

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111218\  
 Data File : BN003503.D  
 Acq On : 12 Nov 2018 11:58  
 Operator : MJ/SJ  
 Sample : SSTDICCC040  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICCC040

Quant Time: Nov 12 15:41:50 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN111218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Nov 12 15:37:14 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 112125   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.65 | 136  | 508956   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.49 | 164  | 297547   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.23 | 188  | 657280   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.40 | 240  | 547196   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.72 | 264  | 503032   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.41  | 112 | 506176  | 81.42 | ng | 0.00 |
| 7) Phenol-d6             | 7.00  | 99  | 700637  | 81.26 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.02  | 82  | 666695  | 82.46 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.97 | 330 | 377520  | 85.11 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.10 | 172 | 1797192 | 80.62 | ng | 0.00 |
| 79) Terphenyl-d14        | 19.85 | 244 | 2286847 | 82.28 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.33  | 88  | 95152  | 39.598 | ng | 100    |
| 3) Pyridine                    | 3.72  | 79  | 289766 | 40.338 | ng | 100    |
| 4) n-Nitrosodimethylamine      | 3.65  | 42  | 88326  | 41.864 | ng | 100    |
| 6) Aniline                     | 7.18  | 93  | 434660 | 40.793 | ng | 100    |
| 8) 2-Chlorophenol              | 7.41  | 128 | 318913 | 40.528 | ng | 100    |
| 9) Benzaldehyde                | 7.00  | 77  | 241209 | 40.876 | ng | 100    |
| 10) Phenol                     | 7.03  | 94  | 377297 | 40.558 | ng | 100    |
| 11) bis(2-Chloroethyl)ether    | 7.28  | 93  | 297753 | 40.370 | ng | 100    |
| 12) 1,3-Dichlorobenzene        | 7.73  | 146 | 356821 | 40.191 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 7.88  | 146 | 364978 | 40.225 | ng | 100    |
| 14) 1,2-Dichlorobenzene        | 8.20  | 146 | 350347 | 39.921 | ng | 100    |
| 15) Benzyl Alcohol             | 8.09  | 79  | 259977 | 41.791 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.36  | 45  | 378263 | 40.122 | ng | 100    |
| 17) 2-Methylphenol             | 8.28  | 107 | 261260 | 40.701 | ng | 100    |
| 18) Hexachloroethane           | 8.92  | 117 | 121118 | 41.014 | ng | 100    |
| 19) n-Nitroso-di-n-propylamine | 8.66  | 70  | 232750 | 40.898 | ng | 100    |
| 20) 3+4-Methylphenols          | 8.61  | 107 | 366029 | 40.947 | ng | 100    |
| 22) Acetophenone               | 8.68  | 105 | 472495 | 40.718 | ng | 100    |
| 24) Nitrobenzene               | 9.06  | 77  | 340558 | 41.044 | ng | 100    |
| 25) Isophorone                 | 9.57  | 82  | 567775 | 41.815 | ng | 100    |
| 26) 2-Nitrophenol              | 9.76  | 139 | 193645 | 41.049 | ng | 100    |
| 27) 2,4-Dimethylphenol         | 9.81  | 122 | 277030 | 41.086 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.06 | 93  | 396874 | 40.710 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.29 | 162 | 328580 | 41.416 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 10.50 | 180 | 364811 | 40.345 | ng | 100    |
| 31) Naphthalene                | 10.70 | 128 | 993021 | 40.082 | ng | 100    |
| 32) Benzoic acid               | 9.96  | 122 | 235440 | 41.025 | ng | 100    |
| 33) 4-Chloroaniline            | 10.81 | 127 | 451988 | 40.889 | ng | 100    |
| 34) Hexachlorobutadiene        | 10.96 | 225 | 219890 | 40.610 | ng | 100    |
| 35) Caprolactam                | 11.62 | 113 | 114096 | 40.784 | ng | 100    |
| 36) 4-Chloro-3-methylphenol    | 11.92 | 107 | 339035 | 41.457 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.30 | 142 | 714897 | 40.404 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.52 | 142 | 691026 | 40.321 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.67 | 216 | 432700 | 40.455 | ng | 100    |

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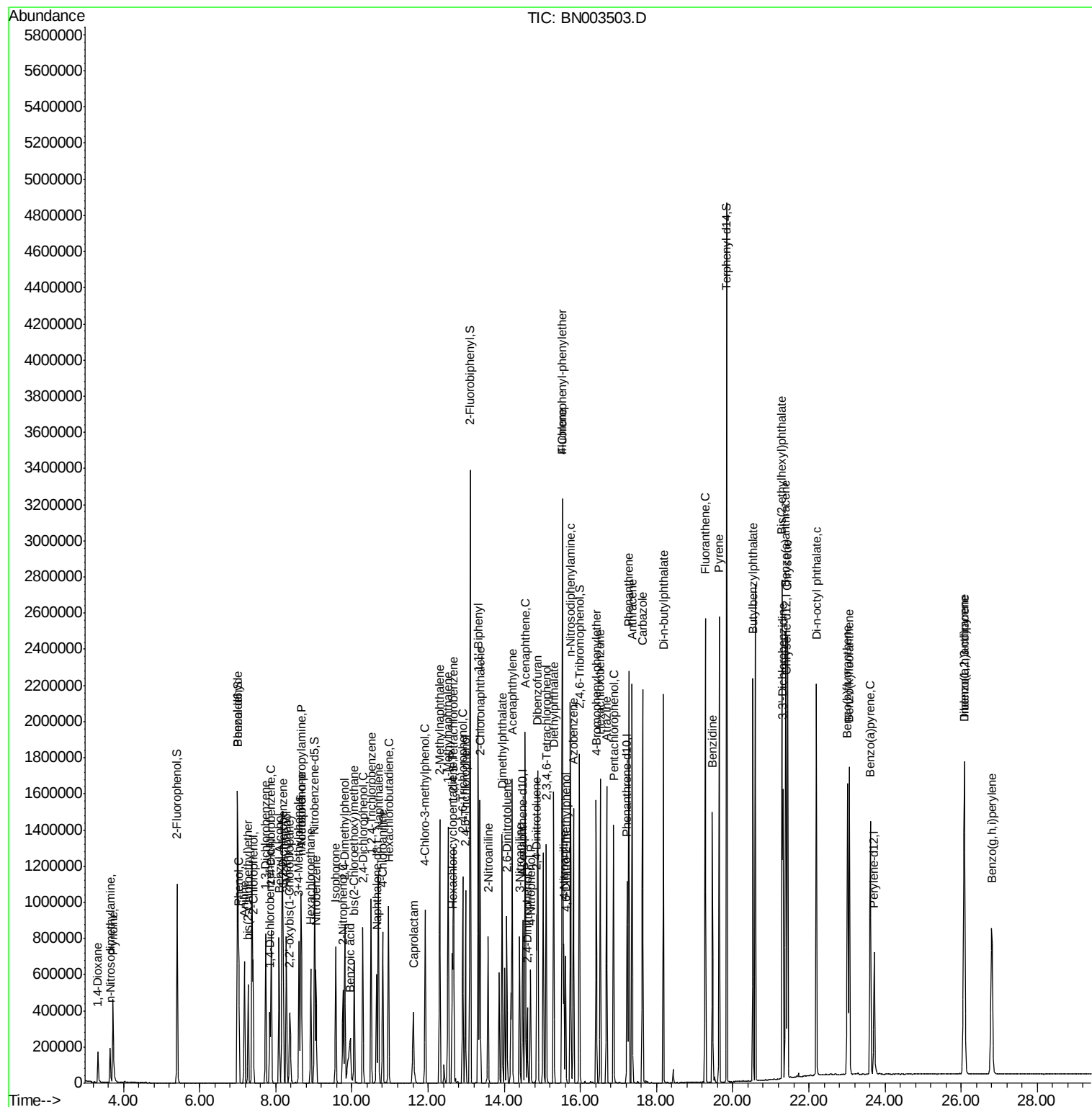
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.64 | 237  | 208717   | 41.121 | nq    | 100      |
| 43) 2,4,6-Trichlorophenol      | 12.91 | 196  | 280953   | 42.304 | nq    | 100      |
| 44) 2,4,5-Trichlorophenol      | 12.98 | 196  | 295630   | 41.730 | nq    | 100      |
| 46) 1,1'-Biphenyl              | 13.32 | 154  | 1065210  | 40.420 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.36 | 162  | 801954   | 40.446 | nq    | 100      |
| 48) 2-Nitroaniline             | 13.57 | 65   | 201873   | 40.862 | nq    | 100      |
| 49) Acenaphthylene             | 14.21 | 152  | 1198282  | 40.965 | nq    | 100      |
| 50) Dimethylphthalate          | 13.95 | 163  | 953726   | 40.915 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.07 | 165  | 219413   | 41.775 | nq    | 100      |
| 52) Acenaphthene               | 14.55 | 154  | 717508   | 40.445 | nq    | 100      |
| 53) 3-Nitroaniline             | 14.40 | 138  | 237151   | 40.771 | nq    | 100      |
| 54) 2,4-Dinitrophenol          | 14.60 | 184  | 101760   | 41.520 | nq    | 100      |
| 55) Dibenzofuran               | 14.88 | 168  | 1179756  | 40.370 | nq    | 100      |
| 56) 4-Nitrophenol              | 14.69 | 139  | 182560   | 41.078 | nq    | 100      |
| 57) 2,4-Dinitrotoluene         | 14.86 | 165  | 300613   | 40.877 | nq    | 100      |
| 58) Fluorene                   | 15.53 | 166  | 873939   | 40.472 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.10 | 232  | 269610   | 42.168 | nq    | 100      |
| 60) Diethylphthalate           | 15.30 | 149  | 976446   | 39.591 | nq    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.52 | 204  | 512343   | 40.302 | nq    | 100      |
| 62) 4-Nitroaniline             | 15.57 | 138  | 240394   | 41.183 | nq    | 100      |
| 63) Azobenzene                 | 15.82 | 77   | 817790   | 41.322 | nq    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.61 | 198  | 172667   | 41.270 | nq    | 100      |
| 66) n-Nitrosodiphenylamine     | 15.75 | 169  | 841642   | 40.427 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.42 | 248  | 337164   | 40.668 | nq    | 100      |
| 68) Hexachlorobenzene          | 16.52 | 284  | 385596   | 39.961 | nq    | 100      |
| 69) Atrazine                   | 16.69 | 200  | 314993   | 41.978 | nq    | 100      |
| 70) Pentachlorophenol          | 16.87 | 266  | 263940   | 41.041 | nq    | 100      |
| 71) Phenanthrene               | 17.27 | 178  | 1377920  | 40.129 | nq    | 100      |
| 72) Anthracene                 | 17.36 | 178  | 1370935  | 40.847 | nq    | 100      |
| 73) Carbazole                  | 17.63 | 167  | 1361113  | 41.322 | nq    | 100      |
| 74) Di-n-butylphthalate        | 18.18 | 149  | 1585863  | 42.590 | nq    | 100      |
| 75) Fluoranthene               | 19.28 | 202  | 1501056  | 41.440 | nq    | 100      |
| 77) Benzidine                  | 19.47 | 184  | 809941   | 42.800 | nq    | 100      |
| 78) Pyrene                     | 19.65 | 202  | 1528734  | 41.388 | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.53 | 149  | 650042   | 41.063 | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.39 | 228  | 1258356  | 40.427 | nq    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.32 | 252  | 533015   | 41.088 | nq    | 100      |
| 83) Chrysene                   | 21.44 | 228  | 1211146  | 40.683 | nq    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.30 | 149  | 952189   | 41.478 | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.20 | 149  | 1420975  | 41.677 | nq    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 26.08 | 276  | 1285231  | 40.895 | nq    | 100      |
| 88) Benzo(b)fluoranthene       | 23.02 | 252  | 1144469  | 40.865 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 23.06 | 252  | 1136635  | 40.785 | nq    | 100      |
| 90) Benzo(a)pyrene             | 23.62 | 252  | 1063135  | 40.970 | nq    | 100      |
| 91) Dibenzo(a,h)anthracene     | 26.09 | 278  | 1087441  | 41.153 | nq    | 100      |
| 92) Benzo(g,h,i)perylene       | 26.80 | 276  | 1055225  | 41.065 | nq    | 100      |

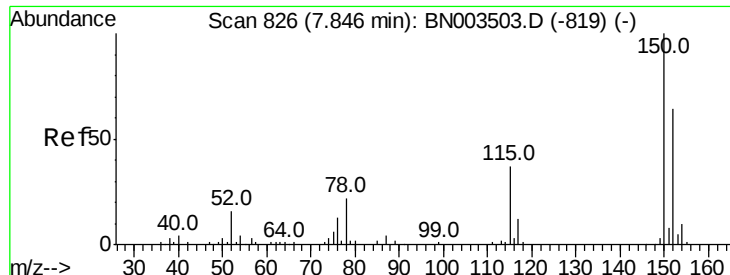
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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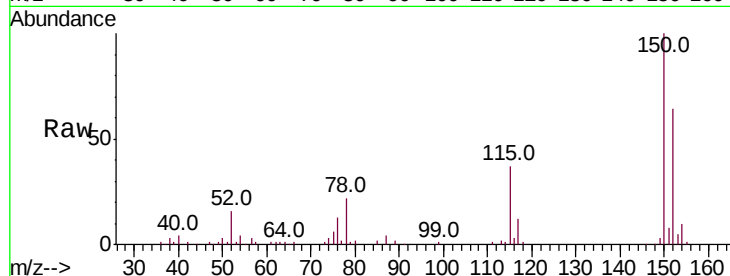


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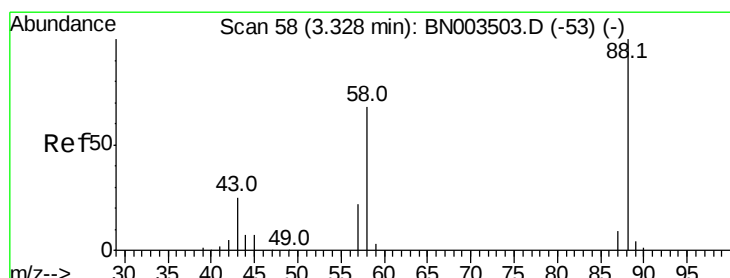
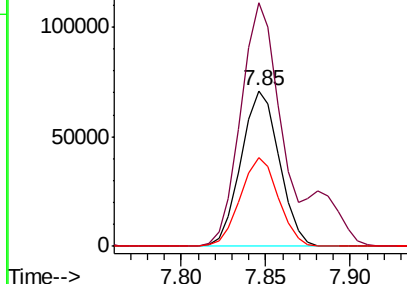
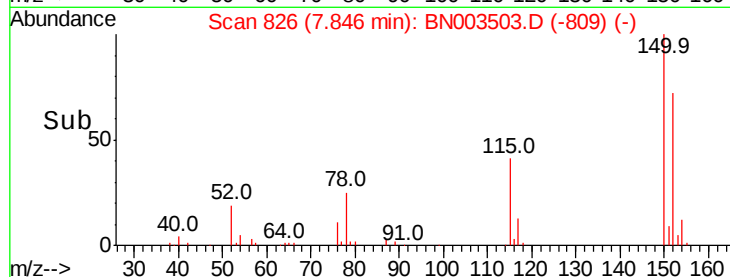
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.85 min Scan# 826  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

Tot Ion:152 Resp: 112125  
Ion Ratio Lower Upper  
152 100  
150 156.7 125.4 188.0  
115 57.4 45.9 68.9



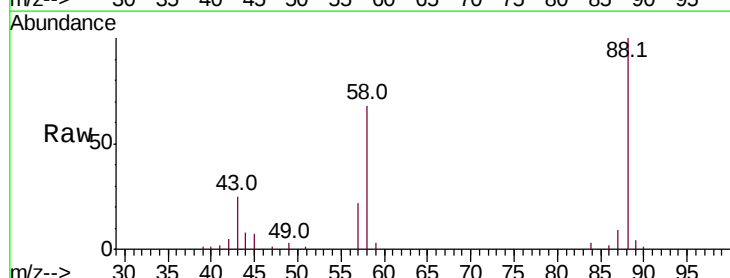
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



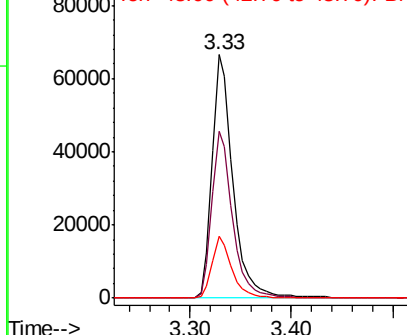
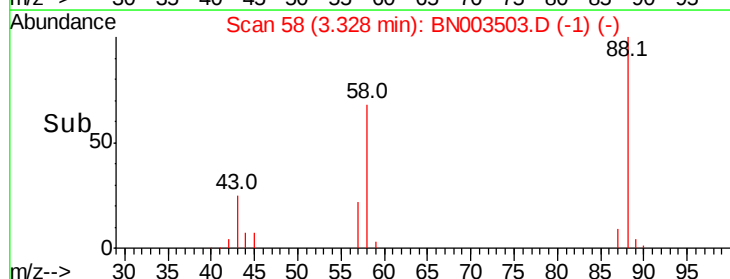
#2

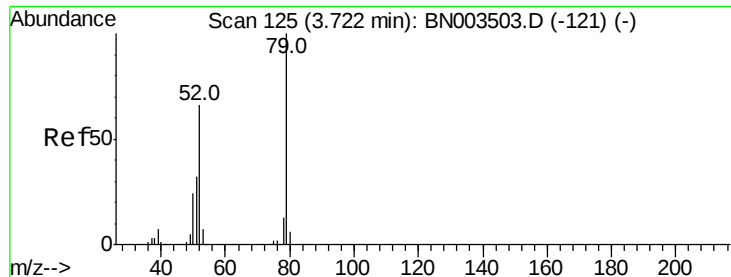
1,4-Dioxane  
Concen: 39.598 ng  
RT: 3.33 min Scan# 58  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion: 88 Resp: 95152  
Ion Ratio Lower Upper  
88 100  
58 67.7 54.2 81.2  
43 23.8 19.0 28.6



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



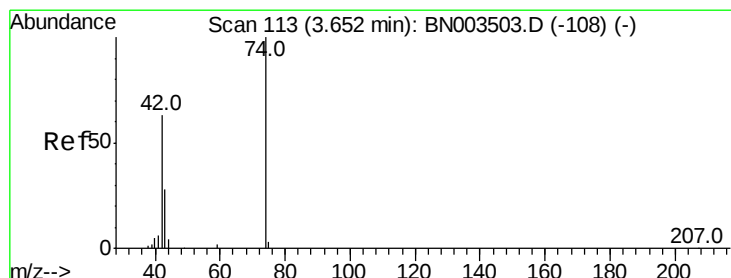
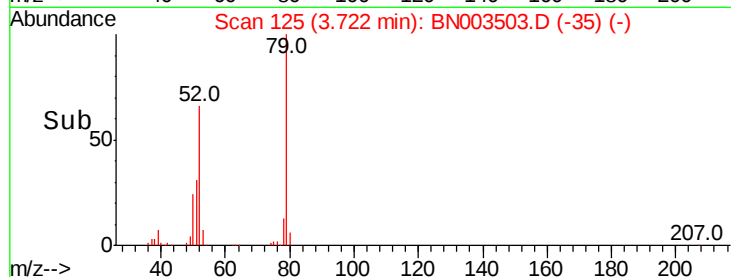
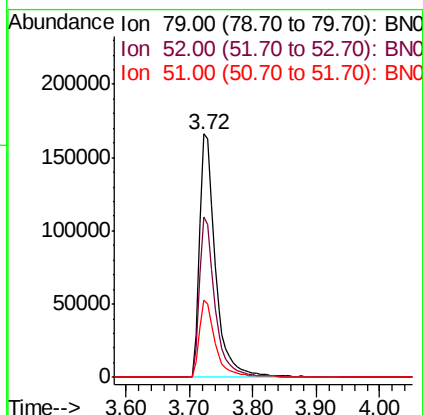
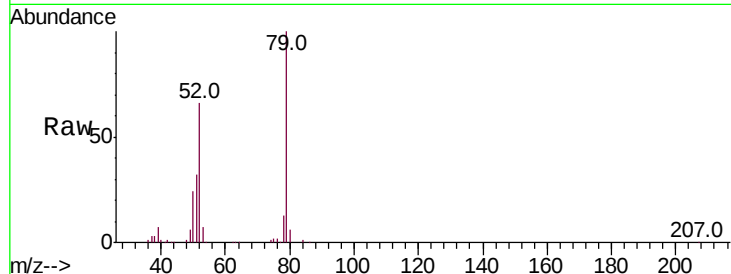


#3  
 Pvridine  
 Concen: 40.338 ng  
 RT: 3.72 min Scan# 125  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

Tot Ion: 79 Resp: 289766  

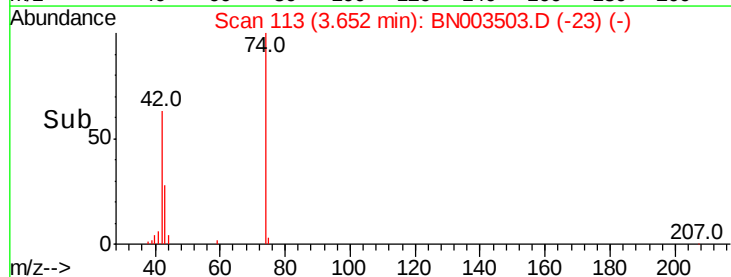
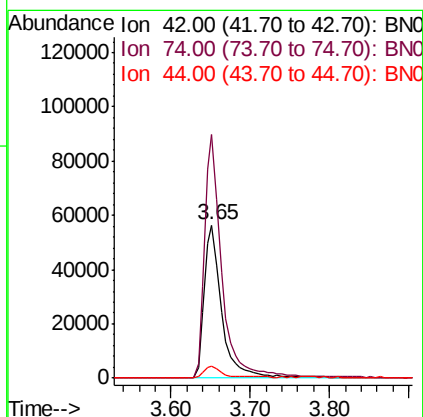
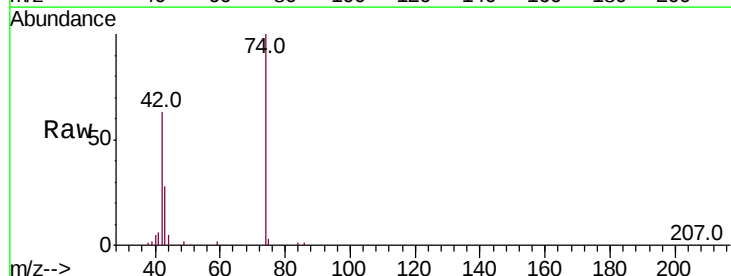
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 52  | 65.7  | 52.6  | 78.8  |
| 51  | 31.9  | 25.5  | 38.3  |

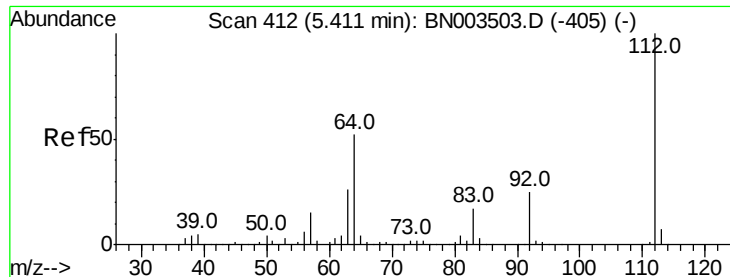


#4  
 n-Nitrosodimethylamine  
 Concen: 41.864 ng  
 RT: 3.65 min Scan# 113  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Tgt Ion: 42 Resp: 88326  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 74  | 159.1 | 127.3 | 190.9 |
| 44  | 7.4   | 5.9   | 8.9   |





#5

2-Fluorophenol

Concen: 81.420 ng

RT: 5.41 min Scan# 412

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

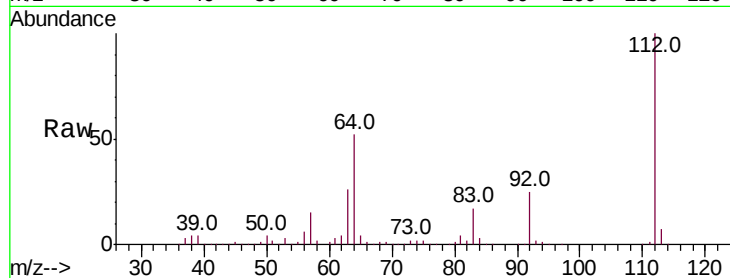
Tot Ion:112 Resp: 506176

Ion Ratio Lower Upper

112 100

64 51.8 41.4 62.2

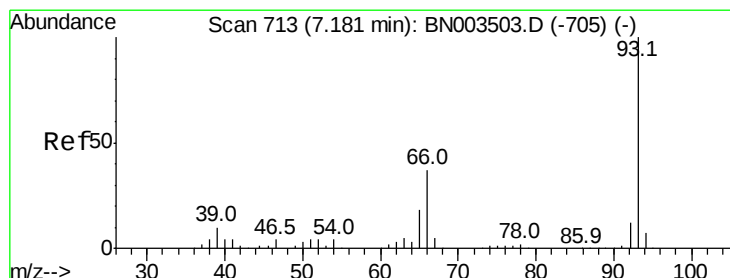
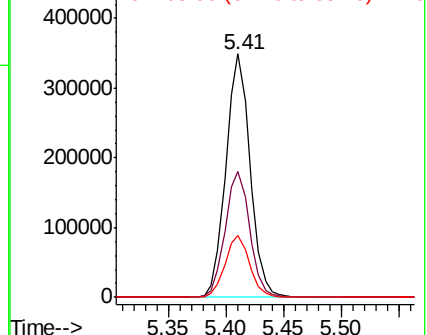
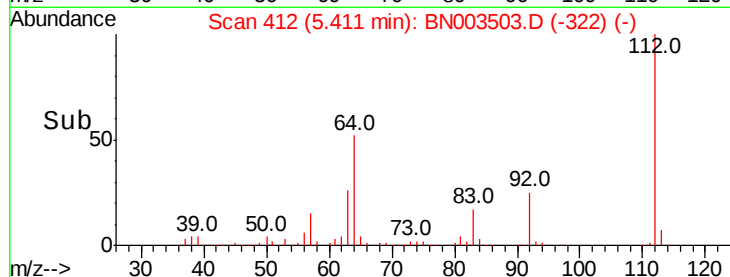
63 25.6 20.5 30.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#6

Aniline

Concen: 40.793 ng

RT: 7.18 min Scan# 713

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

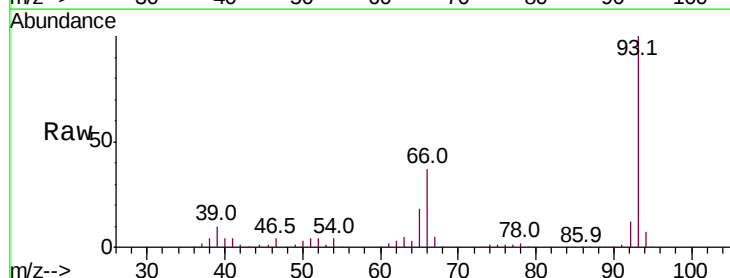
Tgt Ion: 93 Resp: 434660

Ion Ratio Lower Upper

93 100

66 37.0 29.6 44.4

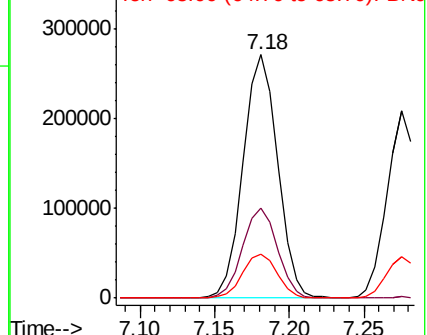
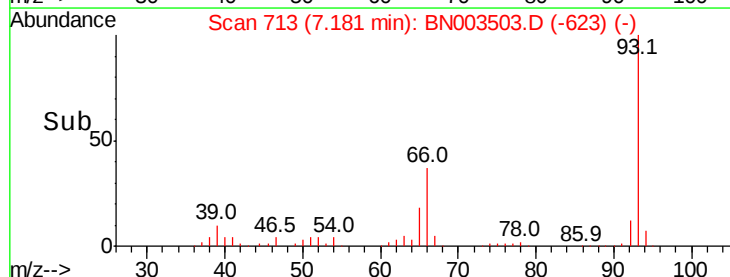
65 18.1 14.5 21.7

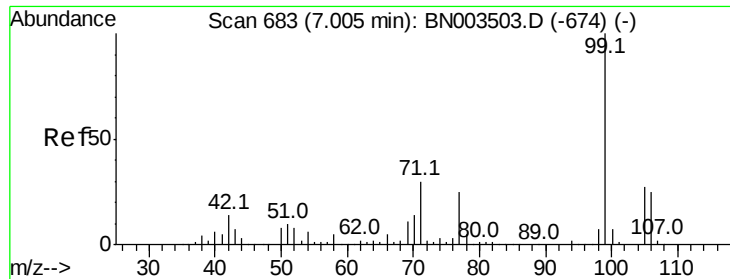


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 66.00 (65.70 to 66.70): BNC

Ion 65.00 (64.70 to 65.70): BNC





#7

Phenol-d6

Concen: 81.262 ng

RT: 7.00 min Scan# 683

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

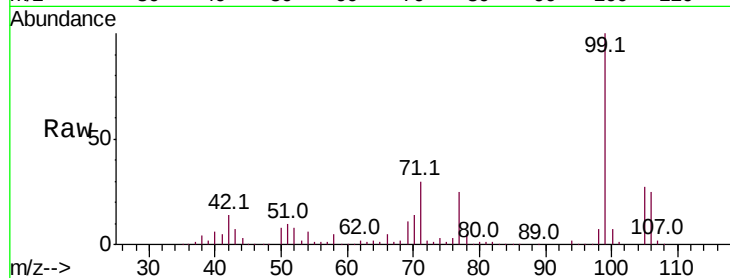
Tot Ion: 99 Resp: 700637

Ion Ratio Lower Upper

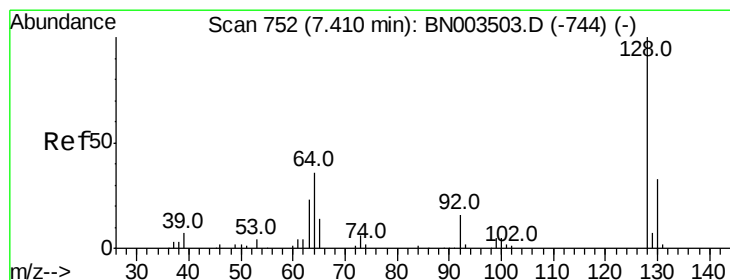
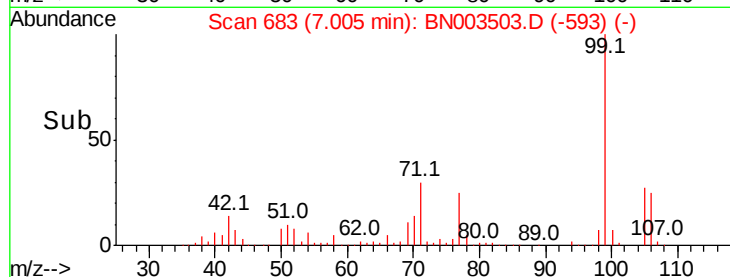
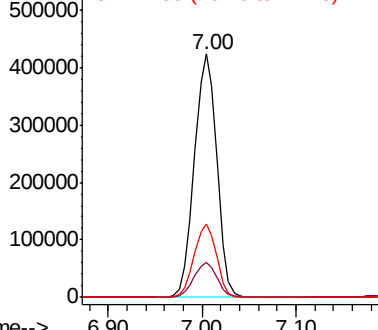
99 100

42 14.5 11.6 17.4

71 30.2 24.2 36.2



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



#8

2-Chlorophenol

Concen: 40.528 ng

RT: 7.41 min Scan# 752

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

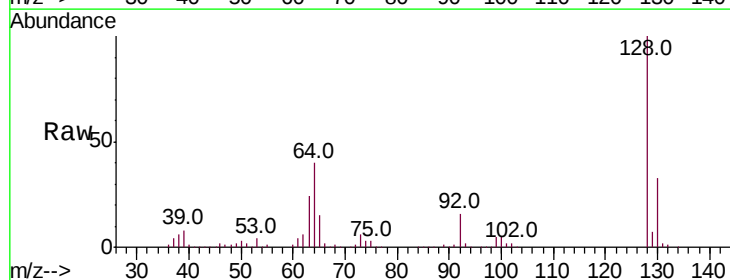
Tgt Ion:128 Resp: 318913

Ion Ratio Lower Upper

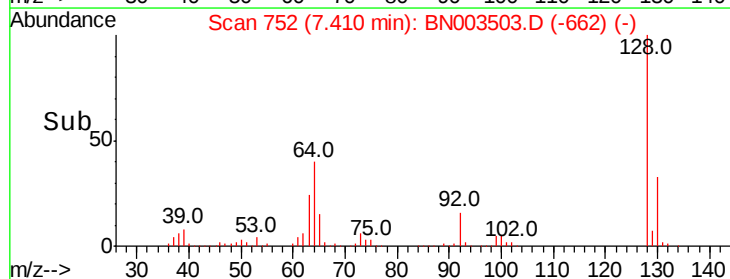
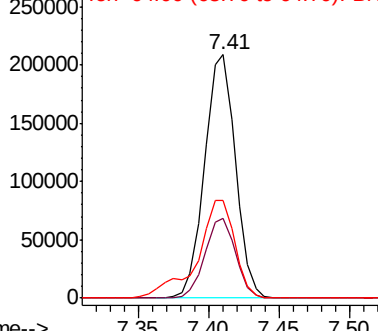
128 100

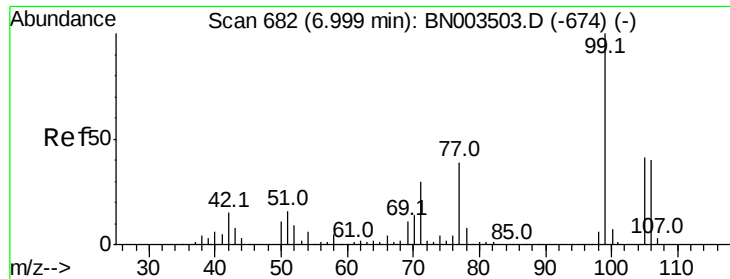
130 32.9 12.9 52.9

64 40.2 20.2 60.2



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

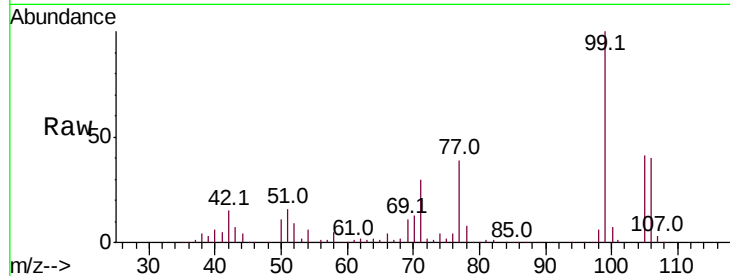




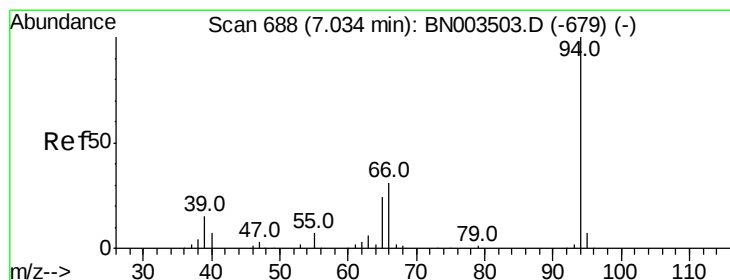
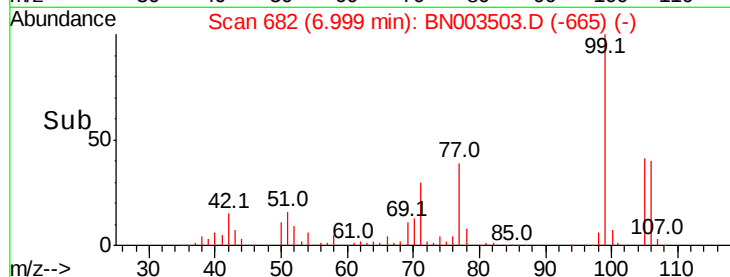
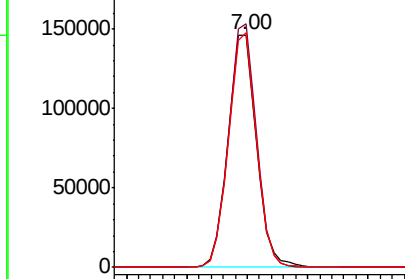
#9  
Benzaldehyde  
Concen: 40.876 ng  
RT: 7.00 min Scan# 682  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

Tot Ion: 77 Resp: 241209  
Ion Ratio Lower Upper  
77 100  
105 104.7 84.7 124.7  
106 101.0 81.0 121.0

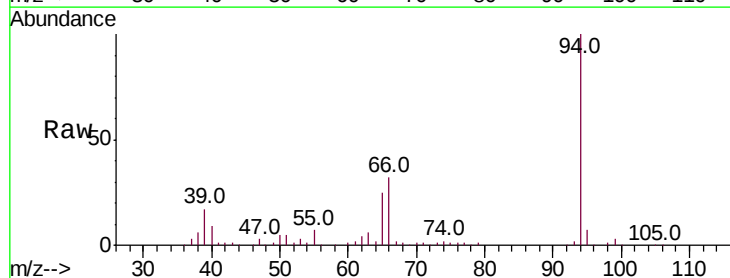


Abundance Ion 77.00 (76.70 to 77.70): BNC  
Ion 105.00 (104.70 to 105.70): BNC  
Ion 106.00 (105.70 to 106.70): BNC

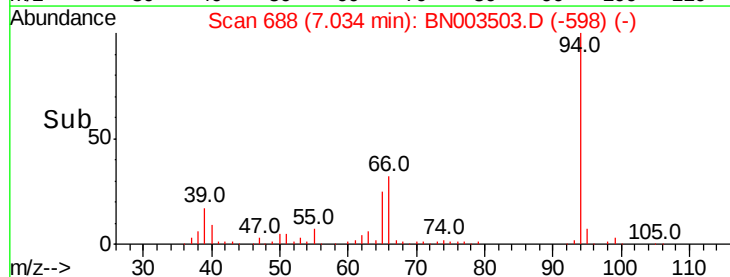
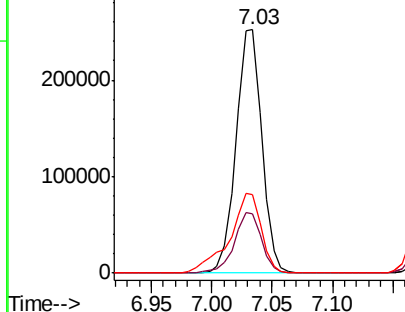


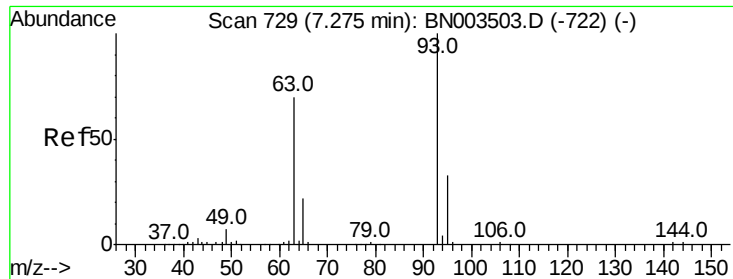
#10  
Phenol  
Concen: 40.558 ng  
RT: 7.03 min Scan# 688  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion: 94 Resp: 377297  
Ion Ratio Lower Upper  
94 100  
65 24.5 4.5 44.5  
66 32.0 12.0 52.0



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

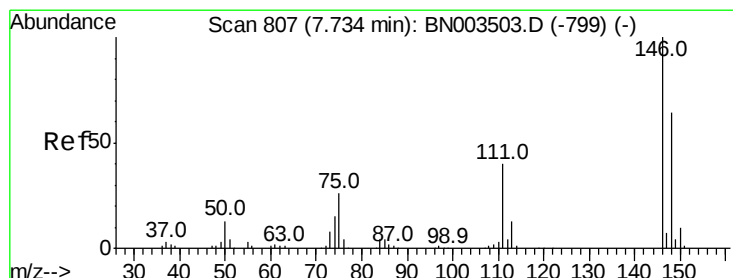
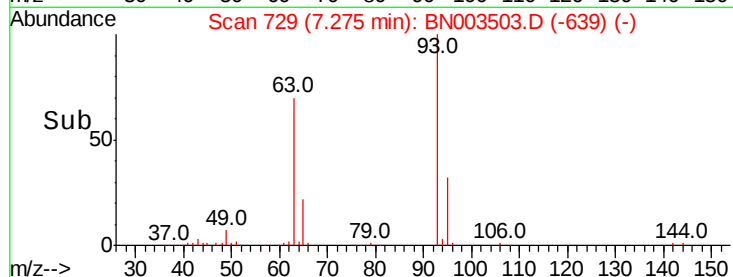
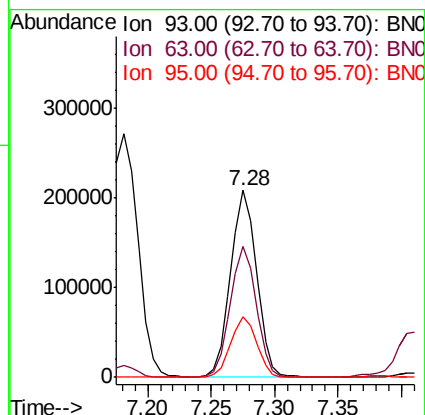
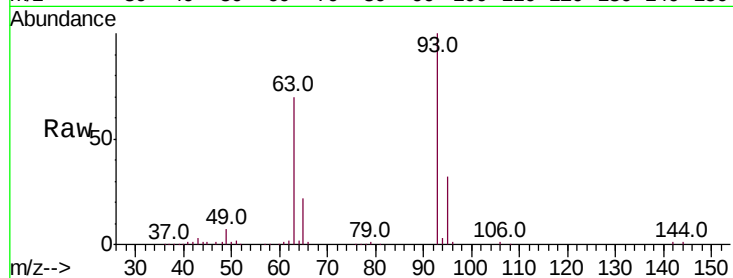




#11  
bis(2-Chloroethyl)ether  
Concen: 40.370 ng  
RT: 7.28 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

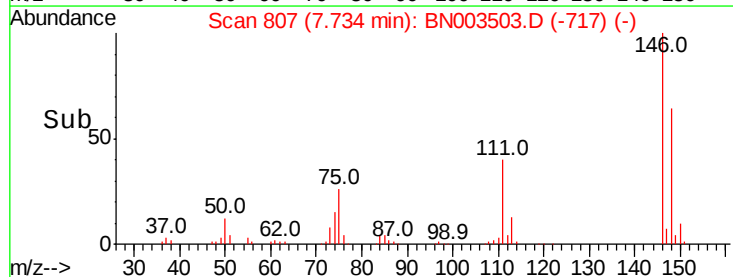
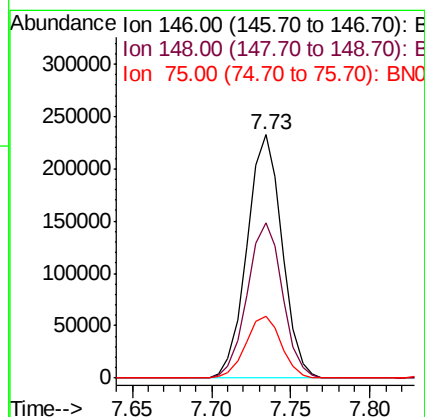
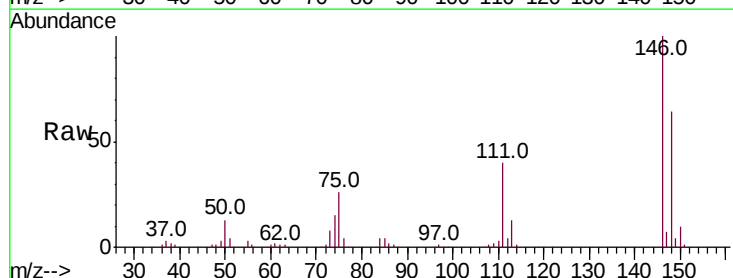
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

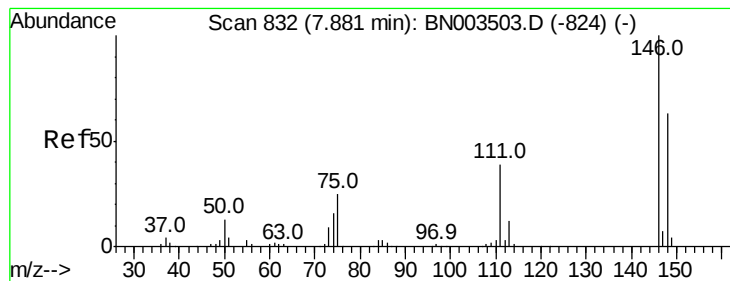
Tot Ion: 93 Resp: 297753  
Ion Ratio Lower Upper  
93 100  
63 69.9 49.9 89.9  
95 32.4 12.4 52.4



#12  
1,3-Dichlorobenzene  
Concen: 40.191 ng  
RT: 7.73 min Scan# 807  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion: 146 Resp: 356821  
Ion Ratio Lower Upper  
146 100  
148 64.0 51.2 76.8  
75 25.6 20.5 30.7





#13

1,4-Dichlorobenzene

Concen: 40.225 ng

RT: 7.88 min Scan# 832

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

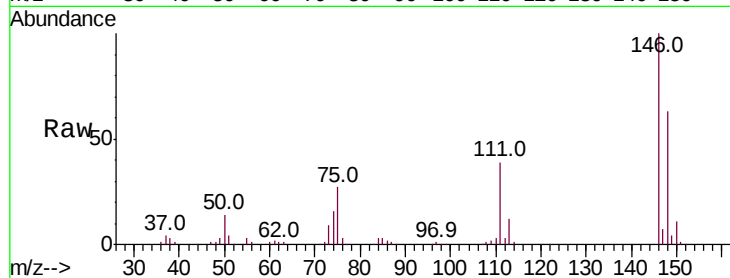
Tot Ion:146 Resp: 364978

Ion Ratio Lower Upper

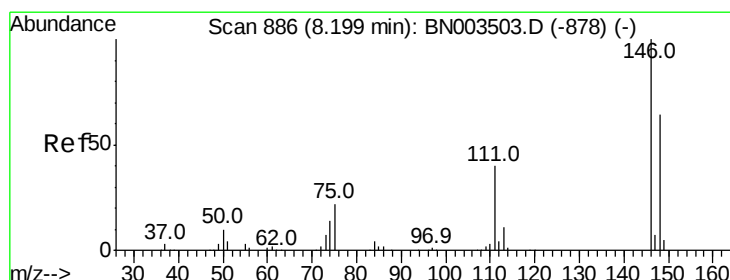
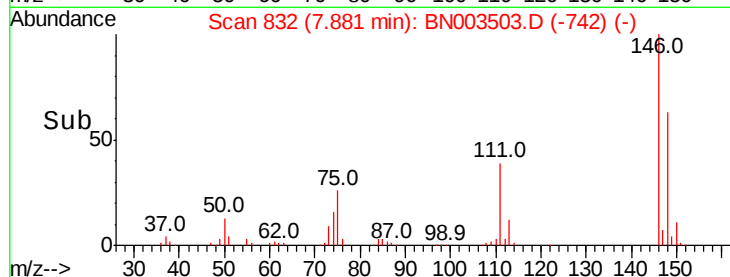
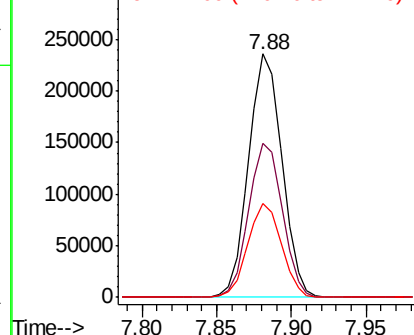
146 100

148 63.5 50.8 76.2

111 38.8 31.0 46.6



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



#14

1,2-Dichlorobenzene

Concen: 39.921 ng

RT: 8.20 min Scan# 886

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

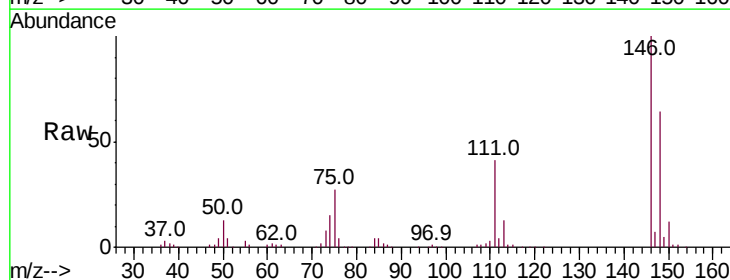
Tgt Ion:146 Resp: 350347

Ion Ratio Lower Upper

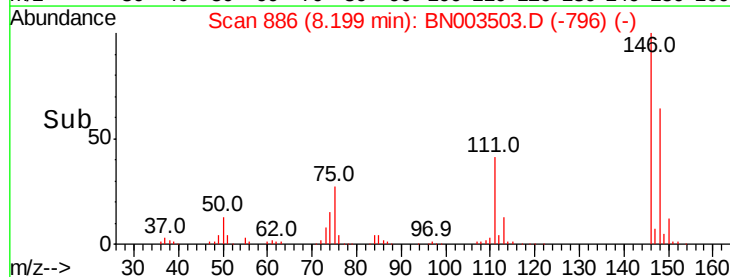
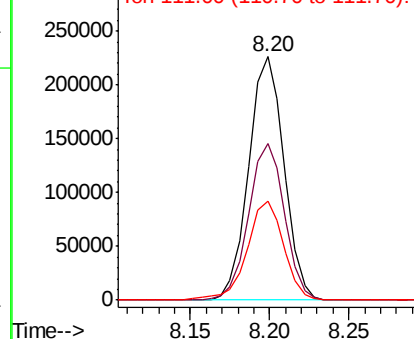
146 100

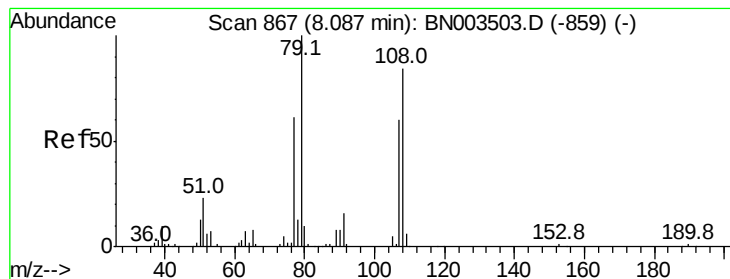
148 64.2 51.4 77.0

111 40.7 32.6 48.8



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





#15

Benzyl Alcohol

Concen: 41.791 ng

RT: 8.09 min Scan# 867

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

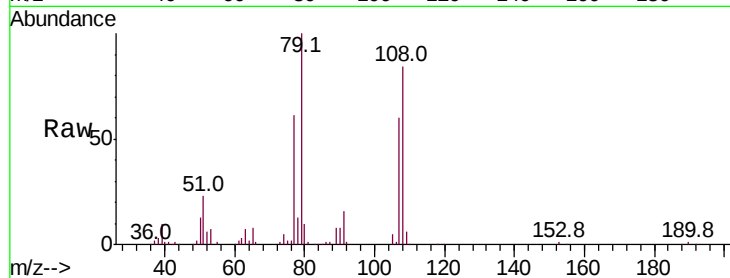
Tot Ion: 79 Resp: 259977

Ion Ratio Lower Upper

79 100

108 84.1 67.3 100.9

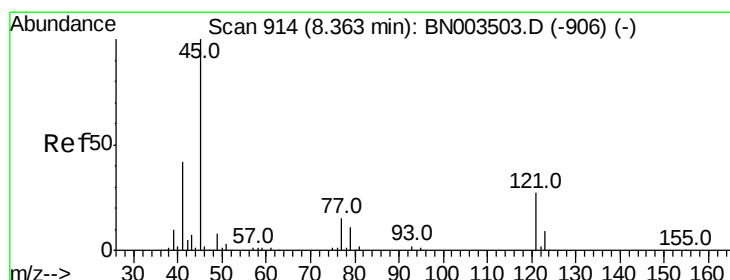
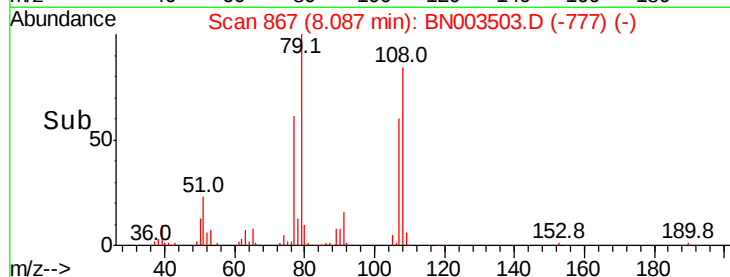
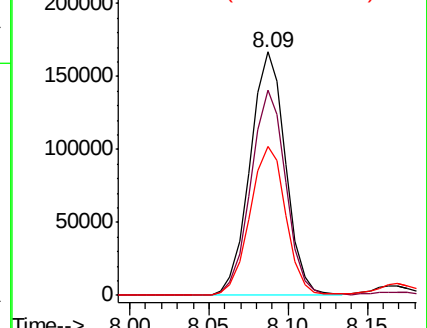
77 61.3 49.0 73.6



Abundance Ion 79.00 (78.70 to 79.70): BNC

Ion 108.00 (107.70 to 108.70): BNC

Ion 77.00 (76.70 to 77.70): BNC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.122 ng

RT: 8.36 min Scan# 914

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

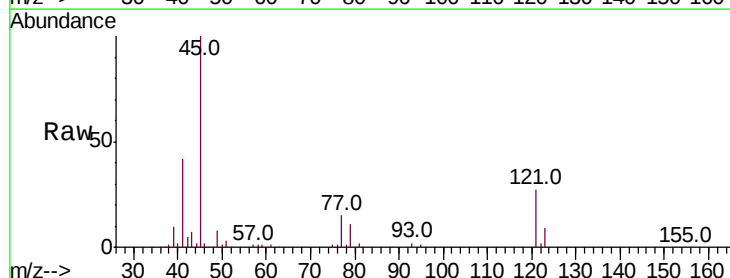
Tgt Ion: 45 Resp: 378263

Ion Ratio Lower Upper

45 100

77 15.1 0.0 35.1

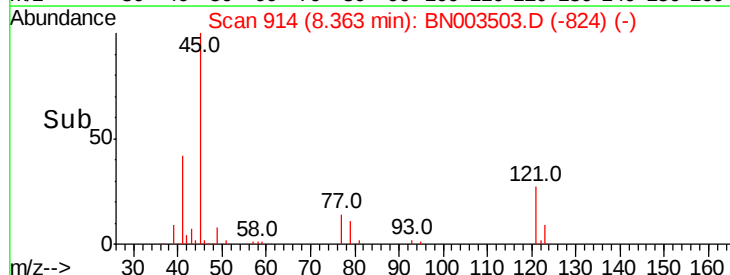
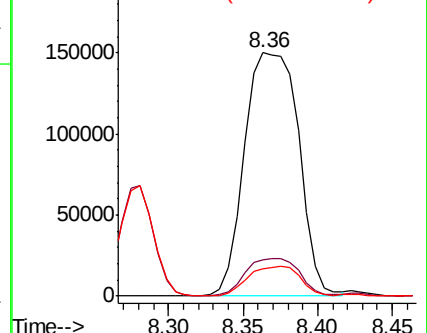
79 11.4 0.0 31.4

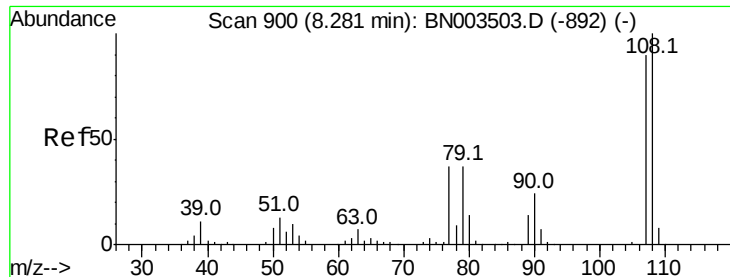


Abundance Ion 45.00 (44.70 to 45.70): BNC

Ion 77.00 (76.70 to 77.70): BNC

Ion 79.00 (78.70 to 79.70): BNC

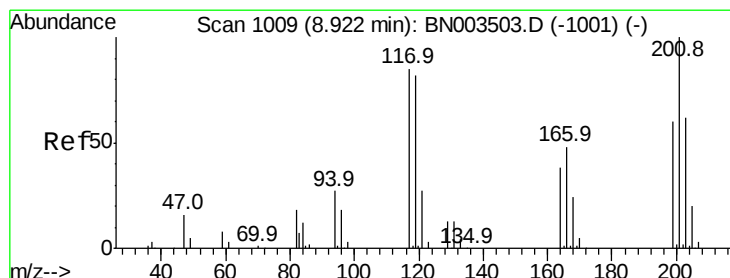
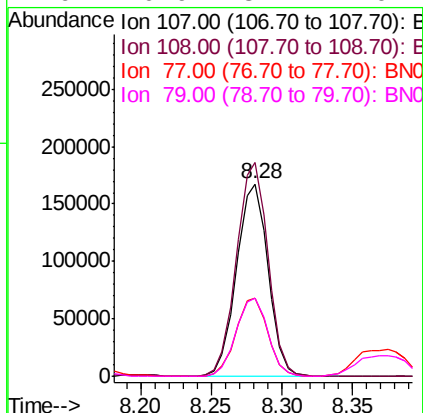
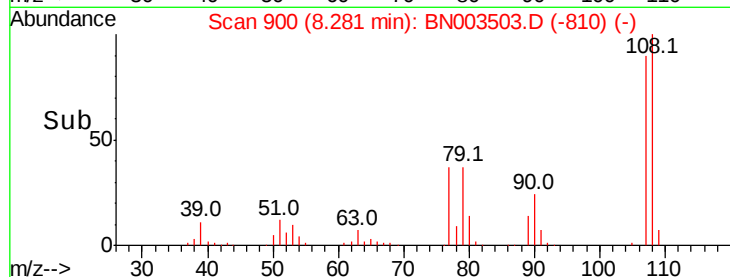
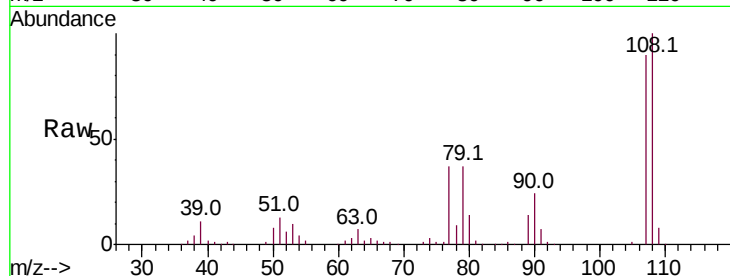




#17  
2-Methylphenol  
Concen: 40.701 ng  
RT: 8.28 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

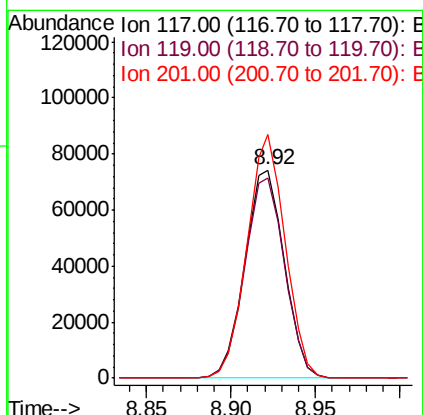
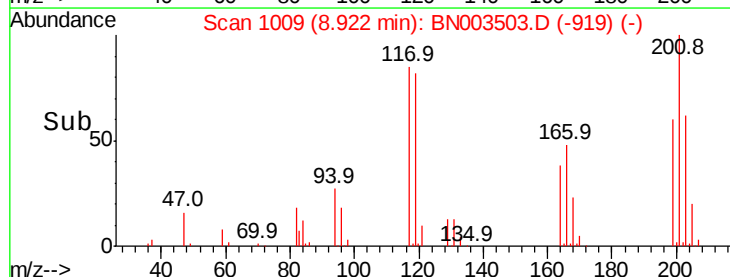
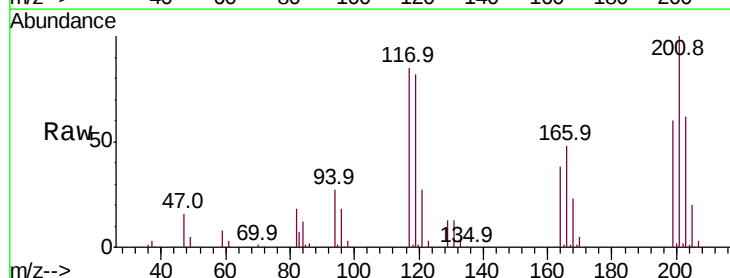
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

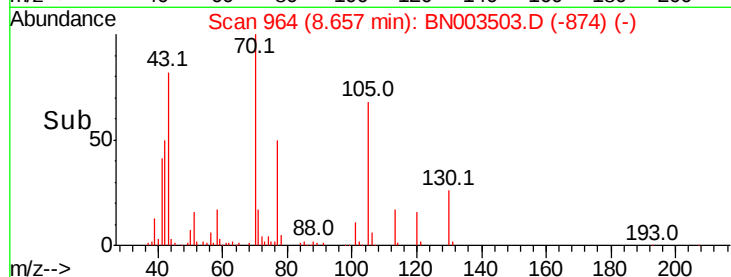
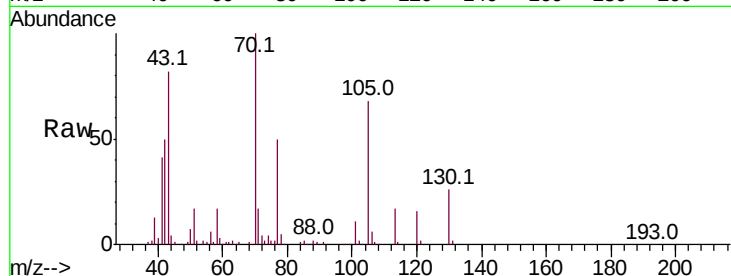
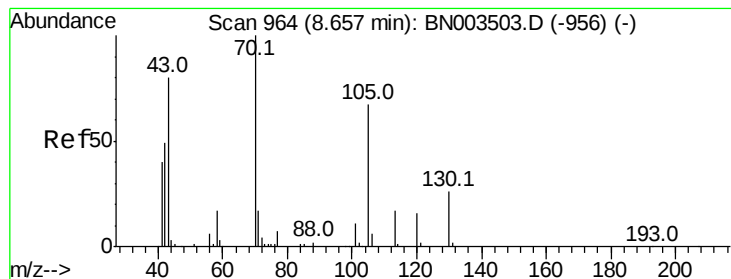
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 111.2 | 89.0  | 133.4 |
| 77      | 40.8  | 32.6  | 49.0  |
| 79      | 40.9  | 32.7  | 49.1  |



#18  
Hexachloroethane  
Concen: 41.014 ng  
RT: 8.92 min Scan# 1009  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.4  | 77.1  | 115.7 |
| 201     | 117.0 | 93.6  | 140.4 |





#19

n-Nitroso-di-n-propylamine

Concen: 40.898 ng

RT: 8.66 min Scan# 964

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

Tot Ion: 70 Resp: 232750

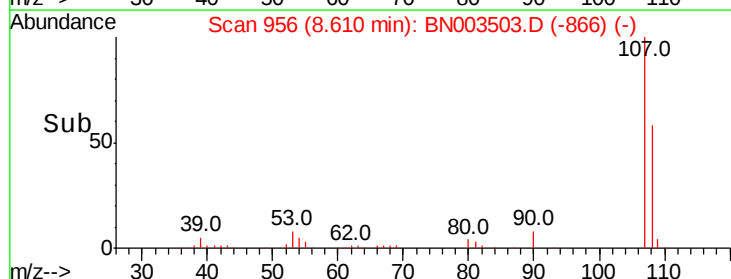
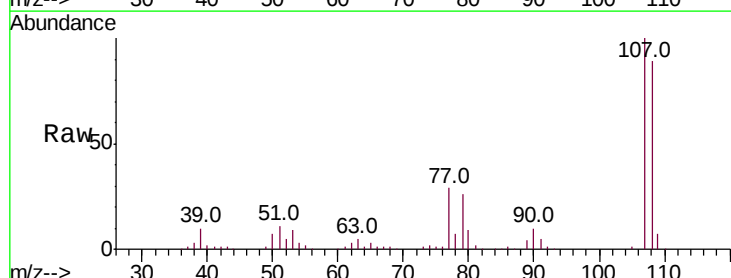
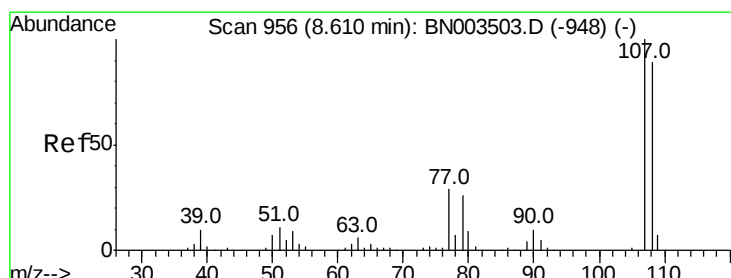
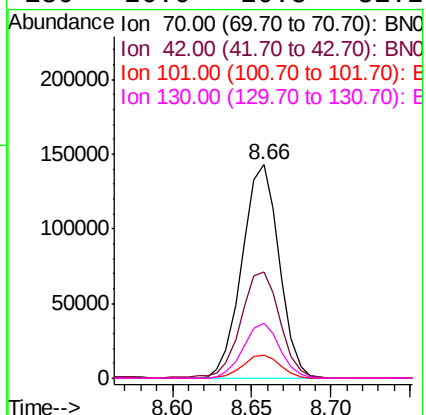
Ion Ratio Lower Upper

70 100

42 49.6 39.7 59.5

101 11.0 8.8 13.2

130 26.0 20.8 31.2



#20

3+4-Methylphenols

Concen: 40.947 ng

RT: 8.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Tgt Ion:107 Resp: 366029

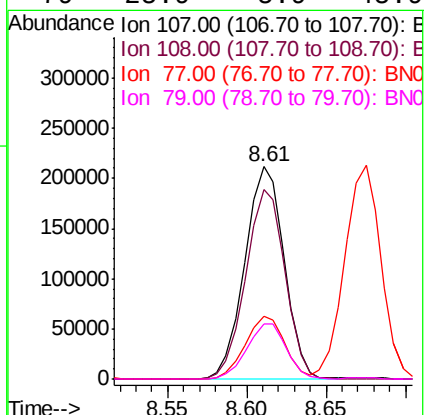
Ion Ratio Lower Upper

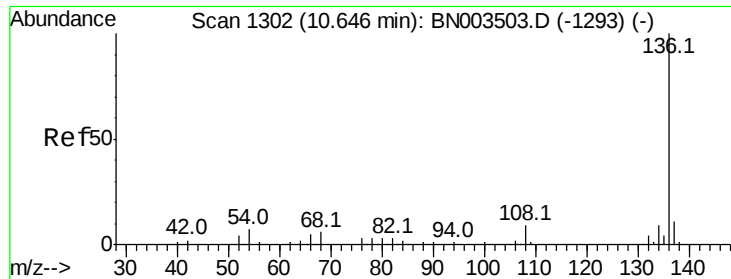
107 100

108 89.5 69.5 109.5

77 29.4 9.4 49.4

79 25.9 5.9 45.9

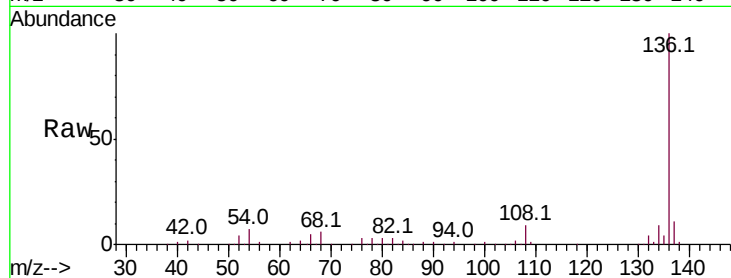




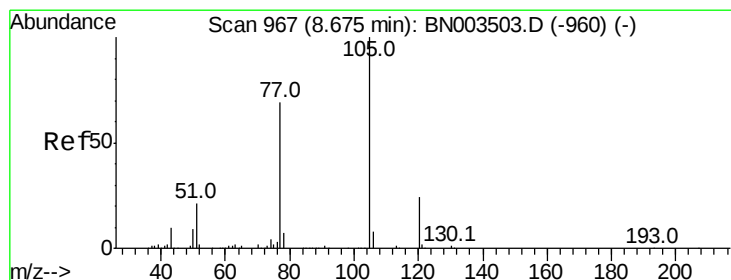
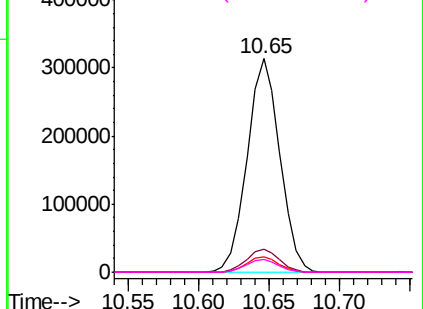
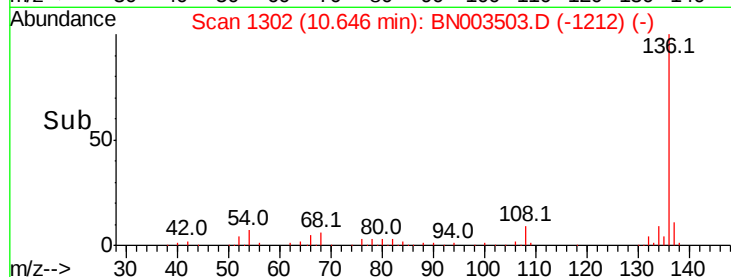
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.65 min Scan# 1302  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 508956 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 10.9    | 8.7 13.1     |
| 54 7.1      | 5.7 8.5      |
| 68 5.9      | 4.7 7.1      |

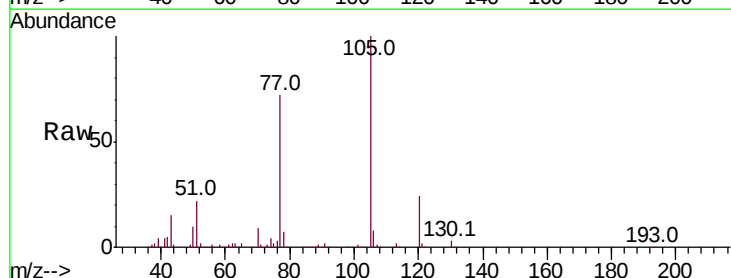


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BNC  
Ion 68.00 (67.70 to 68.70): BNC

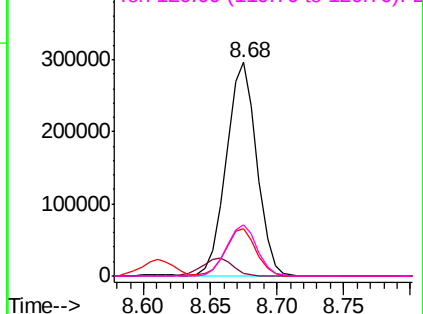
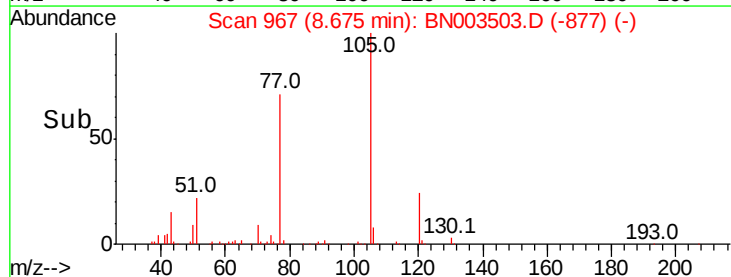


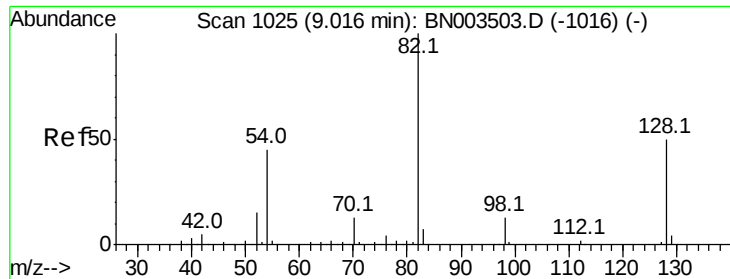
#22  
Acetophenone  
Concen: 40.718 ng  
RT: 8.68 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 472495 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 1.5     | 1.2   | 1.8    |
| 51  | 22.1    | 17.7  | 26.5   |
| 120 | 23.8    | 19.0  | 28.6   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BNC  
Ion 51.00 (50.70 to 51.70): BNC  
Ion 120.00 (119.70 to 120.70): E

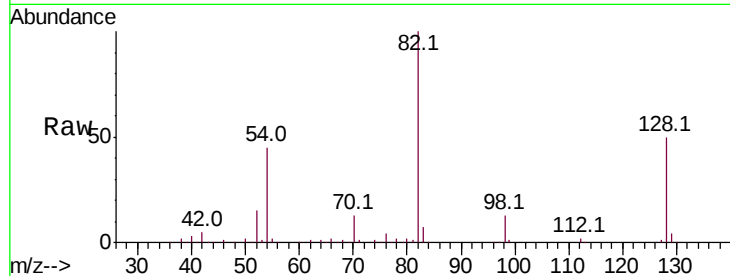




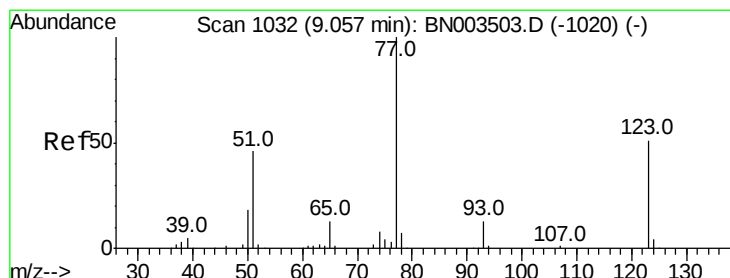
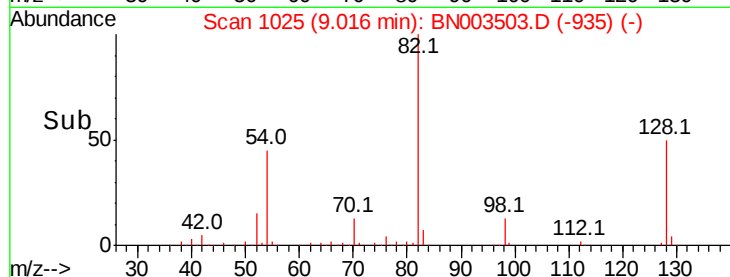
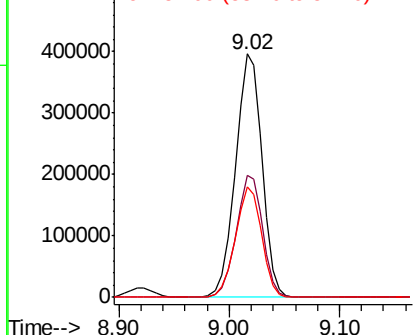
#23  
Nitrobenzene-d5  
Concen: 82.456 ng  
RT: 9.02 min Scan# 1025  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

| Tot Ion   | 82    | Resp  | 666695 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 50.0  | 40.0  | 60.0   |
| 54        | 45.1  | 36.1  | 54.1   |

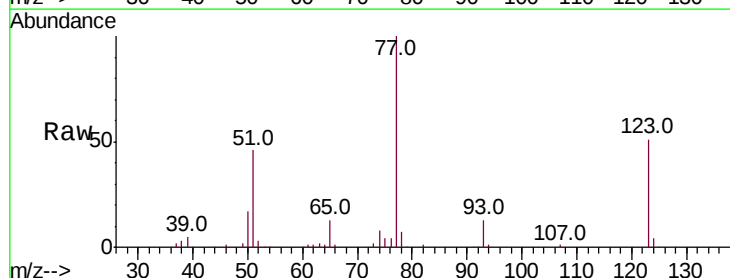


Abundance Ion 82.00 (81.70 to 82.70): BN0  
Ion 128.00 (127.70 to 128.70): E  
Ion 54.00 (53.70 to 54.70): BN0

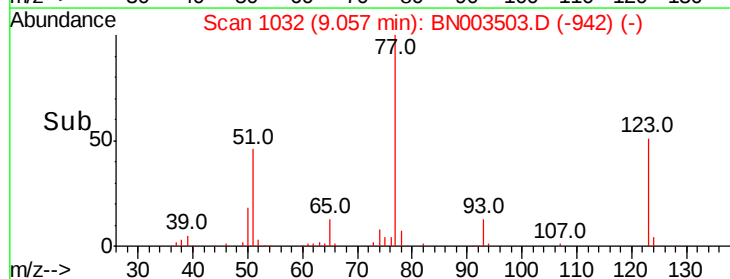
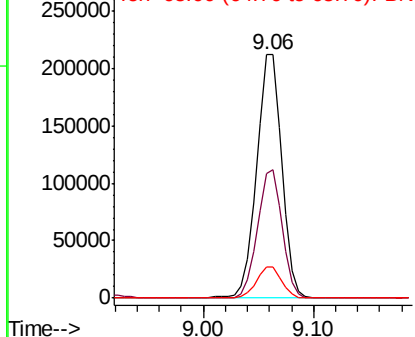


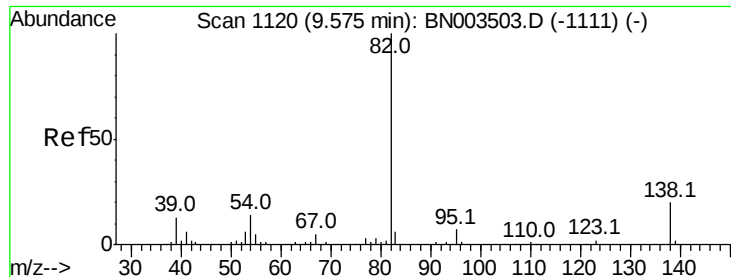
#24  
Nitrobenzene  
Concen: 41.044 ng  
RT: 9.06 min Scan# 1032  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

| Tgt Ion   | 77    | Resp  | 340558 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 51.2  | 41.0  | 61.4   |
| 65        | 12.9  | 10.3  | 15.5   |



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: 41.815 ng

RT: 9.57 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

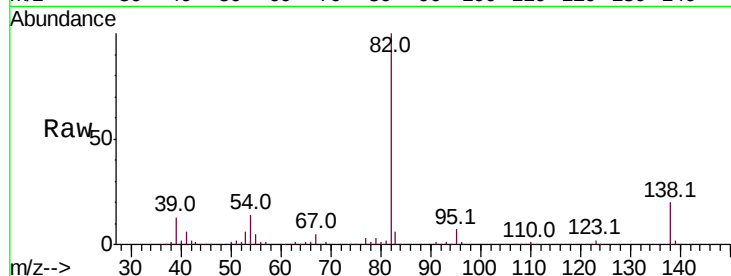
Tot Ion: 82 Resp: 567775

Ion Ratio Lower Upper

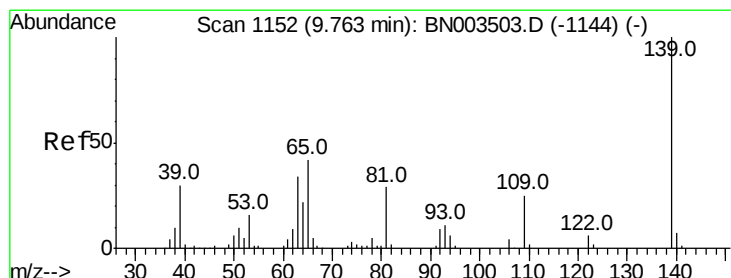
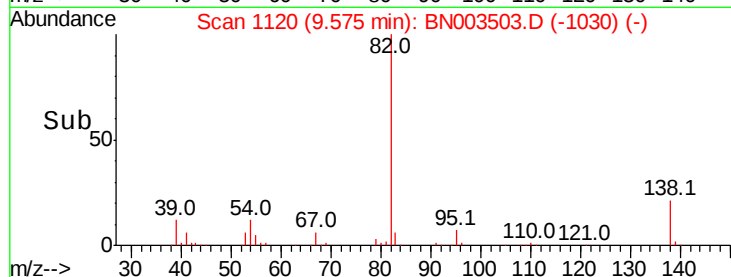
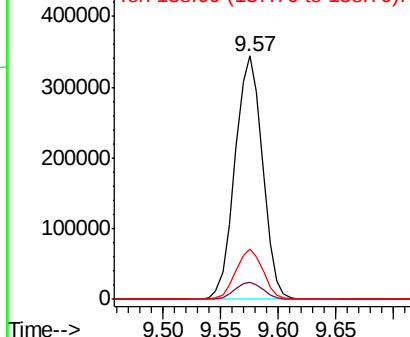
82 100

95 7.1 5.7 8.5

138 20.5 16.4 24.6



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



#26

2-Nitrophenol

Concen: 41.049 ng

RT: 9.76 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

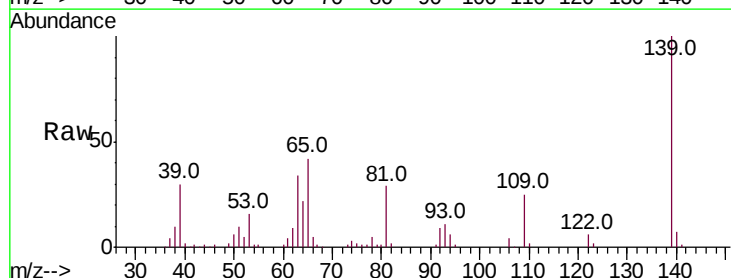
Tgt Ion:139 Resp: 193645

Ion Ratio Lower Upper

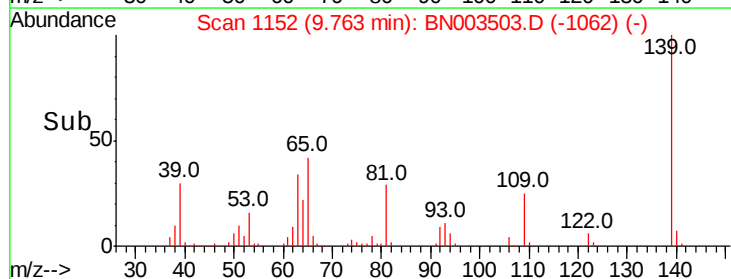
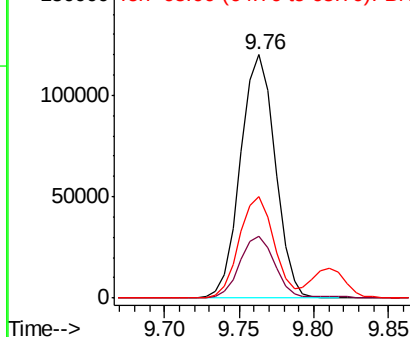
139 100

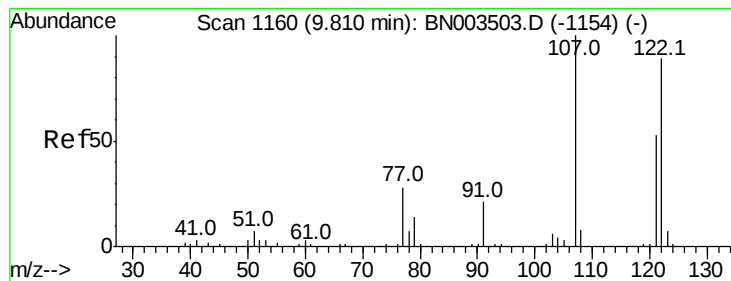
109 25.5 20.4 30.6

65 41.7 33.4 50.0



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





#27

2,4-Dimethylphenol

Concen: 41.086 ng

RT: 9.81 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampled :

SSTDICCC040

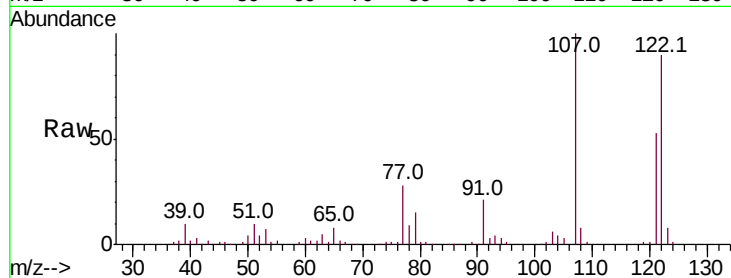
Tot Ion:122 Resp: 277030

Ion Ratio Lower Upper

122 100

107 110.7 88.6 132.8

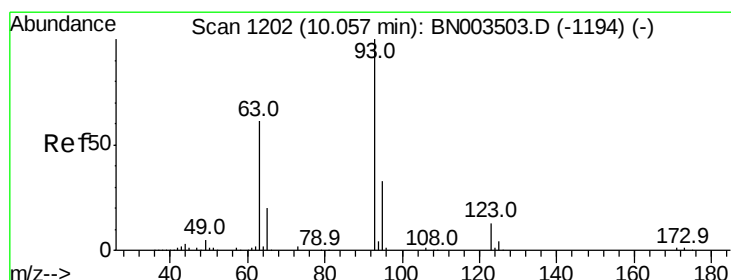
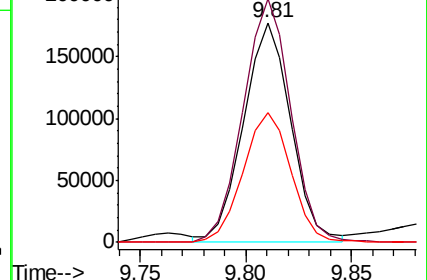
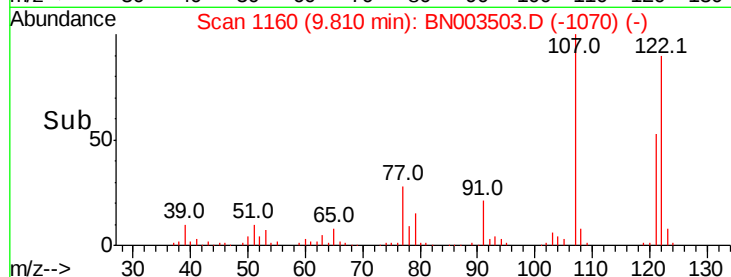
121 58.9 47.1 70.7



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: 40.710 ng

RT: 10.06 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

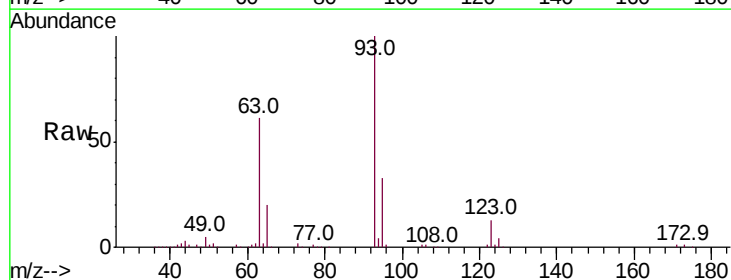
Tgt Ion: 93 Resp: 396874

Ion Ratio Lower Upper

93 100

95 33.0 26.4 39.6

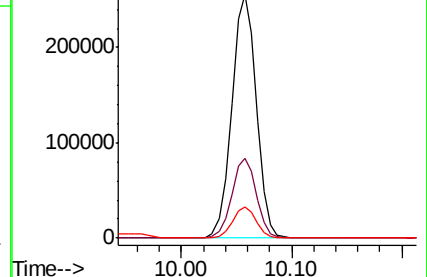
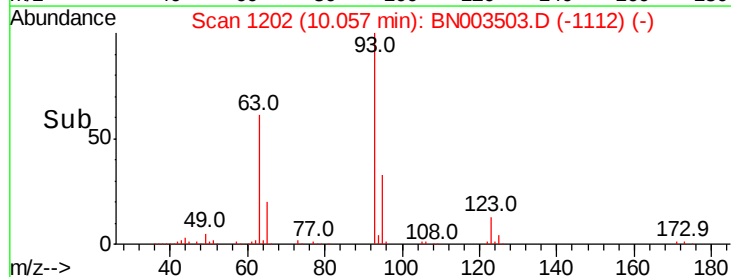
123 12.7 10.2 15.2

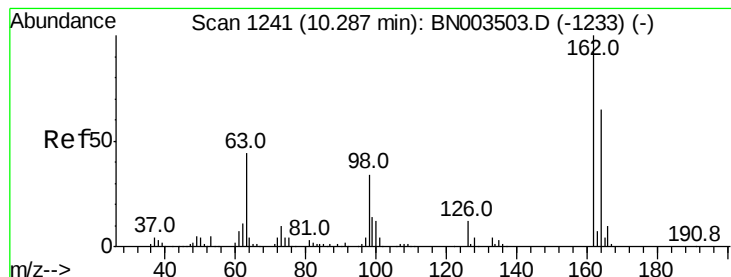


Abundance Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.416 ng

RT: 10.29 min Scan# 1241

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

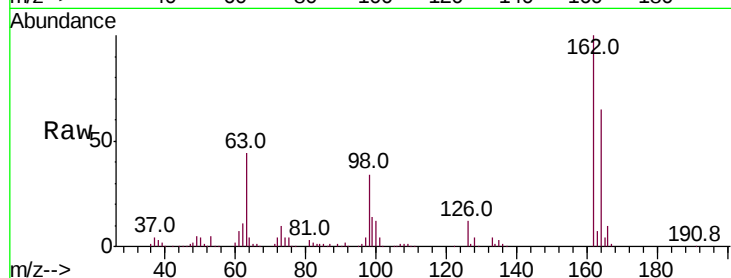
Tot Ion:162 Resp: 328580

Ion Ratio Lower Upper

162 100

164 64.9 44.9 84.9

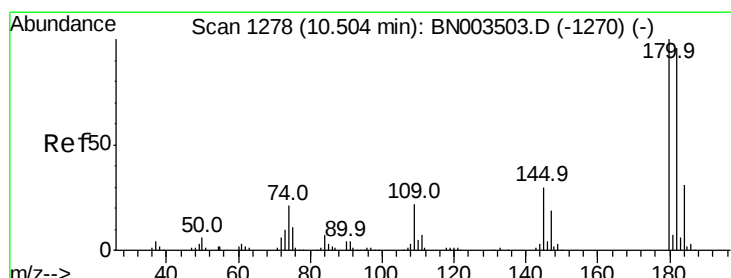
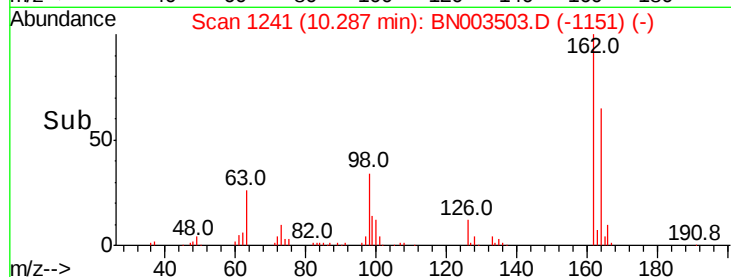
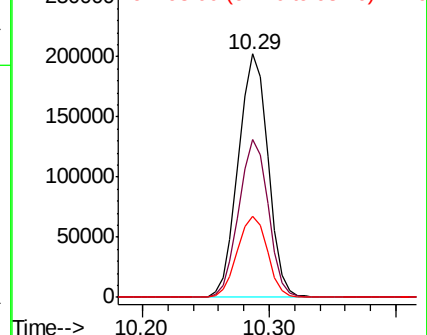
98 33.5 13.5 53.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 40.345 ng

RT: 10.50 min Scan# 1278

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

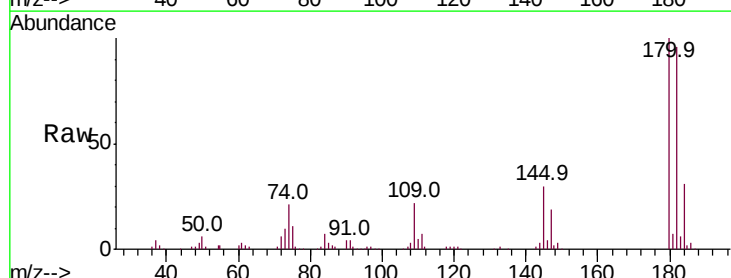
Tgt Ion:180 Resp: 364811

Ion Ratio Lower Upper

180 100

182 95.8 76.6 115.0

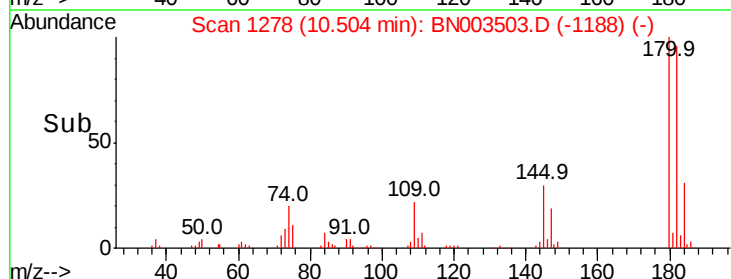
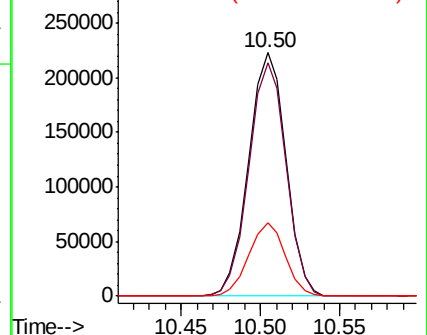
145 29.9 23.9 35.9

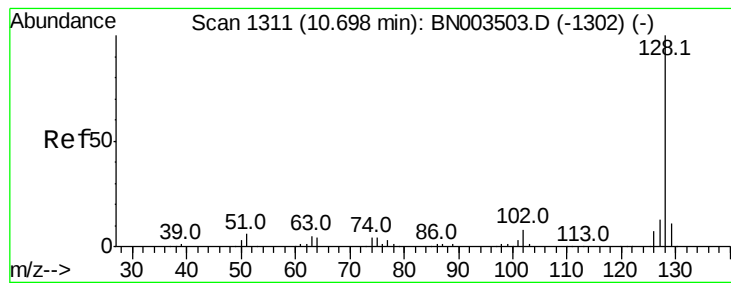


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.082 ng

RT: 10.70 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

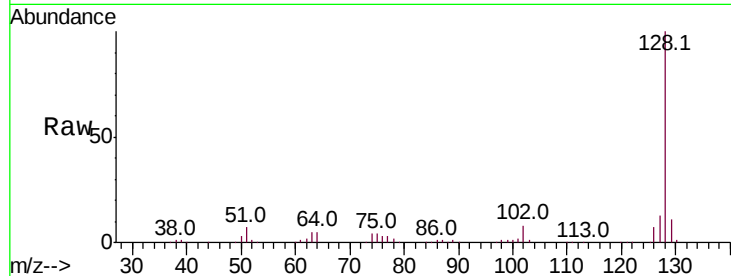
Tot Ion:128 Resp: 993021

Ion Ratio Lower Upper

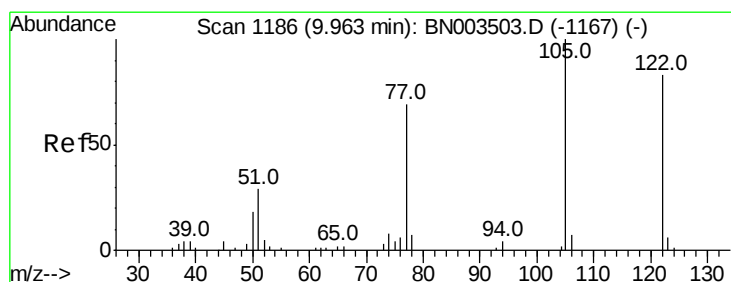
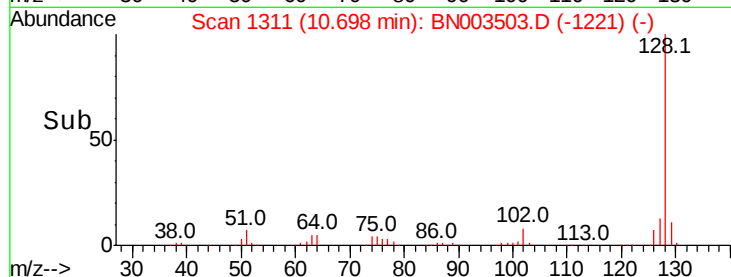
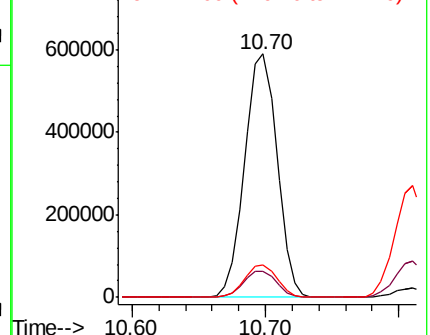
128 100

129 10.9 8.7 13.1

127 13.2 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E  
800000  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.025 ng

RT: 9.96 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

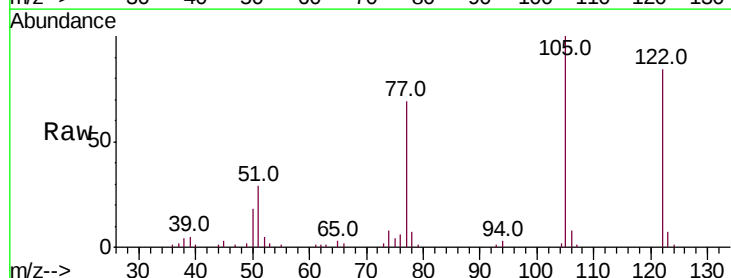
Tgt Ion:122 Resp: 235440

Ion Ratio Lower Upper

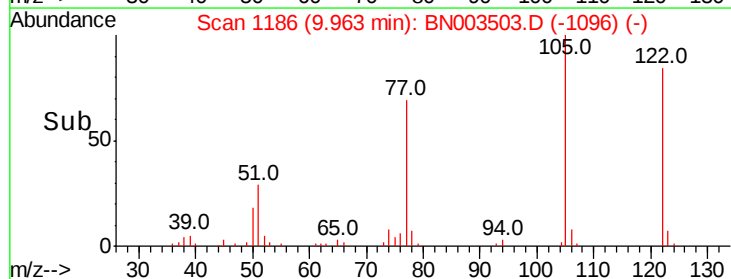
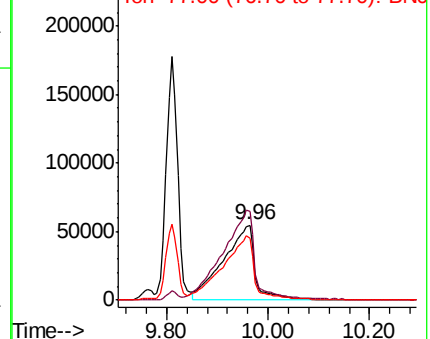
122 100

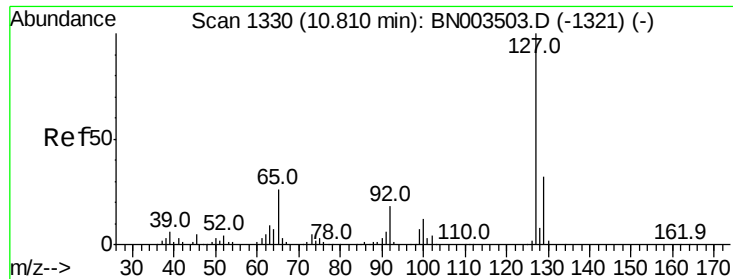
105 118.4 98.4 138.4

77 82.2 62.2 102.2



Abundance Ion 122.00 (121.70 to 122.70): E  
200000  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BNO

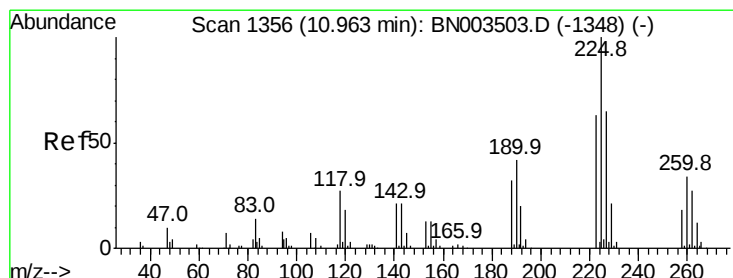
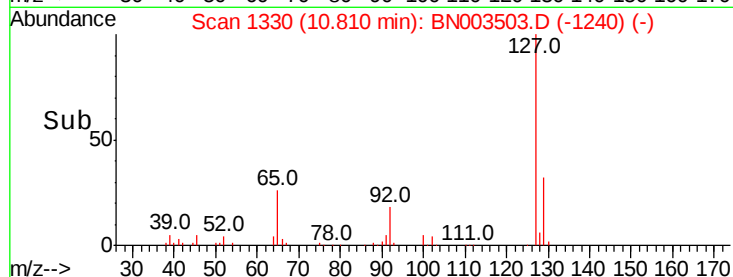
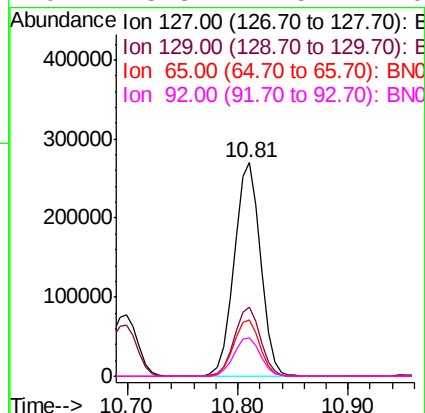
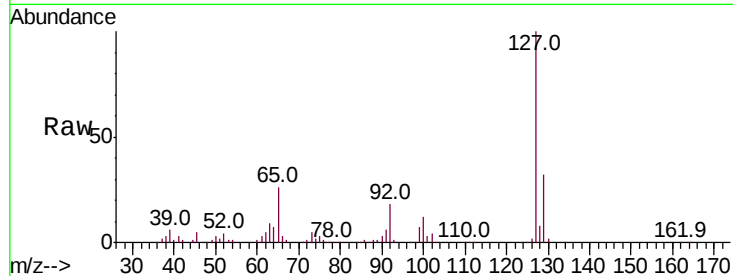




#33  
4-Chloroaniline  
Concen: 40.889 ng  
RT: 10.81 min Scan# 1330  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

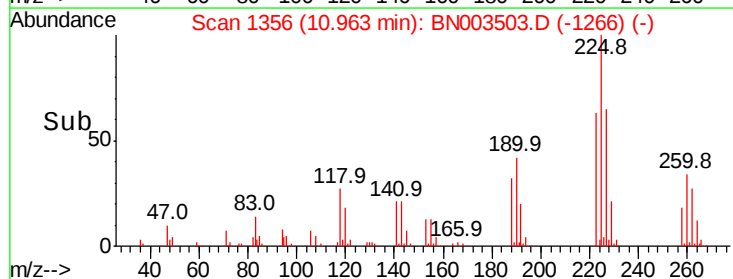
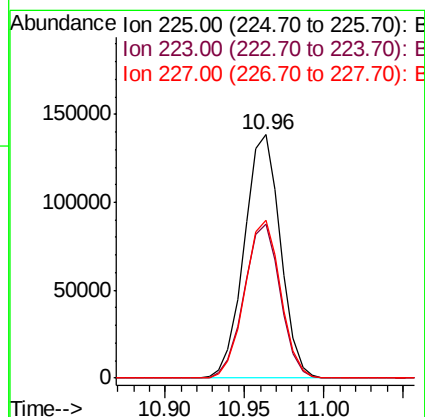
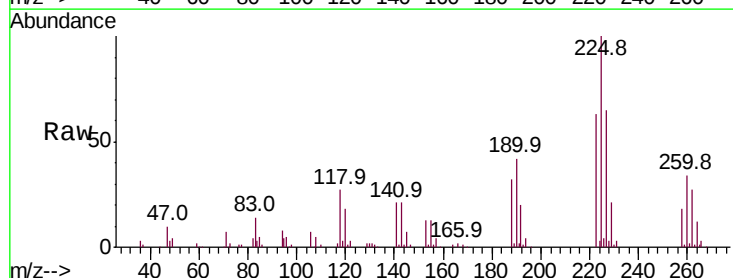
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

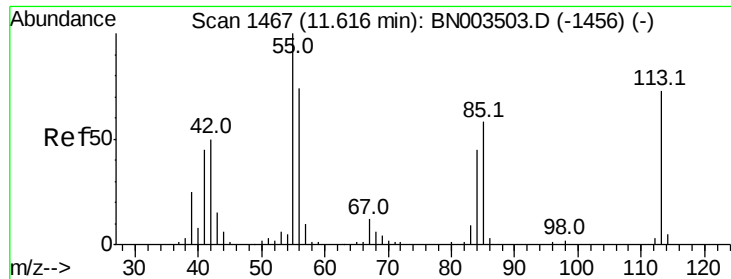
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 451988 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.5  | 26.0  | 39.0   |
| 65       | 26.5  | 21.2  | 31.8   |
| 92       | 18.3  | 14.6  | 22.0   |



#34  
Hexachlorobutadiene  
Concen: 40.610 ng  
RT: 10.96 min Scan# 1356  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 219890 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.3  | 50.6  | 76.0   |
| 227      | 65.0  | 52.0  | 78.0   |

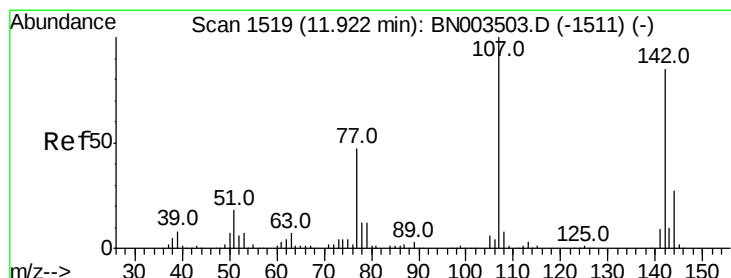
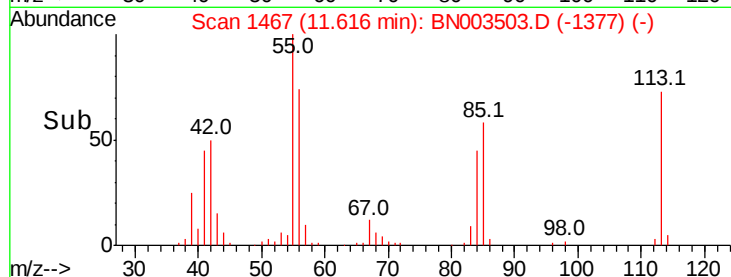
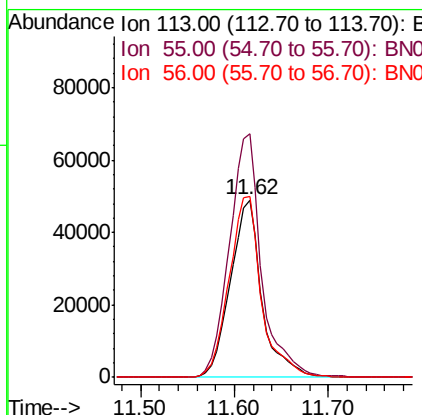
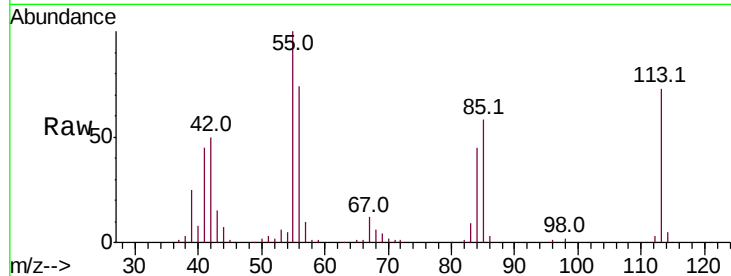




#35  
 Caprolactam  
 Concen: 40.784 ng  
 RT: 11.62 min Scan# 1467  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

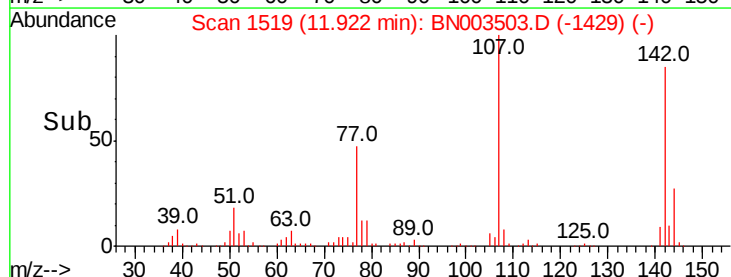
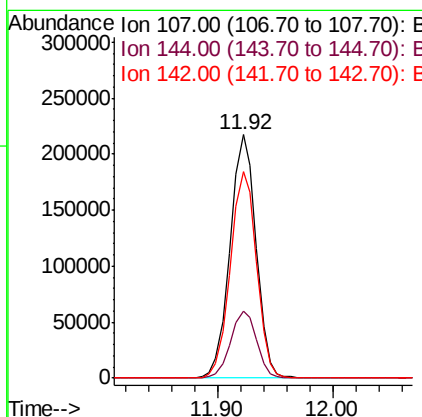
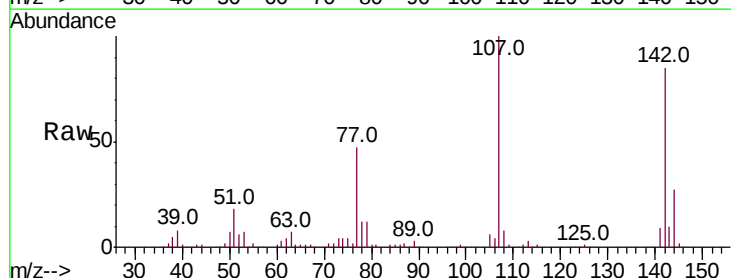
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

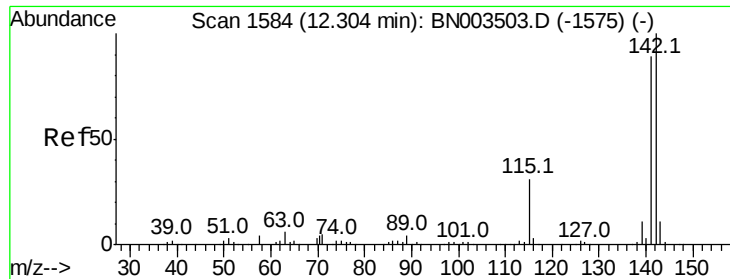
Tot Ion:113 Resp: 114096  
 Ion Ratio Lower Upper  
 113 100  
 55 137.0 117.0 157.0  
 56 102.0 82.0 122.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.457 ng  
 RT: 11.92 min Scan# 1519  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Tgt Ion:107 Resp: 339035  
 Ion Ratio Lower Upper  
 107 100  
 144 27.5 22.0 33.0  
 142 85.0 68.0 102.0

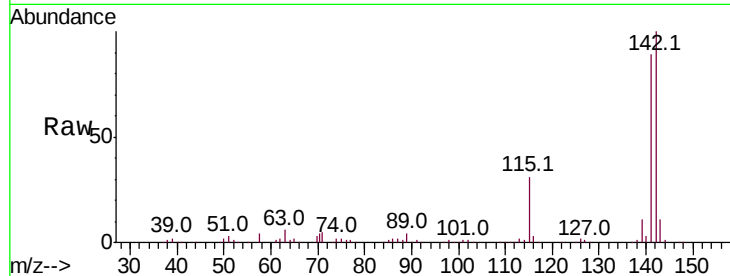




#37  
2-Methylnaphthalene  
Concen: 40.404 ng  
RT: 12.30 min Scan# 1584  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 71.0  | 106.6 |
| 115     | 31.4  | 25.1  | 37.7  |

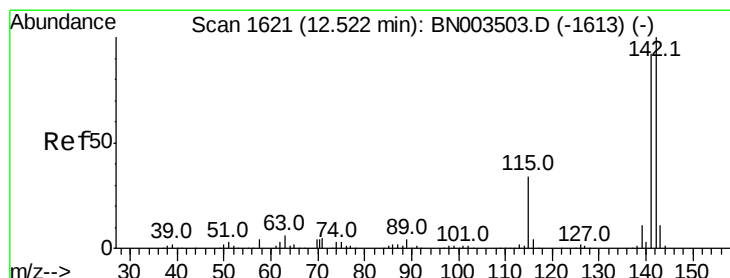
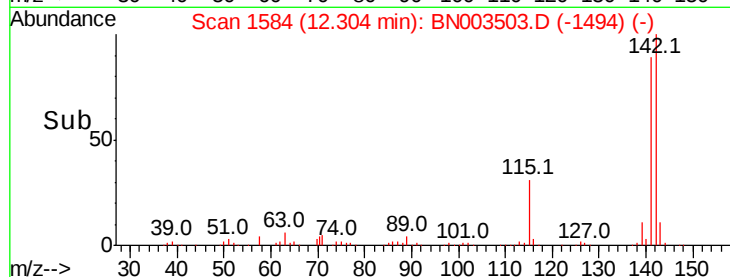
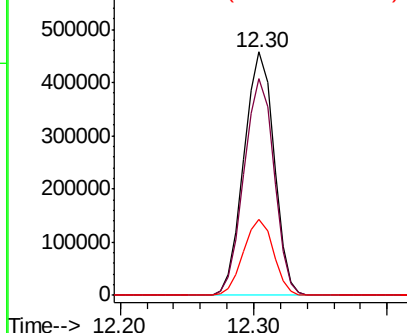


Abundance

Ion 142.00 (141.70 to 142.70): E

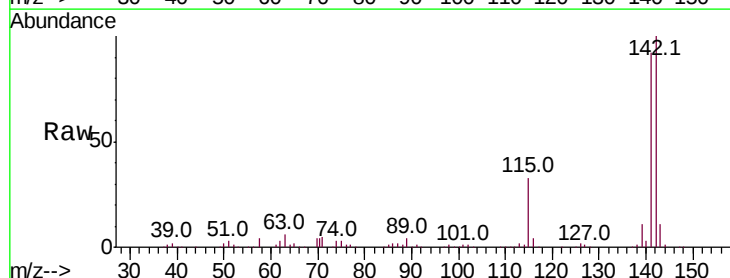
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 40.321 ng  
RT: 12.52 min Scan# 1621  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.4  | 73.9  | 110.9 |
| 116     | 3.5   | 2.8   | 4.2   |

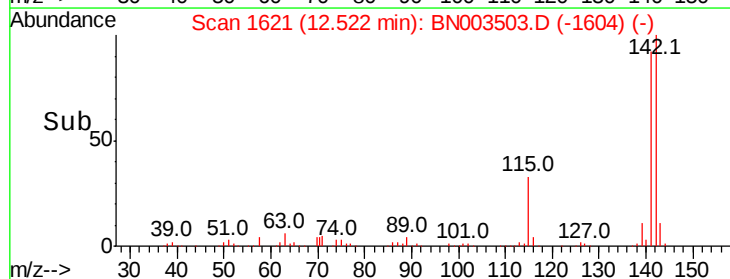
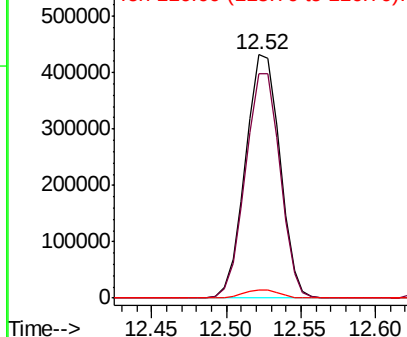


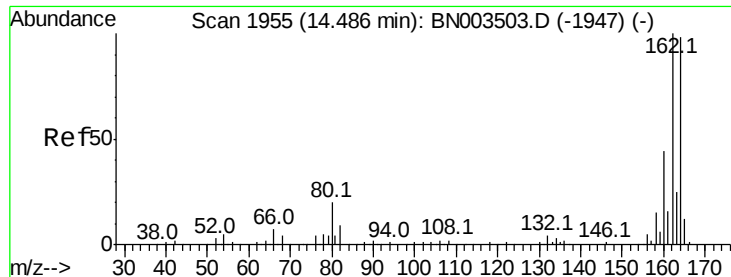
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.49 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

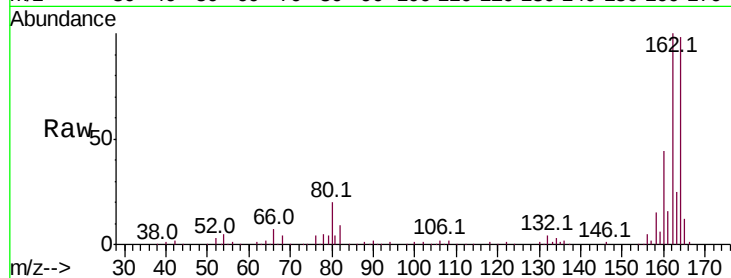
BNA\_N

ClientSampleId :

SSTDICCC040

Tot Ion:164 Resp: 297547

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.2 | 81.8  | 122.6 |
| 160 | 45.2  | 36.2  | 54.2  |

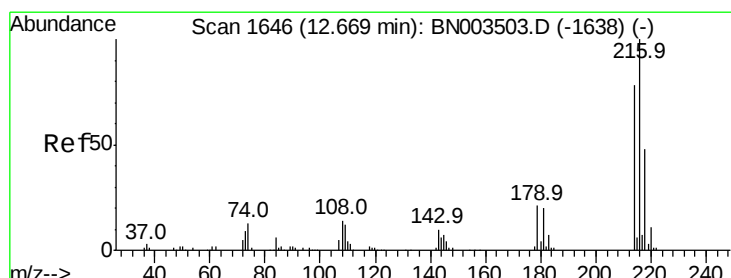
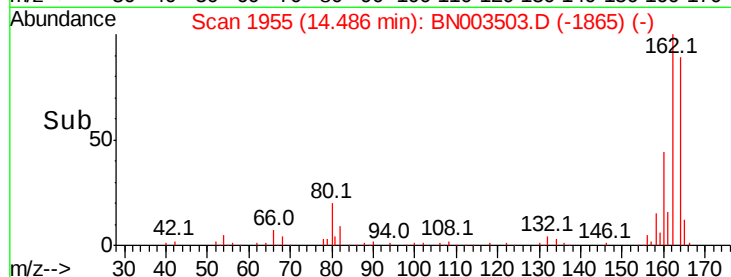
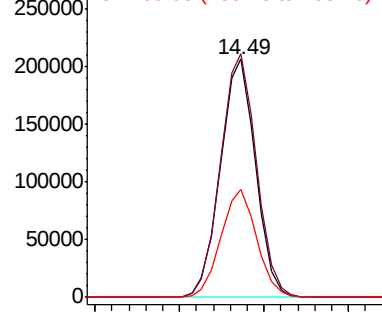


Abundance

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: 40.455 ng

RT: 12.67 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Tgt Ion:216 Resp: 432700

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.3  | 62.6  | 94.0  |
| 179 | 20.6  | 16.5  | 24.7  |
| 108 | 16.0  | 12.8  | 19.2  |

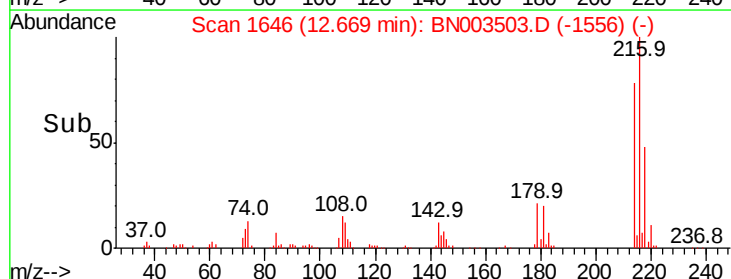
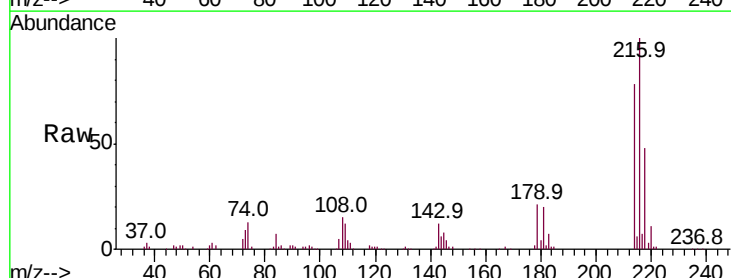
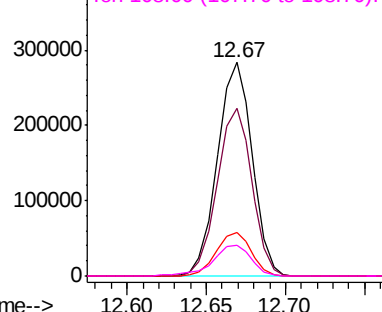
Abundance

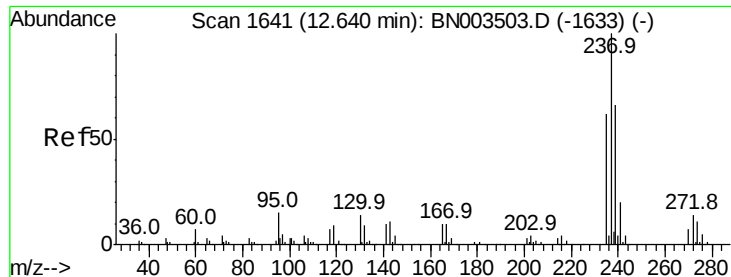
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 41.121 ng

RT: 12.64 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

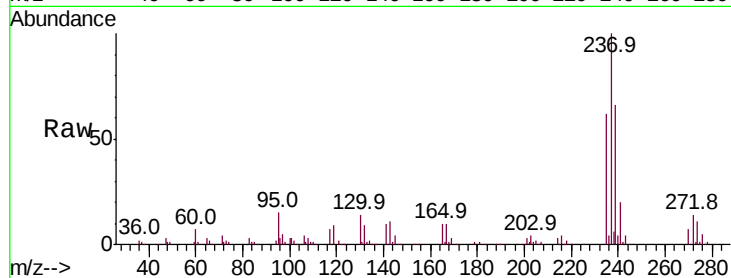
Tot Ion:237 Resp: 208717

Ion Ratio Lower Upper

237 100

235 61.8 41.8 81.8

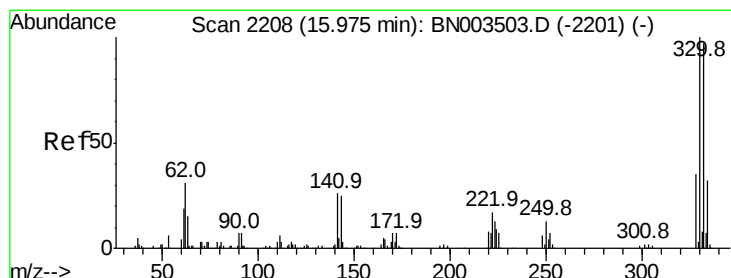
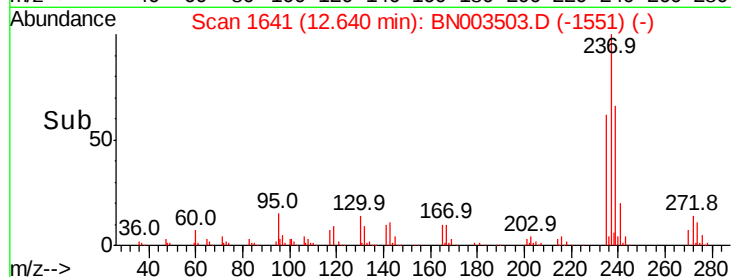
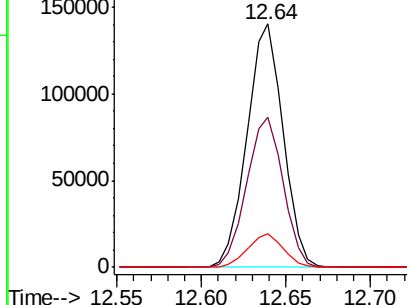
272 14.1 0.0 34.1



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: 85.110 ng

RT: 15.97 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

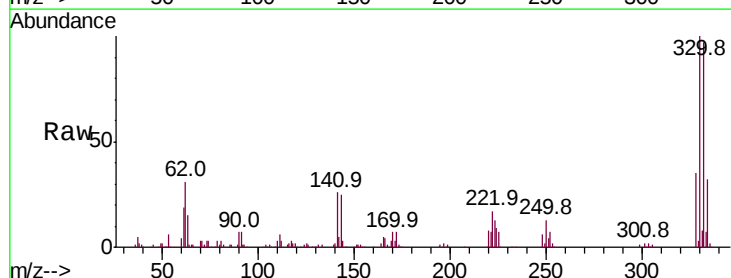
Tgt Ion:330 Resp: 377520

Ion Ratio Lower Upper

330 100

332 96.0 76.8 115.2

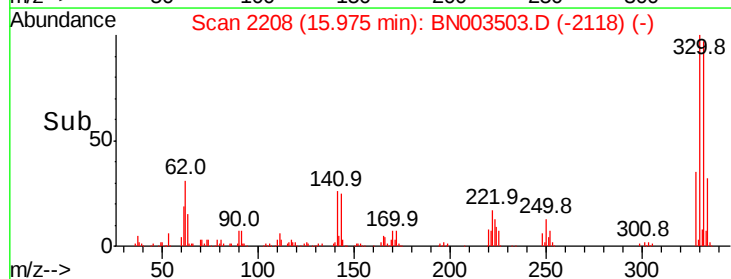
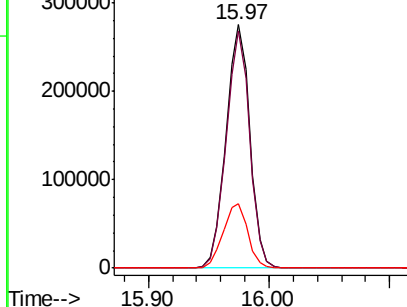
141 27.0 21.6 32.4

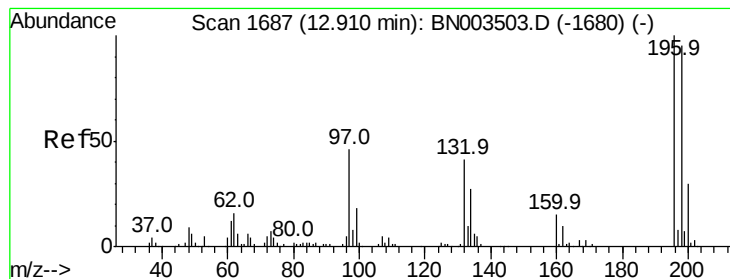


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 42.304 ng

RT: 12.91 min Scan# 1687

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

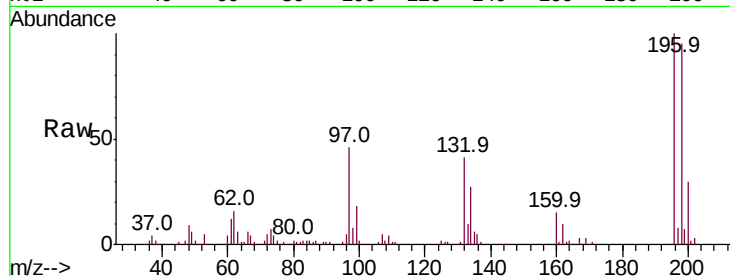
Tot Ion:196 Resp: 280953

Ion Ratio Lower Upper

196 100

198 95.1 76.1 114.1

200 30.3 24.2 36.4

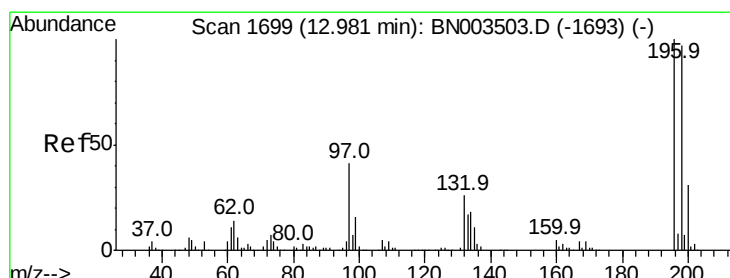
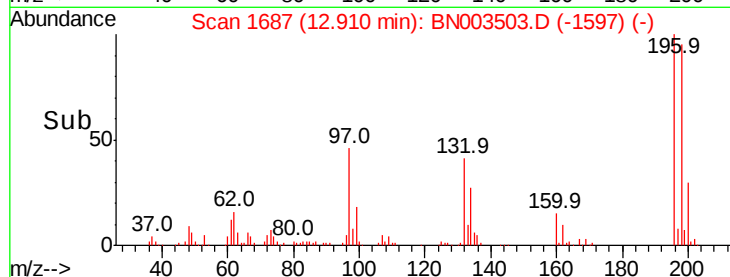
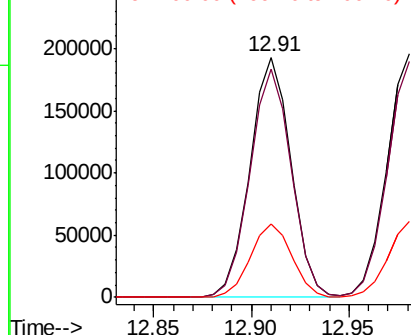


Abundance

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: 41.730 ng

RT: 12.98 min Scan# 1699

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Tgt Ion:196 Resp: 295630

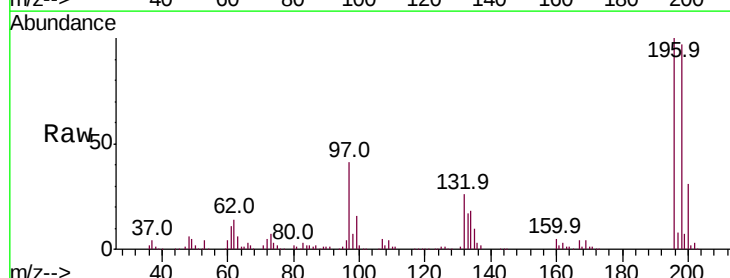
Ion Ratio Lower Upper

196 100

198 97.0 77.6 116.4

97 41.2 33.0 49.4

132 26.4 21.1 31.7



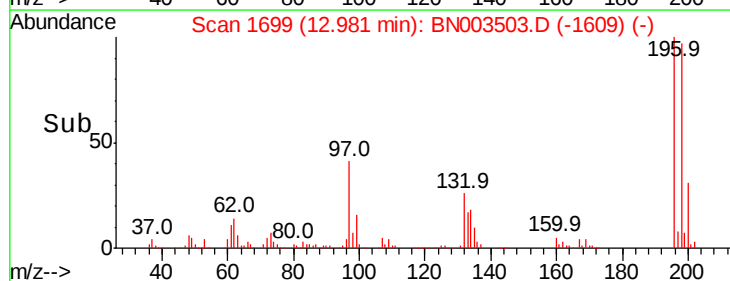
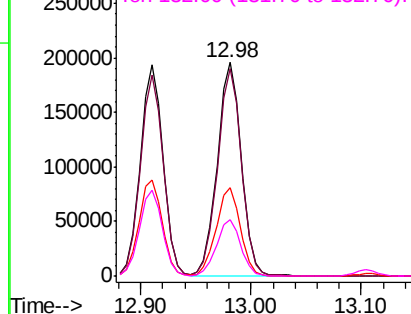
Abundance

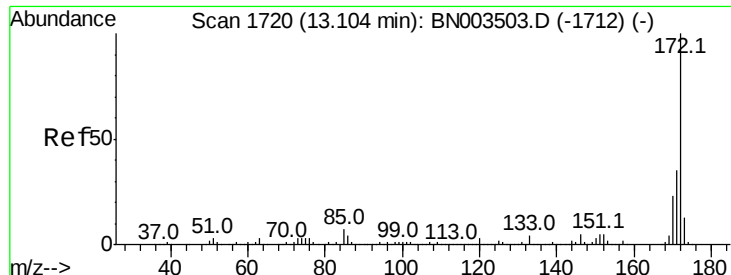
Ion 196.00 (195.70 to 196.70): E

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



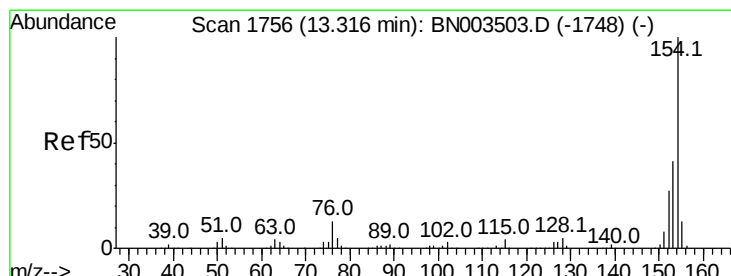
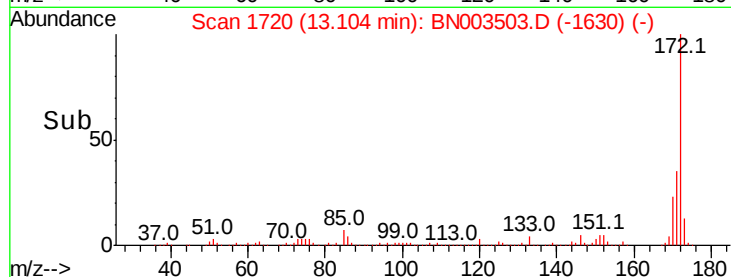
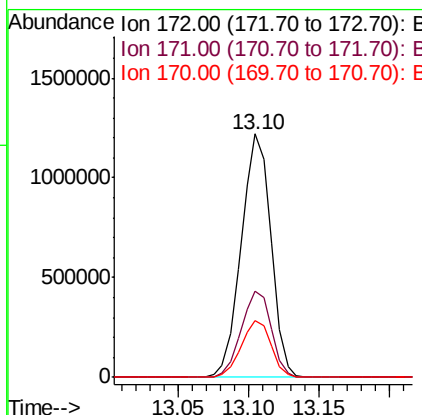
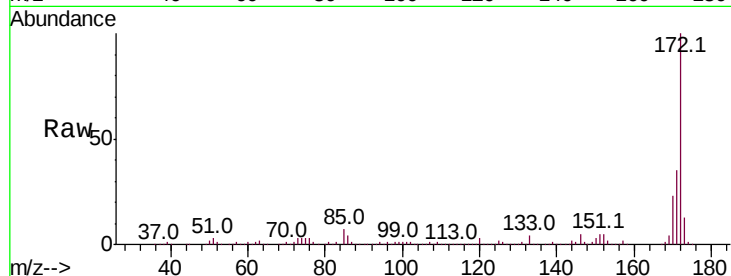


#45  
2-Fluorobiphenyl  
Concen: 80.619 ng  
RT: 13.10 min Scan# 1720  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

Tot Ion:172 Resp: 1797192

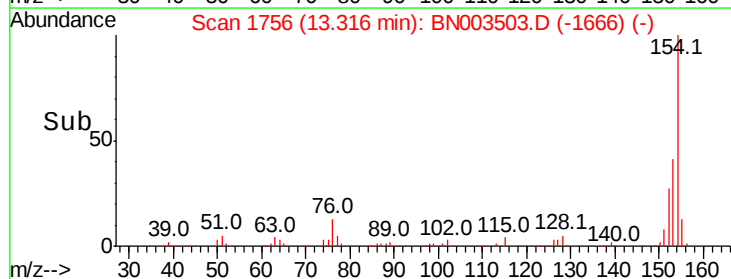
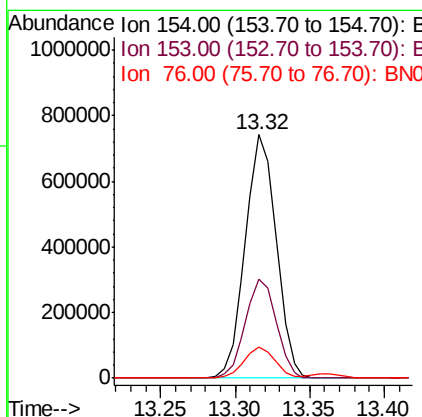
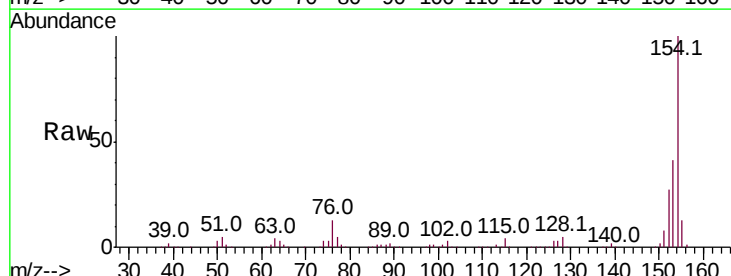
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 35.4  | 28.3  | 42.5  |
| 170 | 23.4  | 18.7  | 28.1  |

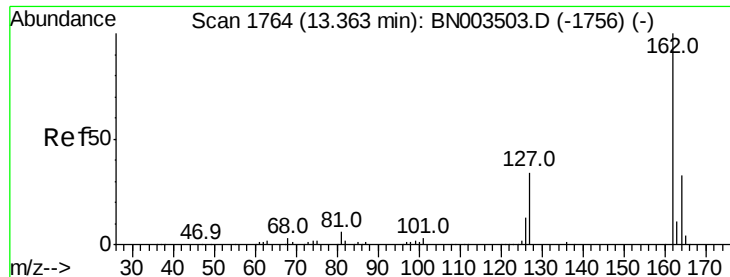


#46  
1,1'-Biphenyl  
Concen: 40.420 ng  
RT: 13.32 min Scan# 1756  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion:154 Resp: 1065210

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.6  | 20.6  | 60.6  |
| 76  | 12.5  | 0.0   | 32.5  |

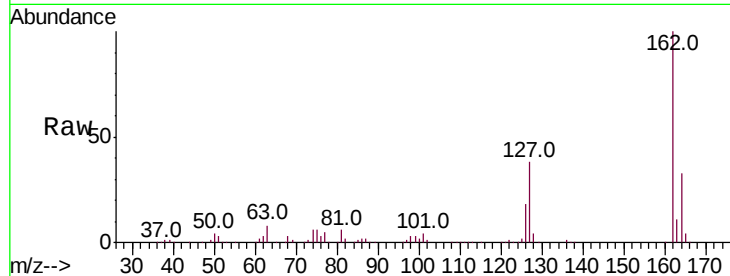




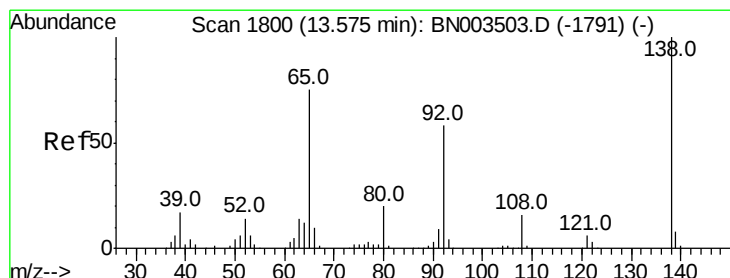
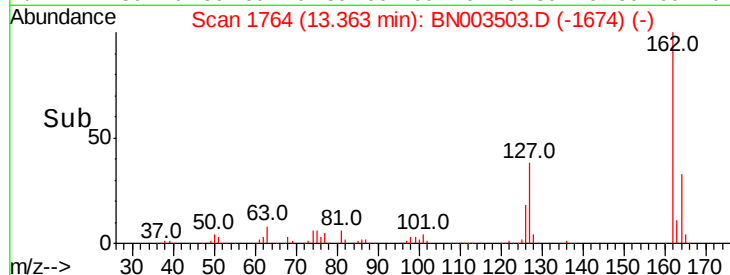
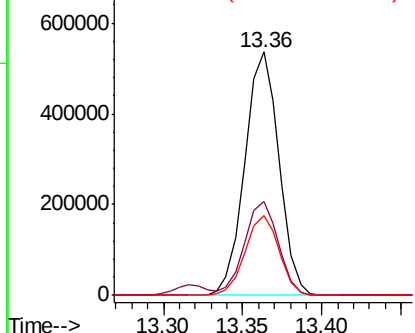
#47  
2-Chloronaphthalene  
Concen: 40.446 ng  
RT: 13.36 min Scan# 1764  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

Tot Ion:162 Resp: 801954  
Ion Ratio Lower Upper  
162 100  
127 38.4 30.7 46.1  
164 32.6 26.1 39.1

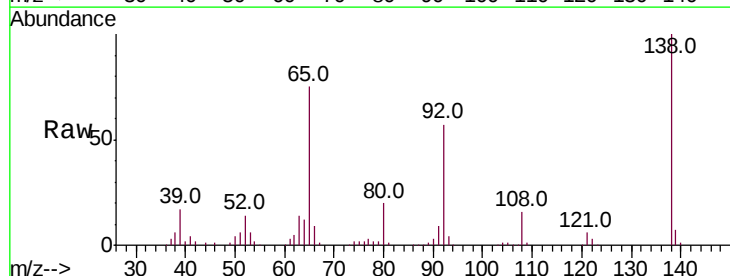


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

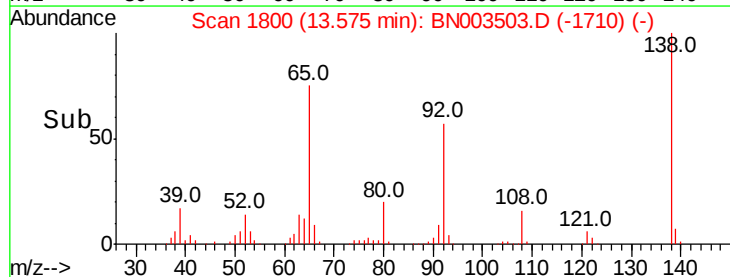
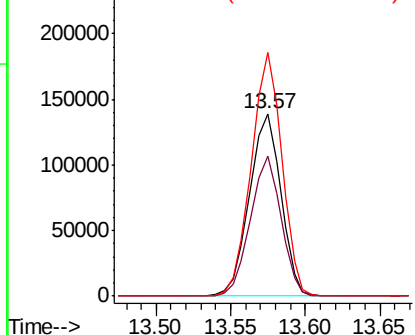


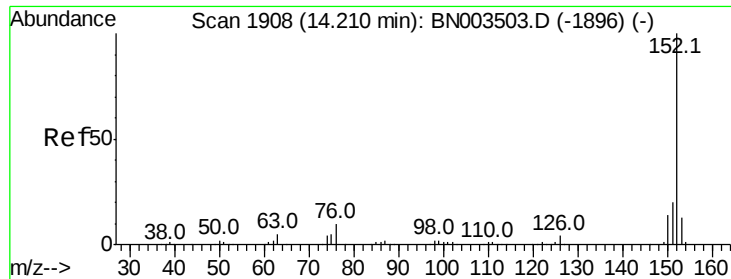
#48  
2-Nitroaniline  
Concen: 40.862 ng  
RT: 13.57 min Scan# 1800  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion: 65 Resp: 201873  
Ion Ratio Lower Upper  
65 100  
92 76.7 61.4 92.0  
138 133.5 106.8 160.2



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: 40.965 ng

RT: 14.21 min Scan# 1908

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

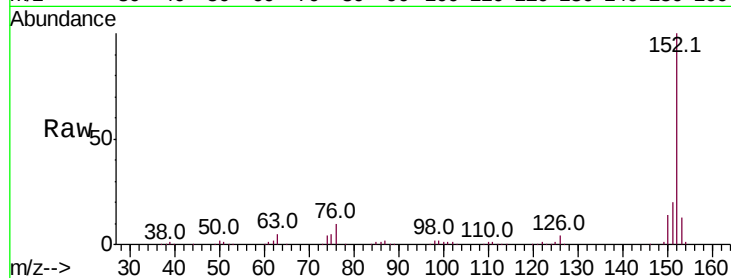
BNA\_N

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 1198282

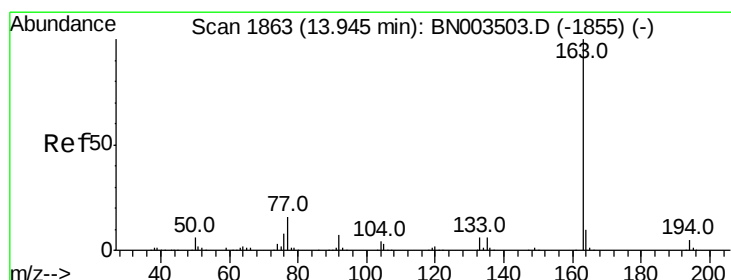
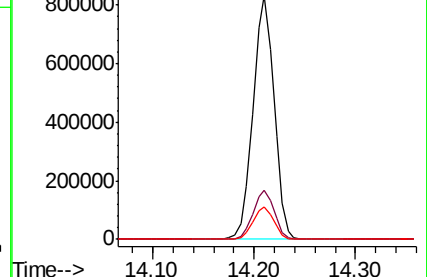
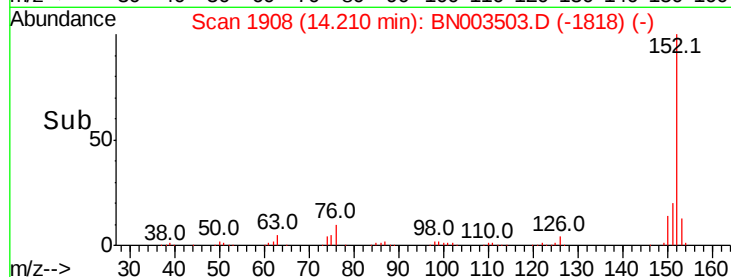
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.1  | 16.1  | 24.1  |
| 153 | 13.4  | 10.7  | 16.1  |



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: 40.915 ng

RT: 13.95 min Scan# 1863

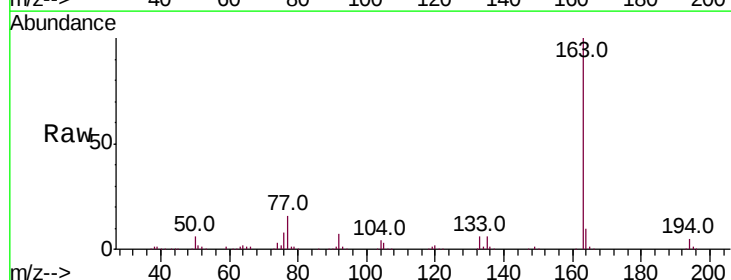
Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Tgt Ion:163 Resp: 953726

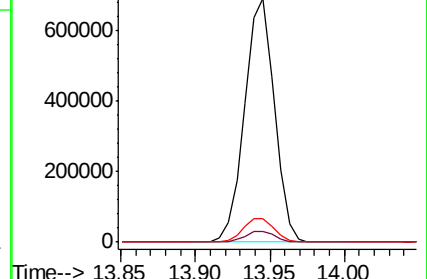
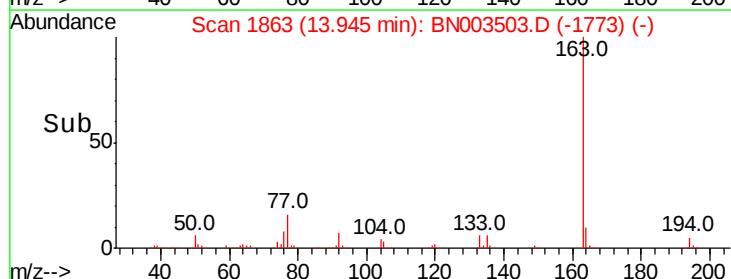
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 163 | 100   |       |       |
| 194 | 4.5   | 3.6   | 5.4   |
| 164 | 9.9   | 7.9   | 11.9  |

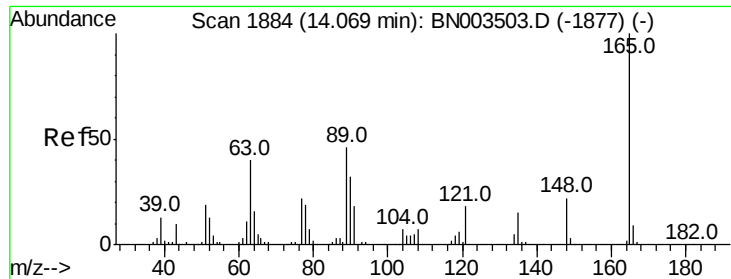


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

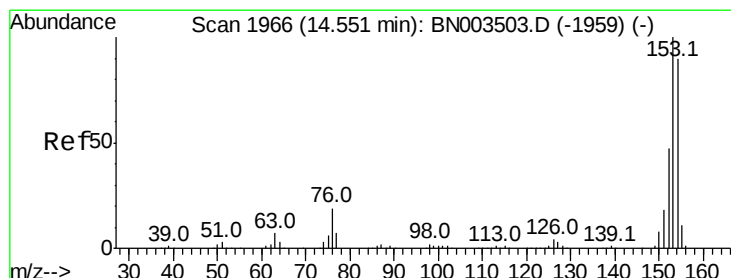
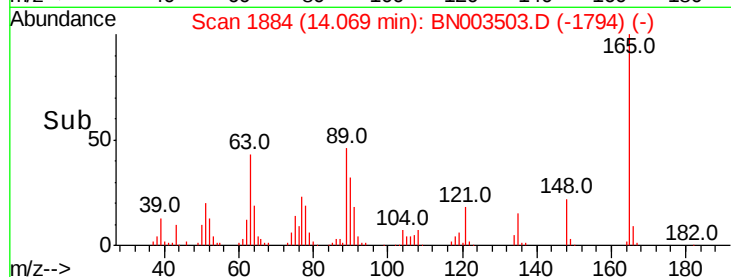
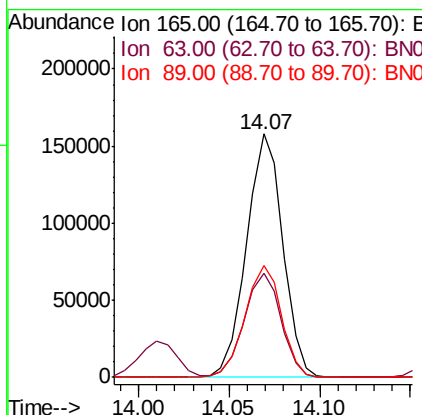
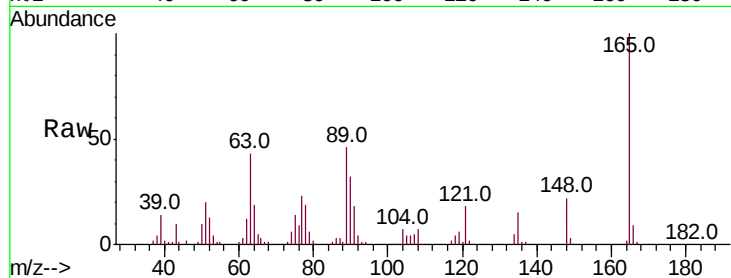




#51  
 2,6-Dinitrotoluene  
 Concen: 41.775 ng  
 RT: 14.07 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

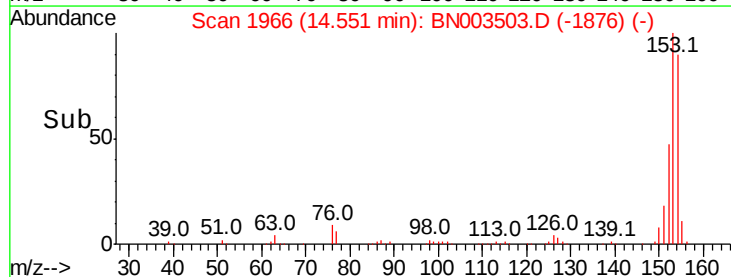
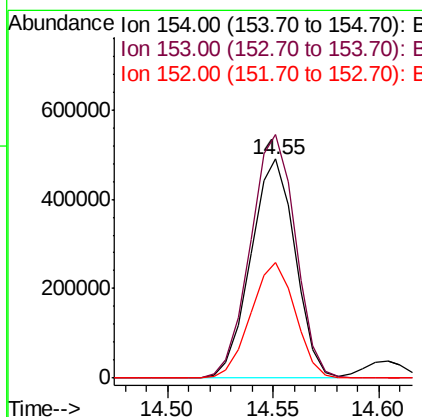
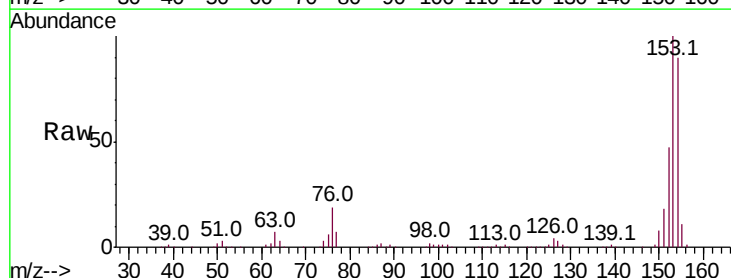
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

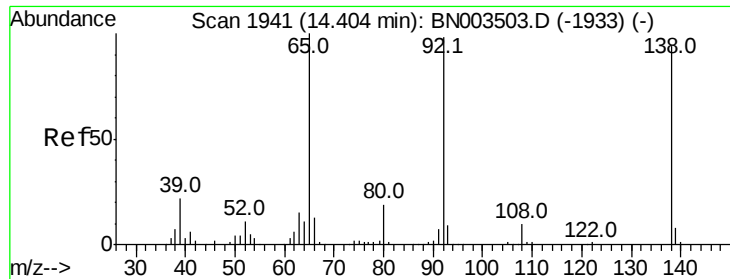
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.9  | 34.3  | 51.5  |
| 89      | 45.9  | 36.7  | 55.1  |



#52  
 Acenaphthene  
 Concen: 40.445 ng  
 RT: 14.55 min Scan# 1966  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.1 | 88.9  | 133.3 |
| 152     | 52.6  | 42.1  | 63.1  |

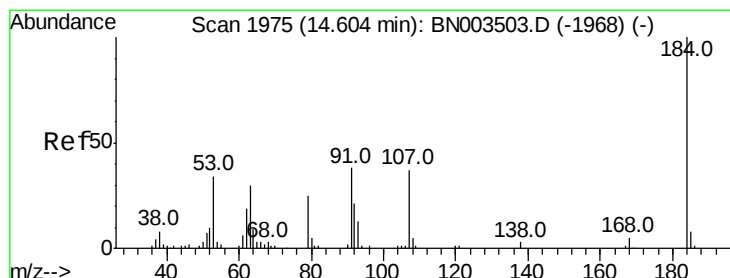
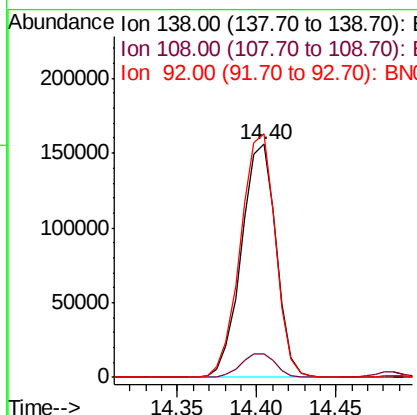
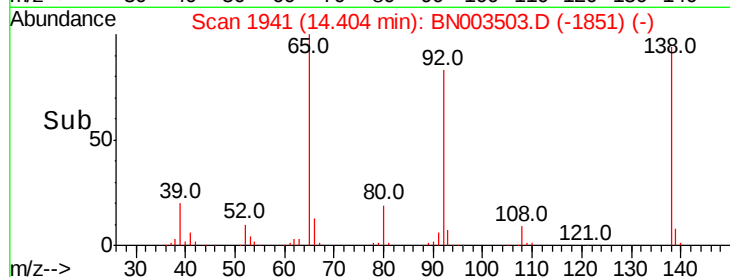
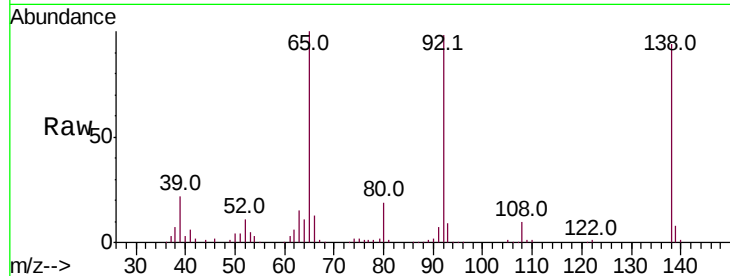




#53  
 3-Nitroaniline  
 Concen: 40.771 ng  
 RT: 14.40 min Scan# 1941  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

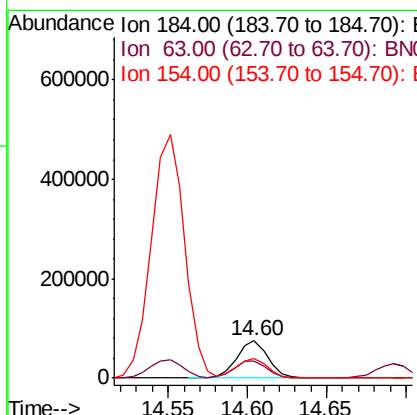
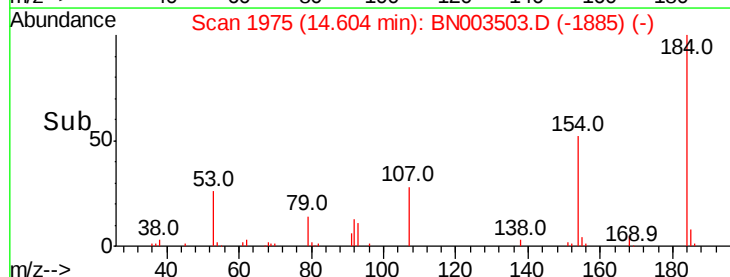
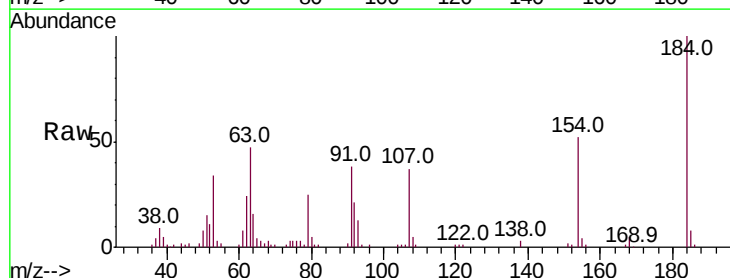
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

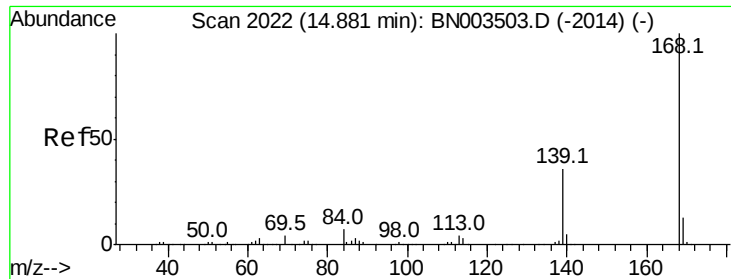
Tot Ion:138 Resp: 237151  
 Ion Ratio Lower Upper  
 138 100  
 108 10.3 8.2 12.4  
 92 104.4 83.5 125.3



#54  
 2,4-Dinitrophenol  
 Concen: 41.520 ng  
 RT: 14.60 min Scan# 1975  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Tgt Ion:184 Resp: 101760  
 Ion Ratio Lower Upper  
 184 100  
 63 47.3 37.8 56.8  
 154 52.4 41.9 62.9

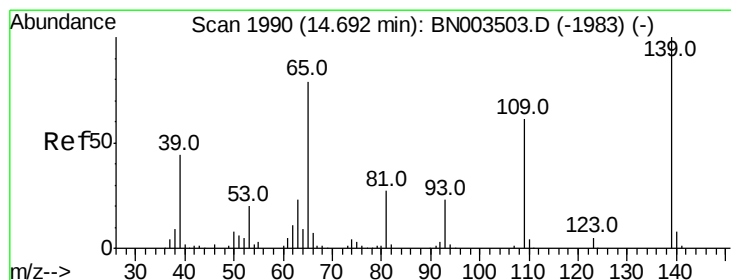
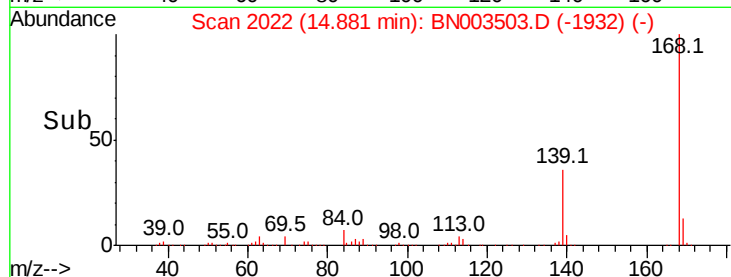
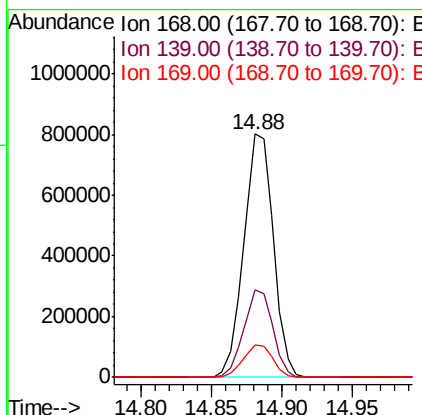
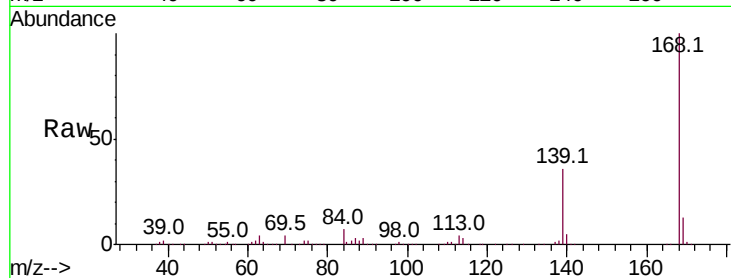




#55  
Dibenzenofuran  
Concen: 40.370 ng  
RT: 14.88 min Scan# 2022  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

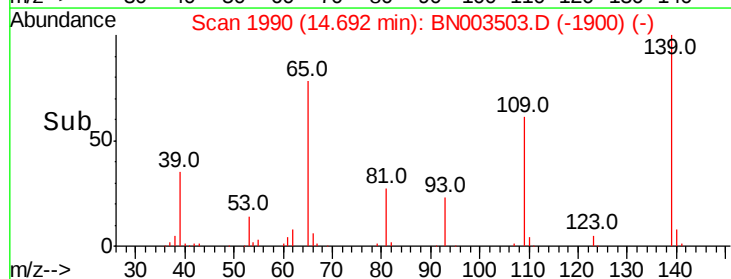
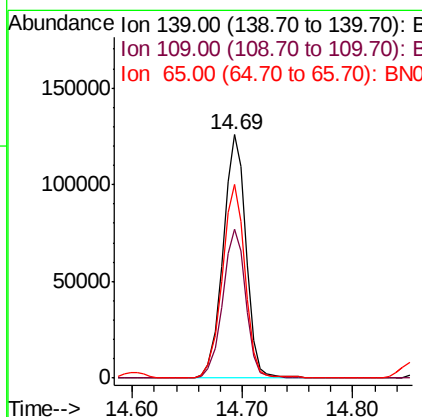
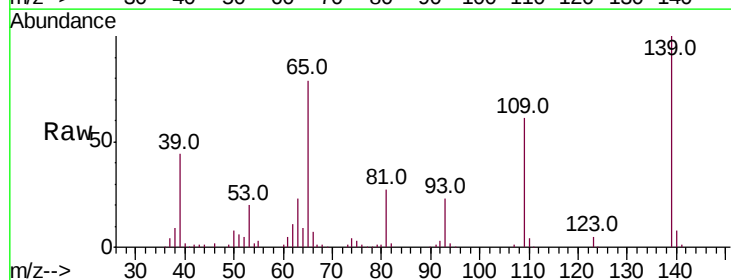
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

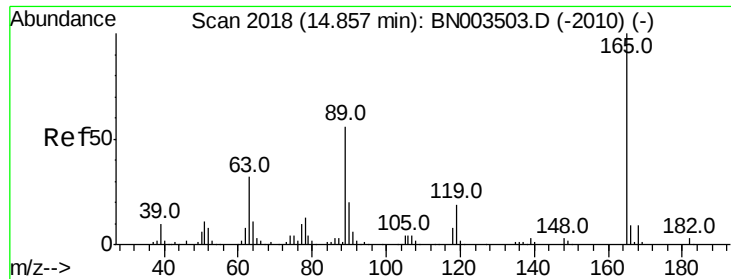
Tot Ion:168 Resp: 1179756  
Ion Ratio Lower Upper  
168 100  
139 35.9 28.7 43.1  
169 13.5 10.8 16.2



#56  
4-Nitrophenol  
Concen: 41.078 ng  
RT: 14.69 min Scan# 1990  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion:139 Resp: 182560  
Ion Ratio Lower Upper  
139 100  
109 60.9 40.9 80.9  
65 79.4 59.4 99.4

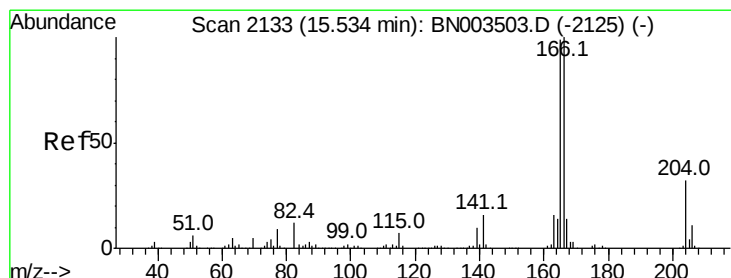
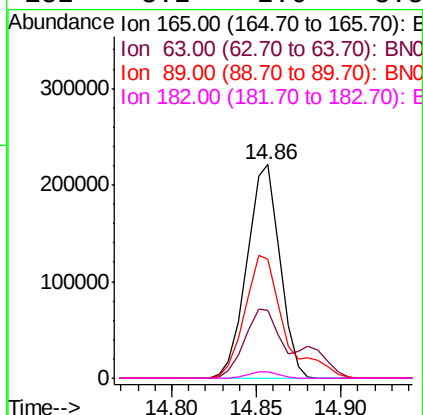
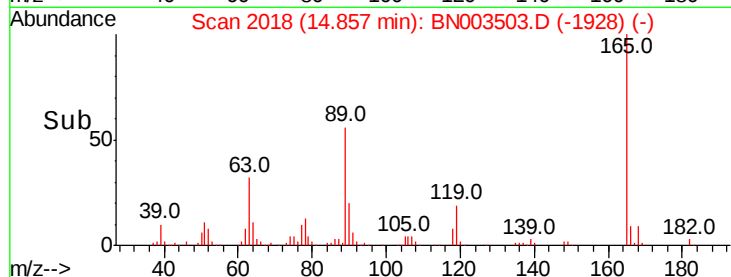
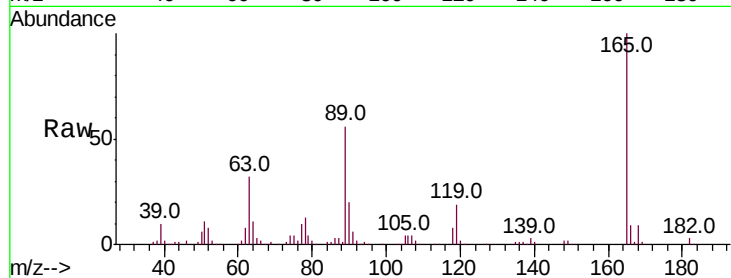




#57  
 2,4-Dinitrotoluene  
 Concen: 40.877 ng  
 RT: 14.86 min Scan# 2018  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

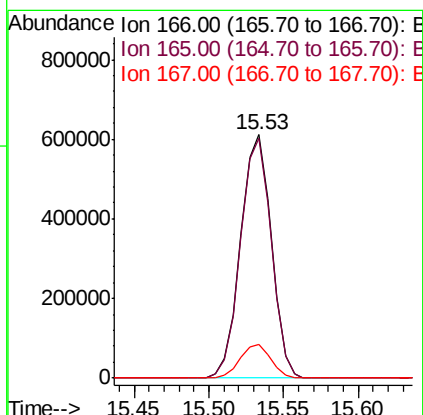
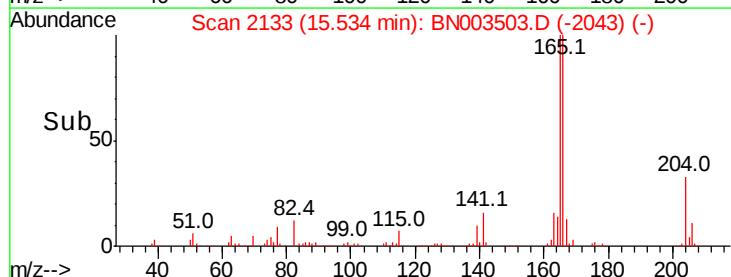
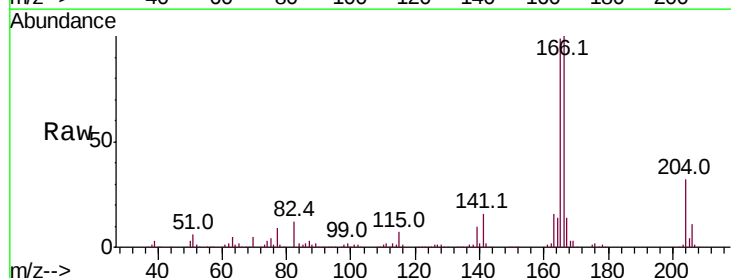
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

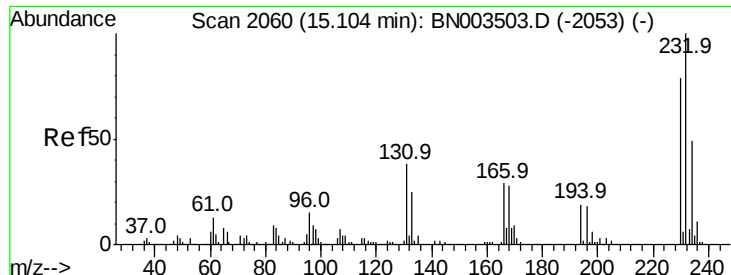
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 165   | Resp: | 300613 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 31.8  | 25.4  | 38.2   |
| 89       | 55.9  | 44.7  | 67.1   |
| 182      | 3.2   | 2.6   | 3.8    |



#58  
 Fluorene  
 Concen: 40.472 ng  
 RT: 15.53 min Scan# 2133  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 873939 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 98.5  | 78.8  | 118.2  |
| 167      | 13.7  | 11.0  | 16.4   |

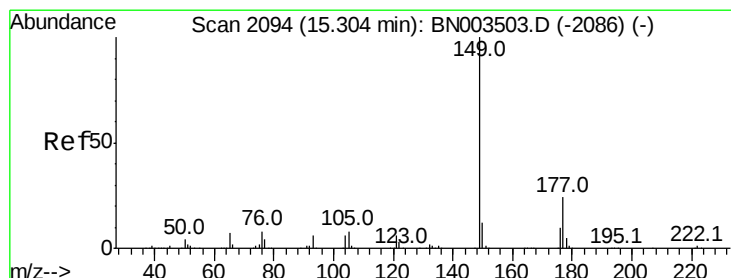
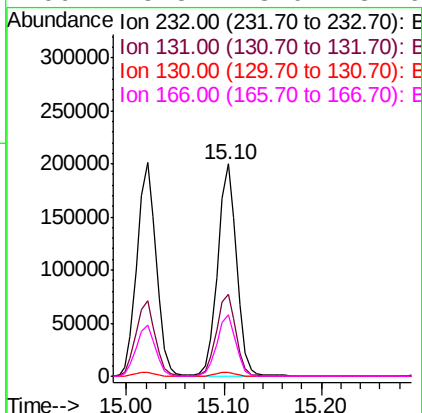
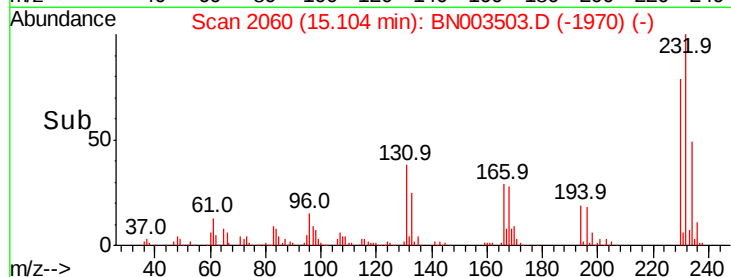
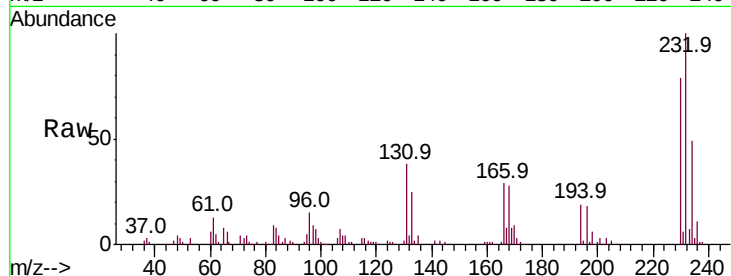




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.168 ng  
 RT: 15.10 min Scan# 2060  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

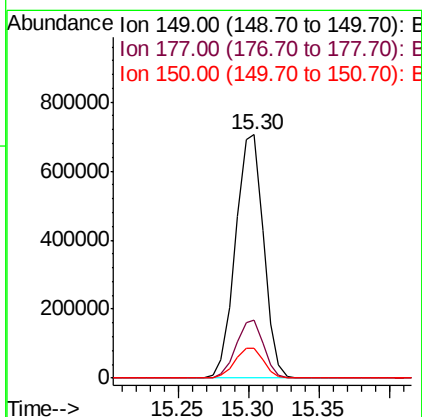
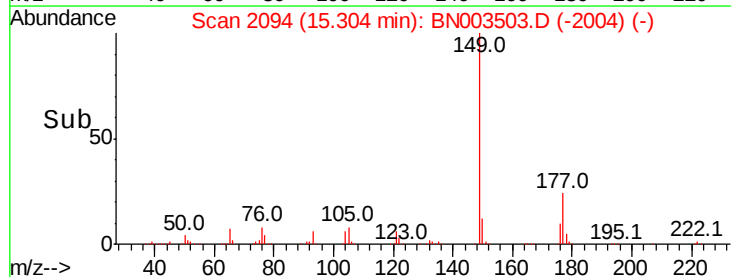
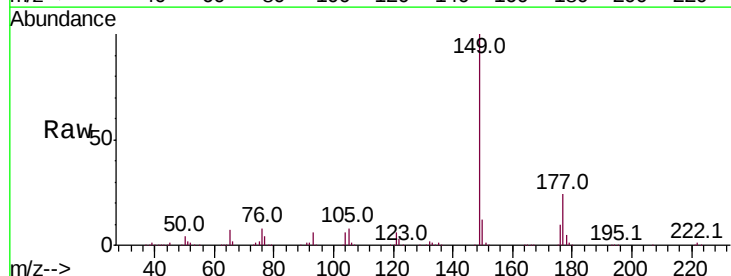
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

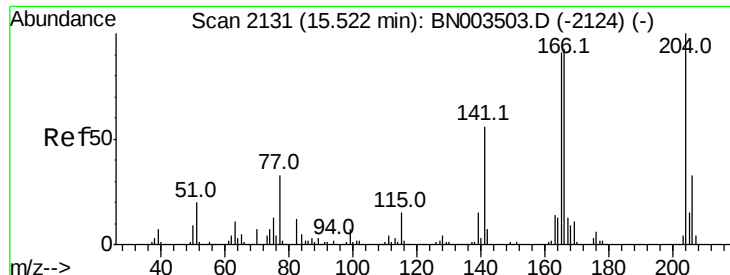
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.3  | 31.4  | 47.2  |
| 130     | 1.9   | 1.5   | 2.3   |
| 166     | 28.8  | 23.0  | 34.6  |



#60  
 Diethylphthalate  
 Concen: 39.591 ng  
 RT: 15.30 min Scan# 2094  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.7  | 19.0  | 28.4  |
| 150     | 12.3  | 9.8   | 14.8  |

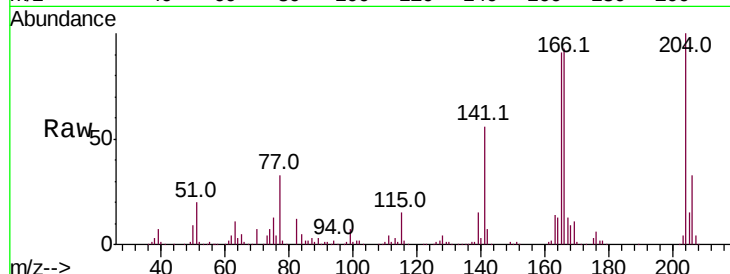




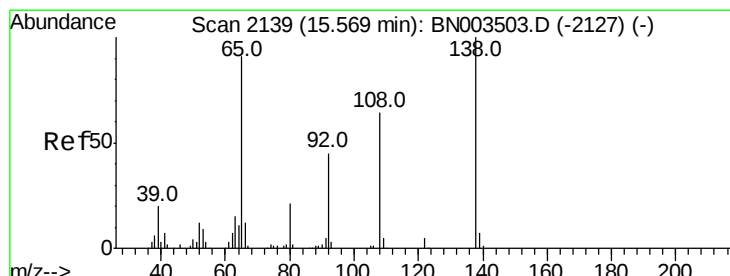
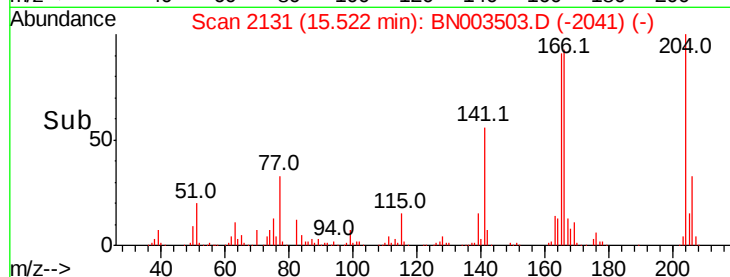
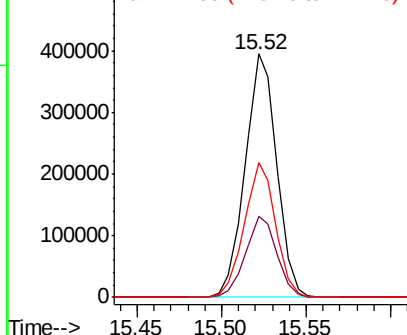
#61  
4-Chlorophenyl-phenylether  
Concen: 40.302 ng  
RT: 15.52 min Scan# 2131  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleID :  
SSTDICCC040

Tot Ion:204 Resp: 512343  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.5 39.7  
141 55.5 44.4 66.6

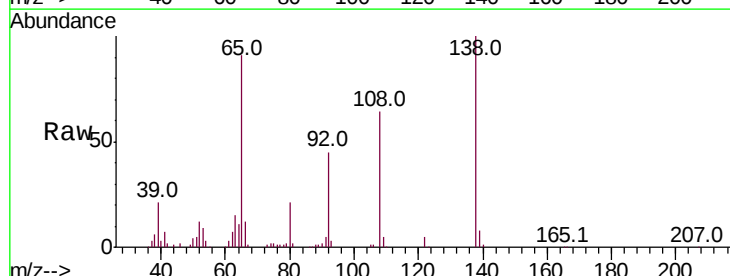


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

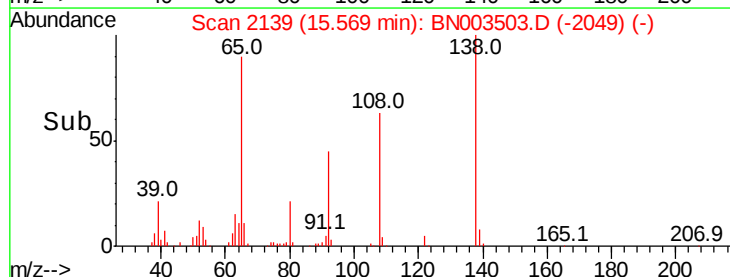
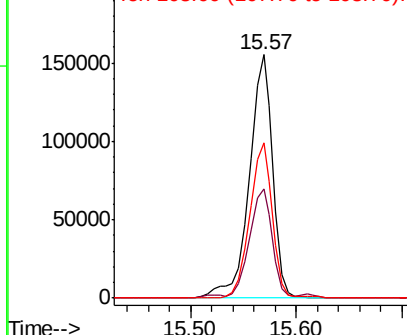


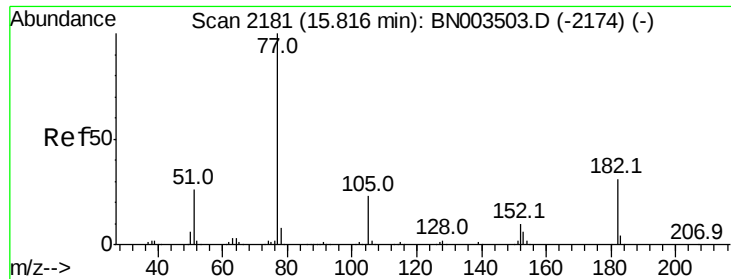
#62  
4-Nitroaniline  
Concen: 41.183 ng  
RT: 15.57 min Scan# 2139  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion:138 Resp: 240394  
Ion Ratio Lower Upper  
138 100  
92 44.7 24.7 64.7  
108 63.9 43.9 83.9



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

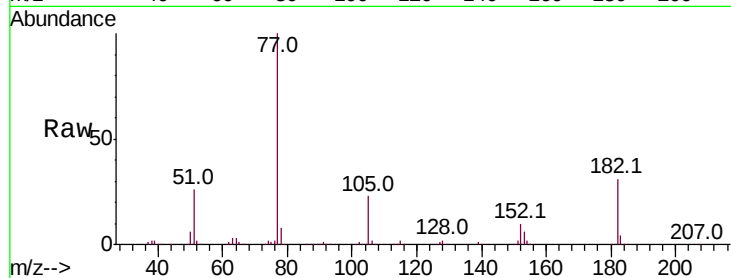




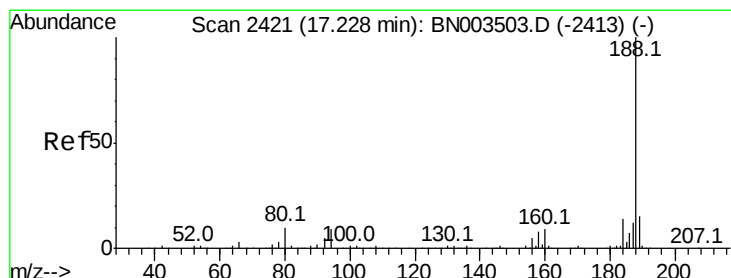
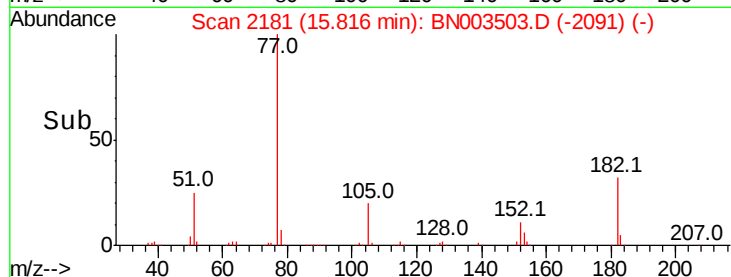
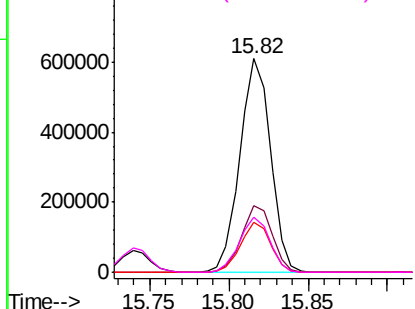
#63  
Azobenzene  
Concen: 41.322 ng  
RT: 15.82 min Scan# 2181  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 31.4  | 11.4  | 51.4  |
| 105     | 23.2  | 3.2   | 43.2  |
| 51      | 25.8  | 5.8   | 45.8  |

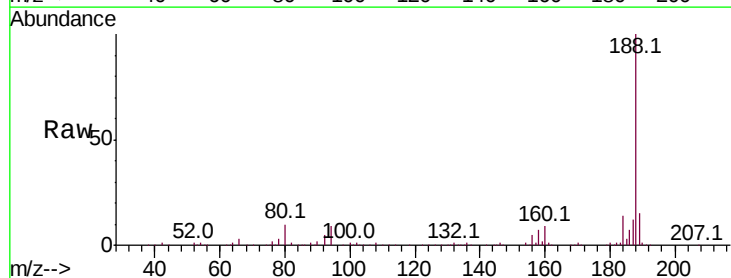


Abundance Ion 77.00 (76.70 to 77.70): BNC  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BNC

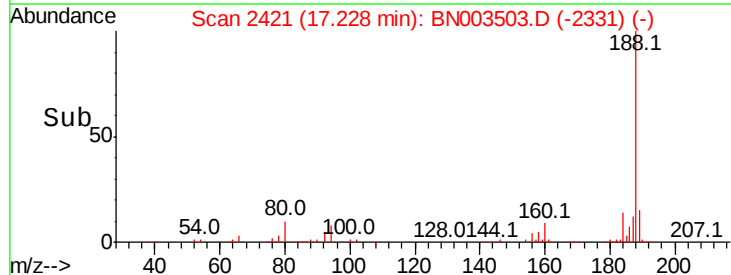
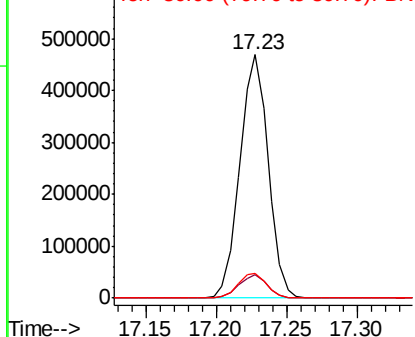


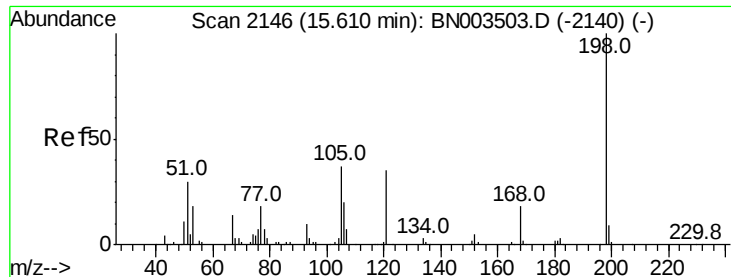
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.23 min Scan# 2421  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 9.5   | 7.6   | 11.4  |
| 80      | 10.2  | 8.2   | 12.2  |



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: 41.270 ng

RT: 15.61 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

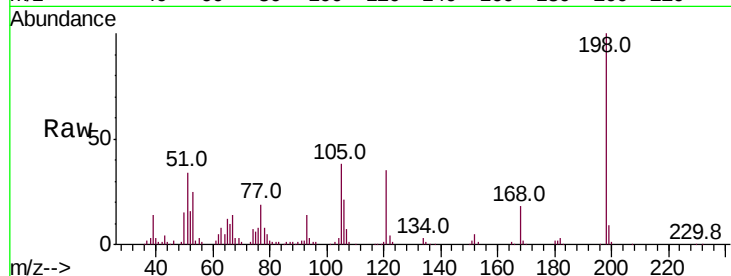
Tot Ion:198 Resp: 172667

Ion Ratio Lower Upper

198 100

51 33.8 13.8 53.8

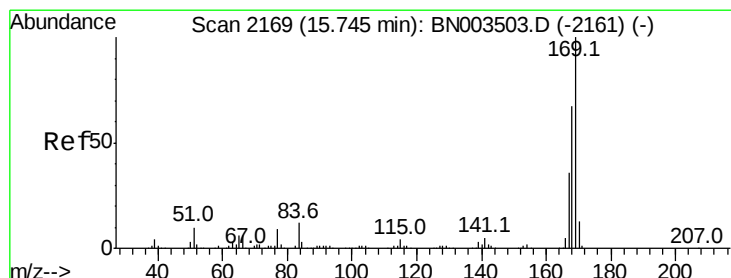
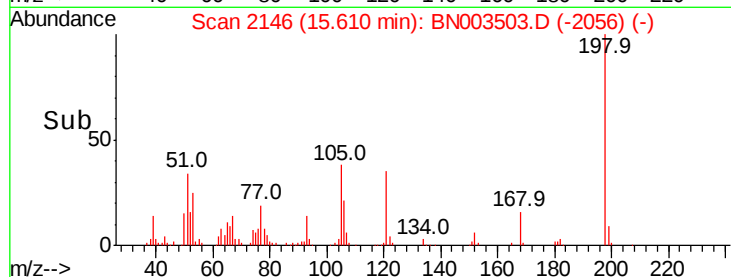
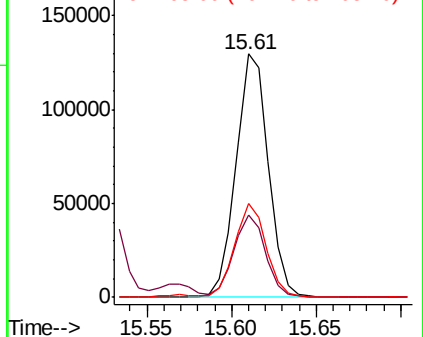
105 38.3 18.3 58.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.427 ng

RT: 15.75 min Scan# 2169

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

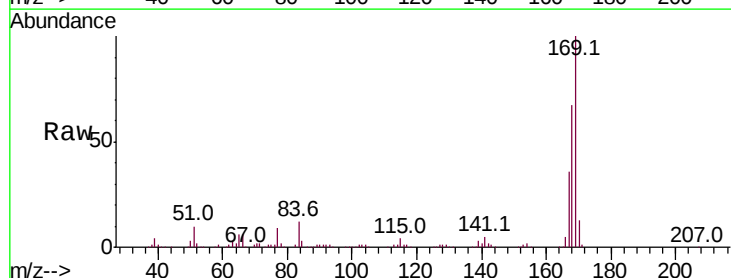
Tgt Ion:169 Resp: 841642

Ion Ratio Lower Upper

169 100

168 67.5 54.0 81.0

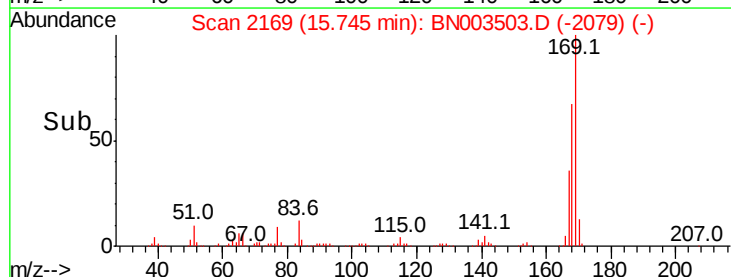
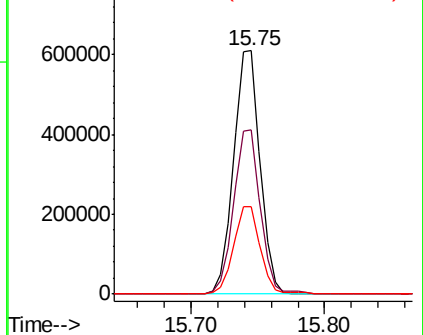
167 36.2 29.0 43.4

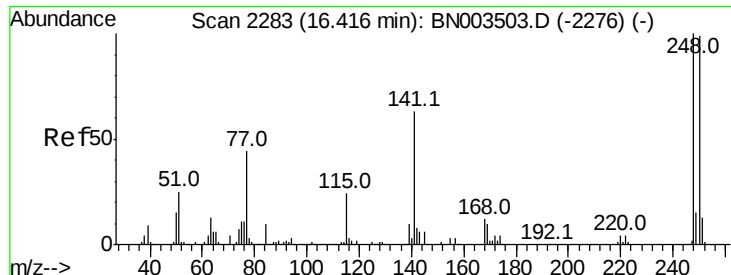


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

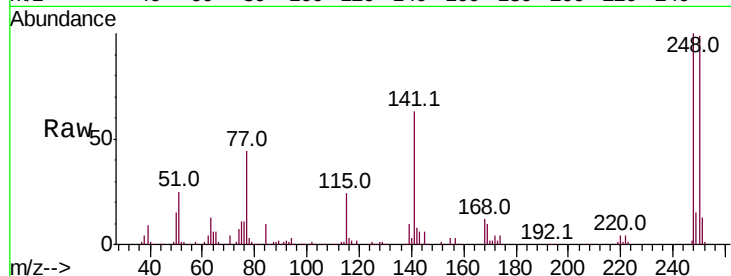




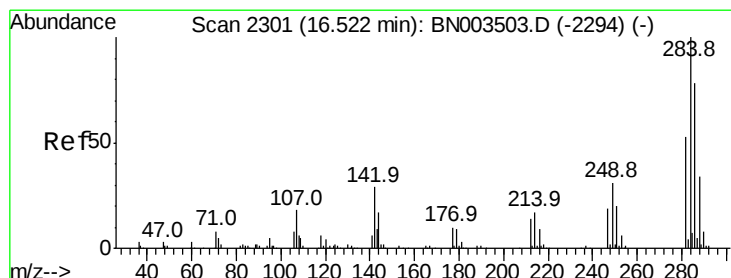
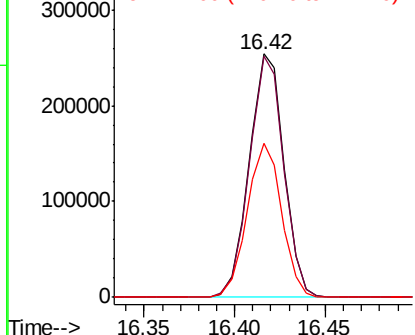
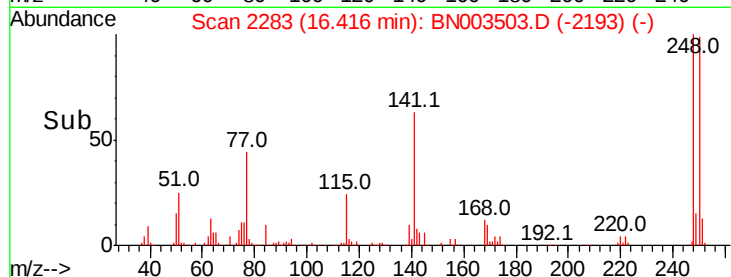
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.668 ng  
 RT: 16.42 min Scan# 2283  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

Tot Ion:248 Resp: 337164  
 Ion Ratio Lower Upper  
 248 100  
 250 98.8 79.0 118.6  
 141 63.4 50.7 76.1

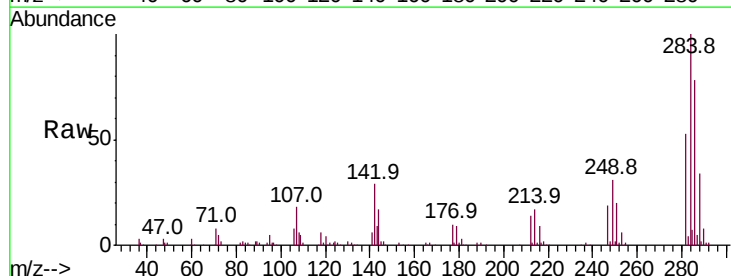


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

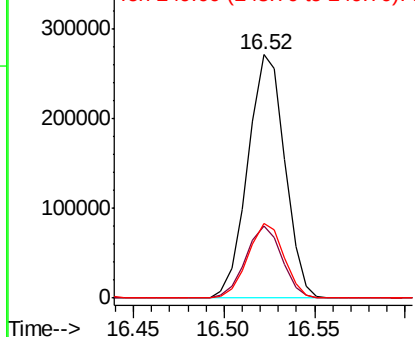
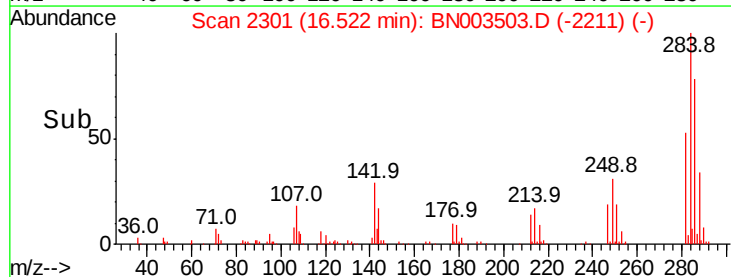


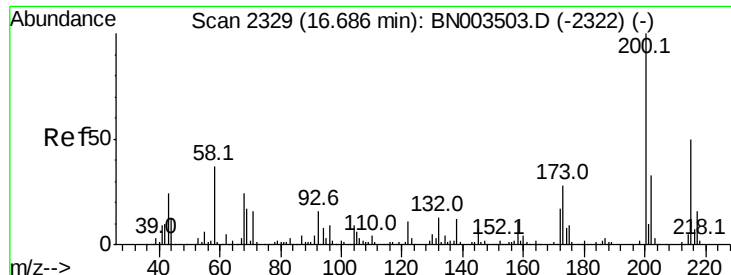
#68  
 Hexachlorobenzene  
 Concen: 39.961 ng  
 RT: 16.52 min Scan# 2301  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Tgt Ion:284 Resp: 385596  
 Ion Ratio Lower Upper  
 284 100  
 142 29.5 23.6 35.4  
 249 30.9 24.7 37.1



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: 41.978 ng

RT: 16.69 min Scan# 2329

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

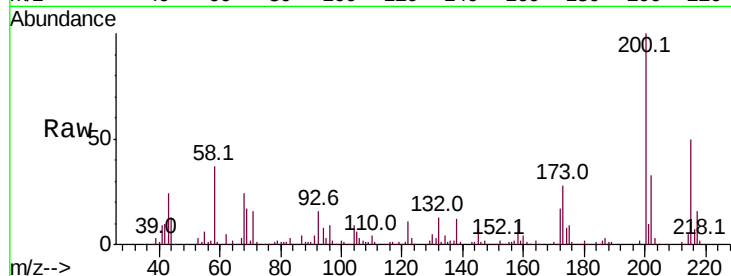
Tot Ion:200 Resp: 314993

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

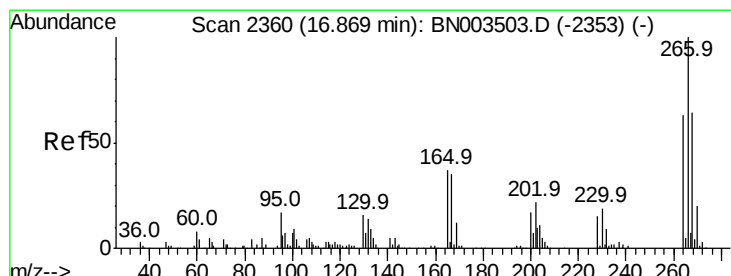
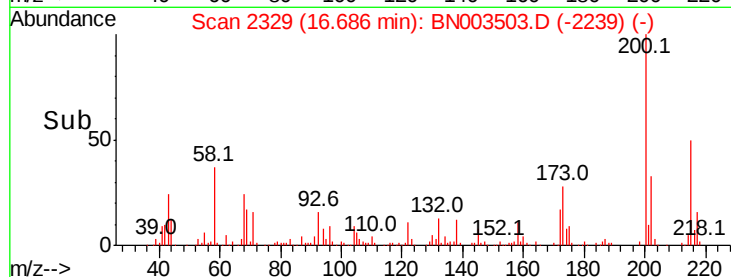
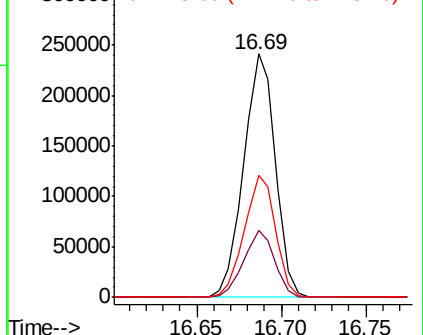
215 50.0 30.0 70.0



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: 41.041 ng

RT: 16.87 min Scan# 2360

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

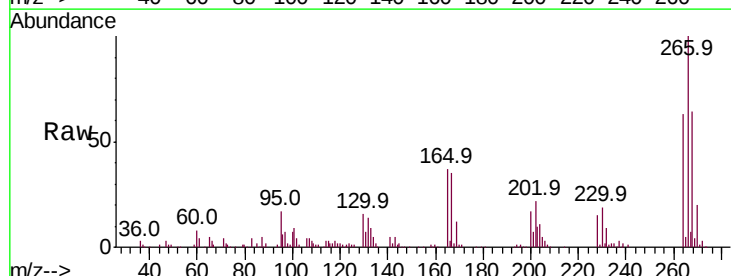
Tgt Ion:266 Resp: 263940

Ion Ratio Lower Upper

266 100

268 63.7 51.0 76.4

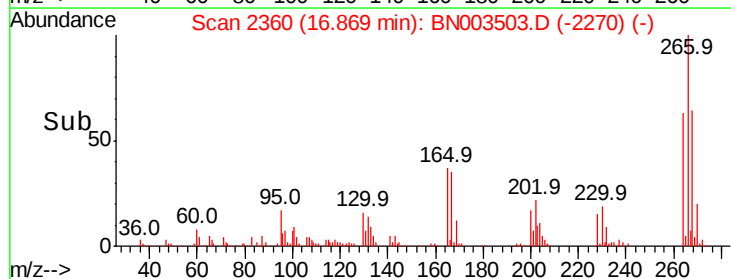
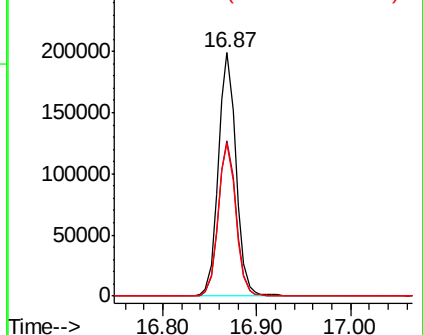
264 62.6 50.1 75.1

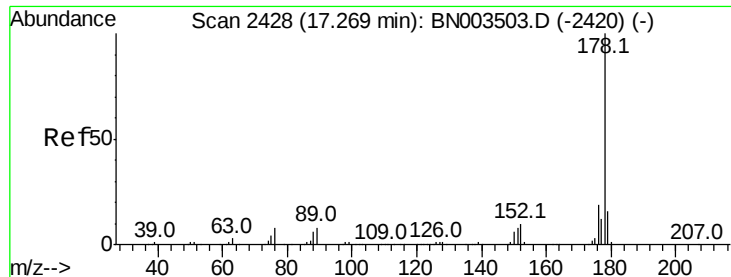


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

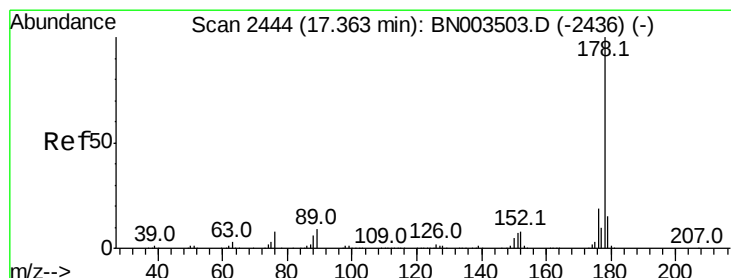
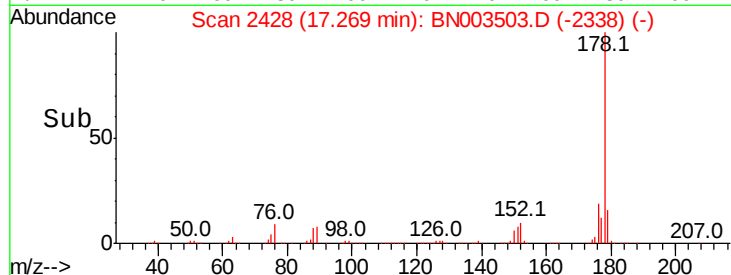
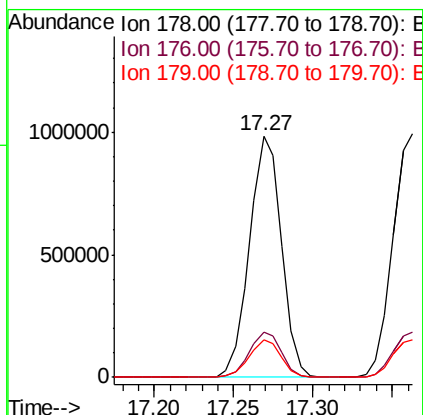
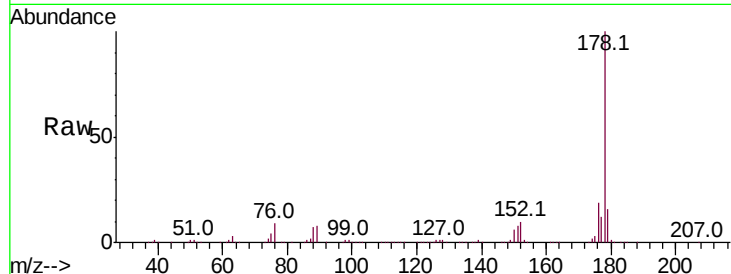




#71  
Phenanthrene  
Concen: 40.129 ng  
RT: 17.27 min Scan# 2428  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

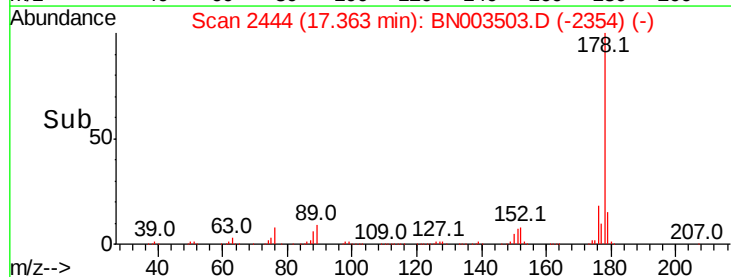
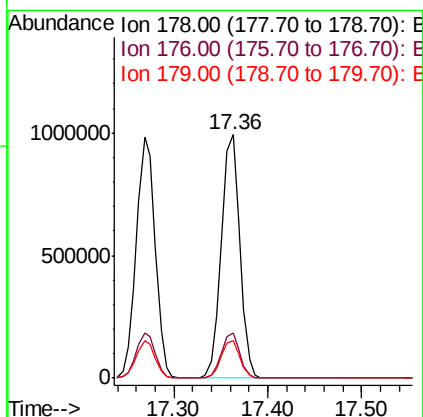
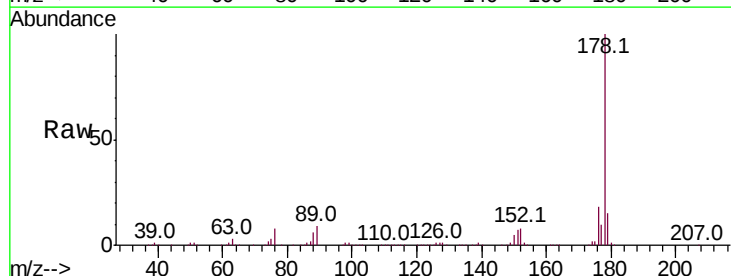
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

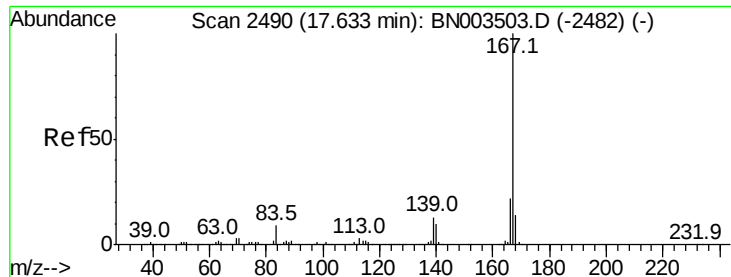
Tot Ion:178 Resp: 1377920  
Ion Ratio Lower Upper  
178 100  
176 19.0 15.2 22.8  
179 15.6 12.5 18.7



#72  
Anthracene  
Concen: 40.847 ng  
RT: 17.36 min Scan# 2444  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion:178 Resp: 1370935  
Ion Ratio Lower Upper  
178 100  
176 18.5 14.8 22.2  
179 15.4 12.3 18.5



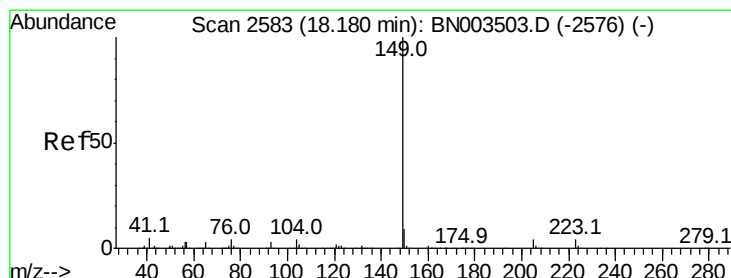
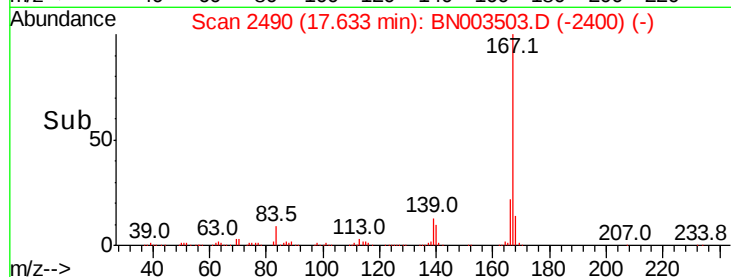
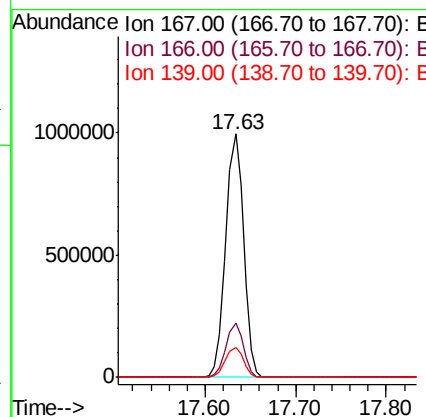
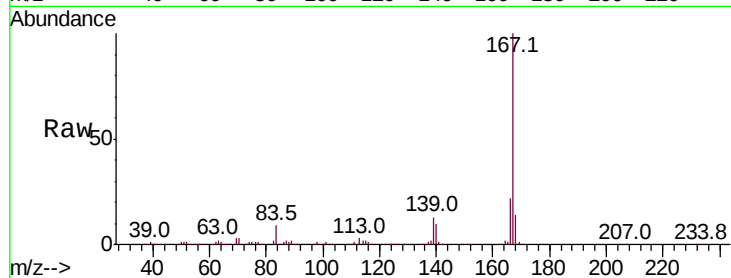


#73  
 Carbazole  
 Concen: 41.322 ng  
 RT: 17.63 min Scan# 2490  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

Tot Ion:167 Resp: 1361113  

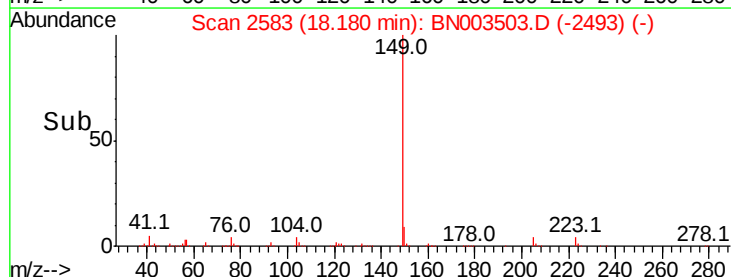
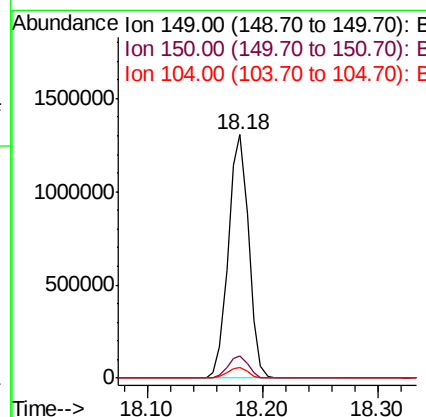
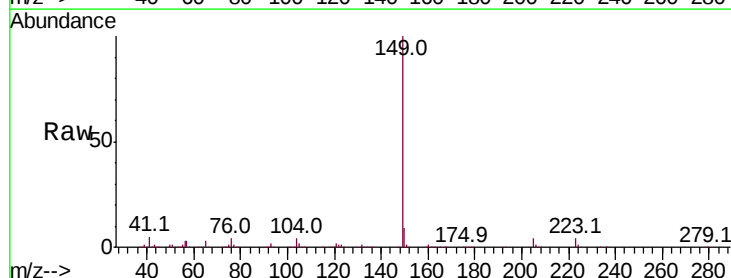
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.6  | 26.4  |
| 139 | 12.5  | 10.0  | 15.0  |

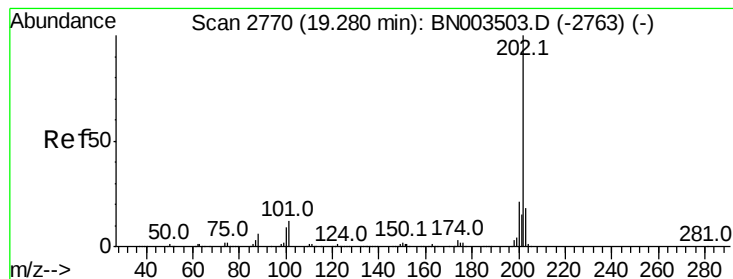


#74  
 Di-n-butylphthalate  
 Concen: 42.590 ng  
 RT: 18.18 min Scan# 2583  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Tgt Ion:149 Resp: 1585863  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.1   | 7.3   | 10.9  |
| 104 | 4.3   | 3.4   | 5.2   |





#75

Fluoranthene

Concen: 41.440 ng

RT: 19.28 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

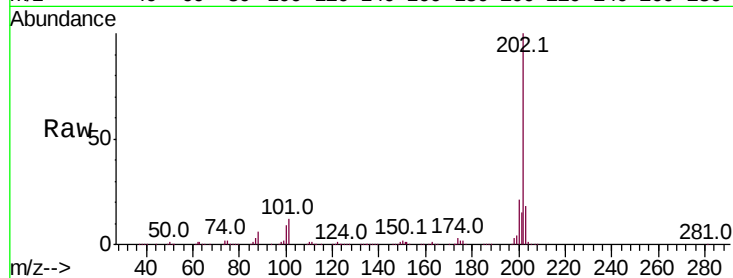
Tot Ion:202 Resp: 1501056

Ion Ratio Lower Upper

202 100

101 11.8 0.0 31.8

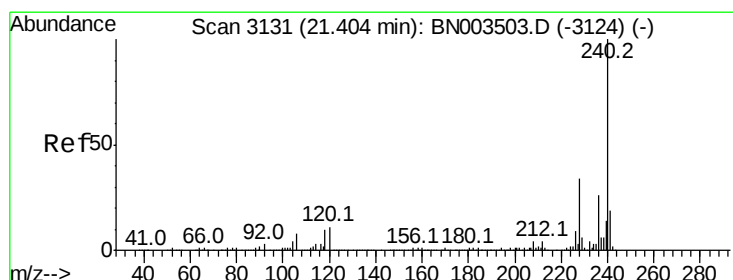
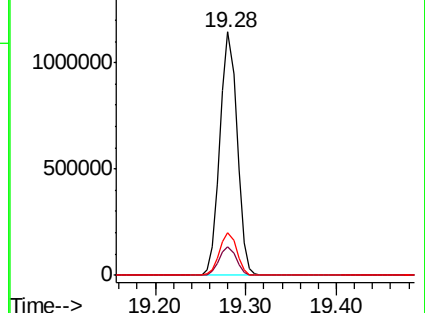
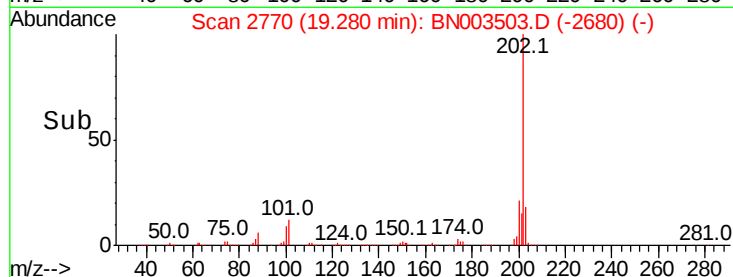
203 17.7 0.0 37.7



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: 21.40 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

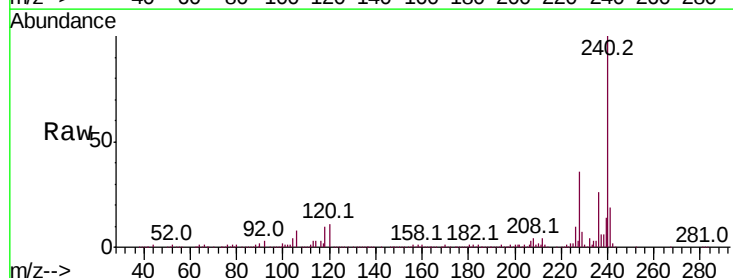
Tgt Ion:240 Resp: 547196

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

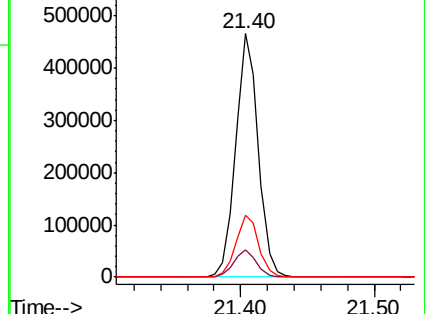
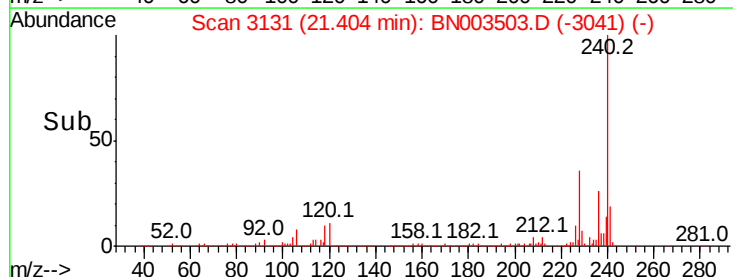
236 25.7 20.6 30.8

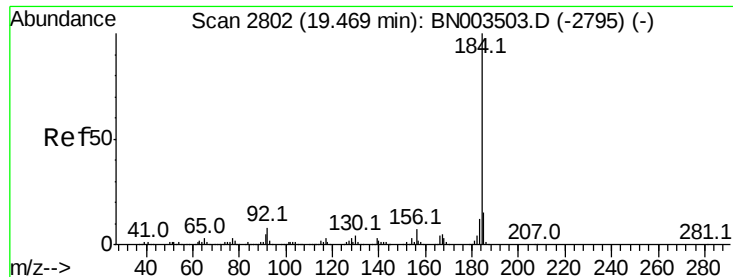


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 42.800 ng

RT: 19.47 min Scan# 2802

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

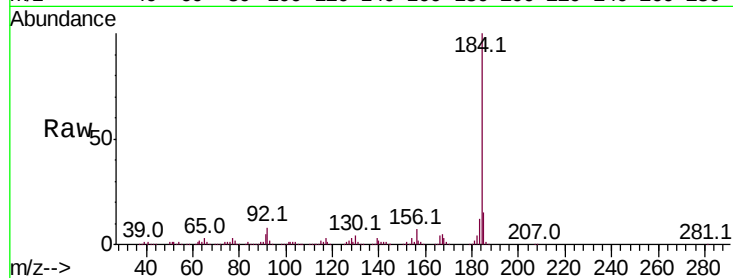
Tot Ion:184 Resp: 809941

Ion Ratio Lower Upper

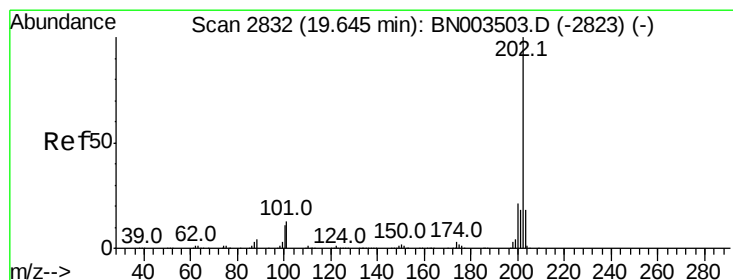
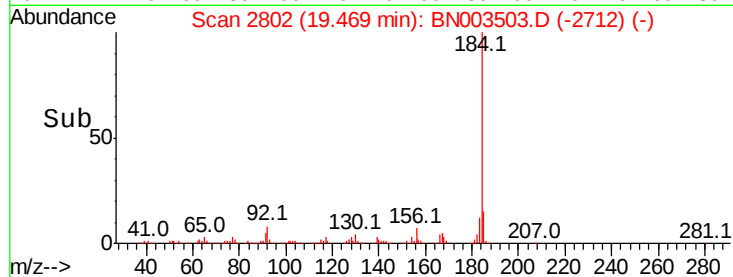
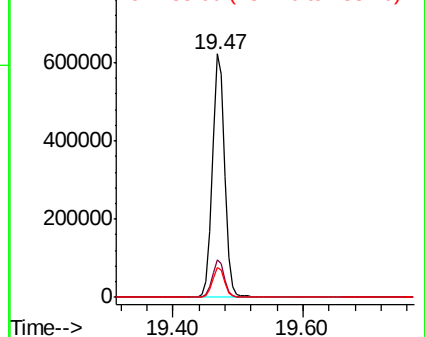
184 100

185 15.2 12.2 18.2

183 12.4 9.9 14.9



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.388 ng

RT: 19.65 min Scan# 2832

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

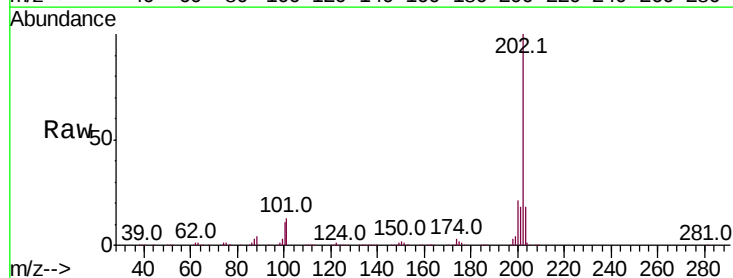
Tgt Ion:202 Resp: 1528734

Ion Ratio Lower Upper

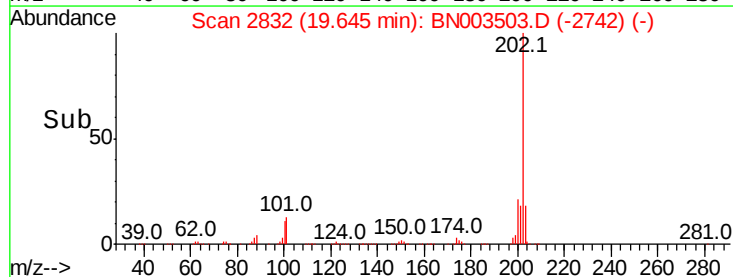
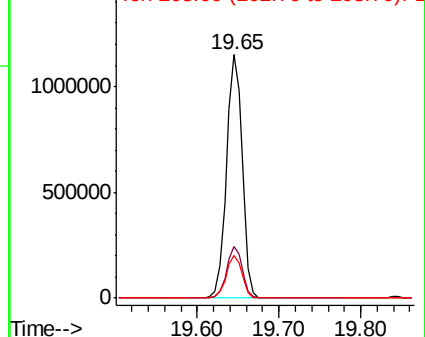
202 100

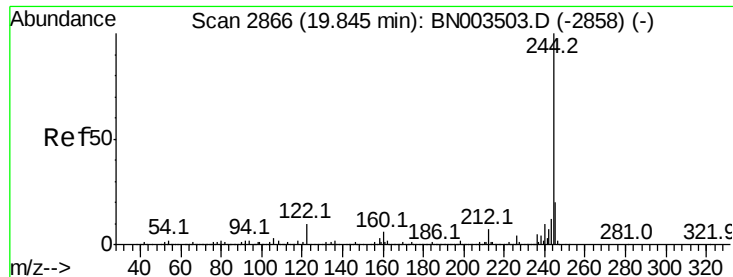
200 21.0 16.8 25.2

203 17.7 14.2 21.2



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.277 ng

RT: 19.85 min Scan# 2866

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

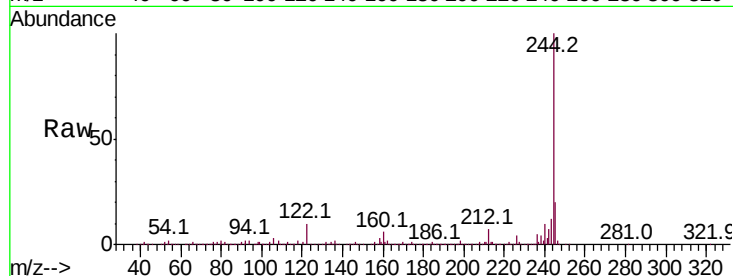
Tot Ion:244 Resp: 2286847

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

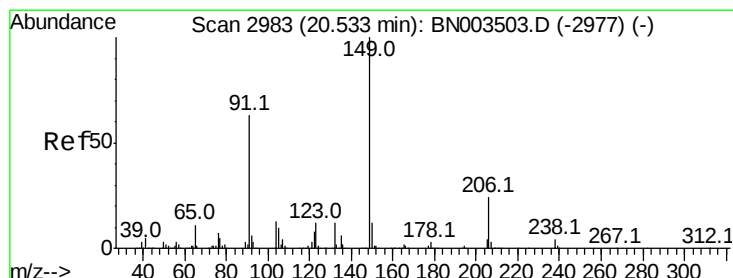
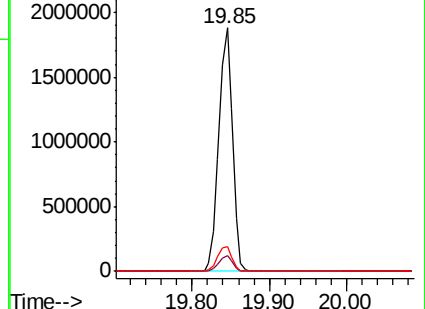
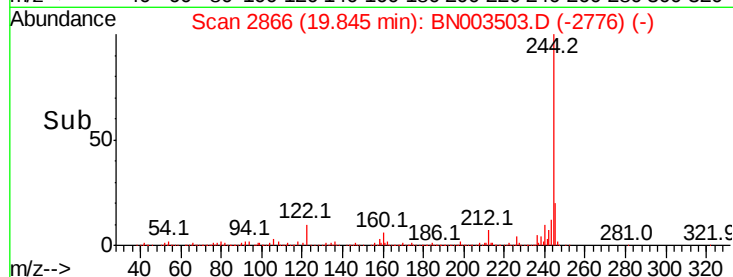
122 10.2 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.063 ng

RT: 20.53 min Scan# 2983

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

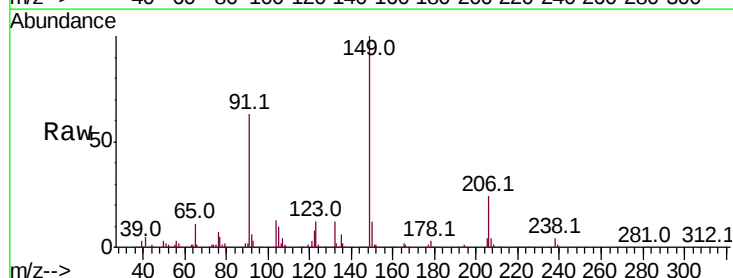
Tgt Ion:149 Resp: 650042

Ion Ratio Lower Upper

149 100

91 62.9 50.3 75.5

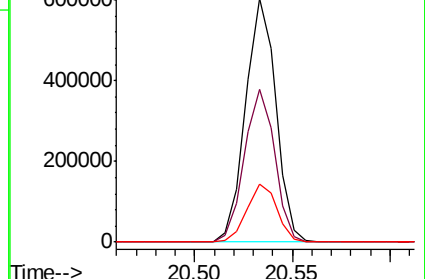
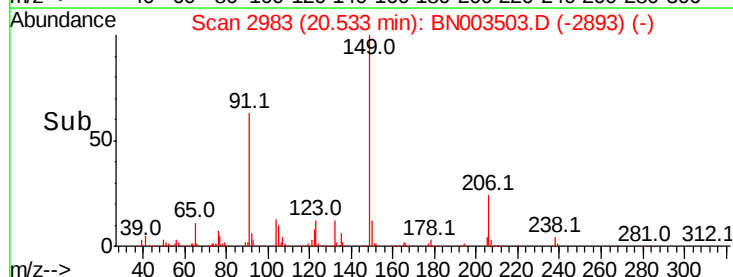
206 23.8 19.0 28.6

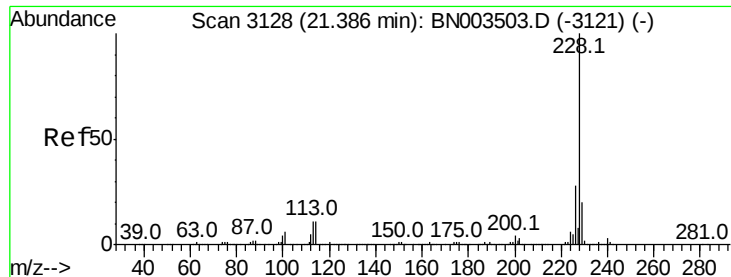


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E

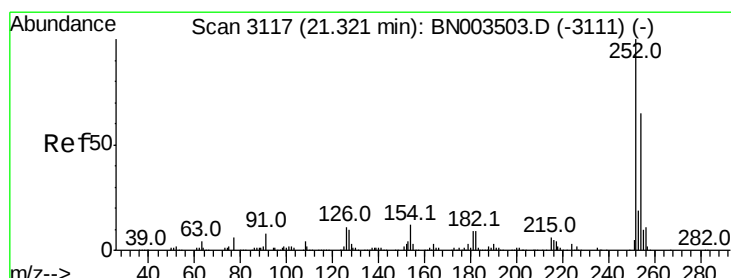
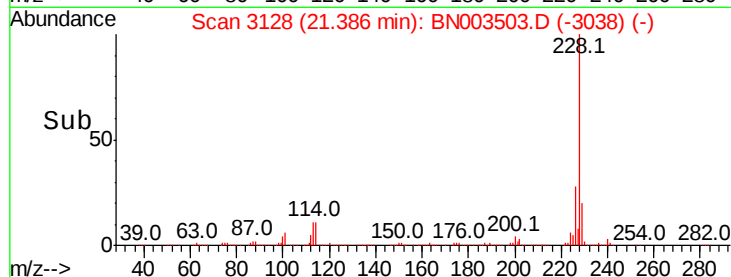
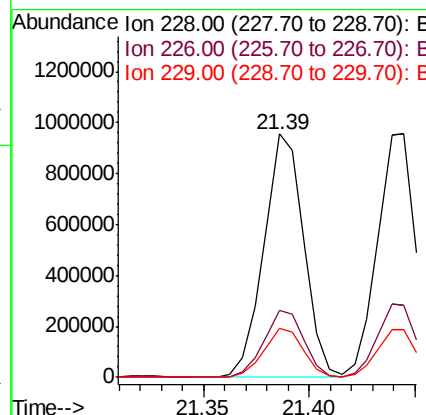
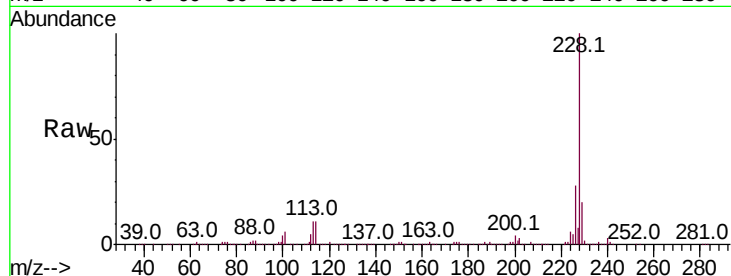




#81  
Benzo(a)anthracene  
Concen: 40.427 ng  
RT: 21.39 min Scan# 3128  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

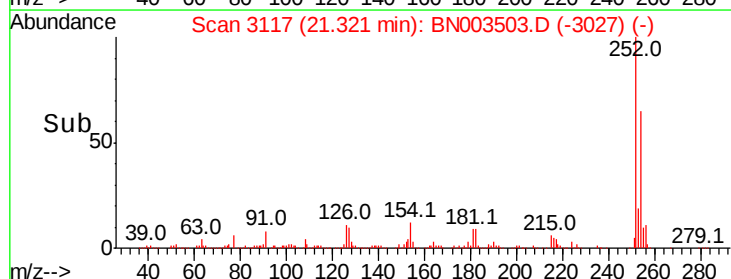
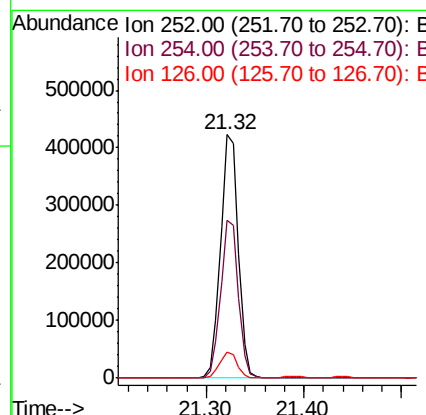
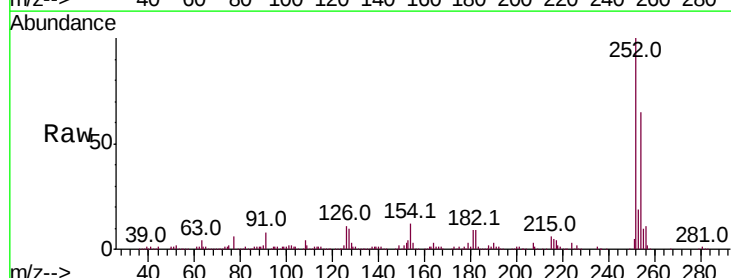
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

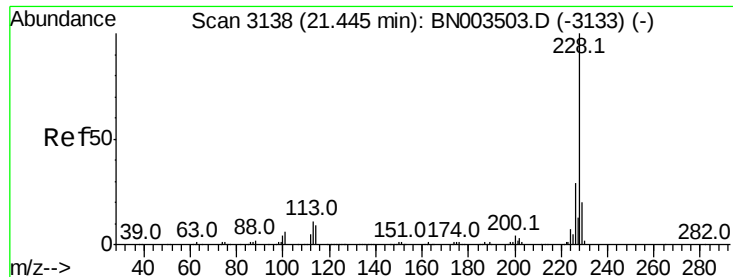
Tot Ion:228 Resp: 1258356  
Ion Ratio Lower Upper  
228 100  
226 27.5 22.0 33.0  
229 20.4 16.3 24.5



#82  
3,3'-Dichlorobenzidine  
Concen: 41.088 ng  
RT: 21.32 min Scan# 3117  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion:252 Resp: 533015  
Ion Ratio Lower Upper  
252 100  
254 64.6 51.7 77.5  
126 10.9 8.7 13.1

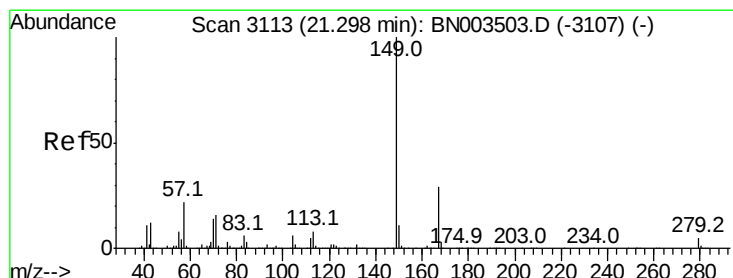
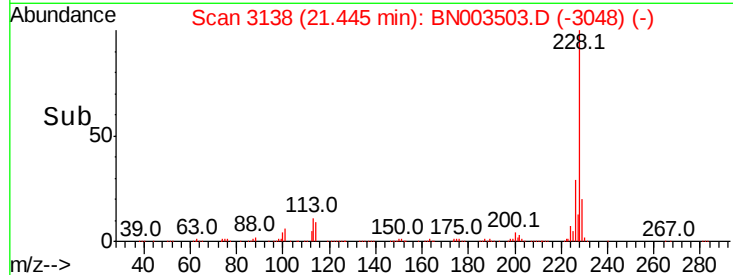
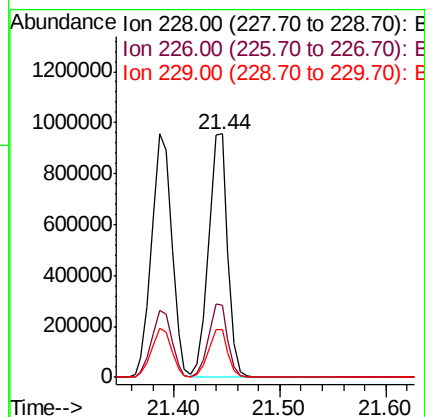
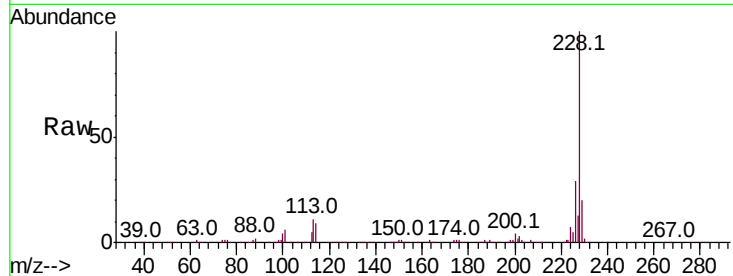




#83  
 Chrysene  
 Concen: 40.683 ng  
 RT: 21.44 min Scan# 3138  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

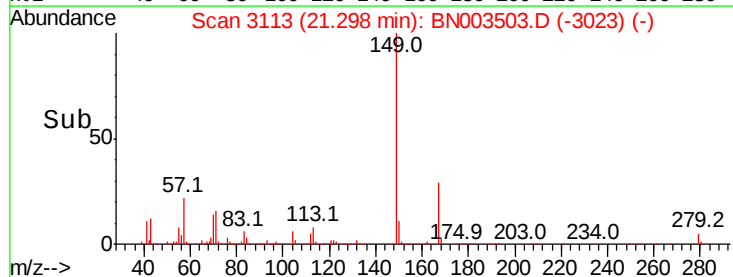
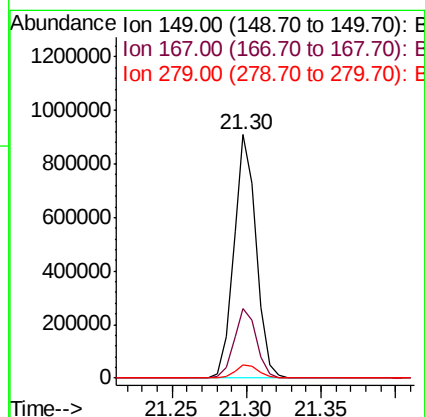
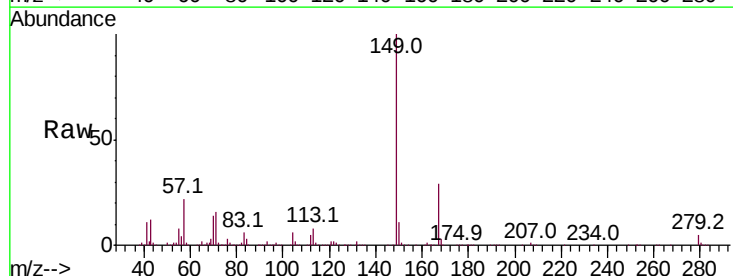
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SSTDICC040

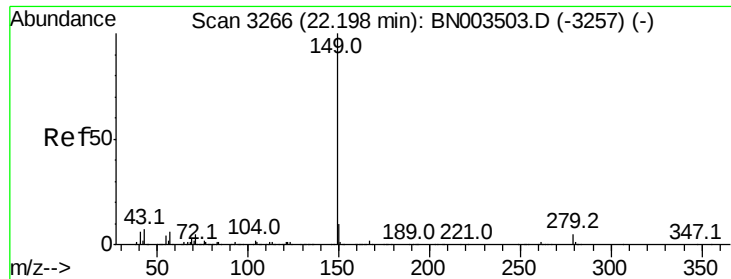
Tot Ion:228 Resp: 1211146  
 Ion Ratio Lower Upper  
 228 100  
 226 29.4 23.5 35.3  
 229 19.5 15.6 23.4



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.478 ng  
 RT: 21.30 min Scan# 3113  
 Delta R.T. 0.00 min  
 Lab File: BN003503.D  
 Acq: 12 Nov 2018 11:58

Tgt Ion:149 Resp: 952189  
 Ion Ratio Lower Upper  
 149 100  
 167 28.8 23.0 34.6  
 279 5.3 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 41.677 ng

RT: 22.20 min Scan# 3266

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

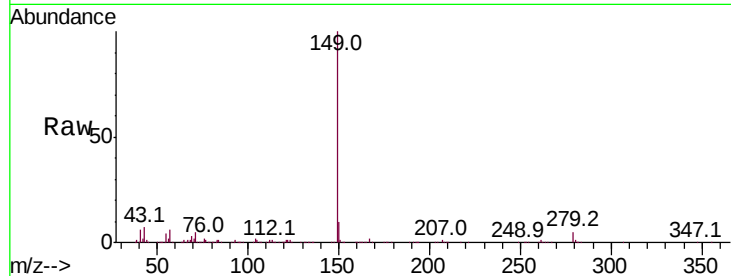
Tot Ion:149 Resp: 1420975

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

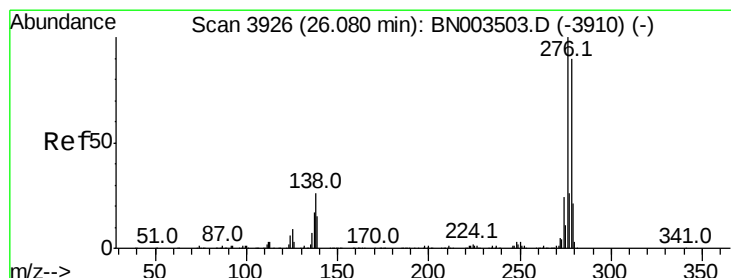
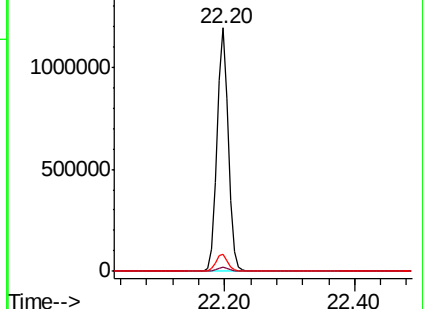
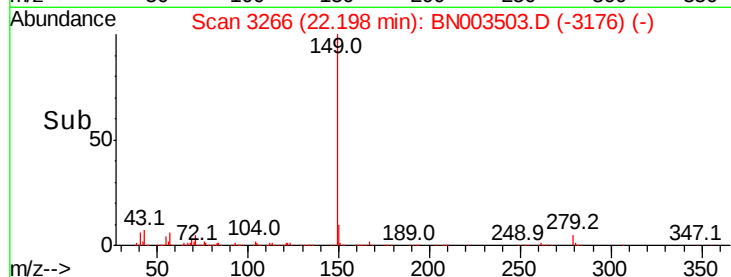
43 7.5 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.895 ng

RT: 26.08 min Scan# 3926

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

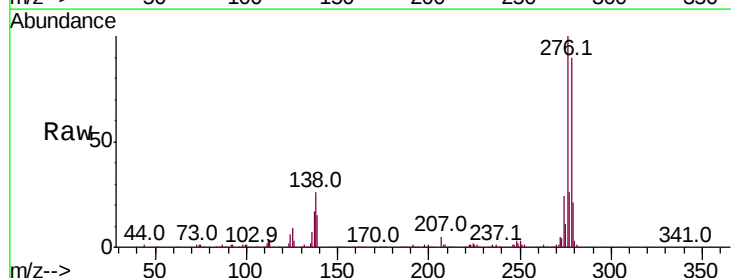
Tgt Ion:276 Resp: 1285231

Ion Ratio Lower Upper

276 100

138 25.1 20.1 30.1

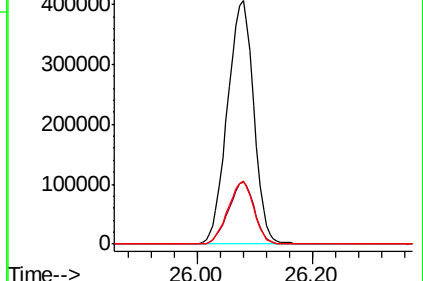
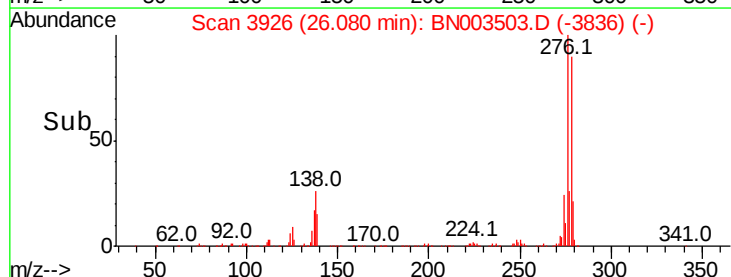
277 25.4 20.3 30.5

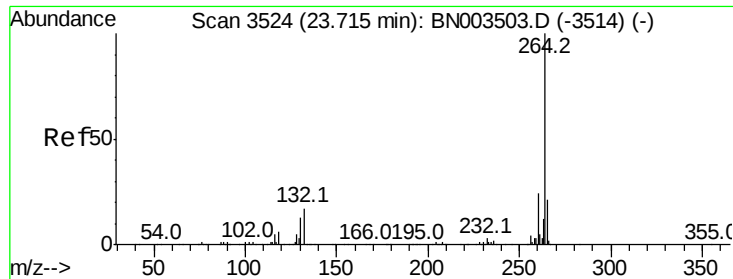


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.72 min Scan# 3524

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

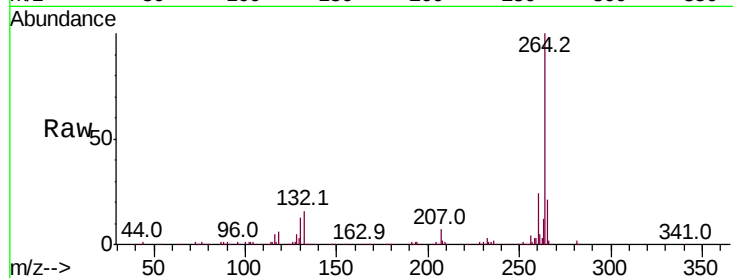
Tot Ion:264 Resp: 503032

Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

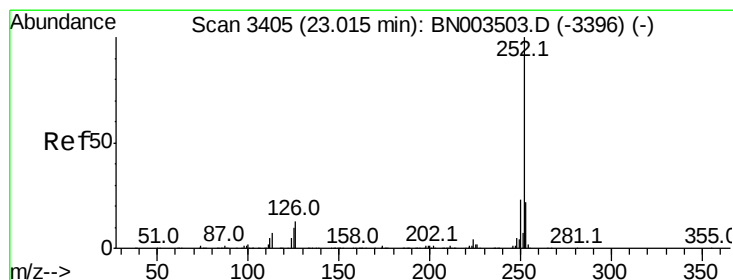
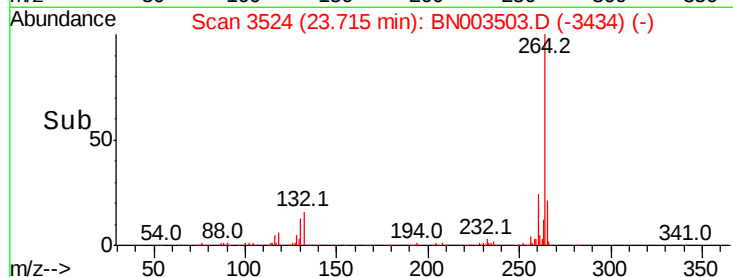
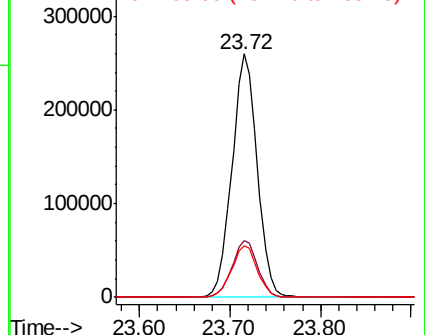
265 21.5 17.2 25.8



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: 40.865 ng

RT: 23.02 min Scan# 3405

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

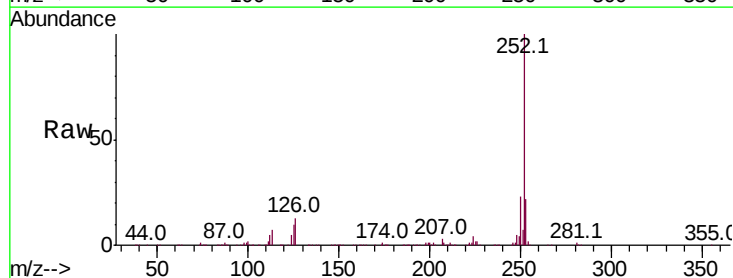
Tgt Ion:252 Resp: 1144469

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

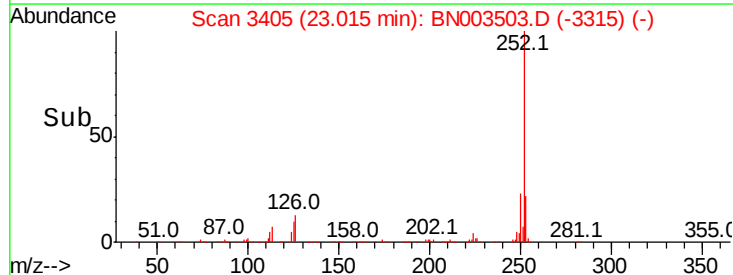
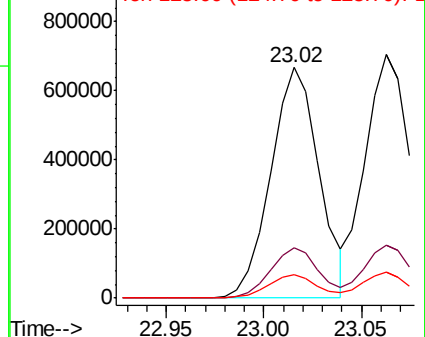
125 10.1 8.1 12.1

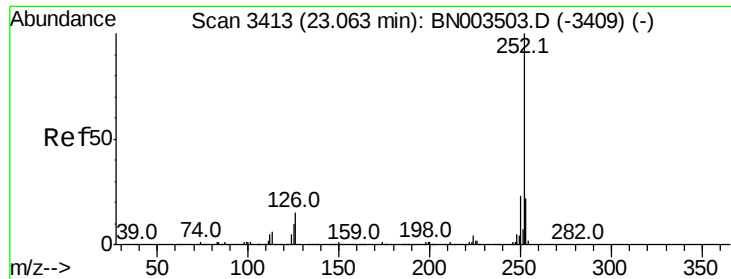


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

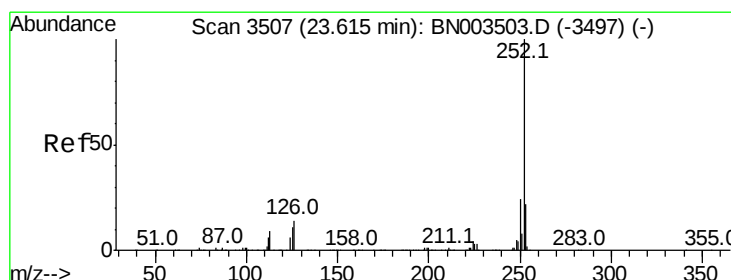
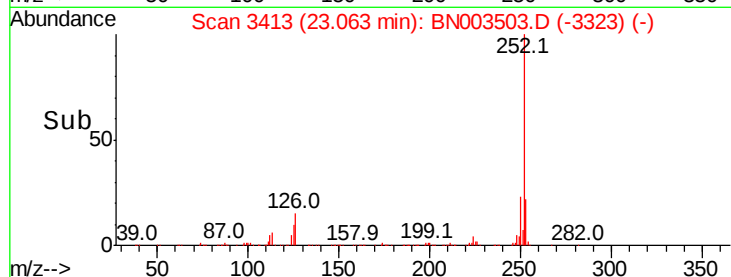
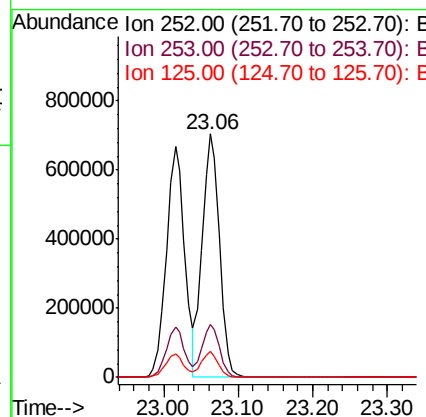
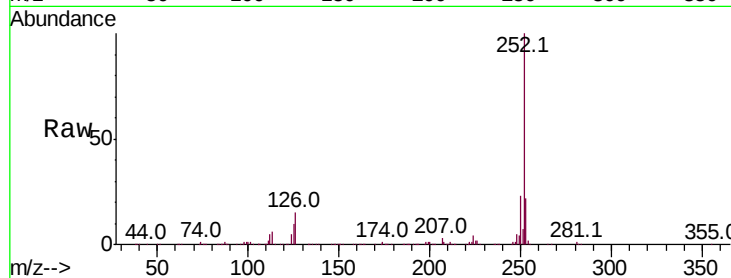




#89  
Benzo(k)fluoranthene  
Concen: 40.785 ng  
RT: 23.06 min Scan# 3413  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

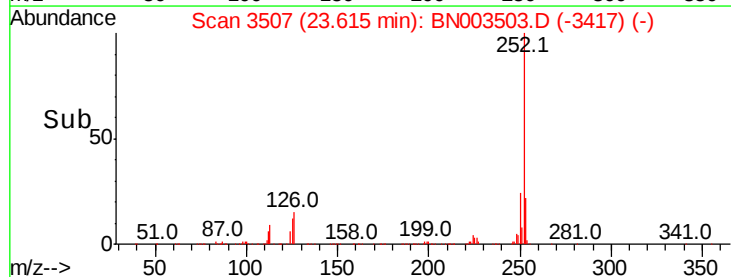
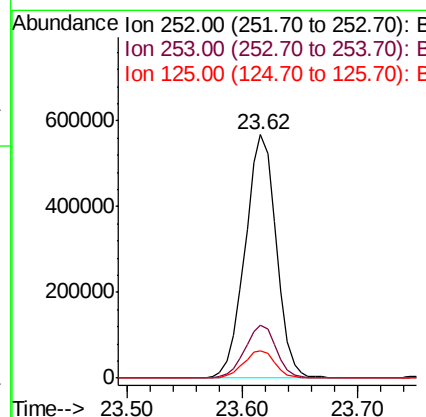
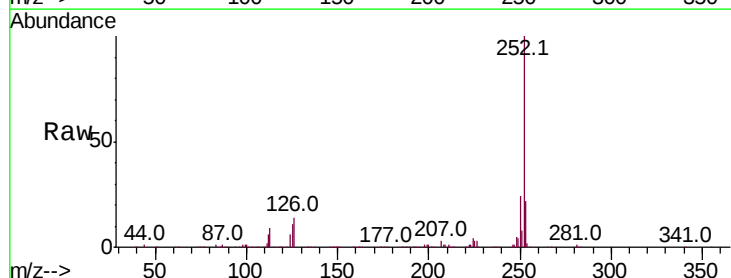
Instrument :  
BNA\_N  
ClientSampleId :  
SSTDICCC040

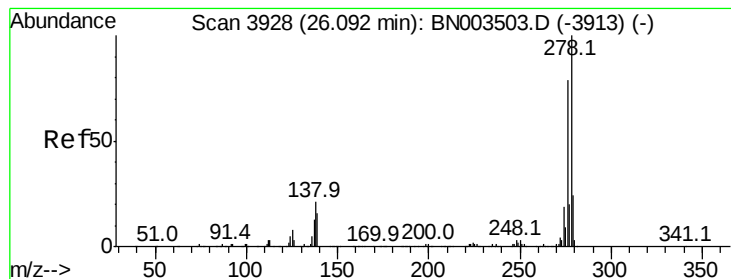
Tot Ion:252 Resp: 1136635  
Ion Ratio Lower Upper  
252 100  
253 22.0 17.6 26.4  
125 10.5 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 40.970 ng  
RT: 23.62 min Scan# 3507  
Delta R.T. 0.00 min  
Lab File: BN003503.D  
Acq: 12 Nov 2018 11:58

Tgt Ion:252 Resp: 1063135  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.5 26.3  
125 11.1 8.9 13.3





#91

Dibenzo(a,h)anthracene

Concen: 41.153 ng

RT: 26.09 min Scan# 3928

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

Instrument :

BNA\_N

ClientSampleId :

SSTDICCC040

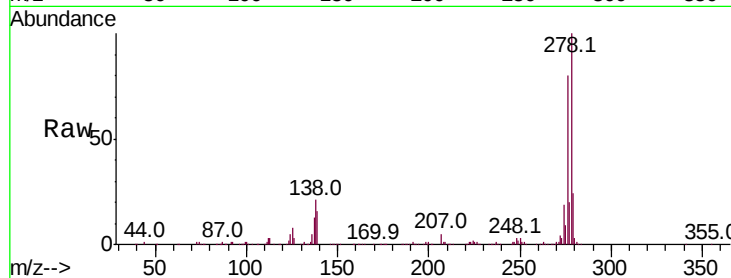
Tot Ion:278 Resp: 1087441

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.8  | 12.6  | 19.0  |
| 279 | 23.7  | 19.0  | 28.4  |

278 100

139 15.8 12.6 19.0

279 23.7 19.0 28.4

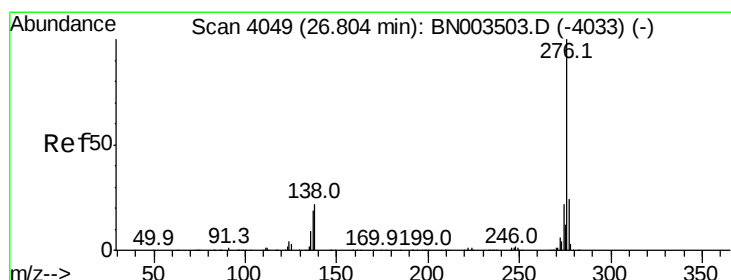
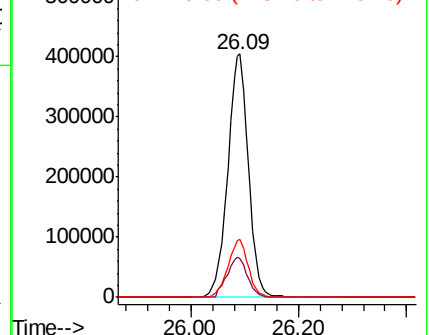
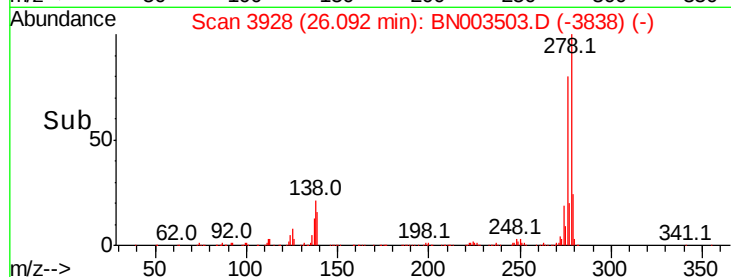


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.065 ng

RT: 26.80 min Scan# 4049

Delta R.T. 0.00 min

Lab File: BN003503.D

Acq: 12 Nov 2018 11:58

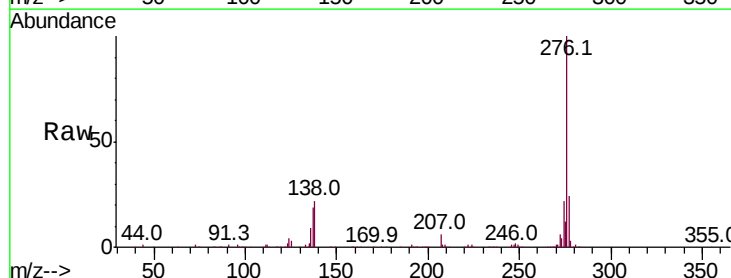
Tgt Ion:276 Resp: 1055225

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.7  | 19.0  | 28.4  |
| 138 | 21.8  | 17.4  | 26.2  |

276 100

277 23.7 19.0 28.4

138 21.8 17.4 26.2



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

