Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
Data File : BN010726.D
Acq On : 15 May 2020 11:50
Operator : CG/JU
Sample : L2182-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** MDL-SOIL-03-QT2-2020

Quant Time: May 15 12:37:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 10:34:23 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 4981 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.33 | 136 | 18885 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.20 | 164 | 11682 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.95 | 188 | 22951 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.15 | 240 | 18585 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.32 | 264 | 17135 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 2624 | 0.27 | ng | | 0.00 |
| 5) Phenol-d6 | 6.78 | 99 | 3081 | 0.26 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.72 | 82 | 3497 | 0.27 | ng | | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.93 | 152 | 7638 | 0.25 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.71 | 330 | 921 | 0.22 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.83 | 172 | 10865 | 0.25 | ng | | 0.02 |
| 25) Fluoranthene-d10 | 18.99 | 212 | 15148 | 0.24 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.60 | 244 | 12138 | 0.28 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 314 | 0.07 | ng | # | 89 |
| 3) n-Nitrosodimethylamine | 3.60 | 42 | 186 | 0.08 | ng | # | 71 |
| 6) bis(2-Chloroethyl)ether | 7.03 | 93 | 887 | 0.07 | ng | | 97 |
| 9) Naphthalene | 10.38 | 128 | 3664 | 0.08 | ng | | 96 |
| 10) Hexachlorobutadiene | 10.67 | 225 | 778 | 0.07 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 12.01 | 142 | 2446 | 0.07 | ng | | 99 |
| 16) Acenaphthylene | 13.92 | 152 | 3097 | 0.06 | ng | | 99 |
| 17) Acenaphthene | 14.27 | 154 | 2228 | 0.07 | ng | | 99 |
| 18) Fluorene | 15.26 | 166 | 2795 | 0.07 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.16 | 248 | 810 | 0.06 | ng | | 94 |
| 21) Hexachlorobenzene | 16.27 | 284 | 1095 | 0.07 | ng | | 99 |
| 22) Pentachlorophenol | 16.62 | 266 | 577 | 0.12 | ng | # | 89 |
| 23) Phenanthrene | 17.00 | 178 | 4402 | 0.07 | ng | | 99 |
| 24) Anthracene | 17.09 | 178 | 3509 | 0.07 | ng | | 99 |
| 26) Fluoranthene | 19.02 | 202 | 5014 | 0.07 | ng | | 98 |
| 28) Pyrene | 19.38 | 202 | 4883 | 0.07 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.14 | 228 | 4104 | 0.08 | ng | | 97 |
| 31) Chrysene | 21.20 | 228 | 4492 | 0.07 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.09 | 149 | 2393 | 0.10 | ng | | 99 |
| 33) Indeno(1,2,3-cd)pyrene | 25.48 | 276 | 3702 | 0.07 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.68 | 252 | 4020 | 0.07 | ng | # | 73 |
| 36) Benzo(k)fluoranthene | 22.73 | 252 | 4621 | 0.08 | ng | # | 72 |
| 37) Benzo(a)pyrene | 23.23 | 252 | 3322 | 0.07 | ng | # | 51 |
| 38) Dibenzo(a,h)anthracene | 25.49 | 278 | 2796 | 0.07 | ng | # | 69 |
| 39) Benzo(g,h,i)perylene | 26.11 | 276 | 3454 | 0.07 | ng | # | 86 |

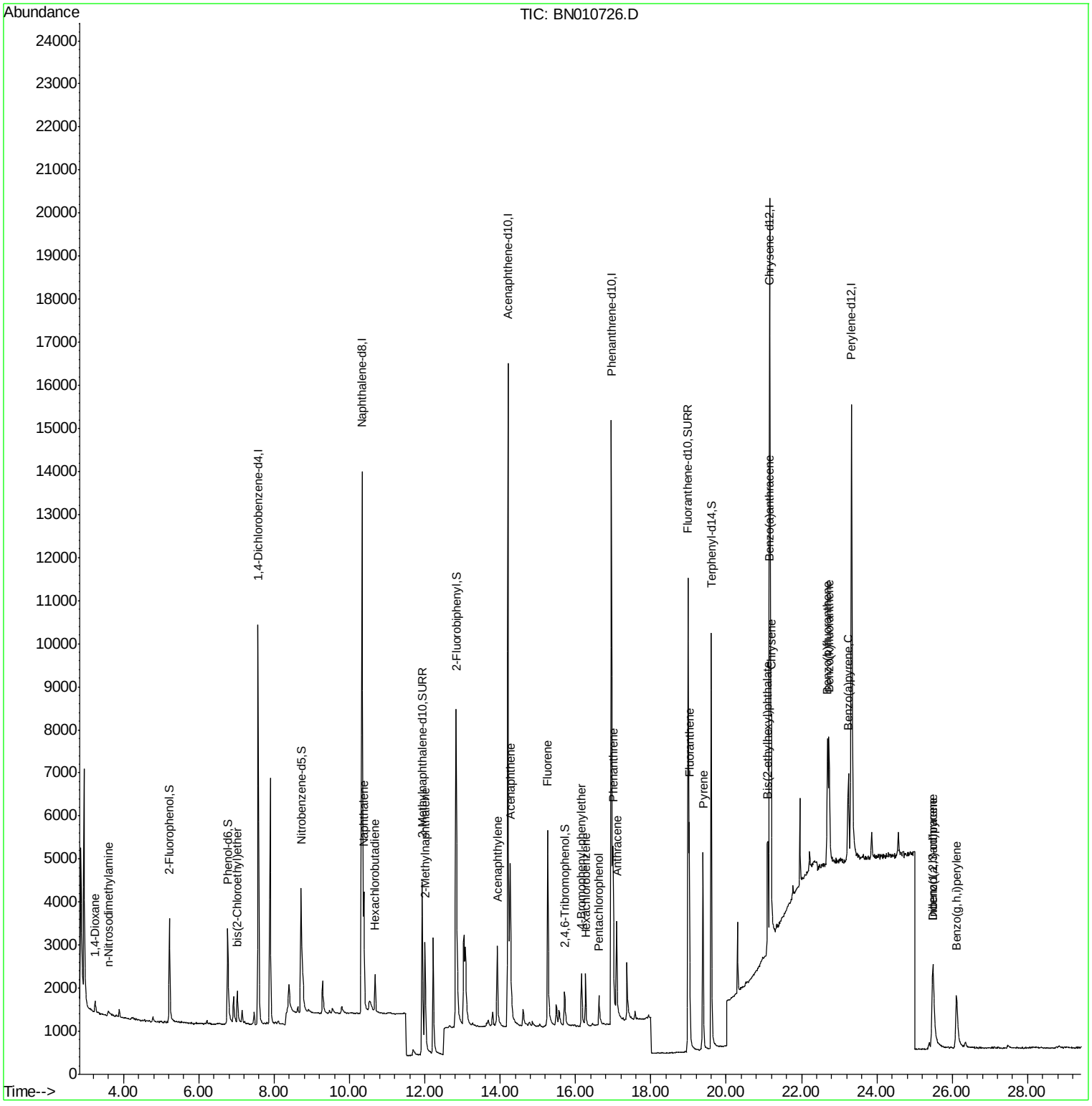
(#) = qualifier out of range (m) = manual integration (+) = signals summed

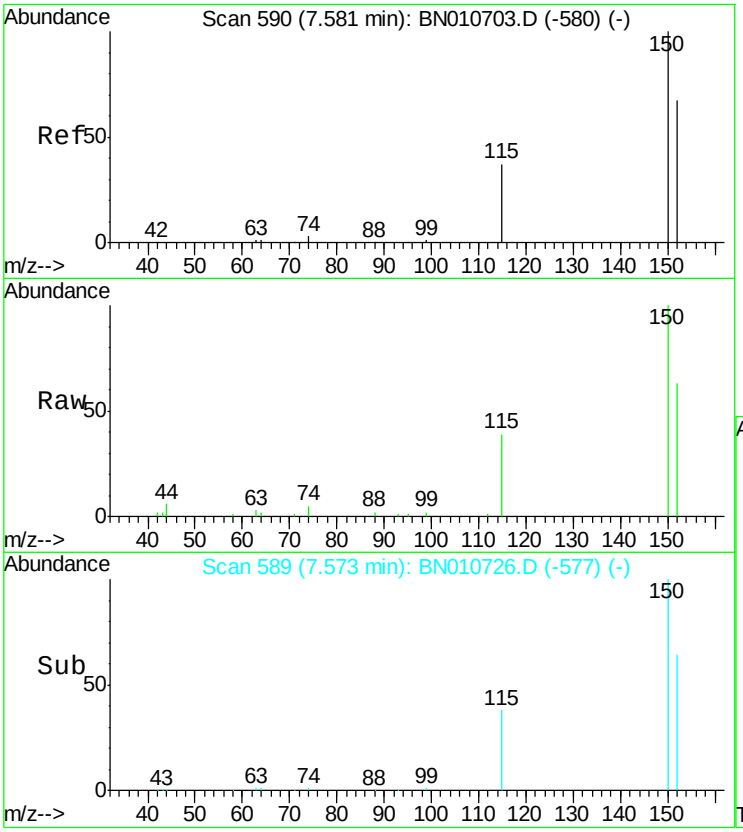
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051520\
Data File : BN010726.D
Acq On : 15 May 2020 11:50
Operator : CG/JU
Sample : L2182-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Quant Time: May 15 12:37:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 10:34:23 2020
Response via : Initial Calibration



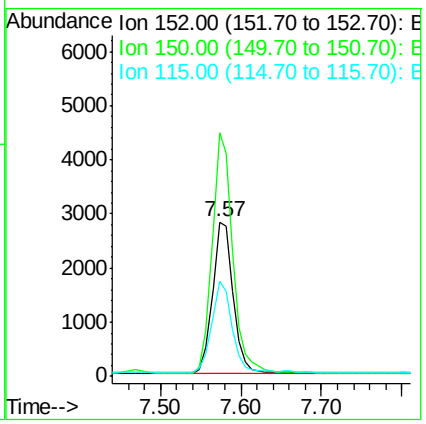


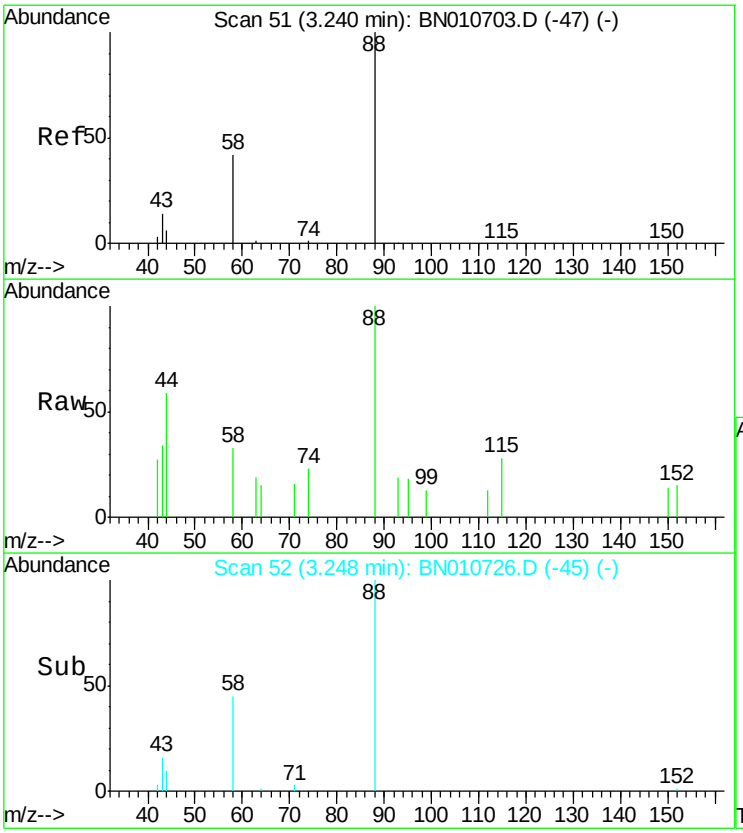

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:152 Resp: 4981

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.9 | 119.4 | 179.0 |
| 115 | 61.3 | 45.9 | 68.9 |

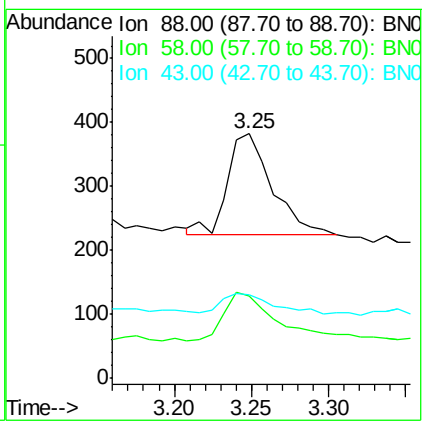


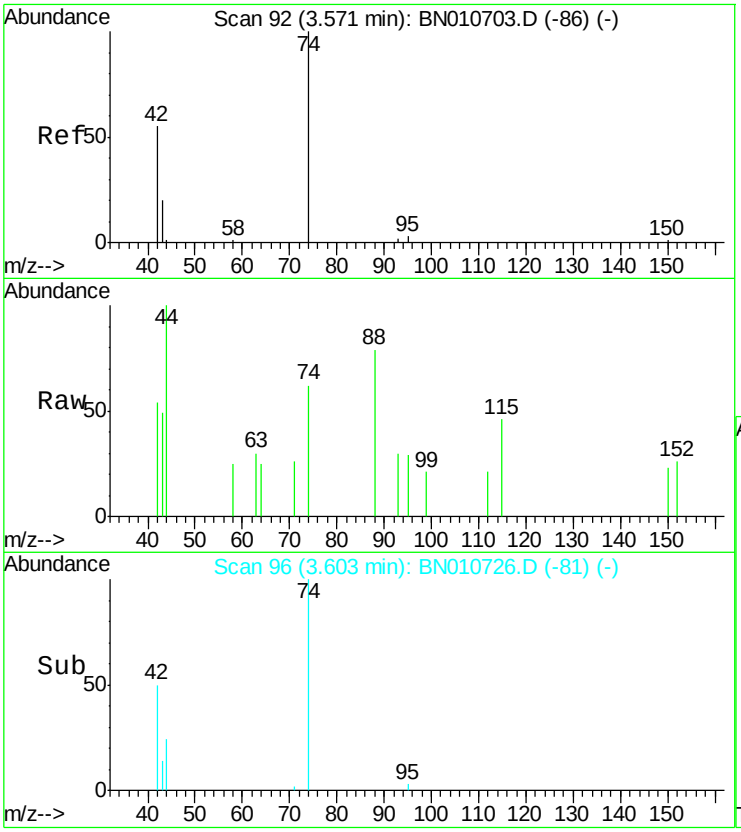




#2
1,4-Dioxane
Concen: 0.07 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.01 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion: 88 Resp: 314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 55.1 | 39.0 | 58.6 |
| 43 | 23.6 | 13.1 | 19.7# |



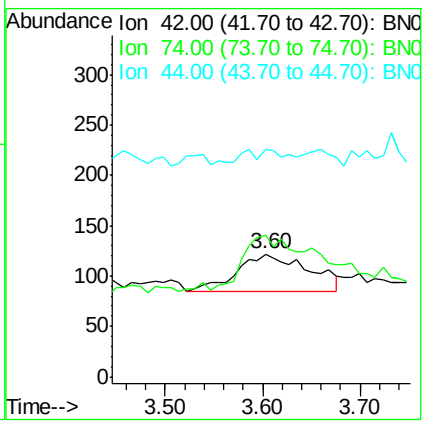


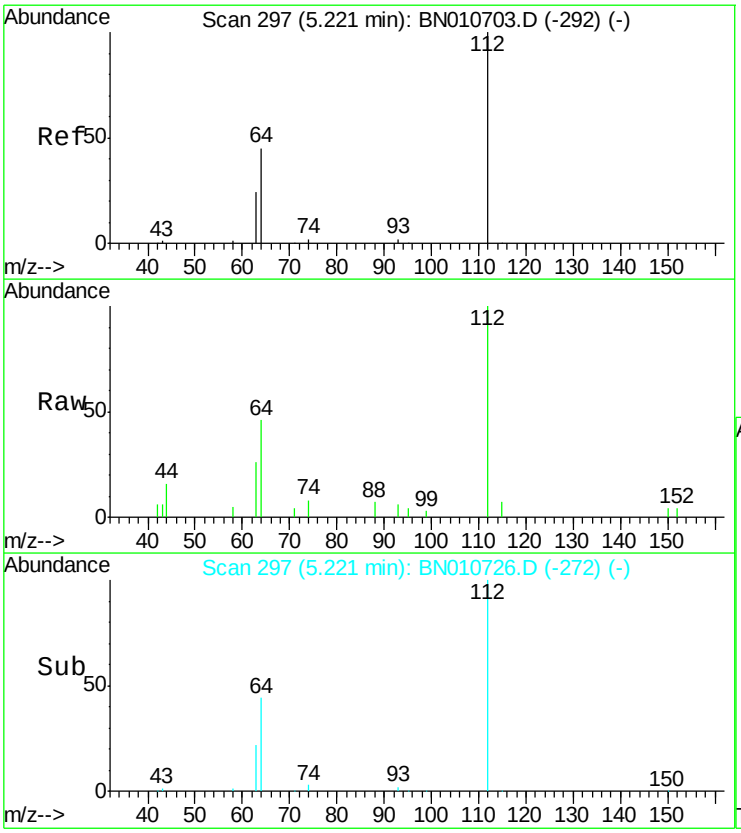

#3
n-Nitrosodimethylamine
Concen: 0.08 ng
RT: 3.60 min Scan# 96
Delta R.T. 0.02 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion: 42 Resp: 186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 140.3 | 146.2 | 219.2# |
| 44 | 8.6 | 3.0 | 4.4# |

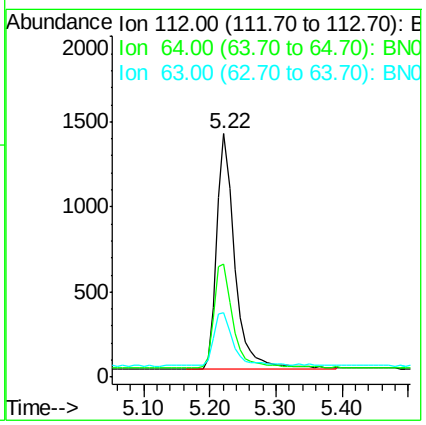


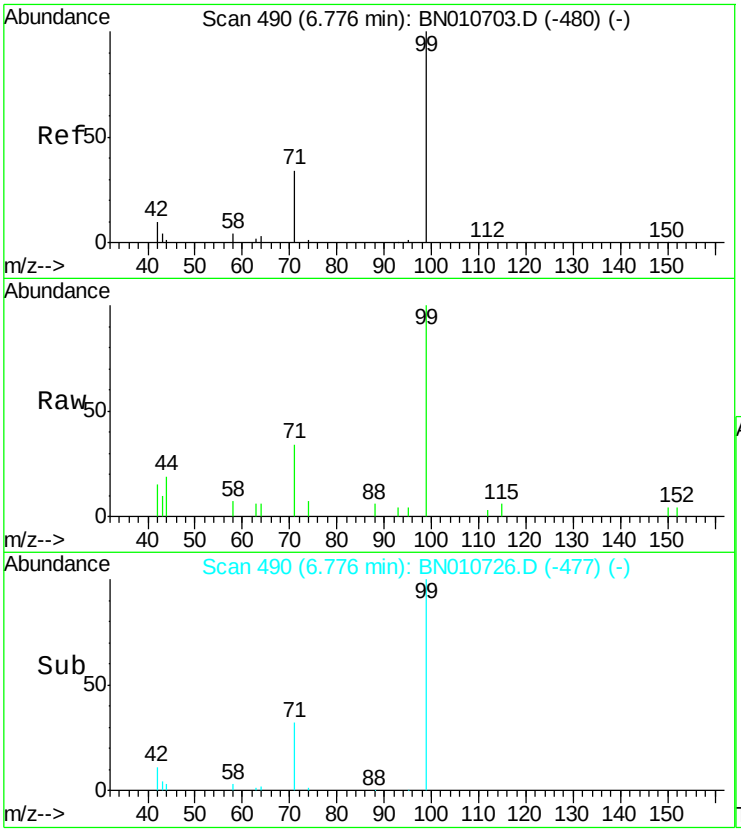




#4
2-Fluorophenol
Concen: 0.27 ng
RT: 5.22 min Scan# 297
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:112 Resp: 2624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 46.6 | 36.2 | 54.4 |
| 63 | 23.5 | 19.8 | 29.8 |



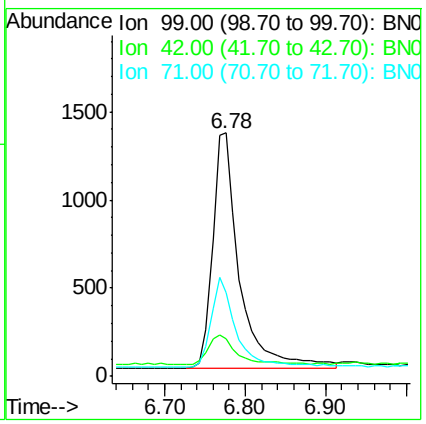


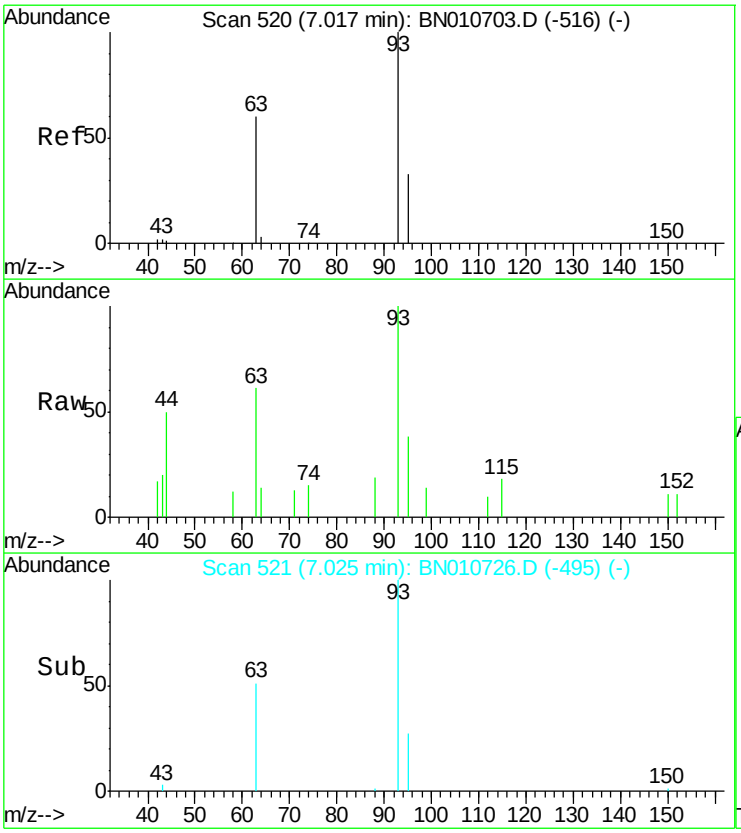

#5
Phenol-d6
Concen: 0.26 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.01 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion: 99 Resp: 3081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.5 | 9.8 | 14.8 |
| 71 | 35.8 | 28.6 | 42.8 |

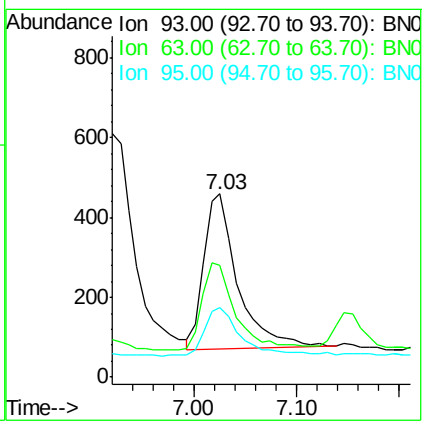


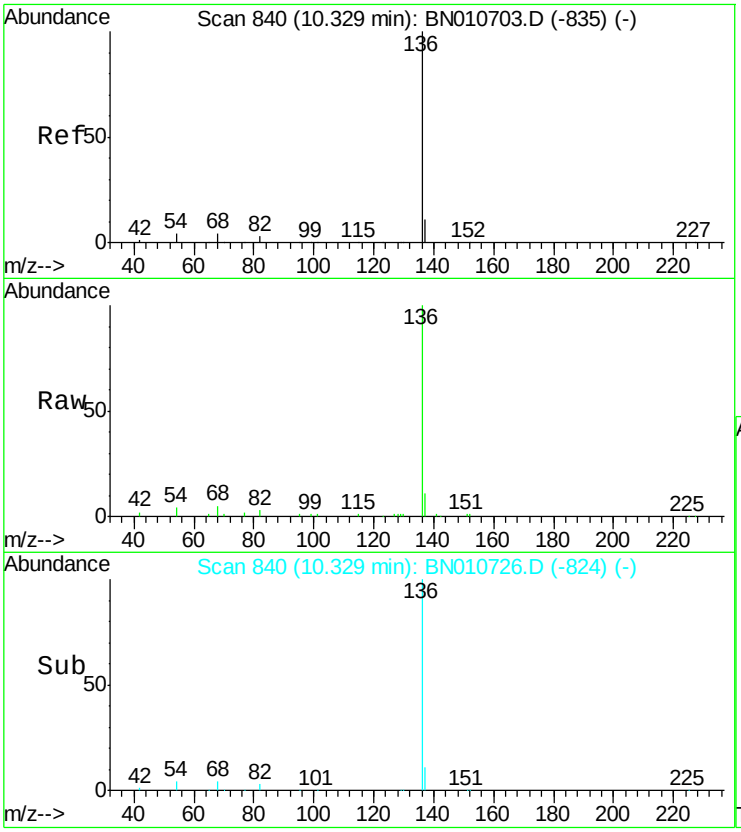




#6
bis(2-Chloroethyl)ether
Concen: 0.07 ng
RT: 7.03 min Scan# 521
Delta R.T. 0.01 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion: 93 Resp: 887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 55.5 | 43.1 | 64.7 |
| 95 | 33.6 | 24.6 | 37.0 |



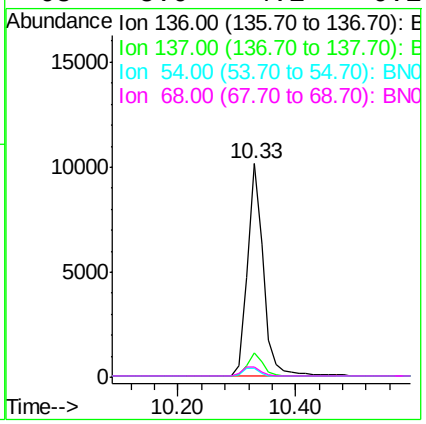


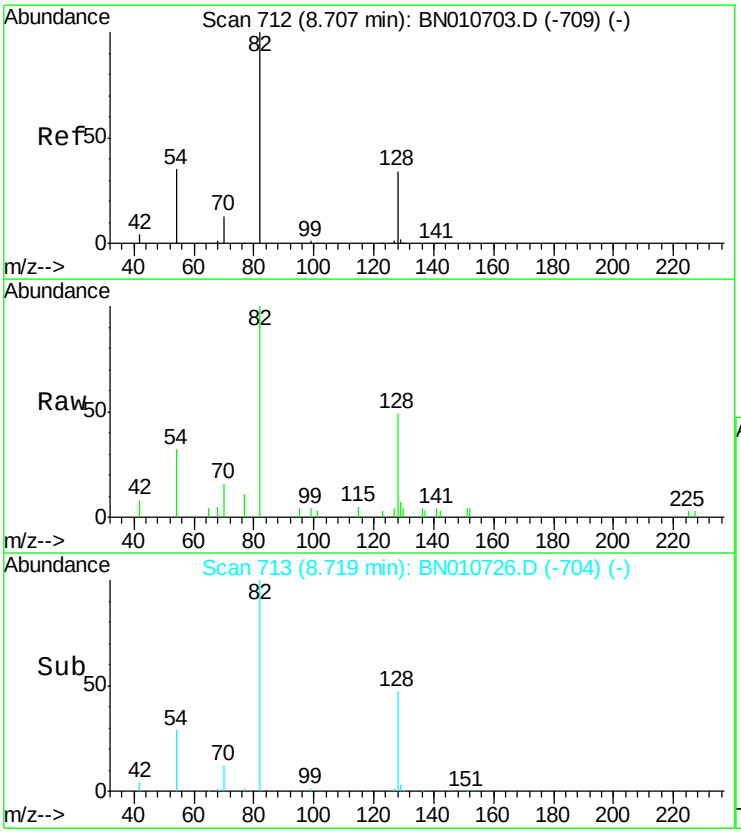

#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.33 min Scan# 840
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:136 Resp: 18885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 9.2 | 13.8 |
| 54 | 4.2 | 3.6 | 5.4 |
| 68 | 5.0 | 4.1 | 6.1 |

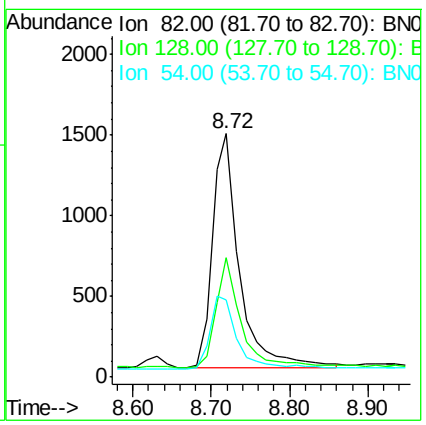


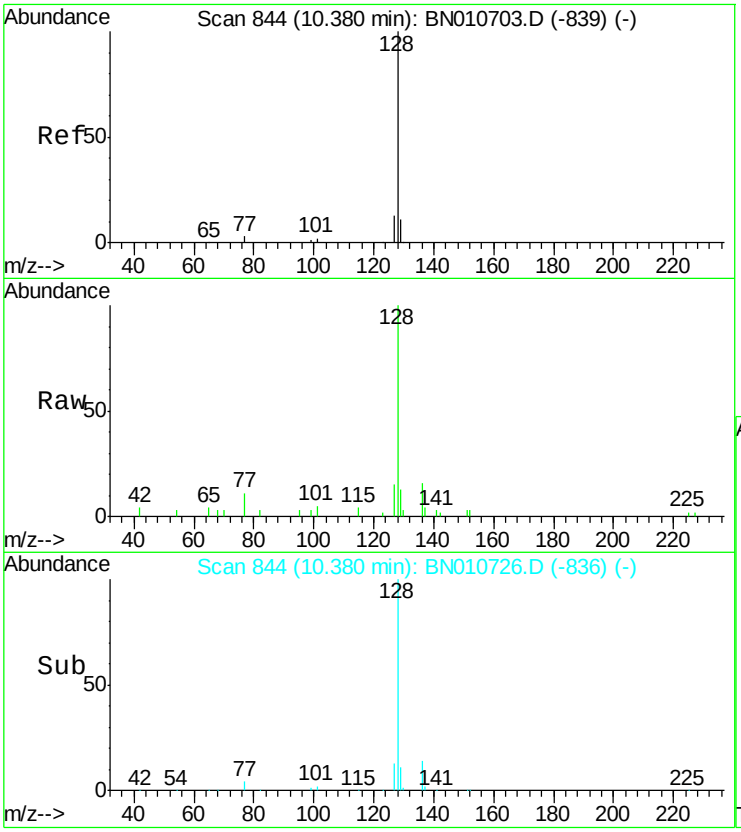




#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.01 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion: 82 Resp: 3497

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.2 | 29.0 | 43.4# |
| 54 | 31.5 | 29.3 | 43.9 |



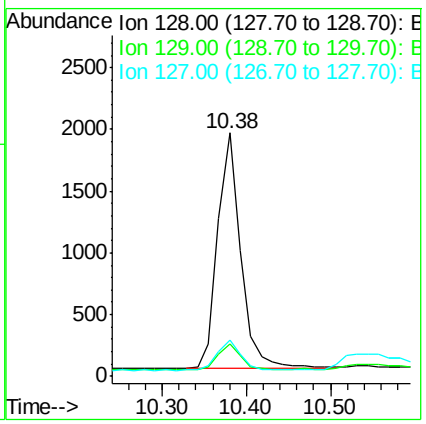


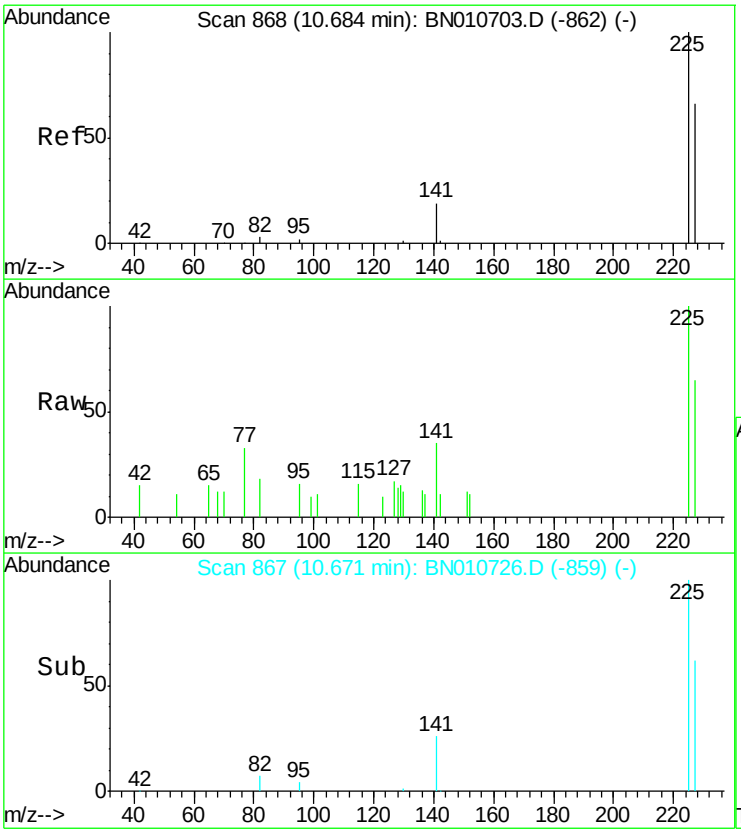

#9
Naphthalene
Concen: 0.08 ng
RT: 10.38 min Scan# 844
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:128 Resp: 3664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 13.2 | 9.3 | 13.9 |
| 127 | 15.2 | 11.0 | 16.6 |

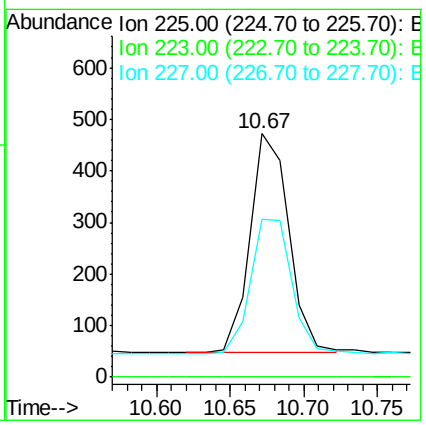


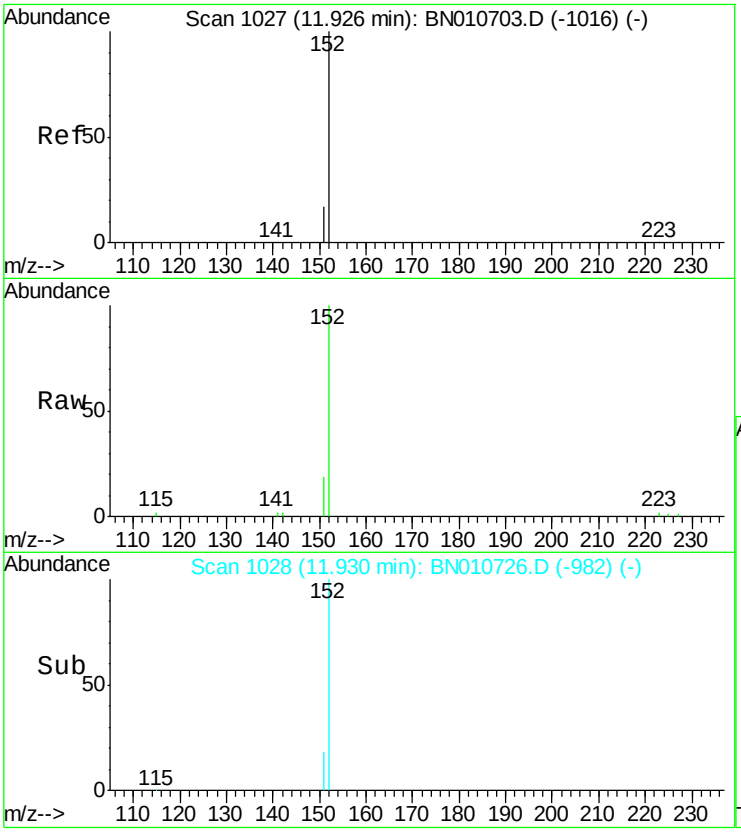




#10
Hexachlorobutadiene
Concen: 0.07 ng
RT: 10.67 min Scan# 867
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:225 Resp: 778

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 65.6 | 50.7 | 76.1 |



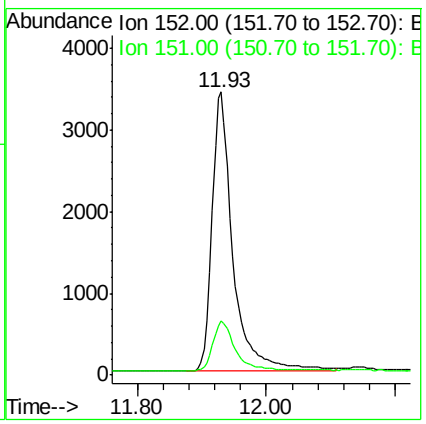


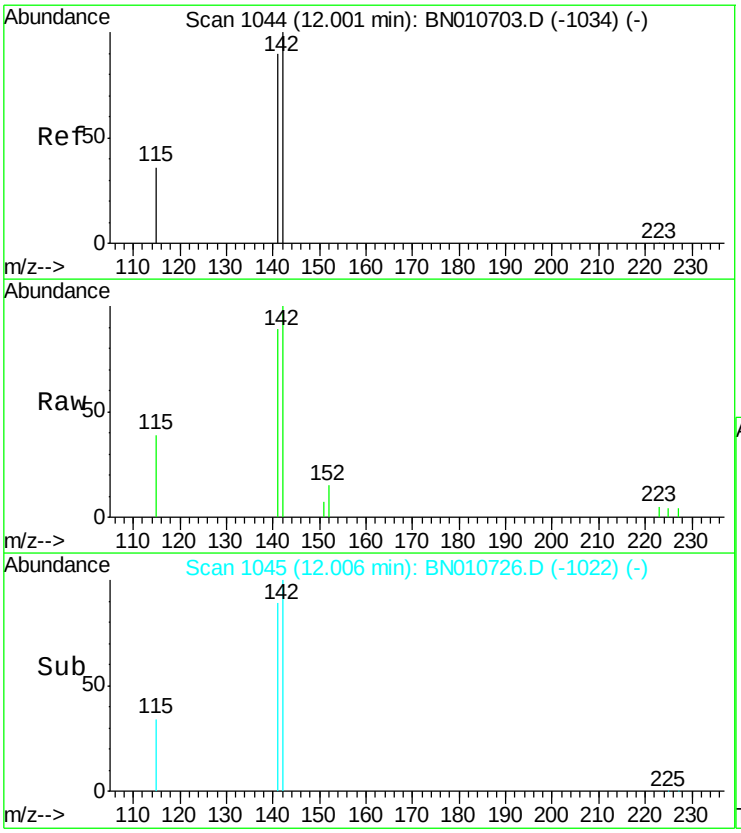

#11
2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:152 Resp: 7638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.7 | 15.0 | 22.6 |

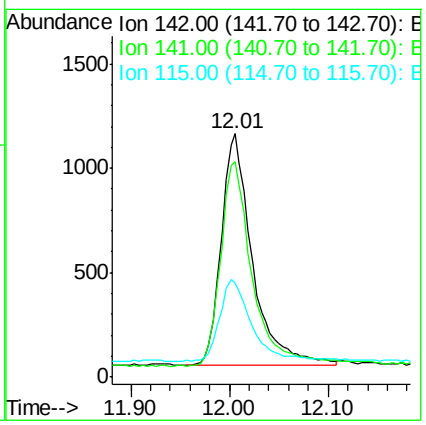


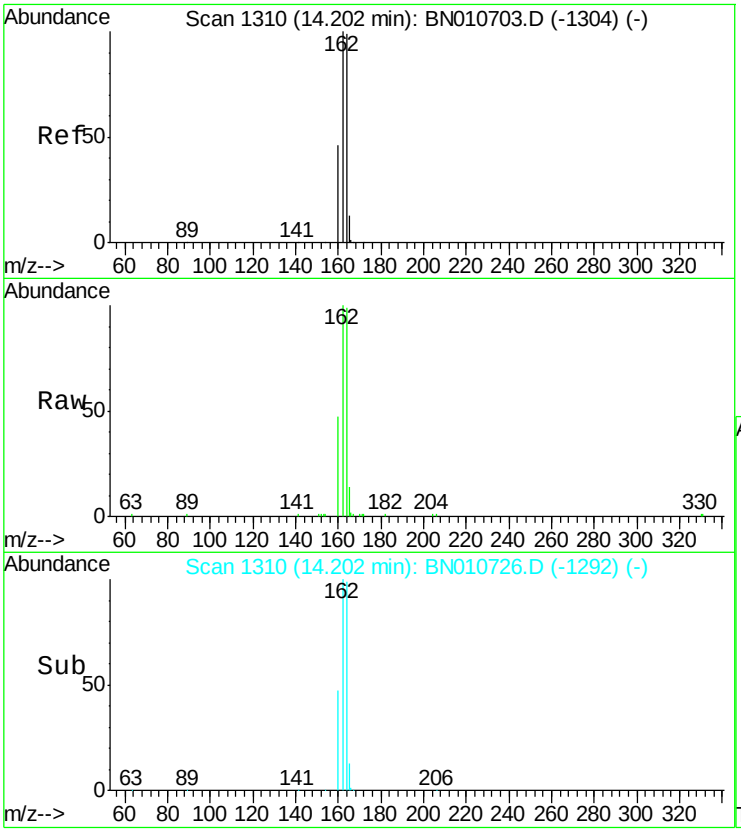




#12
2-Methylnaphthalene
Concen: 0.07 ng
RT: 12.01 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:142 Resp: 2446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.7 | 71.7 | 107.5 |
| 115 | 38.7 | 29.8 | 44.6 |



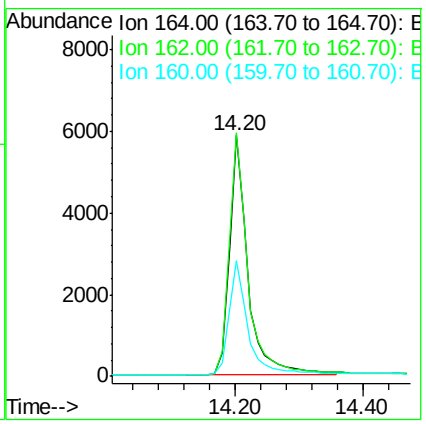


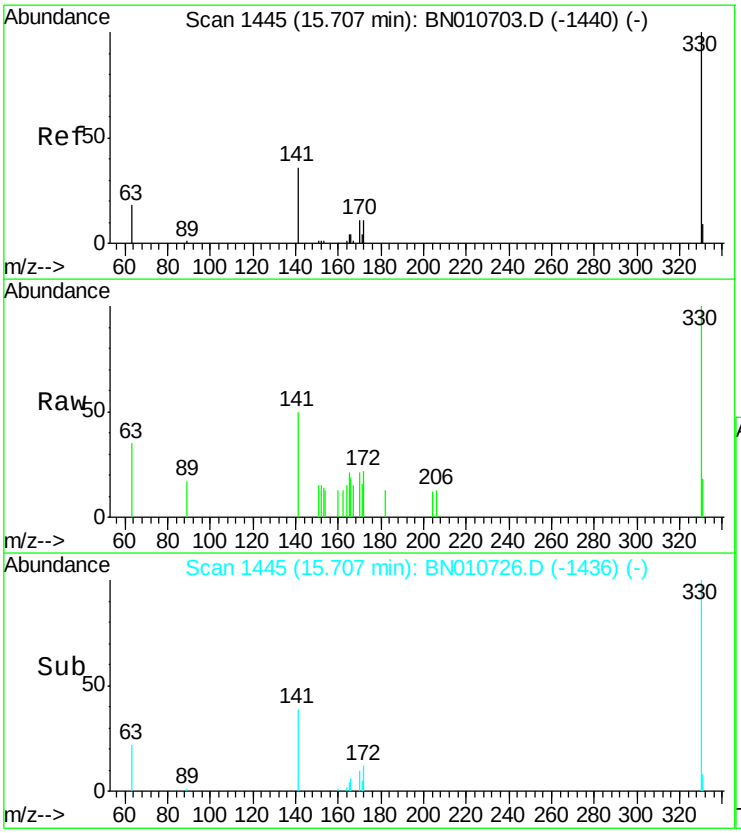

#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.20 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:164 Resp: 11682

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.2 | 81.1 | 121.7 |
| 160 | 47.8 | 37.9 | 56.9 |

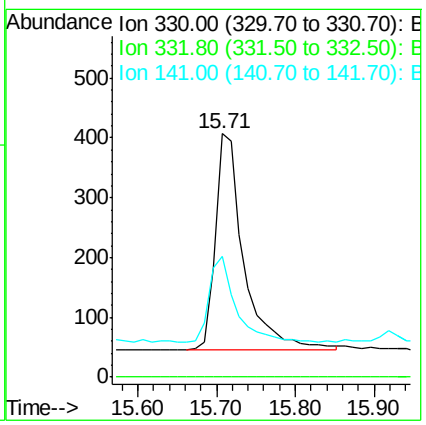


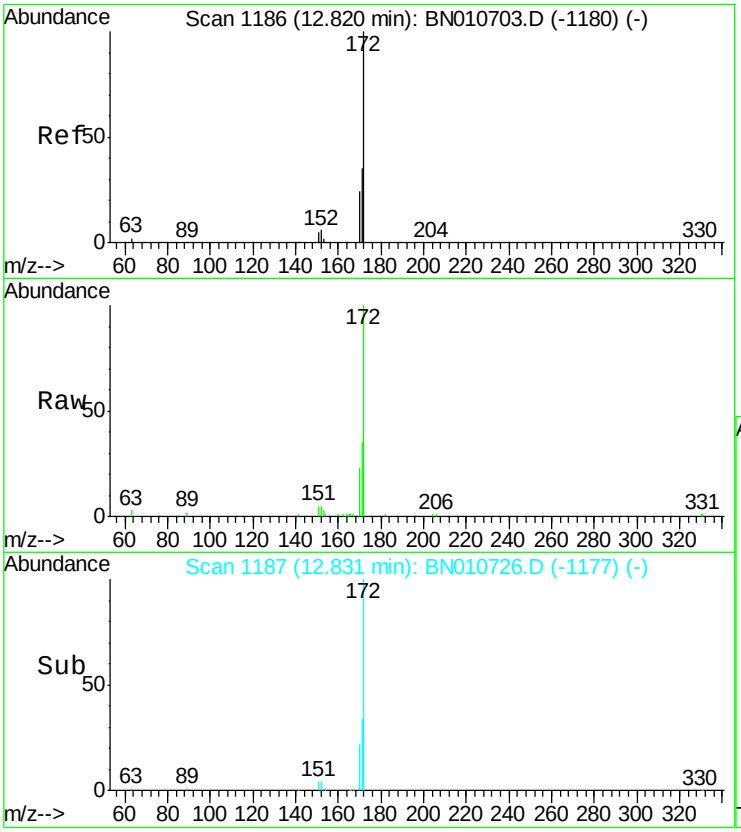




#14
2,4,6-Tribromophenol
Concen: 0.22 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:330 Resp: 921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 37.2 | 28.8 | 43.2 |



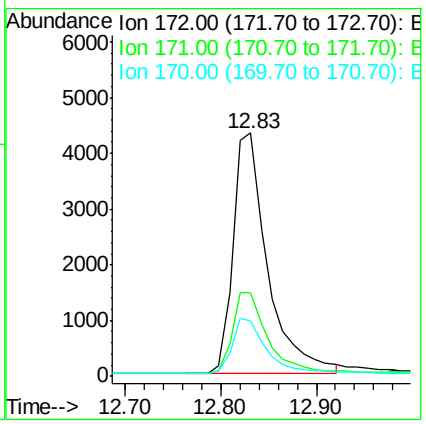


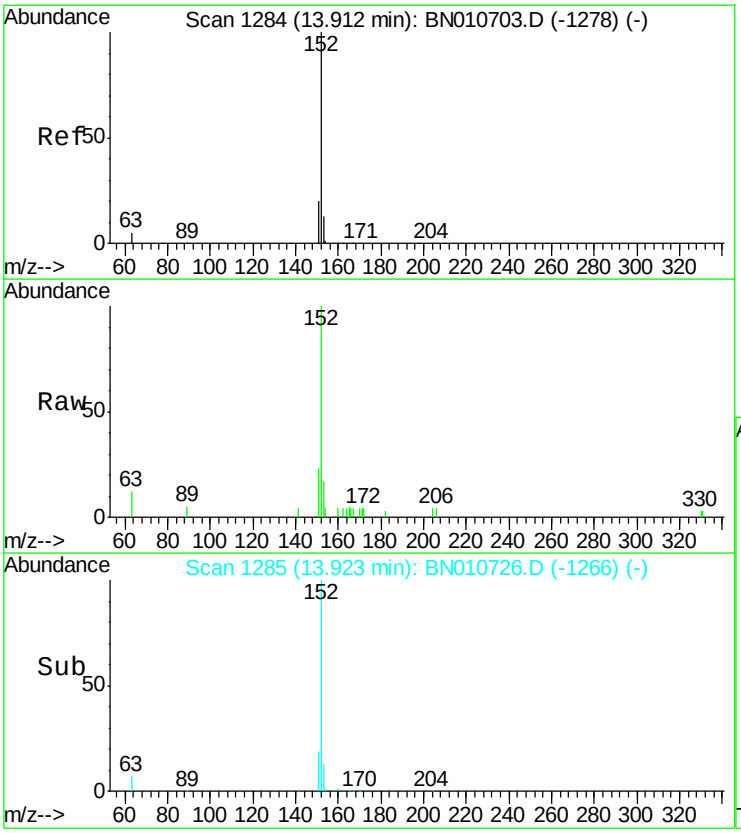

#15
2-Fluorobiphenyl
Concen: 0.25 ng
RT: 12.83 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:172 Resp: 10865

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 28.6 | 42.8 |
| 170 | 22.6 | 19.8 | 29.8 |

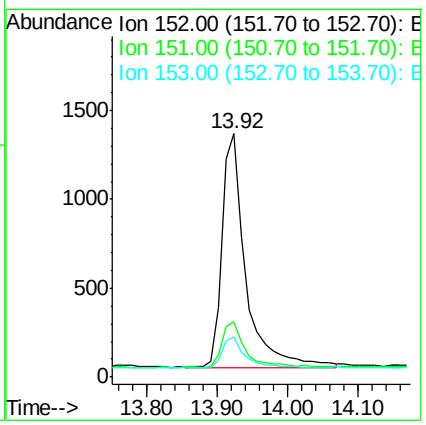


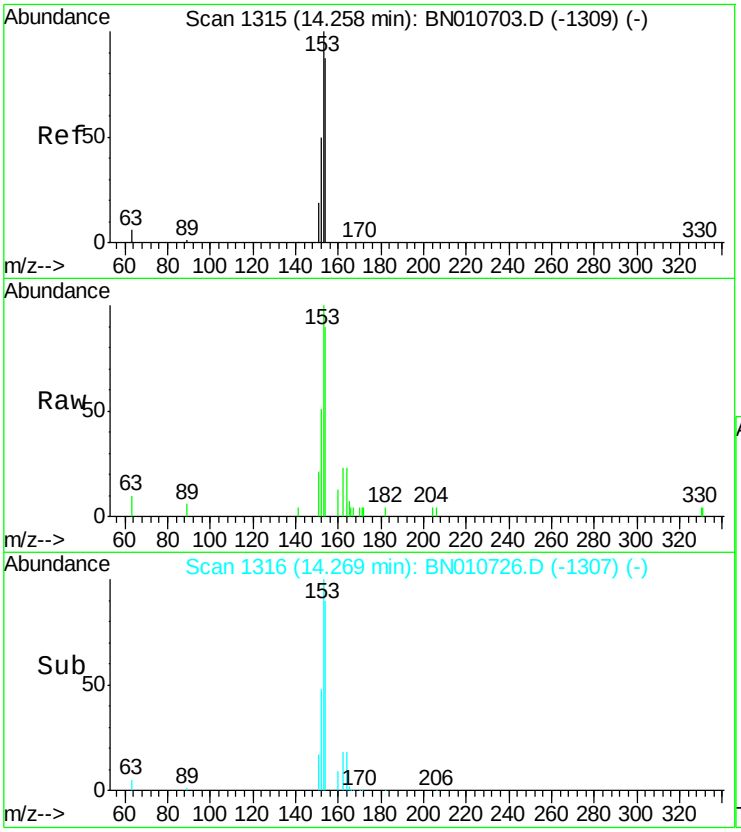




#16
Acenaphthylene
Concen: 0.06 ng
RT: 13.92 min Scan# 1285
Delta R.T. 0.02 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:152 Resp: 3097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.1 | 15.6 | 23.4 |
| 153 | 13.3 | 10.4 | 15.6 |



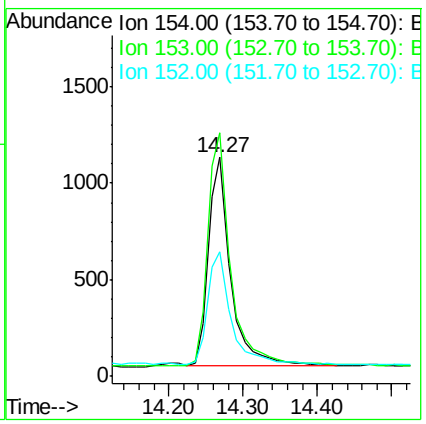


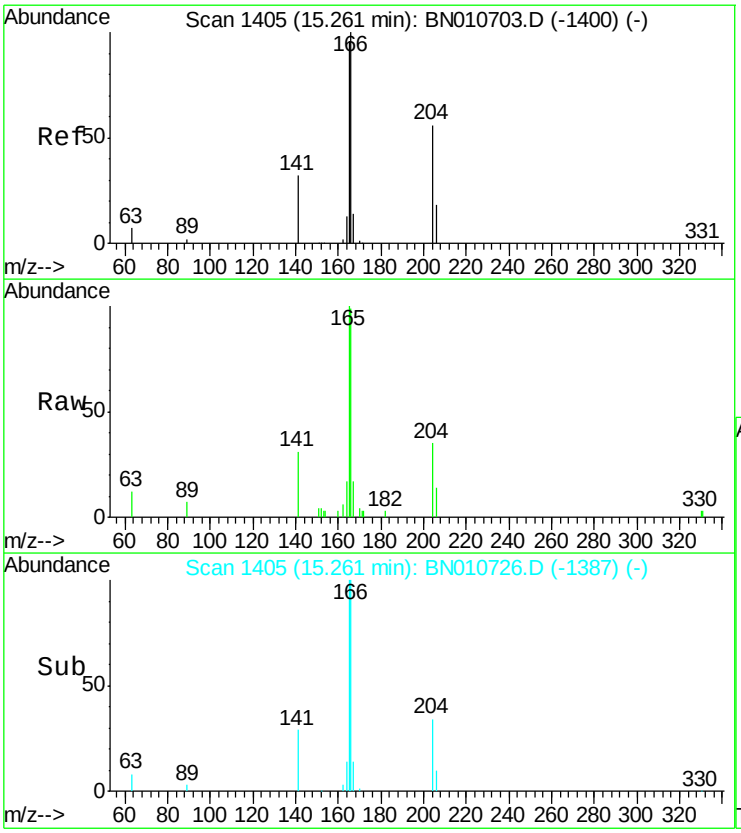

#17
Acenaphthene
Concen: 0.07 ng
RT: 14.27 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:154 Resp: 2228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.8 | 91.5 | 137.3 |
| 152 | 57.2 | 45.6 | 68.4 |

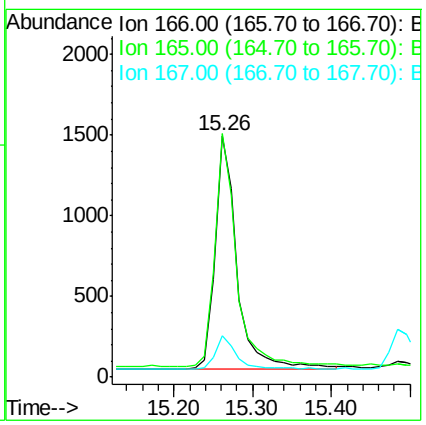


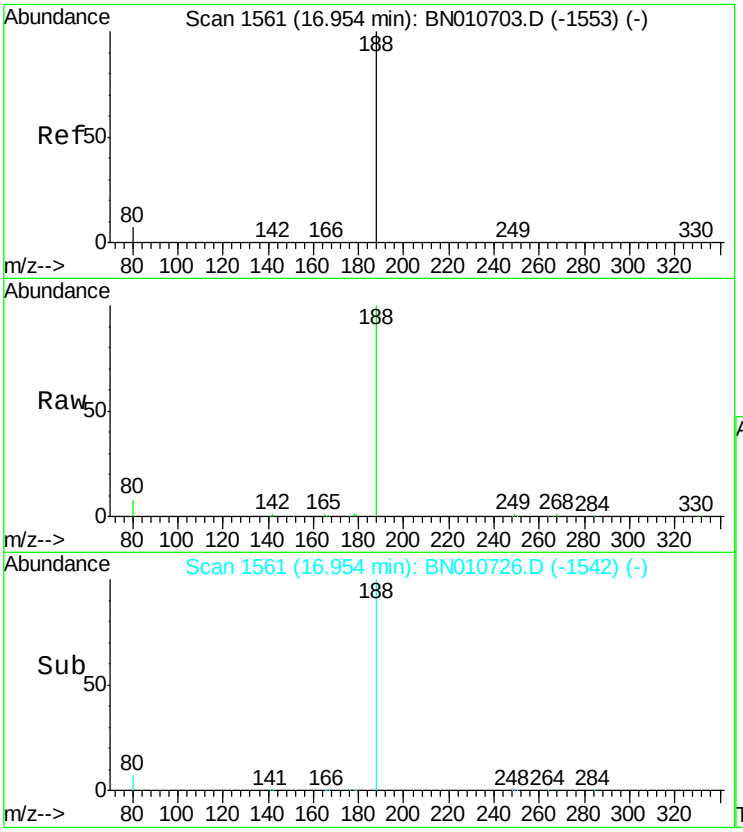




#18
Fluorene
Concen: 0.07 ng
RT: 15.26 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:166 Resp: 2795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.4 | 77.9 | 116.9 |
| 167 | 13.8 | 11.0 | 16.4 |



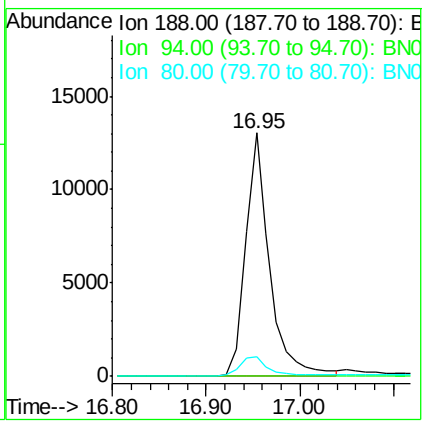


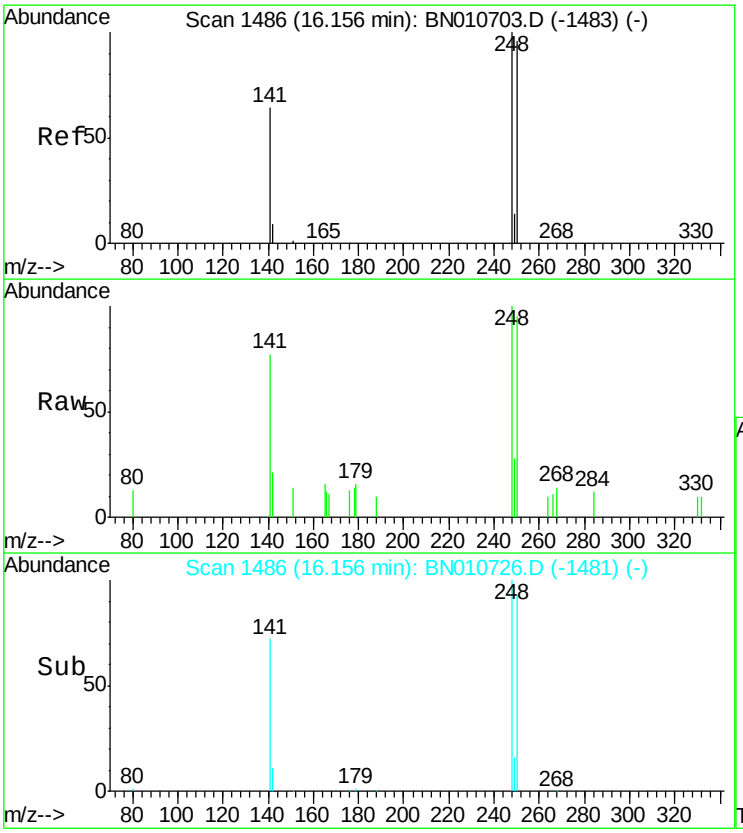

#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:188 Resp: 22951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 7.8 | 6.3 | 9.5 |

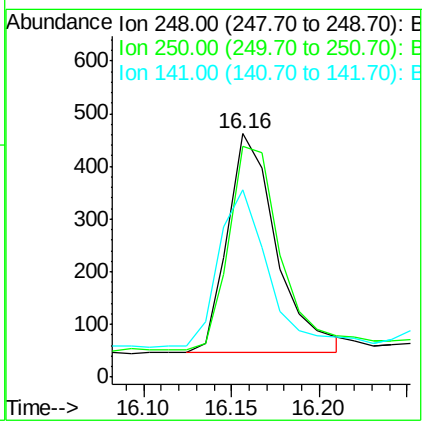


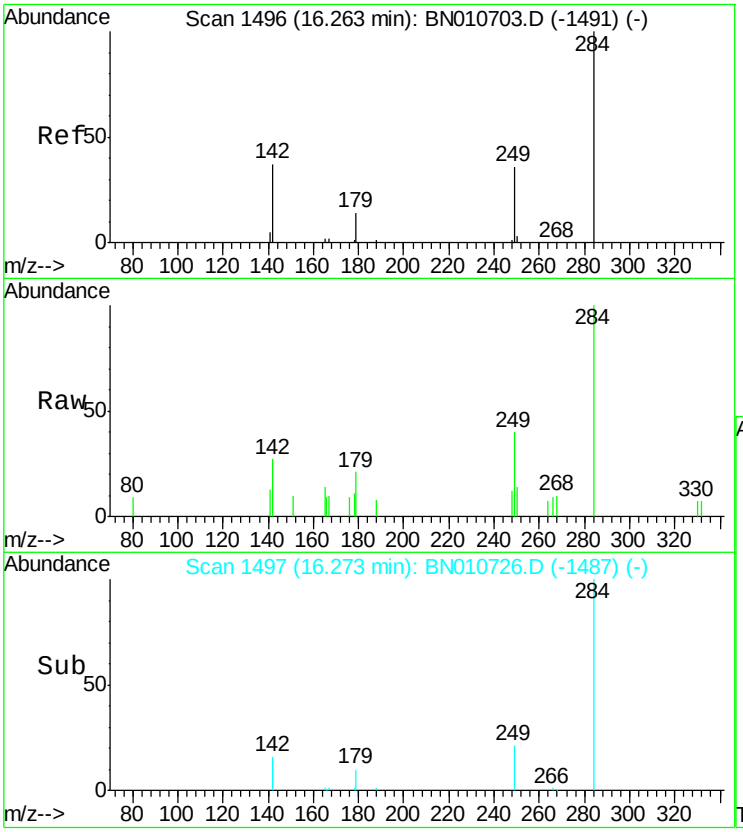




#20
4-Bromophenyl-phenylether
Concen: 0.06 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:248 Resp: 810

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.0 | 77.4 | 116.0 |
| 141 | 77.1 | 53.1 | 79.7 |



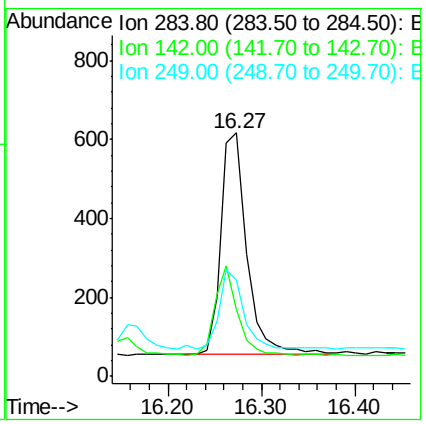


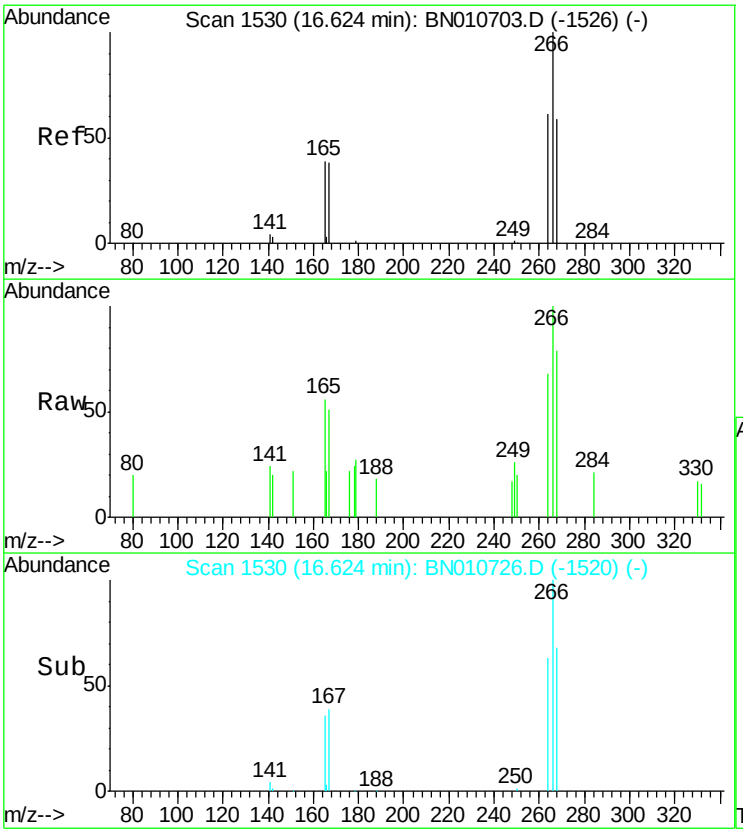

#21
Hexachlorobenzene
Concen: 0.07 ng
RT: 16.27 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:284 Resp: 1095

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 36.5 | 28.2 | 42.2 |
| 249 | 33.0 | 26.4 | 39.6 |

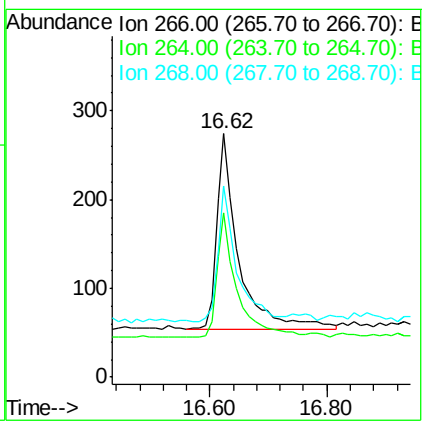


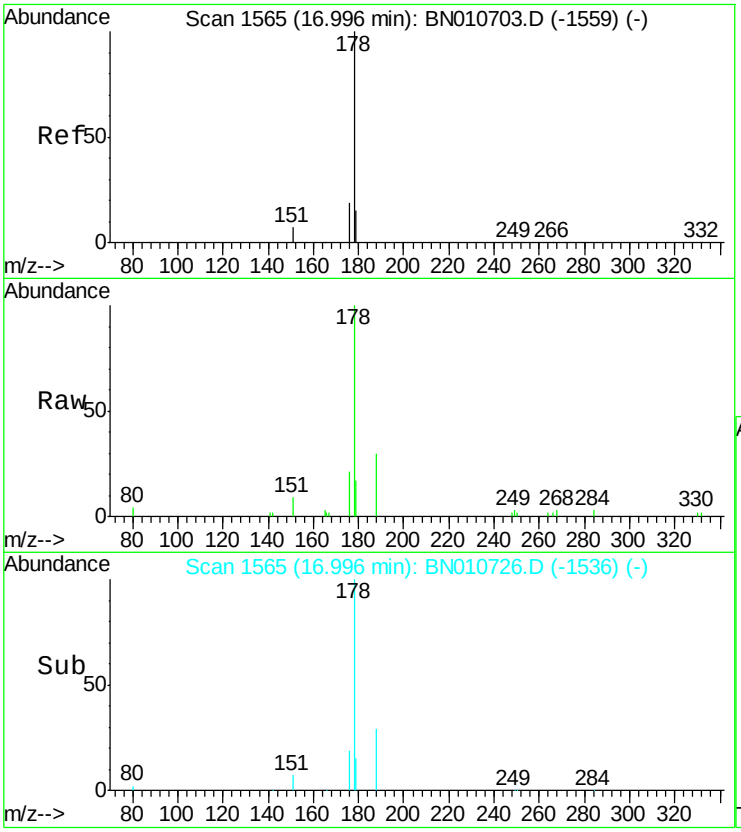




#22
Pentachlorophenol
Concen: 0.12 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:266 Resp: 577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 67.5 | 51.1 | 76.7 |
| 268 | 78.8 | 52.1 | 78.1# |



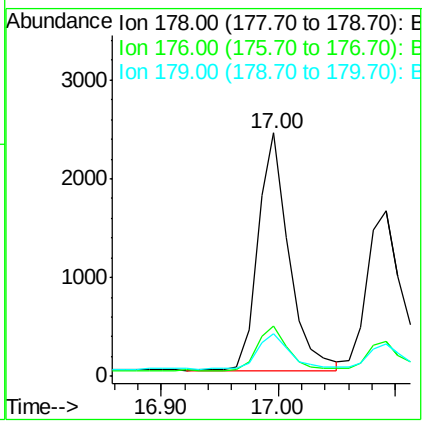


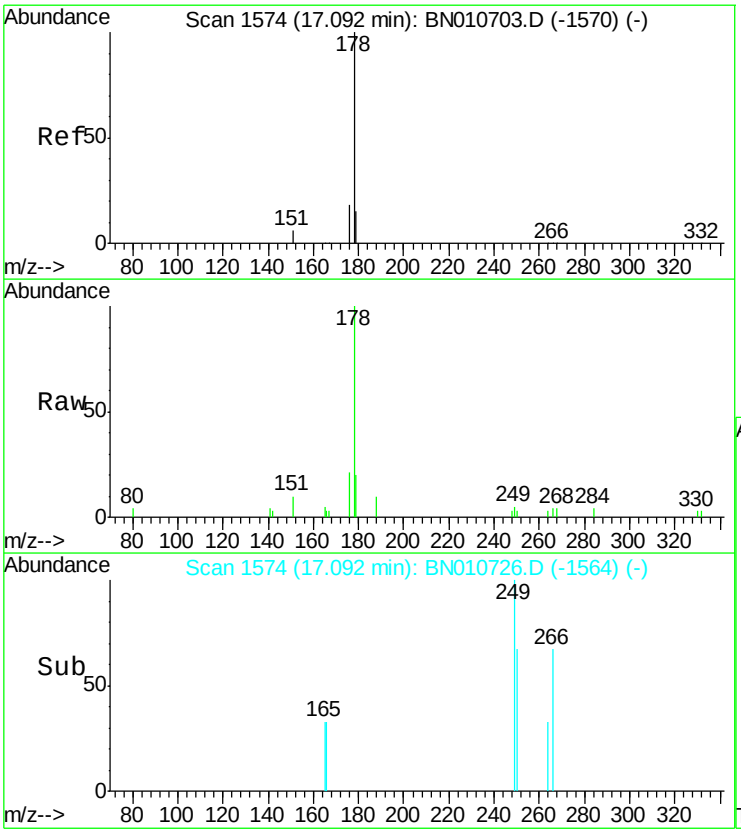

#23
Phenanthrene
Concen: 0.07 ng
RT: 17.00 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:178 Resp: 4402

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 14.9 | 22.3 |
| 179 | 15.8 | 12.2 | 18.4 |

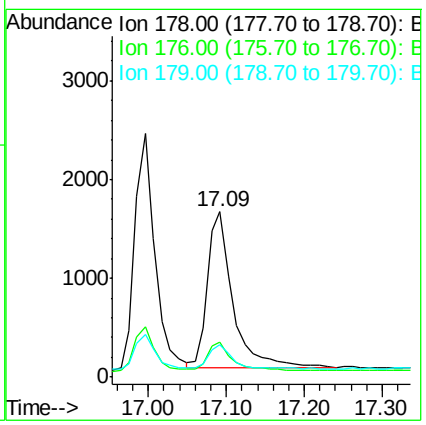


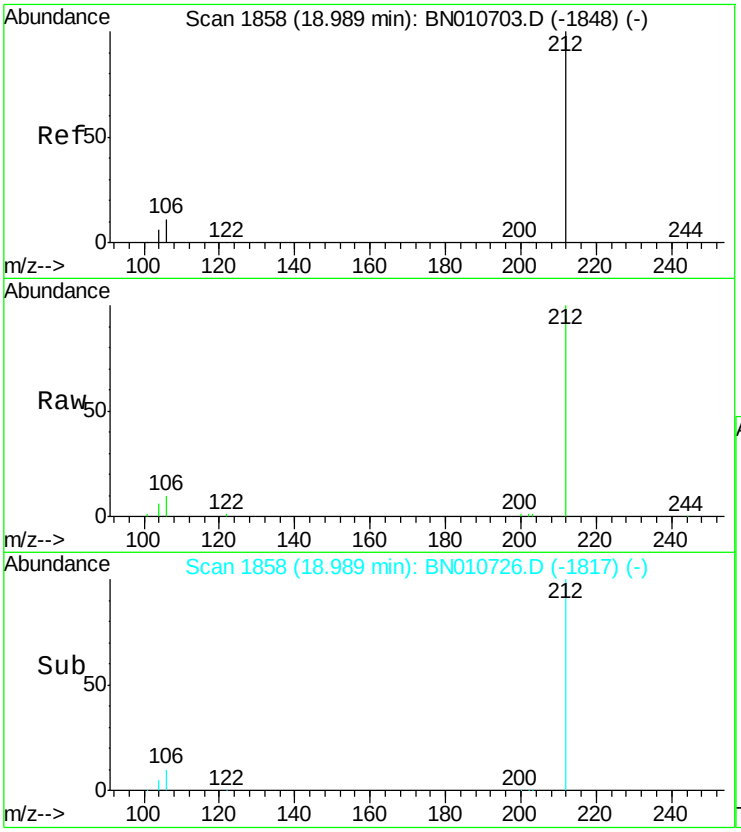




#24
Anthracene
Concen: 0.07 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:178 Resp: 3509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.8 | 14.7 | 22.1 |
| 179 | 15.4 | 12.3 | 18.5 |



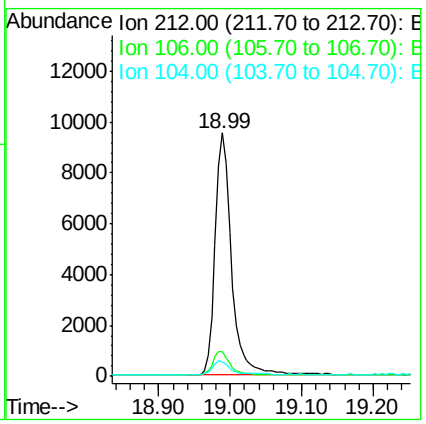


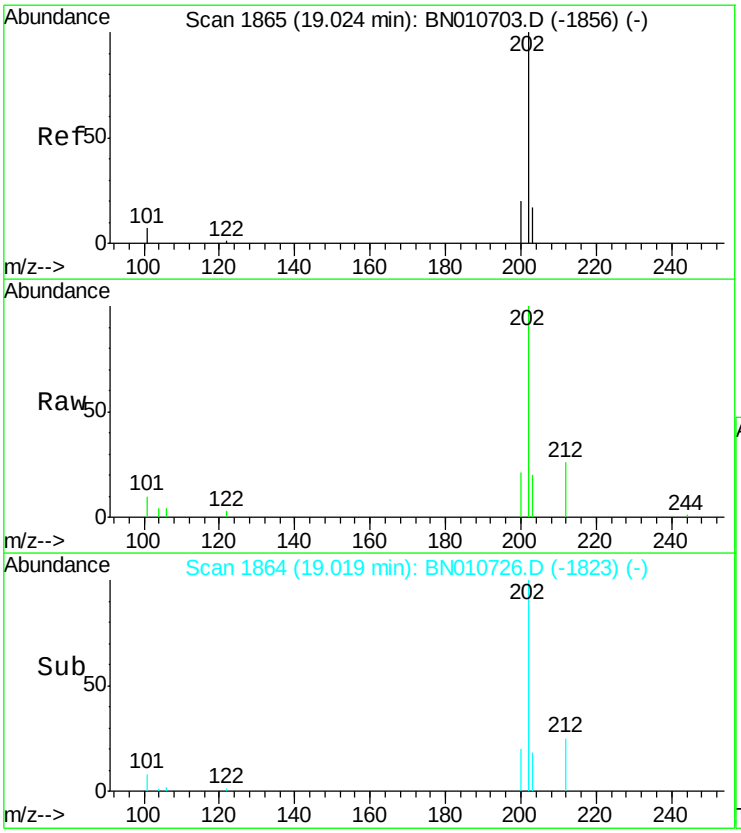

#25
Fluoranthene-d10
Concen: 0.24 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:212 Resp: 15148

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 10.0 | 8.2 | 12.2 |
| 104 | 5.7 | 4.7 | 7.1 |

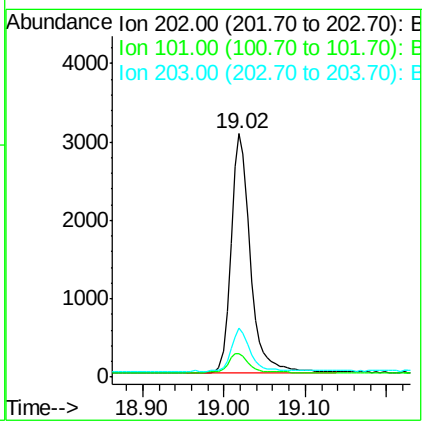


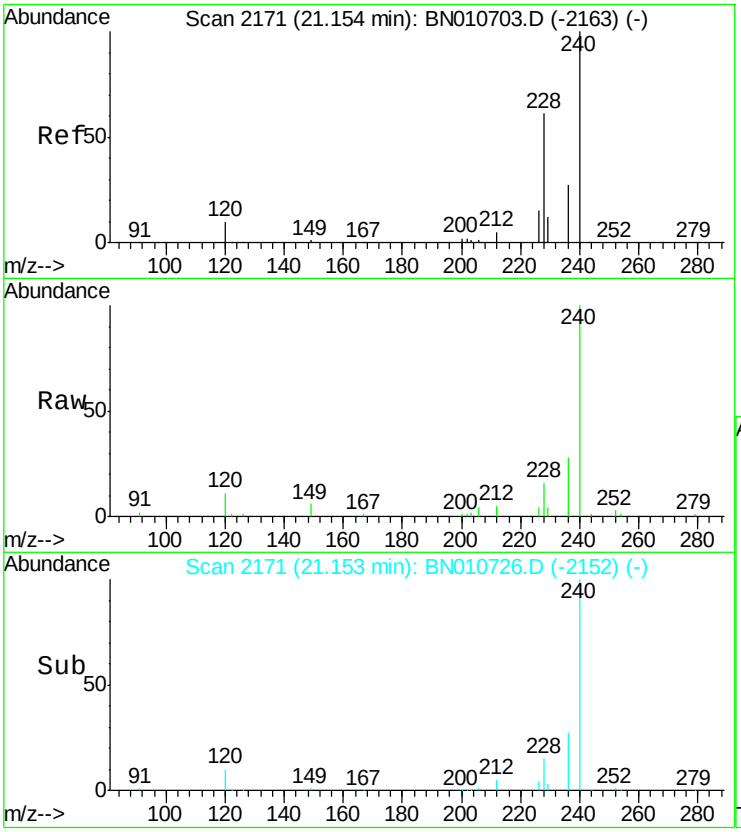




#26
Fluoranthene
Concen: 0.07 ng
RT: 19.02 min Scan# 1864
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:202 Resp: 5014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.1 | 6.7 | 10.1 |
| 203 | 17.7 | 13.4 | 20.0 |



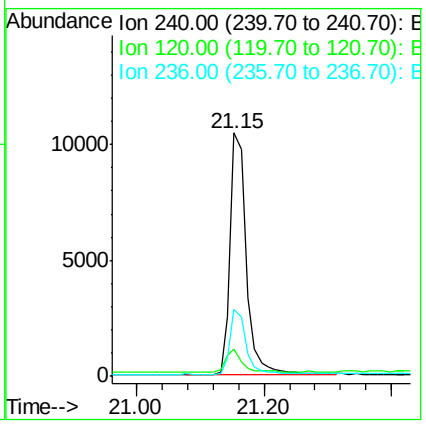


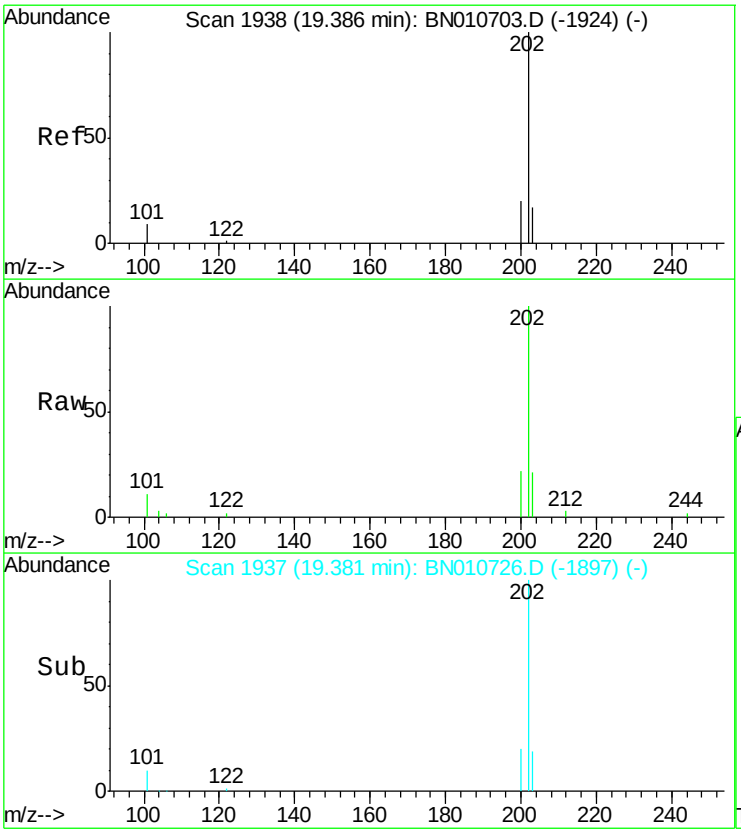

#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.15 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:240 Resp: 18585

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 9.5 | 14.3 |
| 236 | 27.6 | 22.5 | 33.7 |

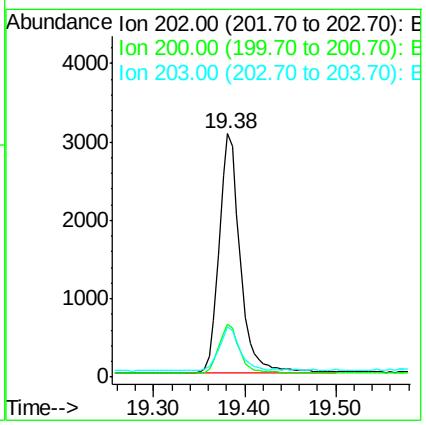


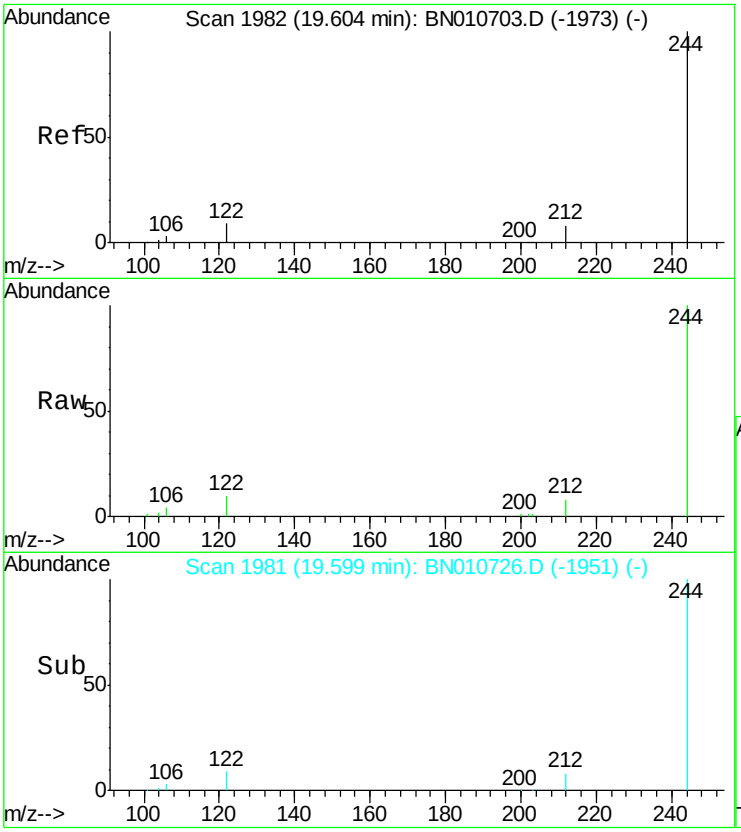




#28
Pyrene
Concen: 0.07 ng
RT: 19.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:202 Resp: 4883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 19.9 | 16.2 | 24.4 |
| 203 | 18.5 | 14.1 | 21.1 |



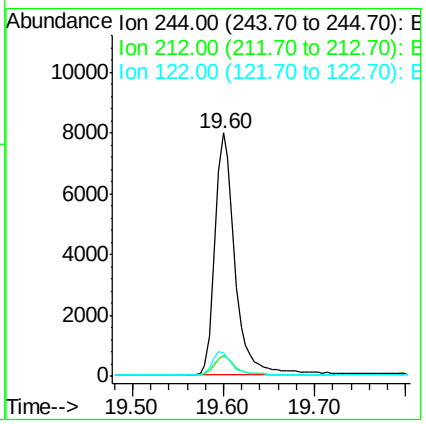


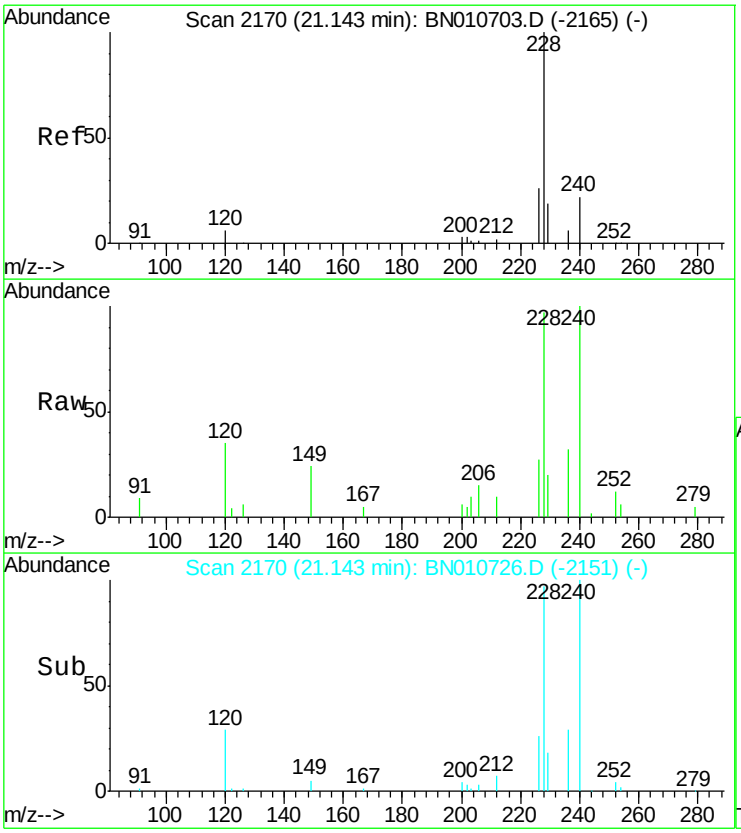

#29
Terphenyl-d14
Concen: 0.28 ng
RT: 19.60 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:244 Resp: 12138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.4 | 6.8 | 10.2 |
| 122 | 9.8 | 8.1 | 12.1 |

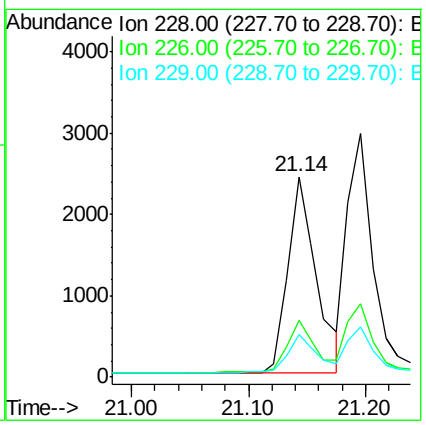


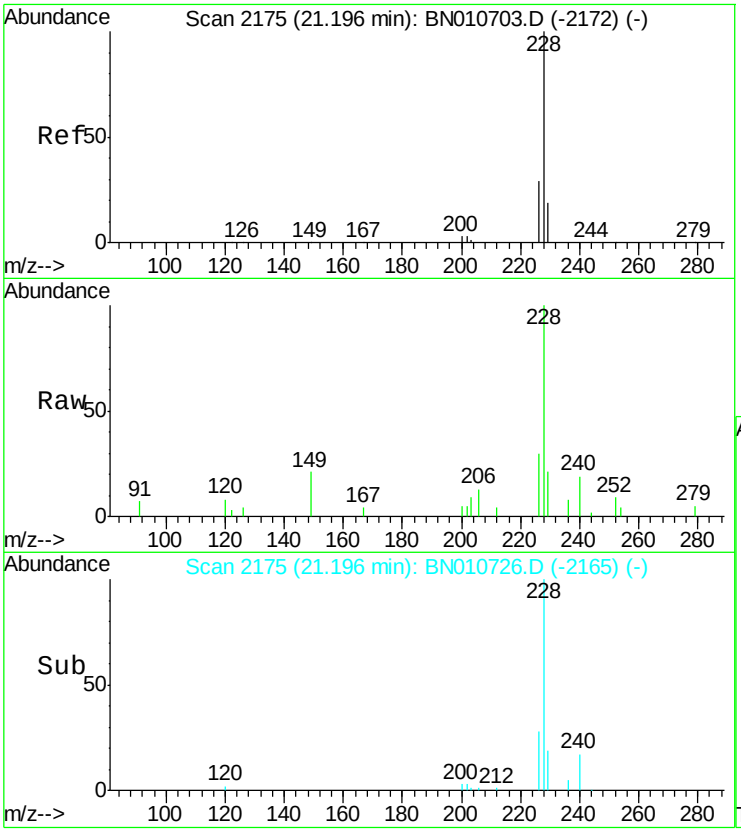




#30
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:228 Resp: 4104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.2 | 21.3 | 31.9 |
| 229 | 21.0 | 16.0 | 24.0 |



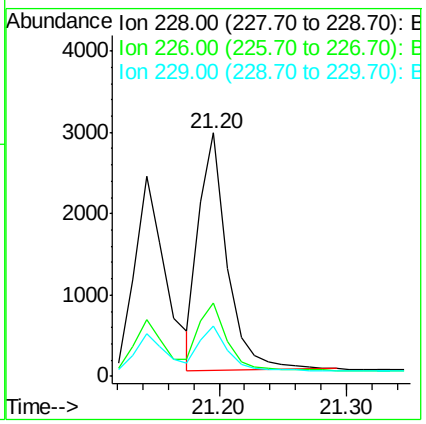


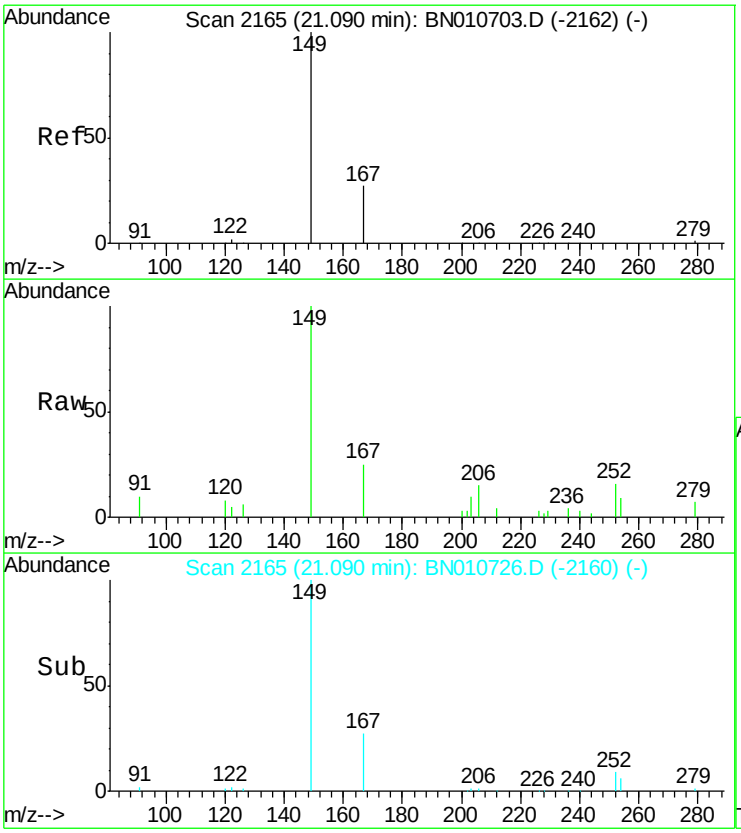

#31
Chrysene
Concen: 0.07 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:228 Resp: 4492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.9 | 23.4 | 35.0 |
| 229 | 20.8 | 16.1 | 24.1 |

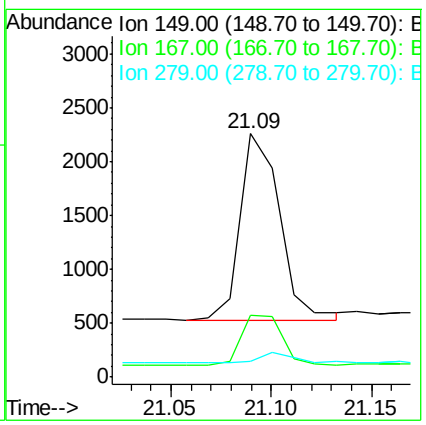


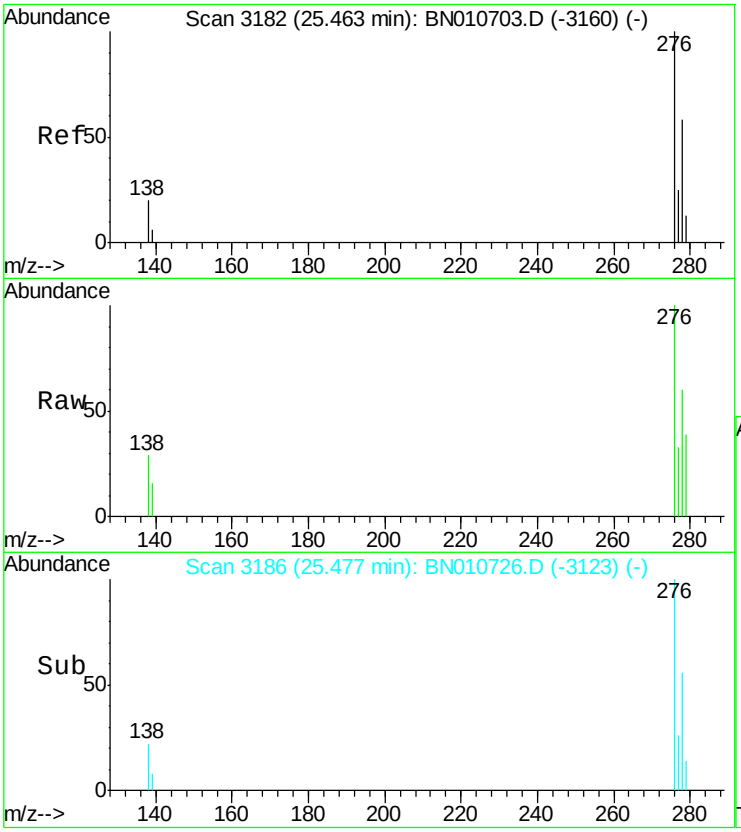




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 21.09 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:149 Resp: 2393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.8 | 22.5 | 33.7 |
| 279 | 5.3 | 4.1 | 6.1 |



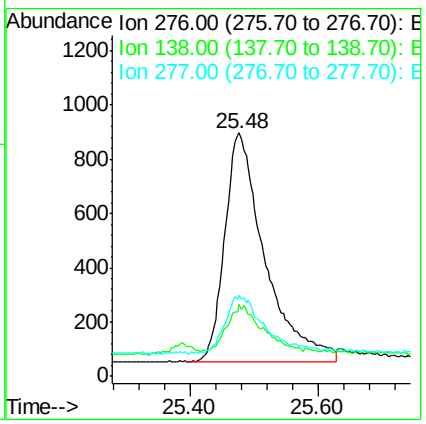


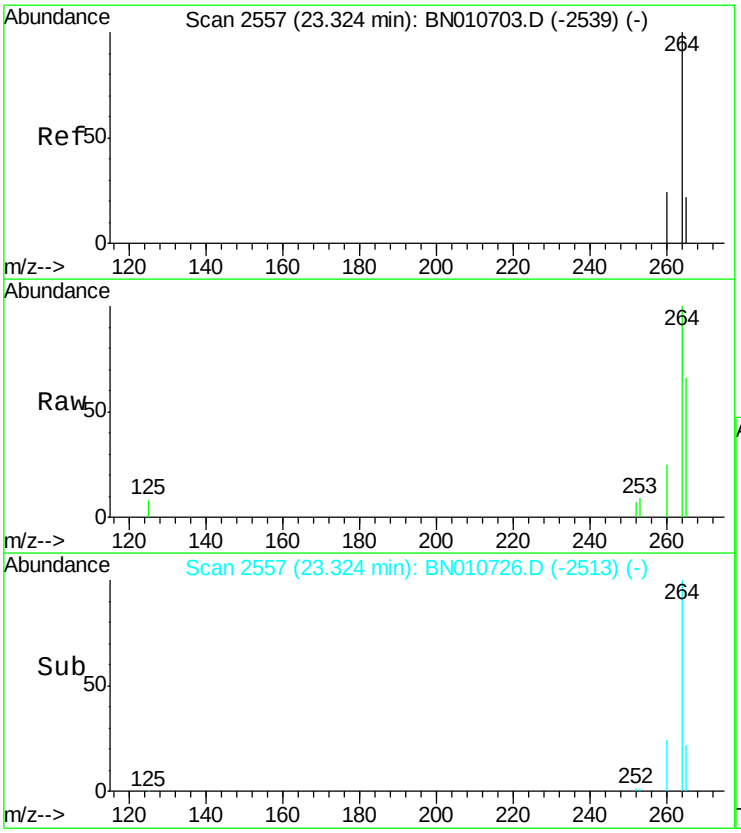

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.07 ng
RT: 25.48 min Scan# 3186
Delta R.T. 0.02 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:276 Resp: 3702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.4 | 15.1 | 22.7 |
| 277 | 22.9 | 19.4 | 29.0 |

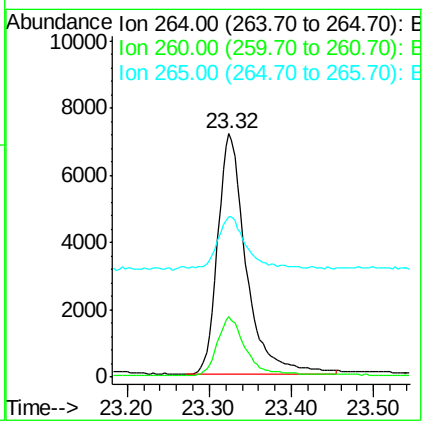


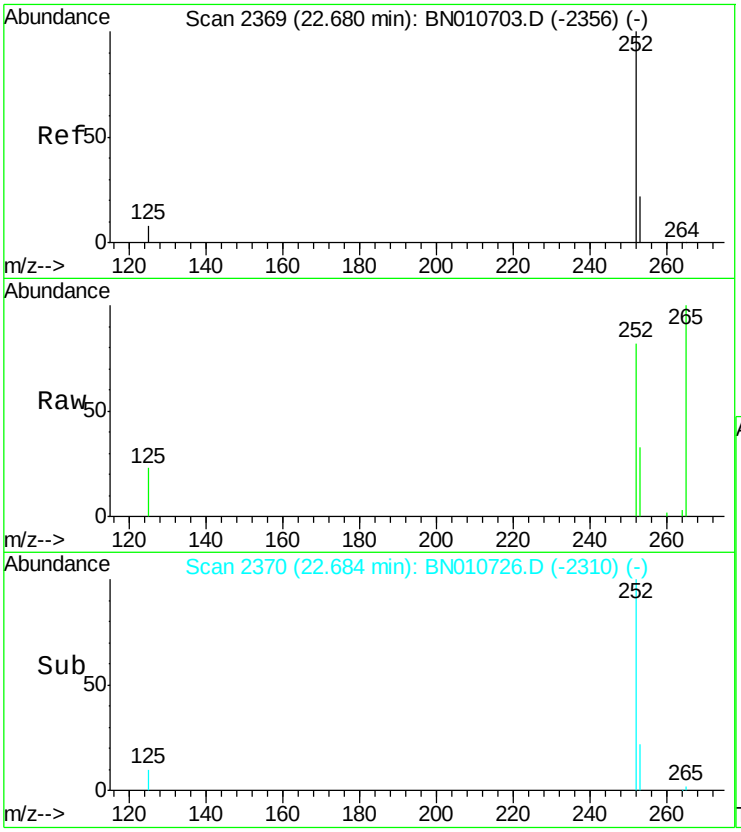




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.32 min Scan# 2557
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:264 Resp: 17135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 19.6 | 29.4 |
| 265 | 66.1 | 70.1 | 105.1# |



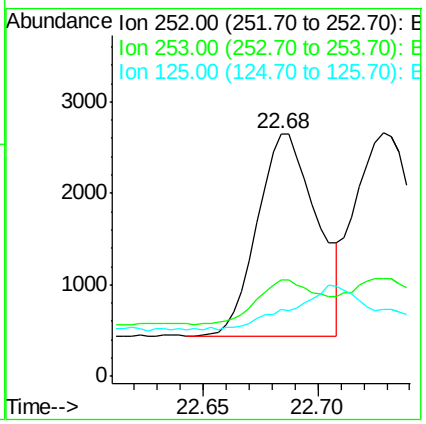


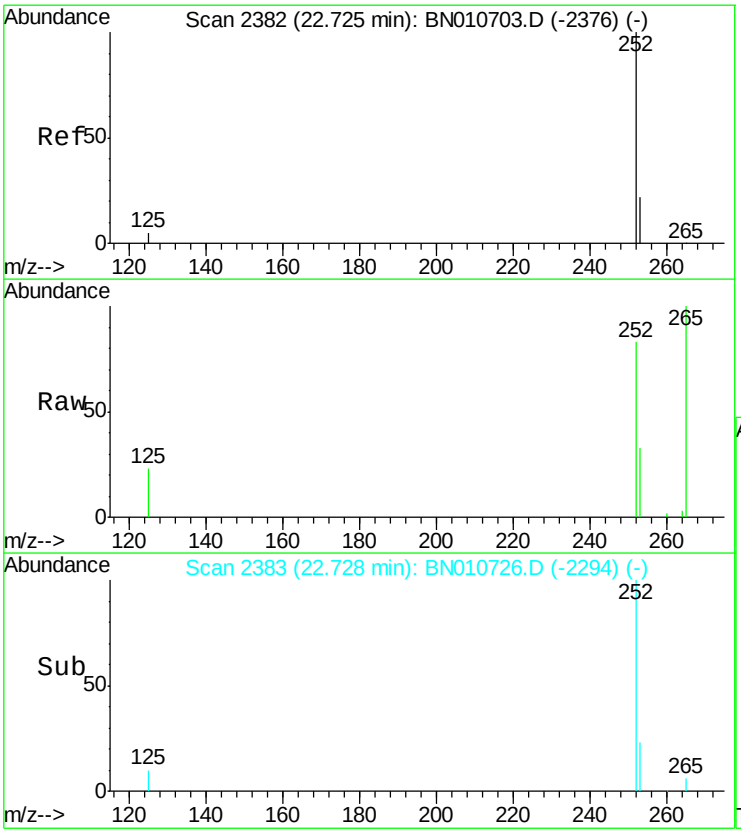

#35
Benzo(b)fluoranthene
Concen: 0.07 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:252 Resp: 4020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 39.9 | 22.0 | 33.0# |
| 125 | 27.4 | 10.8 | 16.2# |

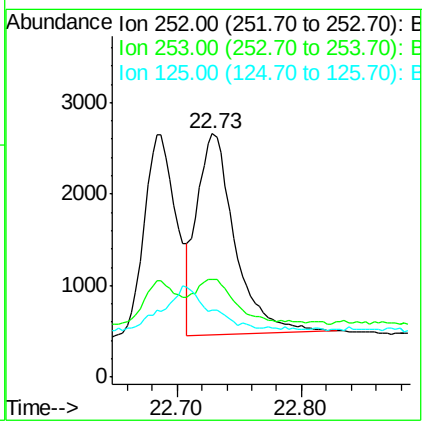


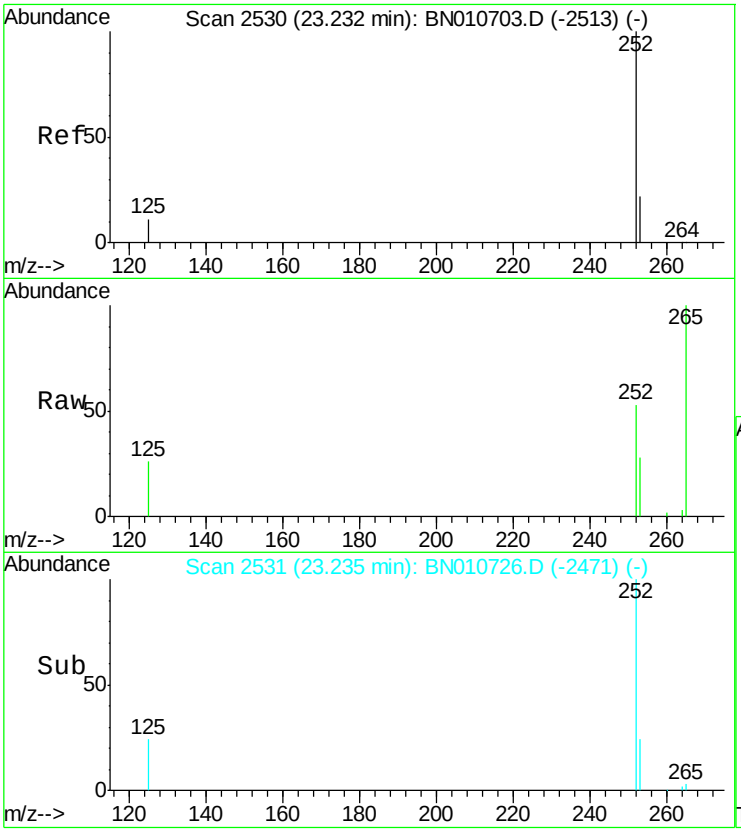




#36
Benzo(k)fluoranthene
Concen: 0.08 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:252 Resp: 4621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 40.4 | 21.9 | 32.9# |
| 125 | 27.7 | 11.1 | 16.7# |



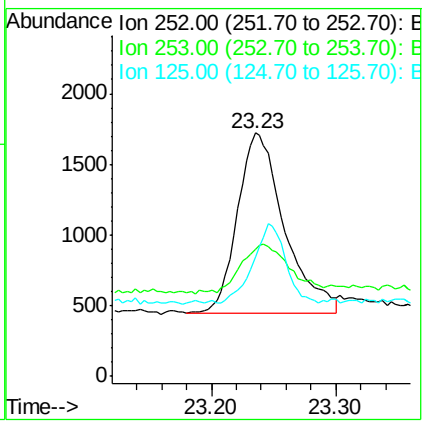


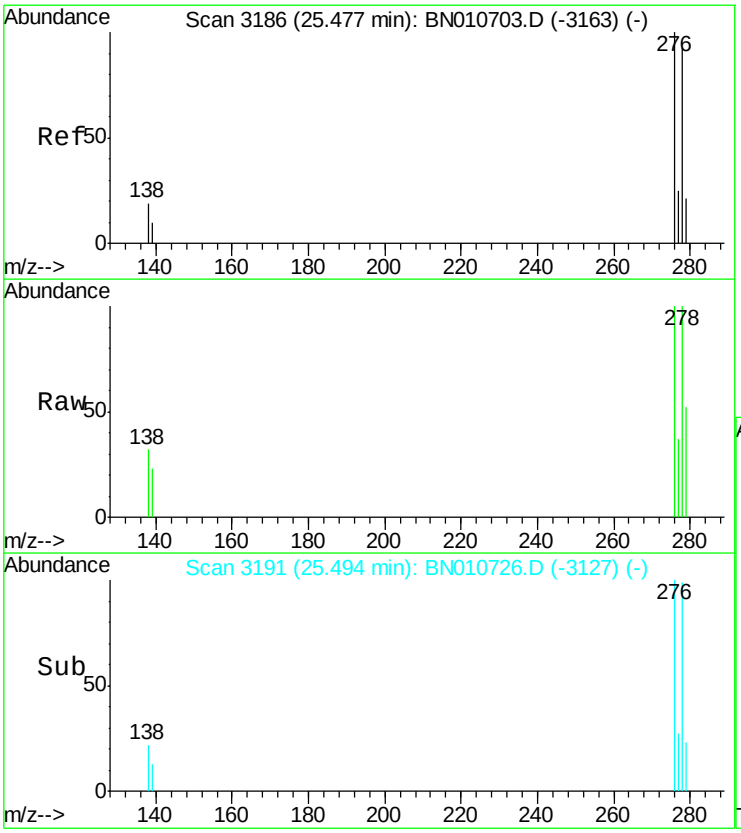

#37
Benzo(a)pyrene
Concen: 0.07 ng
RT: 23.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:252 Resp: 3322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 52.2 | 24.8 | 37.2# |
| 125 | 49.0 | 15.8 | 23.6# |

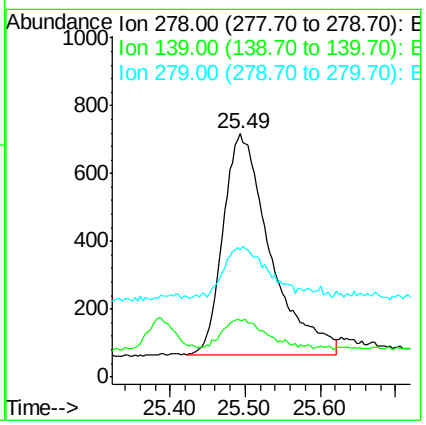


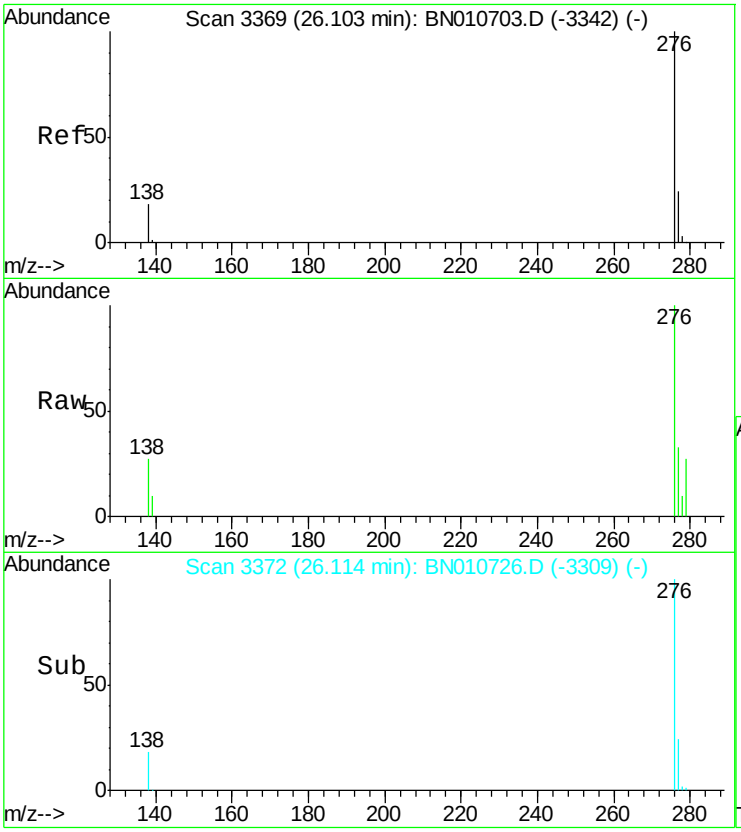




#38
Dibenzo(a,h)anthracene
Concen: 0.07 ng
RT: 25.49 min Scan# 3191
Delta R.T. 0.02 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

Tgt Ion:278 Resp: 2796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 23.4 | 13.0 | 19.4# |
| 279 | 52.4 | 25.1 | 37.7# |






#39
Benzo(g,h,i)perylene
Concen: 0.07 ng
RT: 26.11 min Scan# 3372
Delta R.T. 0.02 min
Lab File: BN010726.D
Acq: 15 May 2020 11:50

**Instrument :**
BNA_N
**ClientSampleId :**
MDL-SOIL-03-QT2-2020

Tgt Ion:276 Resp: 3454

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 32.9 | 20.6 | 30.8# |
| 138 | 26.6 | 16.0 | 24.0# |