Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002503.D
Acq On : 24 Aug 2018 16:29
Operator : JU/SJ
Sample : J4628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** DB3E7

Quant Time: Aug 27 14:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 01:30:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.67 | 152 | 130343 | 20.00 | ng/ul | 0.00 |
| 18) Naphthalene-d8 | 10.44 | 136 | 626370 | 20.00 | ng/ul | 0.00 |
| 35) Acenaphthene-d10 | 14.30 | 164 | 387915 | 20.00 | ng/ul | 0.00 |
| 61) Phenanthrene-d10 | 17.05 | 188 | 940471 | 20.00 | ng/ul | 0.00 |
| 77) Chrysene-d12 | 21.25 | 240 | 1163407 | 20.00 | ng/ul | 0.00 |
| 85) Perylene-d12 | 23.47 | 264 | 1276719 | 20.00 | ng/ul | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 3) 1,4-Dioxane-d8 | 3.23 | 96 | 11866 | 4.30 | ng/uL | 0.00 |
| 5) Phenol-d5 | 6.85 | 99 | 332403 | 27.82 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d | 7.01 | 67 | 207380 | 27.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4 | 7.20 | 132 | 254588 | 27.97 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8 | 8.37 | 113 | 262100 | 27.43 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5 | 8.82 | 128 | 135699 | 27.22 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4 | 9.53 | 143 | 143917 | 27.45 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3 | 10.07 | 165 | 268007 | 27.82 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4 | 10.58 | 131 | 257240 | 24.70 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6 | 13.72 | 166 | 943748 | 29.35 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8 | 13.99 | 160 | 1153951 | 29.25 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4 | 14.52 | 143 | 151236 | 24.88 | ng/ul | 0.00 |
| 57) Fluorene-d10 | 15.30 | 176 | 821507 | 29.47 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.43 | 200 | 149357 | 24.94 | ng/ul | 0.00 |
| 70) Anthracene-d10 | 17.15 | 188 | 1341857 | 29.87 | ng/ul | 0.00 |
| 78) Pyrene-d10 | 19.45 | 212 | 1565803 | 28.13 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12 | 23.33 | 264 | 1979132 | 29.65 | ng/ul | 0.00 |

| Target Compounds | R.T. | QIon | Response | Conc | Units | Qvalue |
|---|---|---|---|---|---|---|
| 2) 1,4-Dioxane | 3.27 | 88 | 25549 | 8.648 | ng/uL# | 87 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20 | 45 | 295529 | 19.286 | ng/ul# | 83 |
| 20) Nitrobenzene | 8.86 | 77 | 247567 | 20.748 | ng/ul | 93 |
| 23) 2-Nitrophenol | 9.56 | 139 | 144837 | 26.281 | ng/ul# | 85 |
| 25) Bis(2-Chloroethoxy)methane | 9.86 | 93 | 220071 | 16.239 | ng/ul | 99 |
| 27) 2,4-Dichlorophenol | 10.09 | 162 | 180999 | 19.401 | ng/ul | 98 |
| 28) Naphthalene | 10.49 | 128 | 368476 | 11.434 | ng/ul | 100 |
| 33) 4-Chloro-3-methylphenol | 11.73 | 107 | 661765 | 61.644 | ng/ul | 100 |
| 34) 2-Methylnaphthalene | 12.10 | 142 | 663099 | 27.878 | ng/ul | 99 |
| 37) Hexachlorocyclopentadiene | 12.46 | 237 | 195133 | 27.339 | ng/ul | 99 |
| 38) 2,4,6-Trichlorophenol | 12.73 | 196 | 145504 | 19.231 | ng/ul | 98 |
| 41) 2-Chloronaphthalene | 13.17 | 162 | 502789 | 20.770 | ng/ul | 98 |
| 45) 2,6-Dinitrotoluene | 13.88 | 165 | 73398 | 11.519 | ng/ul# | 83 |
| 47) Acenaphthylene | 14.02 | 152 | 667017 | 17.759 | ng/ul | 99 |
| 49) Acenaphthene | 14.36 | 153 | 363143 | 13.707 | ng/ul | 99 |
| 54) 2,4-Dinitrotoluene | 14.68 | 165 | 295048 | 30.711 | ng/ul# | 86 |
| 55) 2,3,4,6-Tetrachlorophenol | 14.93 | 232 | 257111 | 36.371 | ng/ul | 100 |
| 58) Fluorene | 15.35 | 166 | 398255 | 13.023 | ng/ul | 99 |
| 59) 4-Chlorophenyl-phenylether | 15.35 | 204 | 326063 | 21.603 | ng/ul | 94 |
| 63) 4,6-Dinitro-2-methylphenol | 15.45 | 198 | 515075 | 83.387 | ng/ul | 98 |
| 65) 4-Bromophenyl-phenylether | 16.25 | 248 | 243949 | 25.426 | ng/ul | 93 |
| 66) Hexachlorobenzene | 16.36 | 284 | 282932 | 26.424 | ng/ul | 93 |
| 69) Phenanthrene | 17.09 | 178 | 717736 | 13.844 | ng/ul | 99 |

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002503.D
Acq On : 24 Aug 2018 16:29
Operator : JU/SJ
Sample : J4628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Quant Time: Aug 27 14:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 01:30:26 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 71) Anthracene | 17.18 | 178 | 887381 | 16.876 | ng/ul | 100 |
| 76) Fluoranthene | 19.12 | 202 | 2162905 | 36.654 | ng/ul | 99 |
| 79) Pyrene | 19.48 | 202 | 895296 | 12.763 | ng/ul | 99 |
| 82) Benzo(a)anthracene | 21.23 | 228 | 942341 | 13.221 | ng/ul | 99 |
| 84) Chrysene | 21.29 | 228 | 870402 | 12.903 | ng/ul | 98 |
| 87) Benzo(b)fluoranthene | 22.81 | 252 | 3112064 | 40.665 | ng/ul | 100 |
| 88) Benzo(k)fluoranthene | 22.85 | 252 | 934635 | 12.963 | ng/ul | 99 |
| 90) Benzo(a)pyrene | 23.37 | 252 | 804123 | 11.030 | ng/ul | 99 |
| 91) Indeno(1,2,3-cd)pyrene | 25.69 | 276 | 1206491 | 13.911 | ng/ul | 98 |
| 92) Dibenzo(a,h)anthracene | 25.70 | 278 | 1192056 | 16.441 | ng/ul | 98 |
| 93) Benzo(g,h,i)perylene | 26.36 | 276 | 1056799 | 14.604 | ng/ul | 97 |

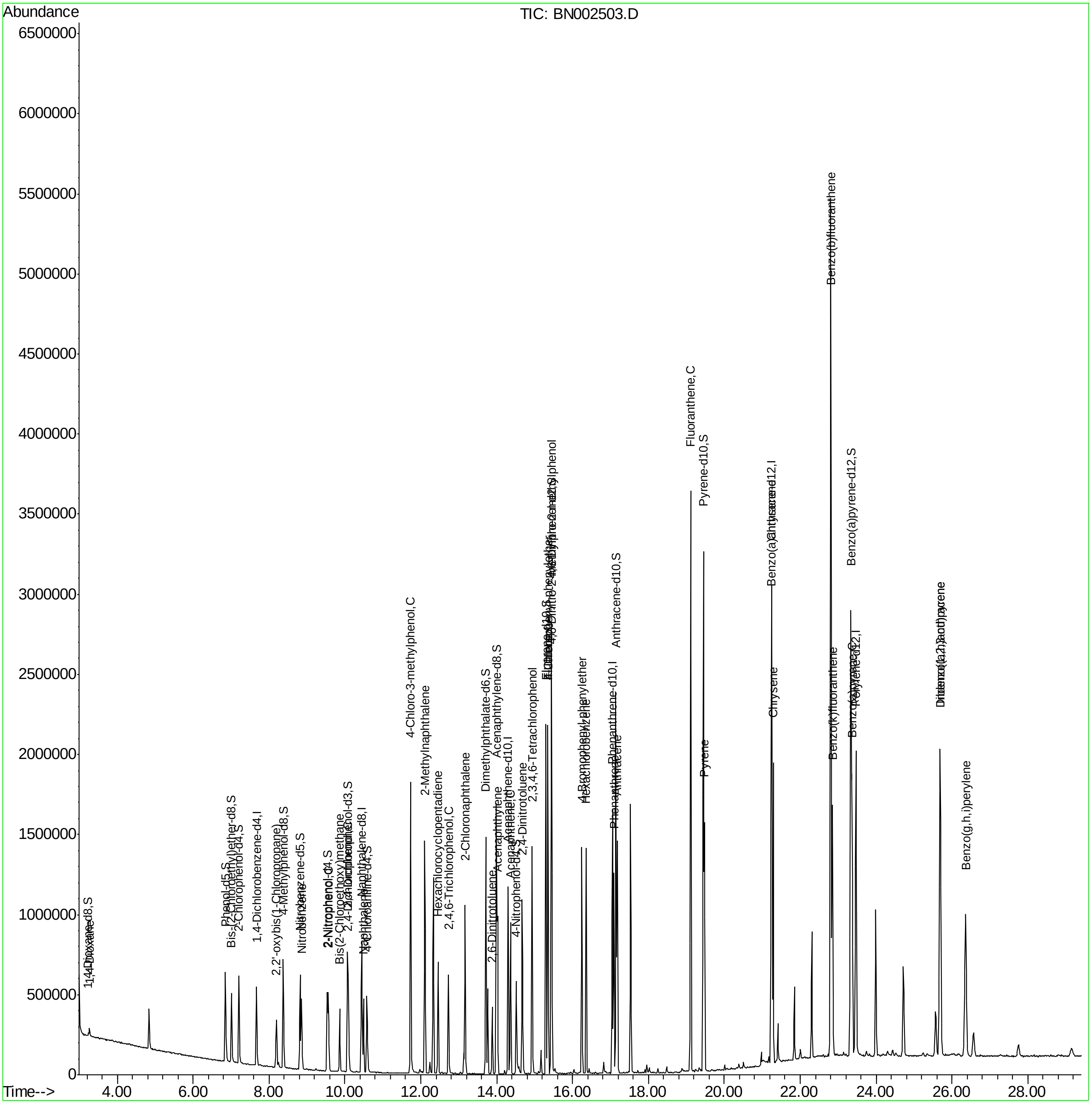
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (LSC Reviewed)

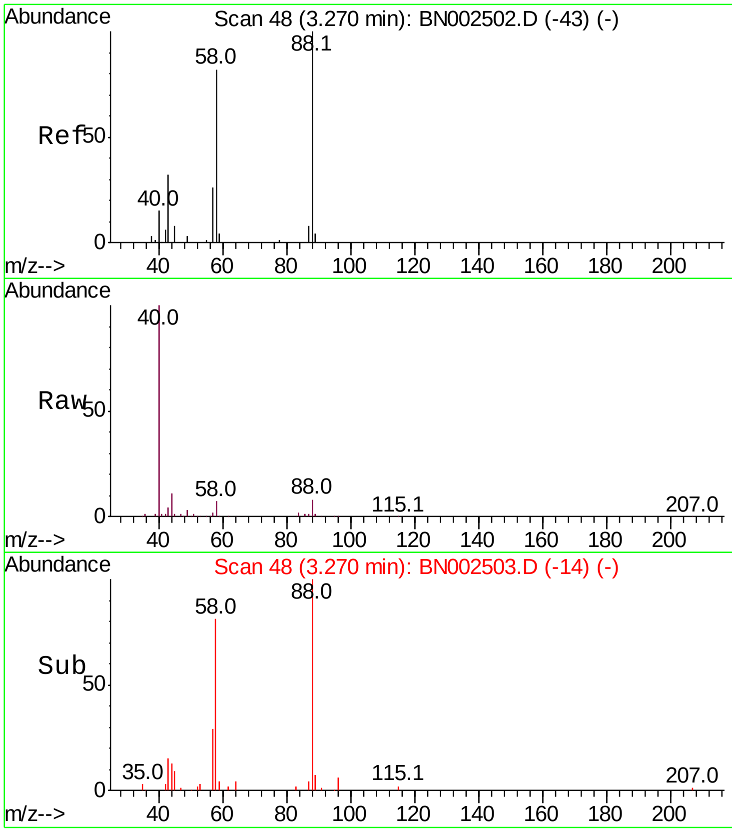
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082418\
Data File : BN002503.D
Acq On : 24 Aug 2018 16:29
Operator : JU/SJ
Sample : J4628-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

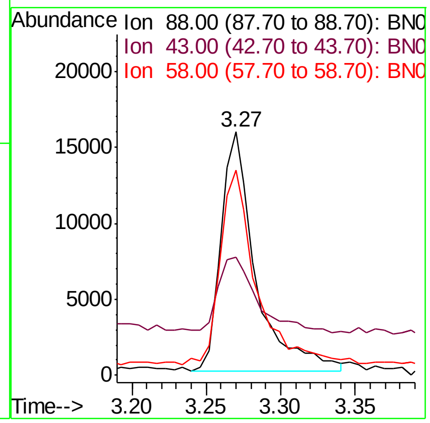
**Instrument :** BNA_N
**ClientSampleId :** DB3E7

Quant Time: Aug 27 14:24:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 25 01:30:26 2018
Response via : Initial Calibration



Instrument :
BNA_N
ClientSampleId :
DB3E7

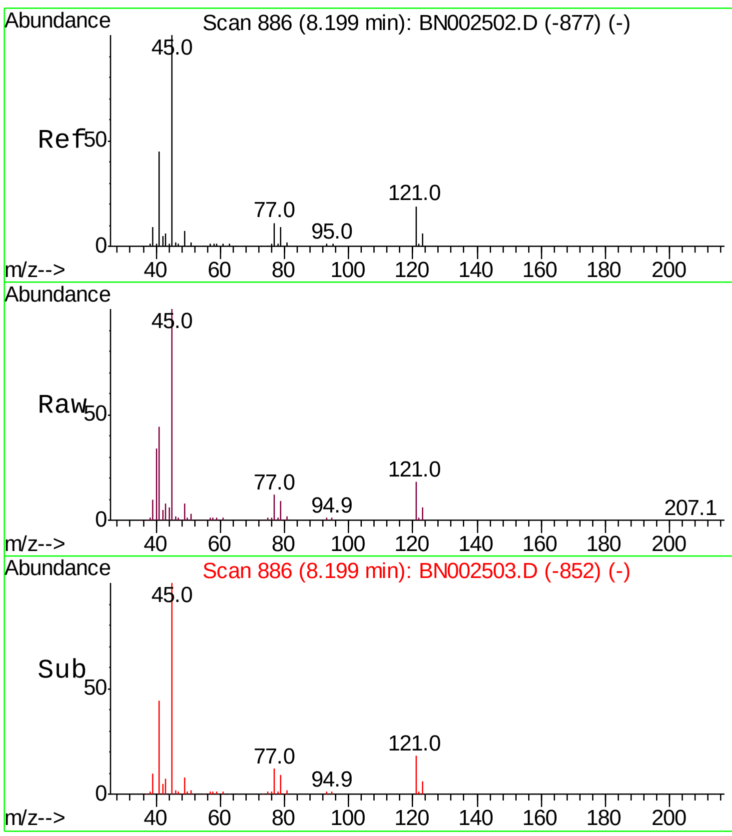


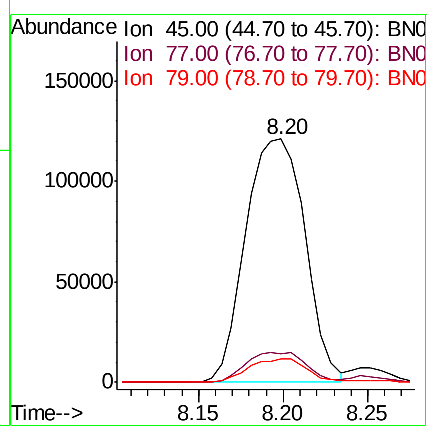




#2
1,4-Dioxane
Concen: 8.648 ng/uL
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion: 88 Resp: 25549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 31.0 | 32.0 | 48.0# |
| 58 | 79.1 | 72.0 | 108.0 |

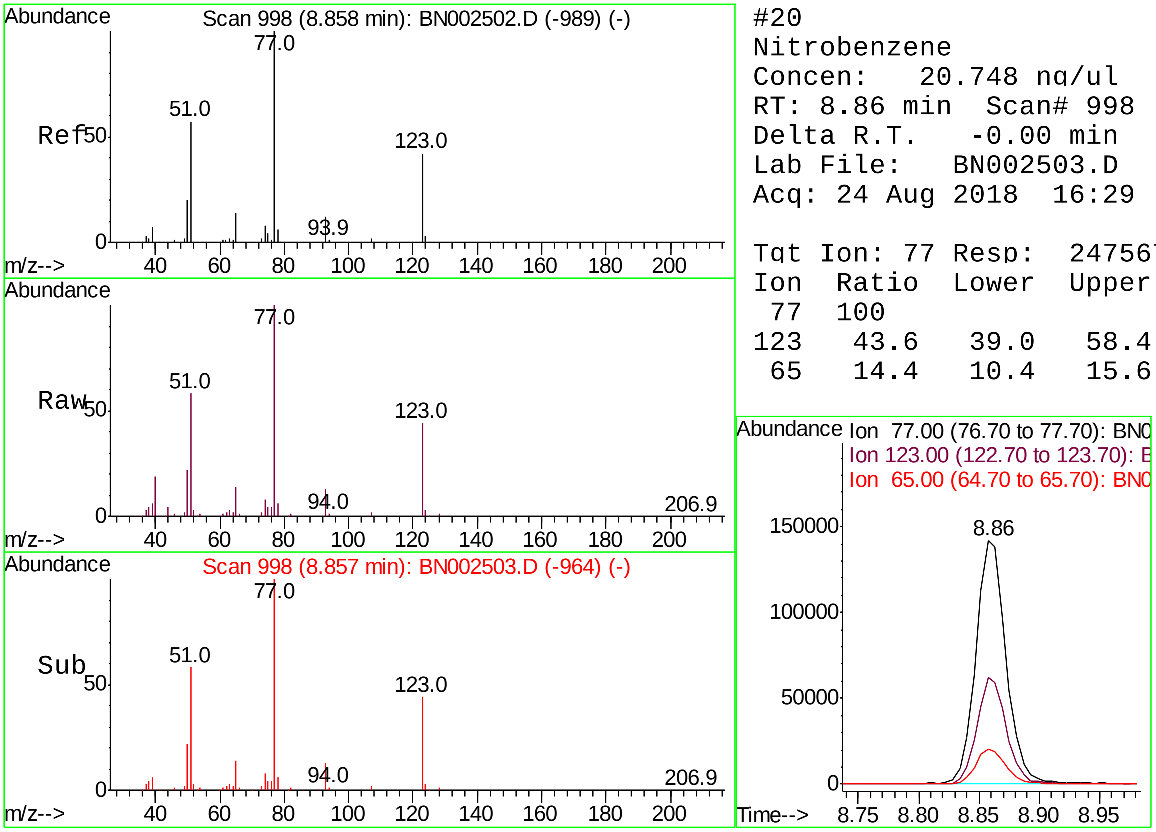



#12
2,2'-oxybis(1-Chloropropane)
Concen: 19.286 ng/ul
RT: 8.20 min Scan# 886
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion: 45 Resp: 295529

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 45 | 100 | | |
| 77 | 11.6 | 15.9 | 23.9# |
| 79 | 9.4 | 12.5 | 18.7# |

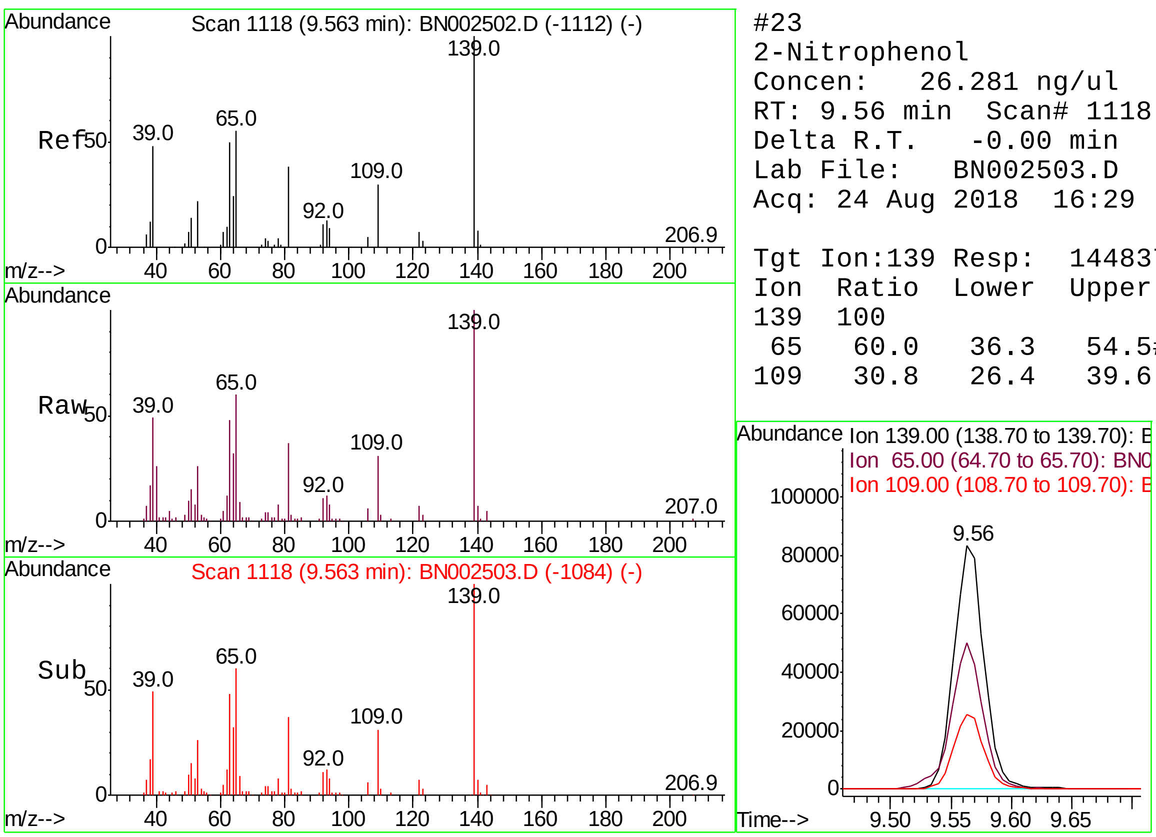



#20
Nitrobenzene
Concen: 20.748 ng/ul
RT: 8.86 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :** BNA_N
**ClientSampleId :** DB3E7

Tgt Ion: 77 Resp: 247567

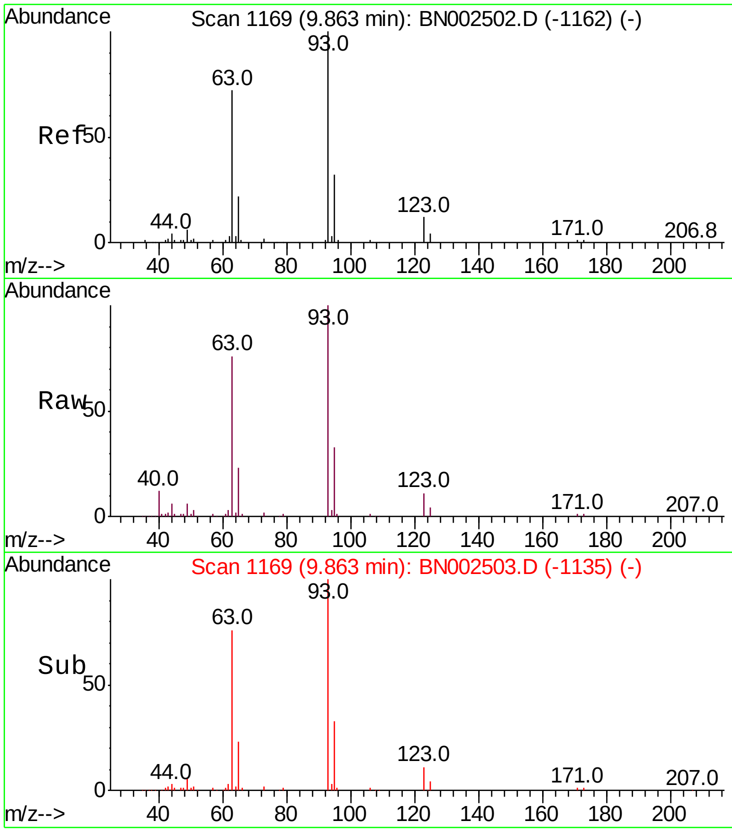
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 43.6 | 39.0 | 58.4 |
| 65 | 14.4 | 10.4 | 15.6 |




#23
2-Nitrophenol
Concen: 26.281 ng/ul
RT: 9.56 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:139 Resp: 144837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 65 | 60.0 | 36.3 | 54.5# |
| 109 | 30.8 | 26.4 | 39.6 |

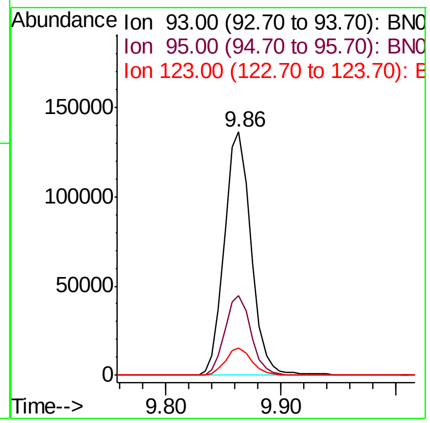


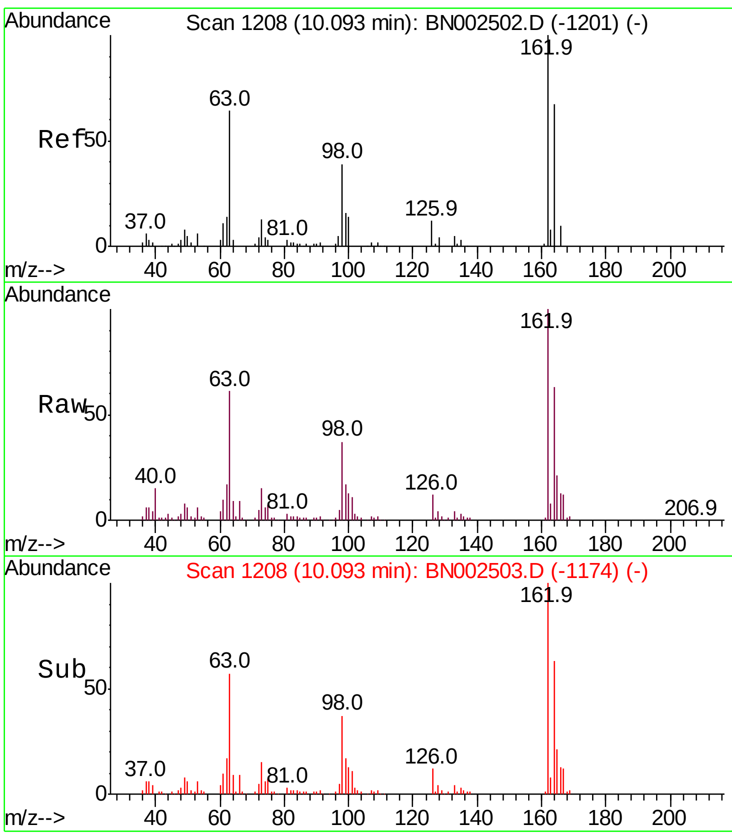

#25
Bis(2-Chloroethoxy)methane
Concen:    16.239 ng/ul
RT: 9.86 min   Scan# 1169
Delta R.T.    -0.00 min
Lab File:    BN002503.D
Acq: 24 Aug 2018   16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion: 93 Resp:   220071

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 95 | 32.8 | 25.8 | 38.8 |
| 123 | 11.2 | 9.8 | 14.8 |

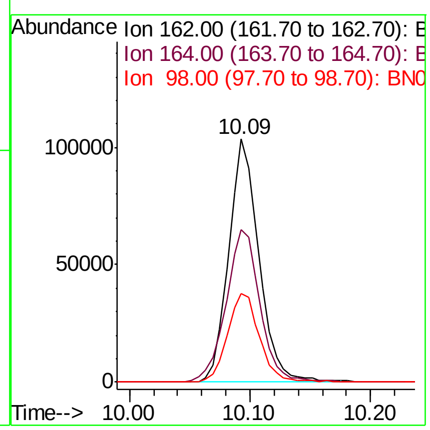


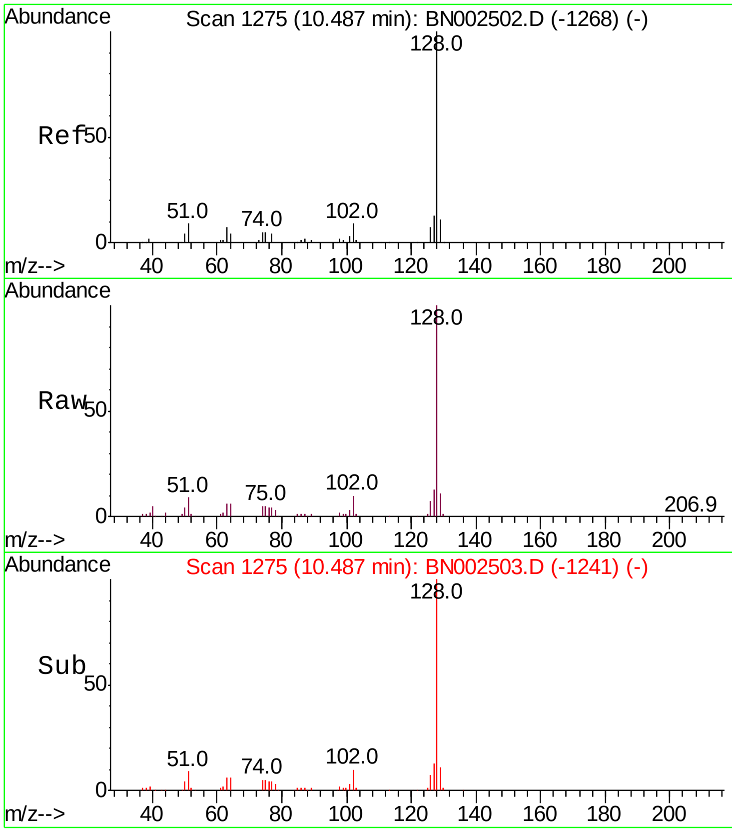




#27
2,4-Dichlorophenol
Concen:    19.401 ng/ul
RT: 10.09 min   Scan# 1208
Delta R.T.    -0.00 min
Lab File:    BN002503.D
Acq: 24 Aug 2018   16:29

Tgt Ion:162 Resp:   180999

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 62.9 | 52.1 | 78.1 |
| 98 | 36.6 | 28.4 | 42.6 |



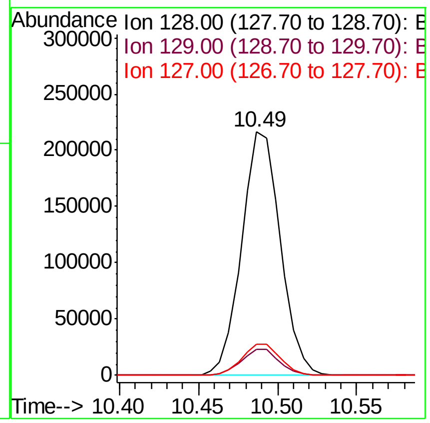


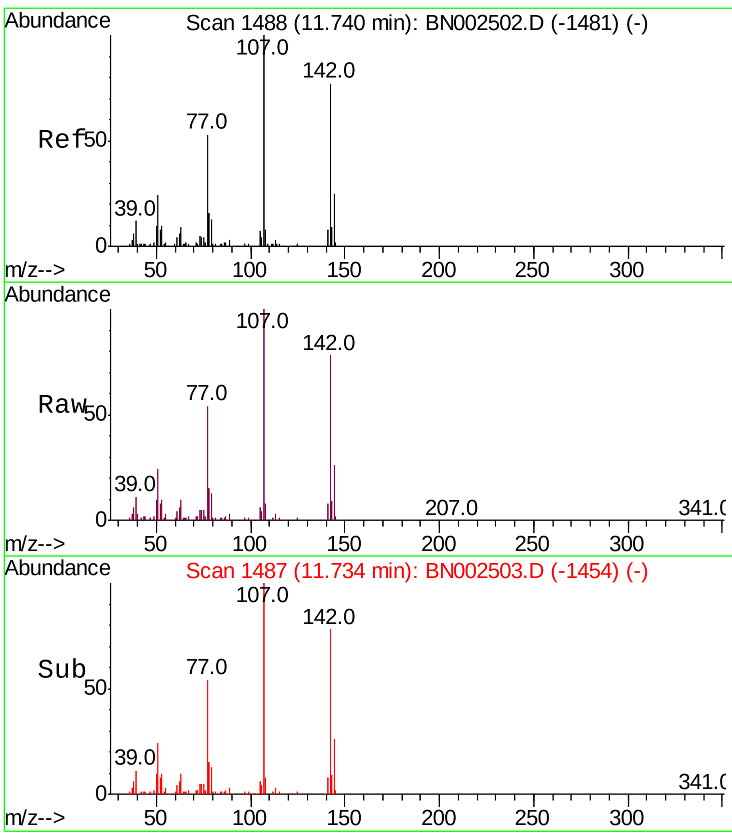

#28
Naphthalene
Concen: 11.434 ng/ul
RT: 10.49 min Scan# 1275
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :** BNA_N
**ClientSampleId :** DB3E7

Tgt Ion:128 Resp: 368476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.9 | 8.8 | 13.2 |
| 127 | 12.9 | 10.5 | 15.7 |

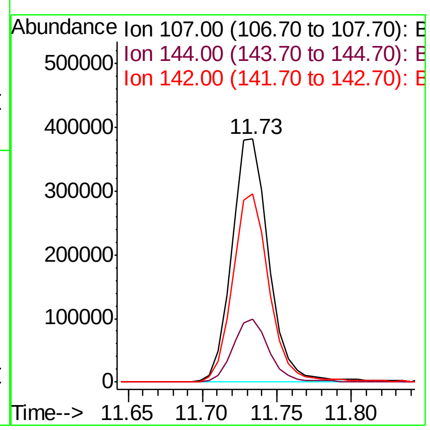


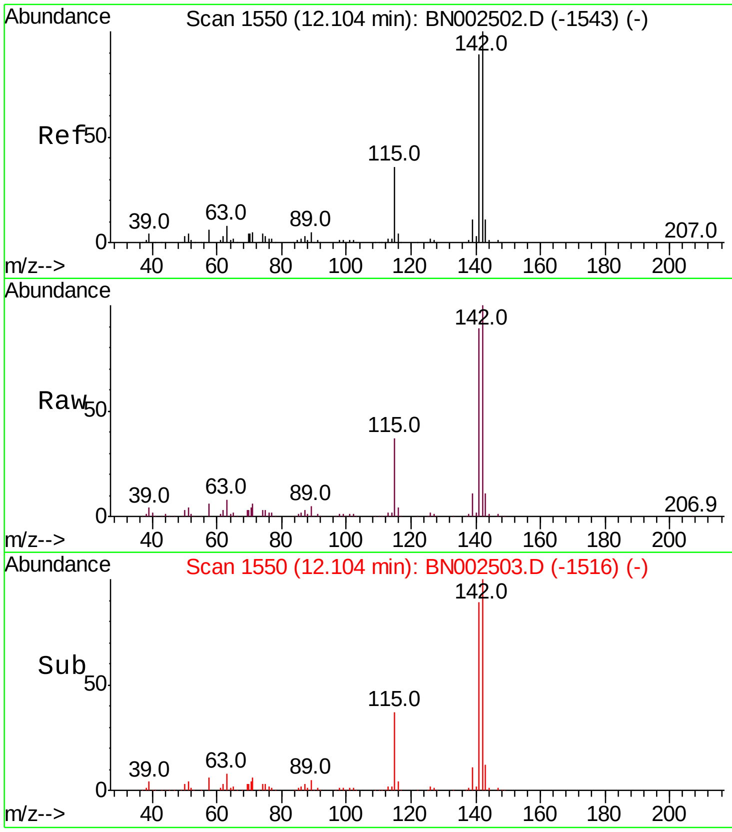




#33
4-Chloro-3-methylphenol
Concen: 61.644 ng/ul
RT: 11.73 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:107 Resp: 661765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 25.7 | 20.4 | 30.6 |
| 142 | 77.7 | 62.5 | 93.7 |

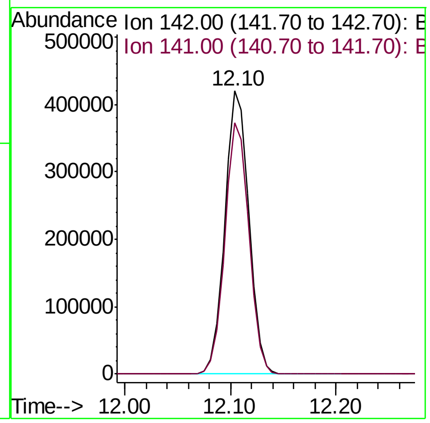


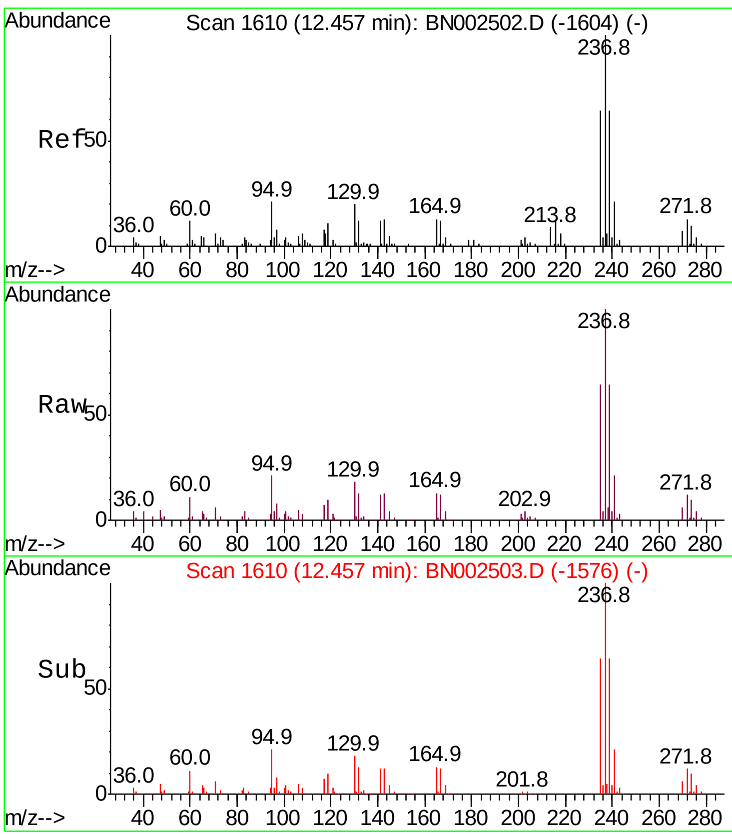



```
#34
2-Methylnaphthalene
Concen:    27.878 ng/ul
RT: 12.10 min   Scan# 1550
Delta R.T.    -0.00 min
Lab File:    BN002503.D
Acq: 24 Aug 2018   16:29

Tgt Ion:142 Resp:   663099
Ion  Ratio  Lower  Upper
142  100
141   88.7   71.6  107.4
```

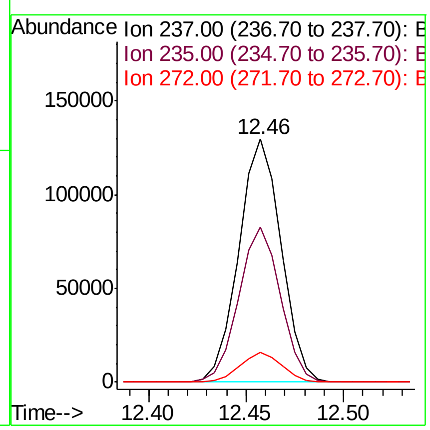
**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

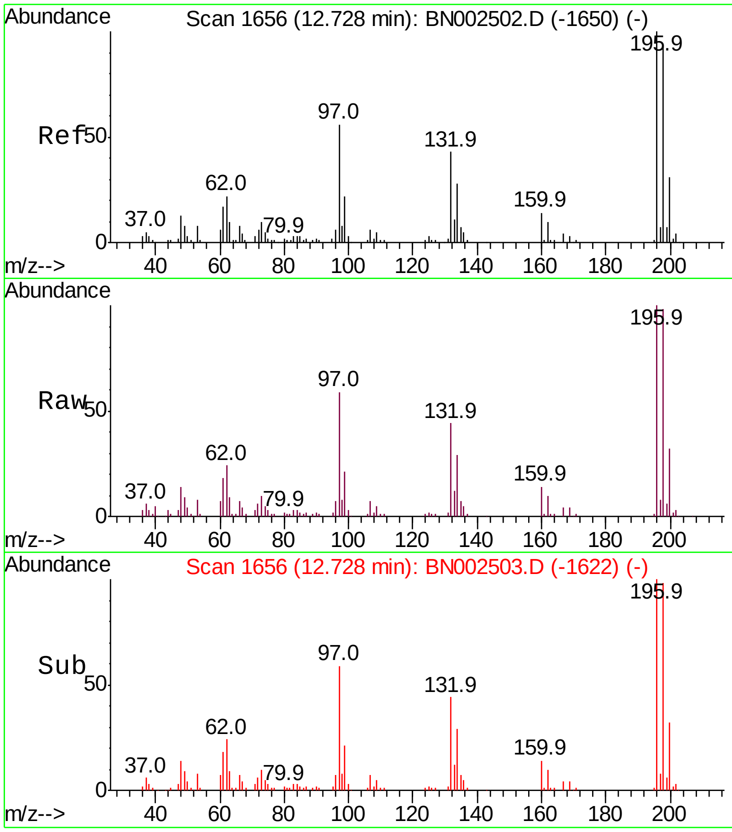



```
#37
Hexachlorocyclopentadiene
Concen:    27.339 ng/ul
RT: 12.46 min   Scan# 1610
Delta R.T.    -0.00 min
Lab File:    BN002503.D
Acq: 24 Aug 2018   16:29

Tgt Ion:237 Resp:   195133
Ion  Ratio  Lower  Upper
237  100
235   64.0   50.4   75.6
272   12.4    9.6   14.4
```



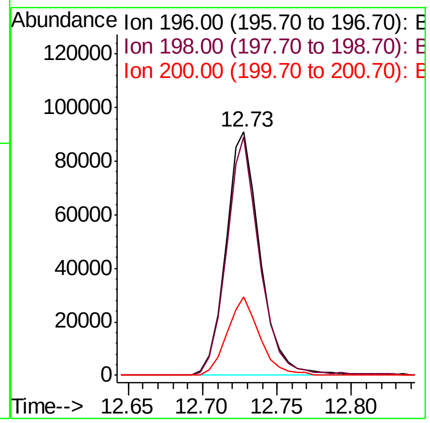


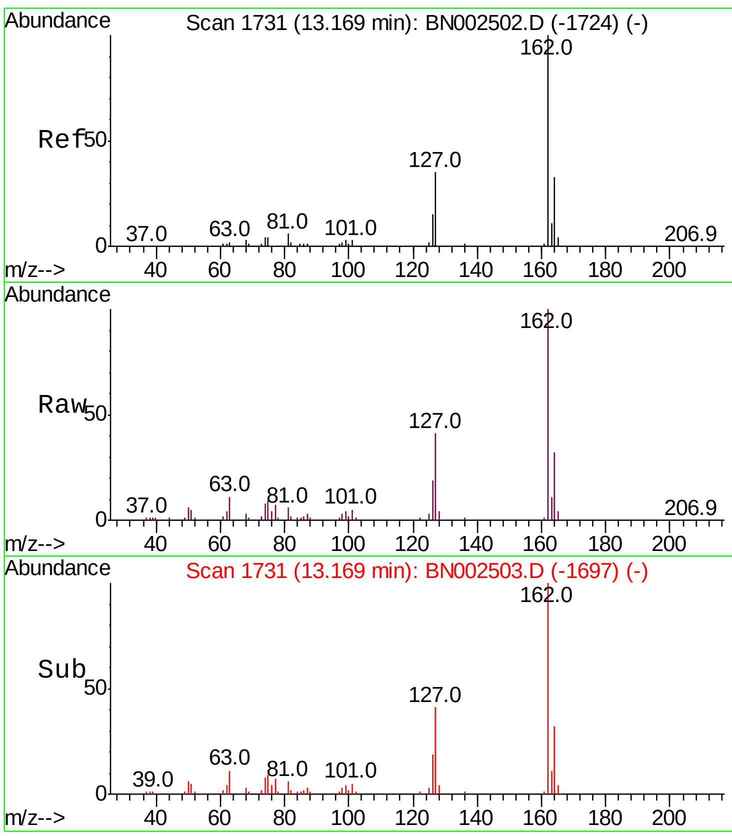

#38
2,4,6-Trichlorophenol
Concen: 19.231 ng/ul
RT: 12.73 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:196 Resp: 145504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 196 | 100 | | |
| 198 | 97.8 | 76.6 | 114.8 |
| 200 | 32.2 | 24.7 | 37.1 |

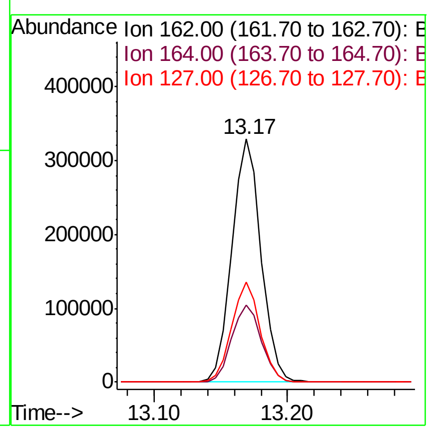


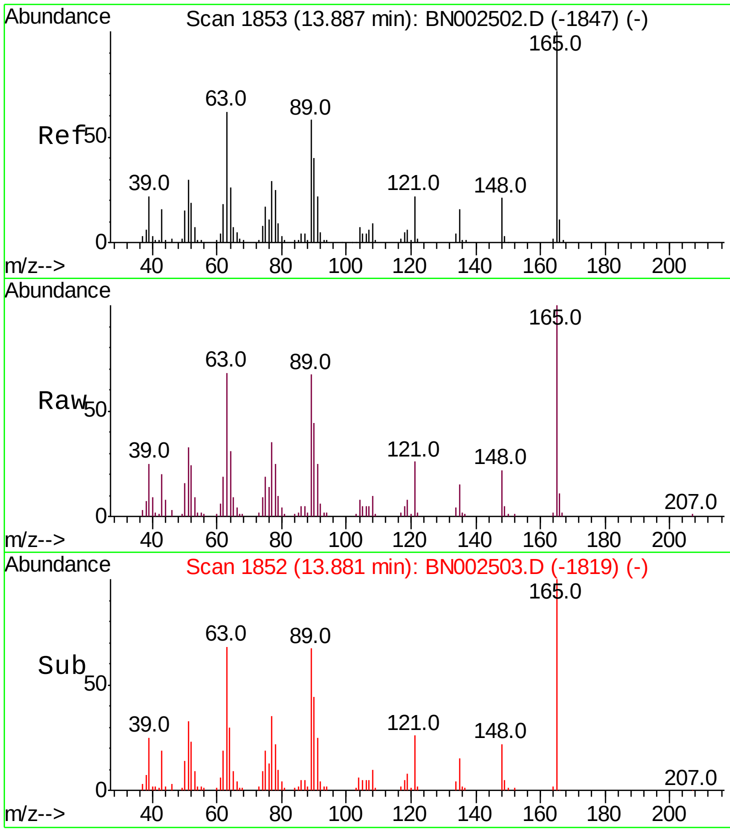




#41
2-Chloronaphthalene
Concen: 20.770 ng/ul
RT: 13.17 min Scan# 1731
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:162 Resp: 502789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 162 | 100 | | |
| 164 | 31.7 | 25.9 | 38.9 |
| 127 | 41.2 | 34.1 | 51.1 |



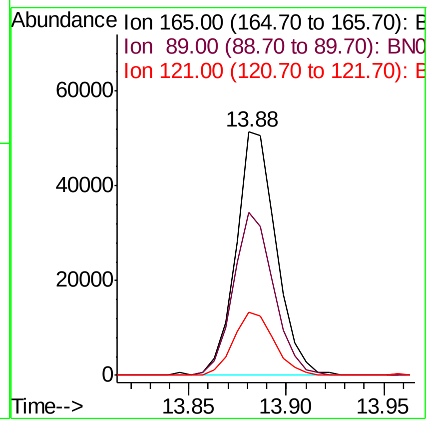


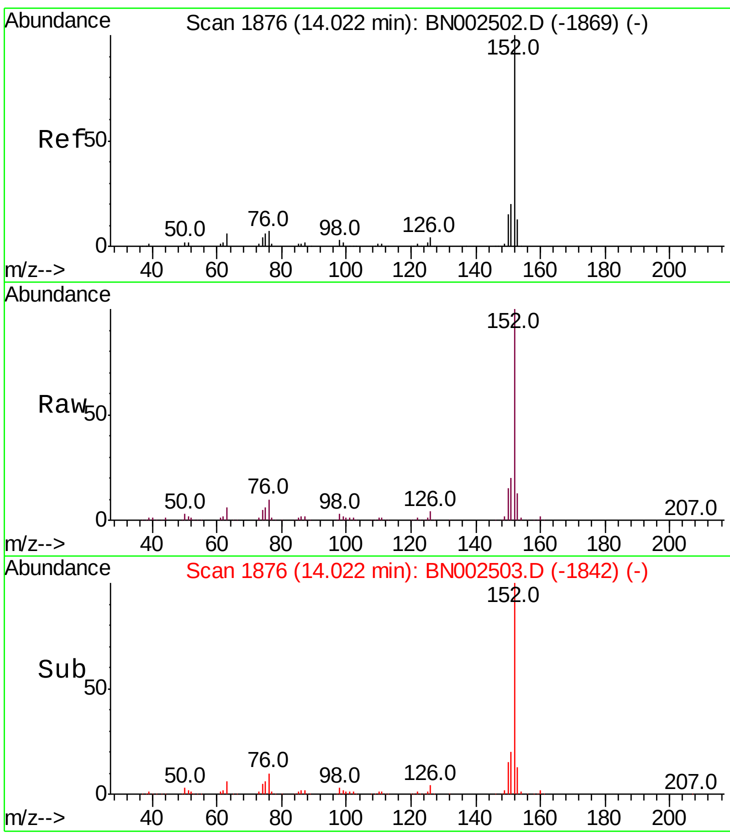

#45
2,6-Dinitrotoluene
Concen: 11.519 ng/ul
RT: 13.88 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:165 Resp: 73398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 89 | 66.8 | 42.4 | 63.6# |
| 121 | 26.1 | 16.6 | 24.8# |

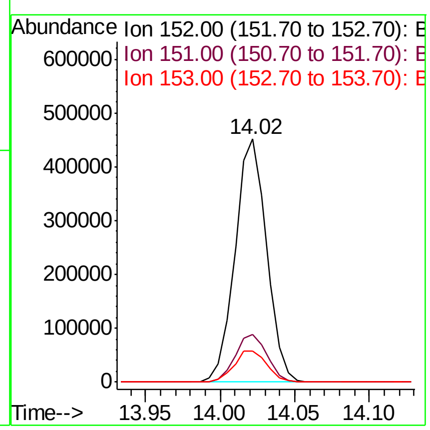


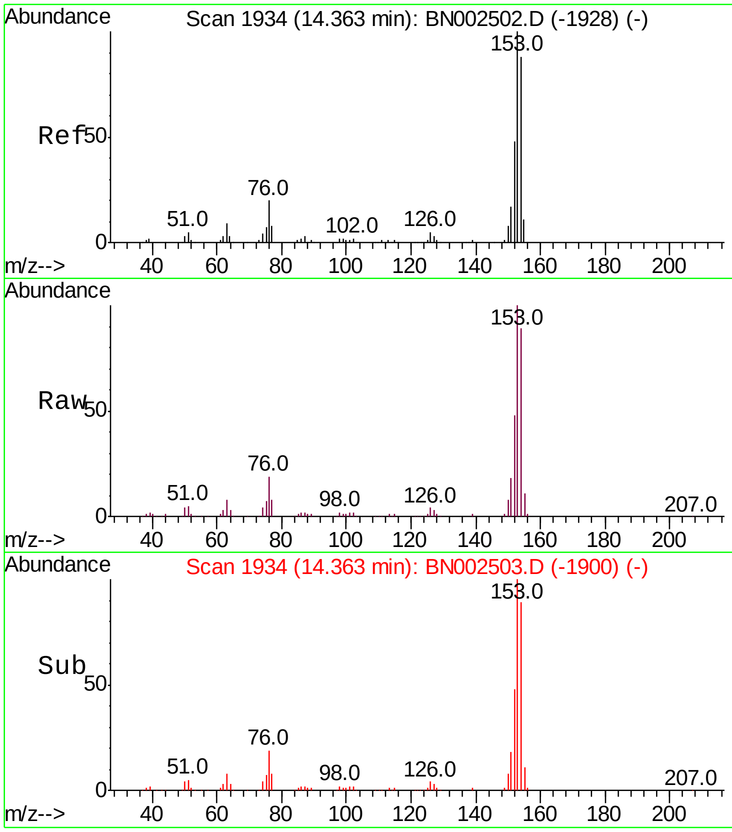




#47
Acenaphthylene
Concen: 17.759 ng/ul
RT: 14.02 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:152 Resp: 667017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 15.7 | 23.5 |
| 153 | 13.0 | 10.5 | 15.7 |



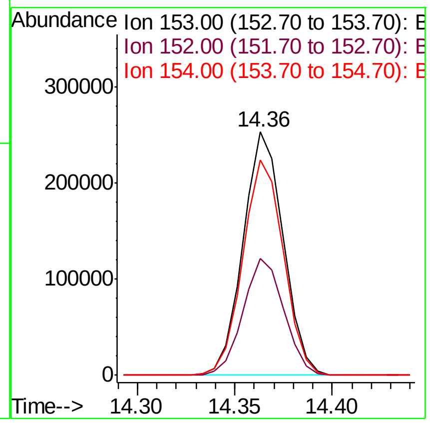


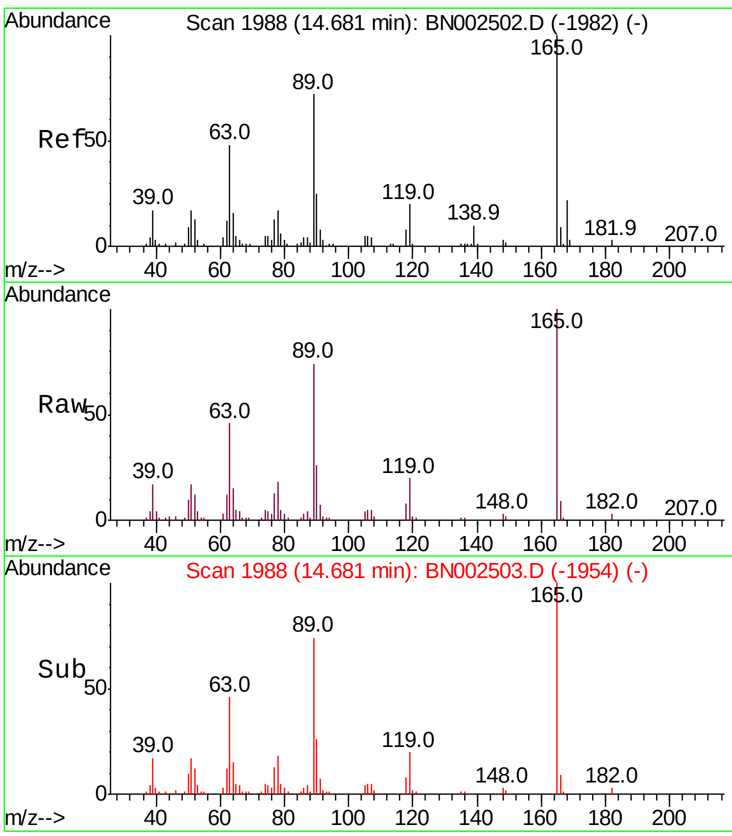

#49
Acenaphthene
Concen: 13.707 ng/ul
RT: 14.36 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:153 Resp: 363143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 153 | 100 | | |
| 152 | 48.2 | 38.3 | 57.5 |
| 154 | 88.5 | 71.8 | 107.8 |

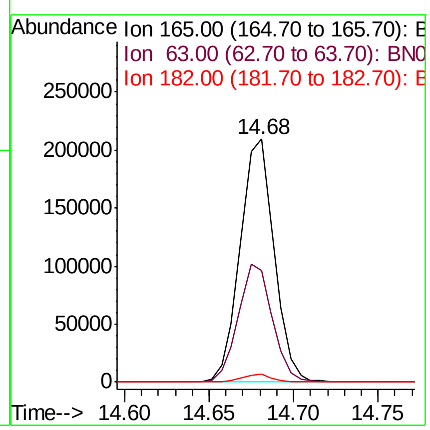


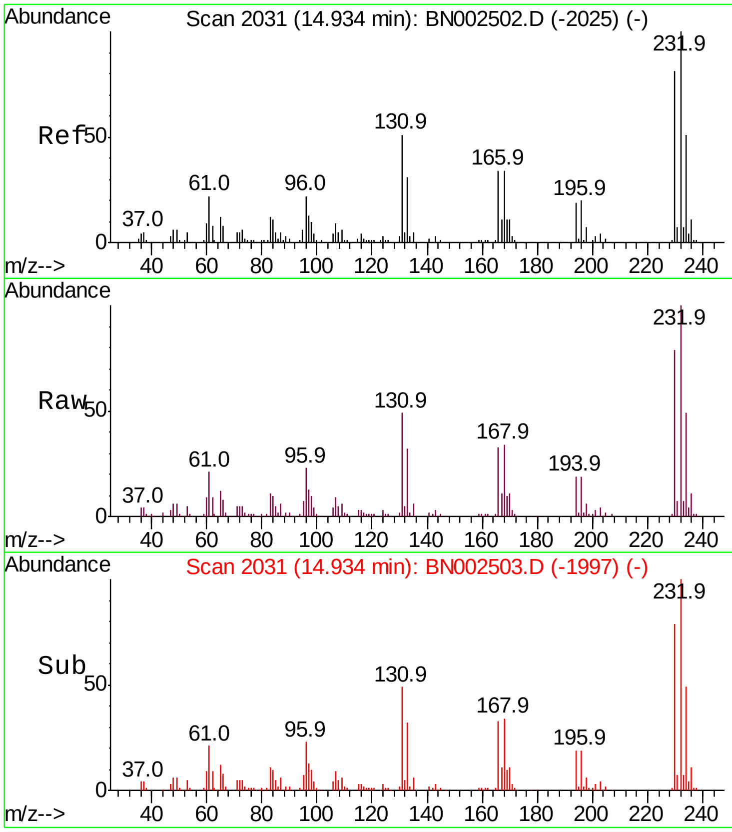




#54
2,4-Dinitrotoluene
Concen: 30.711 ng/ul
RT: 14.68 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:165 Resp: 295048

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 45.9 | 29.8 | 44.6# |
| 182 | 3.1 | 2.2 | 3.4 |



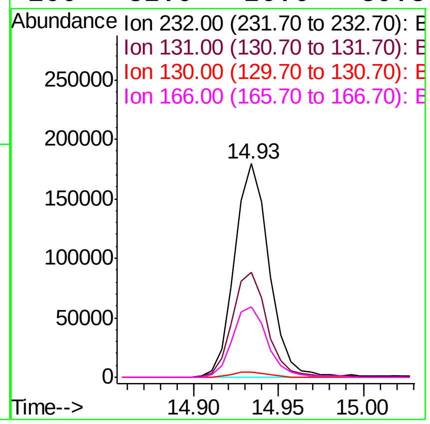


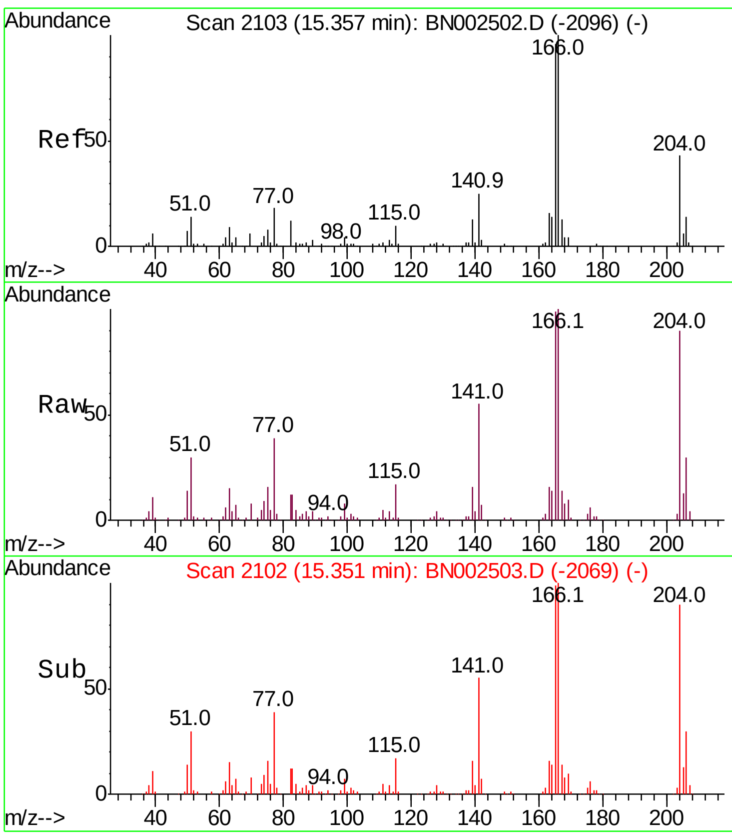
#55
2,3,4,6-Tetrachlorophenol
Concen: 36.371 ng/ul
RT: 14.93 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:232 Resp: 257111

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 232 | 100 | | |
| 131 | 49.3 | 39.4 | 59.2 |
| 130 | 2.4 | 2.2 | 3.2 |
| 166 | 32.9 | 26.6 | 39.8 |

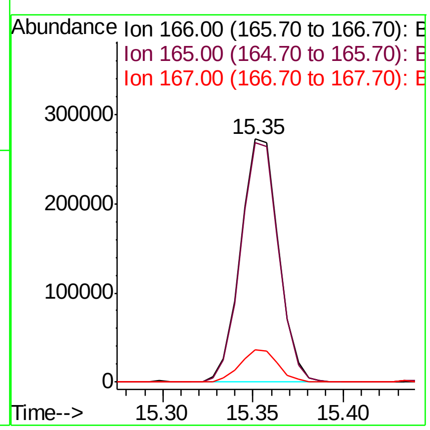


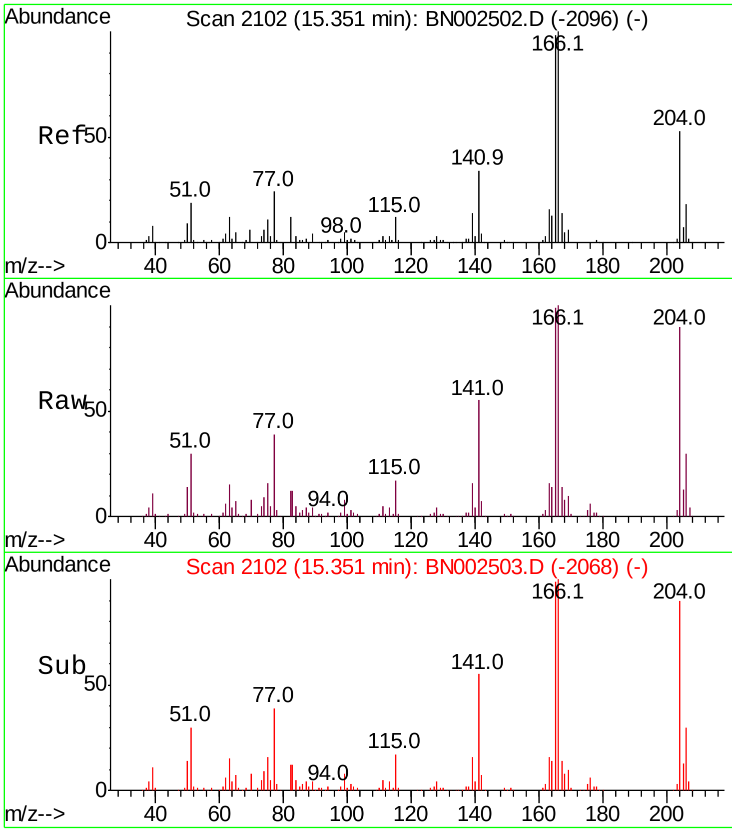


#58
Fluorene
Concen: 13.023 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:166 Resp: 398255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.7 | 78.5 | 117.7 |
| 167 | 13.5 | 10.7 | 16.1 |



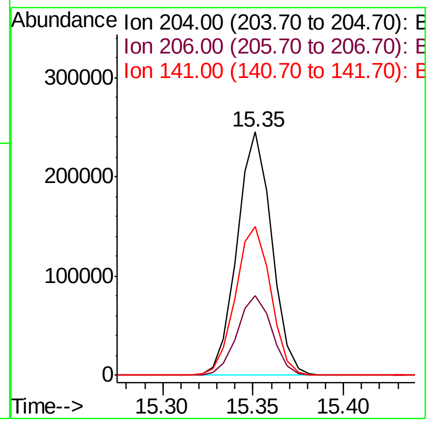


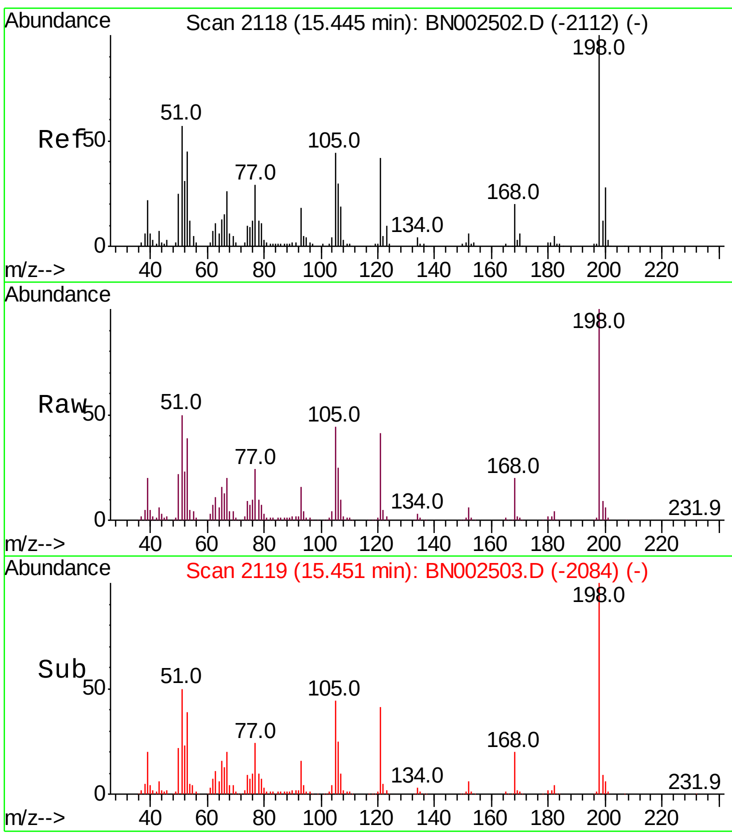

#59
4-Chlorophenyl-phenylether
Concen: 21.603 ng/ul
RT: 15.35 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :** BNA_N
**ClientSampleId :** DB3E7

Tgt Ion:204 Resp: 326063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 204 | 100 | | |
| 206 | 32.8 | 26.2 | 39.4 |
| 141 | 61.2 | 54.6 | 81.8 |

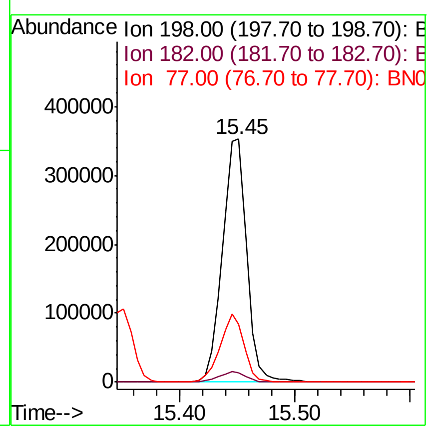


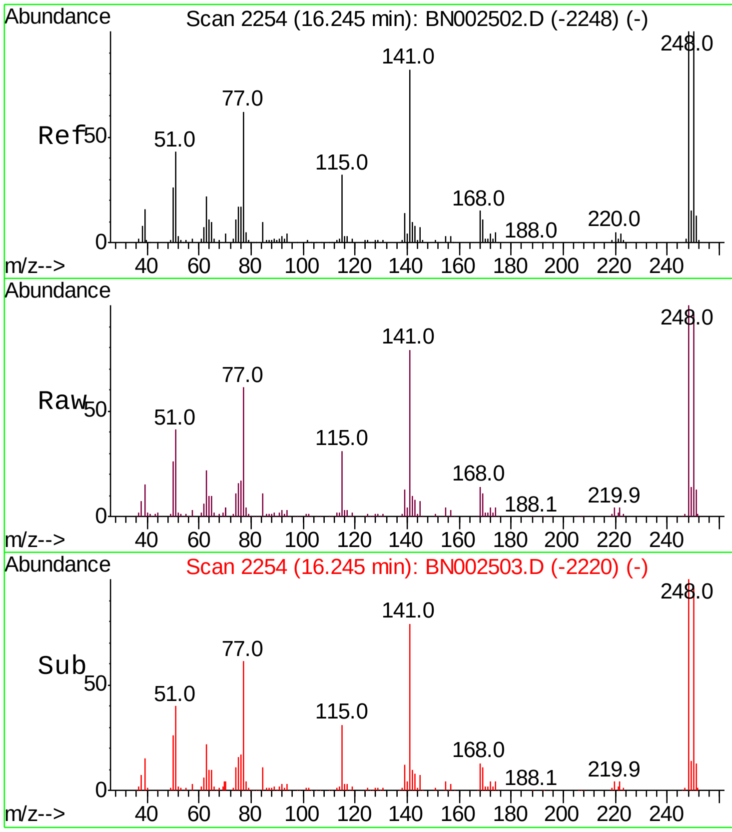




#63
4,6-Dinitro-2-methylphenol
Concen: 83.387 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. 0.01 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:198 Resp: 515075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 182 | 3.7 | 3.1 | 4.7 |
| 77 | 23.9 | 20.1 | 30.1 |



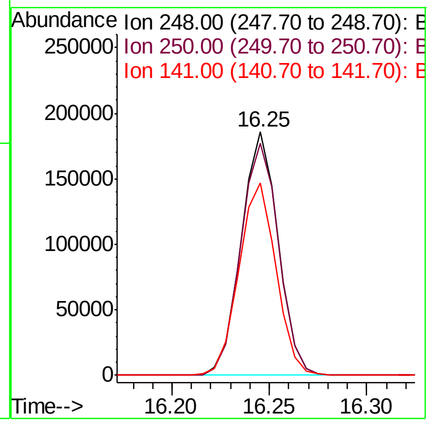


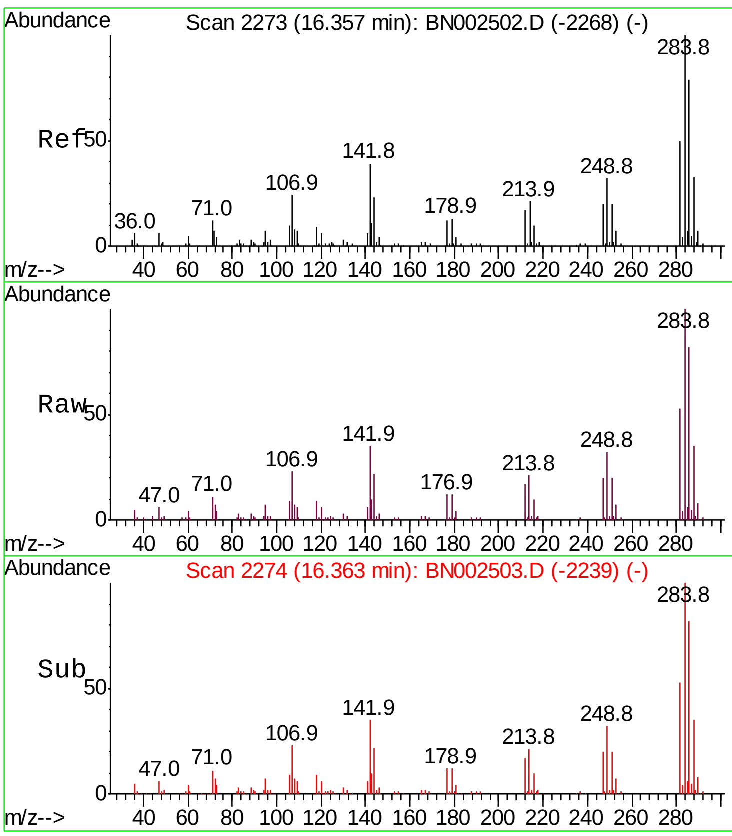

#65
4-Bromophenyl-phenylether
Concen: 25.426 ng/ul
RT: 16.25 min Scan# 2254
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:248 Resp: 243949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.5 | 78.7 | 118.1 |
| 141 | 79.2 | 72.2 | 108.2 |

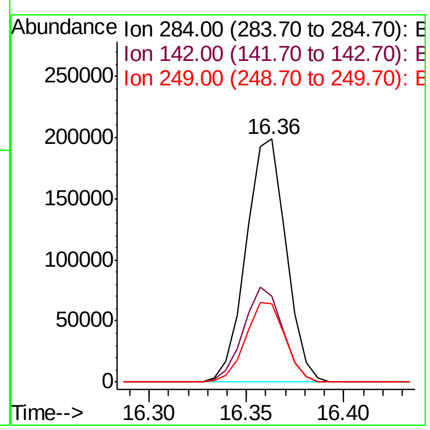


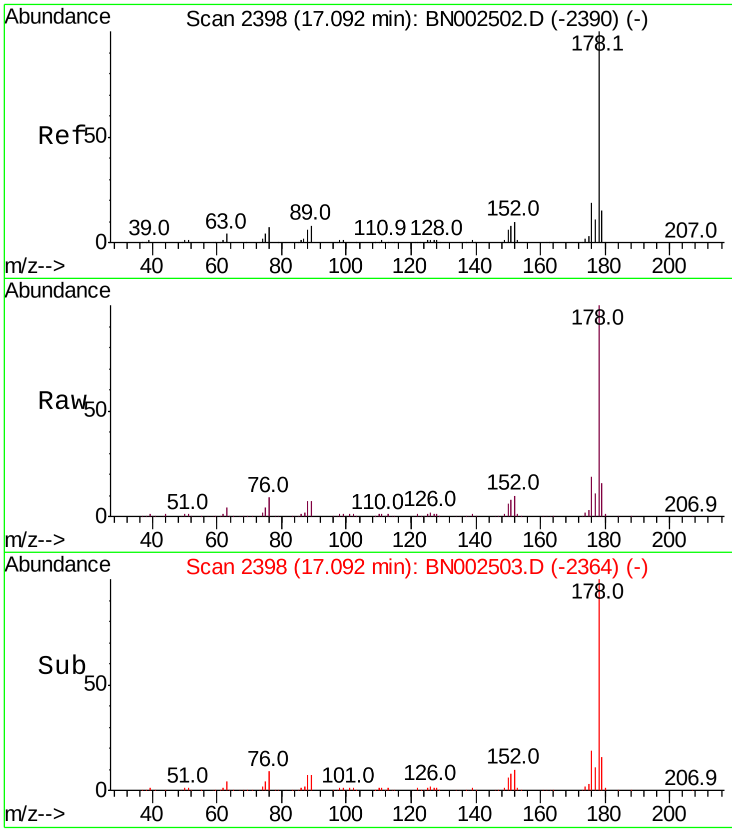




#66
Hexachlorobenzene
Concen: 26.424 ng/ul
RT: 16.36 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:284 Resp: 282932

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.2 | 33.1 | 49.7 |
| 249 | 32.3 | 27.1 | 40.7 |



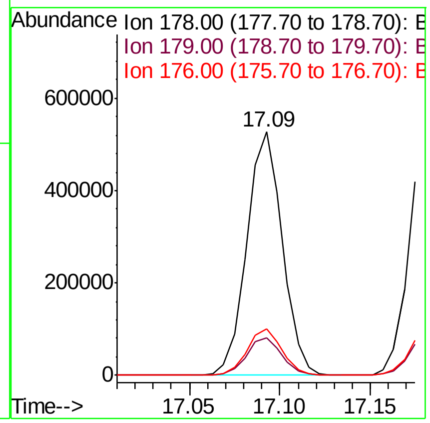


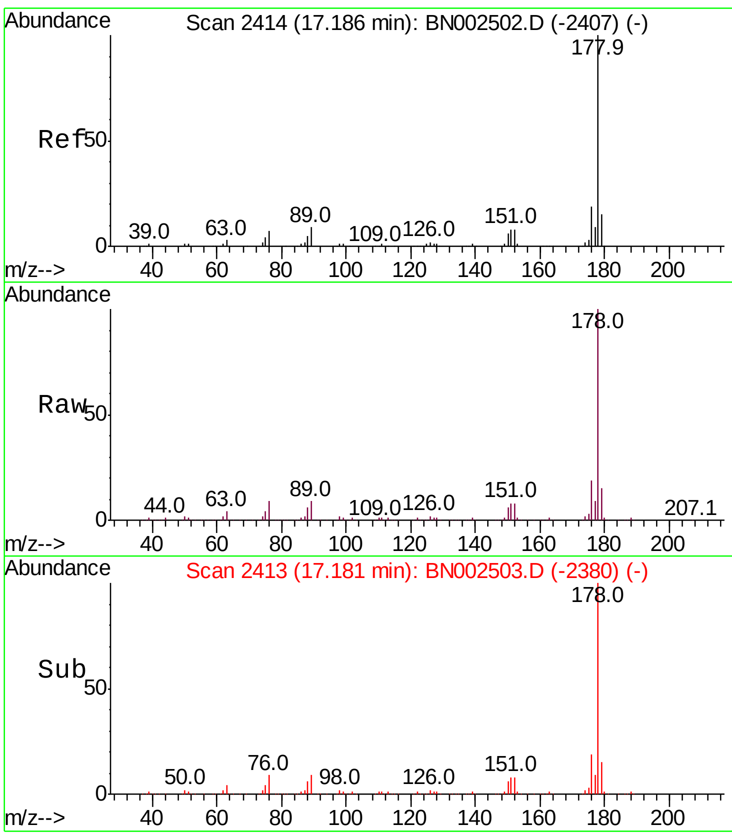

#69
Phenanthrene
Concen: 13.844 ng/ul
RT: 17.09 min Scan# 2398
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:178 Resp: 717736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.5 | 12.2 | 18.4 |
| 176 | 18.9 | 15.6 | 23.4 |

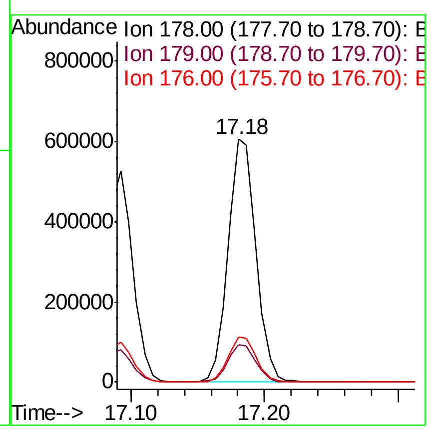


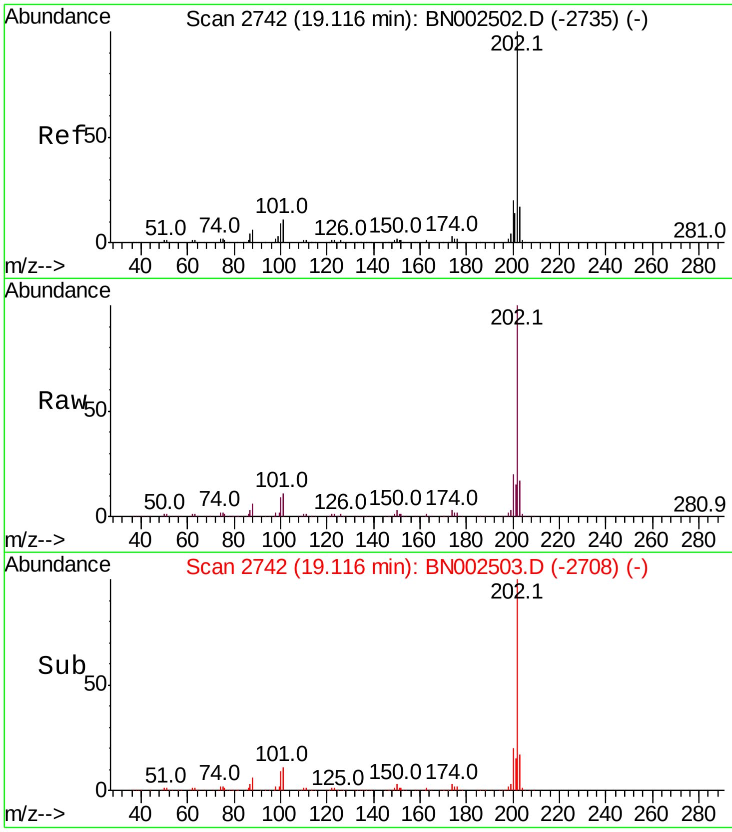




#71
Anthracene
Concen: 16.876 ng/ul
RT: 17.18 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:178 Resp: 887381

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 179 | 15.3 | 12.1 | 18.1 |
| 176 | 18.6 | 14.8 | 22.2 |



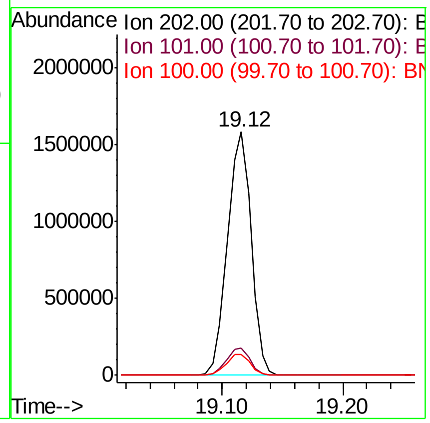


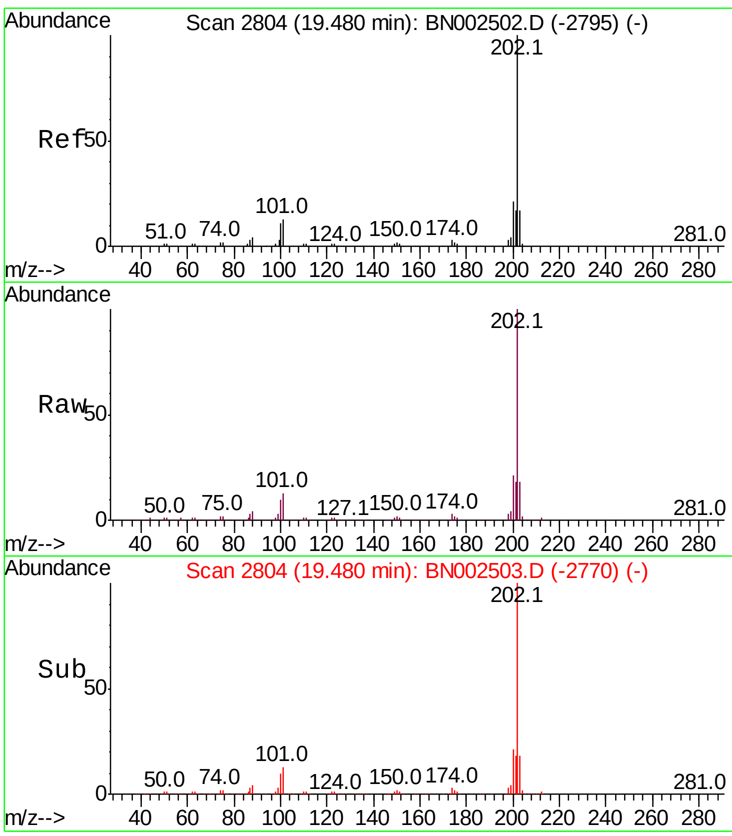

#76
Fluoranthene
Concen: 36.654 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :** BNA_N
**ClientSampleId :** DB3E7

Tgt Ion:202 Resp: 2162905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.3 | 8.8 | 13.2 |
| 100 | 8.6 | 6.6 | 9.8 |

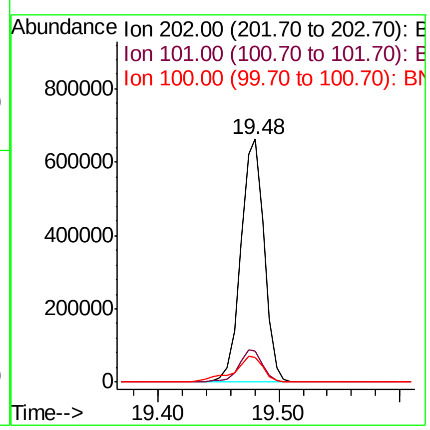


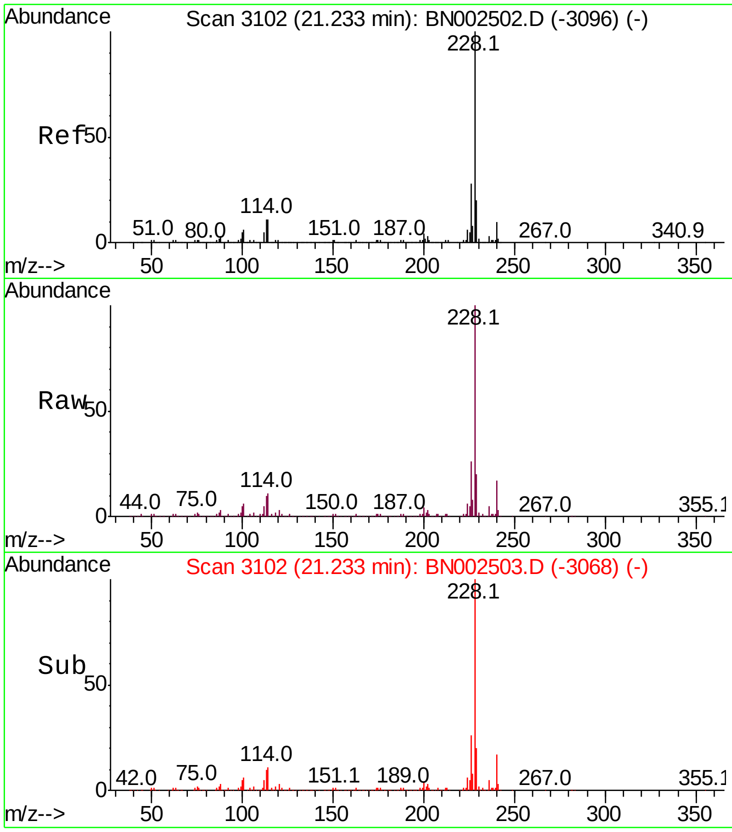




#79
Pyrene
Concen: 12.763 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:202 Resp: 895296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.5 | 10.2 | 15.2 |
| 100 | 10.1 | 8.5 | 12.7 |



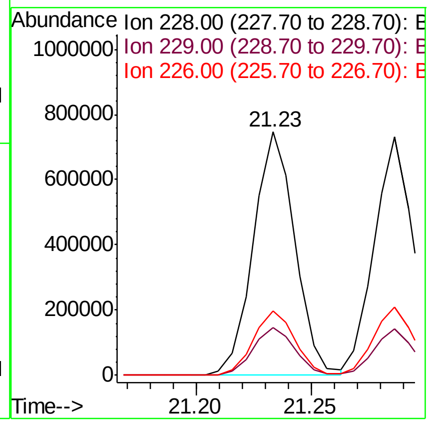


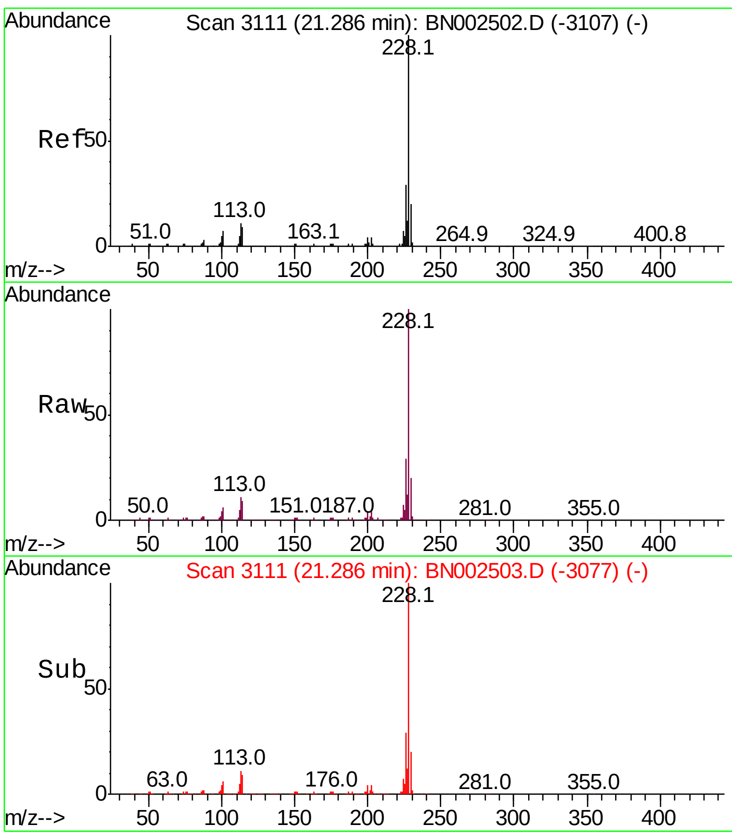

#82
Benzo(a)anthracene
Concen:   13.221 ng/ul
RT: 21.23 min   Scan# 3102
Delta R.T.   -0.00 min
Lab File:   BN002503.D
Acq: 24 Aug 2018   16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:228 Resp:   942341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 229 | 19.6 | 15.7 | 23.5 |
| 226 | 26.4 | 21.8 | 32.6 |

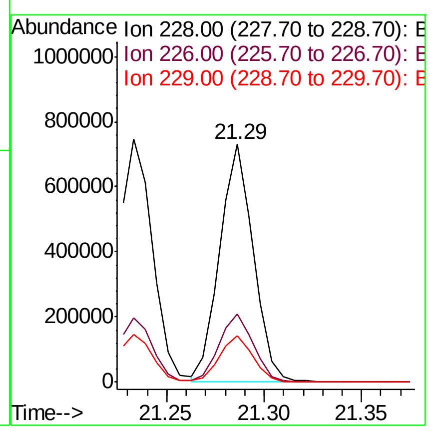


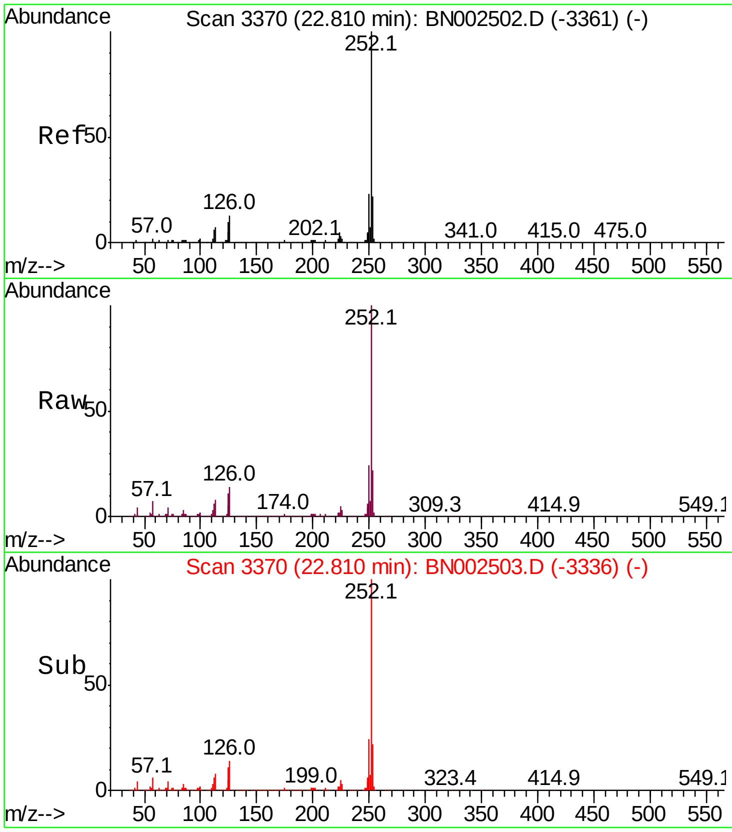




#84
Chrysene
Concen:   12.903 ng/ul
RT: 21.29 min   Scan# 3111
Delta R.T.   -0.00 min
Lab File:   BN002503.D
Acq: 24 Aug 2018   16:29

Tgt Ion:228 Resp:   870402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.8 | 24.0 | 36.0 |
| 229 | 19.8 | 15.6 | 23.4 |



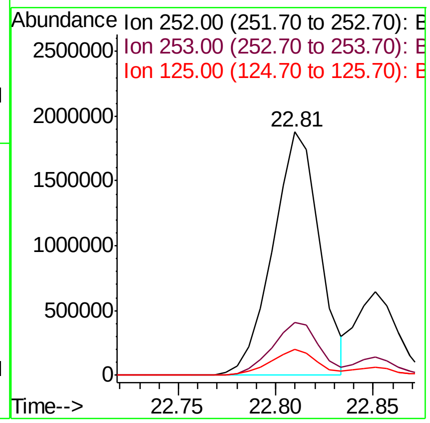


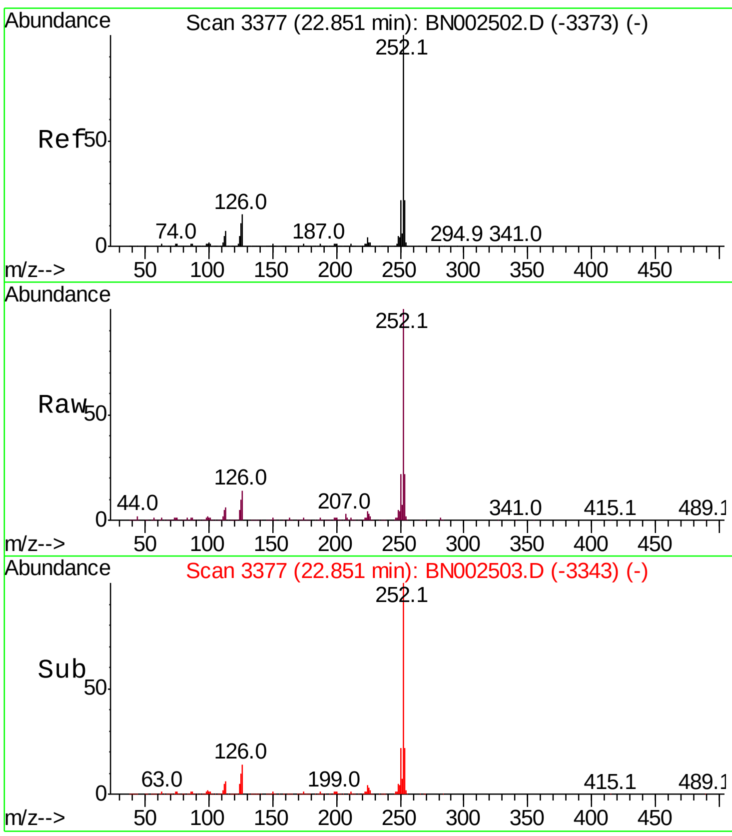

#87
Benzo(b)fluoranthene
Concen: 40.665 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:252 Resp: 3112064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.0 | 17.5 | 26.3 |
| 125 | 10.8 | 8.5 | 12.7 |

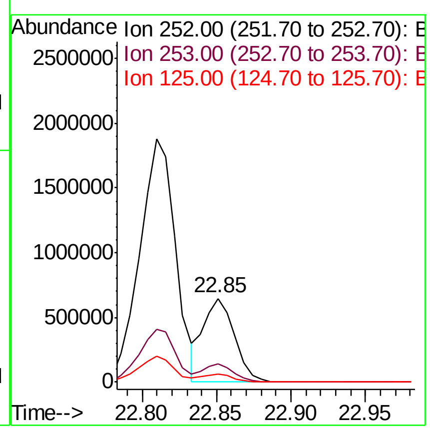


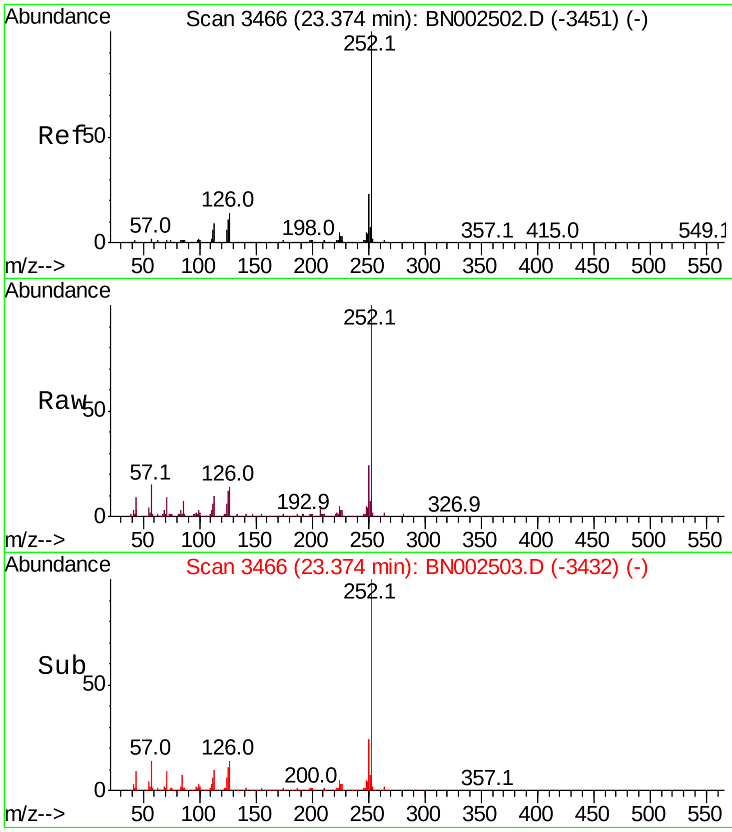




#88
Benzo(k)fluoranthene
Concen: 12.963 ng/ul
RT: 22.85 min Scan# 3377
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:252 Resp: 934635

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 21.7 | 17.3 | 25.9 |
| 125 | 9.7 | 8.2 | 12.2 |



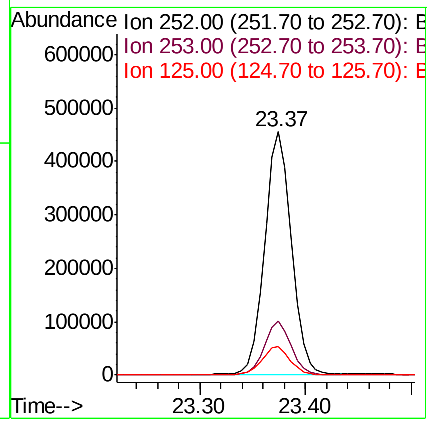


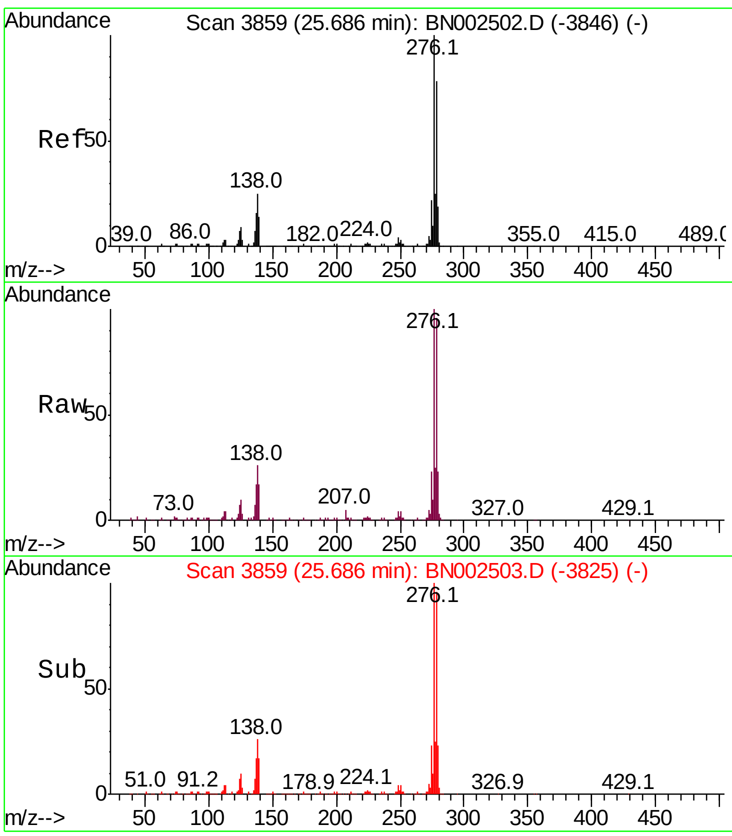

#90
Benzo(a)pyrene
Concen: 11.030 ng/ul
RT: 23.37 min Scan# 3466
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:252 Resp: 804123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.1 | 17.2 | 25.8 |
| 125 | 11.6 | 9.0 | 13.6 |

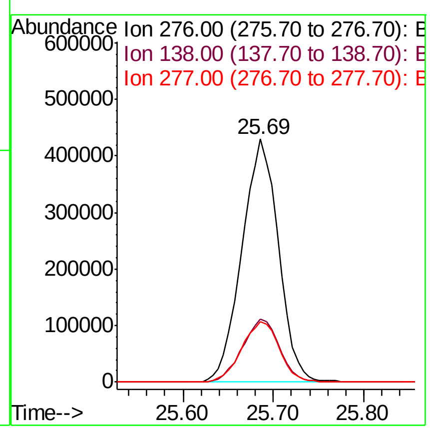


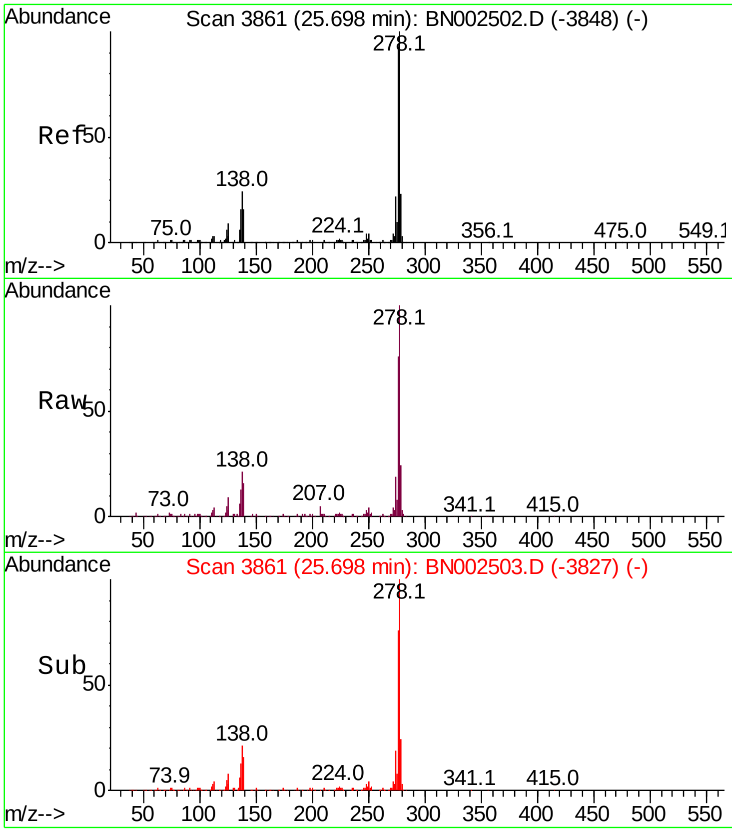




#91
Indeno(1,2,3-cd)pyrene
Concen: 13.911 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. -0.00 min
Lab File: BN002503.D
Acq: 24 Aug 2018 16:29

Tgt Ion:276 Resp: 1206491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.0 | 22.3 | 33.5 |
| 277 | 25.1 | 20.2 | 30.2 |



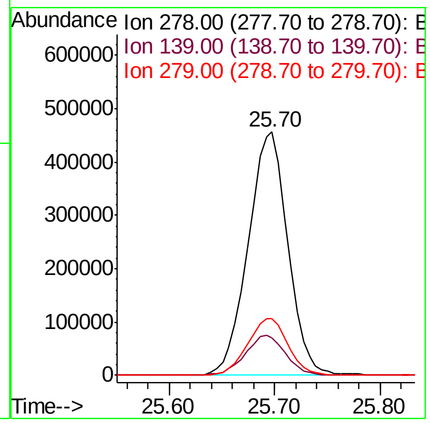


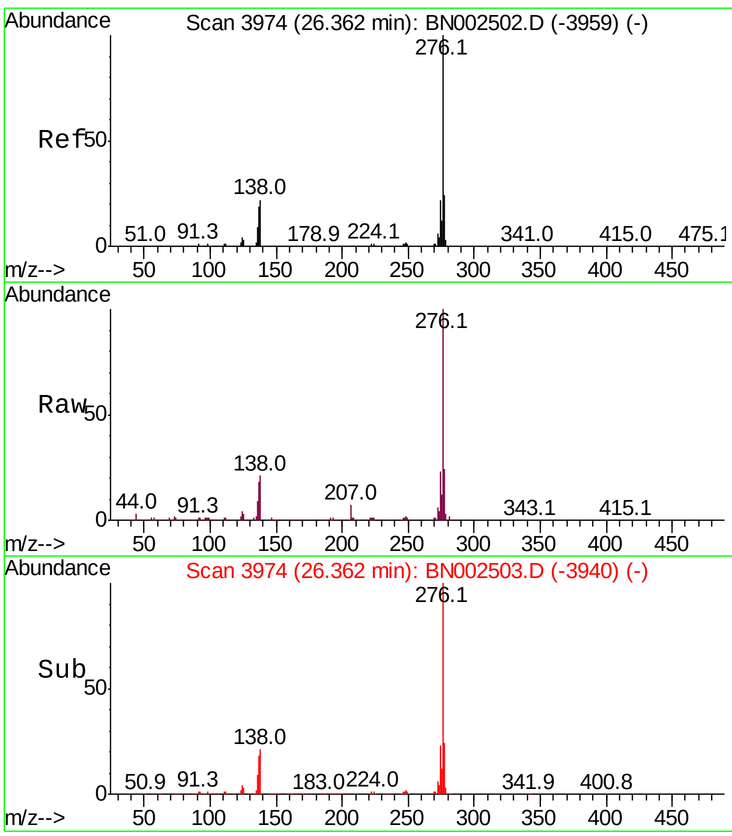

#92
Dibenzo(a,h)anthracene
Concen:   16.441 ng/ul
RT: 25.70 min   Scan# 3861
Delta R.T.   -0.00 min
Lab File:   BN002503.D
Acq: 24 Aug 2018   16:29

**Instrument :**
BNA_N
**ClientSampleId :**
DB3E7

Tgt Ion:278 Resp: 1192056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.6 | 13.9 | 20.9 |
| 279 | 23.5 | 19.0 | 28.4 |




#93
Benzo(g,h,i)perylene
Concen:   14.604 ng/ul
RT: 26.36 min   Scan# 3974
Delta R.T.   -0.00 min
Lab File:   BN002503.D
Acq: 24 Aug 2018   16:29

Tgt Ion:276 Resp: 1056799

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.0 | 18.9 | 28.3 |
| 277 | 23.8 | 19.2 | 28.8 |