

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040218\  
 Data File : BN000698.D  
 Acq On : 02 Apr 2018 16:57  
 Operator : JU/SJ  
 Sample : SSTDC0020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Apr 03 02:11:36 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 03 02:09:38 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.40  | 152  | 158529   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 11.24 | 136  | 714630   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 15.02 | 164  | 401839   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.75 | 188  | 862943   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.88 | 240  | 849512   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 24.35 | 264  | 759434   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.58  | 96  | 33505  | 7.55  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.55  | 99  | 318985 | 21.57 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.71  | 67  | 187569 | 21.99 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.93  | 132 | 232237 | 20.77 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 9.12  | 113 | 253867 | 22.04 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.59  | 128 | 115002 | 19.81 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.31 | 143 | 121475 | 20.20 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.87 | 165 | 221639 | 20.56 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.37 | 131 | 285100 | 25.77 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.41 | 166 | 668328 | 21.05 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.72 | 160 | 852948 | 20.37 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 15.23 | 143 | 114873 | 19.49 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 16.01 | 176 | 573871 | 21.21 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 16.13 | 200 | 84675  | 17.13 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.85 | 188 | 839313 | 20.23 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 20.11 | 212 | 895806 | 19.10 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.19 | 264 | 748192 | 20.87 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 2) 1,4-Dioxane                 | 3.62  | 88  | 35354  | 7.398  | ng/uL# | 85  |
| 4) Benzaldehyde                | 7.53  | 77  | 141525 | 23.470 | ng/ul  | 93  |
| 6) Phenol                      | 7.58  | 94  | 327614 | 21.712 | ng/ul  | 93  |
| 8) Bis(2-Chloroethyl)ether     | 7.81  | 93  | 258752 | 21.610 | ng/ul  | 95  |
| 10) 2-Chlorophenol             | 7.97  | 128 | 236207 | 20.687 | ng/ul  | 98  |
| 11) 2-Methylphenol             | 8.85  | 108 | 240926 | 21.771 | ng/ul  | 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.93  | 45  | 290809 | 22.536 | ng/ul# | 94  |
| 14) Acetophenone               | 9.24  | 105 | 387176 | 22.609 | ng/ul  | 98  |
| 15) N-Nitroso-di-n-propylamine | 9.21  | 70  | 197067 | 22.002 | ng/ul  | 93  |
| 16) 4-Methylphenol             | 9.18  | 108 | 263267 | 22.221 | ng/ul  | 95  |
| 17) Hexachloroethane           | 9.50  | 117 | 96364  | 20.228 | ng/ul# | 72  |
| 20) Nitrobenzene               | 9.63  | 77  | 294084 | 20.526 | ng/ul  | 95  |
| 21) Isophorone                 | 10.15 | 82  | 563405 | 20.628 | ng/ul  | 98  |
| 23) 2-Nitrophenol              | 10.35 | 139 | 132026 | 20.416 | ng/ul  | 94  |
| 24) 2,4-Dimethylphenol         | 10.40 | 107 | 289100 | 20.754 | ng/ul  | 96  |
| 25) Bis(2-Chloroethoxy)methane | 10.63 | 93  | 354237 | 20.536 | ng/ul  | 97  |
| 27) 2,4-Dichlorophenol         | 10.90 | 162 | 217027 | 20.747 | ng/ul# | 95  |
| 28) Naphthalene                | 11.30 | 128 | 767505 | 20.451 | ng/ul  | 99  |
| 30) 4-Chloroaniline            | 11.40 | 127 | 288030 | 25.650 | ng/ul  | 98  |
| 31) Hexachlorobutadiene        | 11.56 | 225 | 119642 | 20.640 | ng/ul  | 97  |
| 32) Caprolactam                | 12.14 | 113 | 85974  | 22.483 | ng/ul  | 90  |
| 33) 4-Chloro-3-methylphenol    | 12.51 | 107 | 267752 | 21.773 | ng/ul  | 97  |
| 34) 2-Methylnaphthalene        | 12.88 | 142 | 529120 | 21.118 | ng/ul  | 100 |

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040218\  
 Data File : BN000698.D  
 Acq On : 02 Apr 2018 16:57  
 Operator : JU/SJ  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

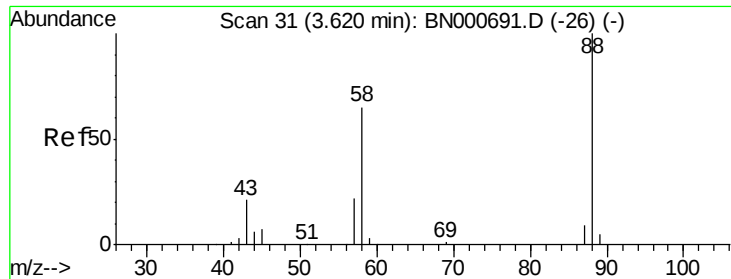
Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Apr 03 02:11:36 2018  
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Apr 03 02:09:38 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 13.24 | 216  | 238822   | 19.782 | ng/ul# | 95       |
| 37) Hexachlorocyclopentadiene  | 13.21 | 237  | 113470   | 18.025 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 13.47 | 196  | 157759   | 19.265 | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 13.56 | 196  | 164694   | 19.288 | ng/ul  | 97       |
| 40) 1,1'-Biphenyl              | 13.86 | 154  | 678396   | 19.832 | ng/ul# | 93       |
| 41) 2-Chloronaphthalene        | 13.91 | 162  | 522936   | 19.831 | ng/ul  | 95       |
| 42) 2-Nitroaniline             | 14.11 | 65   | 170820   | 21.380 | ng/ul  | 95       |
| 44) Dimethylphthalate          | 14.46 | 163  | 660369   | 21.029 | ng/ul# | 99       |
| 45) 2,6-Dinitrotoluene         | 14.60 | 165  | 134386   | 21.237 | ng/ul  | 90       |
| 47) Acenaphthylene             | 14.75 | 152  | 833290   | 20.310 | ng/ul  | 100      |
| 48) 3-Nitroaniline             | 14.92 | 138  | 145947   | 23.888 | ng/ul# | 88       |
| 49) Acenaphthene               | 15.09 | 153  | 568429   | 20.320 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 15.14 | 184  | 103149   | 34.551 | ng/ul# | 76       |
| 52) 4-Nitrophenol              | 15.24 | 109  | 93647    | 20.557 | ng/ul  | 88       |
| 53) Dibenzofuran               | 15.42 | 168  | 785386   | 20.671 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 15.38 | 165  | 199249   | 22.210 | ng/ul  | 92       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.64 | 232  | 128008   | 19.632 | ng/ul# | 95       |
| 56) Diethylphthalate           | 15.81 | 149  | 689307   | 21.506 | ng/ul  | 96       |
| 58) Fluorene                   | 16.07 | 166  | 634417   | 21.012 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 16.04 | 204  | 297131   | 21.298 | ng/ul# | 86       |
| 60) 4-Nitroaniline             | 16.08 | 138  | 166200   | 24.214 | ng/ul  | 91       |
| 63) 4,6-Dinitro-2-methylphenol | 16.14 | 198  | 89457    | 17.145 | ng/ul# | 85       |
| 64) N-Nitrosodiphenylamine     | 16.25 | 169  | 552240   | 19.426 | ng/ul  | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.93 | 248  | 177305   | 20.158 | ng/ul# | 86       |
| 66) Hexachlorobenzene          | 17.06 | 284  | 192781   | 20.757 | ng/ul# | 84       |
| 67) Atrazine                   | 17.18 | 200  | 189037   | 22.047 | ng/ul  | 97       |
| 68) Pentachlorophenol          | 17.41 | 266  | 80716    | 16.462 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.80 | 178  | 1000223  | 20.120 | ng/ul  | 100      |
| 71) Anthracene                 | 17.88 | 178  | 1026393  | 20.135 | ng/ul  | 98       |
| 72) Carbazole                  | 18.15 | 167  | 939170   | 21.485 | ng/ul# | 97       |
| 73) Di-n-butylphthalate        | 18.67 | 149  | 1202370  | 20.226 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.78 | 202  | 1134226  | 22.960 | ng/ul# | 82       |
| 77) Pyrene                     | 20.14 | 202  | 1148016  | 18.502 | ng/ul# | 79       |
| 78) Butylbenzylphthalate       | 20.98 | 149  | 577248   | 18.729 | ng/ul# | 86       |
| 79) 3,3'-Dichlorobenzidine     | 21.78 | 252  | 304651   | 18.356 | ng/ul# | 97       |
| 80) Benzo(a)anthracene         | 21.86 | 228  | 1102015  | 19.470 | ng/ul  | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.74 | 149  | 837524   | 18.718 | ng/ul# | 97       |
| 82) Chrysene                   | 21.91 | 228  | 1028825  | 19.389 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.68 | 149  | 1434274  | 22.438 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 23.60 | 252  | 977728   | 20.375 | ng/ul# | 96       |
| 86) Benzo(k)fluoranthene       | 23.65 | 252  | 989000   | 21.349 | ng/ul# | 96       |
| 88) Benzo(a)pyrene             | 24.25 | 252  | 914846   | 20.257 | ng/ul# | 95       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.91 | 276  | 893335   | 18.344 | ng/ul# | 82       |
| 90) Dibenzo(a,h)anthracene     | 26.92 | 278  | 745194   | 18.369 | ng/ul# | 92       |
| 91) Benzo(g,h,i)perylene       | 27.70 | 276  | 719654   | 17.783 | ng/ul# | 87       |

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





#2

1,4-Dioxane

Concen: 7.398 ng/uL

RT: 3.62 min Scan# 31

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

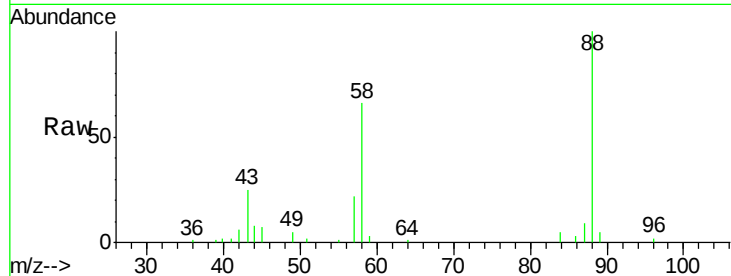
Instrument :

BNA\_N

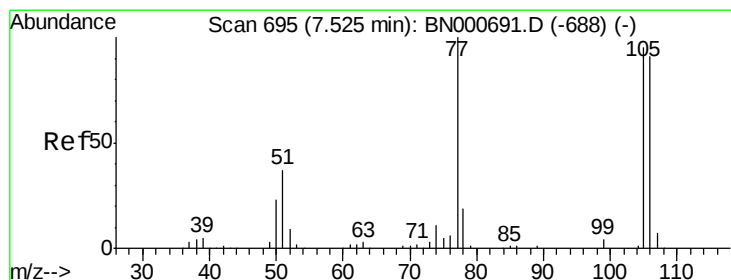
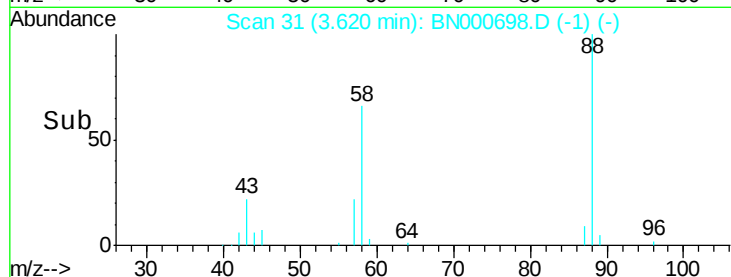
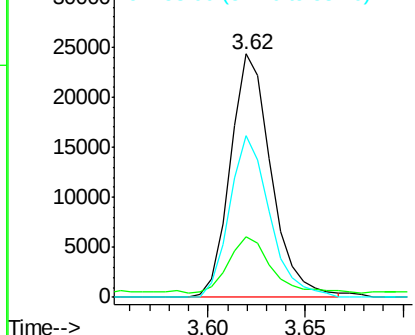
ClientSampled :

Tot Ion: 88 Resp: 35354

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 88  | 100   |       |       |
| 43  | 24.6  | 29.0  | 43.4# |
| 58  | 66.5  | 45.9  | 68.9  |



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



#4

Benzaldehyde

Concen: 23.470 ng/uL

RT: 7.53 min Scan# 695

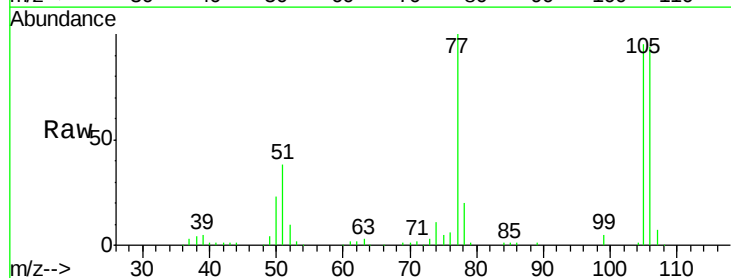
Delta R.T. 0.00 min

Lab File: BN000698.D

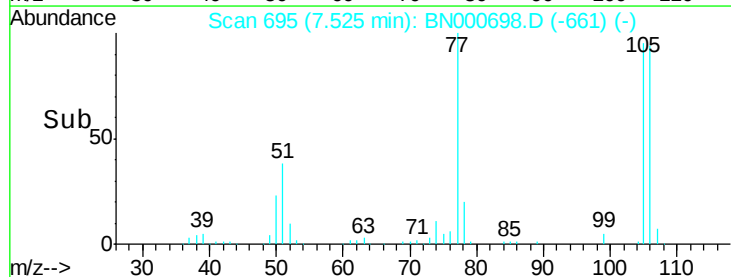
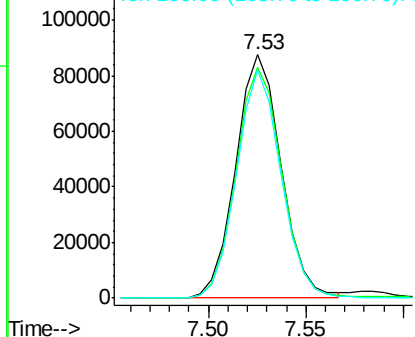
Acq: 02 Apr 2018 16:57

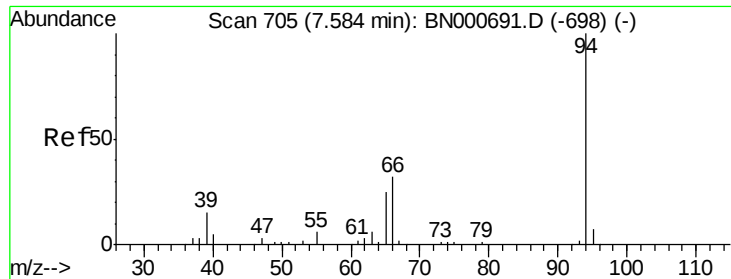
Tgt Ion: 77 Resp: 141525

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 94.9  | 71.0  | 106.6 |
| 106 | 93.9  | 69.5  | 104.3 |



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





#6

Phenol

Concen: 21.712 ng/ul

RT: 7.58 min Scan# 705

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

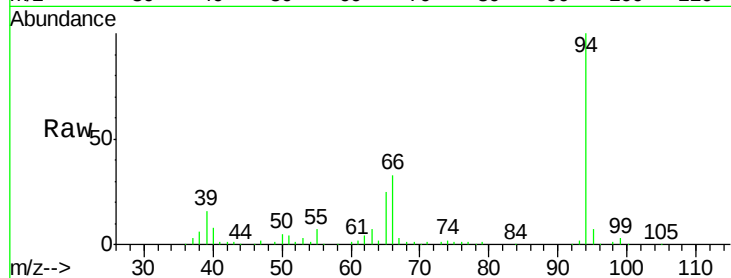
Tot Ion: 94 Resp: 327614

Ion Ratio Lower Upper

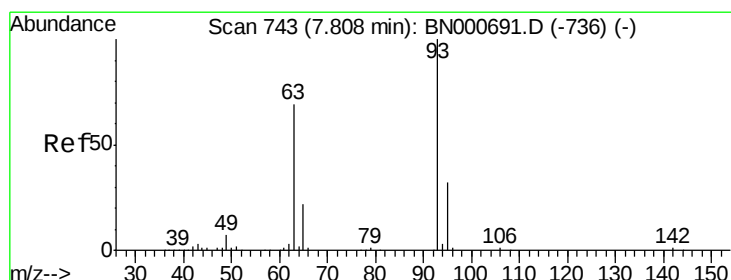
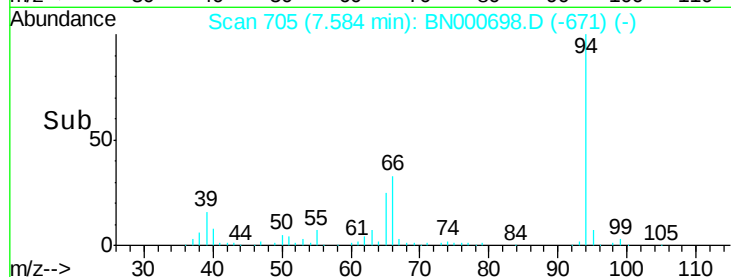
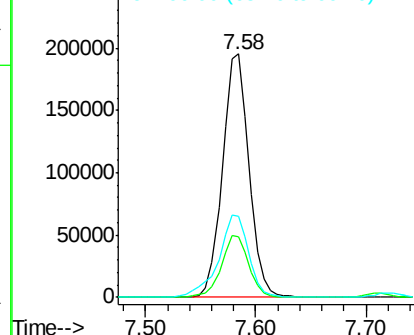
94 100

65 25.1 23.0 34.6

66 33.4 30.4 45.6



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



#8

Bis(2-Chloroethyl)ether

Concen: 21.610 ng/ul

RT: 7.81 min Scan# 743

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

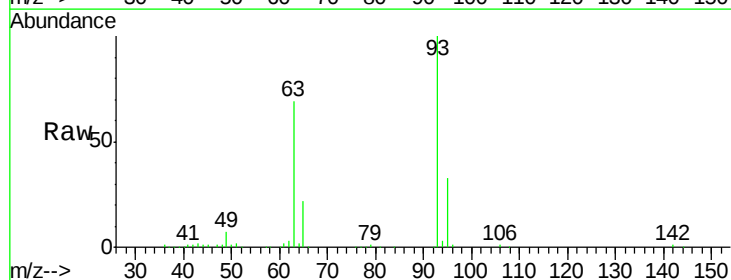
Tgt Ion: 93 Resp: 258752

Ion Ratio Lower Upper

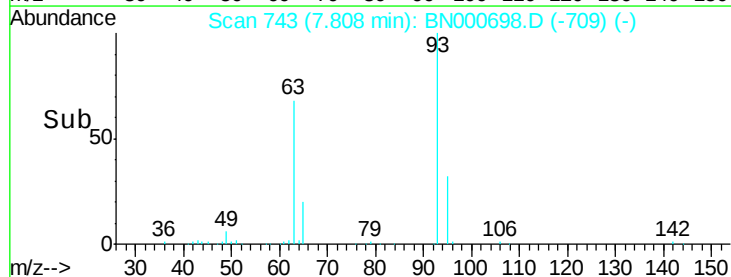
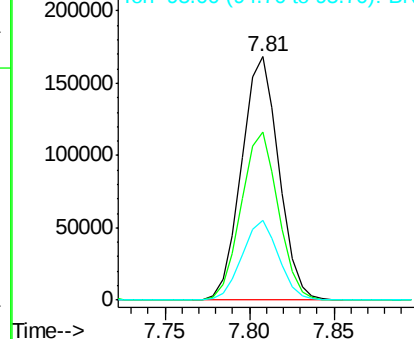
93 100

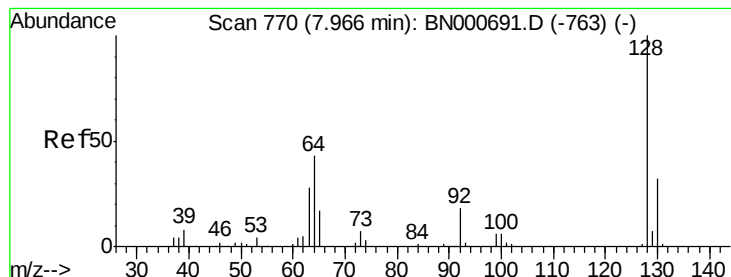
63 68.8 59.4 89.2

95 32.6 26.4 39.6



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





#10

2-Chlorophenol

Concen: 20.687 ng/ul

RT: 7.97 min Scan# 770

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

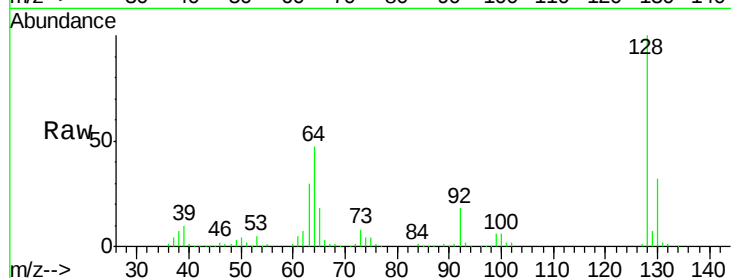
Tot Ion:128 Resp: 236207

Ion Ratio Lower Upper

128 100

64 47.2 39.8 59.6

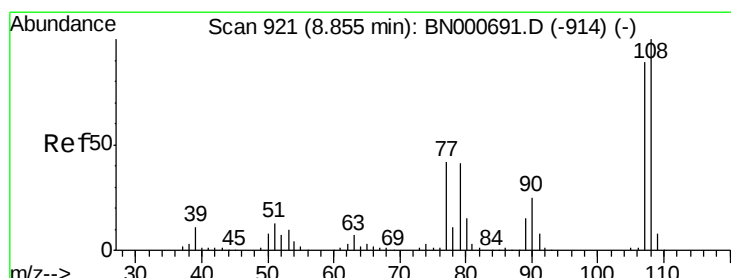
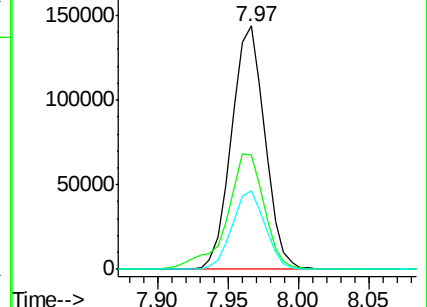
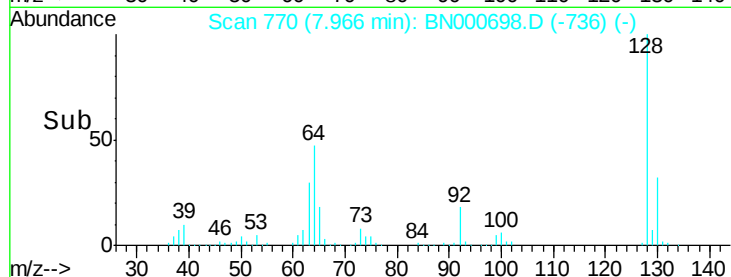
130 32.3 25.8 38.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BN0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 21.771 ng/ul

RT: 8.85 min Scan# 921

Delta R.T. 0.00 min

Lab File: BN000698.D

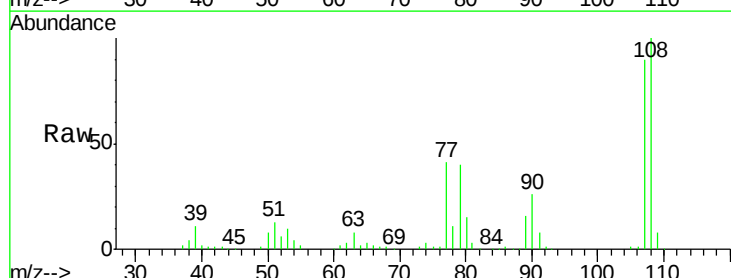
Acq: 02 Apr 2018 16:57

Tgt Ion:108 Resp: 240926

Ion Ratio Lower Upper

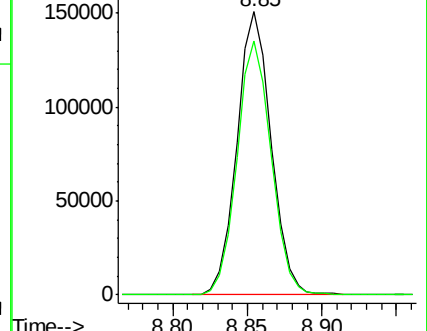
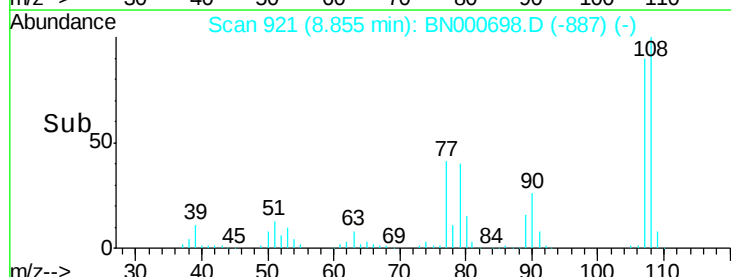
108 100

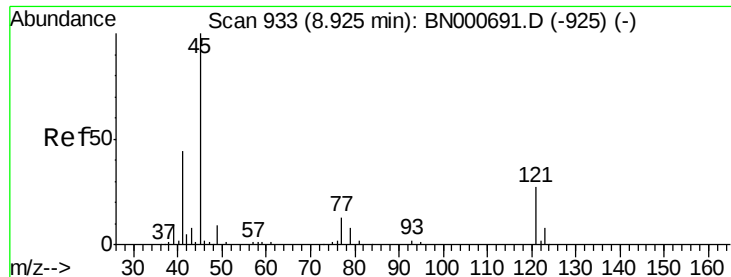
107 89.8 74.1 111.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

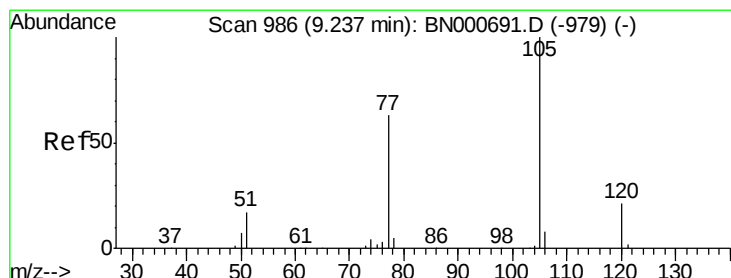
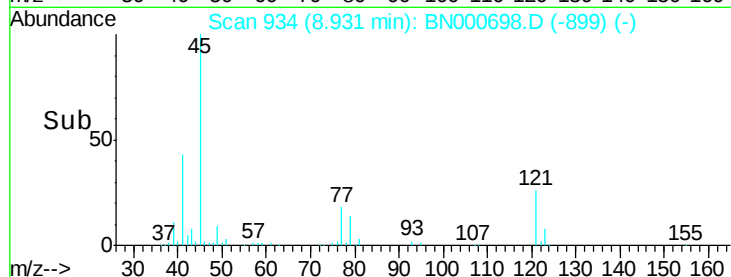
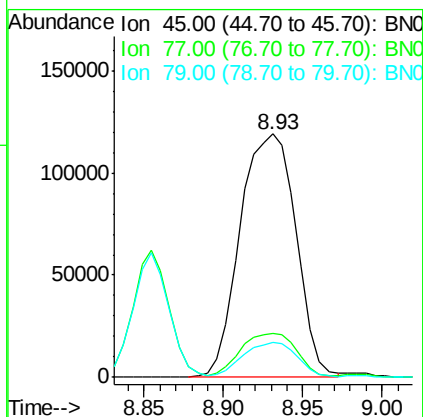
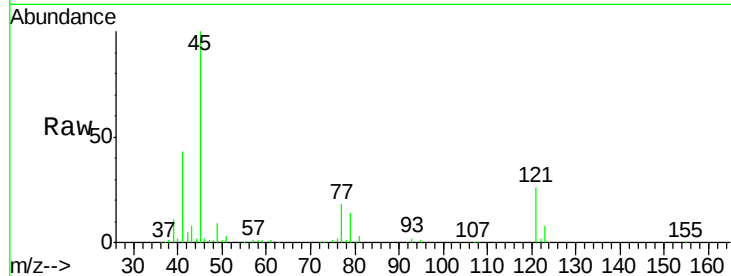




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 22.536 ng/ul  
RT: 8.93 min Scan# 934  
Delta R.T. 0.01 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

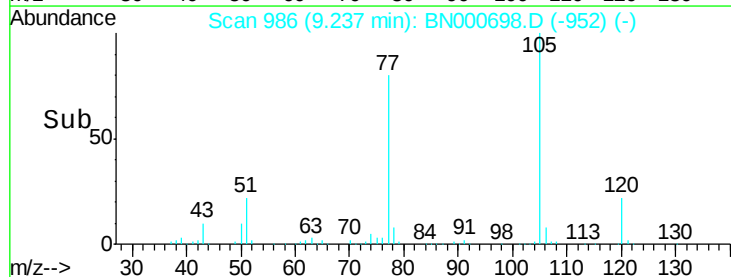
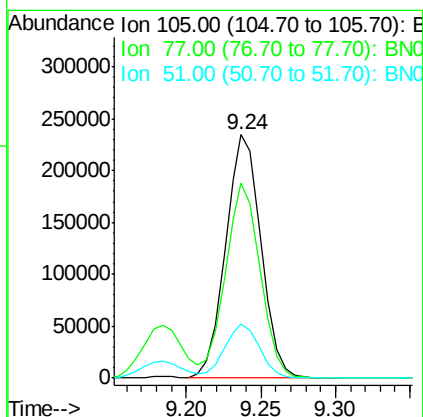
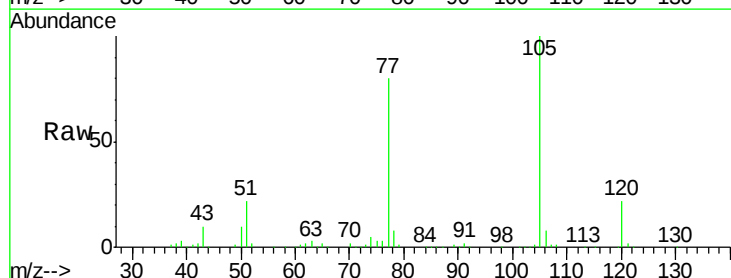
Instrument :  
BNA\_N  
ClientSampleId :

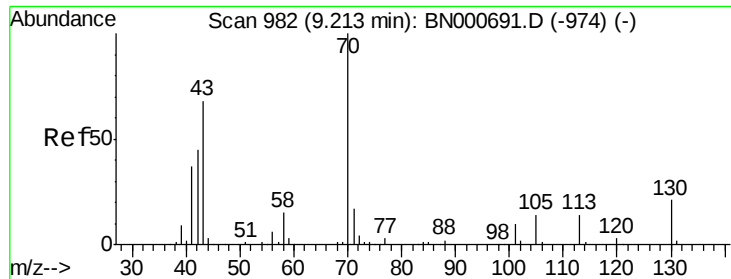
| Tot Ion   | 45   | Resp  | 290809 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 17.8 | 12.5  | 18.7   |
| 79        | 14.2 | 9.4   | 14.2#  |



#14  
Acetophenone  
Concen: 22.609 ng/ul  
RT: 9.24 min Scan# 986  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

| Tgt Ion   | 105  | Resp  | 387176 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 80.0 | 63.2  | 94.8   |
| 51        | 22.2 | 19.8  | 29.8   |

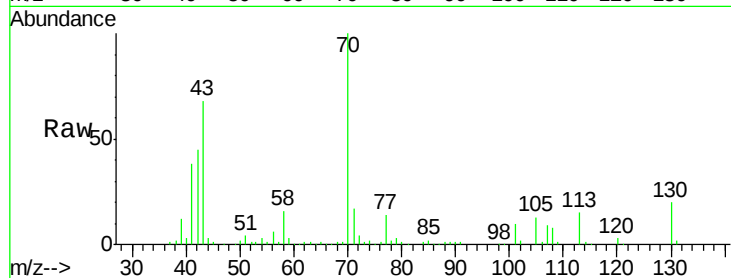




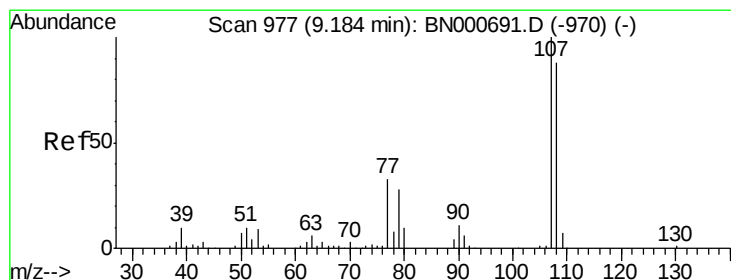
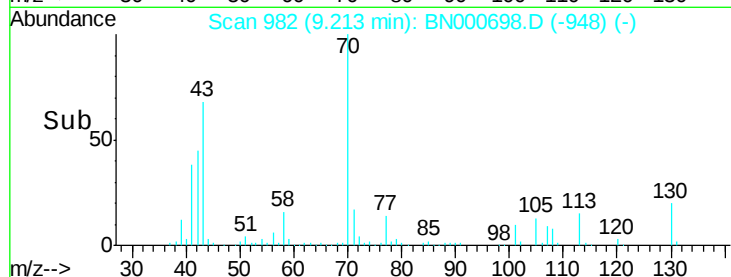
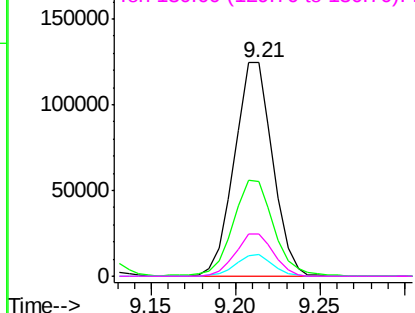
#15  
N-Nitroso-di-n-propylamine  
Concen: 22.002 ng/ul  
RT: 9.21 min Scan# 982  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion: 70 Resp: 197067  
Ion Ratio Lower Upper  
70 100  
42 44.6 40.2 60.4  
101 10.2 7.7 11.5  
130 19.9 17.8 26.6

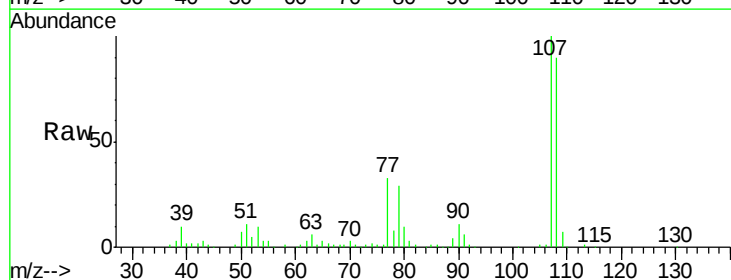


Abundance Ion 70.00 (69.70 to 70.70): BN0  
Ion 42.00 (41.70 to 42.70): BN0  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E

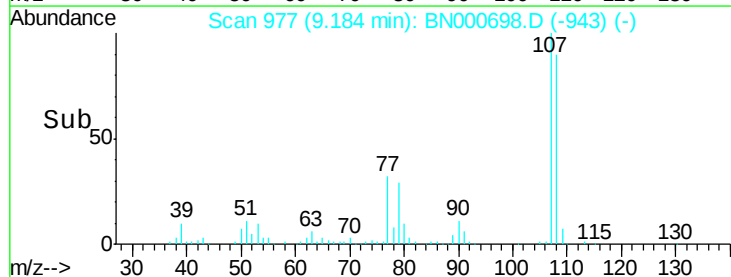
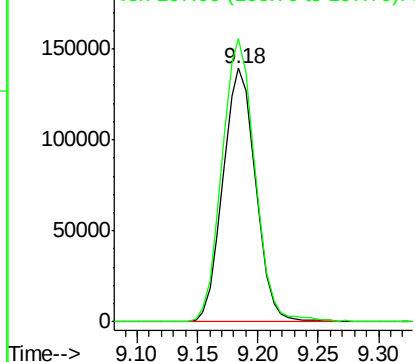


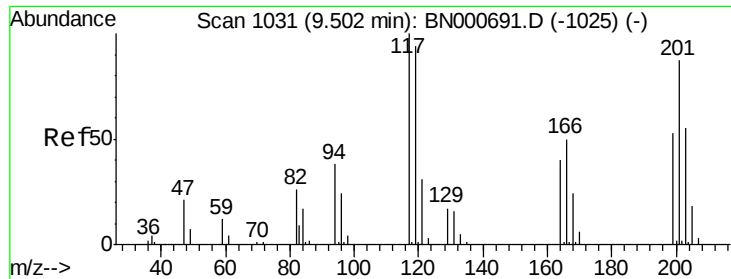
#16  
4-Methylphenol  
Concen: 22.221 ng/ul  
RT: 9.18 min Scan# 977  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Tgt Ion: 108 Resp: 263267  
Ion Ratio Lower Upper  
108 100  
107 111.5 93.6 140.4



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

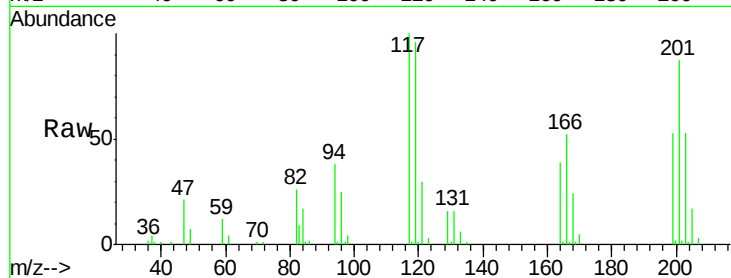




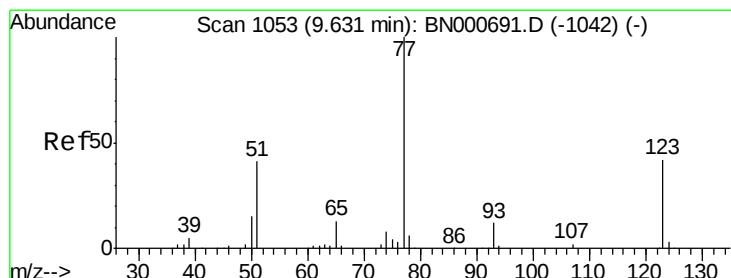
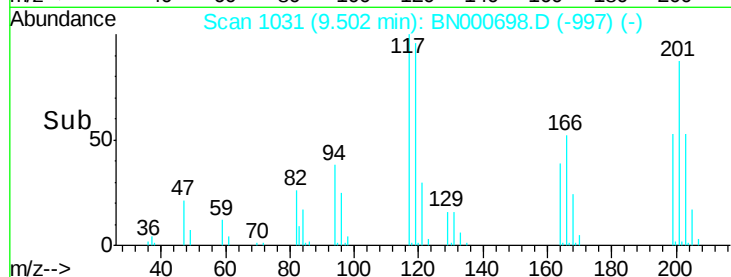
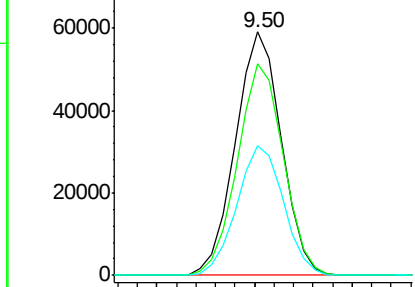
#17  
 Hexachloroethane  
 Concen: 20.228 ng/ul  
 RT: 9.50 min Scan# 1031  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:117 Resp: 96364  
 Ion Ratio Lower Upper  
 117 100  
 201 86.8 96.1 144.1#  
 199 53.0 59.7 89.5#

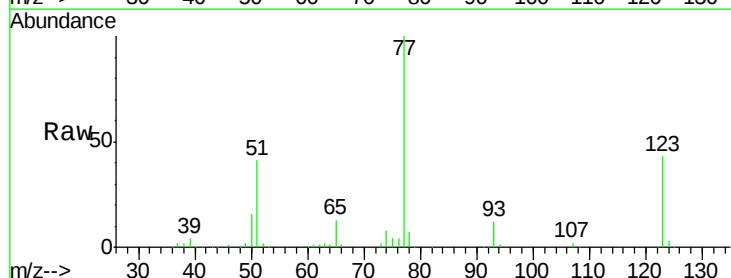


Abundance Ion 117.00 (116.70 to 117.70): E  
 Ion 201.00 (200.70 to 201.70): E  
 Ion 199.00 (198.70 to 199.70): E

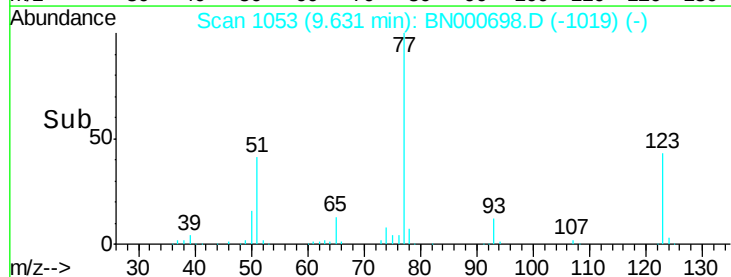
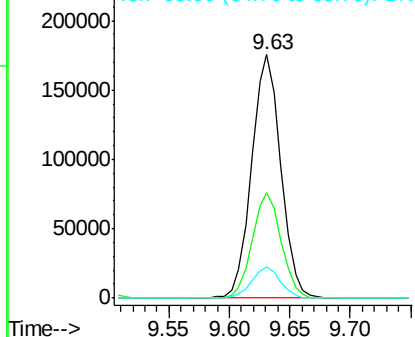


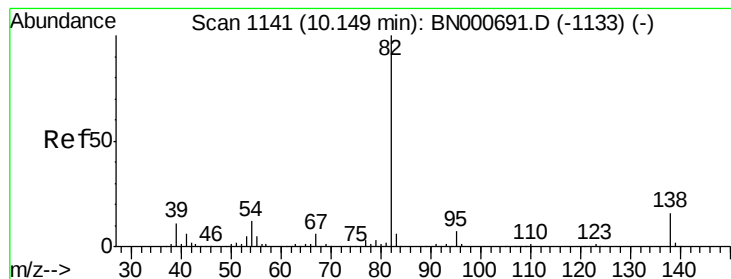
#20  
 Nitrobenzene  
 Concen: 20.526 ng/ul  
 RT: 9.63 min Scan# 1053  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Tgt Ion: 77 Resp: 294084  
 Ion Ratio Lower Upper  
 77 100  
 123 43.4 31.8 47.8  
 65 12.5 10.6 16.0



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





#21

Isophorone

Concen: 20.628 ng/ul

RT: 10.15 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

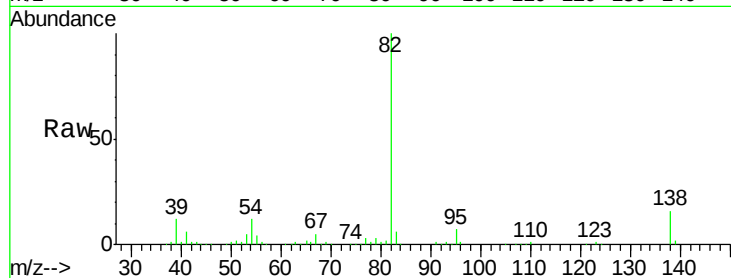
Tot Ion: 82 Resp: 563405

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

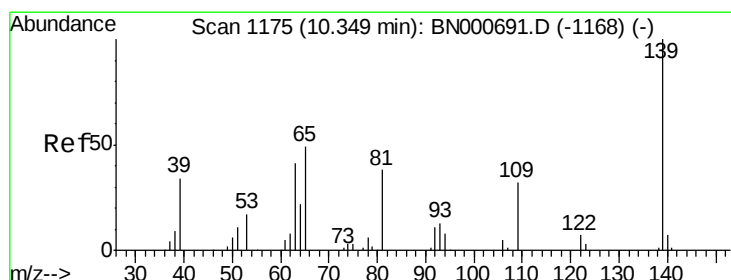
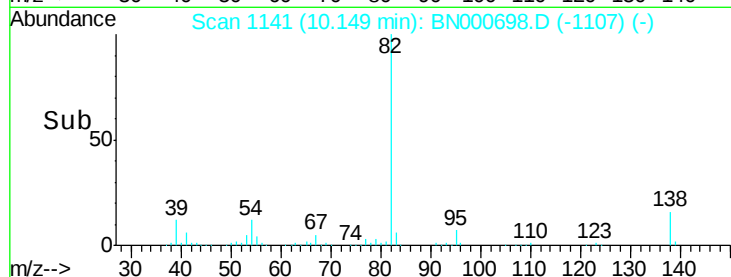
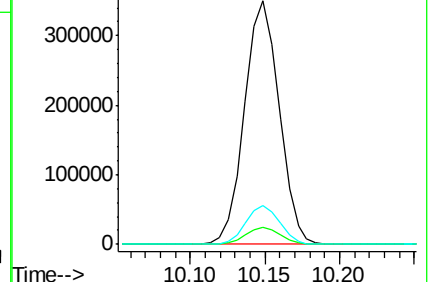
138 15.9 13.5 20.3



Abundance Ion 82.00 (81.70 to 82.70): BN000698.D (-1133) (-)

Ion 95.00 (94.70 to 95.70): BN000698.D (-1133) (-)

Ion 138.00 (137.70 to 138.70): BN000698.D (-1133) (-)



#23

2-Nitrophenol

Concen: 20.416 ng/ul

RT: 10.35 min Scan# 1175

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

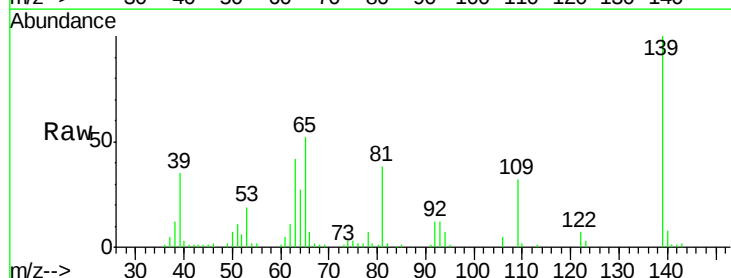
Tgt Ion: 139 Resp: 132026

Ion Ratio Lower Upper

139 100

65 51.9 45.3 67.9

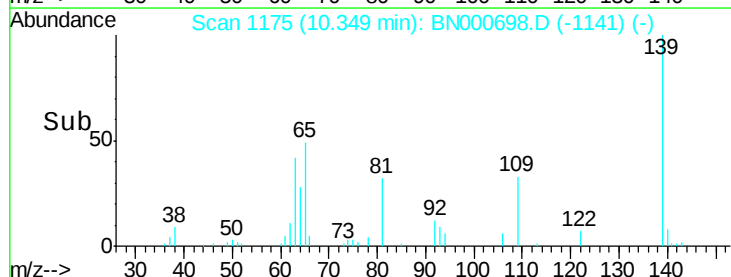
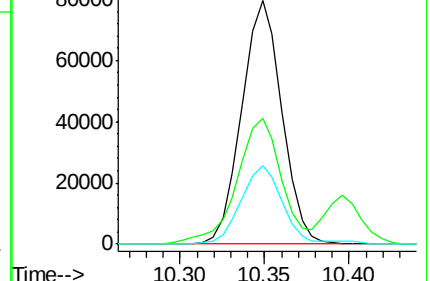
109 32.0 27.7 41.5

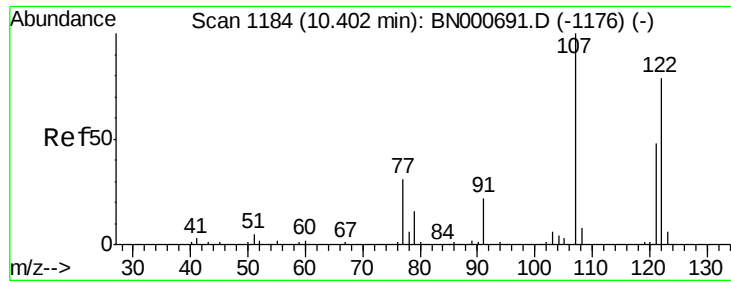


Abundance Ion 139.00 (138.70 to 139.70): BN000698.D (-1168) (-)

Ion 65.00 (64.70 to 65.70): BN000698.D (-1168) (-)

Ion 109.00 (108.70 to 109.70): BN000698.D (-1168) (-)

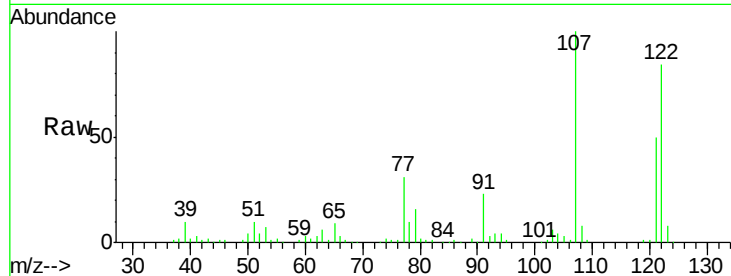




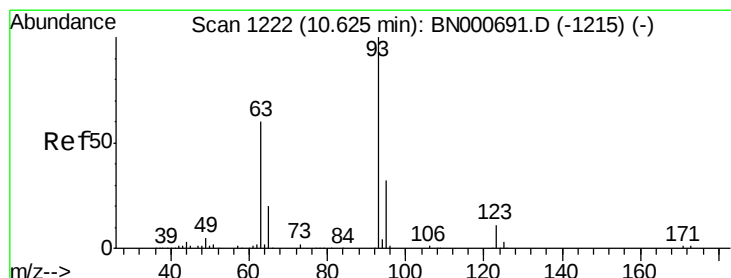
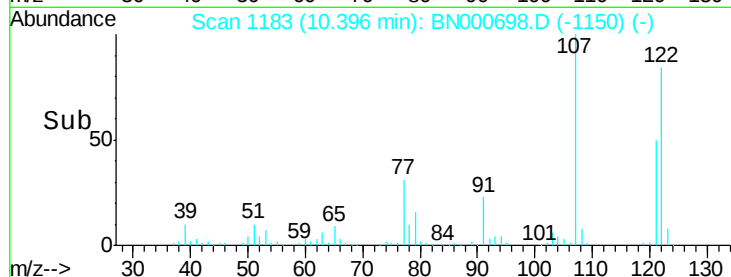
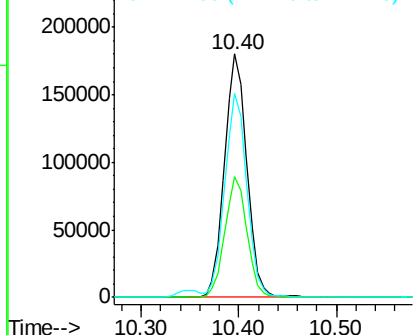
#24  
 2,4-Dimethylphenol  
 Concen: 20.754 ng/ul  
 RT: 10.40 min Scan# 1183  
 Delta R.T. -0.01 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:107 Resp: 289100  
 Ion Ratio Lower Upper  
 107 100  
 121 49.6 38.1 57.1  
 122 83.6 63.8 95.8

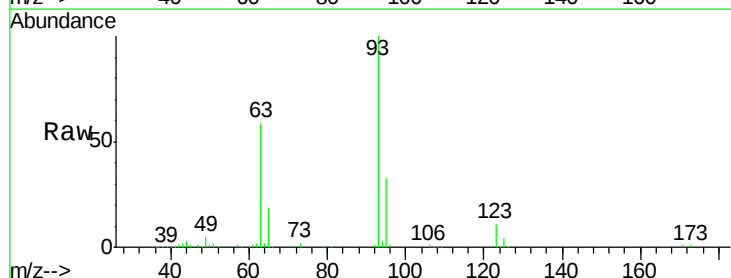


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E  
 Ion 122.00 (121.70 to 122.70): E

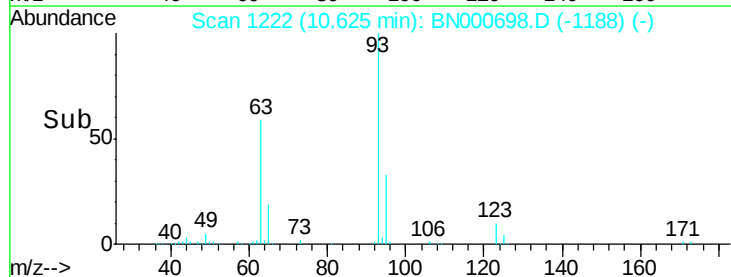
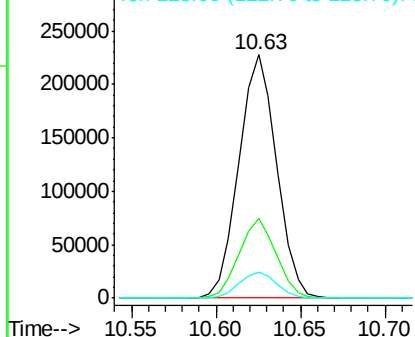


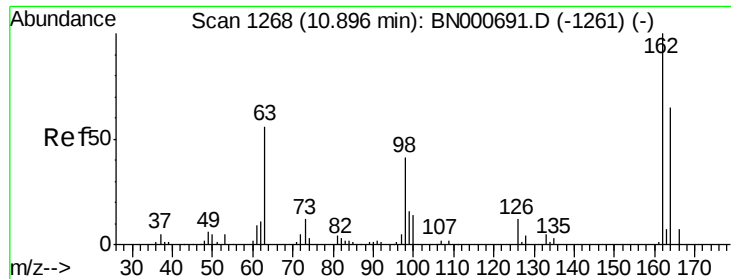
#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.536 ng/ul  
 RT: 10.63 min Scan# 1222  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Tgt Ion: 93 Resp: 354237  
 Ion Ratio Lower Upper  
 93 100  
 95 32.6 24.7 37.1  
 123 10.6 8.2 12.2



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

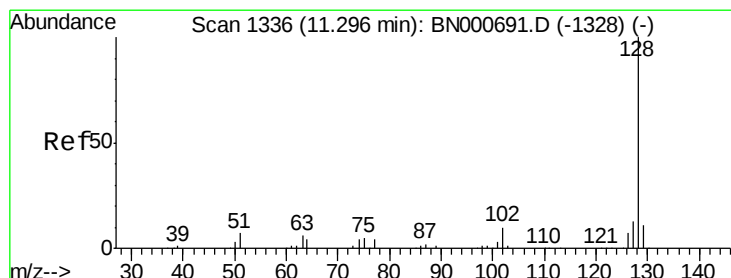
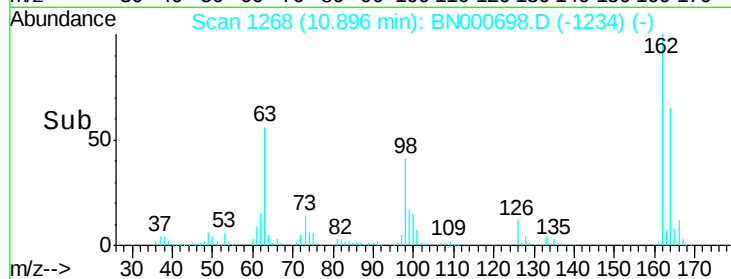
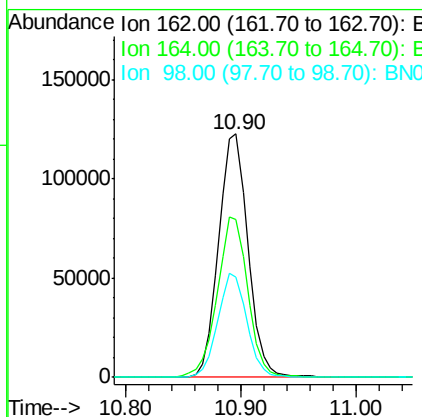
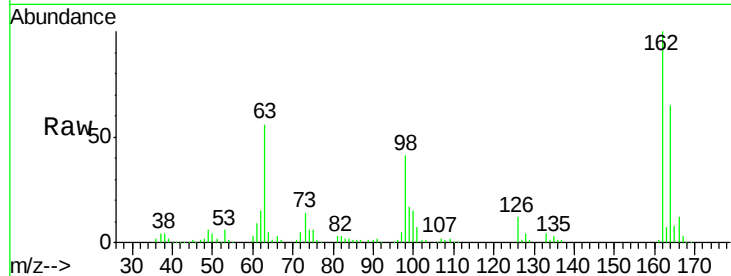




#27  
 2,4-Dichlorophenol  
 Concen: 20.747 ng/ul  
 RT: 10.90 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

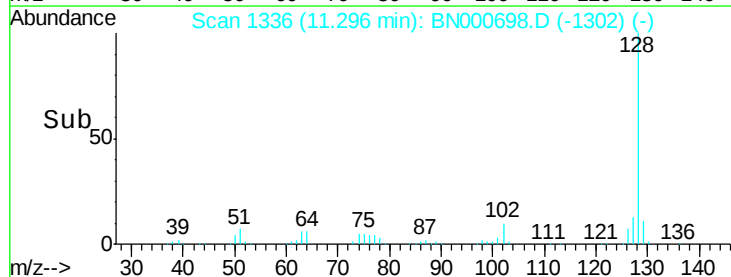
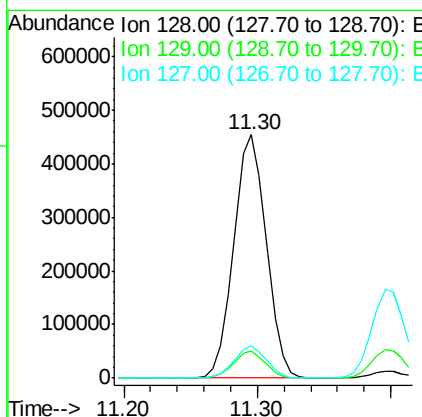
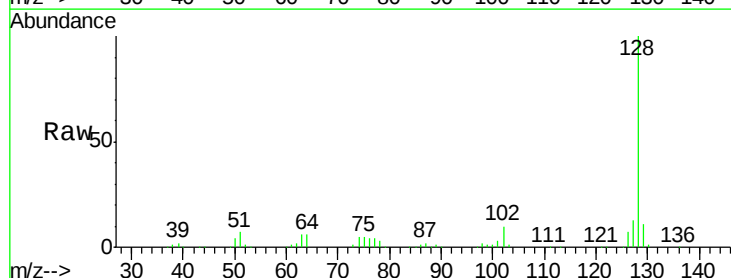
Instrument :  
 BNA\_N  
 ClientSampleId :

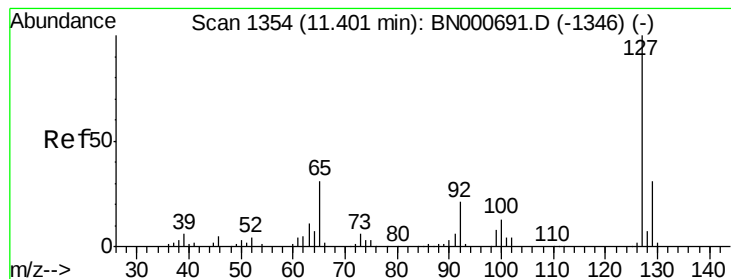
Tot Ion:162 Resp: 217027  
 Ion Ratio Lower Upper  
 162 100  
 164 64.8 52.0 78.0  
 98 41.1 26.6 39.8#



#28  
 Naphthalene  
 Concen: 20.451 ng/ul  
 RT: 11.30 min Scan# 1336  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Tgt Ion:128 Resp: 767505  
 Ion Ratio Lower Upper  
 128 100  
 129 11.0 8.3 12.5  
 127 13.3 10.8 16.2





#30

4-Chloroaniline

Concen: 25.650 ng/ul

RT: 11.40 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

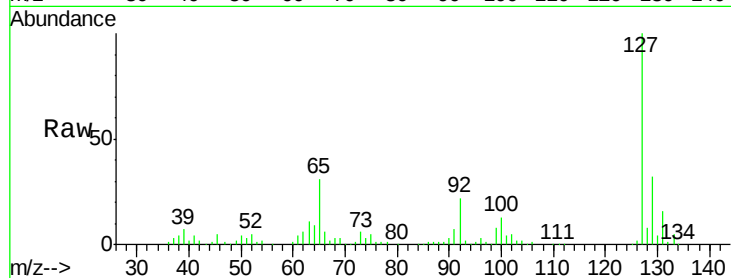
ClientSampleId :

Tot Ion:127 Resp: 288030

Ion Ratio Lower Upper

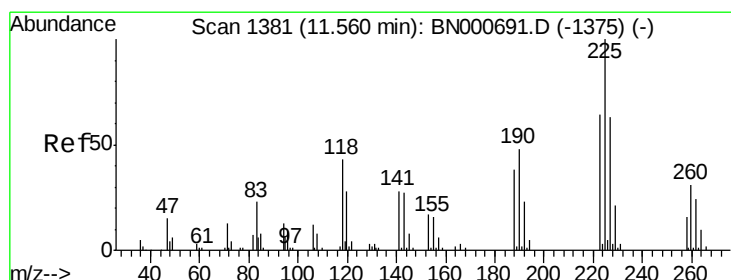
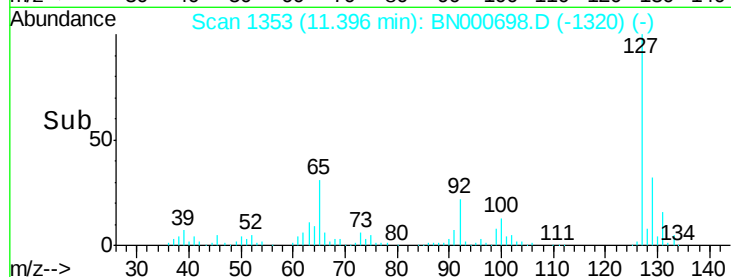
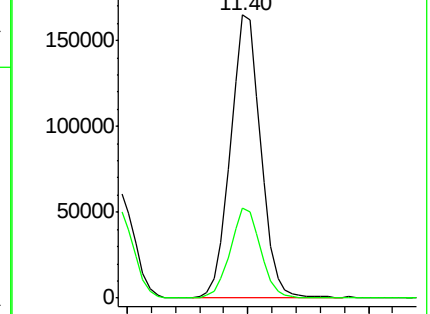
127 100

129 32.0 24.6 37.0



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E



#31

Hexachlorobutadiene

Concen: 20.640 ng/ul

RT: 11.56 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

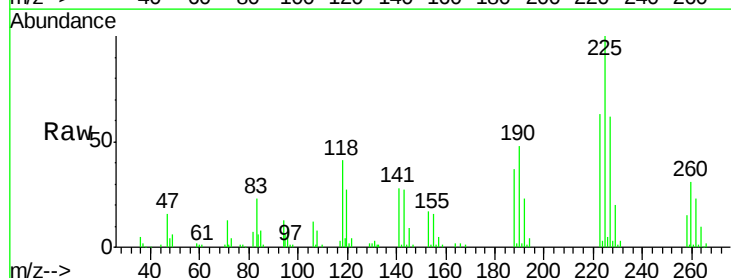
Tgt Ion:225 Resp: 119642

Ion Ratio Lower Upper

225 100

223 62.7 48.1 72.1

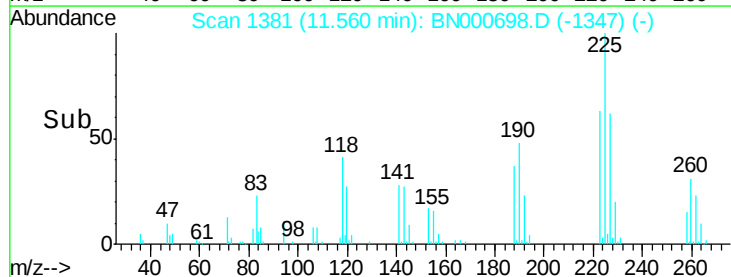
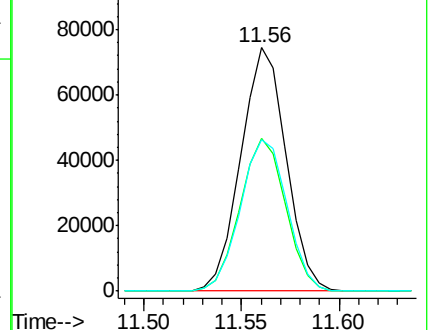
227 62.4 52.1 78.1

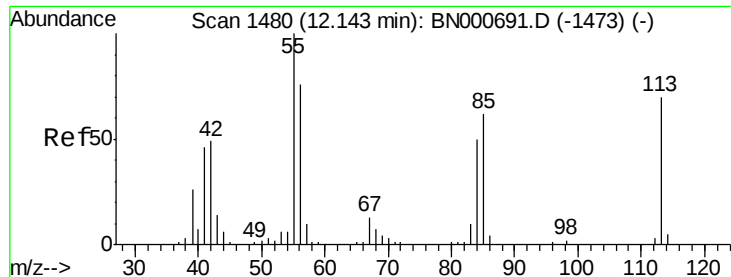


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#32

Caprolactam

Concen: 22.483 ng/ul

RT: 12.14 min Scan# 1480

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

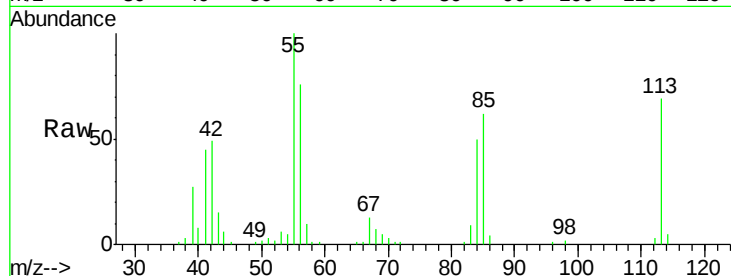
Tot Ion:113 Resp: 85974

Ion Ratio Lower Upper

113 100

55 146.0 131.7 197.5

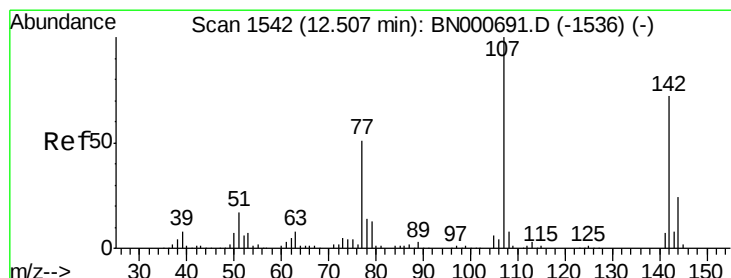
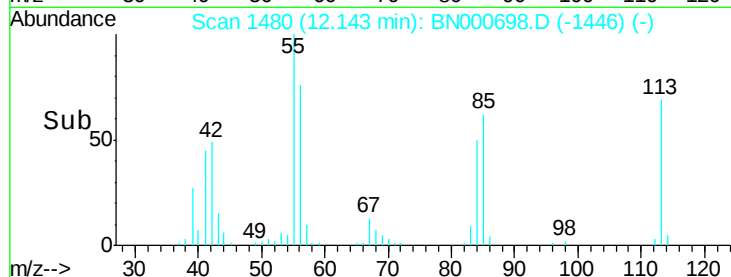
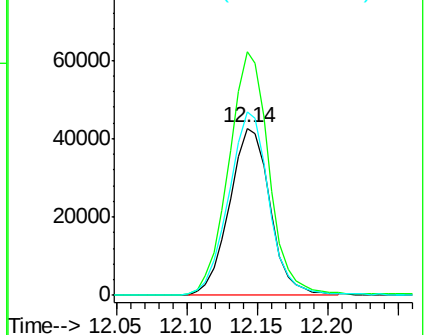
56 110.3 92.7 139.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#33

4-Chloro-3-methylphenol

Concen: 21.773 ng/ul

RT: 12.51 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

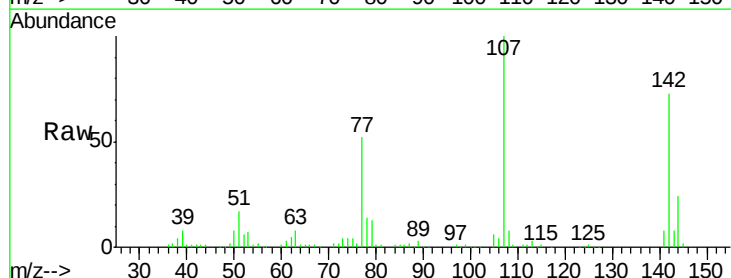
Tgt Ion:107 Resp: 267752

Ion Ratio Lower Upper

107 100

144 24.0 21.1 31.7

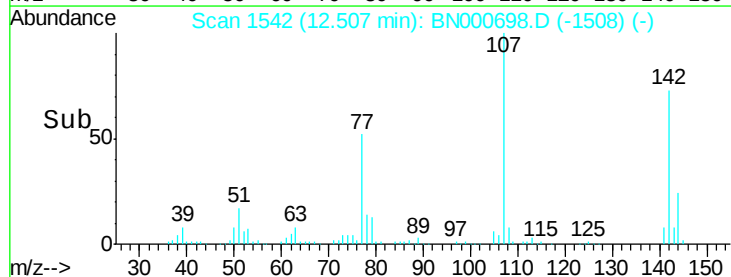
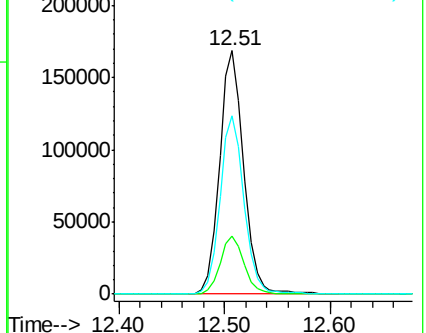
142 73.3 60.1 90.1

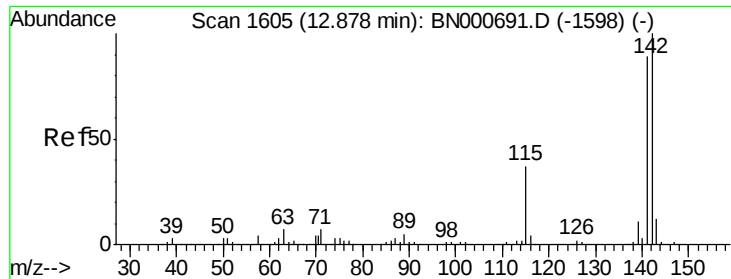


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

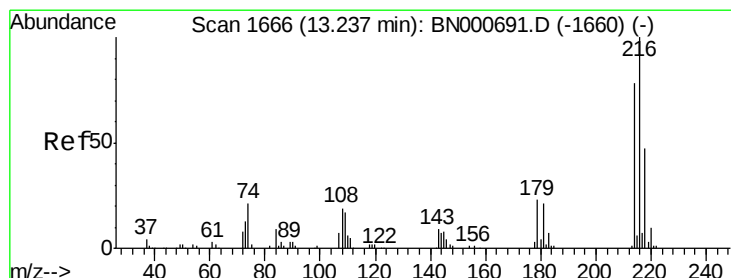
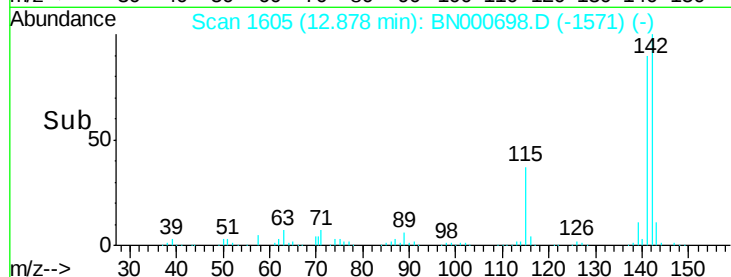
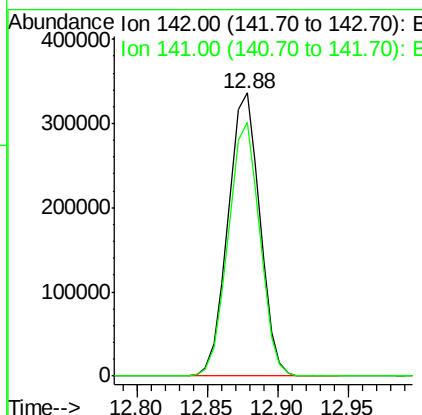
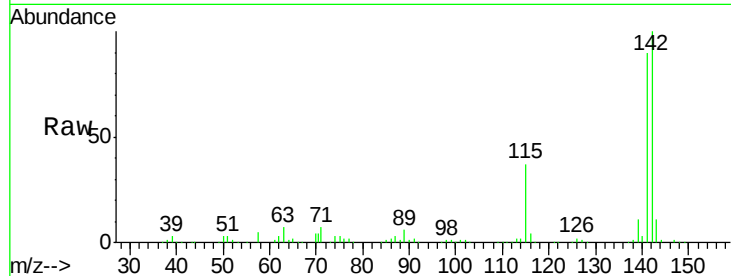




#34  
 2-Methylnaphthalene  
 Concen: 21.118 ng/ul  
 RT: 12.88 min Scan# 1605  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

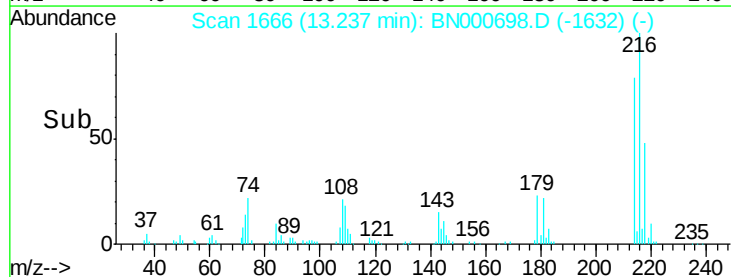
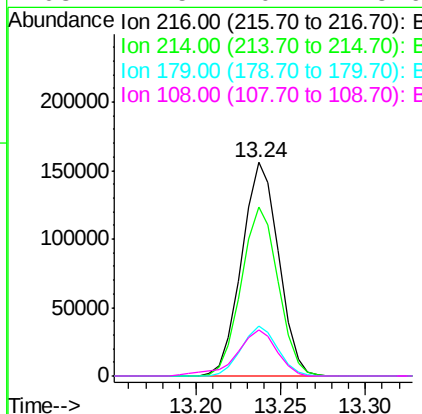
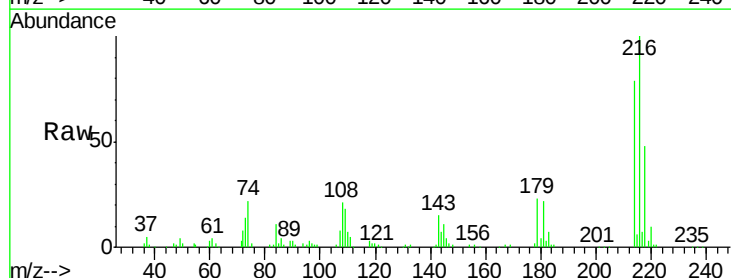
Instrument :  
 BNA\_N  
 ClientSampleId :

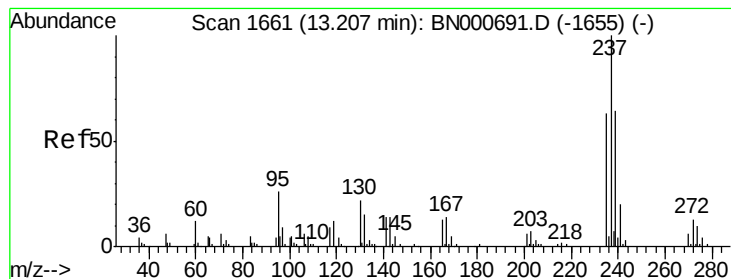
Tot Ion:142 Resp: 529120  
 Ion Ratio Lower Upper  
 142 100  
 141 89.7 71.4 107.2



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.782 ng/ul  
 RT: 13.24 min Scan# 1666  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Tgt Ion:216 Resp: 238822  
 Ion Ratio Lower Upper  
 216 100  
 214 79.0 64.1 96.1  
 179 23.2 14.5 21.7#  
 108 21.5 10.4 15.6#





#37

Hexachlorocyclopentadiene

Concen: 18.025 ng/ul

RT: 13.21 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampled :

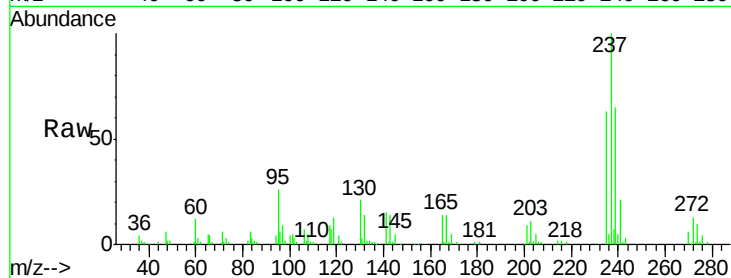
Tot Ion:237 Resp: 113470

Ion Ratio Lower Upper

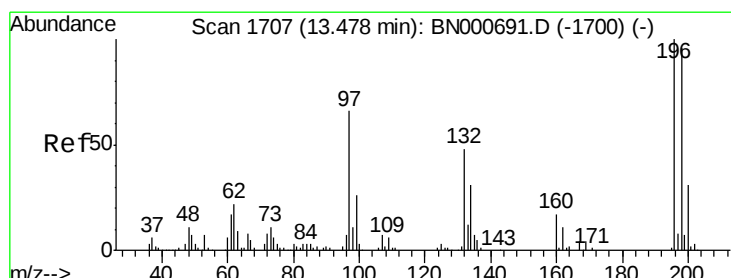
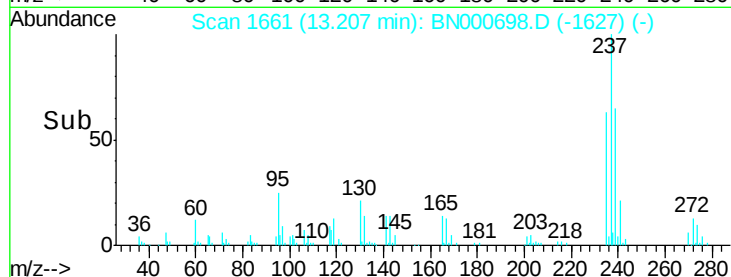
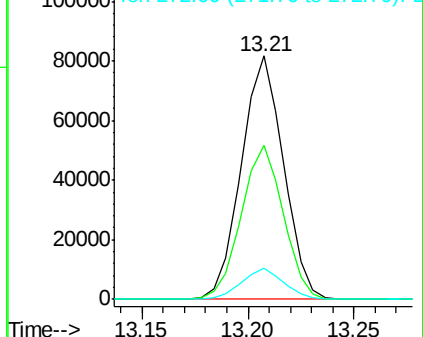
237 100

235 63.2 49.5 74.3

272 12.6 8.6 12.8



Abundance Ion 237.00 (236.70 to 237.70): E  
Ion 235.00 (234.70 to 235.70): E  
Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 19.265 ng/ul

RT: 13.47 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

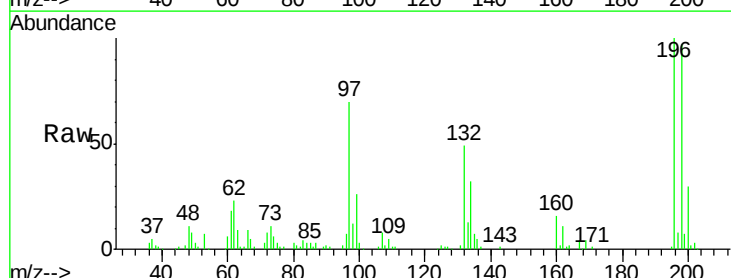
Tgt Ion:196 Resp: 157759

Ion Ratio Lower Upper

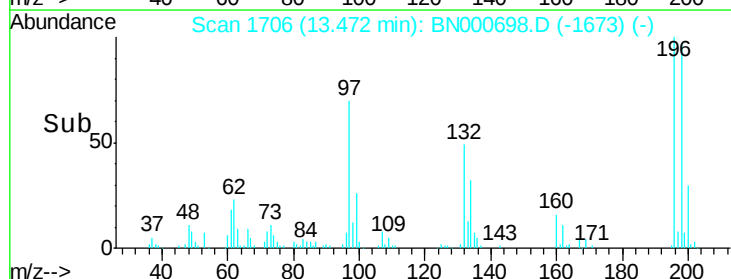
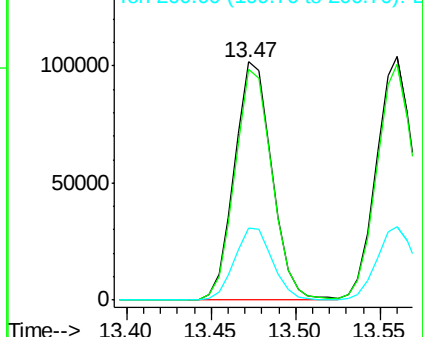
196 100

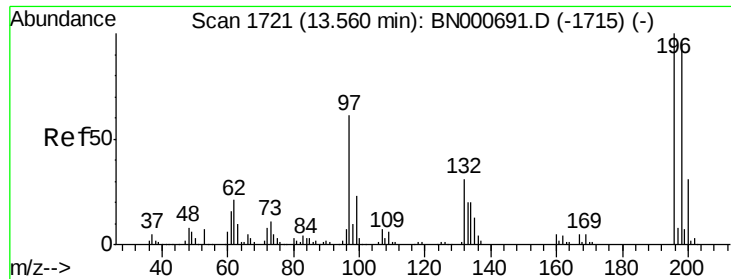
198 96.8 75.9 113.9

200 30.3 25.8 38.6



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

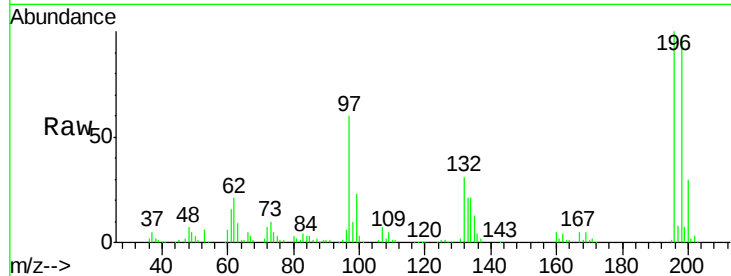




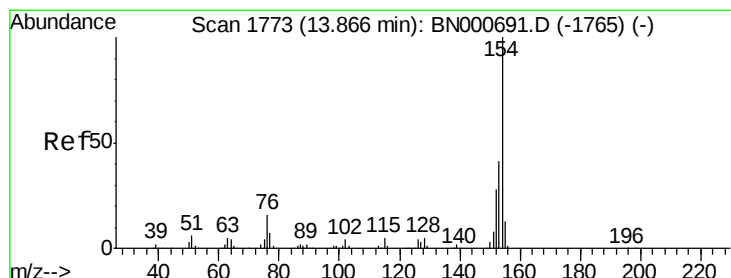
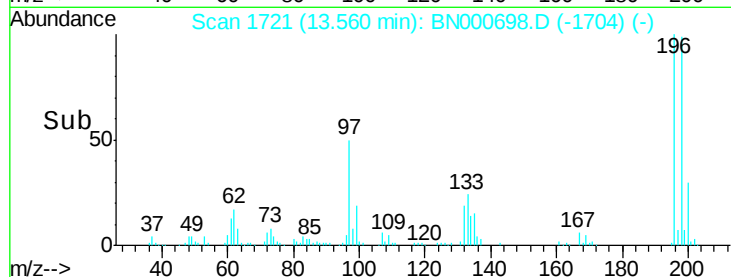
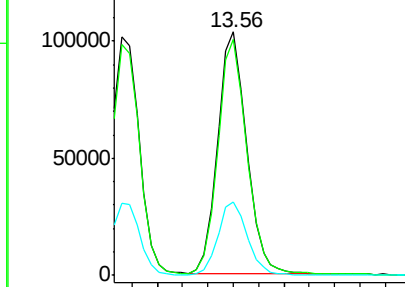
#39  
 2,4,5-Trichlorophenol  
 Concen: 19.288 ng/ul  
 RT: 13.56 min Scan# 1721  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:196 Resp: 164694  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 74.7 112.1  
 200 30.3 25.4 38.0

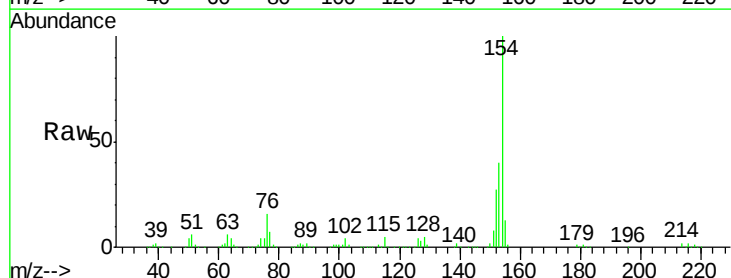


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

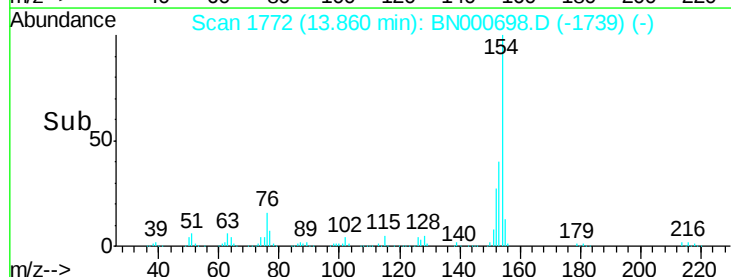
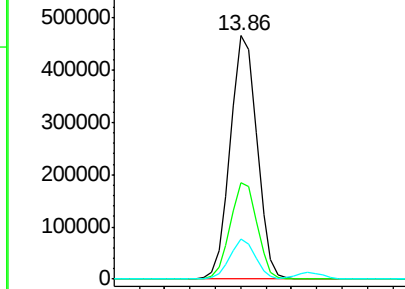


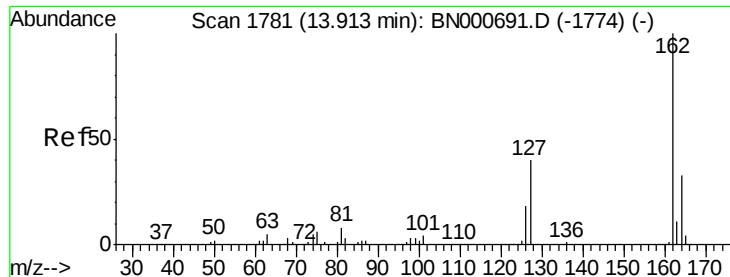
#40  
 1,1'-Biphenyl  
 Concen: 19.832 ng/ul  
 RT: 13.86 min Scan# 1772  
 Delta R.T. -0.01 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Tgt Ion:154 Resp: 678396  
 Ion Ratio Lower Upper  
 154 100  
 153 39.7 34.0 51.0  
 76 16.2 8.4 12.6#



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BNC

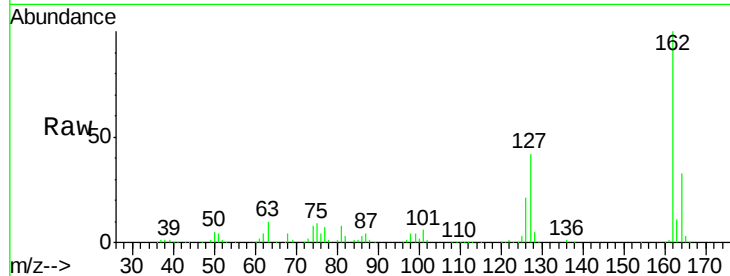




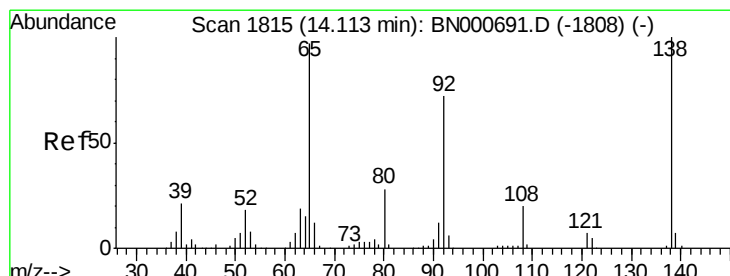
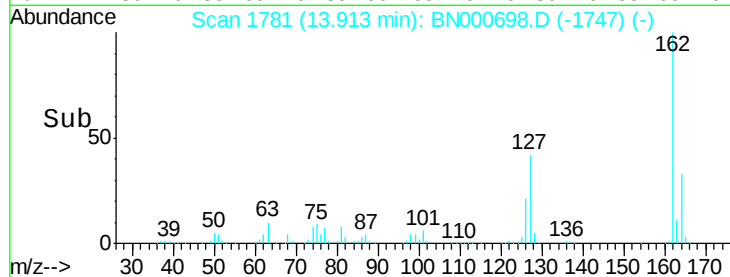
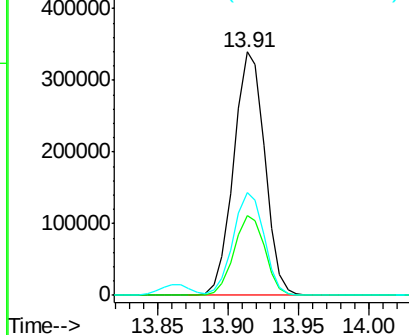
#41  
 2-Chloronaphthalene  
 Concen: 19.831 ng/ul  
 RT: 13.91 min Scan# 1781  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:162 Resp: 522936  
 Ion Ratio Lower Upper  
 162 100  
 164 32.6 26.2 39.4  
 127 42.3 29.5 44.3

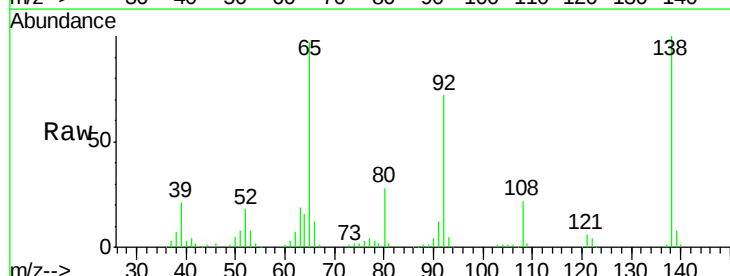


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 127.00 (126.70 to 127.70): E

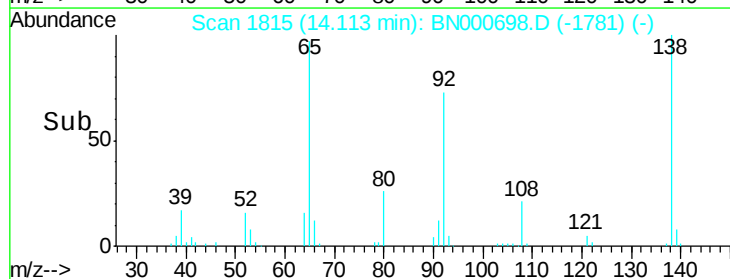
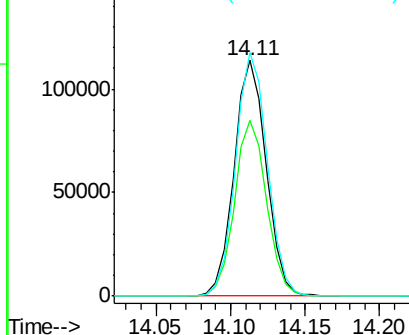


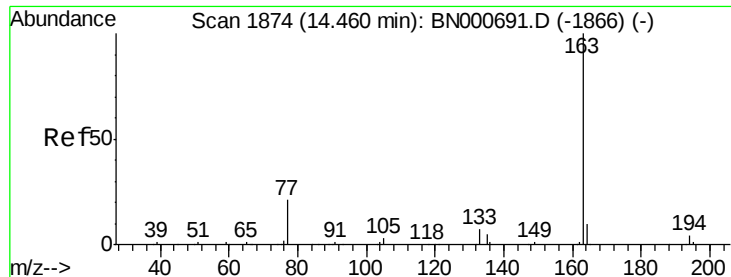
#42  
 2-Nitroaniline  
 Concen: 21.380 ng/ul  
 RT: 14.11 min Scan# 1815  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Tgt Ion: 65 Resp: 170820  
 Ion Ratio Lower Upper  
 65 100  
 92 74.8 57.0 85.4  
 138 103.4 87.2 130.8



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

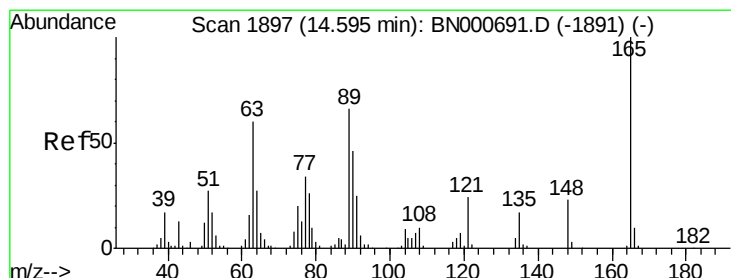
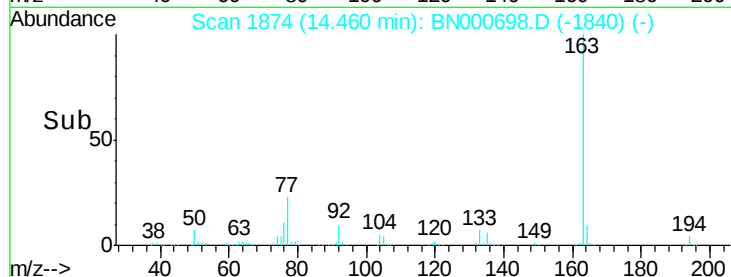
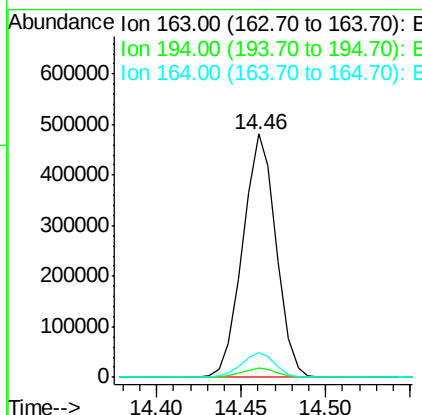
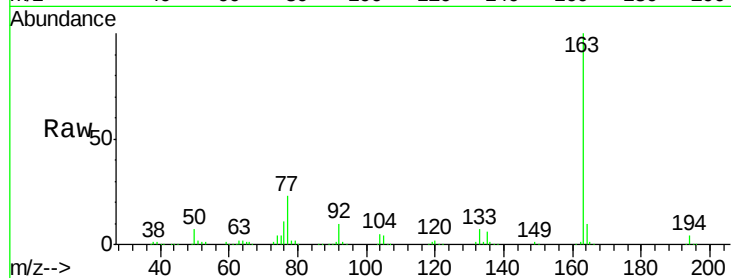




#44  
Dimethylphthalate  
Concen: 21.029 ng/ul  
RT: 14.46 min Scan# 1874  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

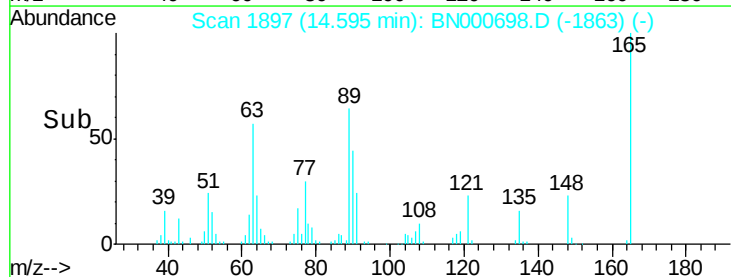
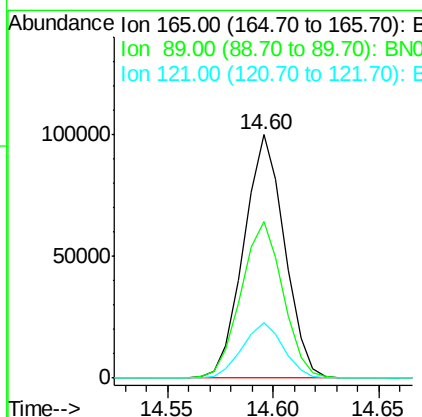
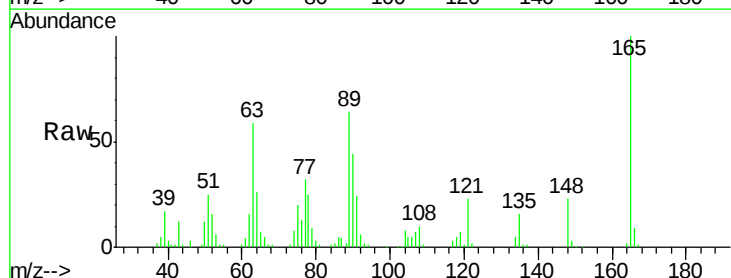
Instrument :  
BNA\_N  
ClientSampleId :

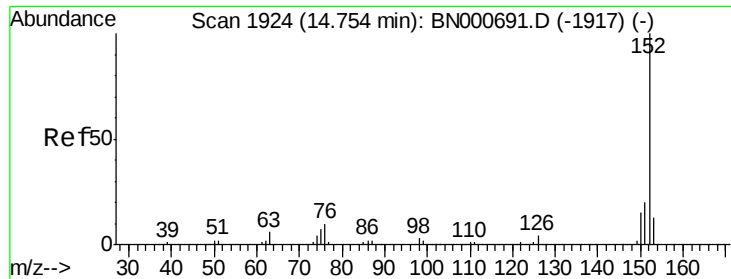
Tot Ion:163 Resp: 660369  
Ion Ratio Lower Upper  
163 100  
194 3.9 4.0 6.0#  
164 10.4 8.4 12.6



#45  
2,6-Dinitrotoluene  
Concen: 21.237 ng/ul  
RT: 14.60 min Scan# 1897  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Tgt Ion:165 Resp: 134386  
Ion Ratio Lower Upper  
165 100  
89 64.5 43.8 65.8  
121 22.9 17.8 26.6





#47

Acenaphthylene

Concen: 20.310 ng/ul

RT: 14.75 min Scan# 1924

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

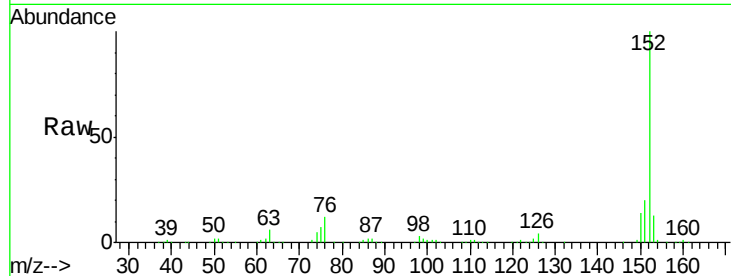
Tot Ion:152 Resp: 833290

Ion Ratio Lower Upper

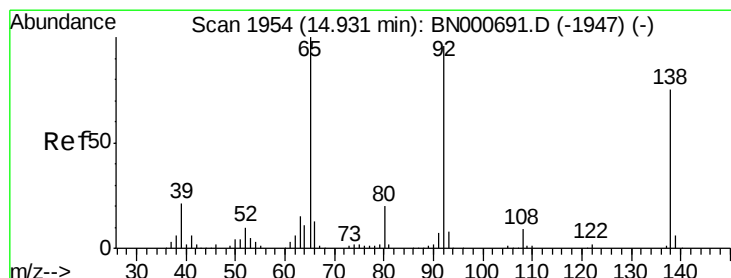
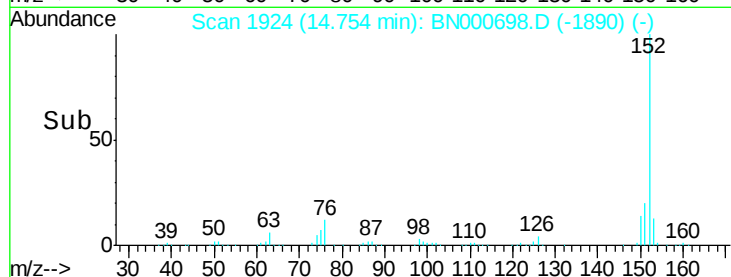
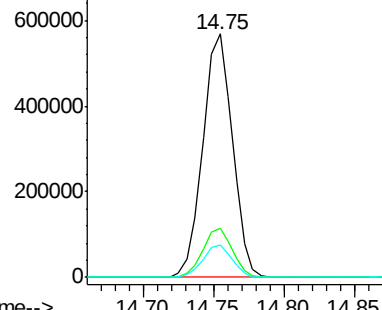
152 100

151 20.0 16.1 24.1

153 13.2 10.8 16.2



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



#48

3-Nitroaniline

Concen: 23.888 ng/ul

RT: 14.92 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

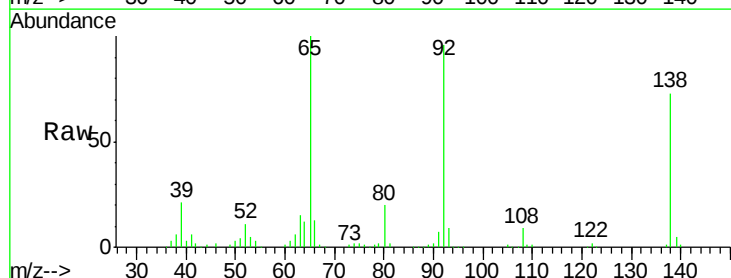
Tgt Ion:138 Resp: 145947

Ion Ratio Lower Upper

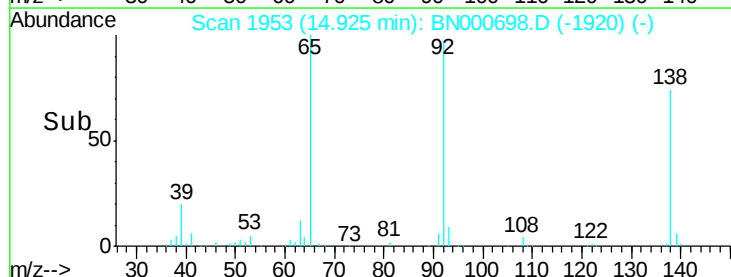
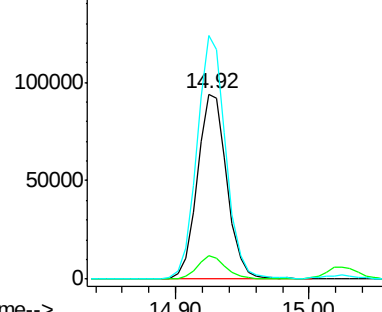
138 100

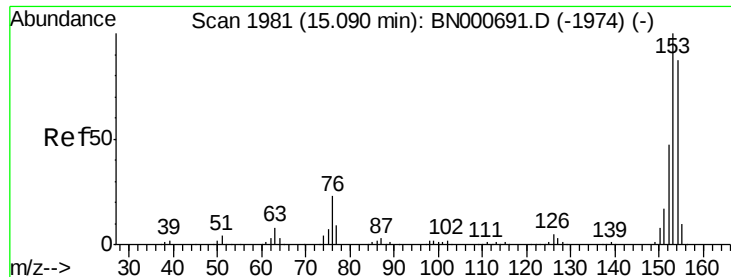
108 12.5 7.6 11.4#

92 131.7 94.2 141.2



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





#49

Acenaphthene

Concen: 20.320 ng/ul

RT: 15.09 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

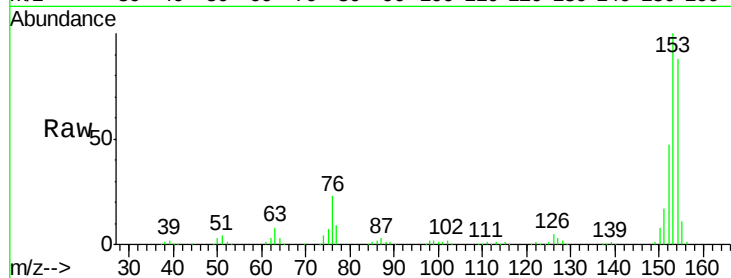
Tot Ion:153 Resp: 568429

Ion Ratio Lower Upper

153 100

152 47.0 37.9 56.9

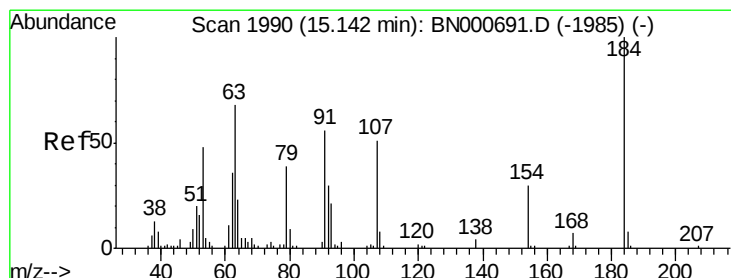
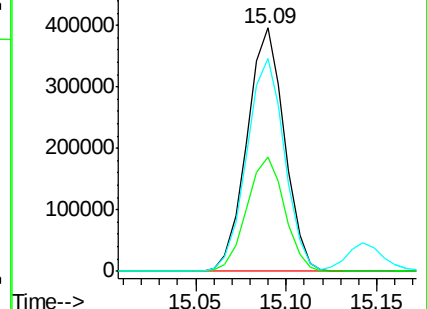
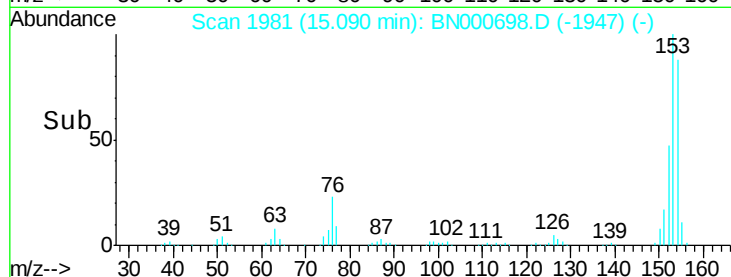
154 87.7 69.8 104.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 34.551 ng/ul

RT: 15.14 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

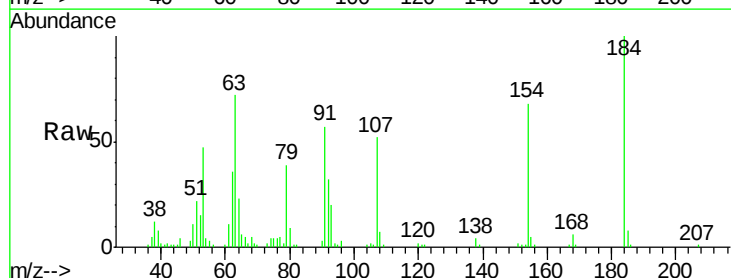
Tgt Ion:184 Resp: 103149

Ion Ratio Lower Upper

184 100

63 72.3 39.7 59.5#

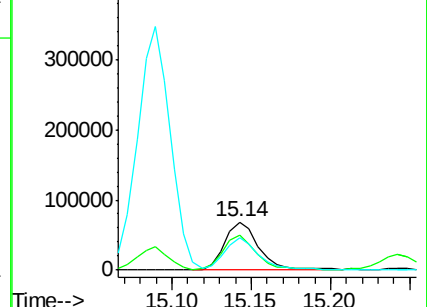
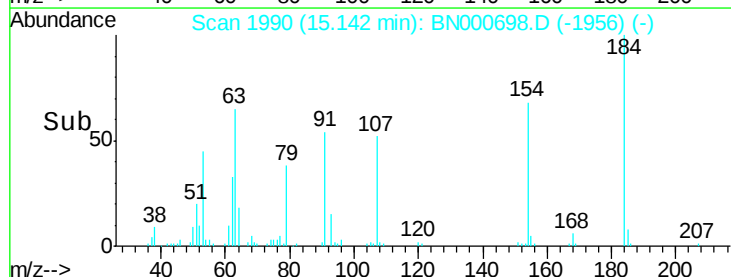
154 67.6 45.0 67.6#

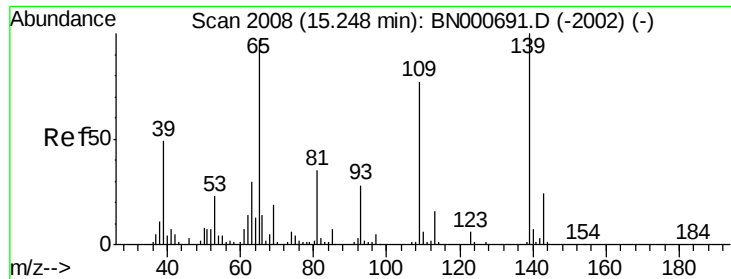


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.557 ng/ul

RT: 15.24 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

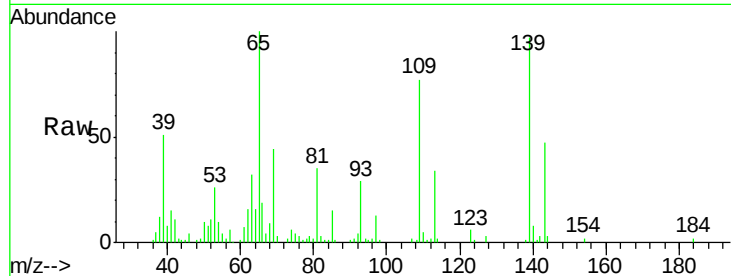
Tot Ion:109 Resp: 93647

Ion Ratio Lower Upper

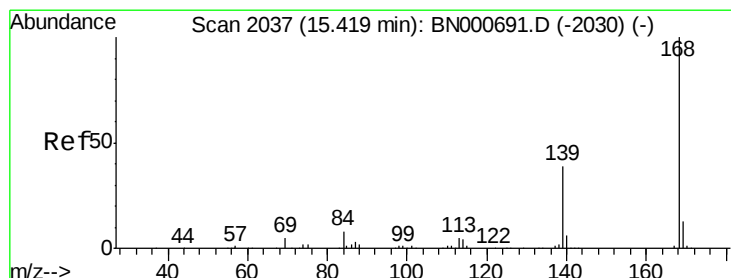
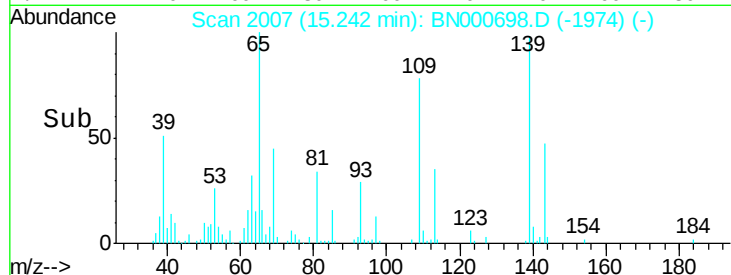
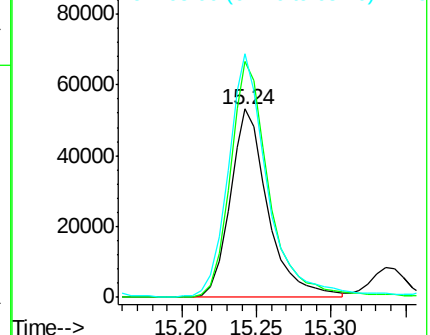
109 100

139 125.5 91.2 136.8

65 129.5 92.6 139.0



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



#53

Dibenzofuran

Concen: 20.671 ng/ul

RT: 15.42 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BN000698.D

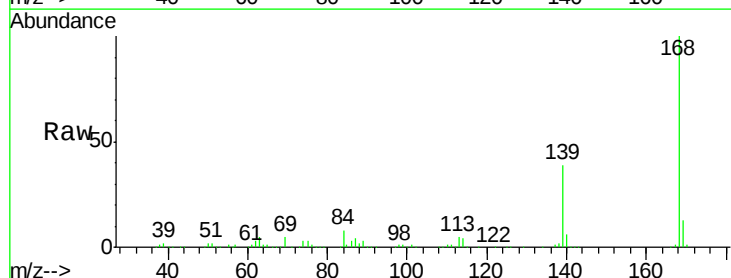
Acq: 02 Apr 2018 16:57

Tgt Ion:168 Resp: 785386

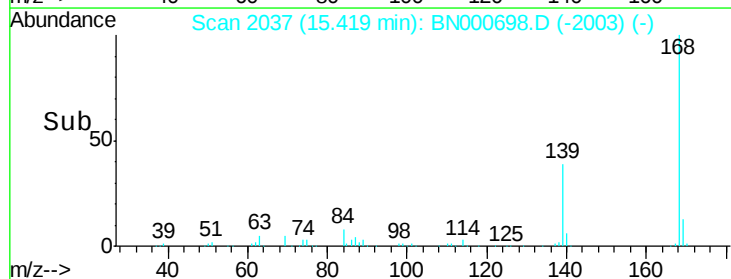
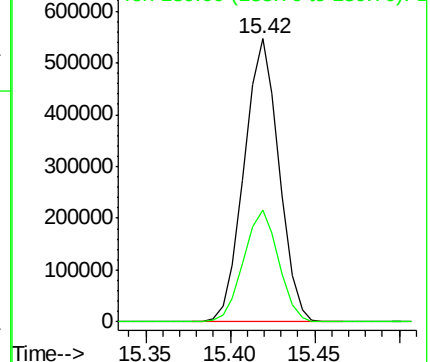
Ion Ratio Lower Upper

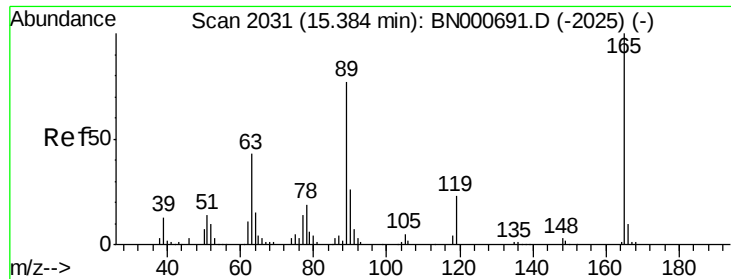
168 100

139 39.5 31.0 46.4



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

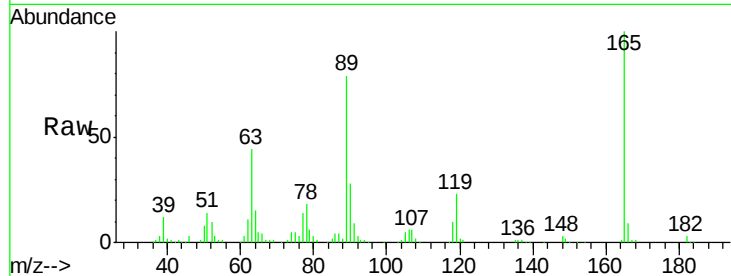




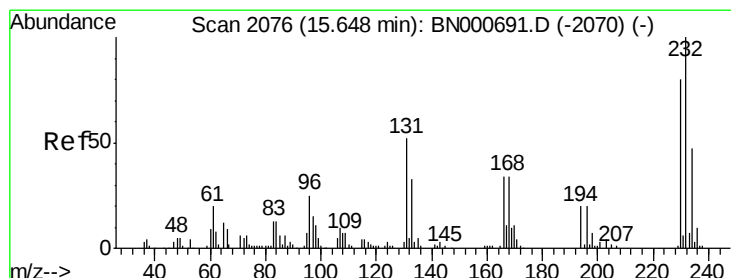
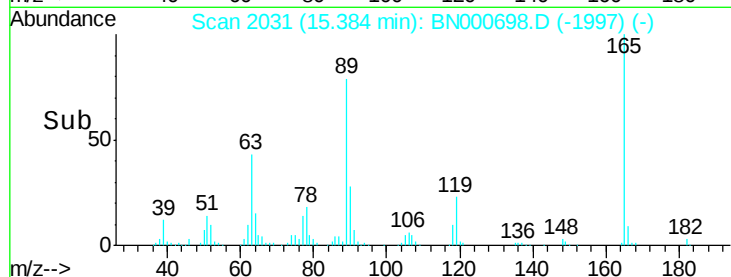
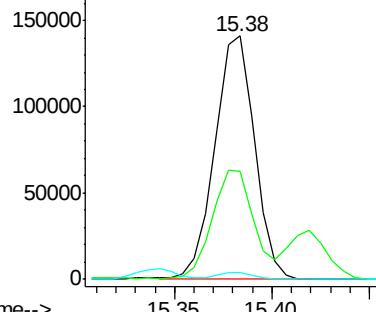
#54  
 2,4-Dinitrotoluene  
 Concen: 22.210 ng/ul  
 RT: 15.38 min Scan# 2031  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Instrument :  
 BNA\_N  
 ClientSampleId :

Tot Ion:165 Resp: 199249  
 Ion Ratio Lower Upper  
 165 100  
 63 44.5 31.4 47.0  
 182 2.9 2.7 4.1

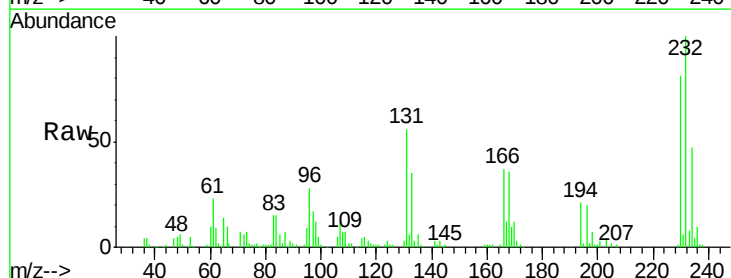


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BNO  
 Ion 182.00 (181.70 to 182.70): E

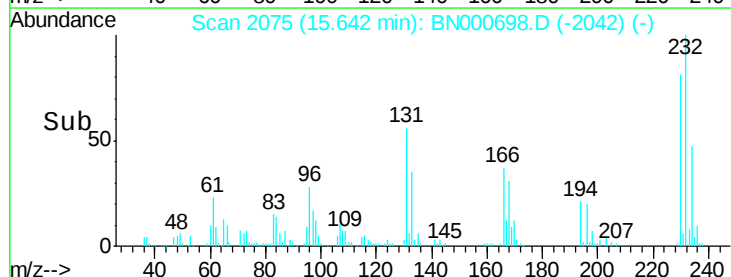
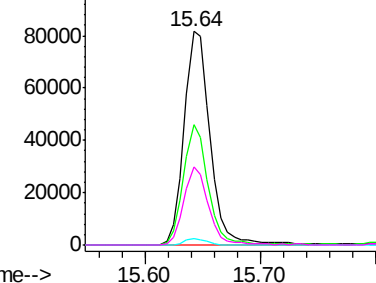


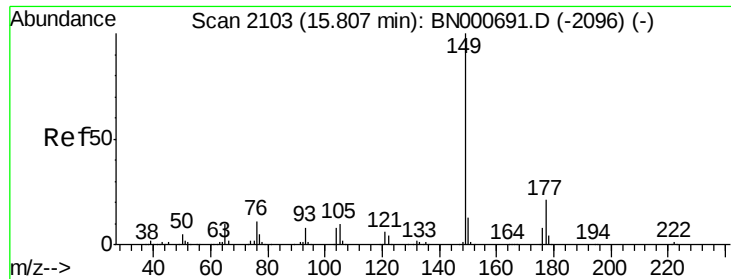
#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.632 ng/ul  
 RT: 15.64 min Scan# 2075  
 Delta R.T. -0.01 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Tgt Ion:232 Resp: 128008  
 Ion Ratio Lower Upper  
 232 100  
 131 56.3 48.0 72.0  
 130 2.9 4.0 6.0#  
 166 36.7 32.0 48.0



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

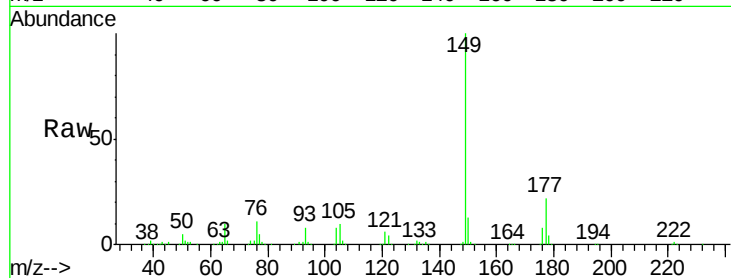




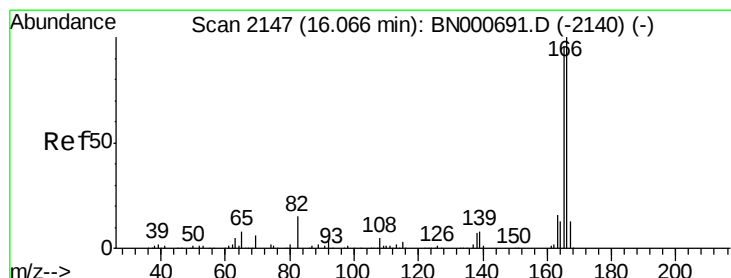
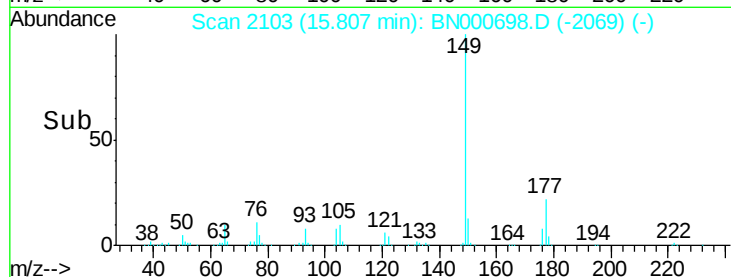
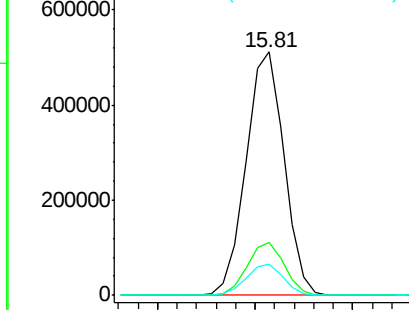
#56  
Diethylphthalate  
Concen: 21.506 ng/ul  
RT: 15.81 min Scan# 2103  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Instrument :  
BNA\_N  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.5  | 19.3  | 28.9  |
| 150     | 12.7  | 10.6  | 15.8  |

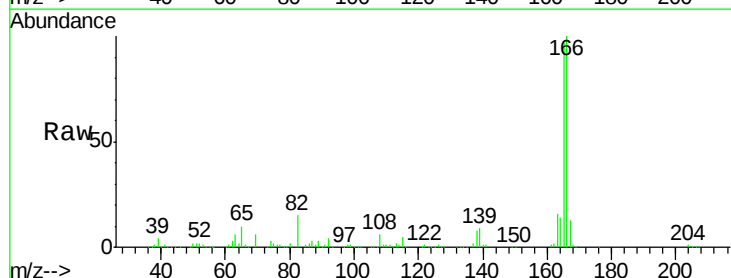


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

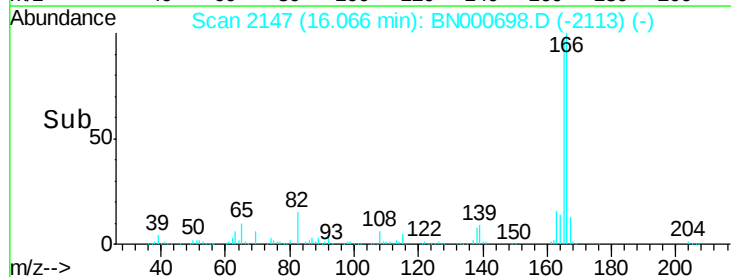
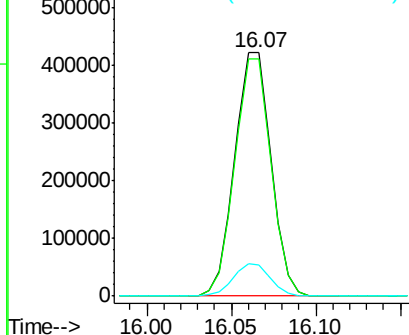


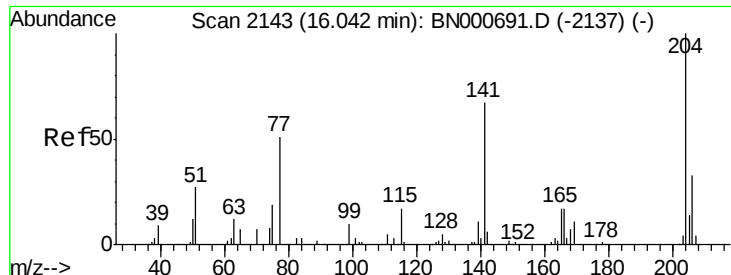
#58  
Fluorene  
Concen: 21.012 ng/ul  
RT: 16.07 min Scan# 2147  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.4  | 78.4  | 117.6 |
| 167     | 12.9  | 11.1  | 16.7  |



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

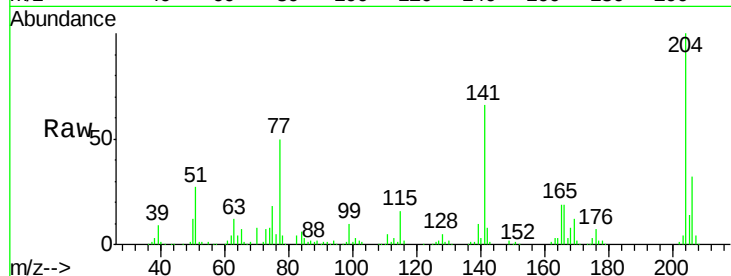




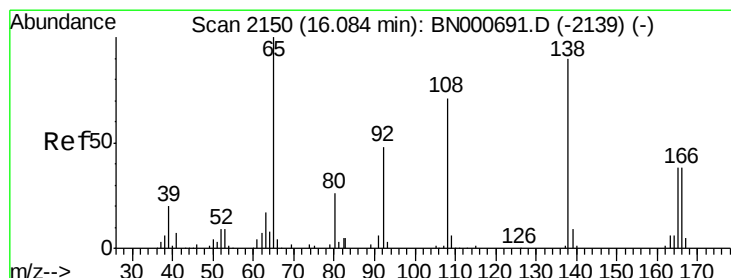
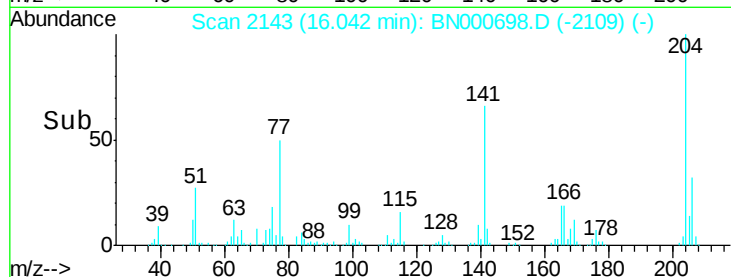
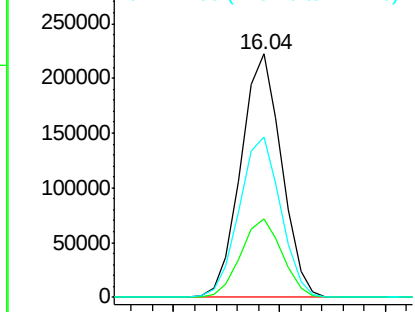
#59  
4-Chlorophenyl-phenylether  
Concen: 21.298 ng/ul  
RT: 16.04 min Scan# 2143  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:204 Resp: 297131  
Ion Ratio Lower Upper  
204 100  
206 32.4 26.6 40.0  
141 65.8 40.7 61.1#

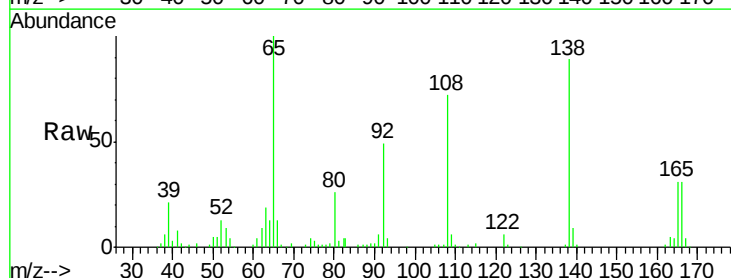


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

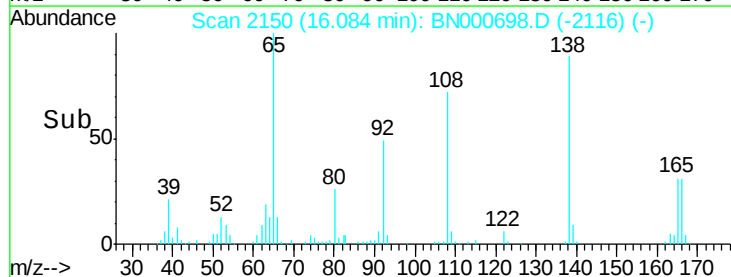
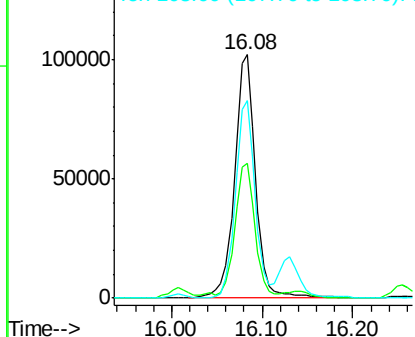


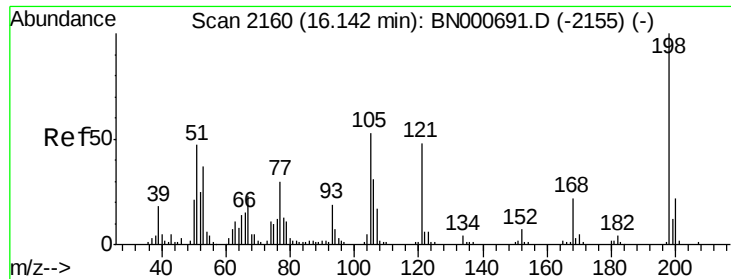
#60  
4-Nitroaniline  
Concen: 24.214 ng/ul  
RT: 16.08 min Scan# 2150  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Tgt Ion:138 Resp: 166200  
Ion Ratio Lower Upper  
138 100  
92 55.4 38.2 57.4  
108 81.0 70.0 105.0



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

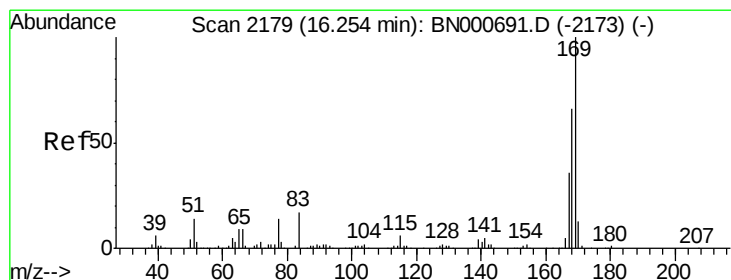
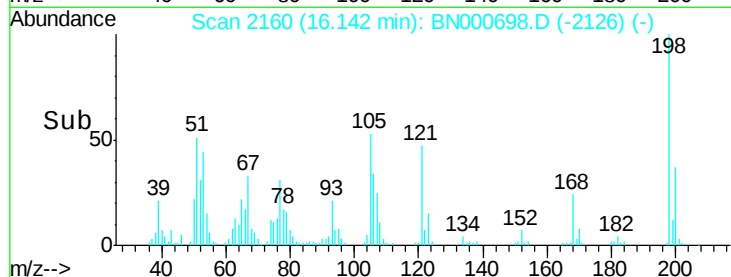
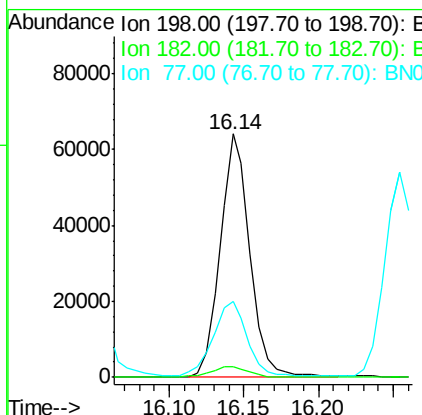
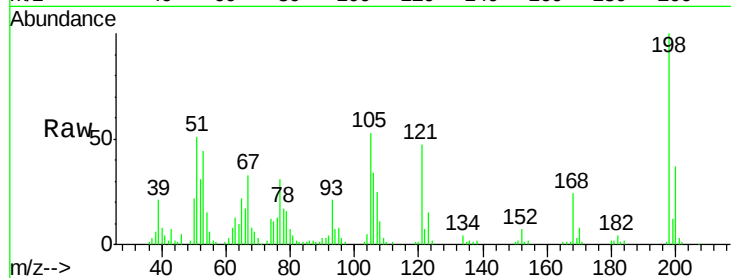




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 17.145 ng/ul  
 RT: 16.14 min Scan# 2160  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

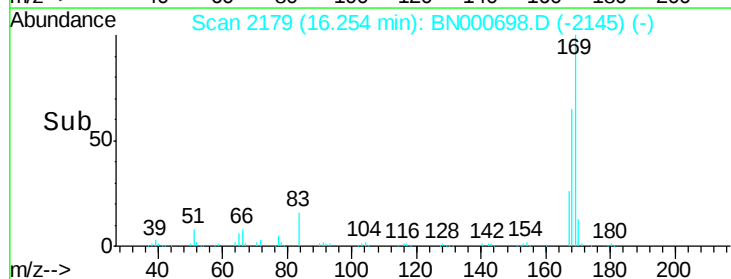
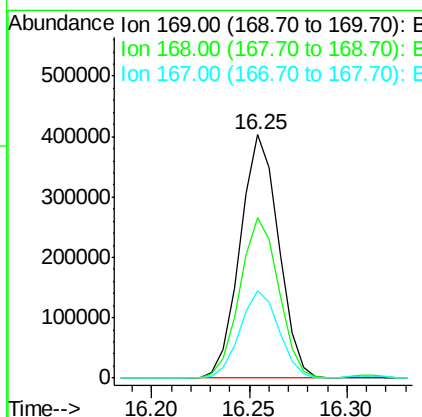
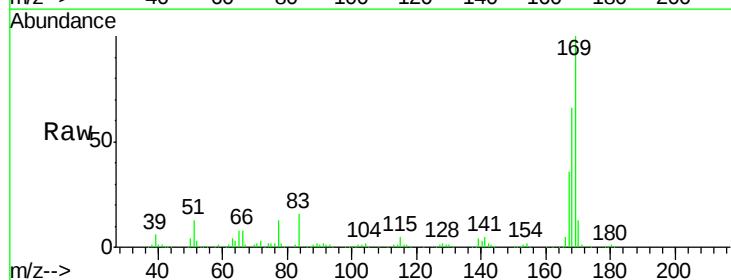
Instrument :  
 BNA\_N  
 ClientSampled :

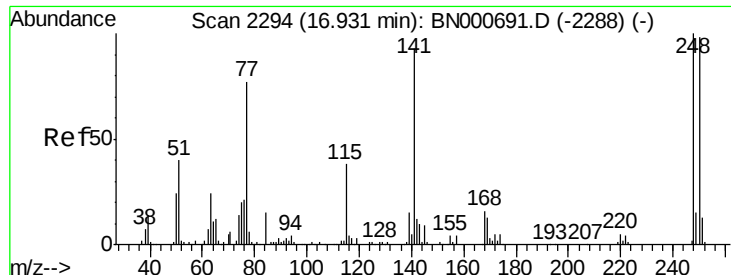
Tot Ion:198 Resp: 89457  
 Ion Ratio Lower Upper  
 198 100  
 182 4.4 3.5 5.3  
 77 31.2 18.2 27.4#



#64  
 N-Nitrosodiphenylamine  
 Concen: 19.426 ng/ul  
 RT: 16.25 min Scan# 2179  
 Delta R.T. 0.00 min  
 Lab File: BN000698.D  
 Acq: 02 Apr 2018 16:57

Tgt Ion:169 Resp: 552240  
 Ion Ratio Lower Upper  
 169 100  
 168 65.8 53.8 80.8  
 167 35.9 29.5 44.3

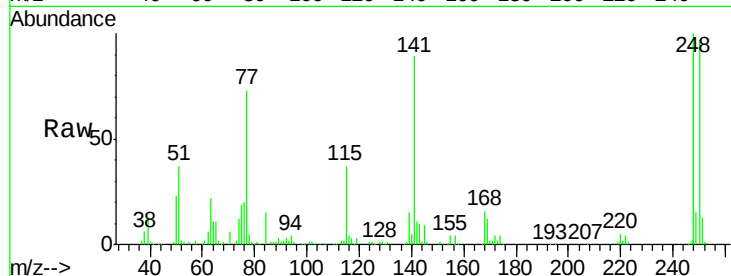




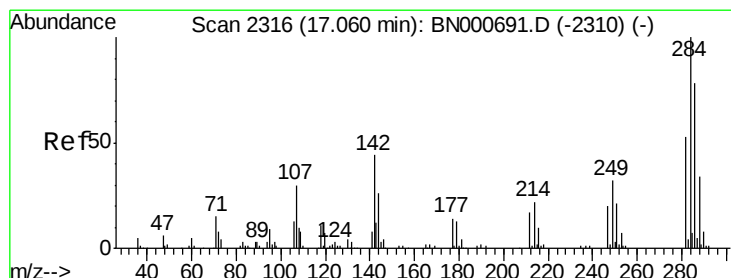
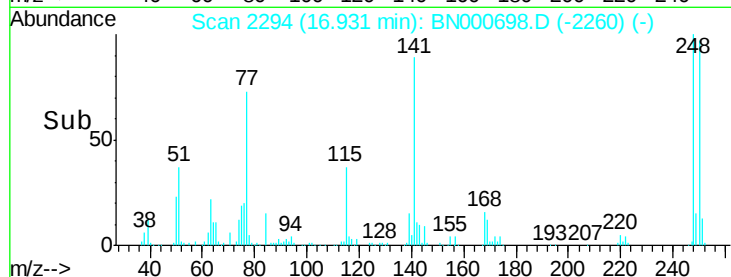
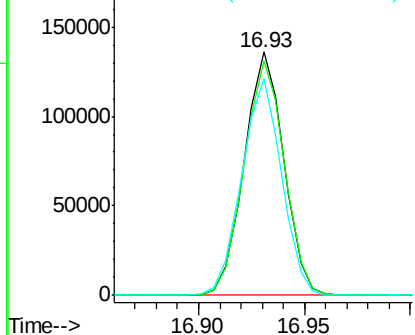
#65  
4-Bromophenyl-phenylether  
Concen: 20.158 ng/ul  
RT: 16.93 min Scan# 2294  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Instrument :  
BNA\_N  
ClientSampled :

Tot Ion:248 Resp: 177305  
Ion Ratio Lower Upper  
248 100  
250 96.6 79.0 118.4  
141 89.3 51.9 77.9#

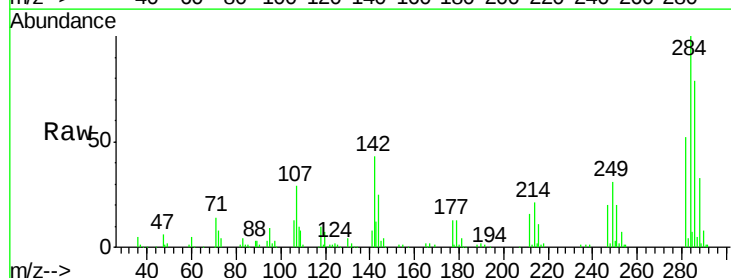


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

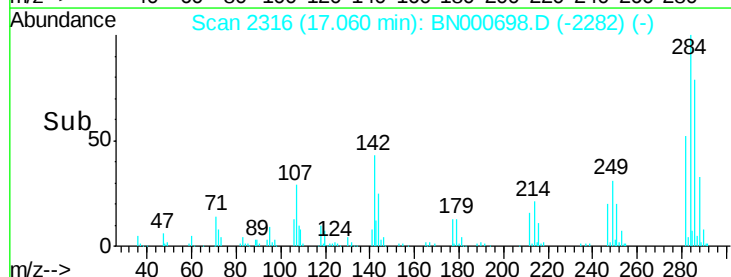
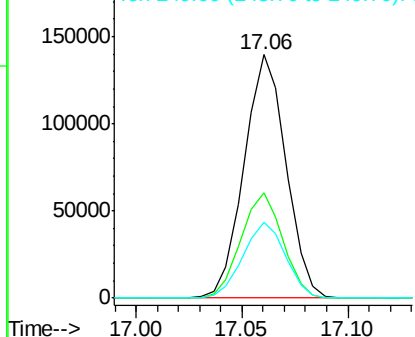


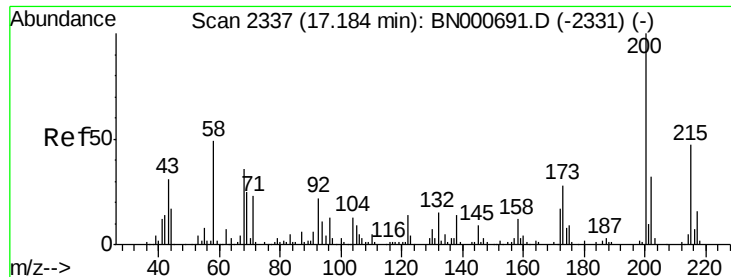
#66  
Hexachlorobenzene  
Concen: 20.757 ng/ul  
RT: 17.06 min Scan# 2316  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Tgt Ion:284 Resp: 192781  
Ion Ratio Lower Upper  
284 100  
142 43.3 21.3 31.9#  
249 31.4 26.3 39.5



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





#67

Atrazine

Concen: 22.047 ng/ul

RT: 17.18 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

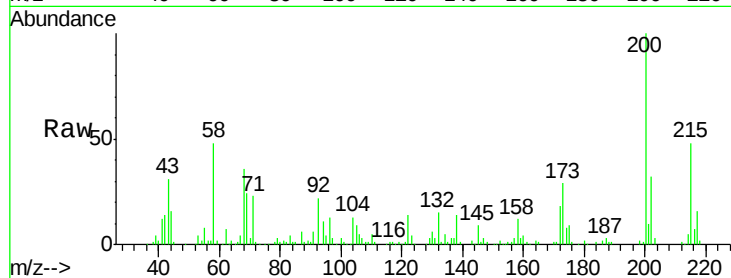
Tot Ion:200 Resp: 189037

Ion Ratio Lower Upper

200 100

173 28.6 20.6 31.0

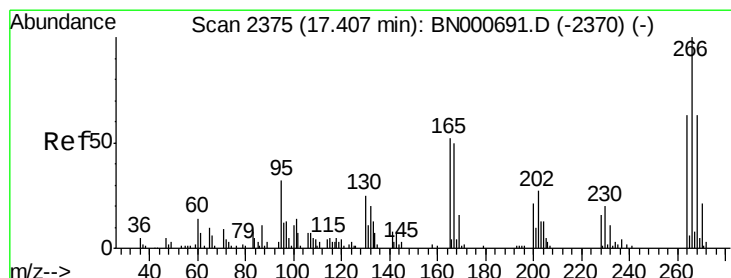
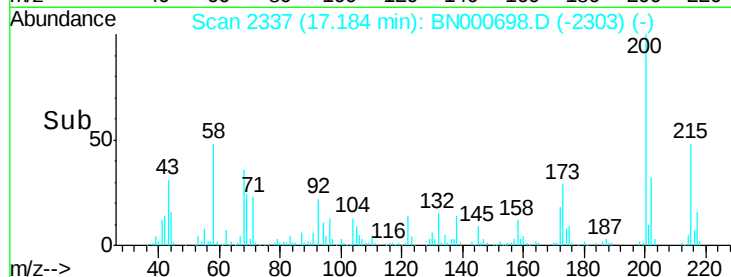
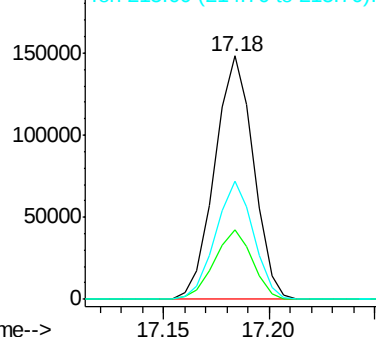
215 48.3 39.8 59.6



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



#68

Pentachlorophenol

Concen: 16.462 ng/ul

RT: 17.41 min Scan# 2375

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

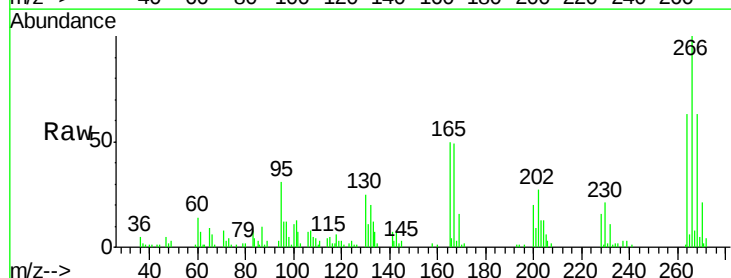
Tgt Ion:266 Resp: 80716

Ion Ratio Lower Upper

266 100

264 62.8 48.2 72.4

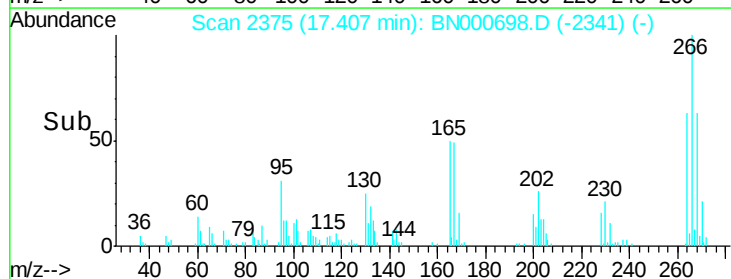
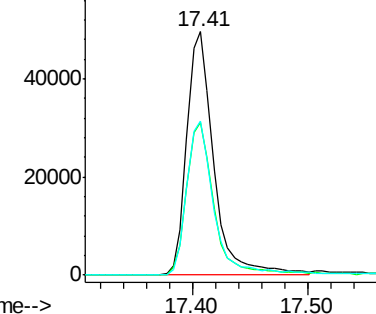
268 63.1 52.3 78.5

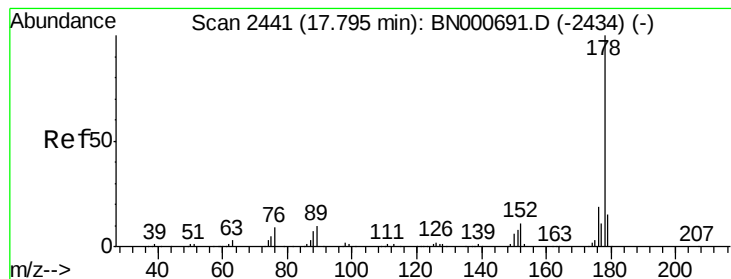


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.120 ng/ul

RT: 17.80 min Scan# 2441

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

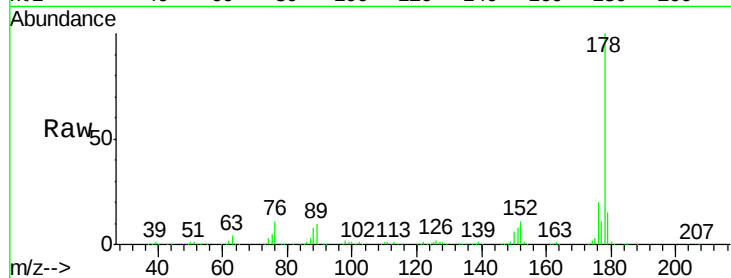
Instrument :

BNA\_N

ClientSampled :

Tot Ion:178 Resp: 1000223

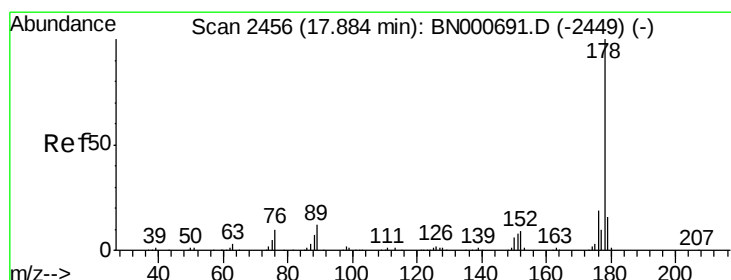
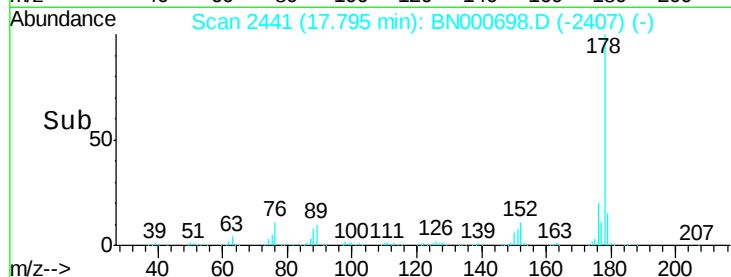
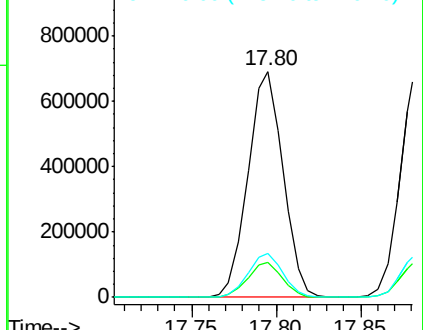
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 12.3  | 18.5  |
| 176 | 19.6  | 15.4  | 23.0  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.135 ng/ul

RT: 17.88 min Scan# 2456

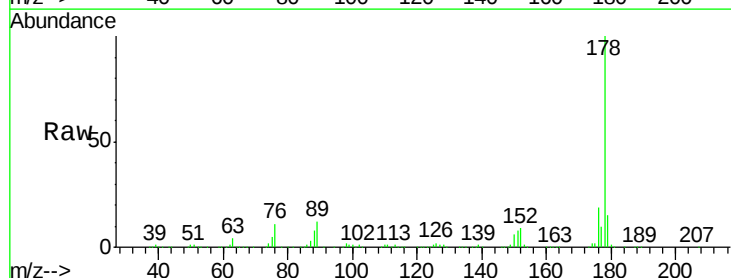
Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Tgt Ion:178 Resp: 1026393

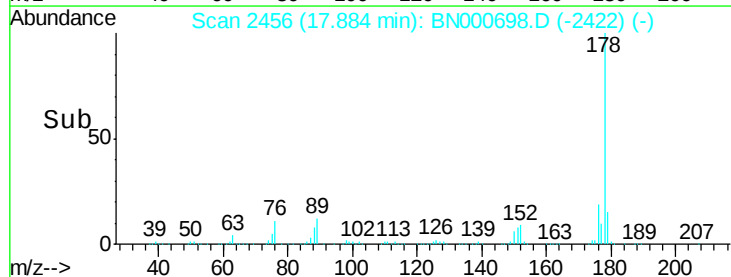
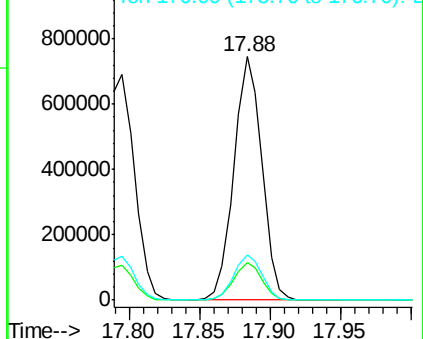
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.3  | 13.4  | 20.2  |
| 176 | 18.7  | 15.4  | 23.0  |

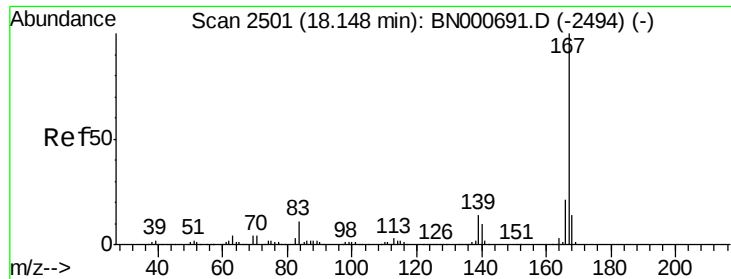


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 21.485 ng/ul

RT: 18.15 min Scan# 2501

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampled :

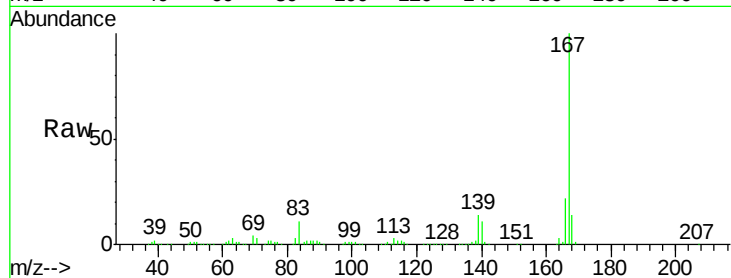
Tot Ion:167 Resp: 939170

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.4

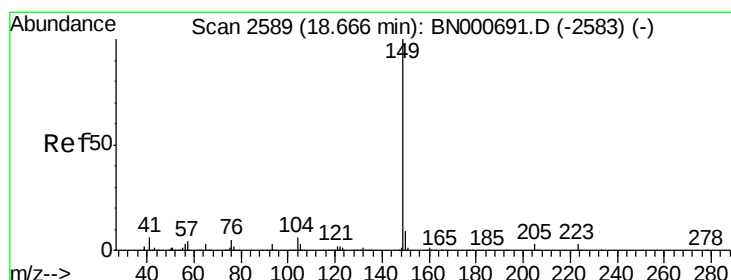
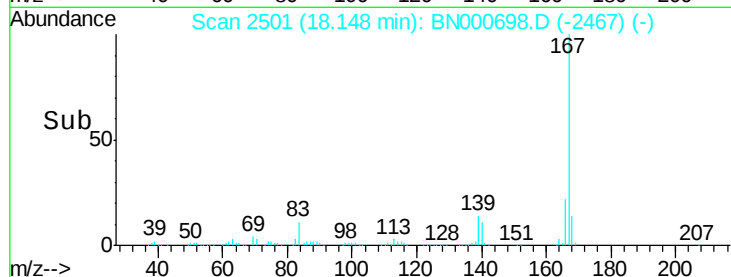
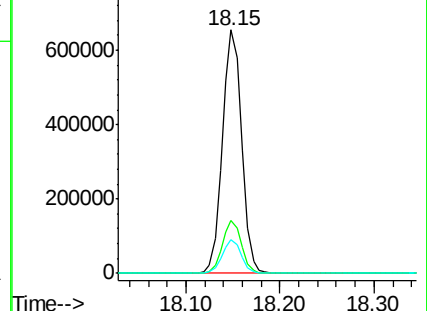
139 13.9 9.1 13.7#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 20.226 ng/ul

RT: 18.67 min Scan# 2589

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

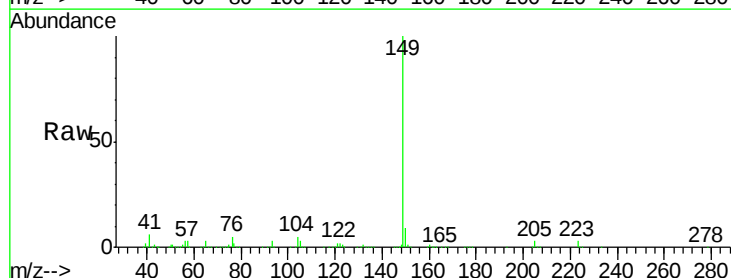
Tgt Ion:149 Resp: 1202370

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

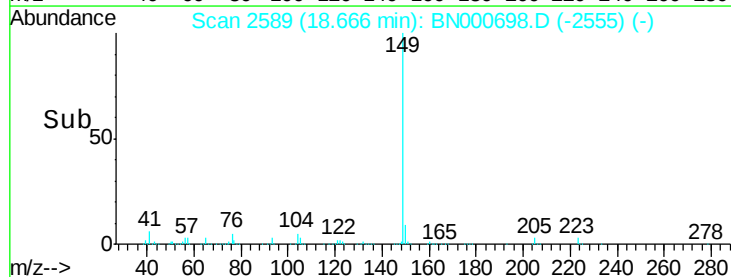
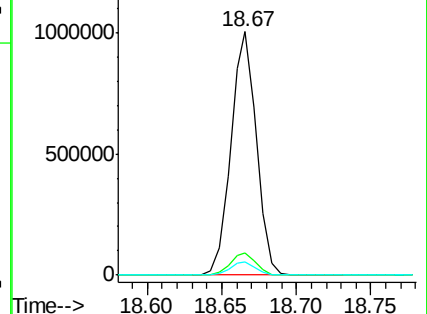
104 5.4 4.1 6.1

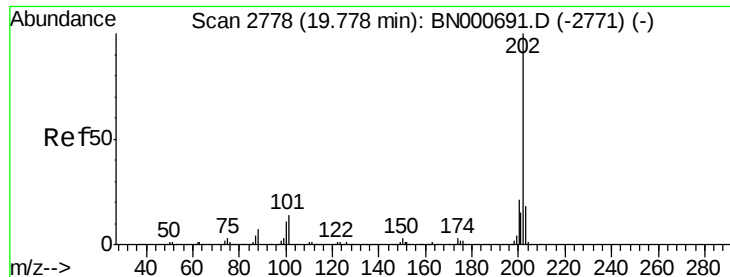


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 22.960 ng/ul

RT: 19.78 min Scan# 2778

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

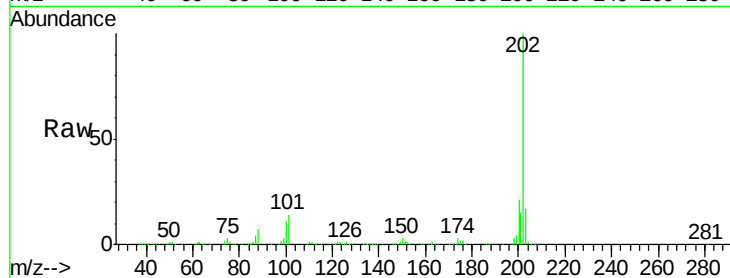
Tot Ion:202 Resp: 1134226

Ion Ratio Lower Upper

202 100

101 14.4 6.1 9.1#

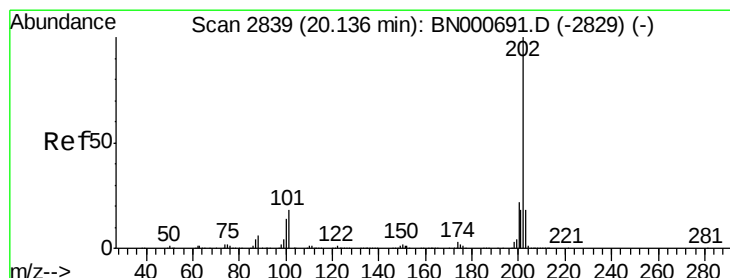
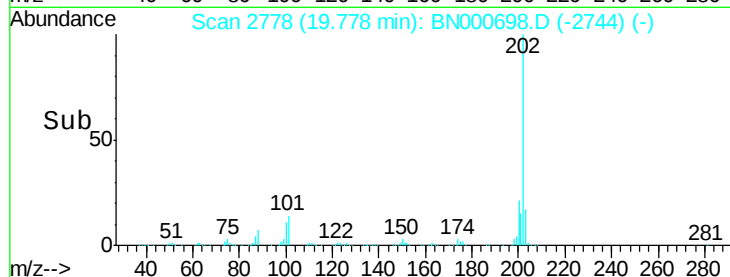
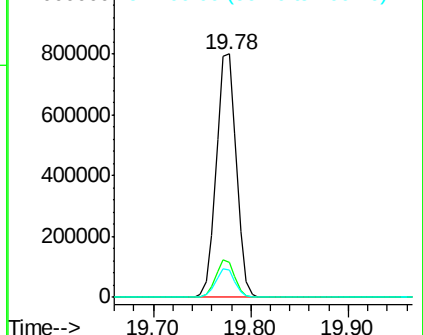
100 11.1 4.6 7.0#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 18.502 ng/ul

RT: 20.14 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

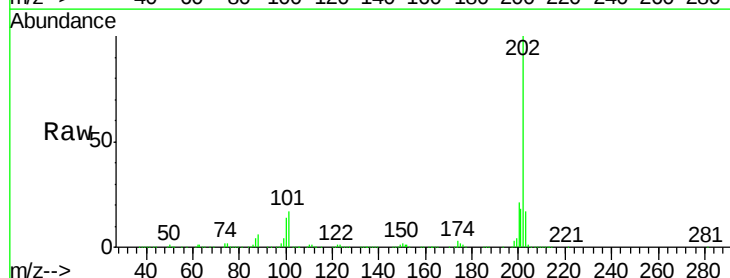
Tgt Ion:202 Resp: 1148016

Ion Ratio Lower Upper

202 100

101 17.0 6.9 10.3#

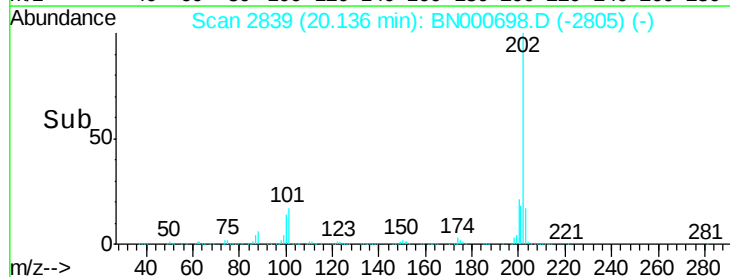
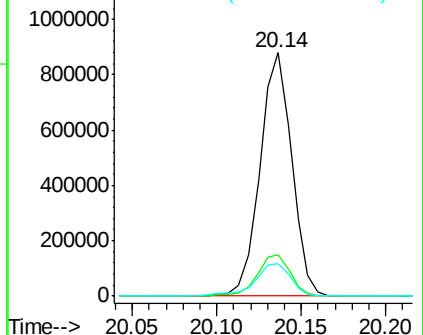
100 13.5 5.6 8.4#

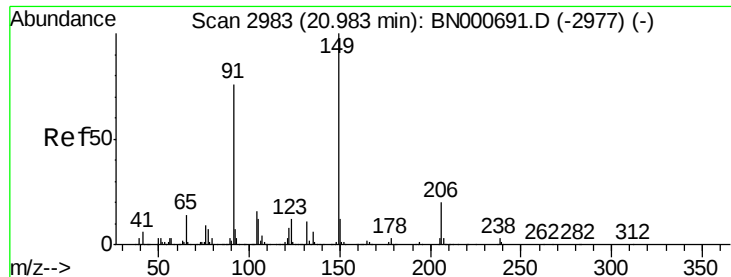


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

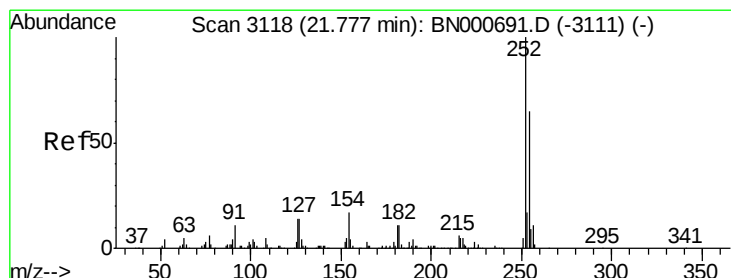
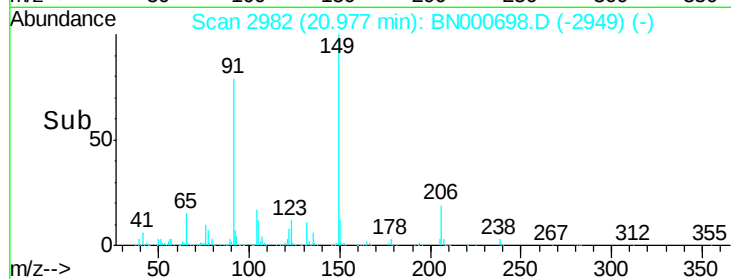
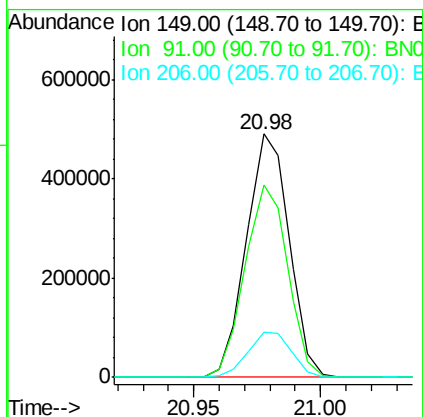
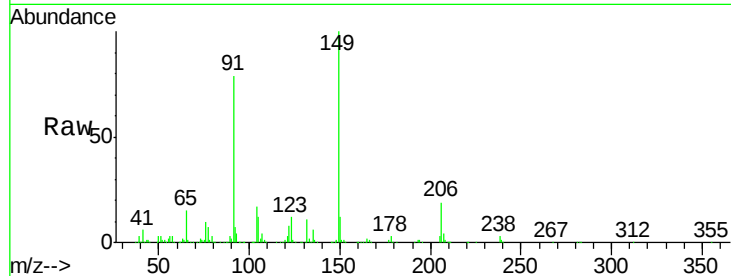




#78  
Butylbenzylphthalate  
Concen: 18.729 ng/ul  
RT: 20.98 min Scan# 2982  
Delta R.T. -0.01 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

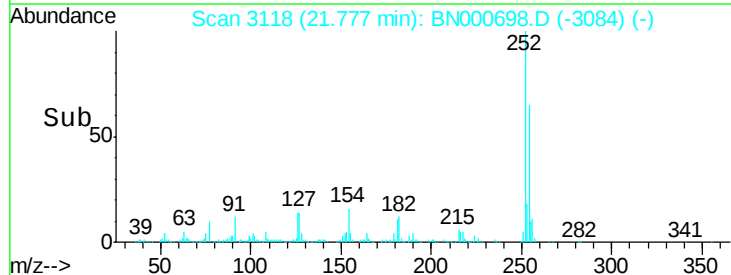
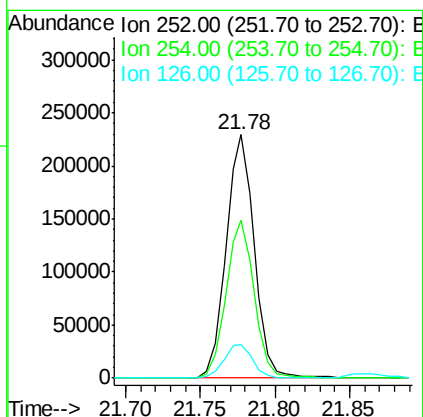
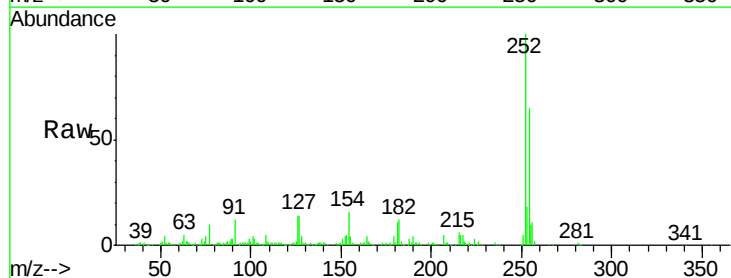
Instrument :  
BNA\_N  
ClientSampleId :

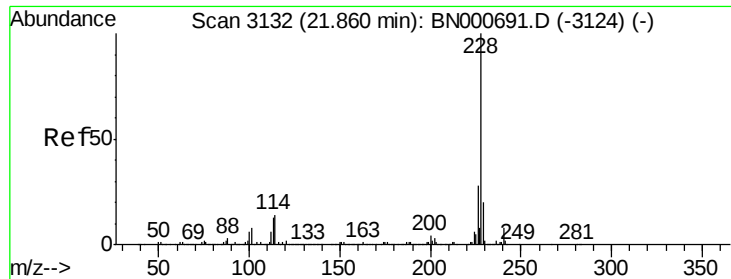
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 79.1  | 53.4  | 80.0  |
| 206     | 18.6  | 19.3  | 28.9# |



#79  
3,3'-Dichlorobenzidine  
Concen: 18.356 ng/ul  
RT: 21.78 min Scan# 3118  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.7  | 52.8  | 79.2  |
| 126     | 14.1  | 6.9   | 10.3# |





#80

Benzo(a)anthracene

Concen: 19.470 ng/ul

RT: 21.86 min Scan# 3132

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

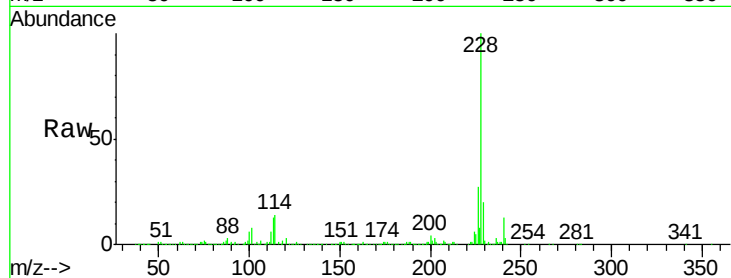
Tot Ion:228 Resp: 1102015

Ion Ratio Lower Upper

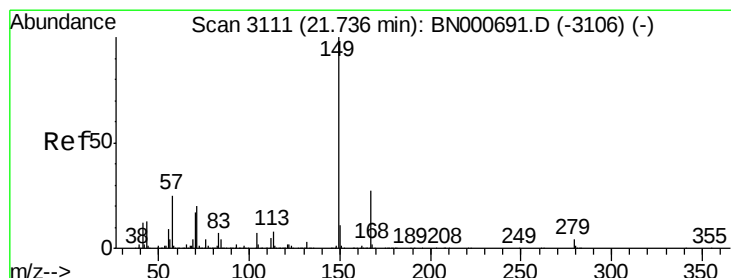
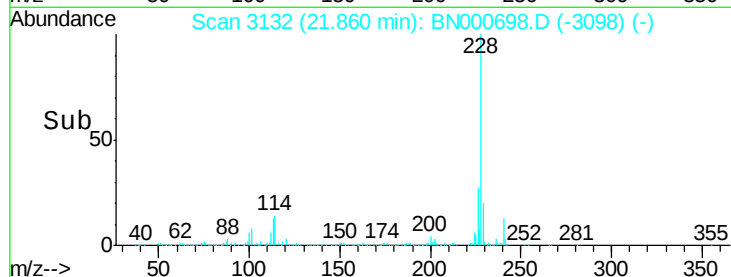
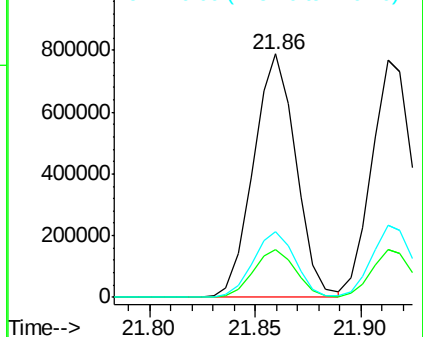
228 100

229 19.7 16.0 24.0

226 27.2 21.8 32.8



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 18.718 ng/ul

RT: 21.74 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

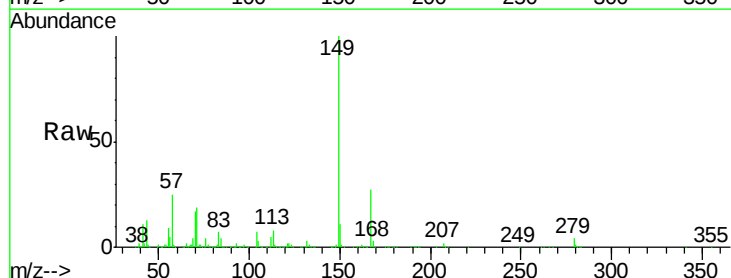
Tgt Ion:149 Resp: 837524

Ion Ratio Lower Upper

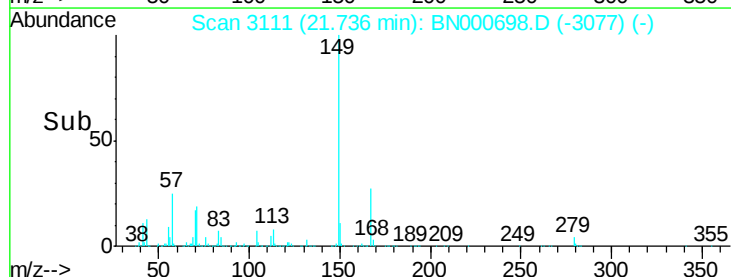
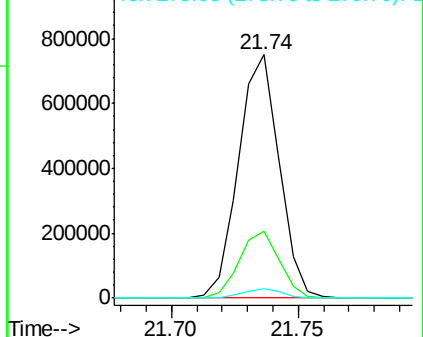
149 100

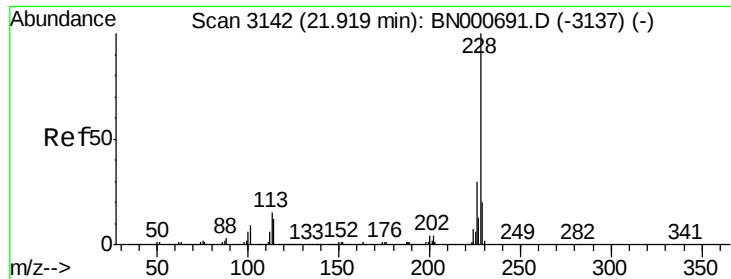
167 27.4 23.0 34.6

279 4.0 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E

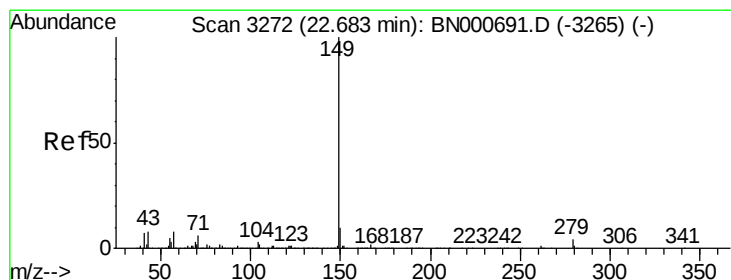
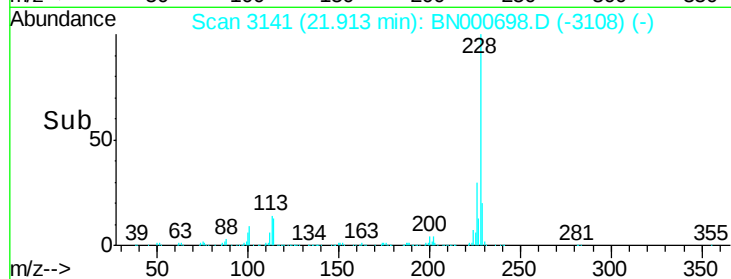
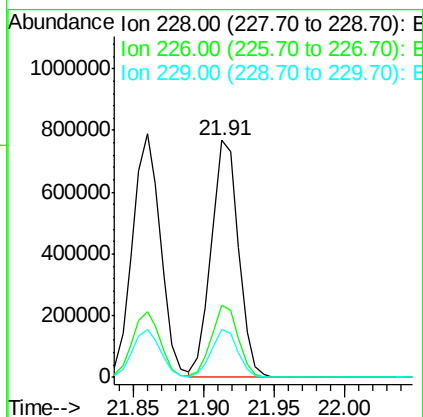
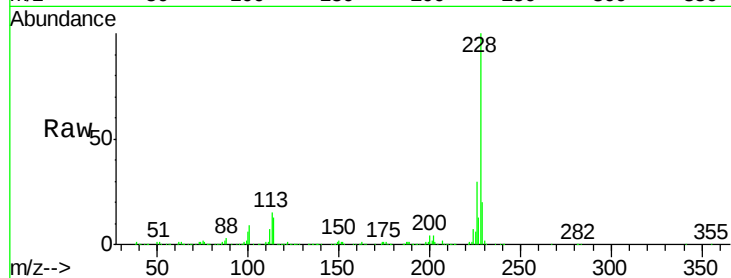




#82  
Chrysene  
Concen: 19.389 ng/ul  
RT: 21.91 min Scan# 3141  
Delta R.T. -0.01 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

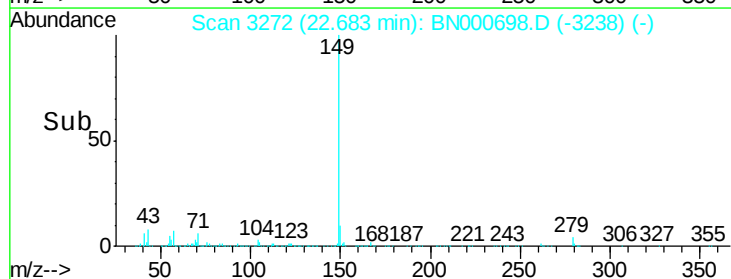
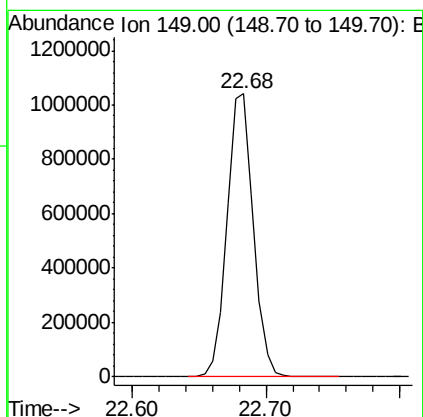
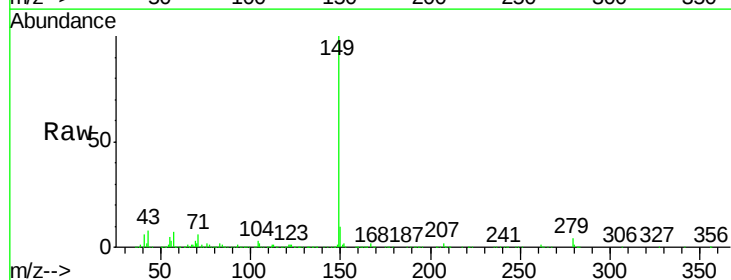
Instrument :  
BNA\_N  
ClientSampled :

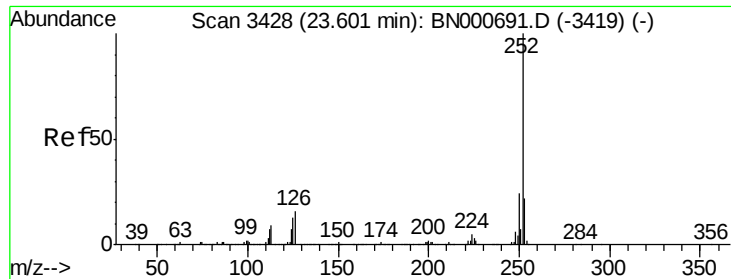
Tot Ion:228 Resp: 1028825  
Ion Ratio Lower Upper  
228 100  
226 30.4 24.1 36.1  
229 20.3 16.0 24.0



#84  
Di-n-octyl phthalate  
Concen: 22.438 ng/ul  
RT: 22.68 min Scan# 3272  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Tgt Ion:149 Resp: 1434274

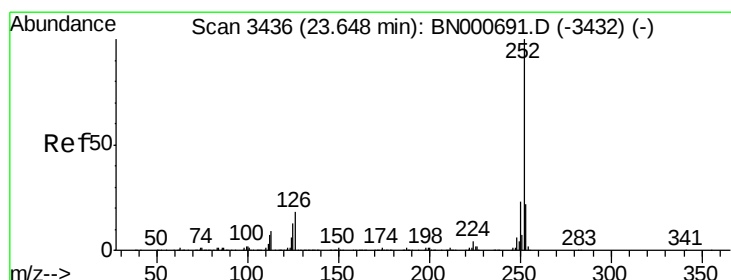
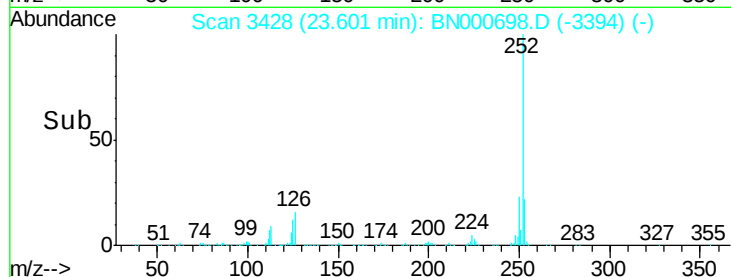
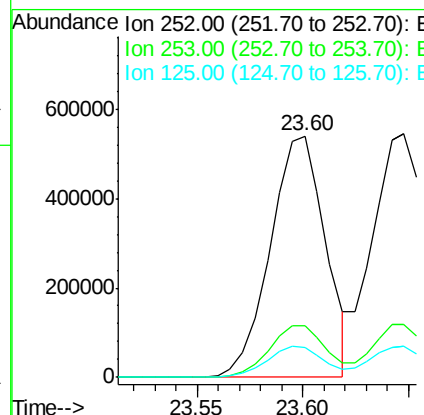
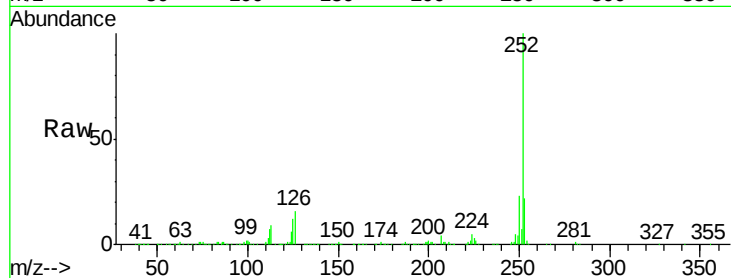




#85  
Benzo(b)fluoranthene  
Concen: 20.375 ng/ul  
RT: 23.60 min Scan# 3428  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

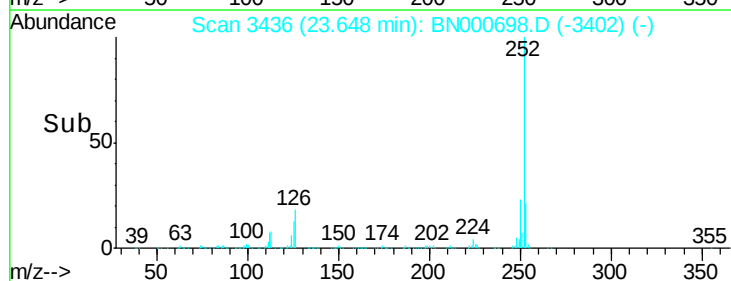
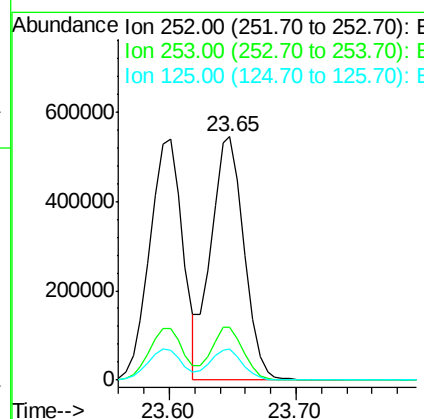
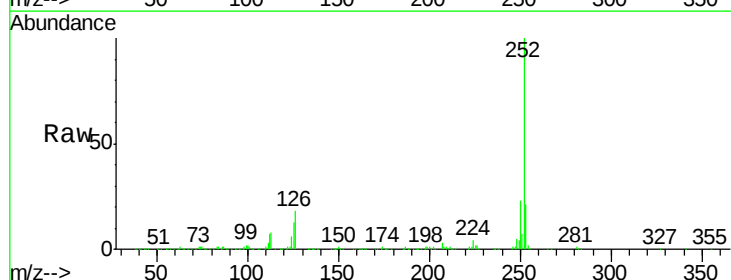
Instrument :  
BNA\_N  
ClientSampleId :

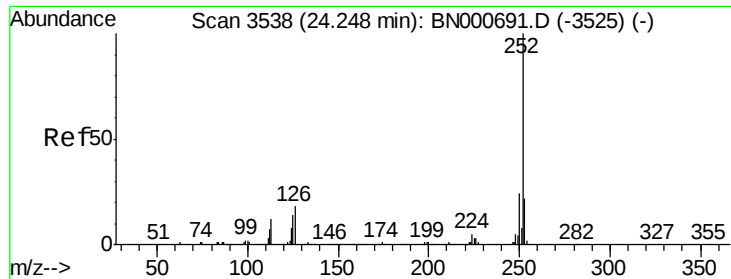
Tot Ion:252 Resp: 977728  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.4 26.0  
125 12.5 4.9 7.3#



#86  
Benzo(k)fluoranthene  
Concen: 21.349 ng/ul  
RT: 23.65 min Scan# 3436  
Delta R.T. 0.00 min  
Lab File: BN000698.D  
Acq: 02 Apr 2018 16:57

Tgt Ion:252 Resp: 989000  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.1 25.7  
125 12.5 5.4 8.0#





#88

Benzo(a)pyrene

Concen: 20.257 ng/u1

RT: 24.25 min Scan# 3538

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

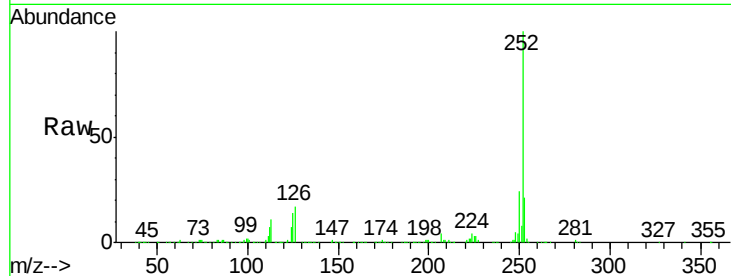
Tot Ion:252 Resp: 914846

Ion Ratio Lower Upper

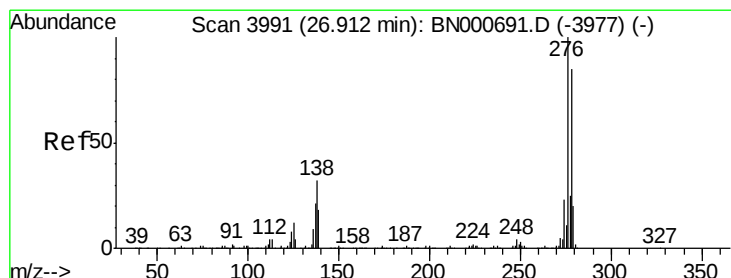
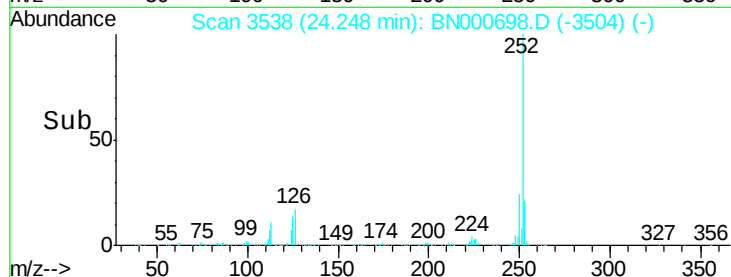
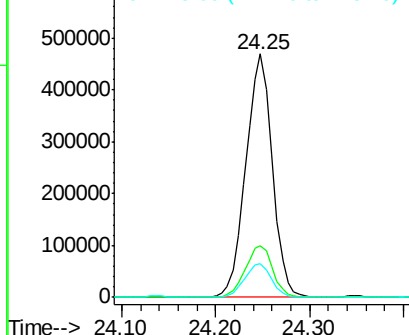
252 100

253 21.4 17.2 25.8

125 13.7 5.8 8.6#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 18.344 ng/u1

RT: 26.91 min Scan# 3991

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

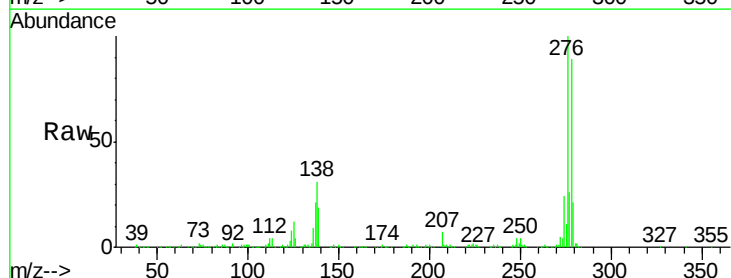
Tgt Ion:276 Resp: 893335

Ion Ratio Lower Upper

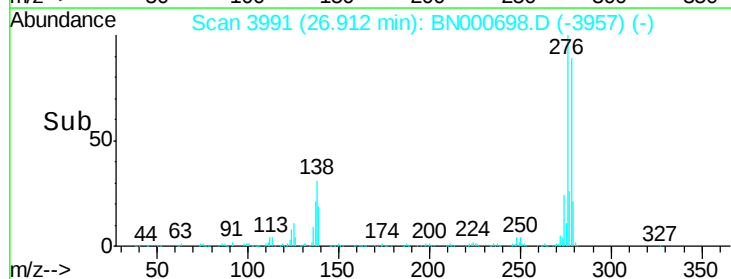
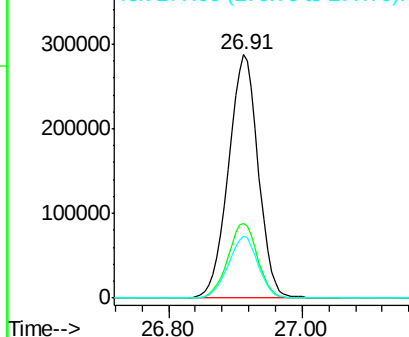
276 100

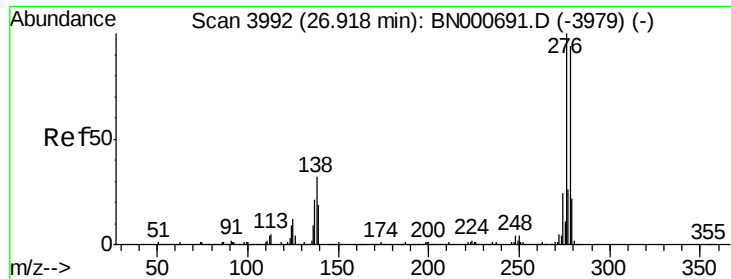
138 30.7 10.9 16.3#

277 25.6 18.9 28.3



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





#90

Dibenzo(a,h)anthracene

Concen: 18.369 ng/ul

RT: 26.92 min Scan# 3992

Delta R.T. 0.00 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

Instrument :

BNA\_N

ClientSampleId :

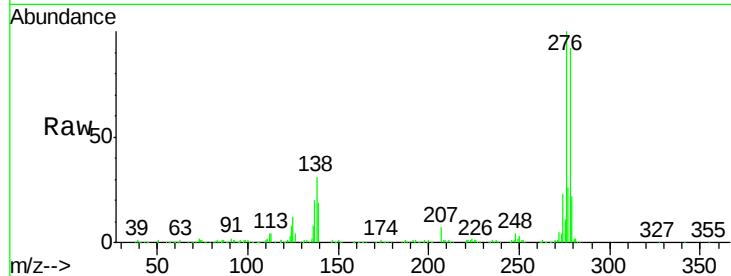
Tot Ion:278 Resp: 745194

Ion Ratio Lower Upper

278 100

139 20.3 9.0 13.4#

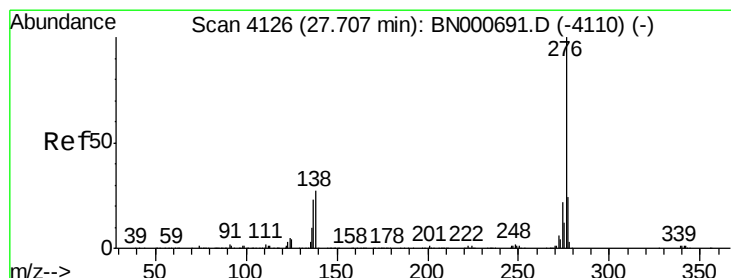
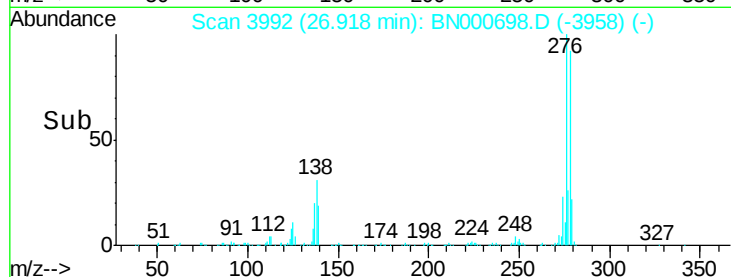
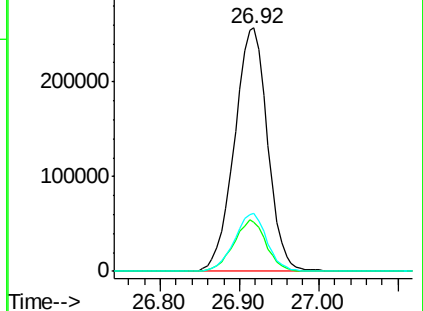
279 23.7 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 17.783 ng/ul

RT: 27.70 min Scan# 4125

Delta R.T. -0.01 min

Lab File: BN000698.D

Acq: 02 Apr 2018 16:57

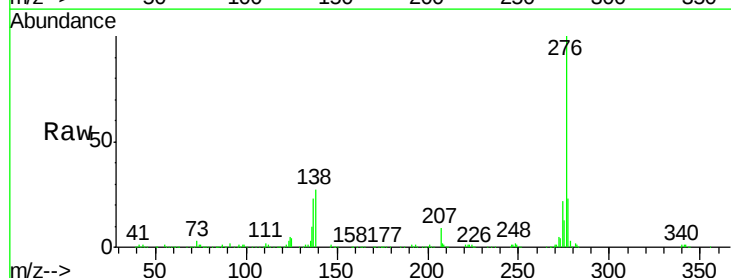
Tgt Ion:276 Resp: 719654

Ion Ratio Lower Upper

276 100

138 27.0 11.2 16.8#

277 23.1 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

