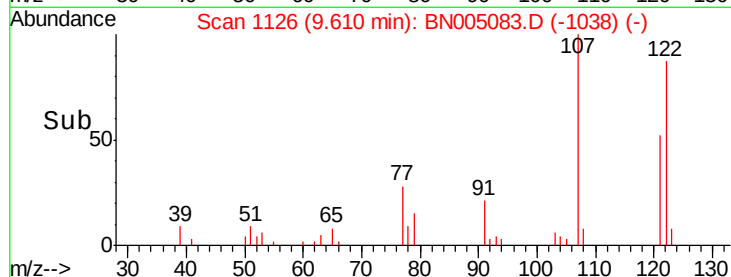
121 60.1 48.8 73.2



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: 39.338 ng

RT: 9.85 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

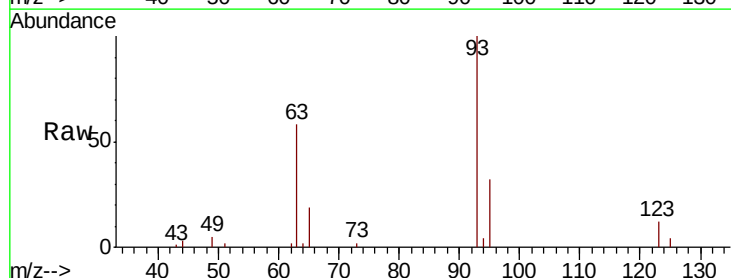
Tgt Ion: 93 Resp: 33105

Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

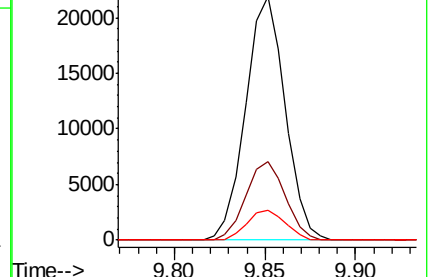
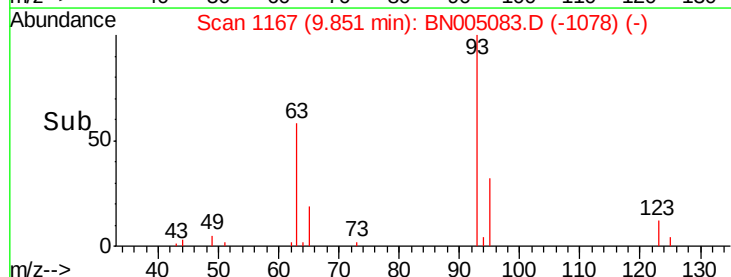
123 12.3 9.8 14.8

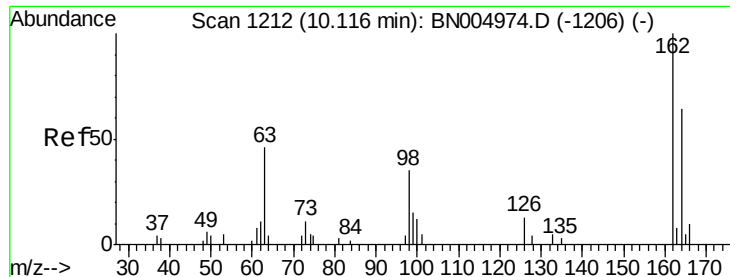


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E

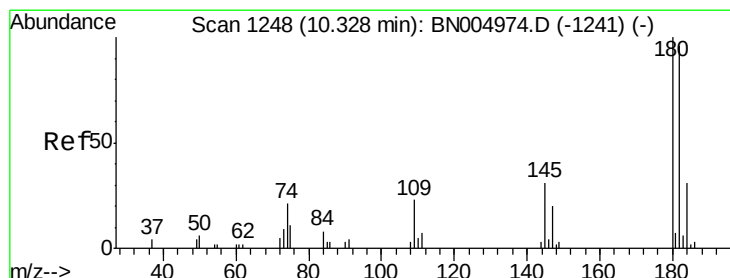
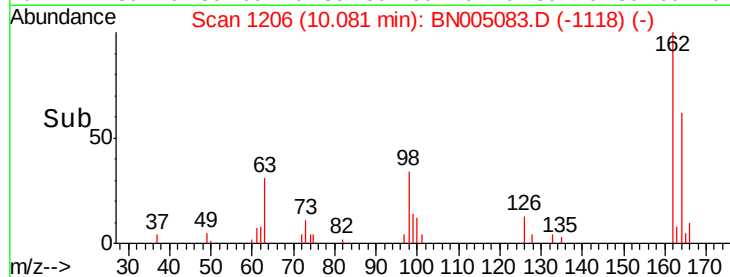
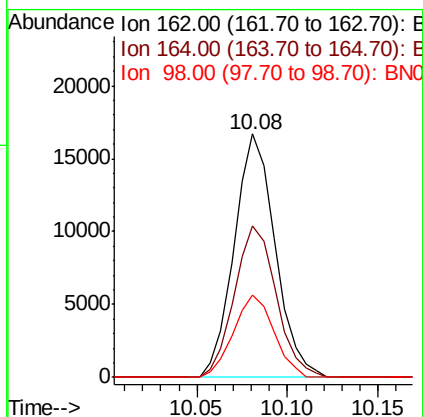
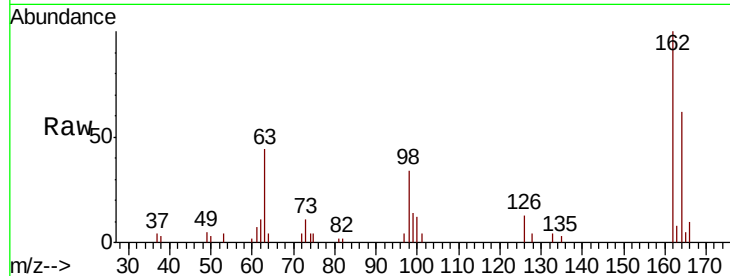




#29  
 2,4-Dichlorophenol  
 Concen: 39.936 ng  
 RT: 10.08 min Scan# 1206  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

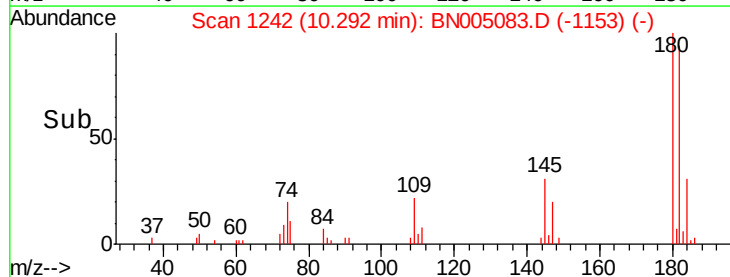
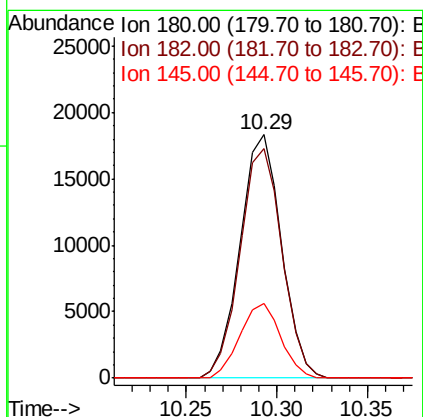
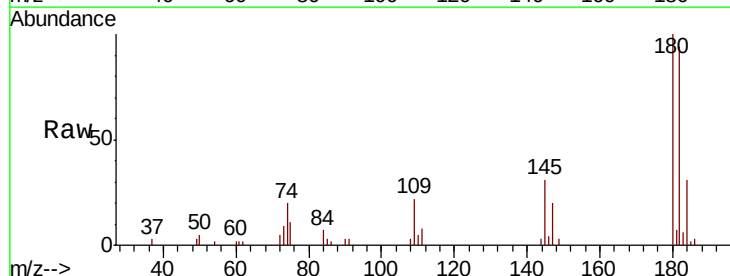
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTCCCC040

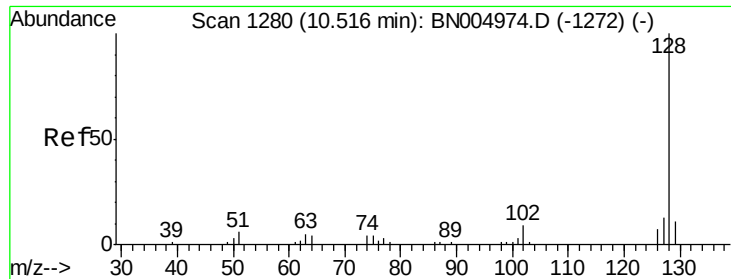
Tot Ion:162 Resp: 26181  
 Ion Ratio Lower Upper  
 162 100  
 164 62.2 46.1 86.1  
 98 33.8 14.9 54.9



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.295 ng  
 RT: 10.29 min Scan# 1242  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:180 Resp: 29099  
 Ion Ratio Lower Upper  
 180 100  
 182 94.0 76.8 115.2  
 145 30.6 24.7 37.1

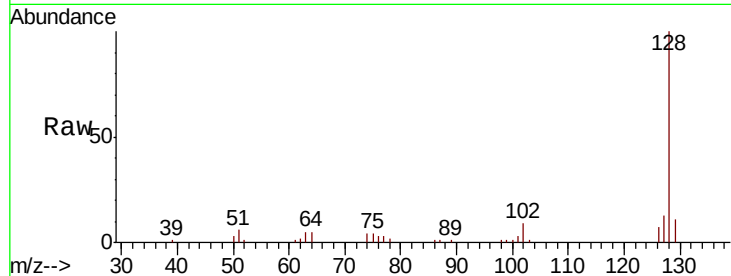




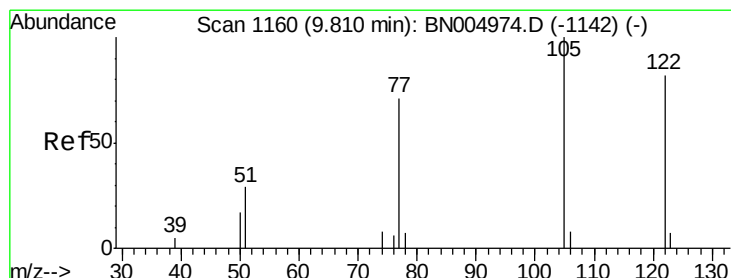
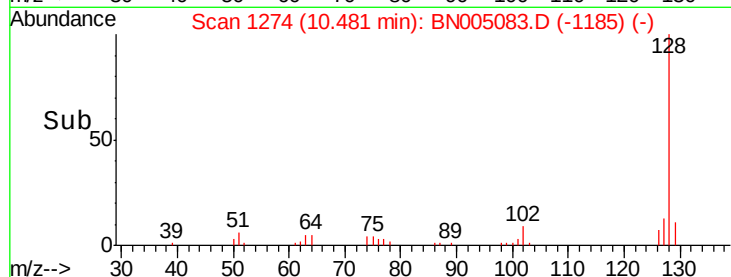
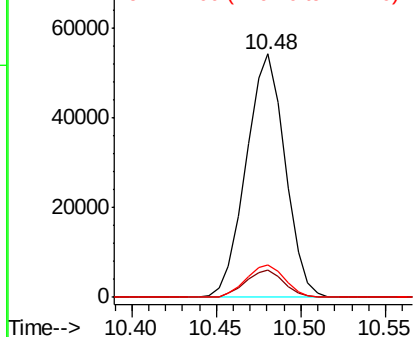
#31  
Naphthalene  
Concen: 39.572 ng  
RT: 10.48 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:128 Resp: 87076  
Ion Ratio Lower Upper  
128 100  
129 11.1 9.0 13.4  
127 13.5 10.7 16.1

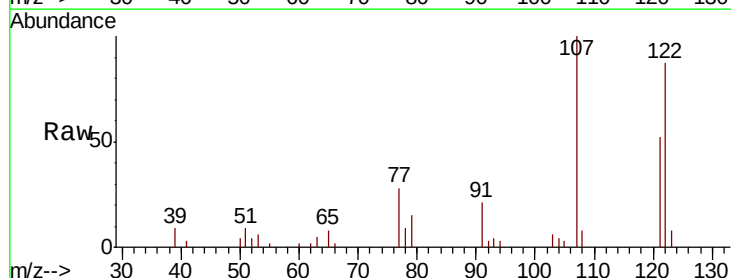


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

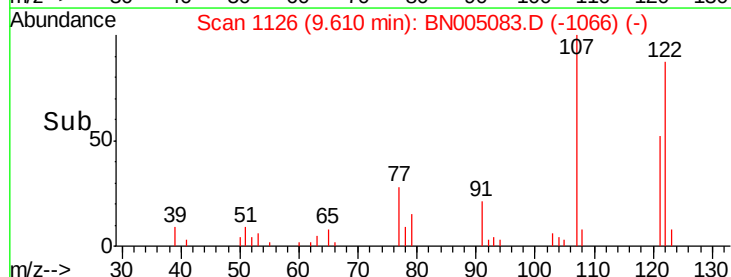
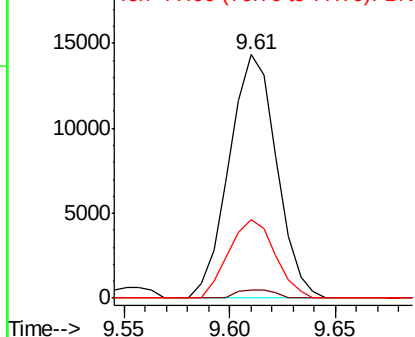


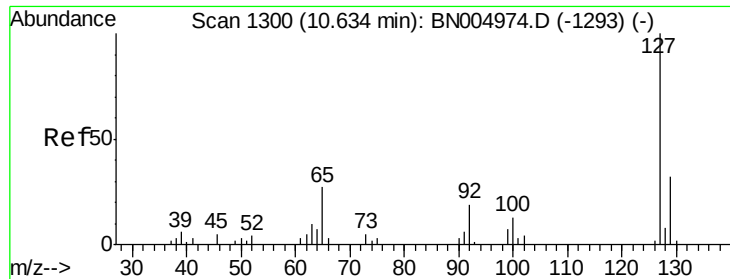
#32  
Benzoic acid  
Concen: 48.517 ng  
RT: 9.61 min Scan# 1126  
Delta R.T. -0.18 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Tgt Ion:122 Resp: 22363  
Ion Ratio Lower Upper  
122 100  
105 3.6 102.3 142.3#  
77 32.3 66.5 106.5#



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

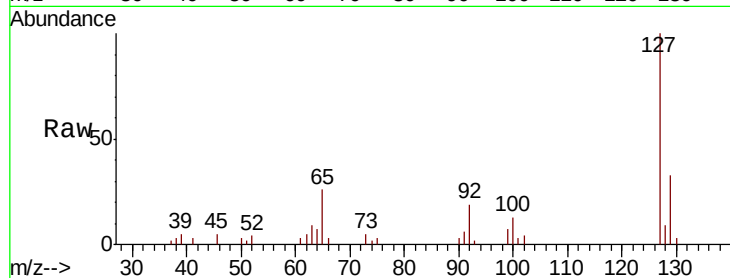




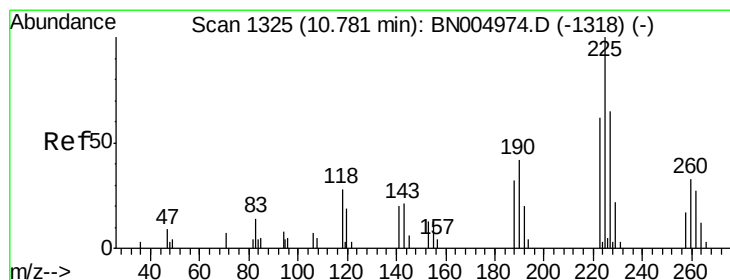
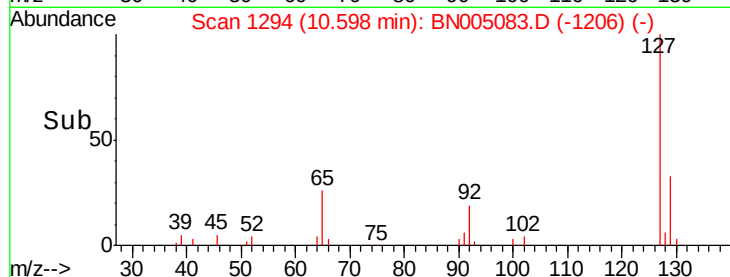
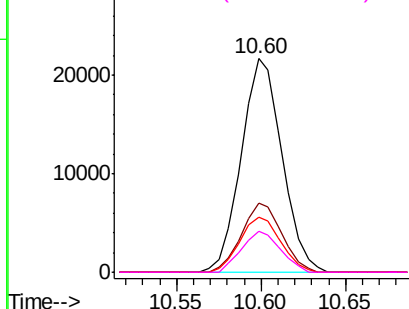
#33  
4-Chloroaniline  
Concen: 40.608 ng  
RT: 10.60 min Scan# 1294  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 36355 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.5  | 26.4  | 39.6  |
| 65       | 26.0  | 20.7  | 31.1  |
| 92       | 19.4  | 15.0  | 22.4  |

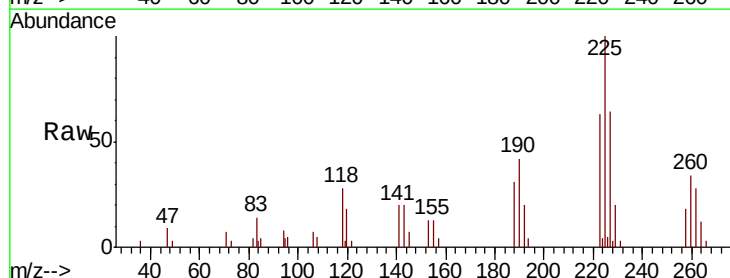


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BNC  
Ion 92.00 (91.70 to 92.70): BNC

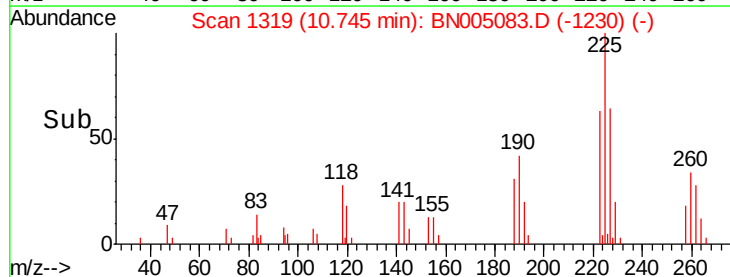
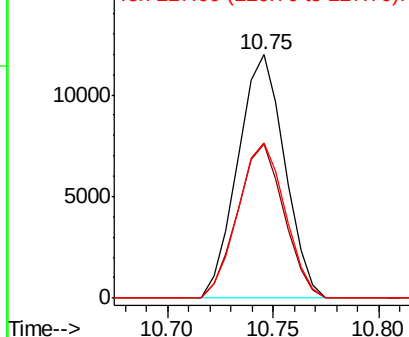


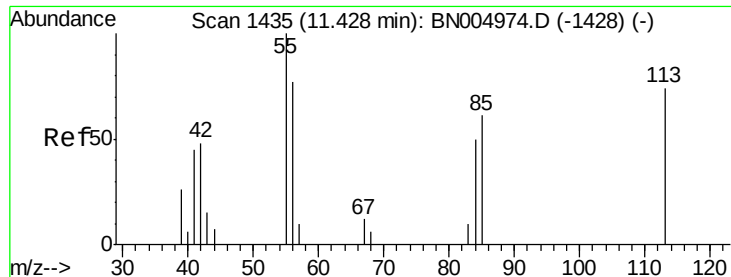
#34  
Hexachlorobutadiene  
Concen: 39.446 ng  
RT: 10.75 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 18432 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.0  | 49.1  | 73.7  |
| 227      | 64.0  | 50.8  | 76.2  |



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

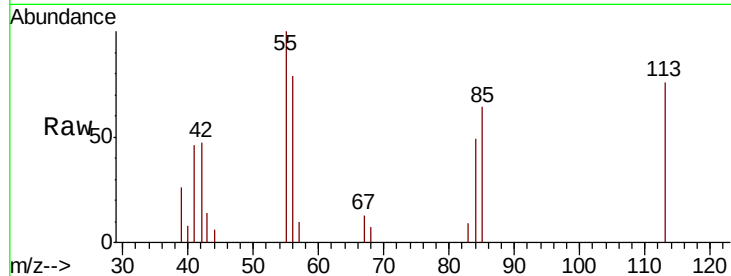




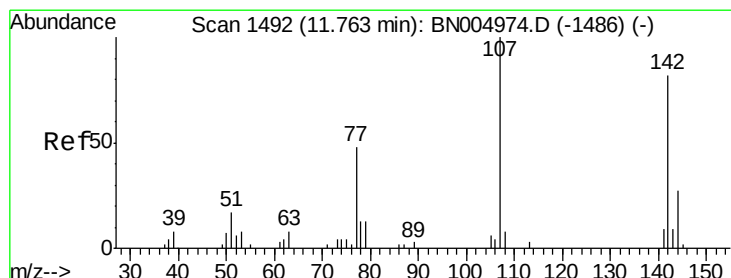
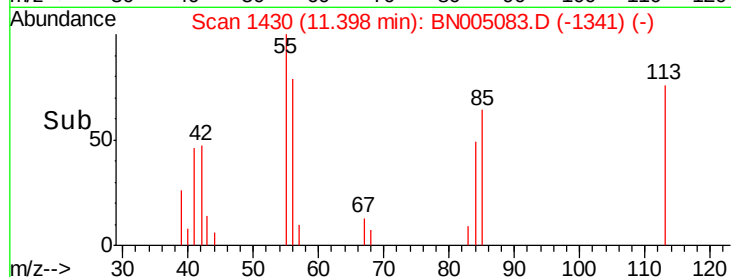
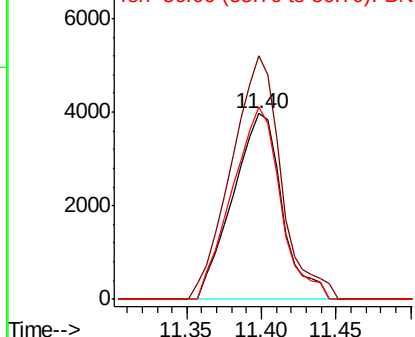
#35  
 Caprolactam  
 Concen: 42.411 ng  
 RT: 11.40 min Scan# 1430  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:113 Resp: 9104  
 Ion Ratio Lower Upper  
 113 100  
 55 131.1 106.1 146.1  
 56 103.3 74.8 114.8

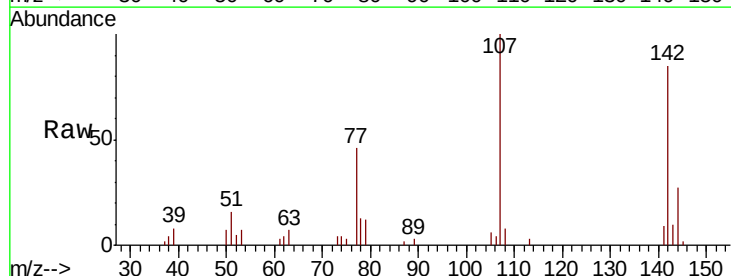


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BNO  
 Ion 56.00 (55.70 to 56.70): BNO

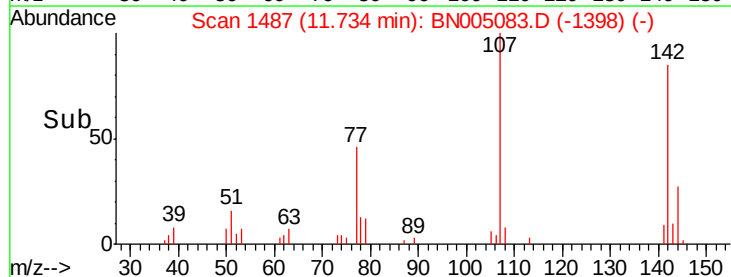
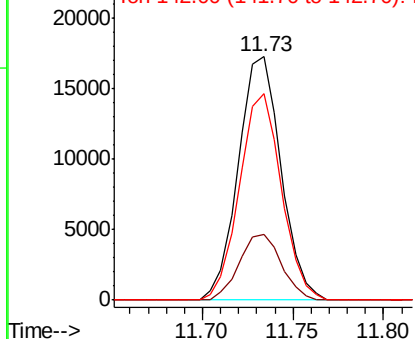


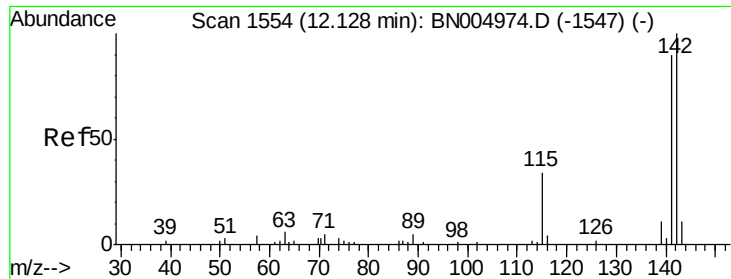
#36  
 4-Chloro-3-methylphenol  
 Concen: 40.004 ng  
 RT: 11.73 min Scan# 1487  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:107 Resp: 28331  
 Ion Ratio Lower Upper  
 107 100  
 144 27.0 21.2 31.8  
 142 84.7 66.3 99.5



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

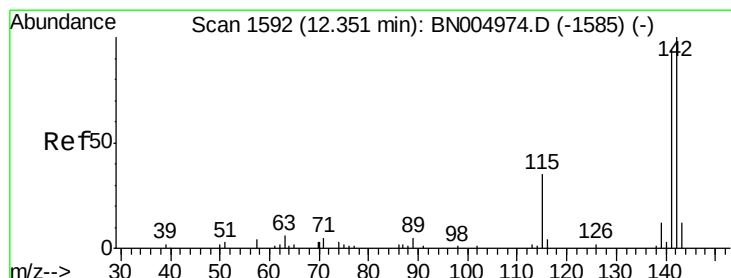
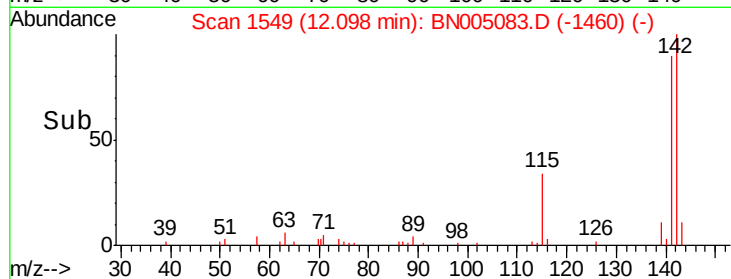
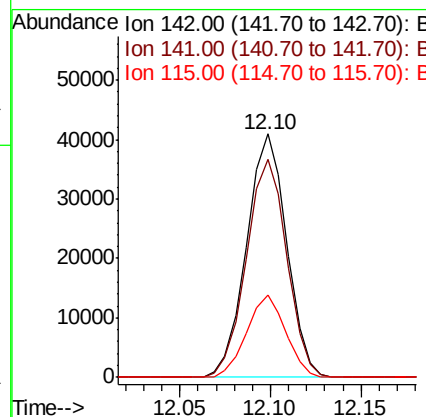
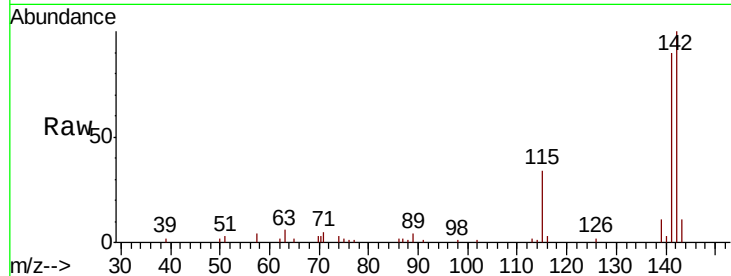




#37  
 2-Methylnaphthalene  
 Concen: 40.479 ng  
 RT: 12.10 min Scan# 1549  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

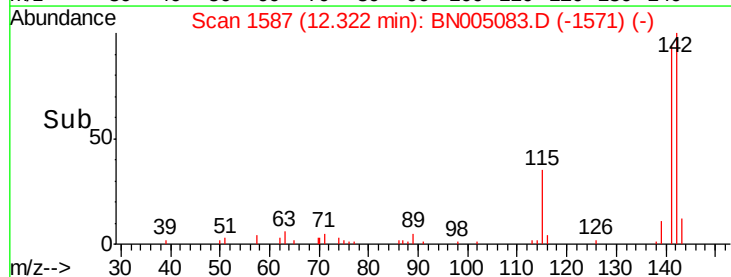
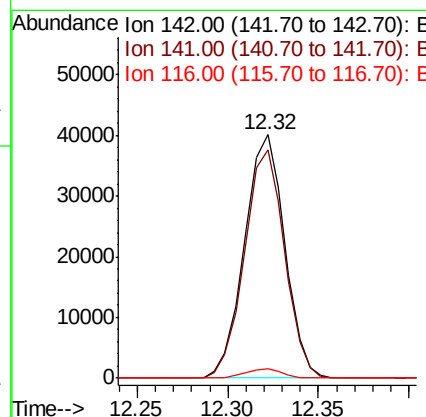
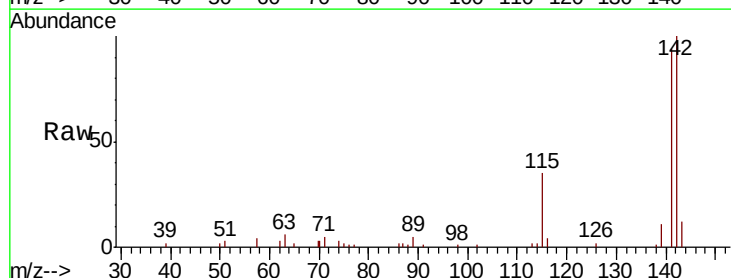
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

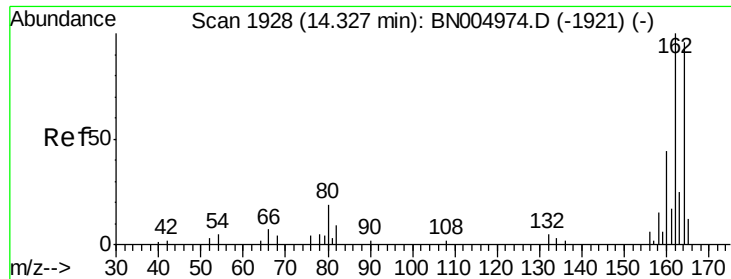
Tot Ion:142 Resp: 62898  
 Ion Ratio Lower Upper  
 142 100  
 141 89.6 72.2 108.2  
 115 33.8 26.5 39.7



#38  
 1-Methylnaphthalene  
 Concen: 40.628 ng  
 RT: 12.32 min Scan# 1587  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:142 Resp: 61773  
 Ion Ratio Lower Upper  
 142 100  
 141 93.6 74.8 112.2  
 116 3.7 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

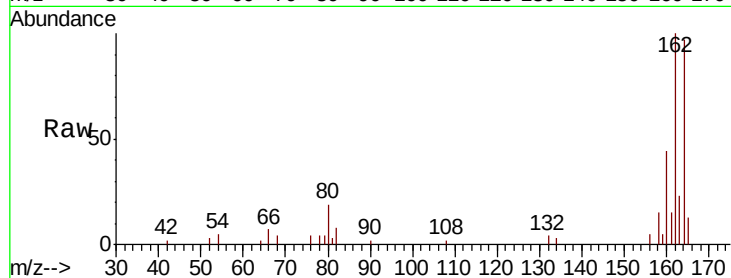
Tot Ion:164 Resp: 25020

Ion Ratio Lower Upper

164 100

162 103.6 83.8 125.6

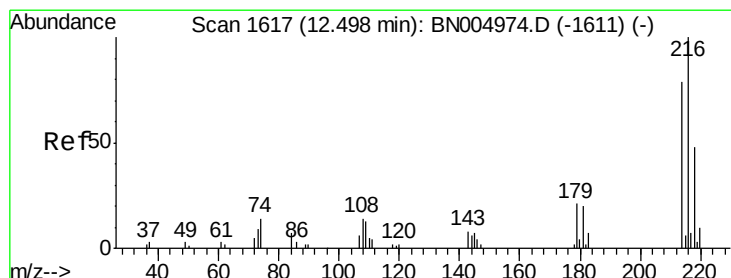
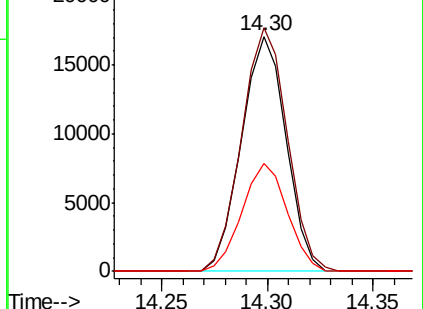
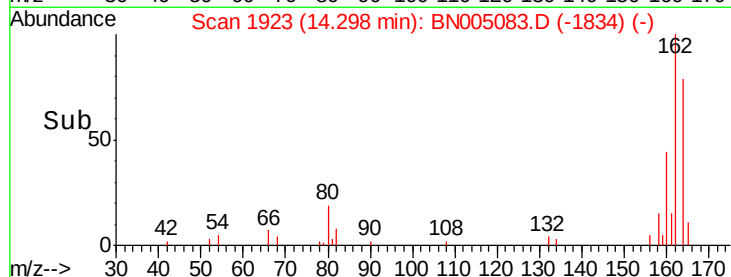
160 45.9 36.0 54.0



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



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.363 ng

RT: 12.47 min Scan# 1612

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Tgt Ion:216 Resp: 34932

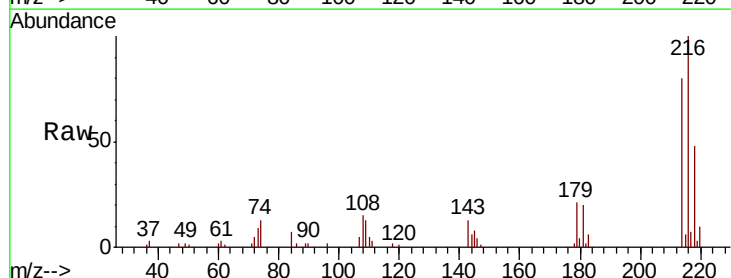
Ion Ratio Lower Upper

216 100

214 78.6 62.4 93.6

179 20.3 15.9 23.9

108 14.9 11.9 17.9

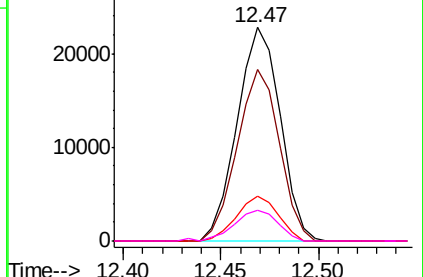
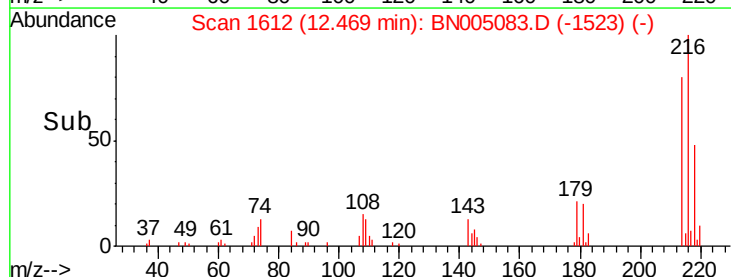


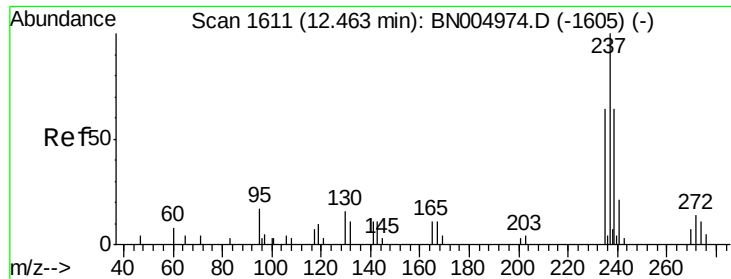
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

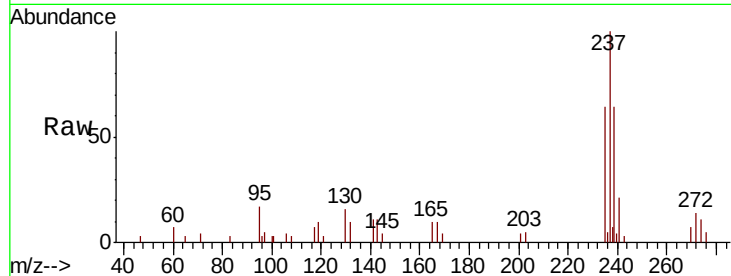




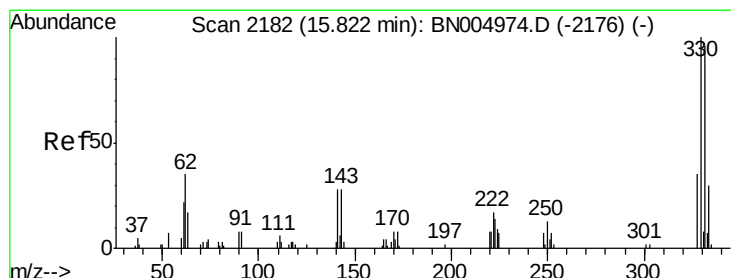
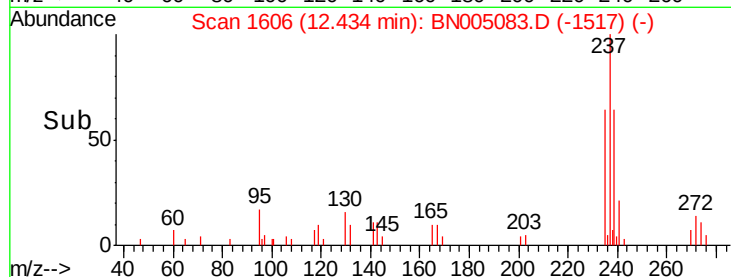
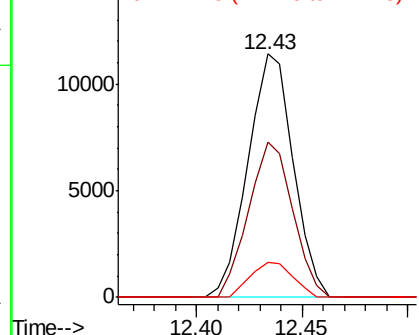
#41  
Hexachlorocyclopentadiene  
Concen: 36.420 ng  
RT: 12.43 min Scan# 1606  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:237 Resp: 16988  
Ion Ratio Lower Upper  
237 100  
235 63.8 43.8 83.8  
272 14.3 0.0 34.4

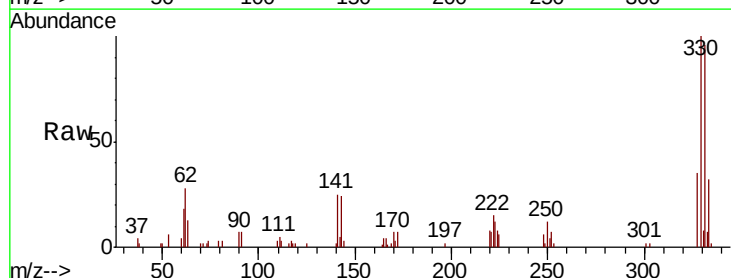


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

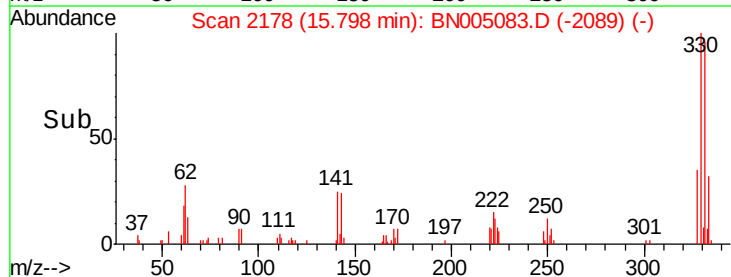
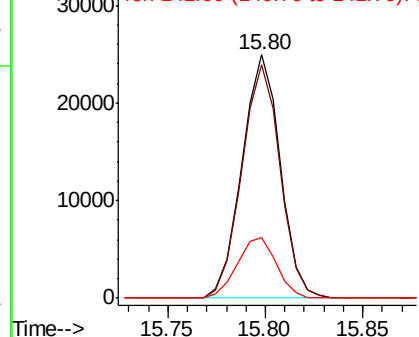


#42  
2,4,6-Tribromophenol  
Concen: 83.444 ng  
RT: 15.80 min Scan# 2178  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

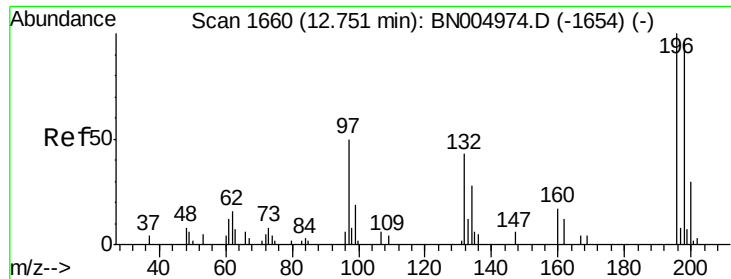
Tgt Ion:330 Resp: 33672  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.2  
141 25.4 20.3 30.5



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



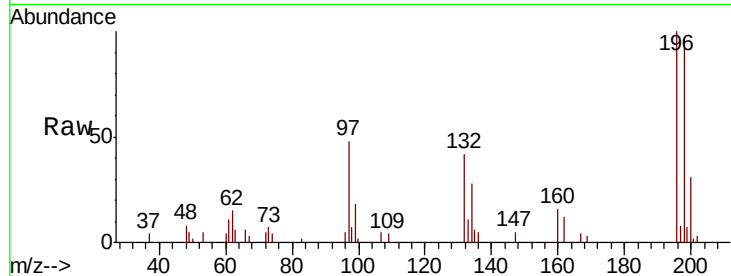




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.244 ng  
 RT: 12.72 min Scan# 1655  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:196 Resp: 21059  
 Ion Ratio Lower Upper  
 196 100  
 198 96.8 78.2 117.4  
 200 31.1 25.0 37.4

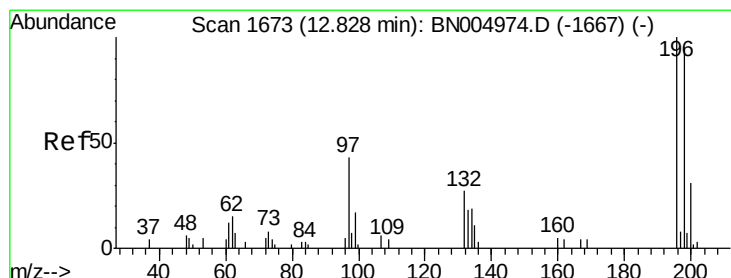
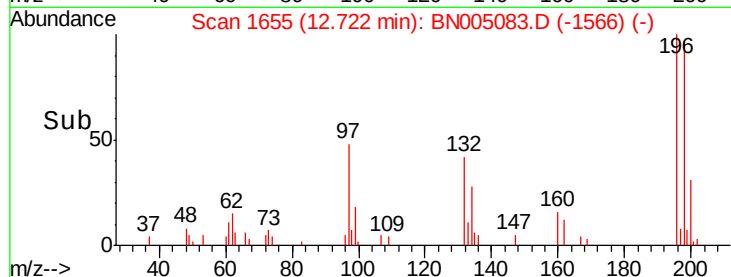
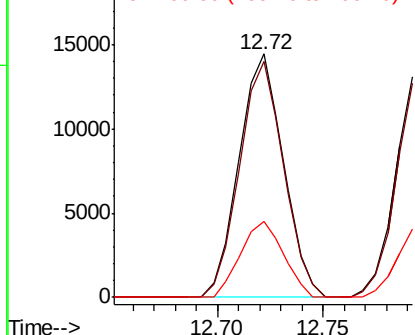


Abundance

Ion 196.00 (195.70 to 196.70): E

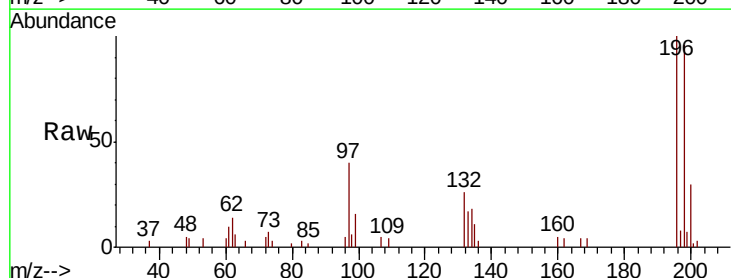
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 38.307 ng  
 RT: 12.80 min Scan# 1668  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:196 Resp: 22980  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 78.6 117.8  
 97 40.4 34.2 51.2  
 132 26.3 21.5 32.3



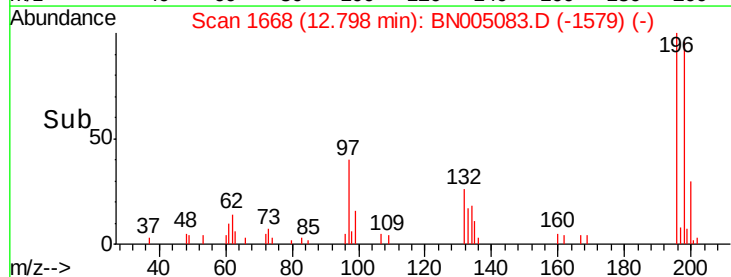
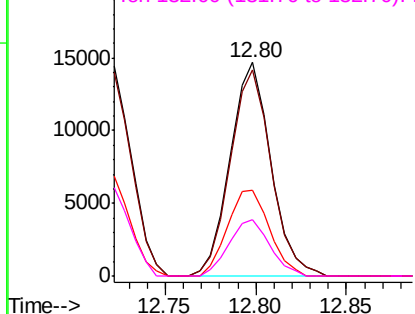
Abundance

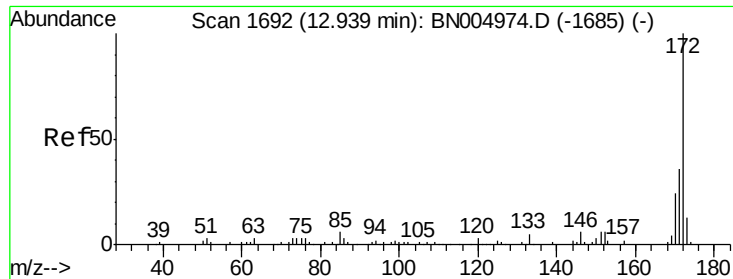
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BNC

Ion 132.00 (131.70 to 132.70): E

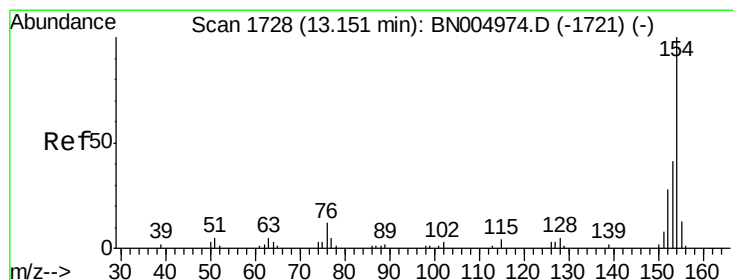
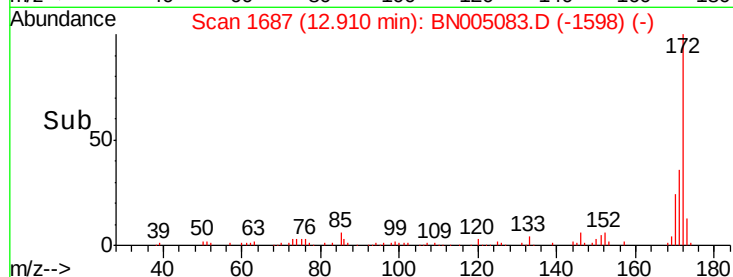
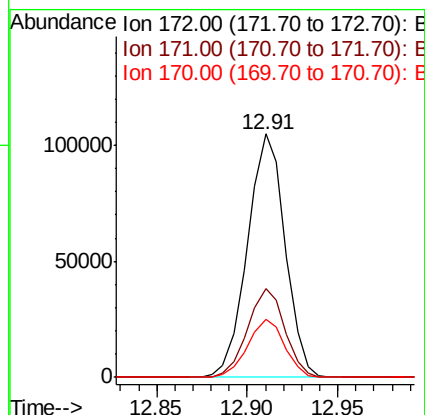
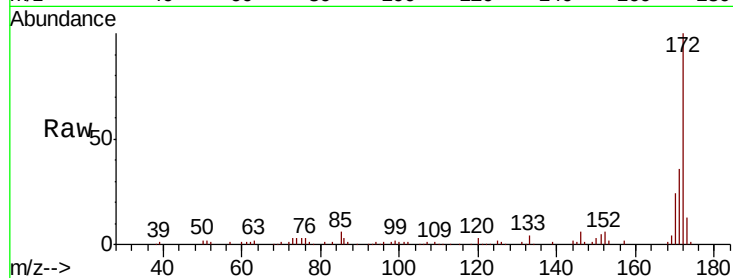




#45  
 2-Fluorobiphenyl  
 Concen: 79.960 ng  
 RT: 12.91 min Scan# 1687  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

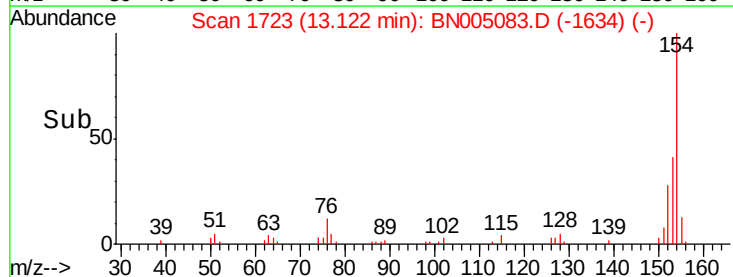
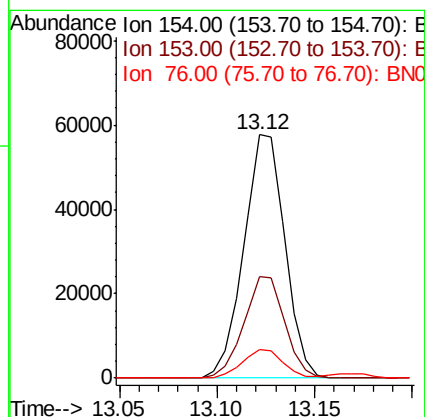
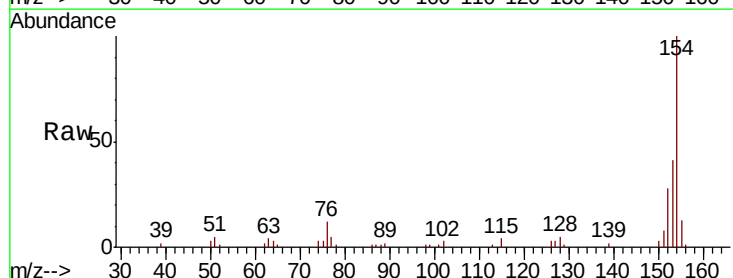
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

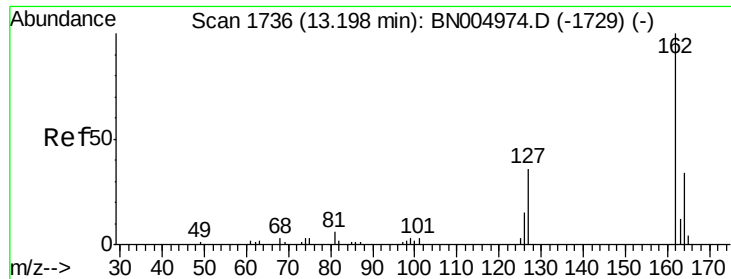
Tot Ion:172 Resp: 150974  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 28.7 43.1  
 170 23.7 18.8 28.2



#46  
 1,1'-Biphenyl  
 Concen: 39.696 ng  
 RT: 13.12 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:154 Resp: 84059  
 Ion Ratio Lower Upper  
 154 100  
 153 41.5 20.9 60.9  
 76 11.7 0.0 31.6

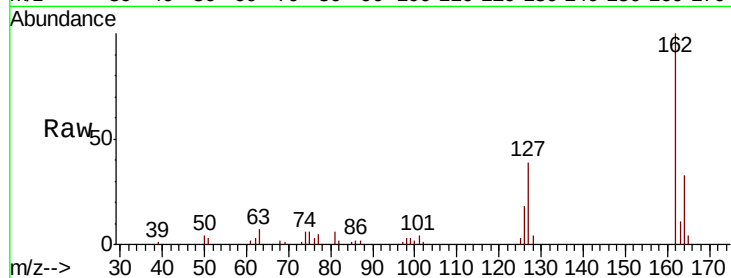




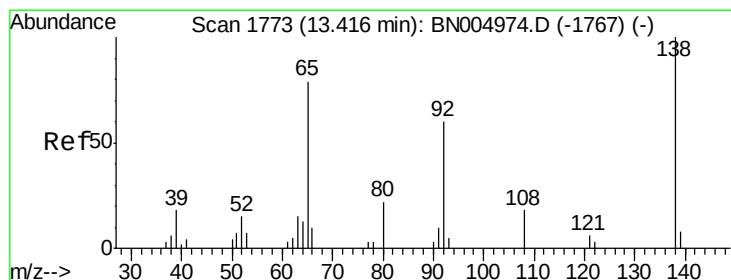
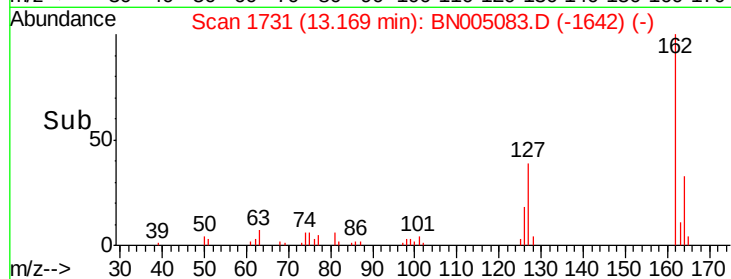
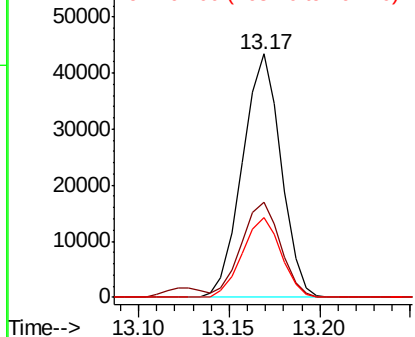
#47  
 2-Chloronaphthalene  
 Concen: 39.564 ng  
 RT: 13.17 min Scan# 1731  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:162 Resp: 64292  
 Ion Ratio Lower Upper  
 162 100  
 127 39.3 32.2 48.2  
 164 32.5 26.9 40.3

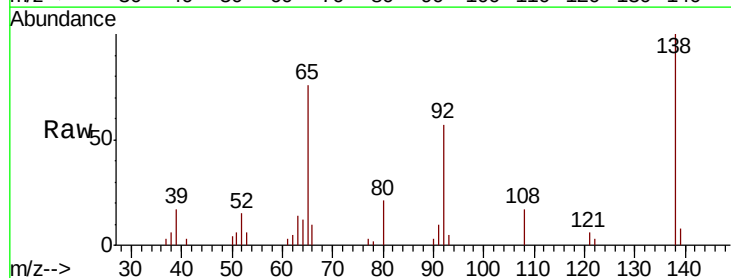


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

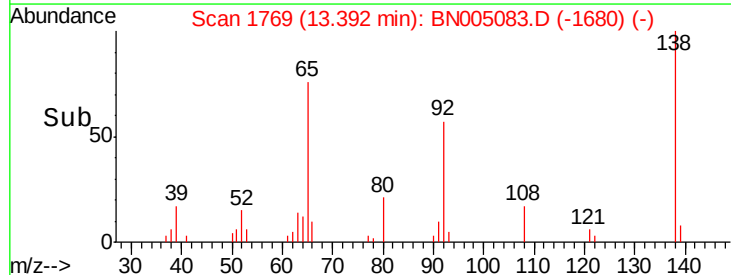
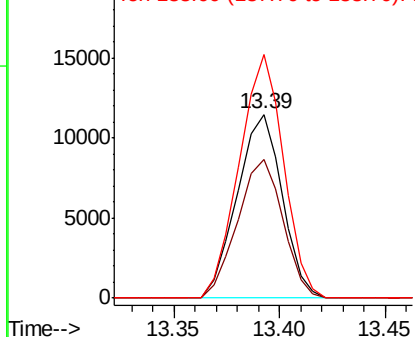


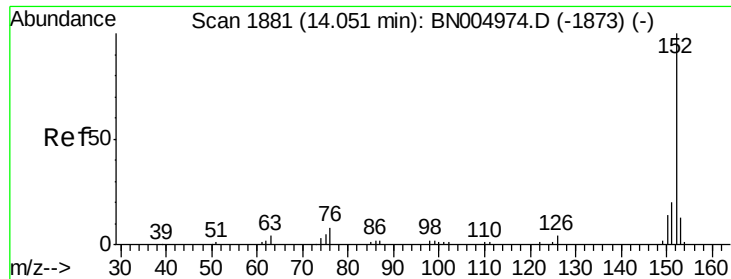
#48  
 2-Nitroaniline  
 Concen: 39.304 ng  
 RT: 13.39 min Scan# 1769  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion: 65 Resp: 17002  
 Ion Ratio Lower Upper  
 65 100  
 92 75.6 62.1 93.1  
 138 132.3 107.0 160.4



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





#49

Acenaphthylene

Concen: 39.960 ng

RT: 14.02 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

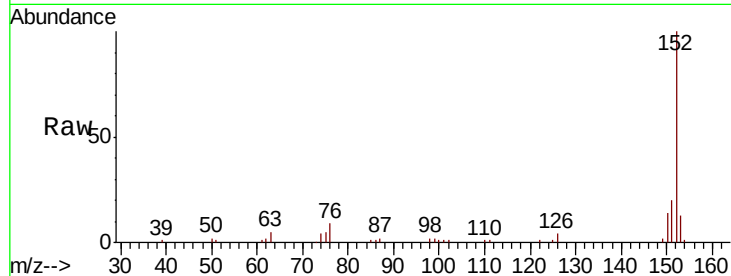
Tot Ion:152 Resp: 109217

Ion Ratio Lower Upper

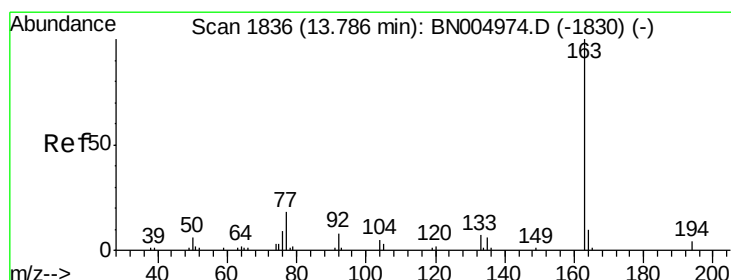
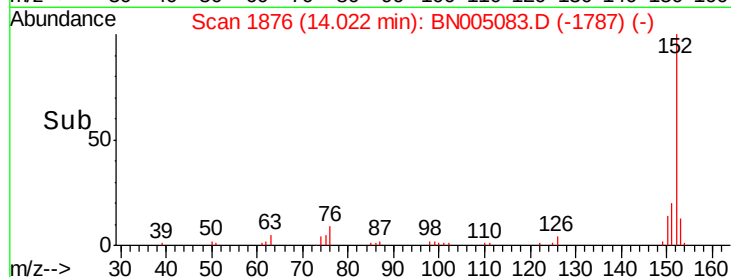
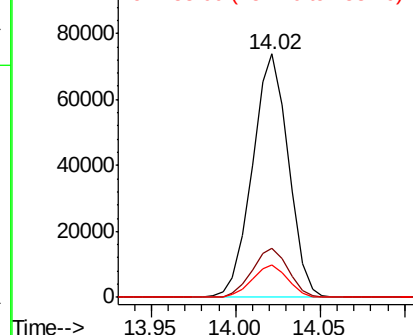
152 100

151 20.4 16.3 24.5

153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.896 ng

RT: 13.76 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

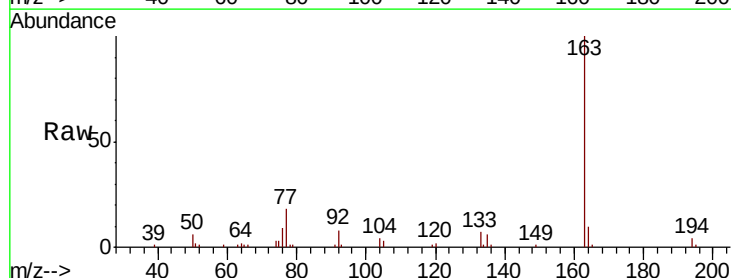
Tgt Ion:163 Resp: 84064

Ion Ratio Lower Upper

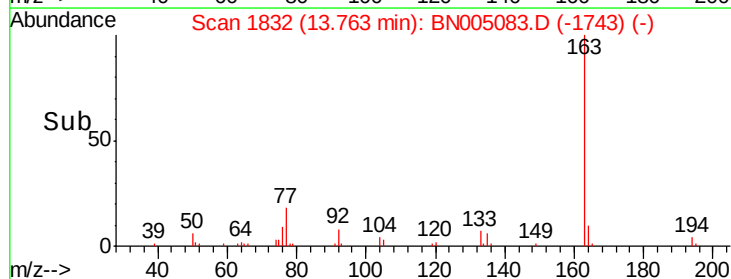
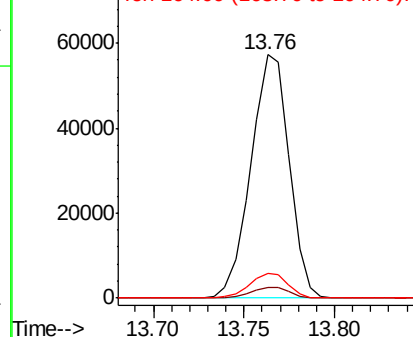
163 100

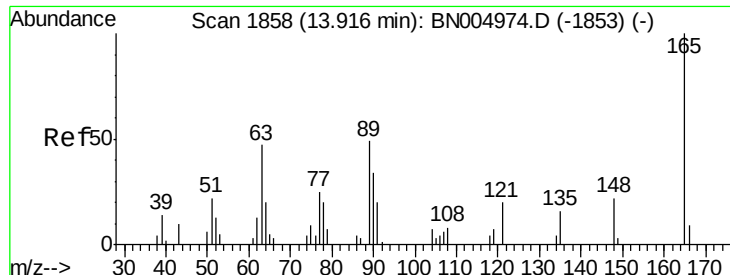
194 4.3 3.6 5.4

164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

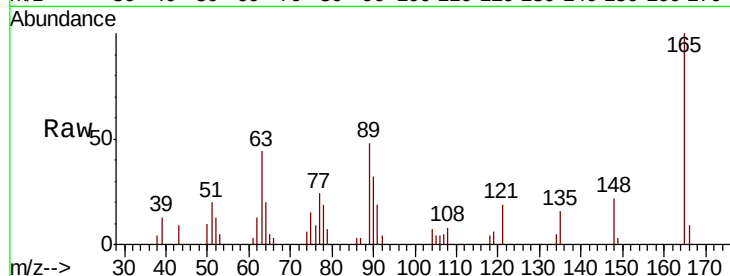




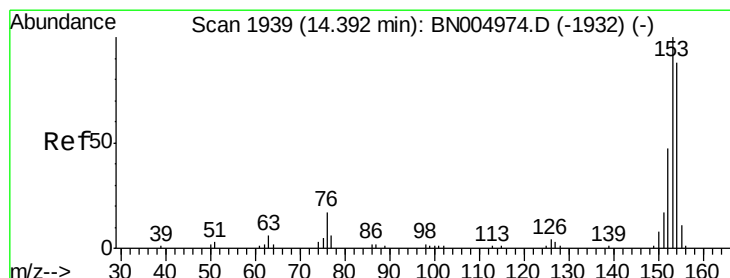
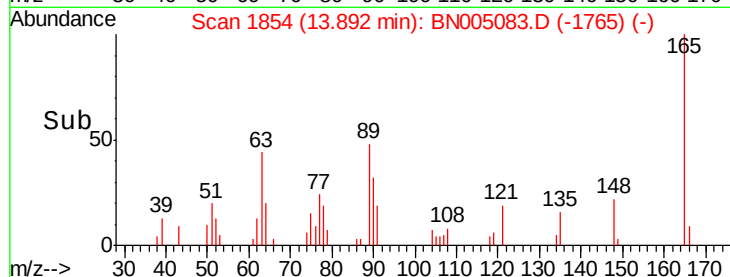
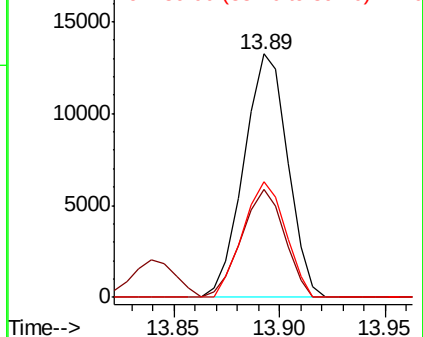
#51  
 2,6-Dinitrotoluene  
 Concen: 40.926 ng  
 RT: 13.89 min Scan# 1854  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:165 Resp: 19143  
 Ion Ratio Lower Upper  
 165 100  
 63 44.5 34.2 51.4  
 89 47.6 36.9 55.3

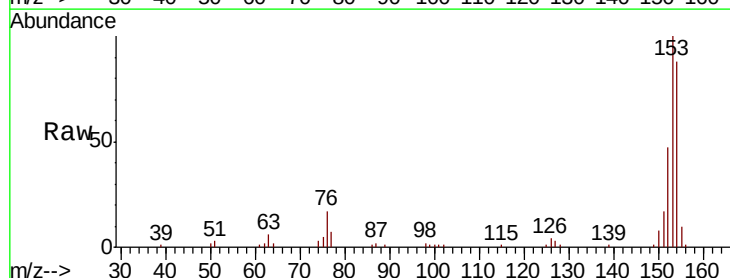


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BNO  
 Ion 89.00 (88.70 to 89.70): BNO

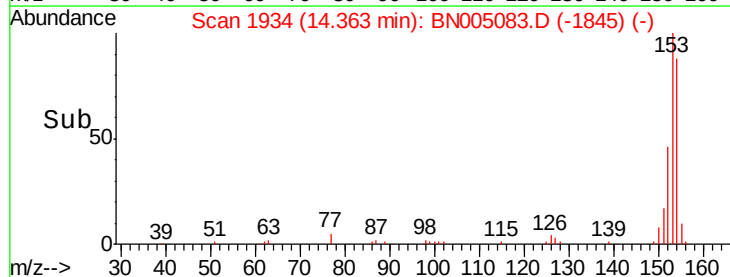
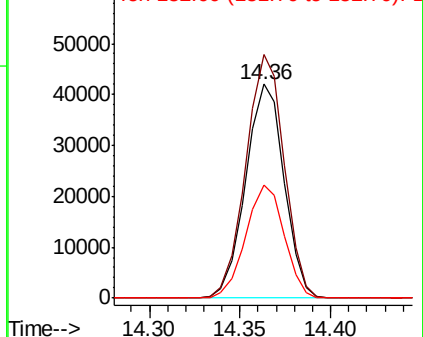


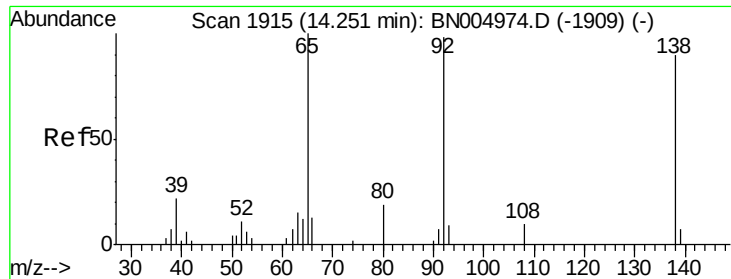
#52  
 Acenaphthene  
 Concen: 40.176 ng  
 RT: 14.36 min Scan# 1934  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:154 Resp: 61771  
 Ion Ratio Lower Upper  
 154 100  
 153 113.9 91.2 136.8  
 152 53.0 42.6 63.8



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

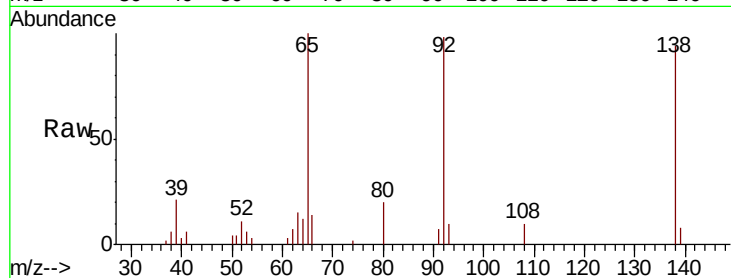




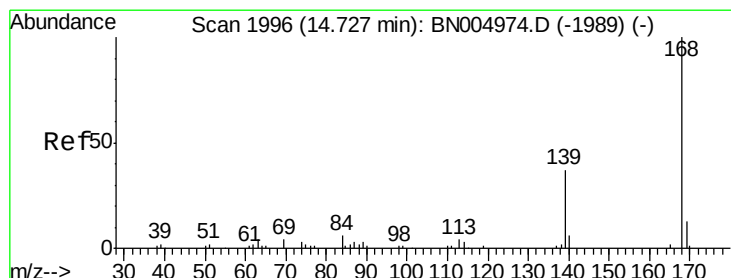
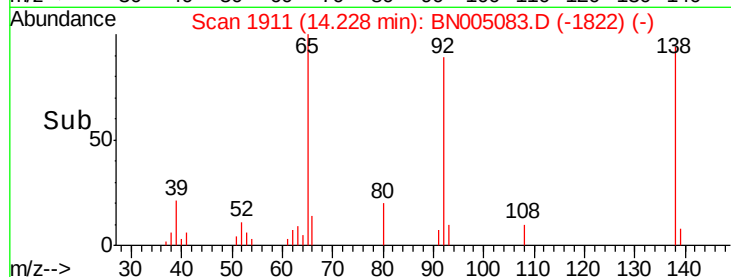
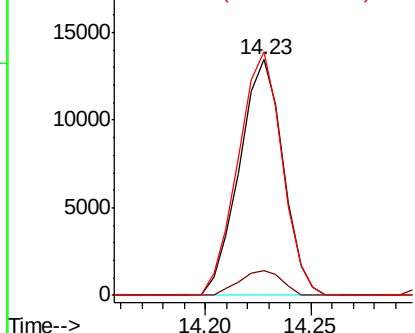
#53  
3-Nitroaniline  
Concen: 40.478 ng  
RT: 14.23 min Scan# 1911  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:138 Resp: 19351  
Ion Ratio Lower Upper  
138 100  
108 10.7 8.6 13.0  
92 103.4 82.0 123.0

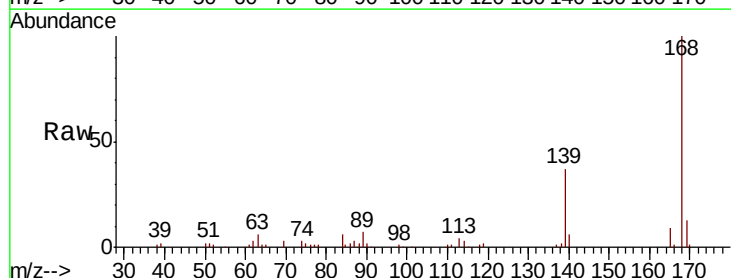


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): B

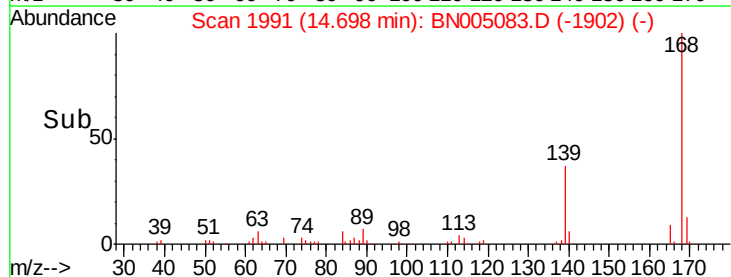
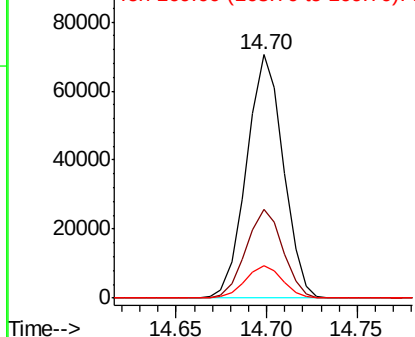


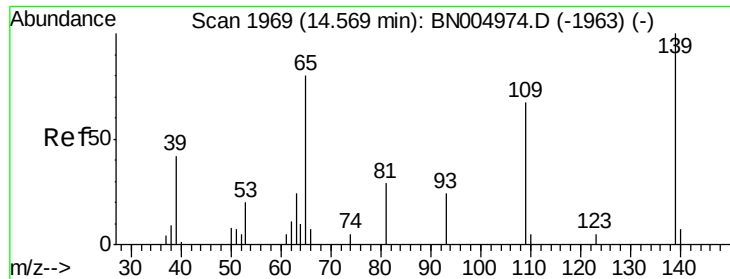
#55  
Dibenzofuran  
Concen: 40.612 ng  
RT: 14.70 min Scan# 1991  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Tgt Ion:168 Resp: 99359  
Ion Ratio Lower Upper  
168 100  
139 36.6 29.8 44.8  
169 13.2 10.6 16.0



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





#56

4-Nitrophenol

Concen: 24.248 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

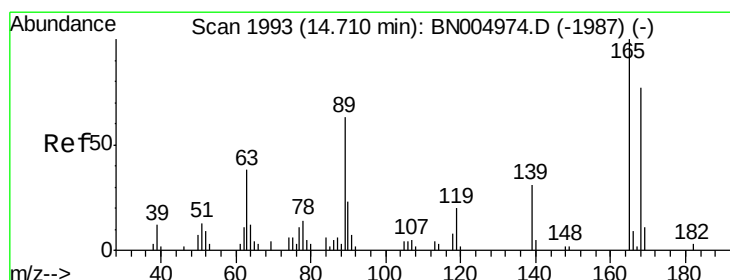
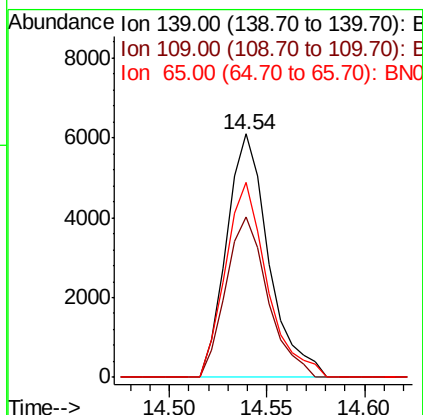
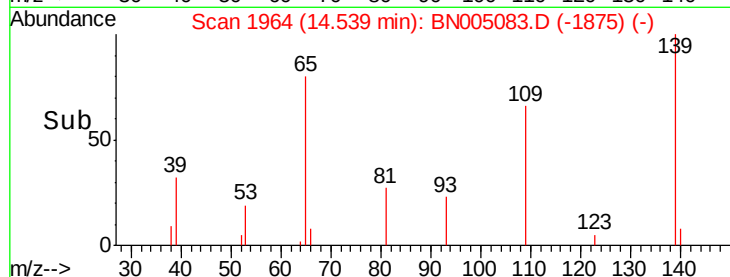
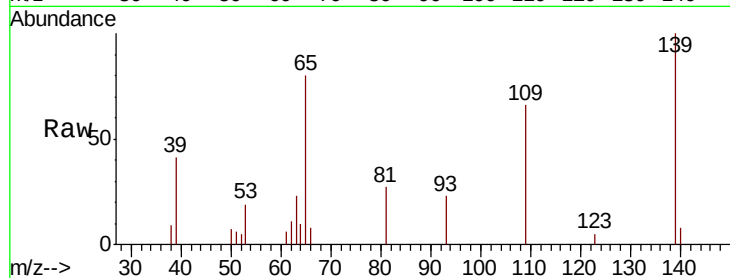
Tot Ion:139 Resp: 9132

Ion Ratio Lower Upper

139 100

109 65.9 47.7 87.7

65 79.9 59.5 99.5



#57

2,4-Dinitrotoluene

Concen: 41.676 ng

RT: 14.69 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Tgt Ion:165 Resp: 26492

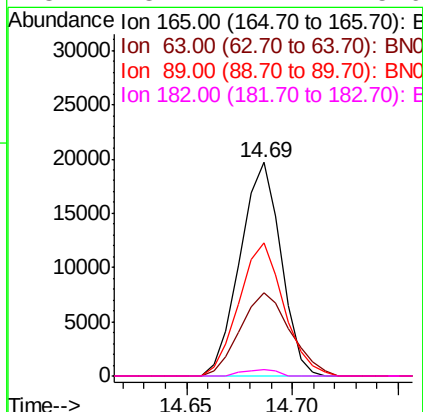
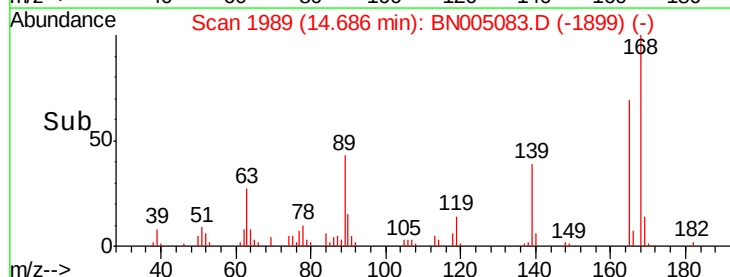
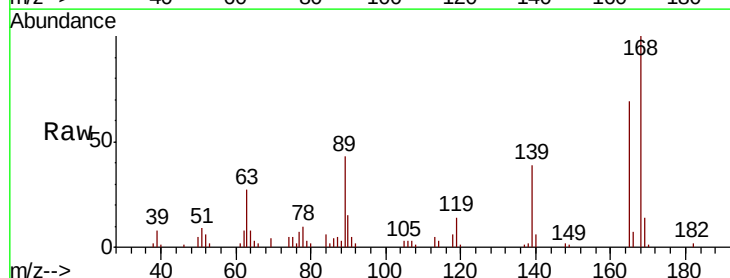
Ion Ratio Lower Upper

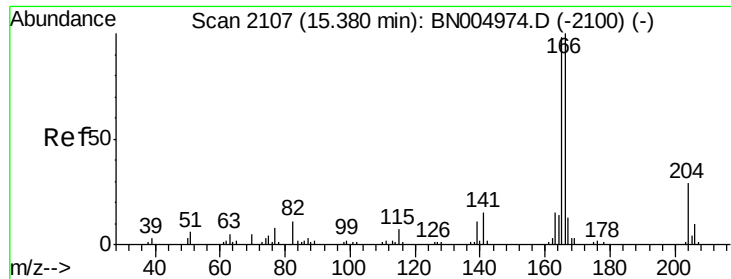
165 100

63 39.0 29.6 44.4

89 62.3 49.7 74.5

182 3.2 2.4 3.6

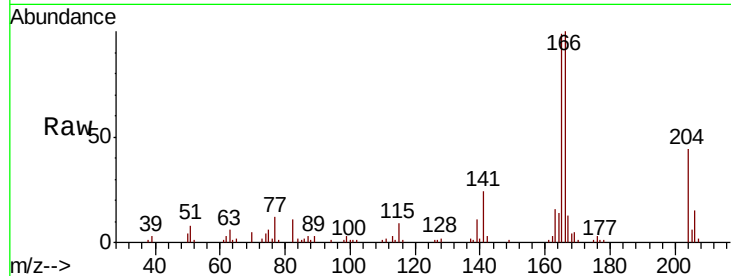




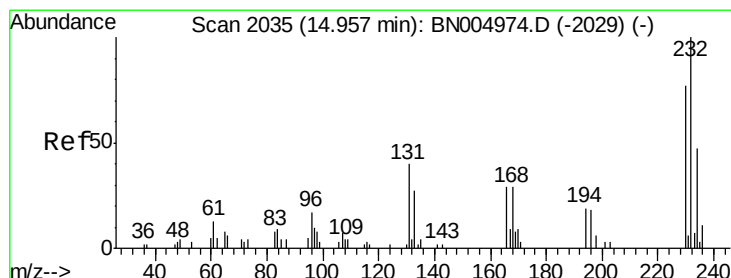
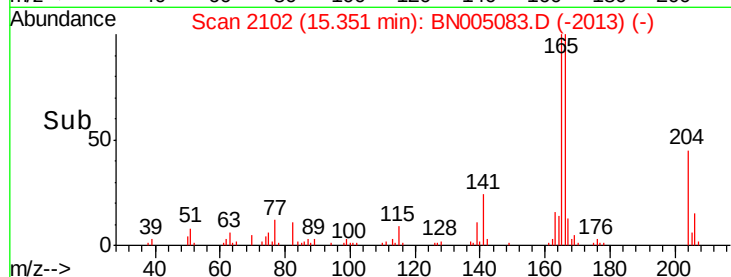
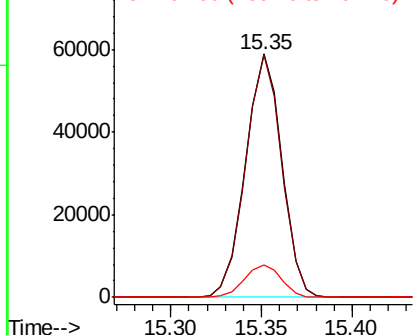
#58  
 Fluorene  
 Concen: 41.424 ng  
 RT: 15.35 min Scan# 2102  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:166 Resp: 81868  
 Ion Ratio Lower Upper  
 166 100  
 165 99.3 79.1 118.7  
 167 13.4 11.0 16.4

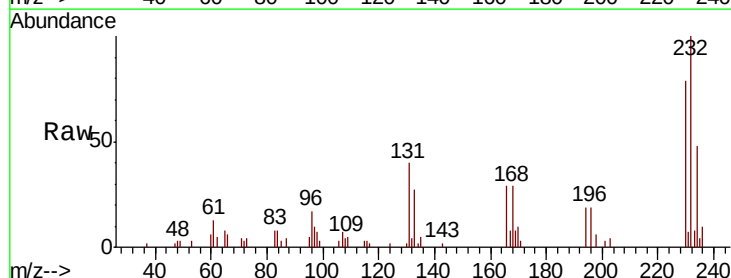


Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

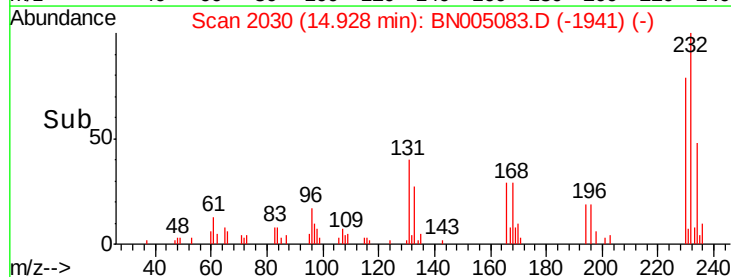
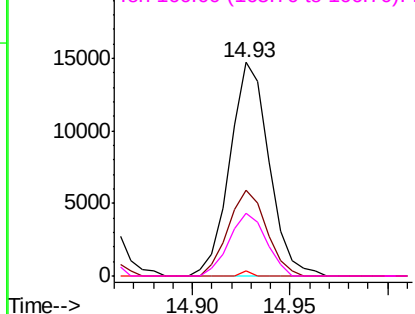


#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 36.810 ng  
 RT: 14.93 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

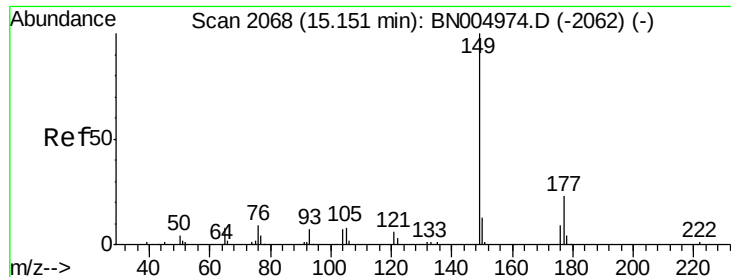
Tgt Ion:232 Resp: 20474  
 Ion Ratio Lower Upper  
 232 100  
 131 39.4 31.6 47.4  
 130 0.6 0.0 0.0#  
 166 27.6 22.2 33.4



Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E



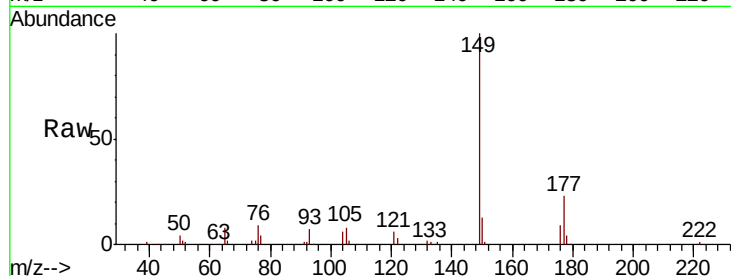




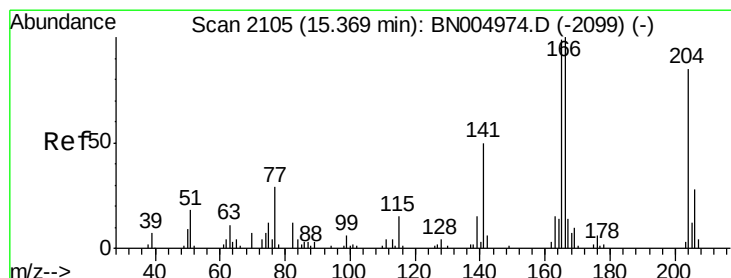
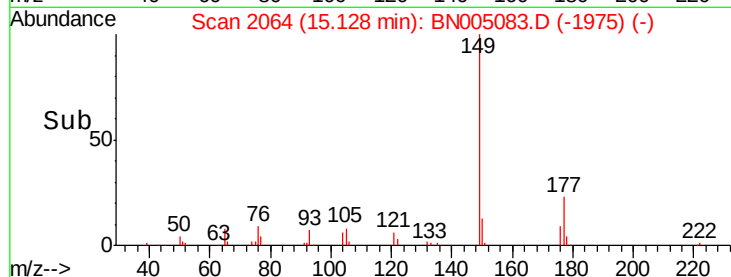
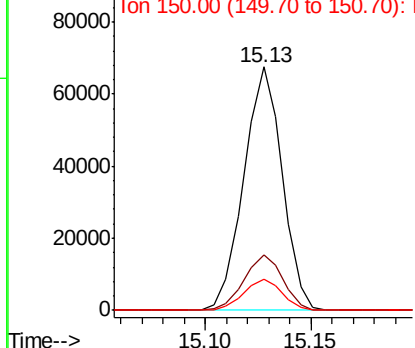
#60  
Diethylphthalate  
Concen: 41.471 ng  
RT: 15.13 min Scan# 2064  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 85066  
Ion Ratio Lower Upper  
149 100  
177 22.7 18.8 28.2  
150 12.8 10.1 15.1

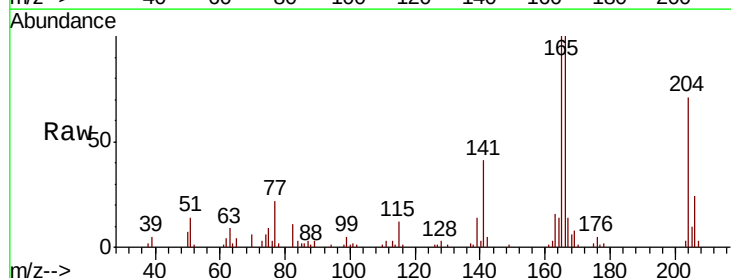


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

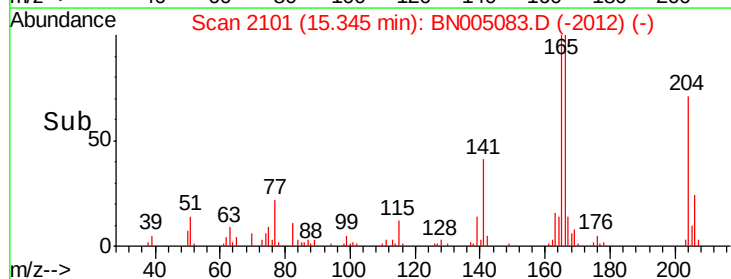
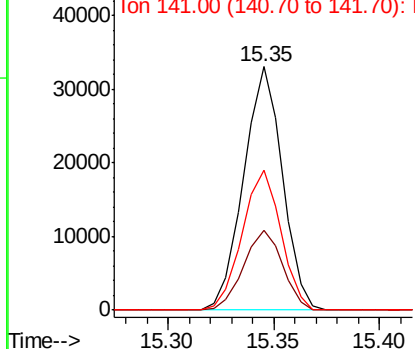


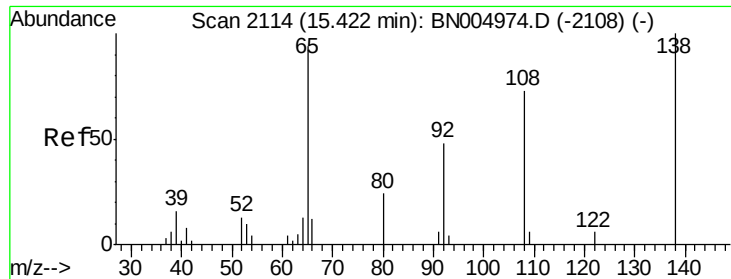
#61  
4-Chlorophenyl-phenylether  
Concen: 41.344 ng  
RT: 15.35 min Scan# 2101  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Tgt Ion:204 Resp: 42152  
Ion Ratio Lower Upper  
204 100  
206 33.0 26.3 39.5  
141 57.5 44.2 66.4



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

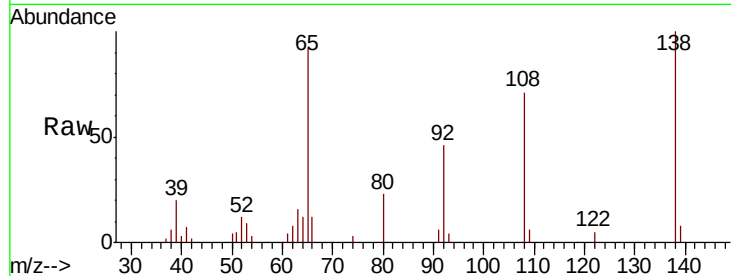




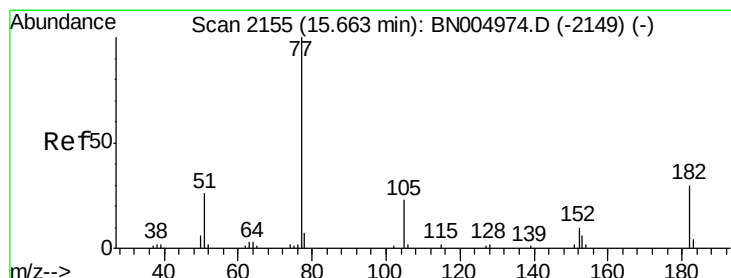
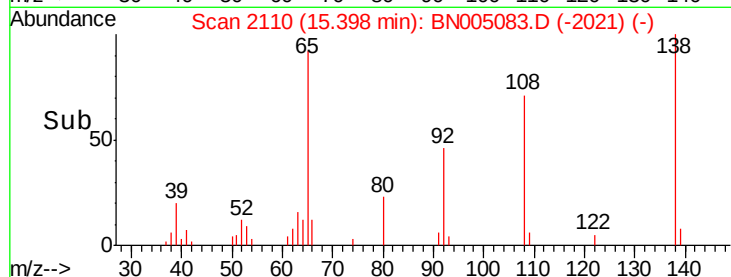
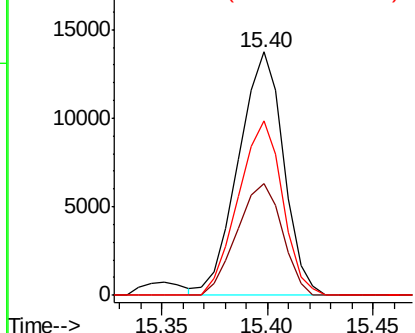
#62  
4-Nitroaniline  
Concen: 42.383 ng  
RT: 15.40 min Scan# 2110  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:138 Resp: 20358  
Ion Ratio Lower Upper  
138 100  
92 46.1 24.5 64.5  
108 71.5 49.3 89.3

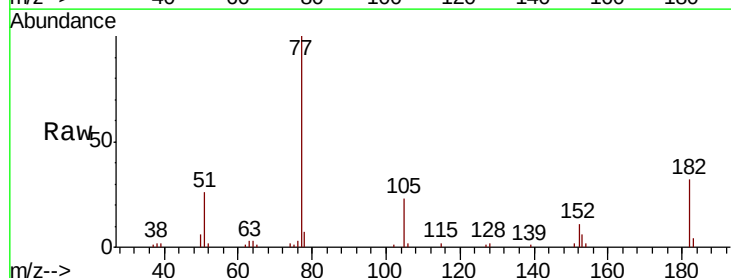


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BNO  
Ion 108.00 (107.70 to 108.70): E

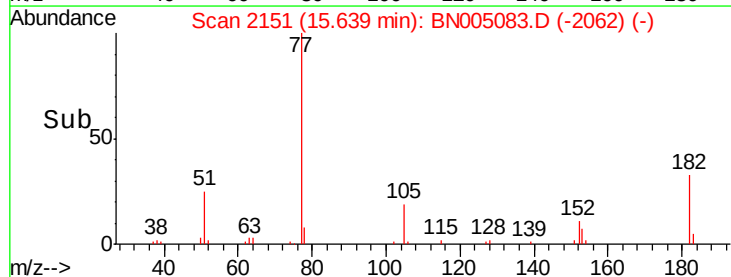
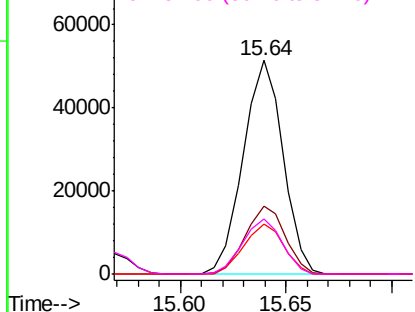


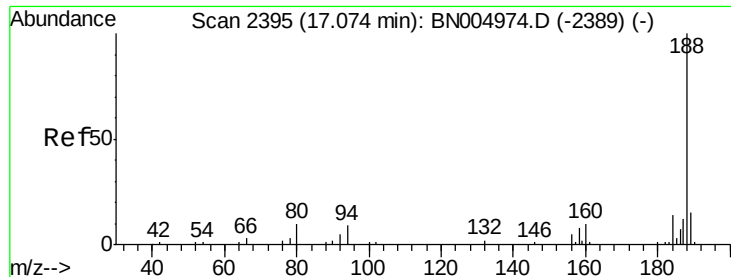
#63  
Azobenzene  
Concen: 39.433 ng  
RT: 15.64 min Scan# 2151  
Delta R.T. -0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Tgt Ion: 77 Resp: 67331  
Ion Ratio Lower Upper  
77 100  
182 31.8 12.2 52.2  
105 23.3 3.4 43.4  
51 25.8 5.6 45.6



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

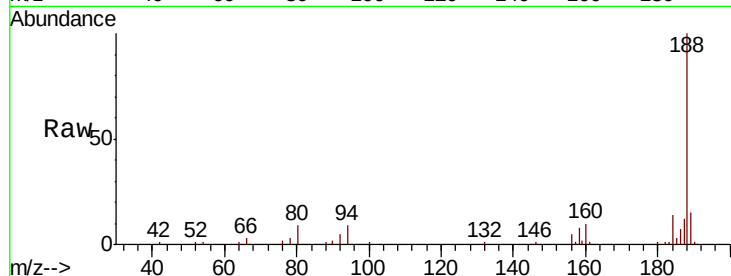




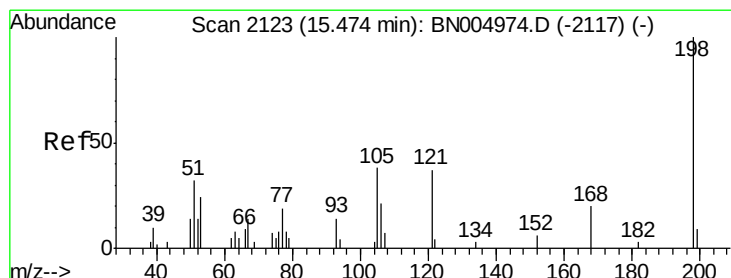
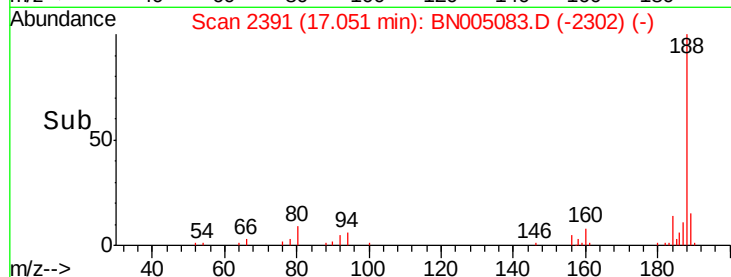
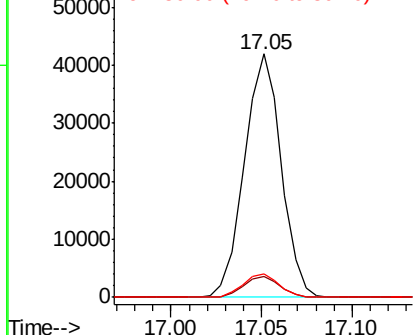
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.05 min Scan# 2391  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:188 Resp: 58994  
 Ion Ratio Lower Upper  
 188 100  
 94 8.5 6.6 10.0  
 80 9.5 7.1 10.7

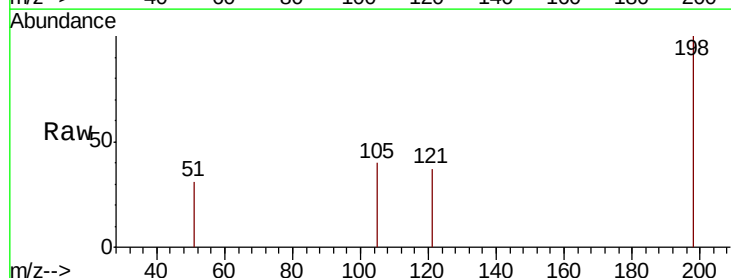


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BNC  
 Ion 80.00 (79.70 to 80.70): BNC

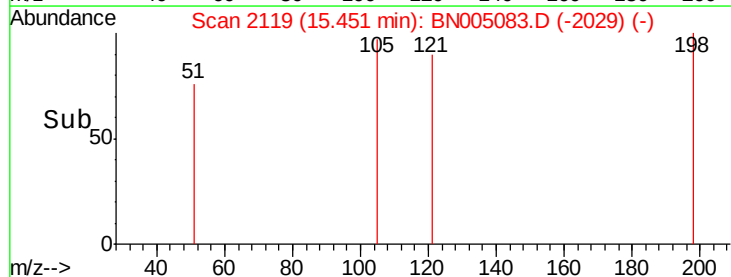
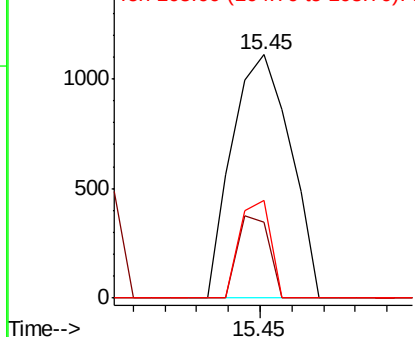


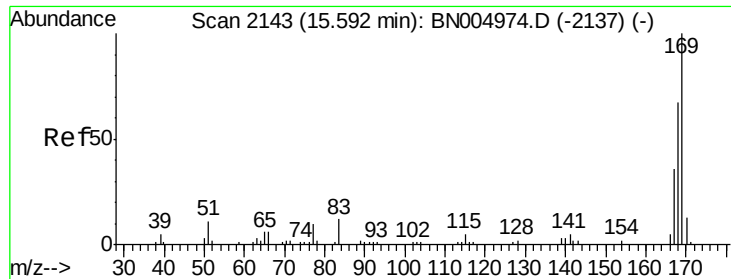
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 6.484 ng  
 RT: 15.45 min Scan# 2119  
 Delta R.T. -0.00 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:198 Resp: 1417  
 Ion Ratio Lower Upper  
 198 100  
 51 31.1 11.3 51.3  
 105 39.9 18.1 58.1



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

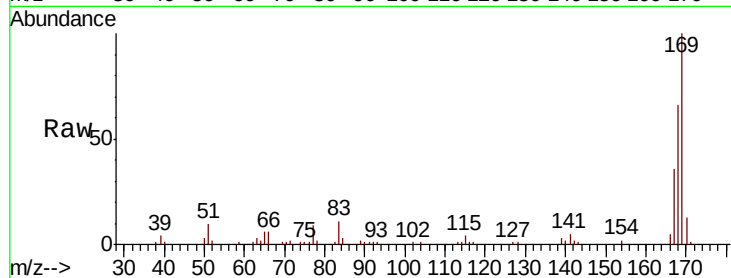




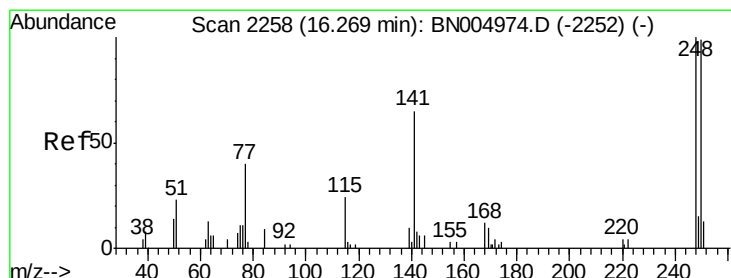
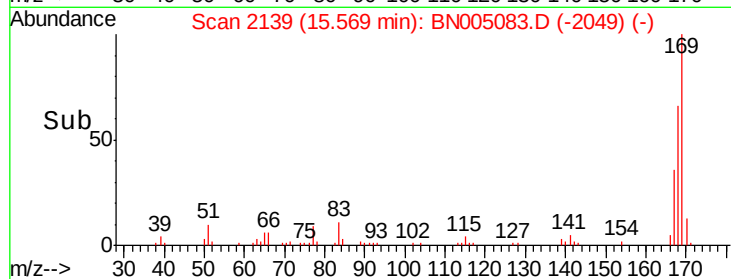
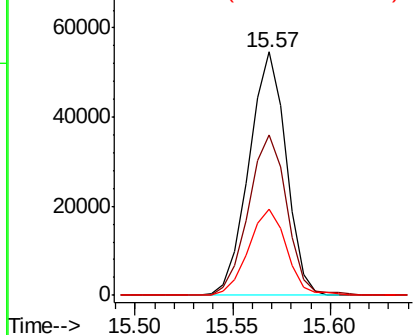
#66  
 n-Nitrosodiphenylamine  
 Concen: 38.649 ng  
 RT: 15.57 min Scan# 2139  
 Delta R.T. -0.00 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:169 Resp: 71821  
 Ion Ratio Lower Upper  
 169 100  
 168 66.1 54.0 81.0  
 167 35.6 28.9 43.3

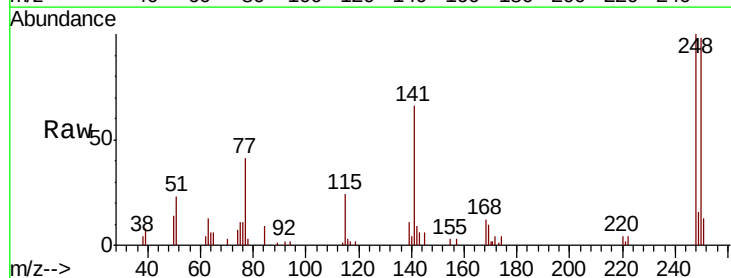


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

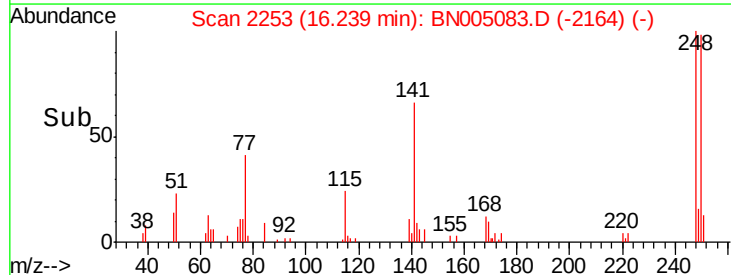
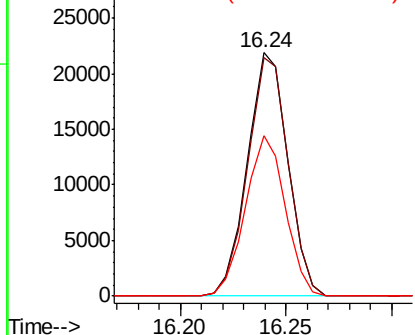


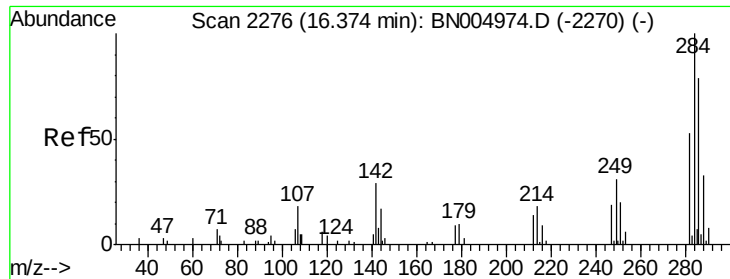
#67  
 4-Bromophenyl-phenylether  
 Concen: 39.589 ng  
 RT: 16.24 min Scan# 2253  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:248 Resp: 29145  
 Ion Ratio Lower Upper  
 248 100  
 250 98.2 80.2 120.2  
 141 65.9 54.6 82.0



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





#68

Hexachlorobenzene

Concen: 40.824 ng

RT: 16.35 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

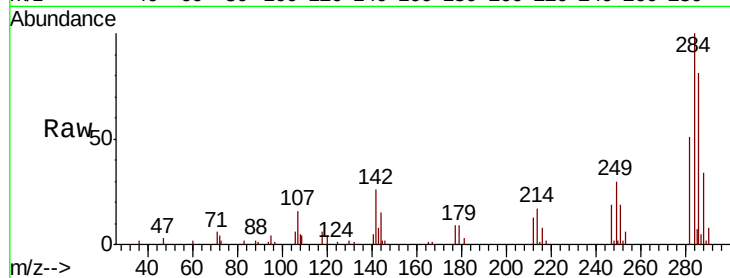
Tot Ion:284 Resp: 35211

Ion Ratio Lower Upper

284 100

142 26.2 22.8 34.2

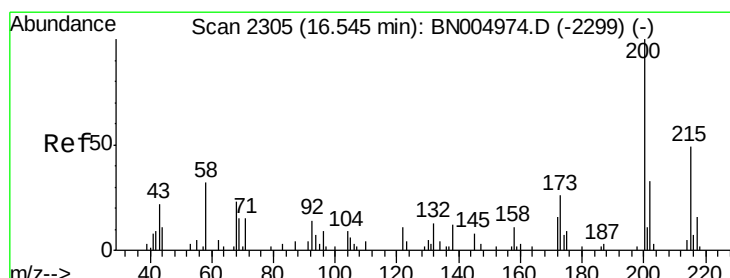
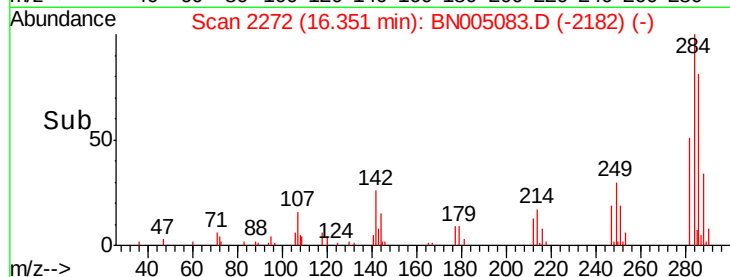
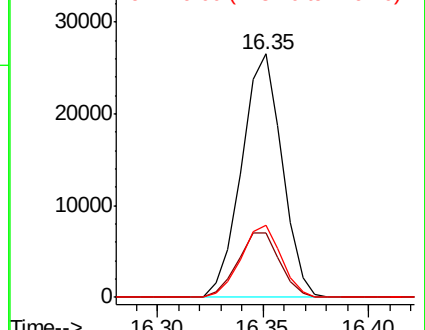
249 29.5 24.3 36.5



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



#69

Atrazine

Concen: 40.483 ng

RT: 16.52 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

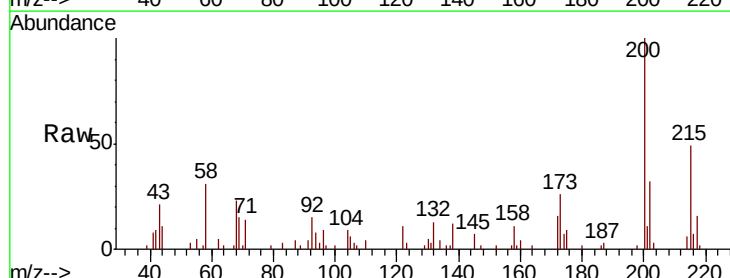
Tgt Ion:200 Resp: 26877

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

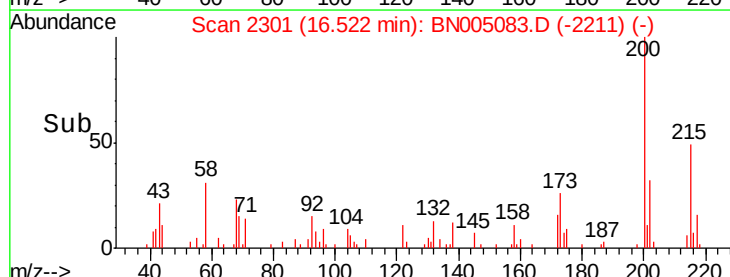
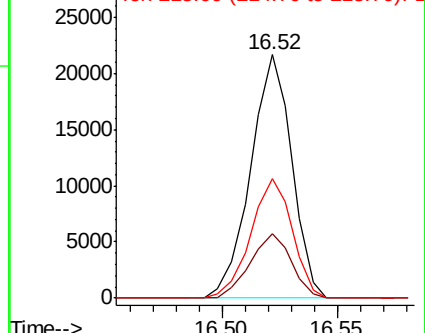
215 48.9 28.5 68.5

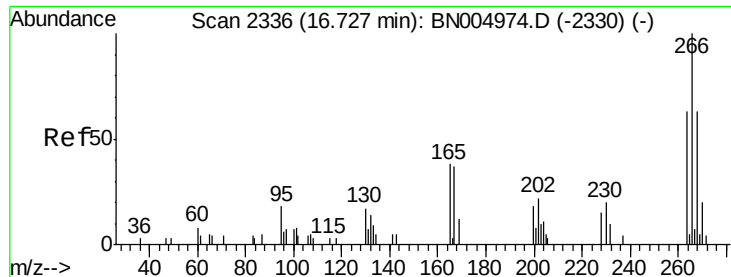


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

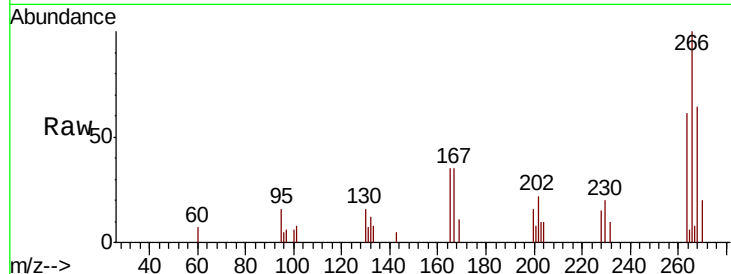




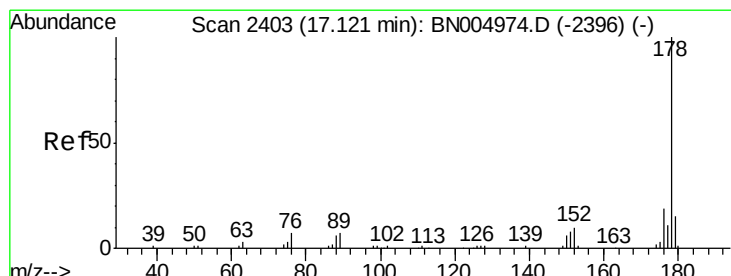
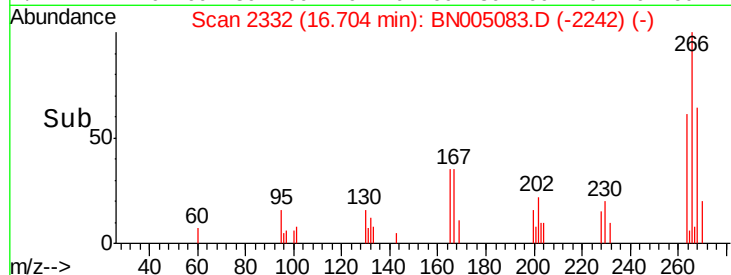
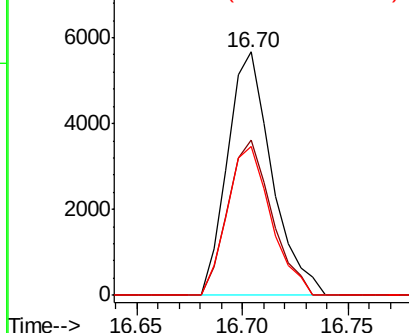
#70  
 Pentachlorophenol  
 Concen: 18.175 ng  
 RT: 16.70 min Scan# 2332  
 Delta R.T. -0.00 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:266 Resp: 8242  
 Ion Ratio Lower Upper  
 266 100  
 268 63.7 50.8 76.2  
 264 61.3 49.8 74.8

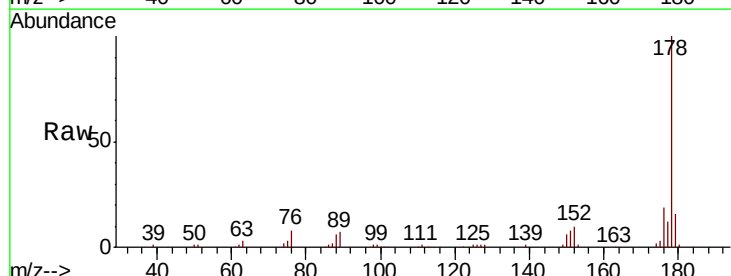


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

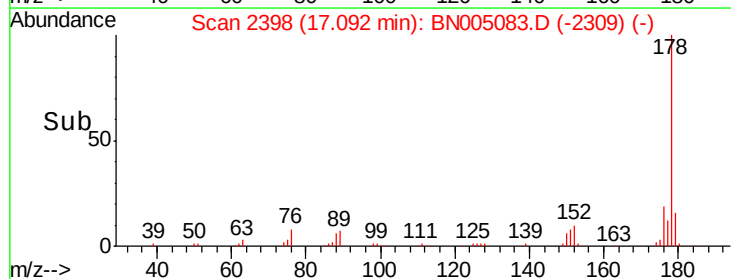
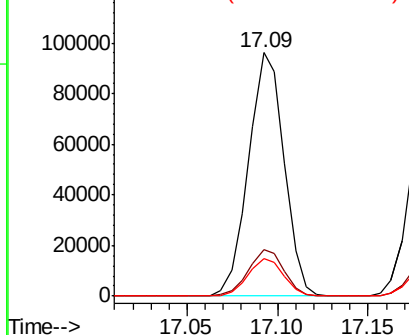


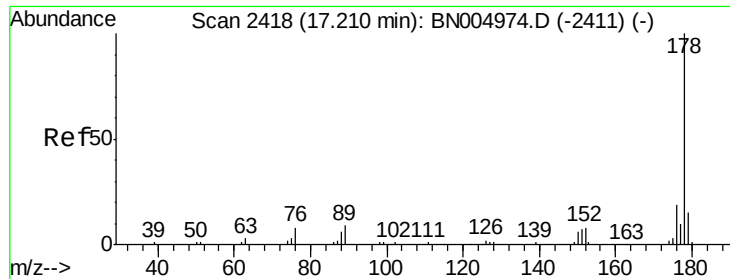
#71  
 Phenanthrene  
 Concen: 39.570 ng  
 RT: 17.09 min Scan# 2398  
 Delta R.T. -0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:178 Resp: 131167  
 Ion Ratio Lower Upper  
 178 100  
 176 19.1 15.0 22.4  
 179 15.5 12.2 18.4



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





#72

Anthracene

Concen: 40.310 ng

RT: 17.19 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

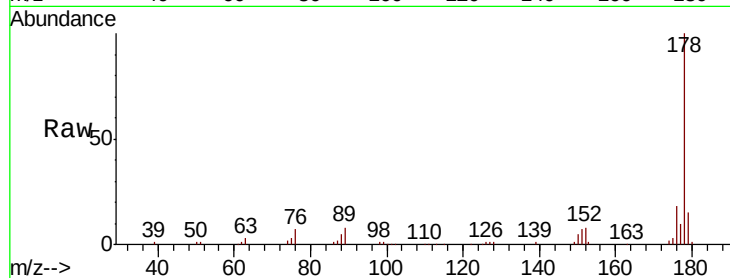
Tot Ion:178 Resp: 132999

Ion Ratio Lower Upper

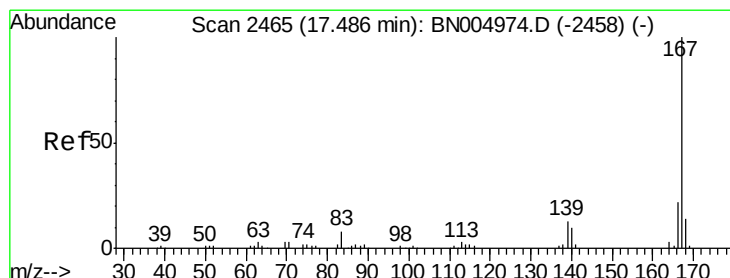
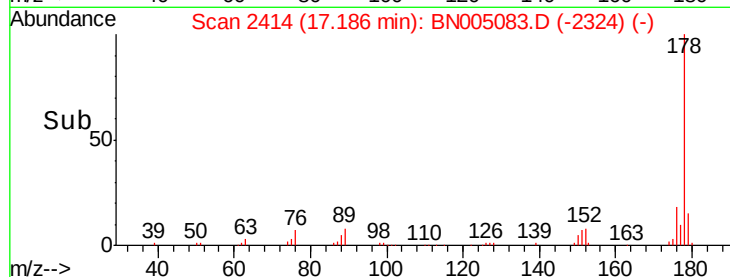
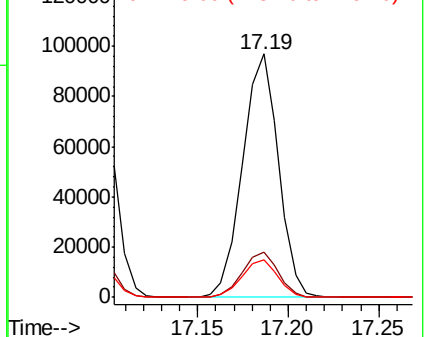
178 100

176 18.5 14.8 22.2

179 15.4 12.6 18.8



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



#73

Carbazole

Concen: 40.481 ng

RT: 17.46 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

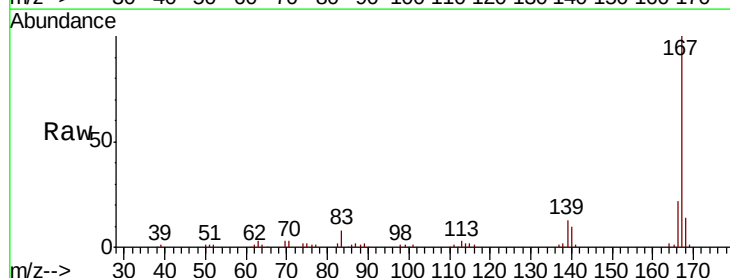
Tgt Ion:167 Resp: 121572

Ion Ratio Lower Upper

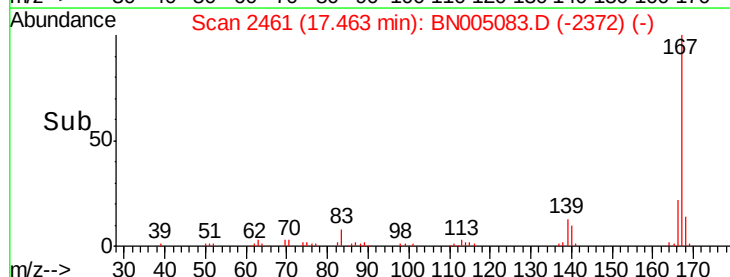
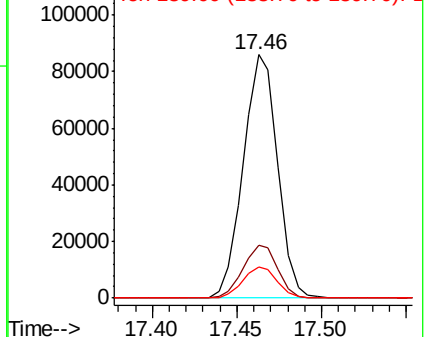
167 100

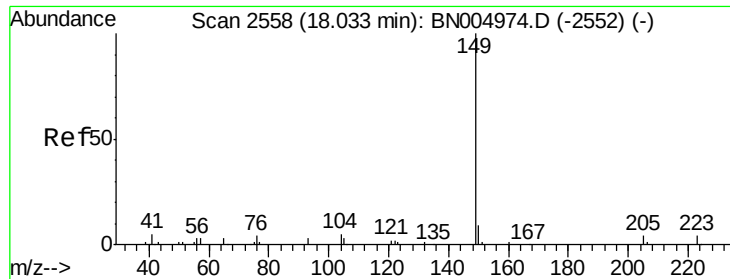
166 21.9 17.5 26.3

139 12.9 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E  
Ion 166.00 (165.70 to 166.70): E  
Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 41.369 ng

RT: 18.02 min Scan# 2555

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

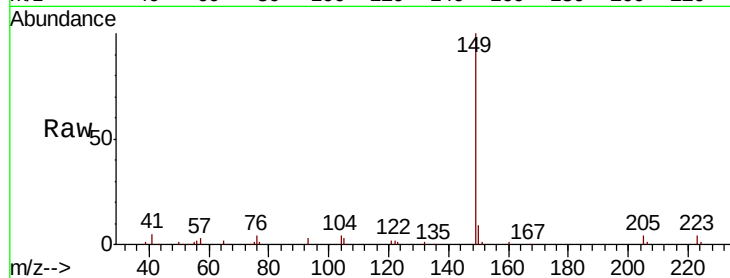
Tot Ion:149 Resp: 151345

Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

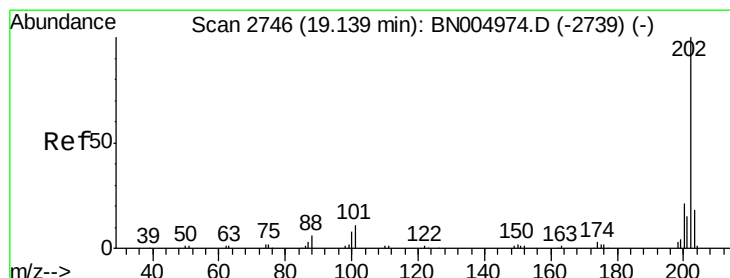
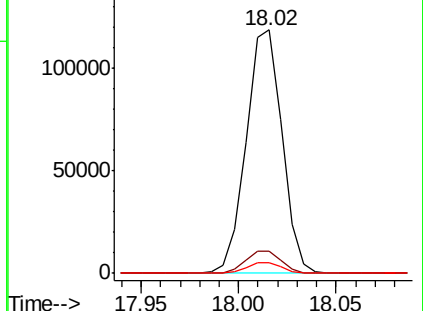
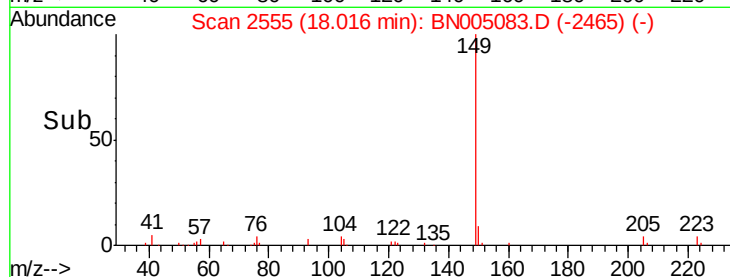
104 4.4 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 42.512 ng

RT: 19.12 min Scan# 2743

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

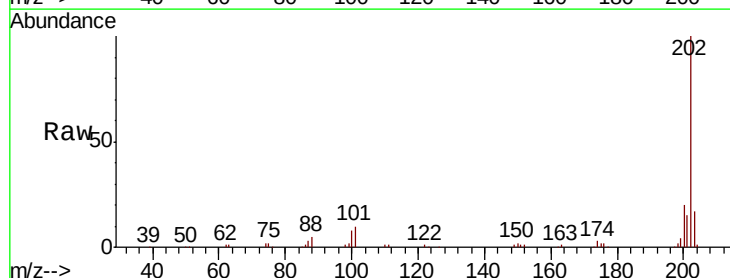
Tgt Ion:202 Resp: 160762

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.3

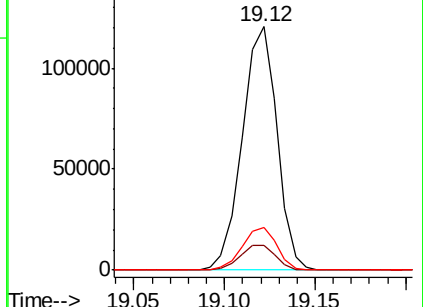
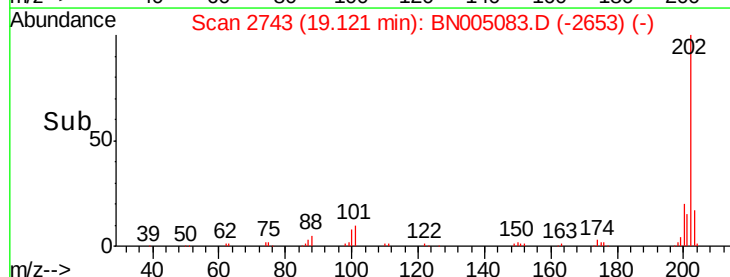
203 17.4 0.0 37.7



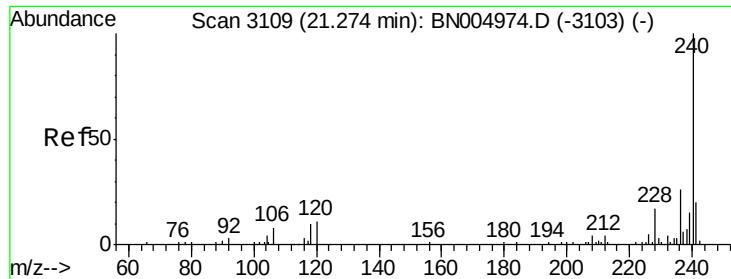
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3107

Delta R.T. 0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

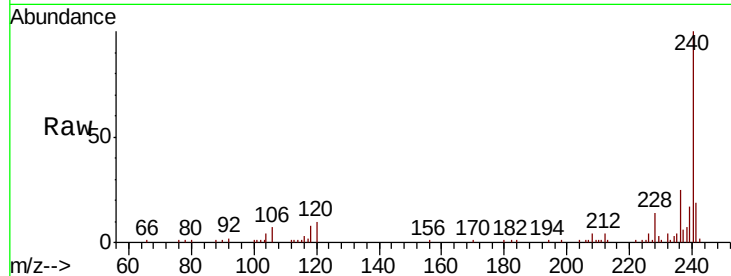
Tot Ion:240 Resp: 69914

Ion Ratio Lower Upper

240 100

120 9.6 8.1 12.1

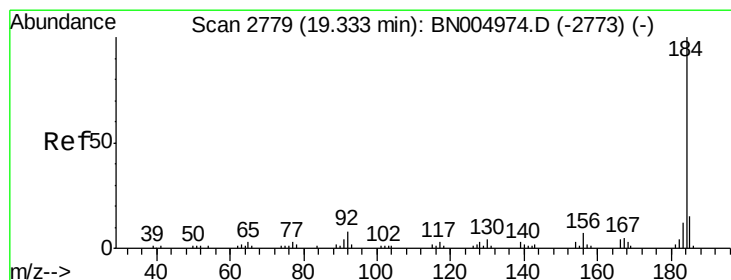
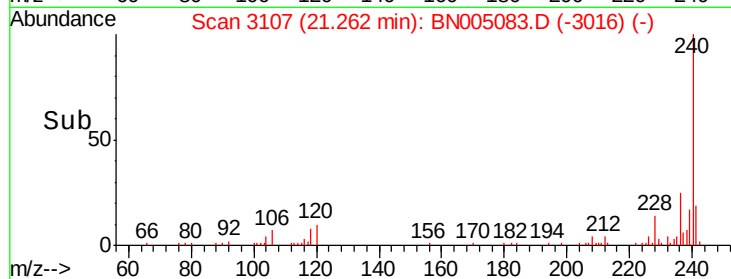
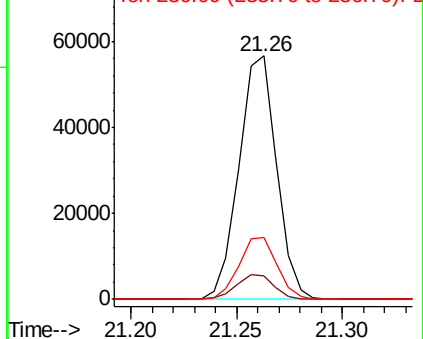
236 25.5 20.4 30.6



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Benzidine

Concen: 33.371 ng

RT: 19.32 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

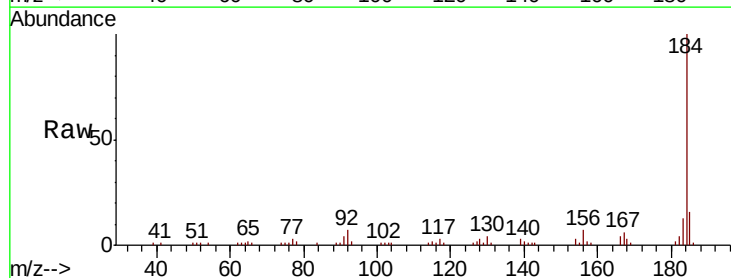
Tgt Ion:184 Resp: 72711

Ion Ratio Lower Upper

184 100

185 16.2 12.4 18.6

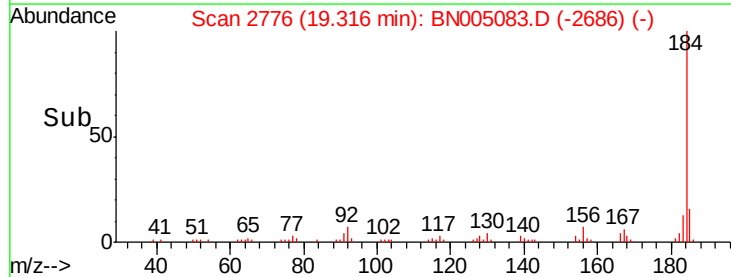
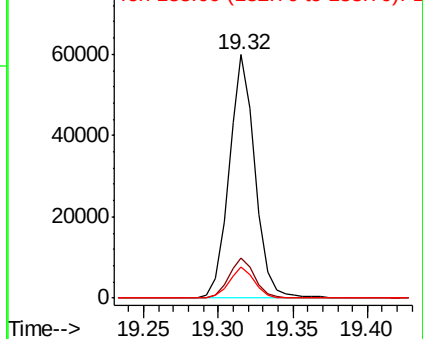
183 12.6 10.0 15.0

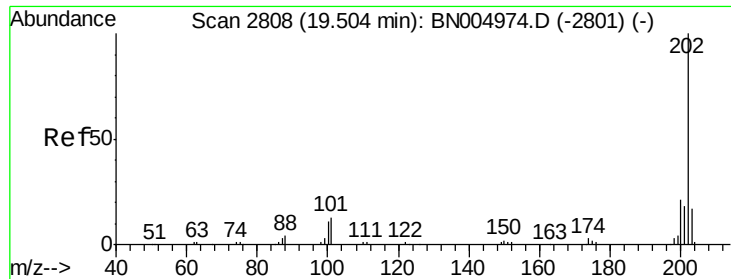


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

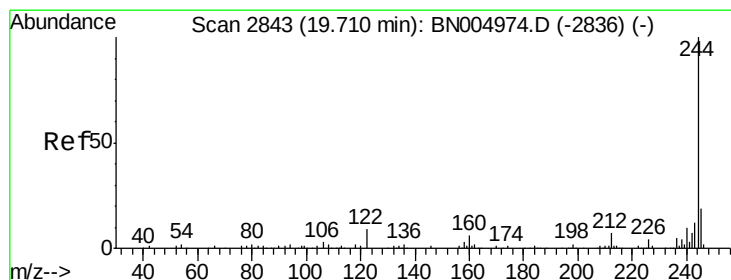
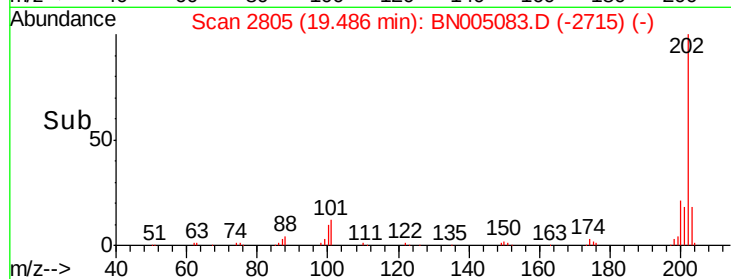
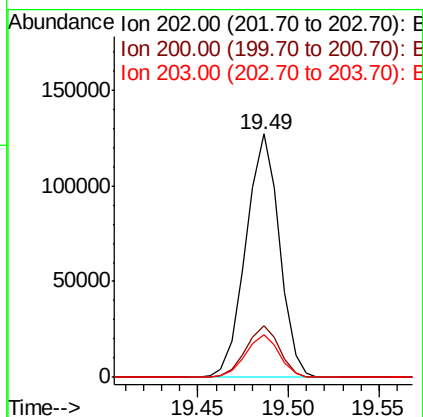
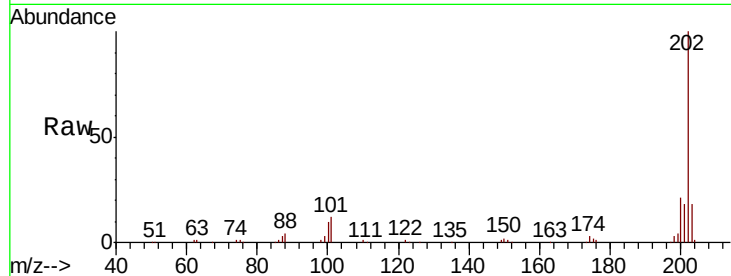




#78  
Pvrene  
Concen: 34.948 ng  
RT: 19.49 min Scan# 2805  
Delta R.T. -0.00 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

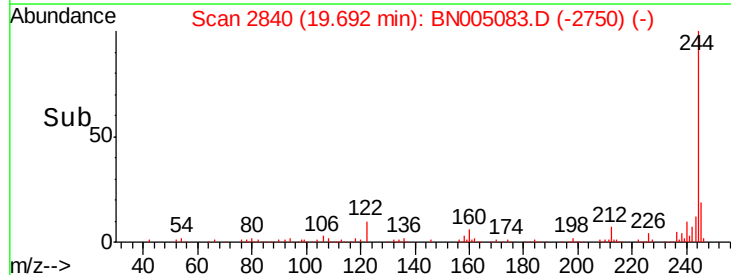
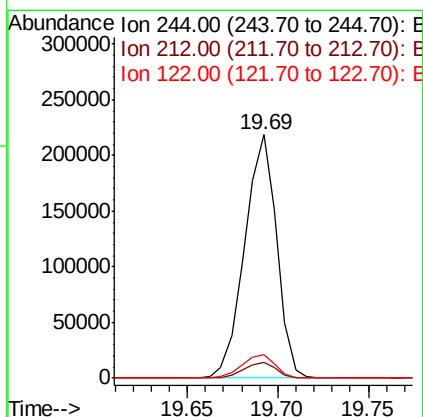
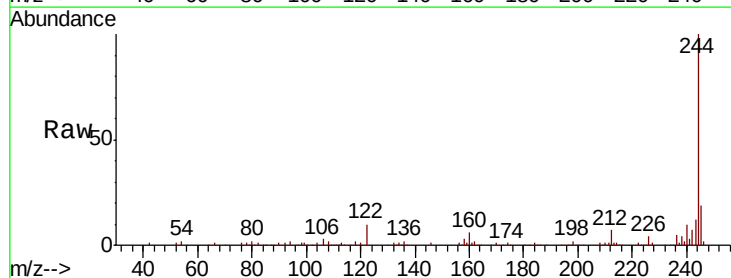
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

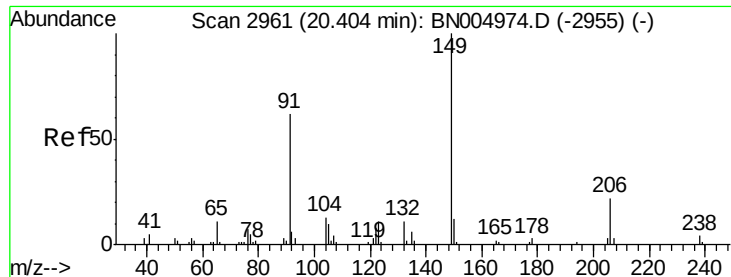
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.3  | 16.9  | 25.3  |
| 203     | 17.7  | 14.1  | 21.1  |



#79  
Terphenyl-d14  
Concen: 73.832 ng  
RT: 19.69 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.6   | 5.3   | 7.9   |
| 122     | 9.6   | 7.8   | 11.6  |

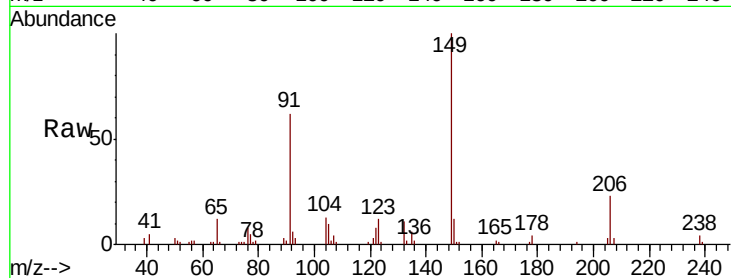




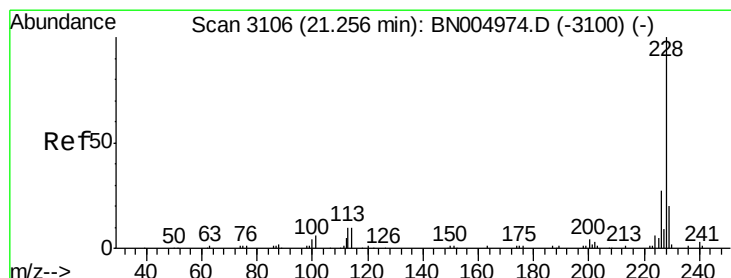
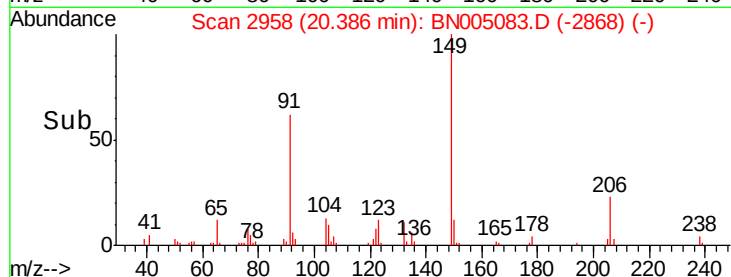
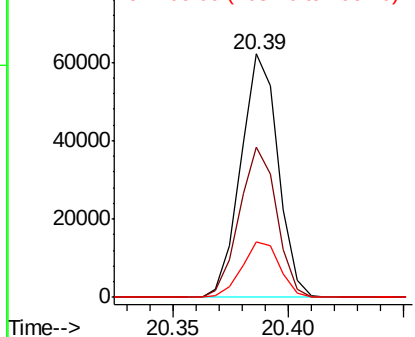
#80  
Butylbenzylphthalate  
Concen: 36.878 ng  
RT: 20.39 min Scan# 2958  
Delta R.T. -0.00 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDCCC040

Tot Ion:149 Resp: 69953  
Ion Ratio Lower Upper  
149 100  
91 61.8 49.6 74.4  
206 22.9 17.8 26.6

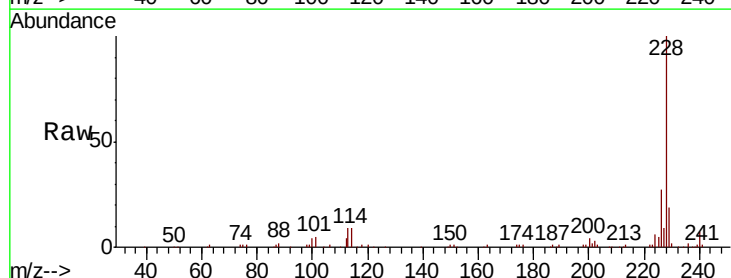


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BNO  
Ion 206.00 (205.70 to 206.70): E

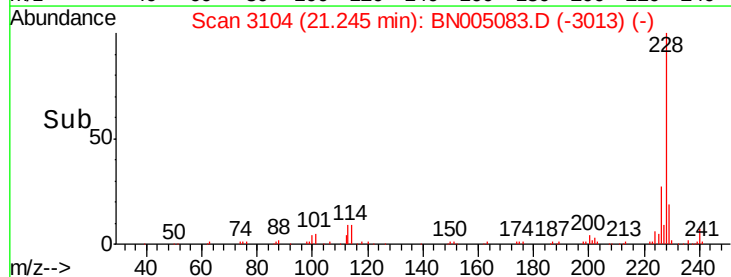
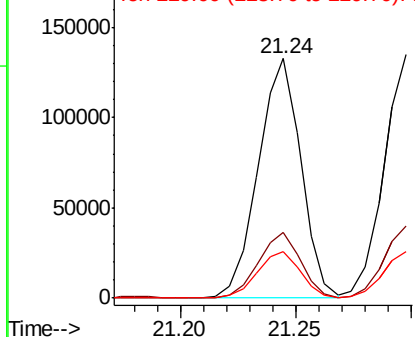


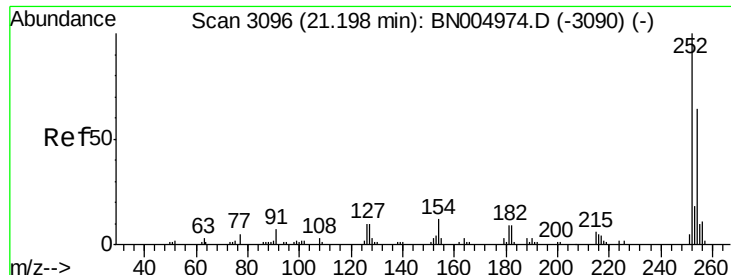
#81  
Benzo(a)anthracene  
Concen: 39.166 ng  
RT: 21.24 min Scan# 3104  
Delta R.T. 0.01 min  
Lab File: BN005083.D  
Acq: 04 Apr 2019 08:07

Tgt Ion:228 Resp: 170565  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.4 32.2  
229 19.5 15.9 23.9



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

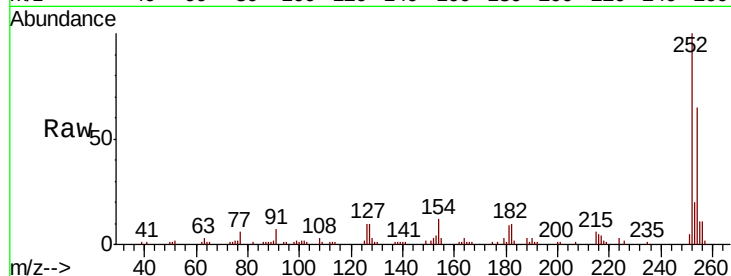




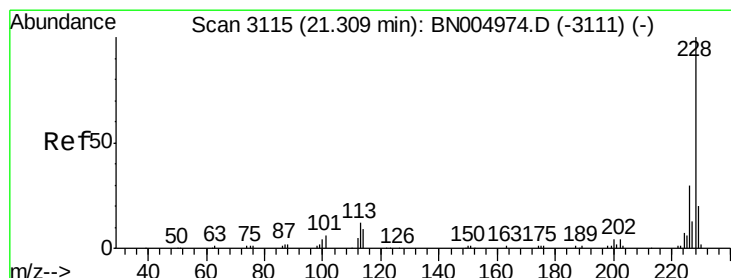
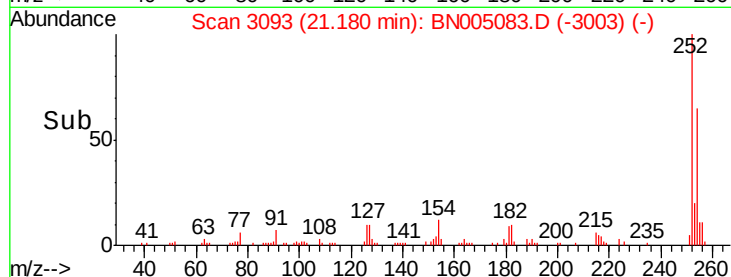
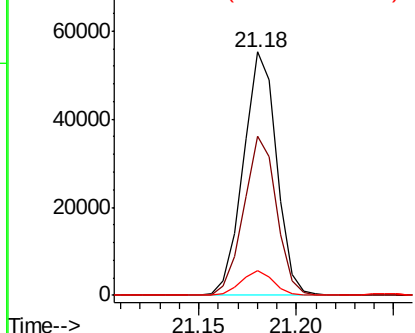
#82  
 3,3'-Dichlorobenzidine  
 Concen: 40.070 ng  
 RT: 21.18 min Scan# 3093  
 Delta R.T. -0.00 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:252 Resp: 65254  
 Ion Ratio Lower Upper  
 252 100  
 254 65.3 51.9 77.9  
 126 10.4 7.6 11.4

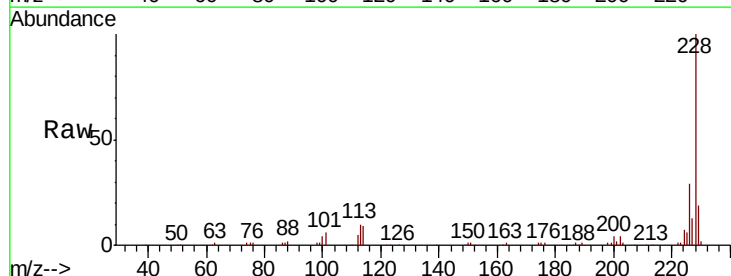


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

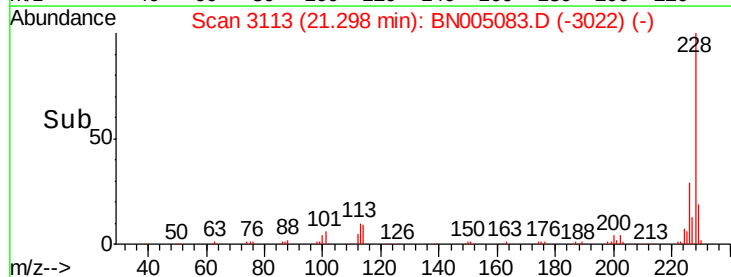
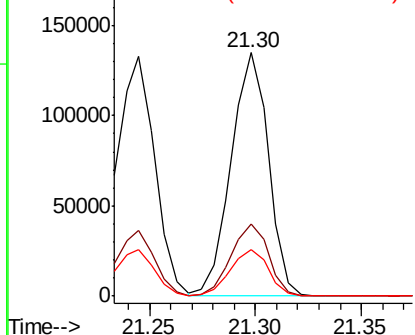


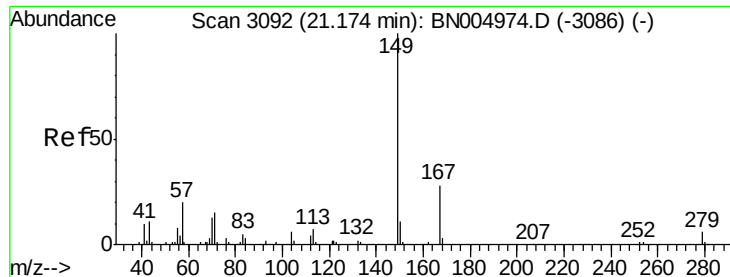
#83  
 Chrysene  
 Concen: 39.639 ng  
 RT: 21.30 min Scan# 3113  
 Delta R.T. 0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:228 Resp: 164886  
 Ion Ratio Lower Upper  
 228 100  
 226 29.4 23.9 35.9  
 229 19.3 15.8 23.8



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 39.673 ng

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

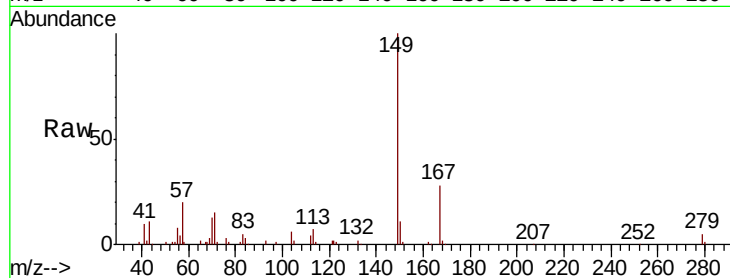
Tot Ion:149 Resp: 104123

Ion Ratio Lower Upper

149 100

167 28.4 22.2 33.2

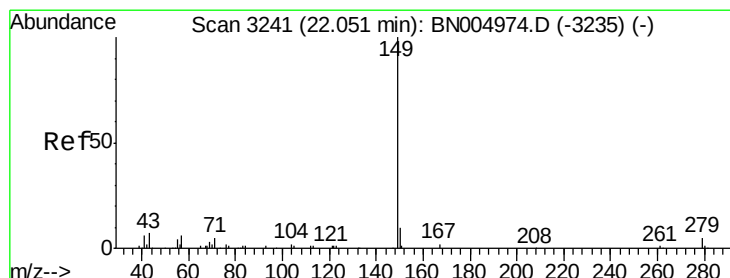
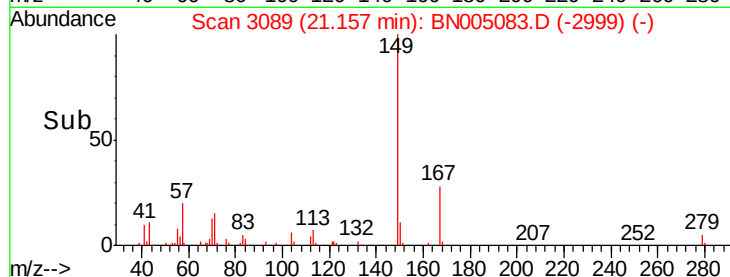
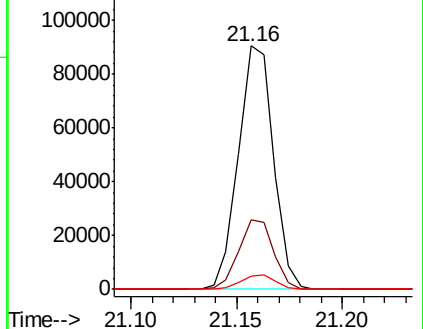
279 5.4 4.2 6.4



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



#85

Di-n-octyl phthalate

Concen: 42.286 ng

RT: 22.04 min Scan# 3239

Delta R.T. 0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

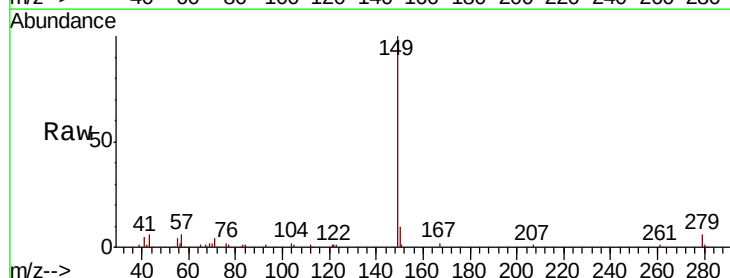
Tgt Ion:149 Resp: 179103

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

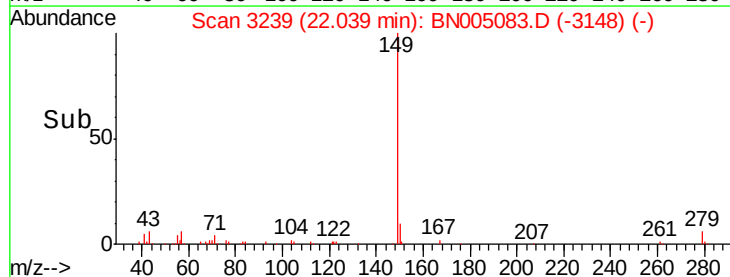
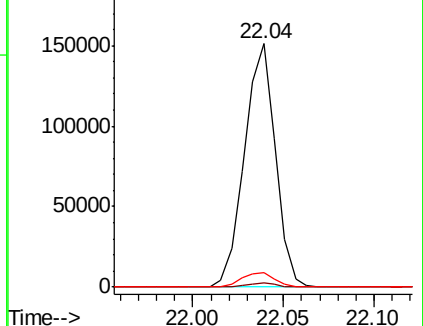
43 6.3 5.2 7.8

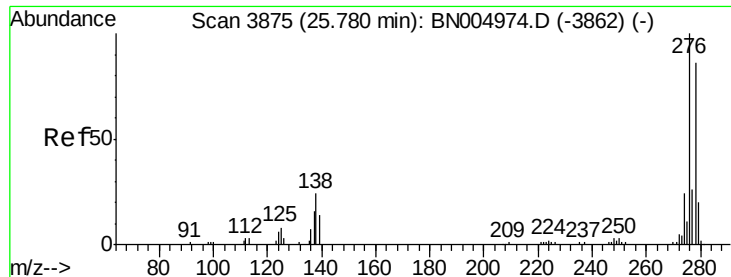


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNO





#86

Indeno(1,2,3-cd)pyrene

Concen: 40.848 ng

RT: 25.74 min Scan# 3869

Delta R.T. 0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

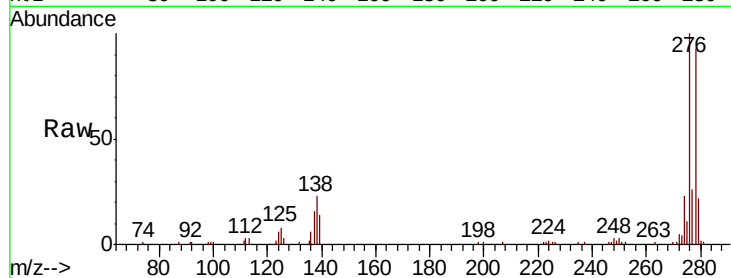
Tot Ion:276 Resp: 193040

Ion Ratio Lower Upper

276 100

138 22.6 18.4 27.6

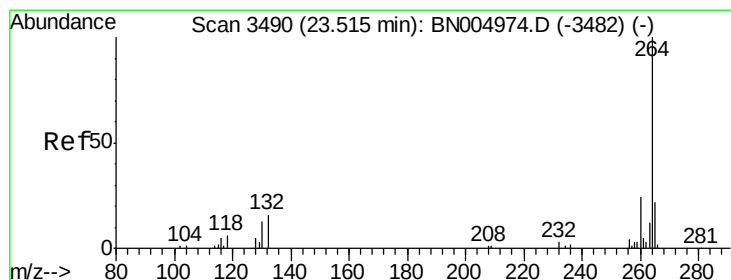
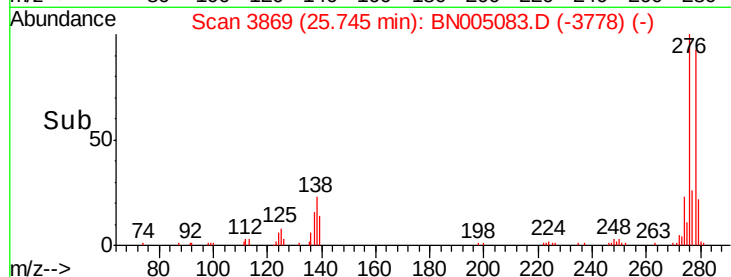
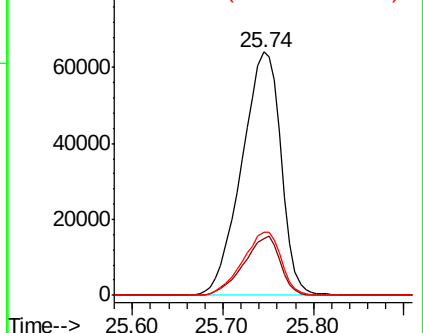
277 25.5 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.49 min Scan# 3485

Delta R.T. -0.00 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

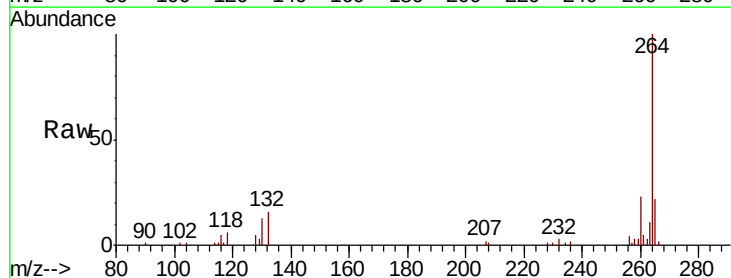
Tgt Ion:264 Resp: 74182

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

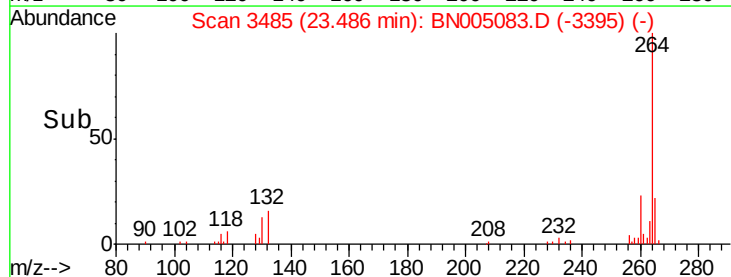
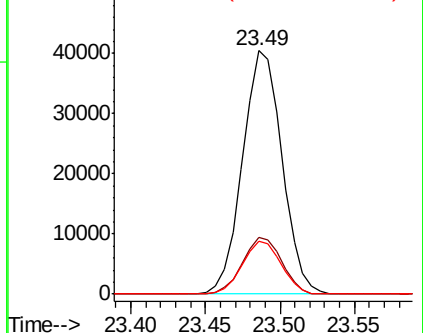
265 21.6 17.4 26.2

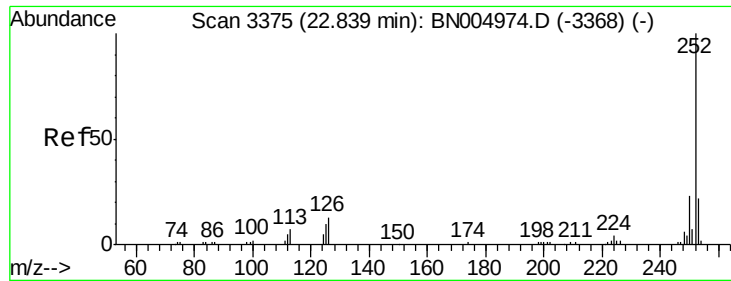


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

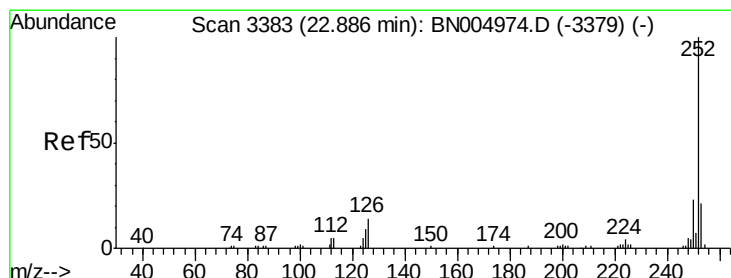
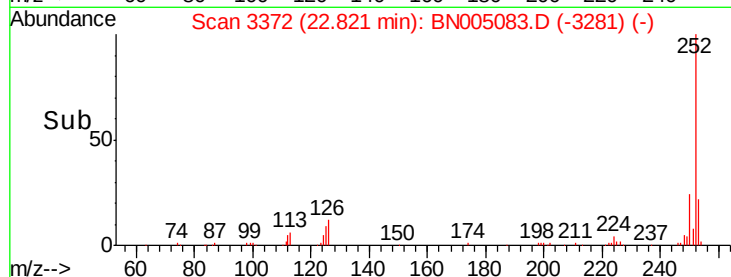
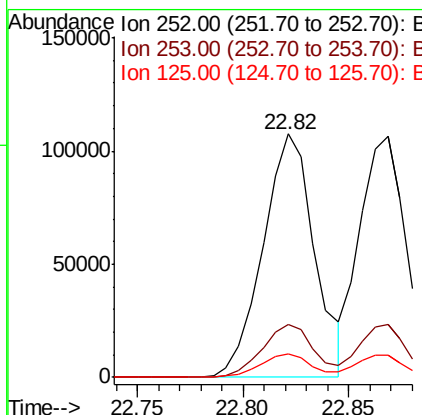
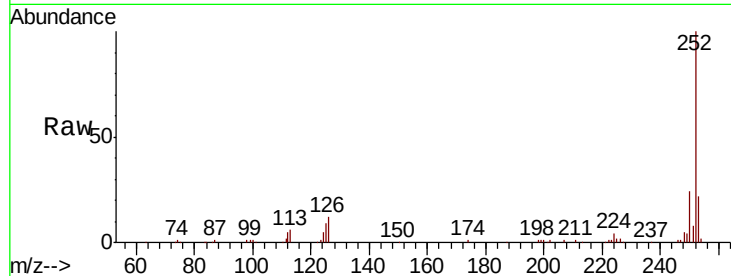




#88  
 Benzo(b)fluoranthene  
 Concen: 40.028 ng  
 RT: 22.82 min Scan# 3372  
 Delta R.T. 0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

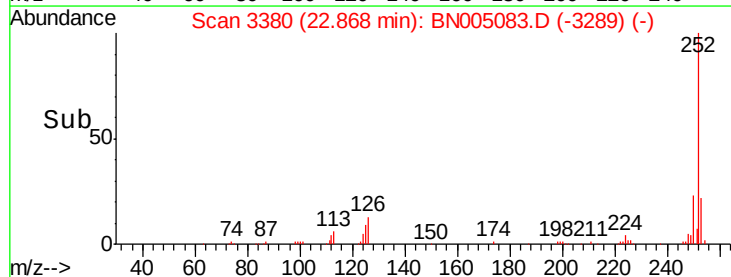
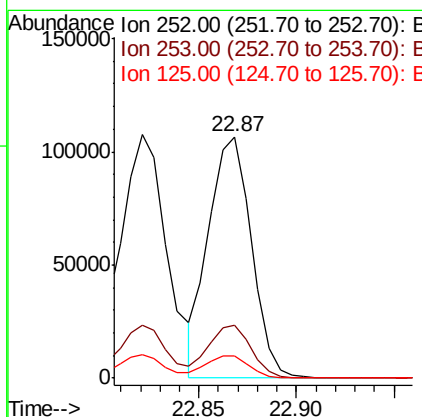
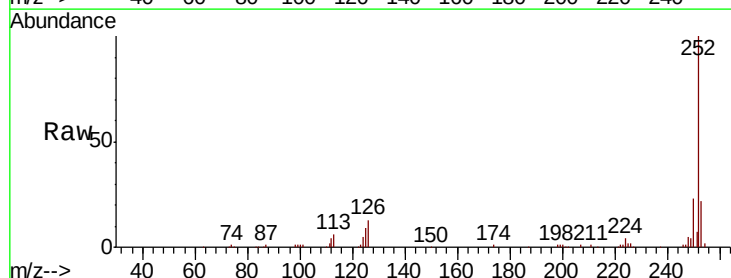
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDCCC040

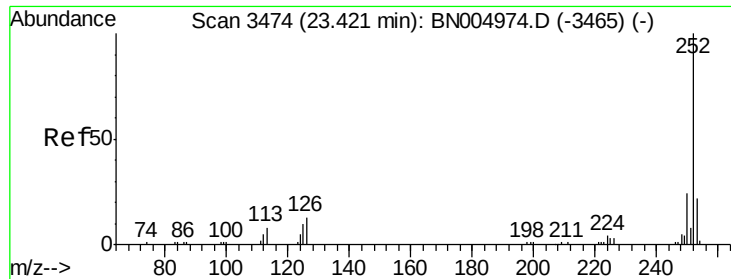
Tot Ion:252 Resp: 182772  
 Ion Ratio Lower Upper  
 252 100  
 253 22.0 17.4 26.2  
 125 9.5 7.4 11.0



#89  
 Benzo(k)fluoranthene  
 Concen: 38.927 ng  
 RT: 22.87 min Scan# 3380  
 Delta R.T. 0.01 min  
 Lab File: BN005083.D  
 Acq: 04 Apr 2019 08:07

Tgt Ion:252 Resp: 162995  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.6 26.4  
 125 9.2 7.2 10.8





#90

Benzo(a)pyrene

Concen: 39.043 ng

RT: 23.40 min Scan# 3470

Delta R.T. 0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

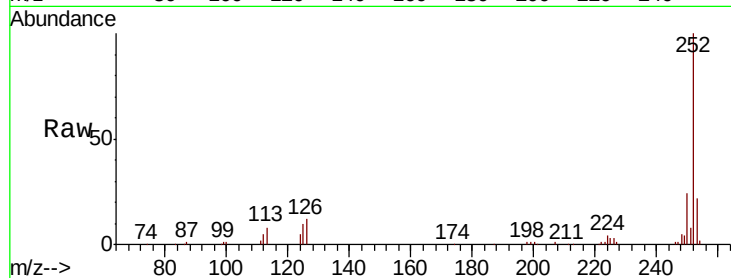
Tot Ion:252 Resp: 163140

Ion Ratio Lower Upper

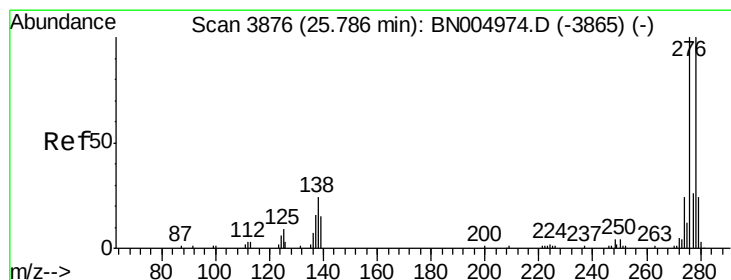
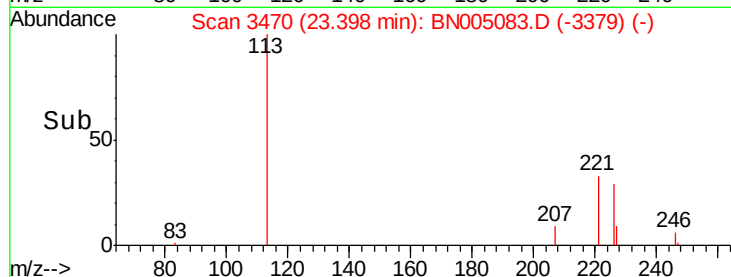
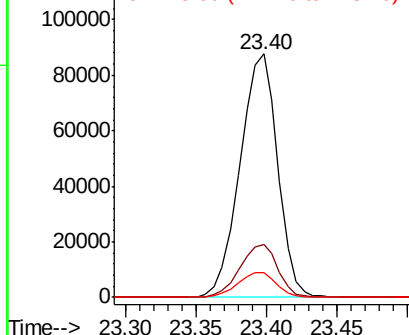
252 100

253 22.0 17.5 26.3

125 10.1 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 38.083 ng

RT: 25.75 min Scan# 3870

Delta R.T. 0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

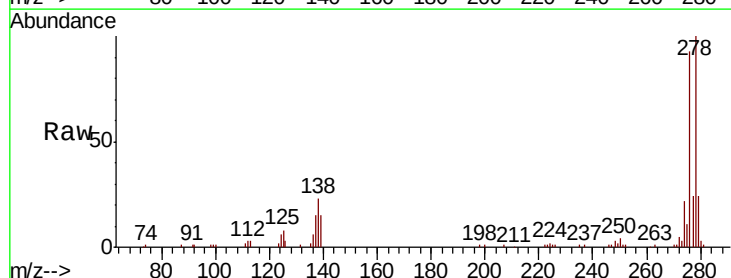
Tgt Ion:278 Resp: 159754

Ion Ratio Lower Upper

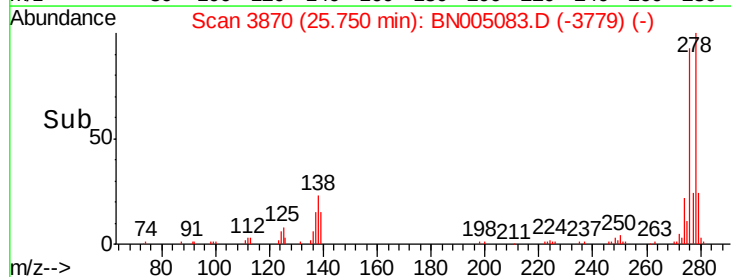
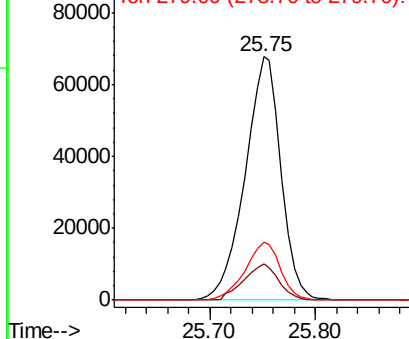
278 100

139 15.0 11.8 17.8

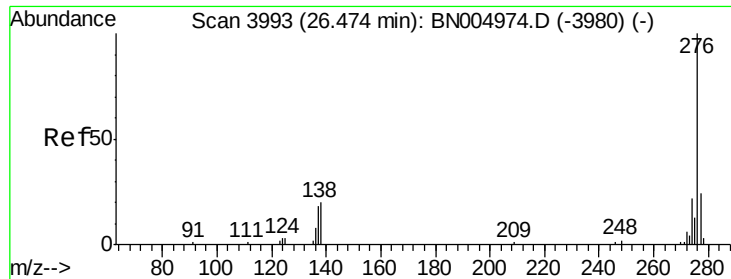
279 23.8 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E







#92

Benzo(a,h,i)perylene

Concen: 36.764 ng

RT: 26.43 min Scan# 3986

Delta R.T. 0.01 min

Lab File: BN005083.D

Acq: 04 Apr 2019 08:07

Instrument :

BNA\_N

ClientSampleId :

SSTDCCC040

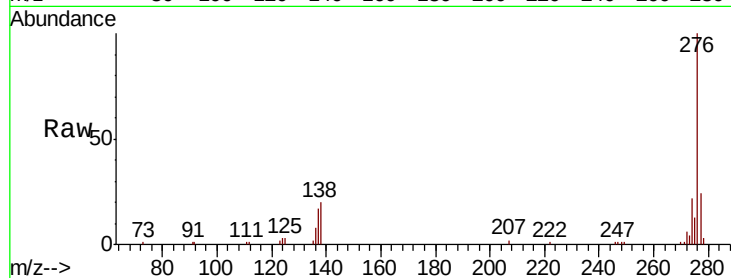
Tot Ion:276 Resp: 152517

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 19.8 15.5 23.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

