Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
Data File : BN003182.D
Acq On : 17 Oct 2018 16:32
Operator : MJ/SJ
Sample : PB113776BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB113776BS

Quant Time: Oct 18 15:37:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 664 | 0.40 | ng | | 0.03 |
| 7) Naphthalene-d8 | 10.48 | 136 | 2956 | 0.40 | ng | | 0.05 |
| 13) Acenaphthene-d10 | 14.30 | 164 | 2021 | 0.40 | ng | | 0.02 |
| 19) Phenanthrene-d10 | 17.07 | 188 | 5591 | 0.40 | ng | | 0.02 |
| 27) Chrysene-d12 | 21.26 | 240 | 7655 | 0.40 | ng | | 0.01 |
| 34) Perylene-d12 | 23.48 | 264 | 8525 | 0.40 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 142 | 0.10 | ng | | 0.06 |
| 5) Phenol-d6 | 7.05 | 99 | 342 | 0.16 | ng | | 0.11 |
| 8) Nitrobenzene-d5 | 8.98 | 82 | 255 | 0.13 | ng | | 0.12 |
| 11) 2-Methylnaphthalene-d10 | 12.12 | 152 | 1524 | 0.30 | ng | | 0.08 |
| 14) 2,4,6-Tribromophenol | 15.87 | 330 | 278 | 0.22 | ng | | 0.04 |
| 15) 2-Fluorobiphenyl | 12.97 | 172 | 1737 | 0.22 | ng | | 0.04 |
| 25) Fluoranthene-d10 | 19.10 | 212 | 4097 | 0.24 | ng | | 0.02 |
| 29) Terphenyl-d14 | 19.70 | 244 | 3069 | 0.19 | ng | | 0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 428 | 0.450 | ng | # | 50 |
| 3) n-Nitrosodimethylamine | 3.59 | 42 | 70 | 0.281 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.19 | 93 | 553 | 0.315 | ng | # | 31 |
| 9) Naphthalene | 10.54 | 128 | 1758 | 0.239 | ng | # | 74 |
| 10) Hexachlorobutadiene | 10.73 | 225 | 313 | 0.217 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 12.19 | 142 | 1147 | 0.228 | ng | | 92 |
| 16) Acenaphthylene | 14.04 | 152 | 2064 | 0.225 | ng | | 99 |
| 17) Acenaphthene | 14.37 | 154 | 1400 | 0.229 | ng | | 98 |
| 18) Fluorene | 15.38 | 166 | 1889 | 0.237 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.26 | 248 | 554 | 0.177 | ng | # | 91 |
| 21) Hexachlorobenzene | 16.38 | 284 | 681 | 0.198 | ng | | 99 |
| 22) Pentachlorophenol | 16.80 | 266 | 136 | 0.256 | ng | | 86 |
| 23) Phenanthrene | 17.11 | 178 | 3333 | 0.228 | ng | | 99 |
| 24) Anthracene | 17.23 | 178 | 3017 | 0.225 | ng | | 99 |
| 26) Fluoranthene | 19.13 | 202 | 4729 | 0.252 | ng | | 99 |
| 28) Pyrene | 19.49 | 202 | 4856 | 0.227 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.25 | 228 | 4410 | 0.214 | ng | | 98 |
| 31) Chrysene | 21.29 | 228 | 6051 | 0.257 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.13 | 149 | 2654 | 0.218 | ng | # | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.74 | 276 | 7040 | 0.253 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.82 | 252 | 5343 | 0.232 | ng | # | 95 |
| 36) Benzo(k)fluoranthene | 22.87 | 252 | 6801 | 0.250 | ng | # | 94 |
| 37) Benzo(a)pyrene | 23.40 | 252 | 5917 | 0.249 | ng | # | 91 |
| 38) Dibenzo(a,h)anthracene | 25.74 | 278 | 5855 | 0.241 | ng | # | 96 |
| 39) Benzo(g,h,i)perylene | 26.41 | 276 | 6156 | 0.251 | ng | # | 95 |

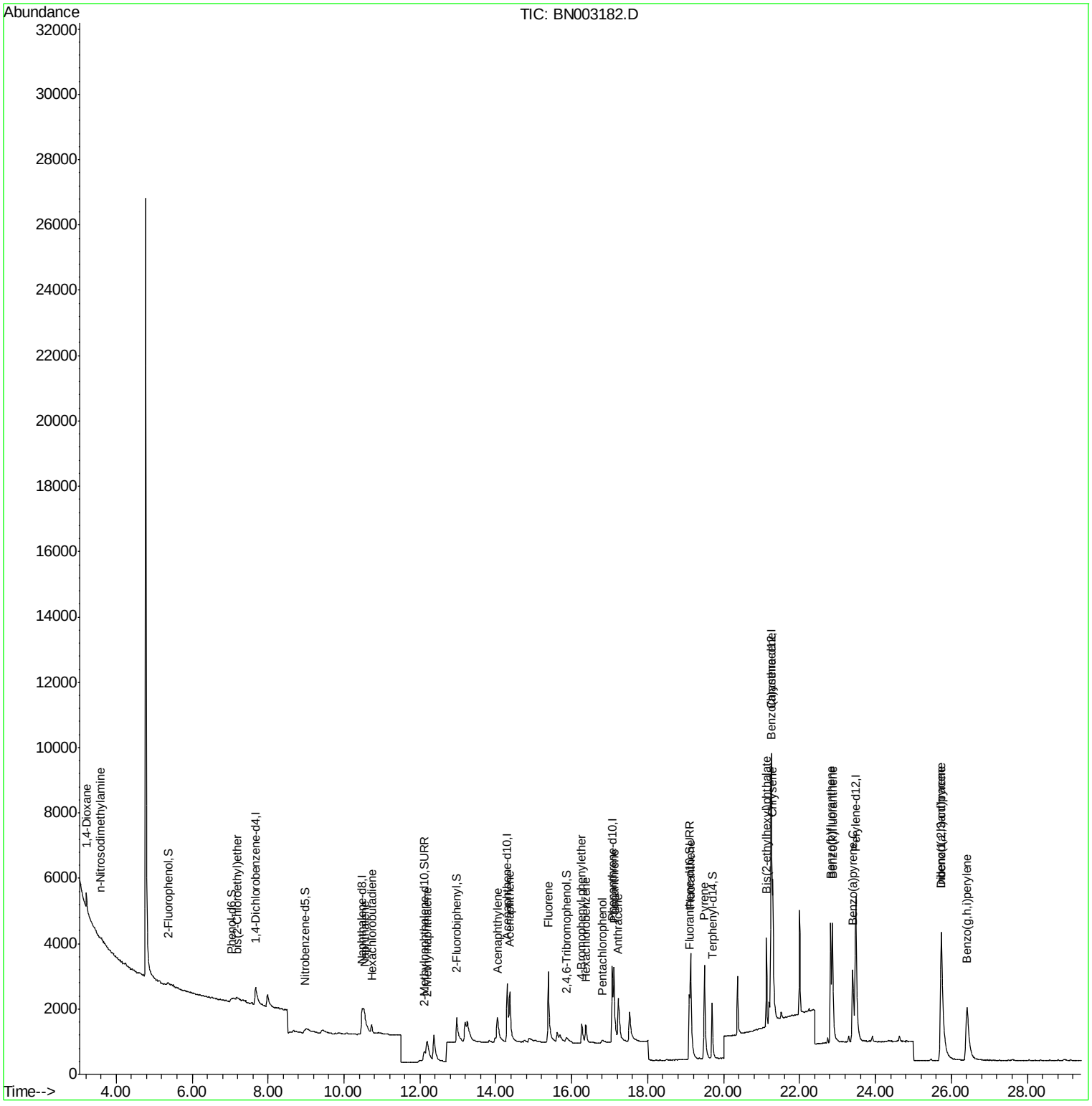
(#) = qualifier out of range (m) = manual integration (+) = signals summed

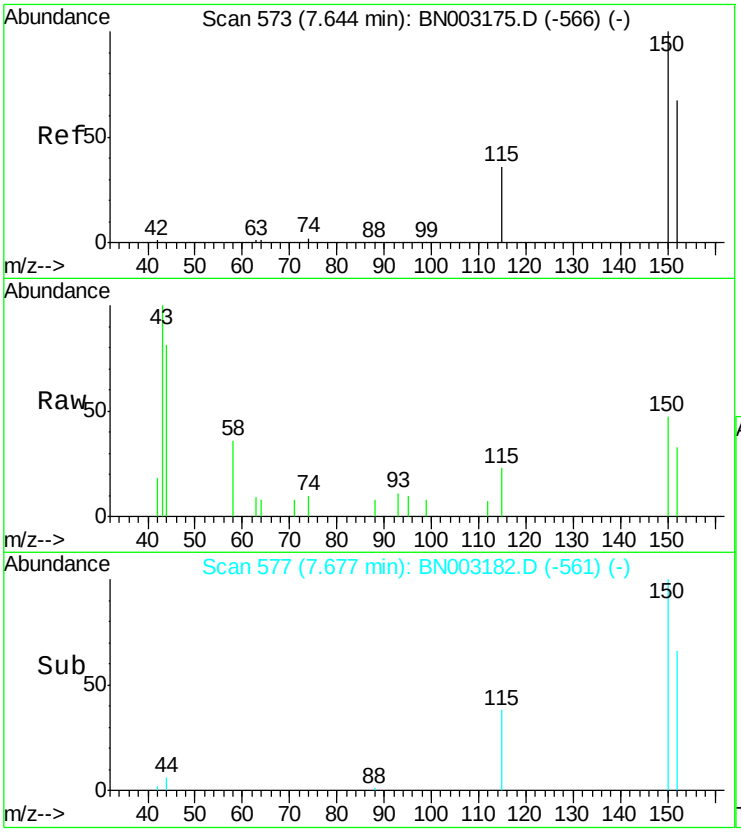
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
Data File : BN003182.D
Acq On : 17 Oct 2018 16:32
Operator : MJ/SJ
Sample : PB113776BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Quant Time: Oct 18 15:37:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration



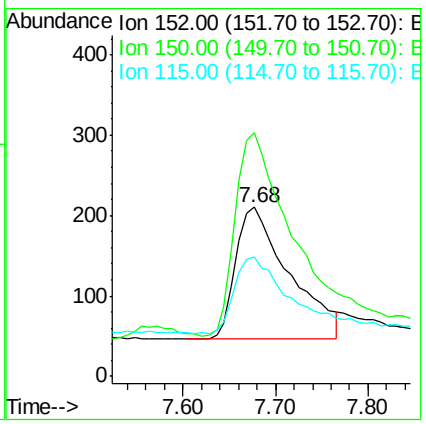


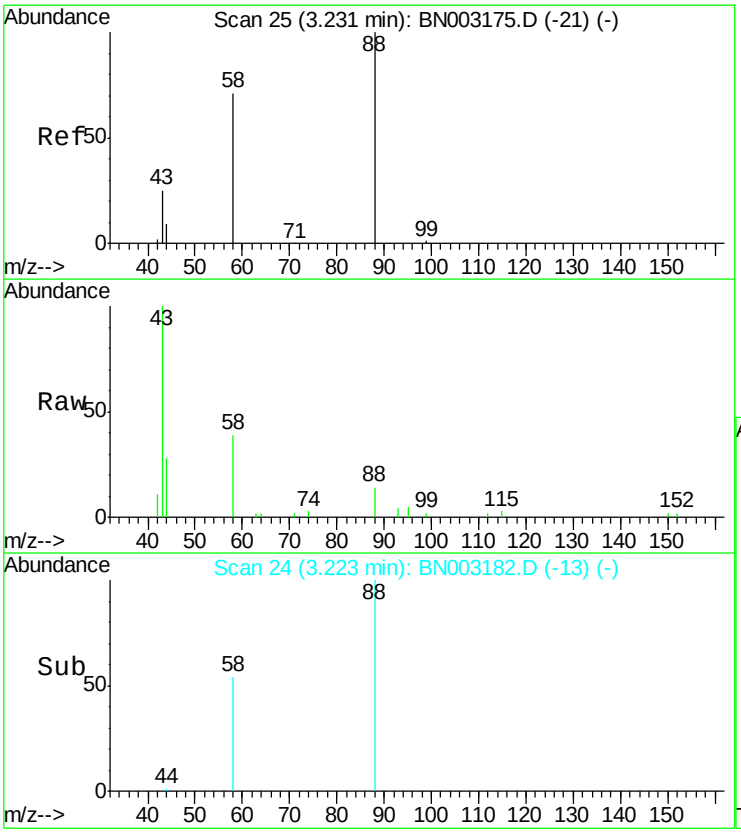

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.03 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:152 Resp: 664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.3 | 126.2 | 189.4 |
| 115 | 70.5 | 49.8 | 74.6 |

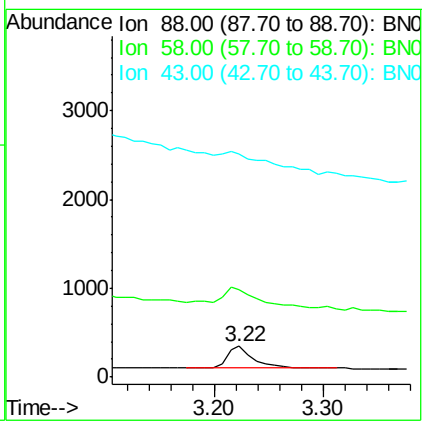


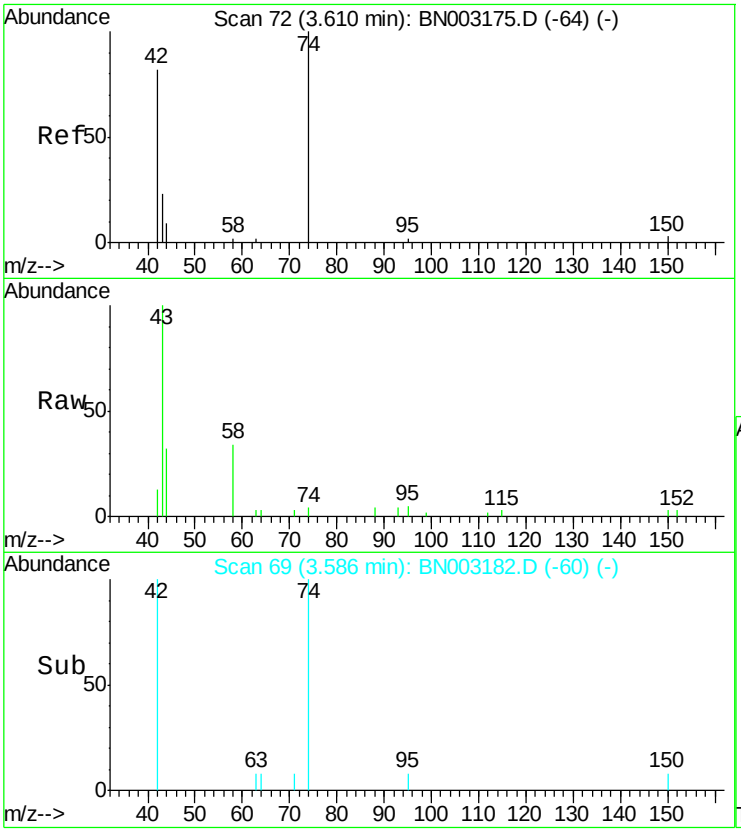




#2
1,4-Dioxane
Concen: 0.450 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion: 88 Resp: 428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 126.2 | 66.7 | 100.1# |
| 43 | 0.0 | 24.6 | 37.0# |



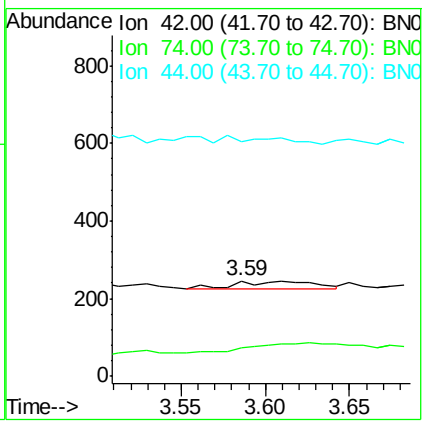


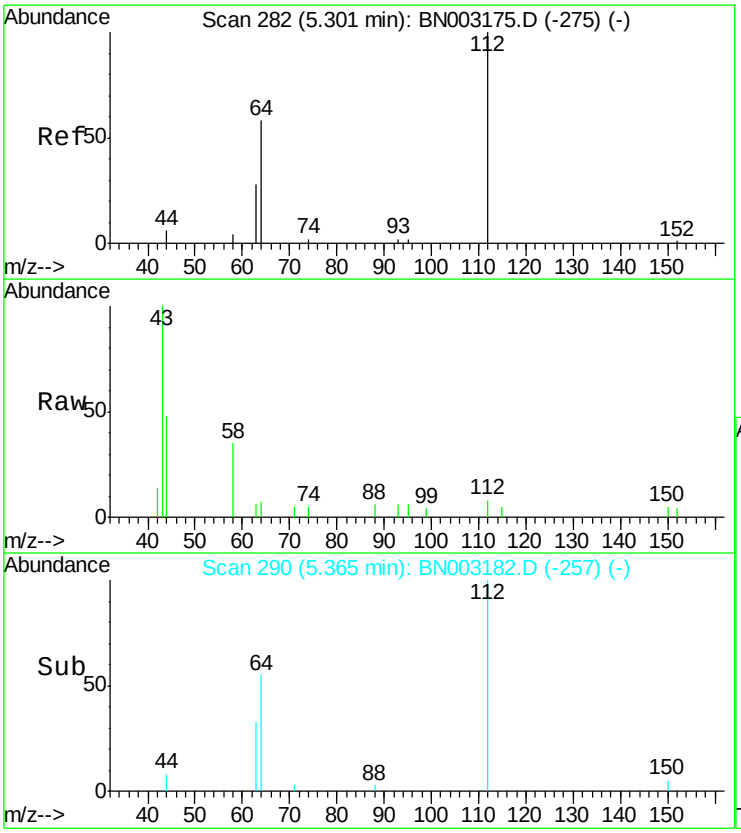

#3
n-Nitrosodimethylamine
Concen: 0.281 ng
RT: 3.59 min Scan# 69
Delta R.T. -0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion: 42 Resp: 70

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 102.9 | 154.3# |
| 44 | 0.0 | 0.0 | 0.0 |

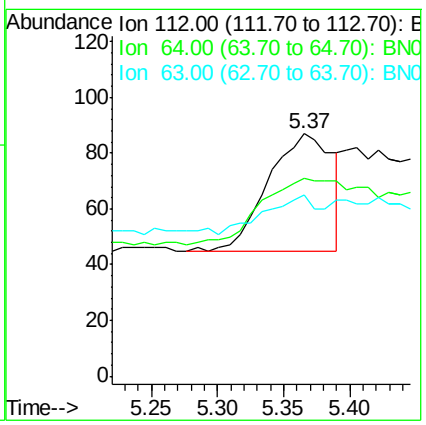


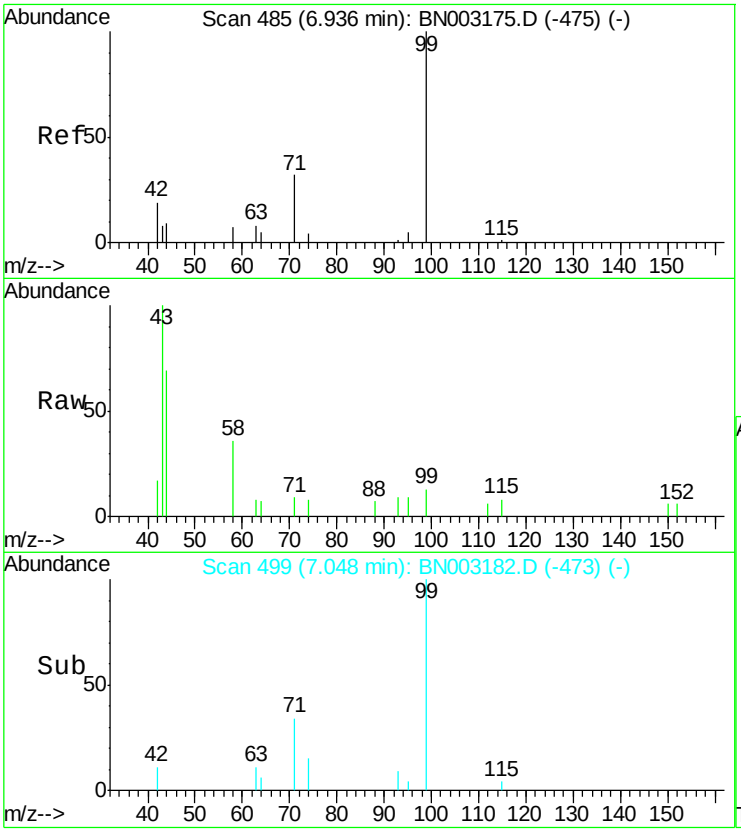




#4
2-Fluorophenol
Concen: 0.097 ng
RT: 5.37 min Scan# 290
Delta R.T. 0.06 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:112 Resp: 142

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 104.9 | 49.0 | 73.4# |
| 63 | 24.6 | 25.9 | 38.9# |



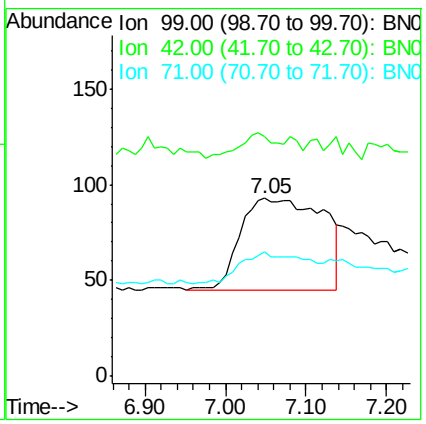


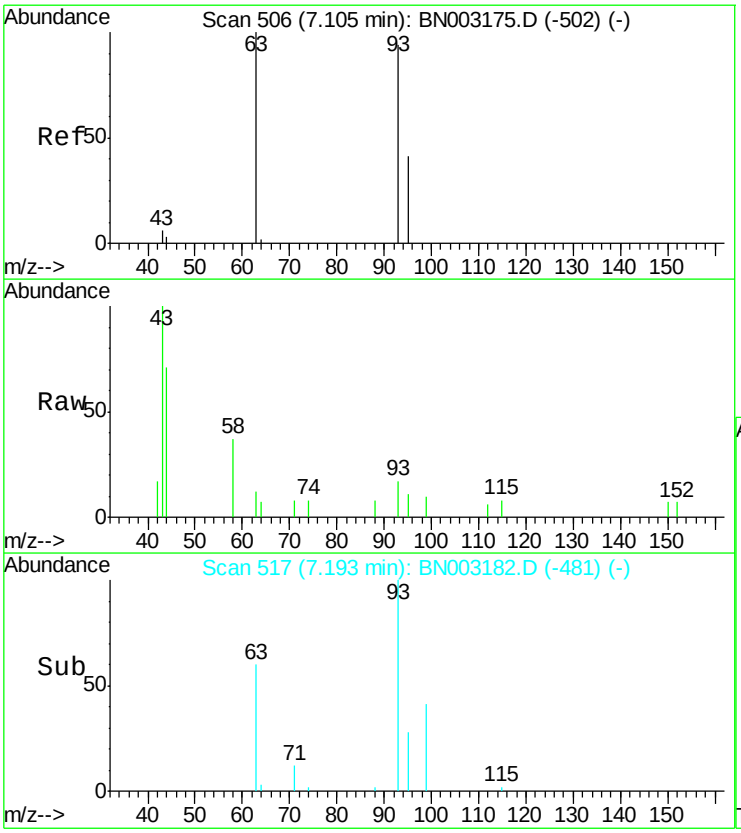

#5
Phenol-d6
Concen: 0.164 ng
RT: 7.05 min Scan# 499
Delta R.T. 0.11 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion: 99 Resp: 342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 12.0 | 15.4 | 23.2# |
| 71 | 26.9 | 26.0 | 39.0 |

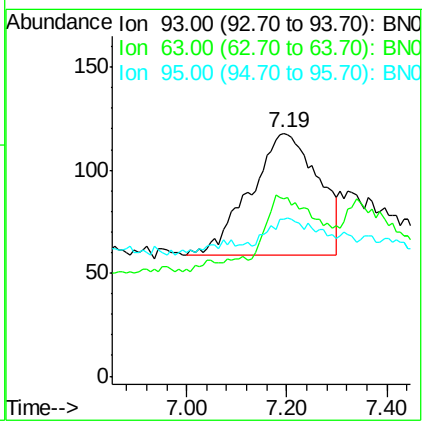


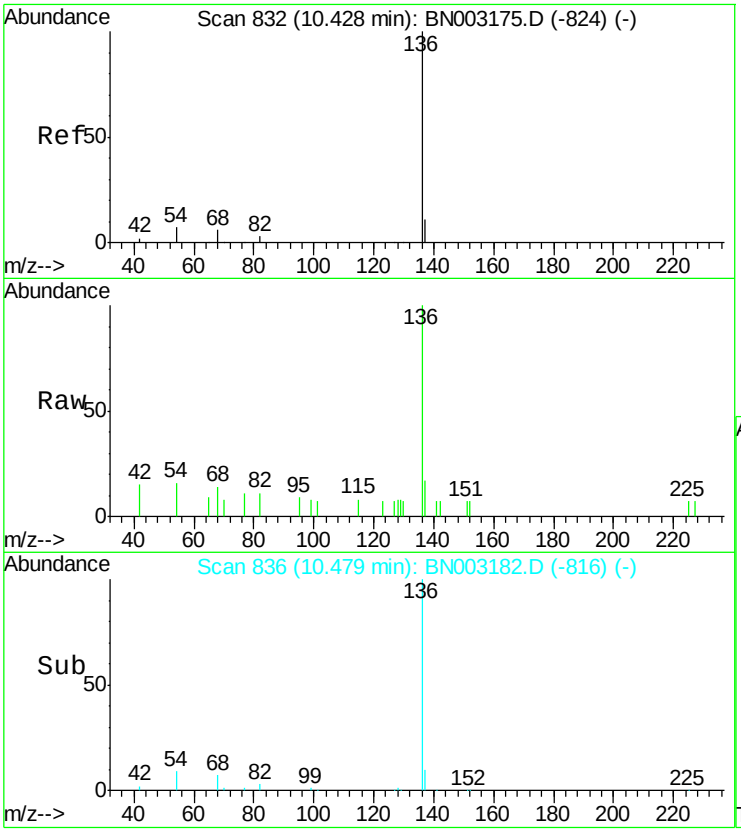




#6
bis(2-Chloroethyl)ether
Concen: 0.315 ng
RT: 7.19 min Scan# 517
Delta R.T. 0.09 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion: 93 Resp: 553

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 0.0 | 54.2 | 81.4# |
| 95 | 10.7 | 24.9 | 37.3# |



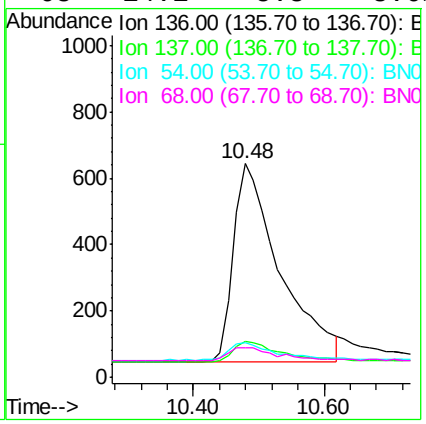


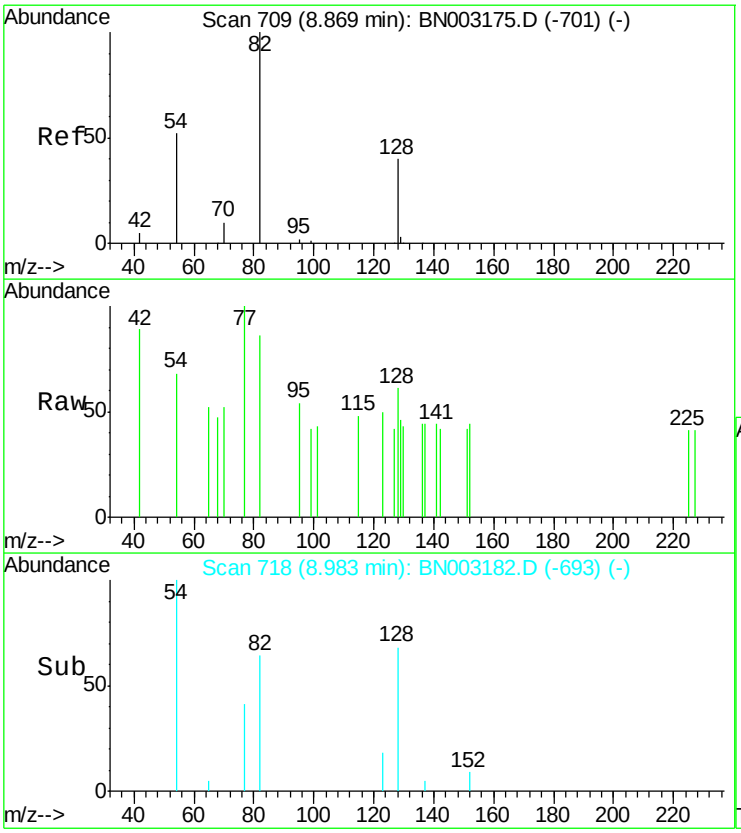

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. 0.05 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:136 Resp: 2956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 16.6 | 9.4 | 14.0# |
| 54 | 16.3 | 7.4 | 11.0# |
| 68 | 14.1 | 5.8 | 8.6# |

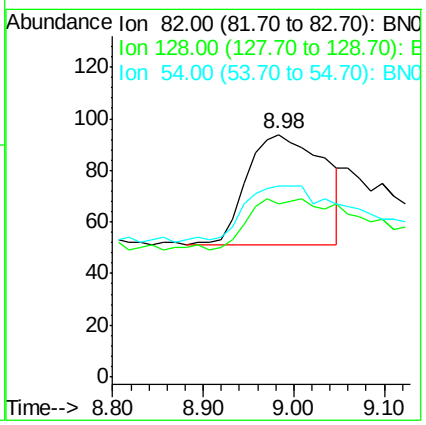


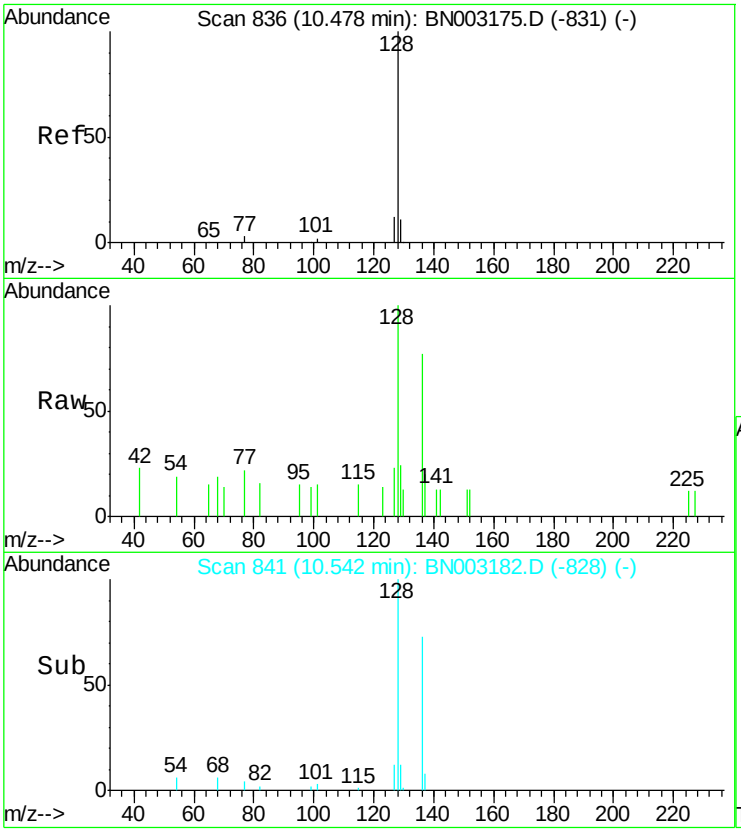




#8
Nitrobenzene-d5
Concen: 0.134 ng
RT: 8.98 min Scan# 718
Delta R.T. 0.12 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion: 82 Resp: 255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 71.3 | 38.2 | 57.4# |
| 54 | 78.7 | 44.1 | 66.1# |



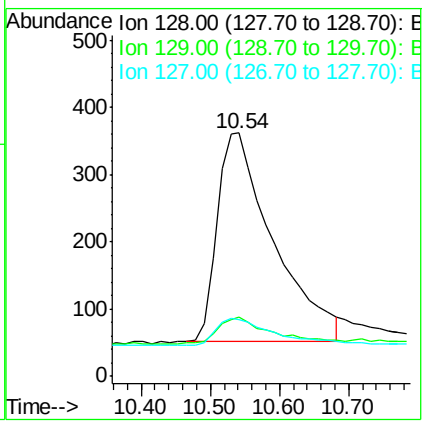


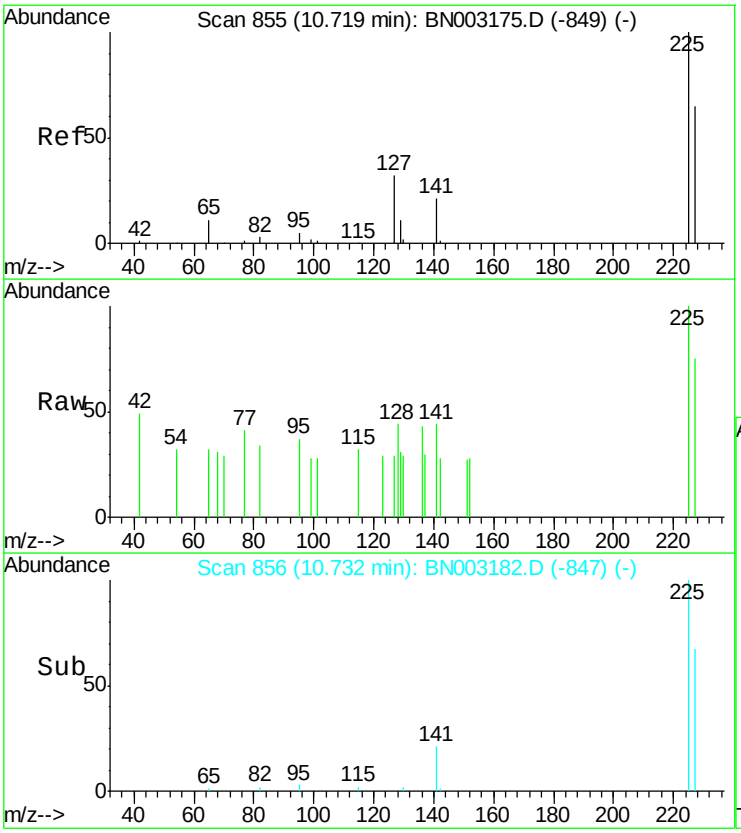

#9
Naphthalene
Concen: 0.239 ng
RT: 10.54 min Scan# 841
Delta R.T. 0.06 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:128 Resp: 1758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 24.3 | 9.8 | 14.6# |
| 127 | 23.2 | 11.4 | 17.2# |

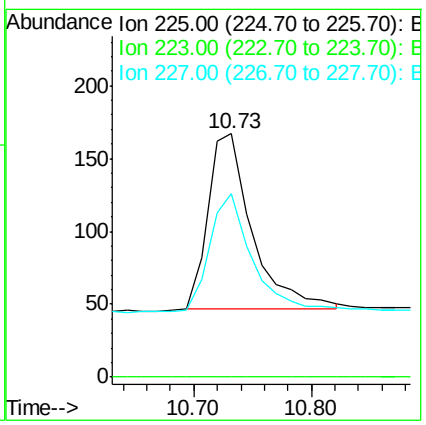


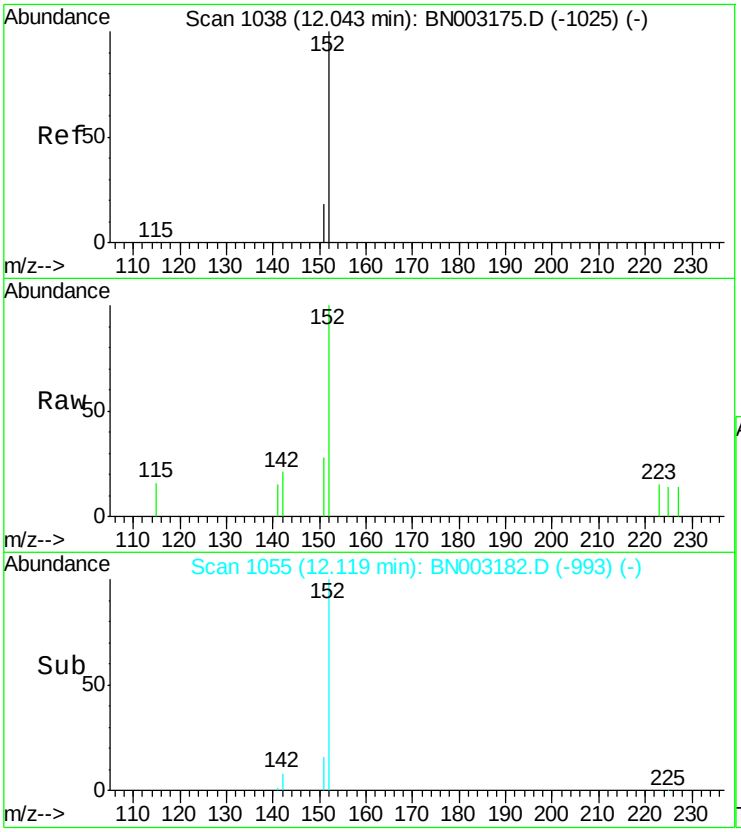




#10
Hexachlorobutadiene
Concen: 0.217 ng
RT: 10.73 min Scan# 856
Delta R.T. 0.01 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:225 Resp: 313

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 62.3 | 51.8 | 77.8 |



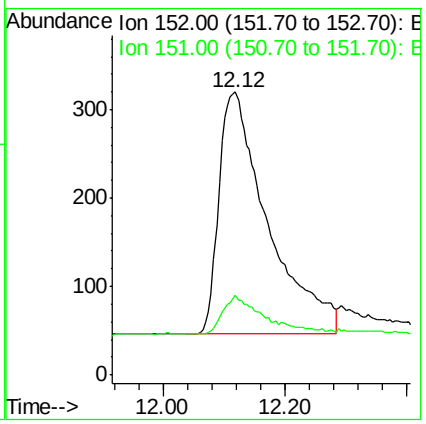


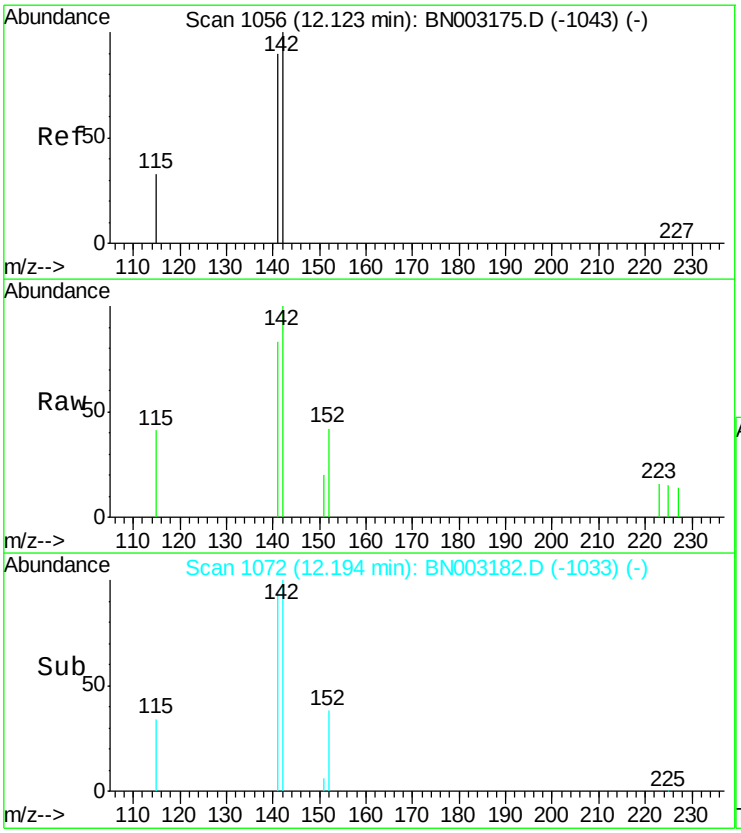

#11
2-Methylnaphthalene-d10
Concen: 0.305 ng
RT: 12.12 min Scan# 1055
Delta R.T. 0.08 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:152 Resp: 1524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 13.4 | 15.0 | 22.4# |

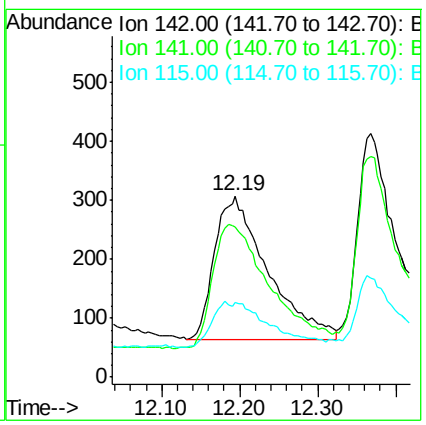


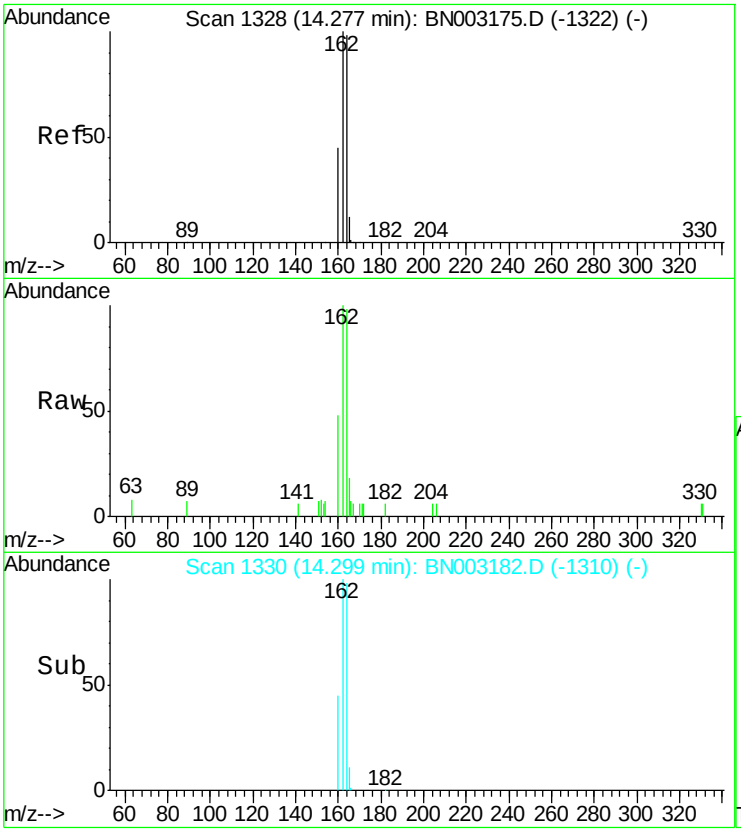




#12
2-Methylnaphthalene
Concen: 0.228 ng
RT: 12.19 min Scan# 1072
Delta R.T. 0.07 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:142 Resp: 1147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 82.7 | 71.5 | 107.3 |
| 115 | 41.0 | 28.1 | 42.1 |



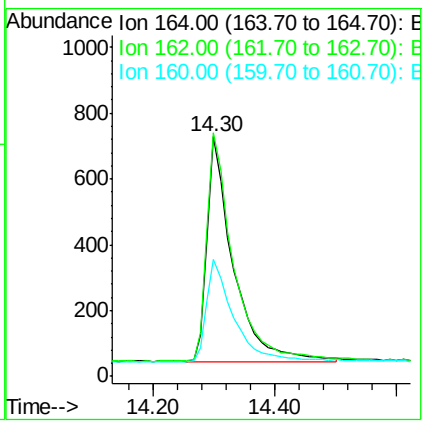


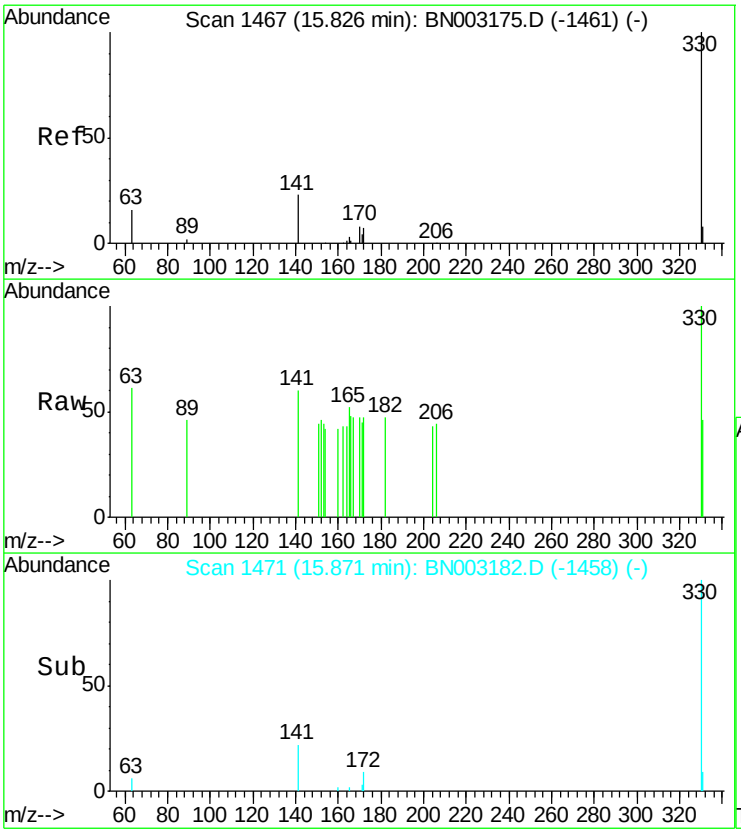

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:164 Resp: 2021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.6 | 81.7 | 122.5 |
| 160 | 48.9 | 36.3 | 54.5 |

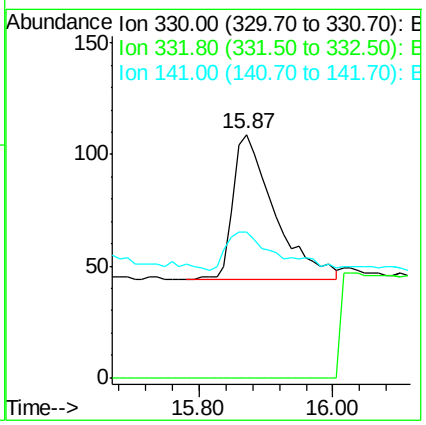


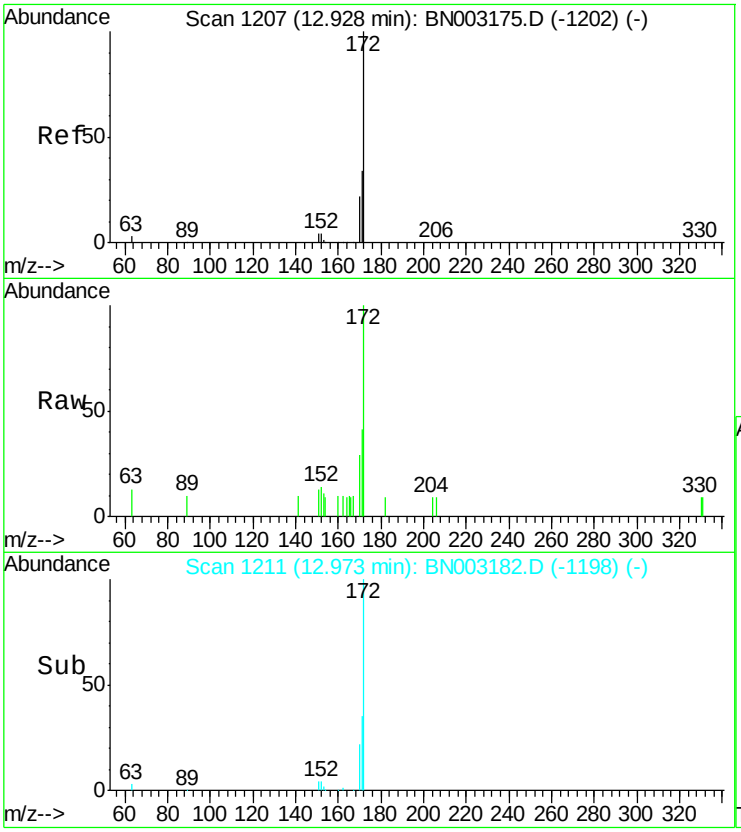




#14
2,4,6-Tribromophenol
Concen: 0.216 ng
RT: 15.87 min Scan# 1471
Delta R.T. 0.04 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:330 Resp: 278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 32.4 | 22.6 | 33.8 |



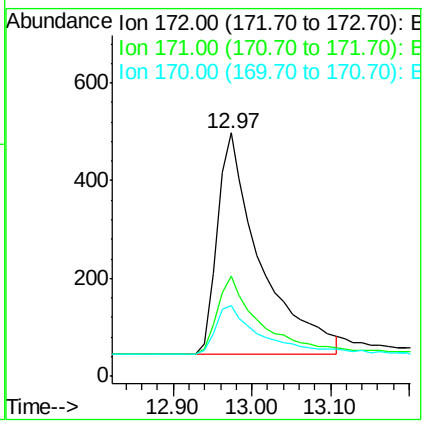


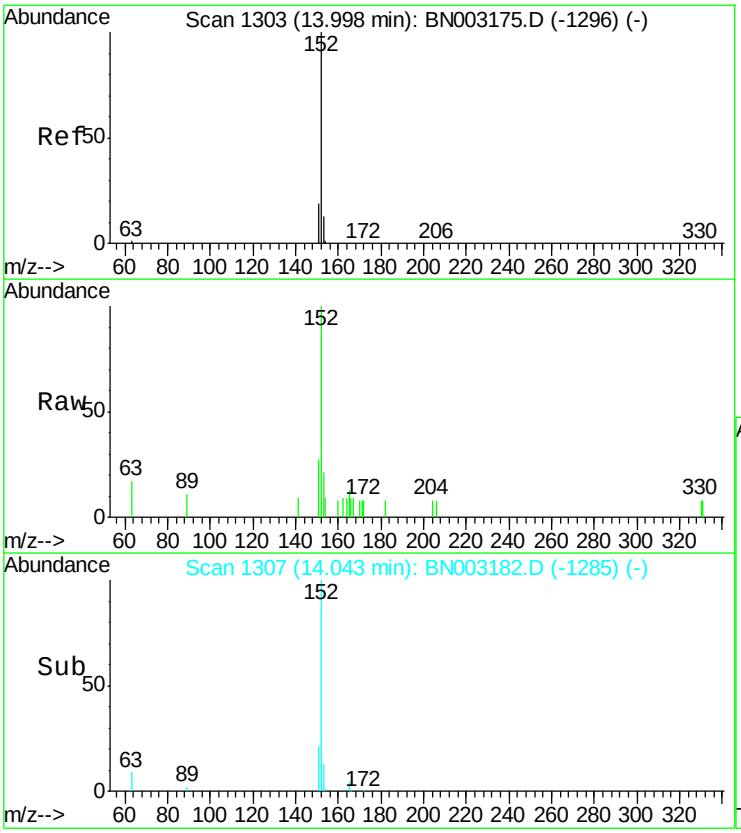

#15
2-Fluorobiphenyl
Concen: 0.218 ng
RT: 12.97 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:172 Resp: 1737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 41.0 | 28.6 | 43.0 |
| 170 | 29.1 | 18.6 | 27.8# |

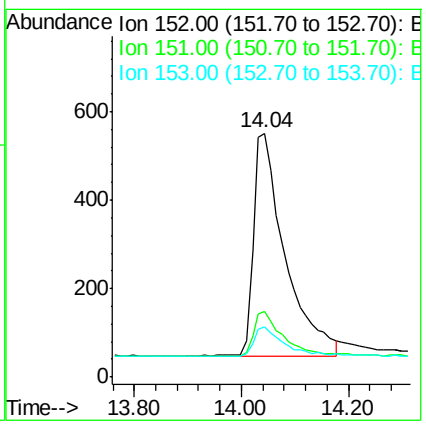


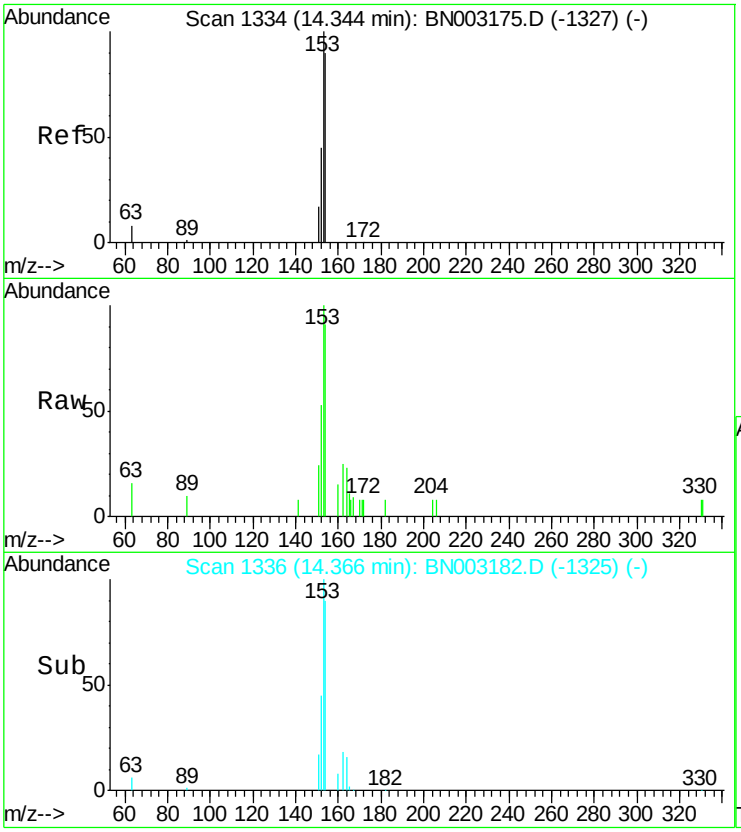




#16
Acenaphthylene
Concen: 0.225 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.04 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:152 Resp: 2064

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.7 | 23.5 |
| 153 | 12.8 | 10.6 | 16.0 |



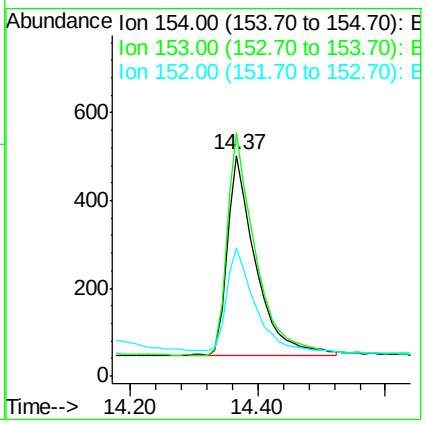


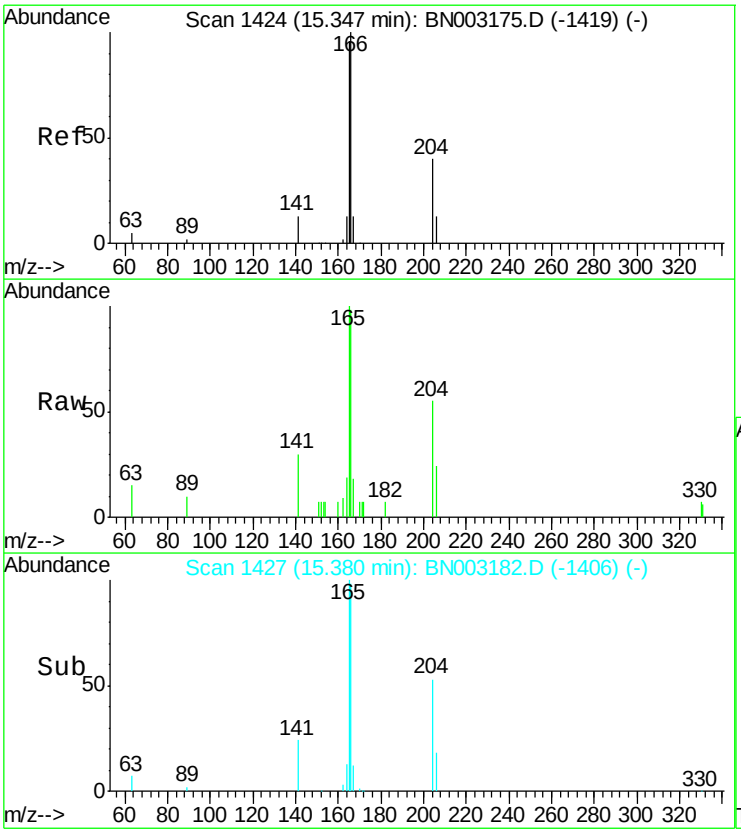

#17
Acenaphthene
Concen: 0.229 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:154 Resp: 1400

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.4 | 91.0 | 136.4 |
| 152 | 51.2 | 43.8 | 65.6 |

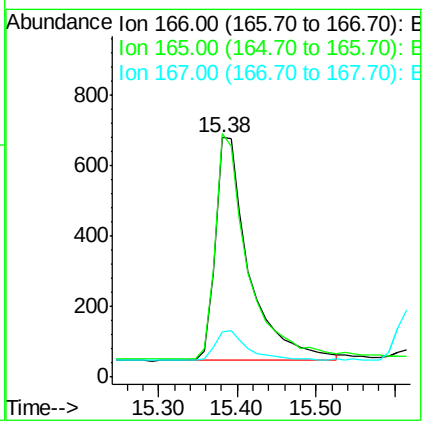


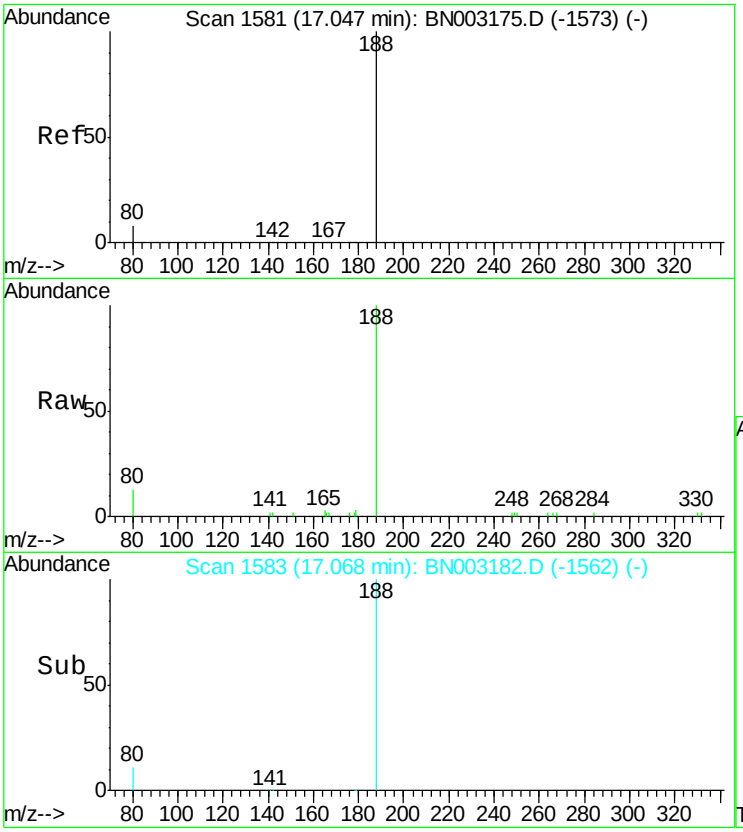




#18
Fluorene
Concen: 0.237 ng
RT: 15.38 min Scan# 1427
Delta R.T. 0.03 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:166 Resp: 1889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.8 | 78.2 | 117.2 |
| 167 | 13.3 | 10.7 | 16.1 |



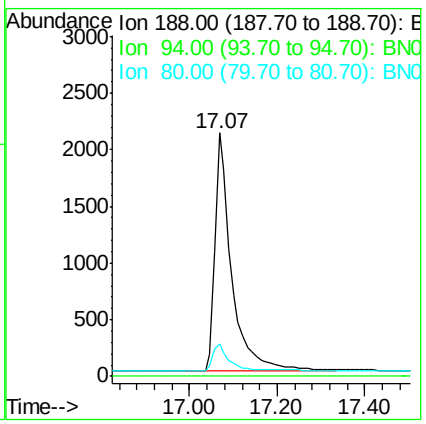


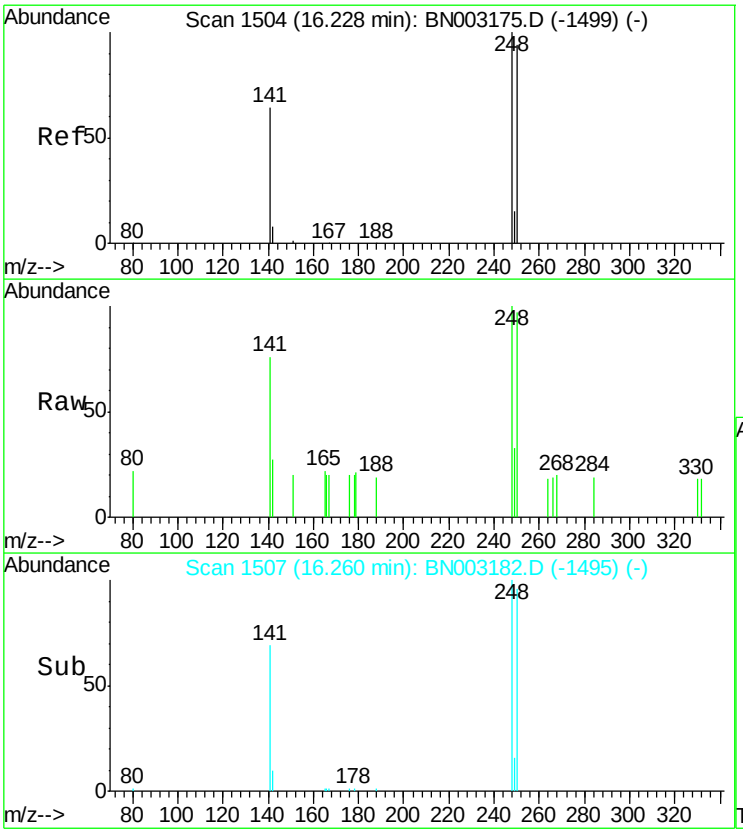

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:188 Resp: 5591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 13.5 | 6.7 | 10.1# |

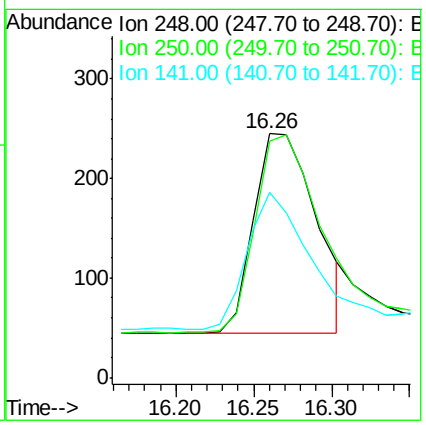


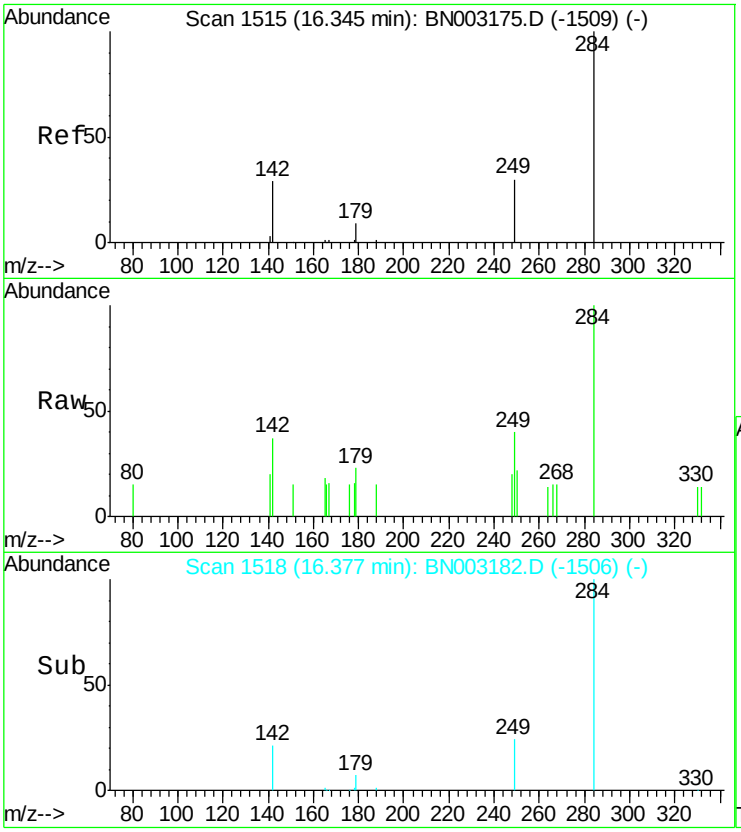




#20
4-Bromophenyl-phenylether
Concen: 0.177 ng
RT: 16.26 min Scan# 1507
Delta R.T. 0.03 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:248 Resp: 554

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.7 | 78.9 | 118.3 |
| 141 | 75.9 | 48.5 | 72.7# |



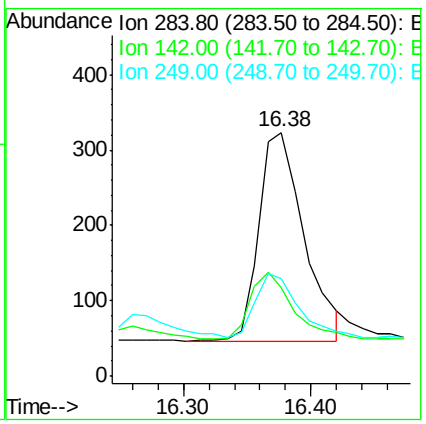


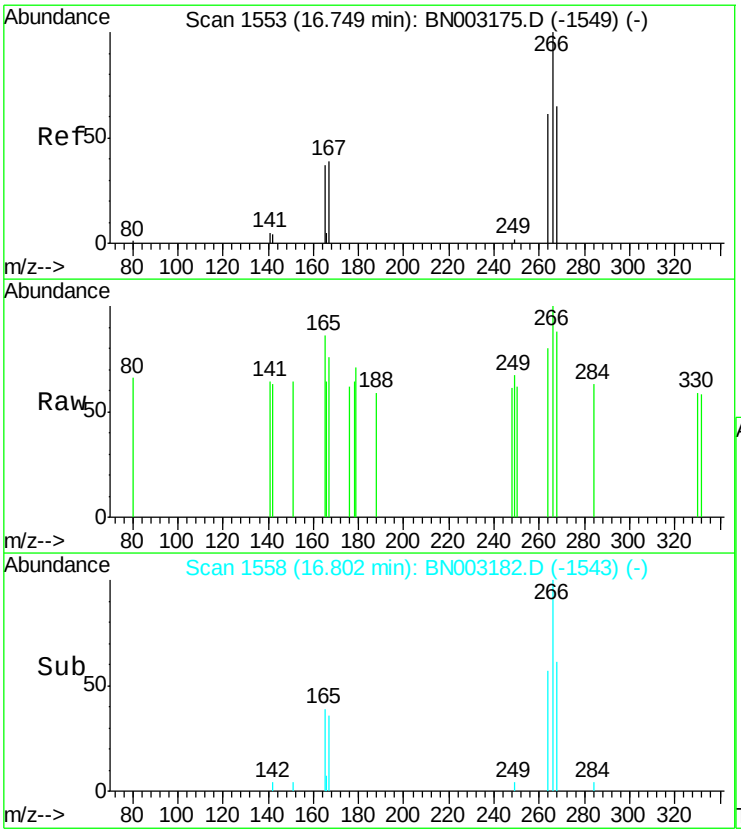

#21
Hexachlorobenzene
Concen: 0.198 ng
RT: 16.38 min Scan# 1518
Delta R.T. 0.03 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:284 Resp: 681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 30.1 | 24.6 | 37.0 |
| 249 | 28.2 | 22.3 | 33.5 |

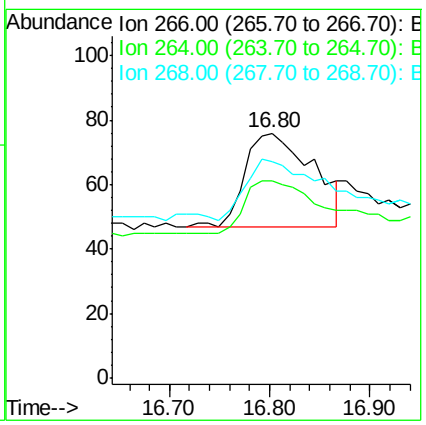


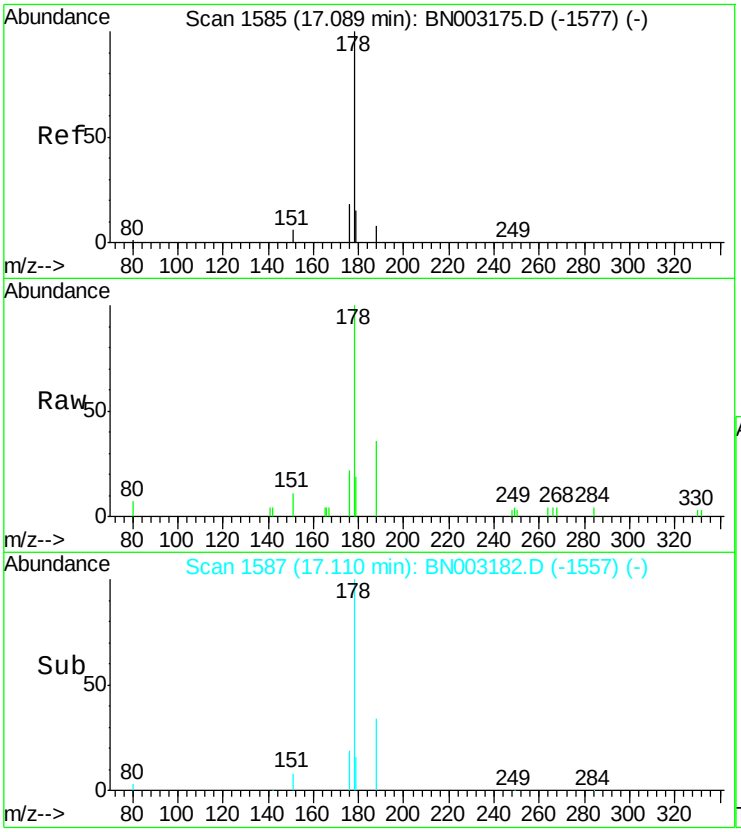




#22
Pentachlorophenol
Concen: 0.256 ng
RT: 16.80 min Scan# 1558
Delta R.T. 0.05 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:266 Resp: 136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 80.3 | 55.0 | 82.4 |
| 268 | 88.2 | 60.6 | 91.0 |



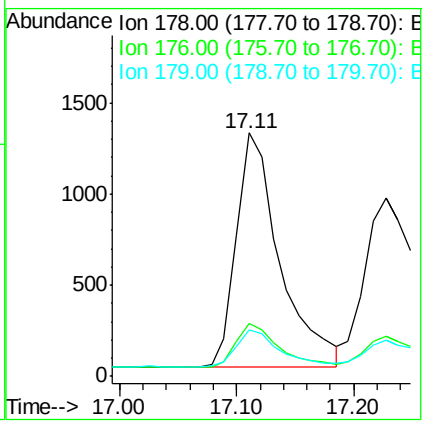


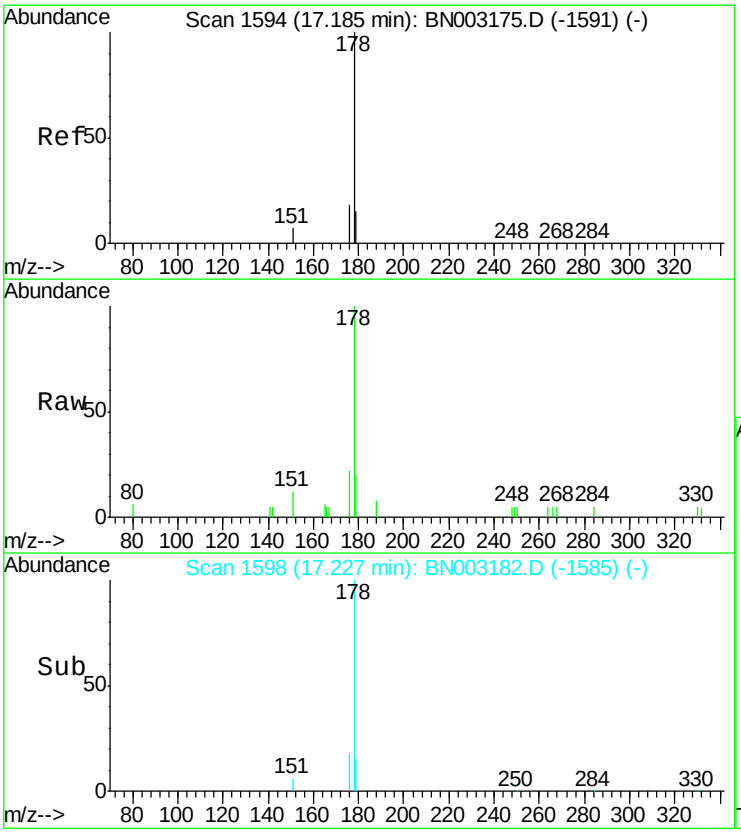

#23
Phenanthrene
Concen: 0.228 ng
RT: 17.11 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:178 Resp: 3333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 14.9 | 22.3 |
| 179 | 15.9 | 12.3 | 18.5 |

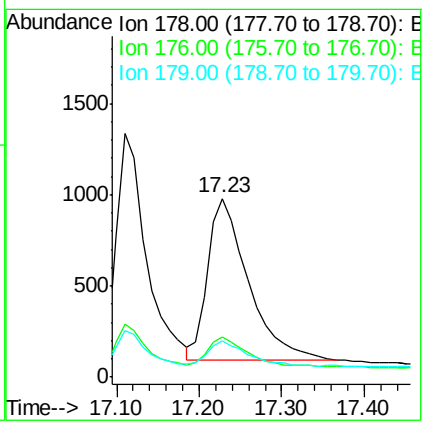


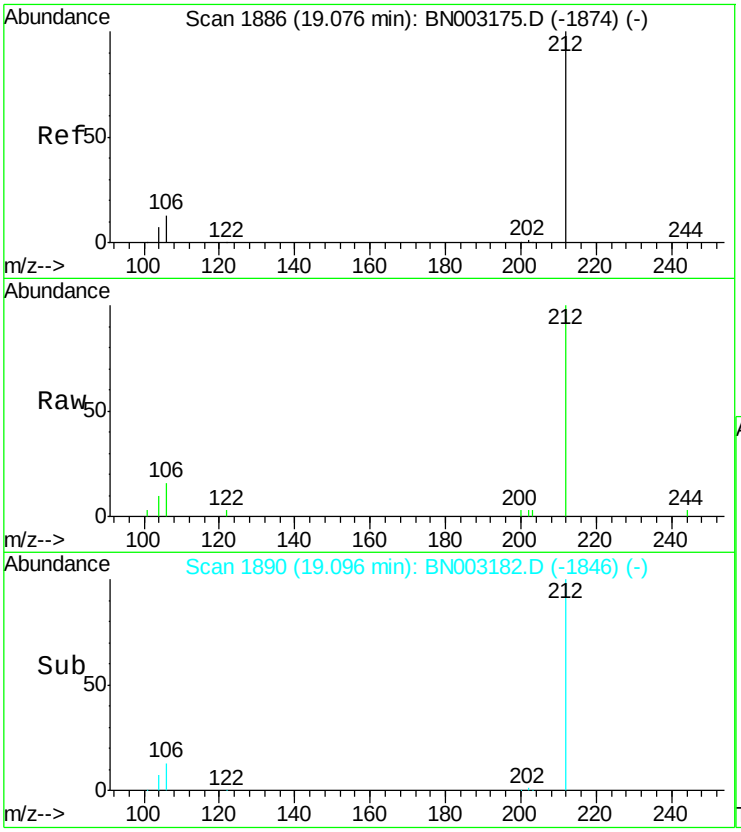




#24
Anthracene
Concen: 0.225 ng
RT: 17.23 min Scan# 1598
Delta R.T. 0.04 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:178 Resp: 3017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.1 | 14.6 | 22.0 |
| 179 | 14.7 | 12.3 | 18.5 |



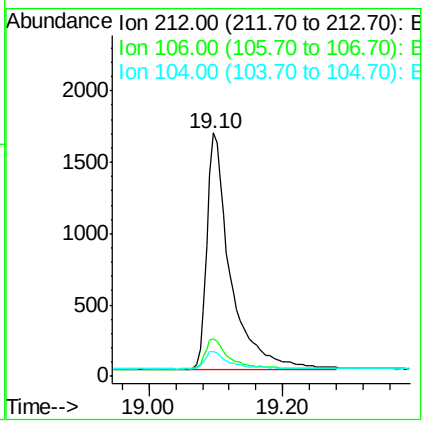


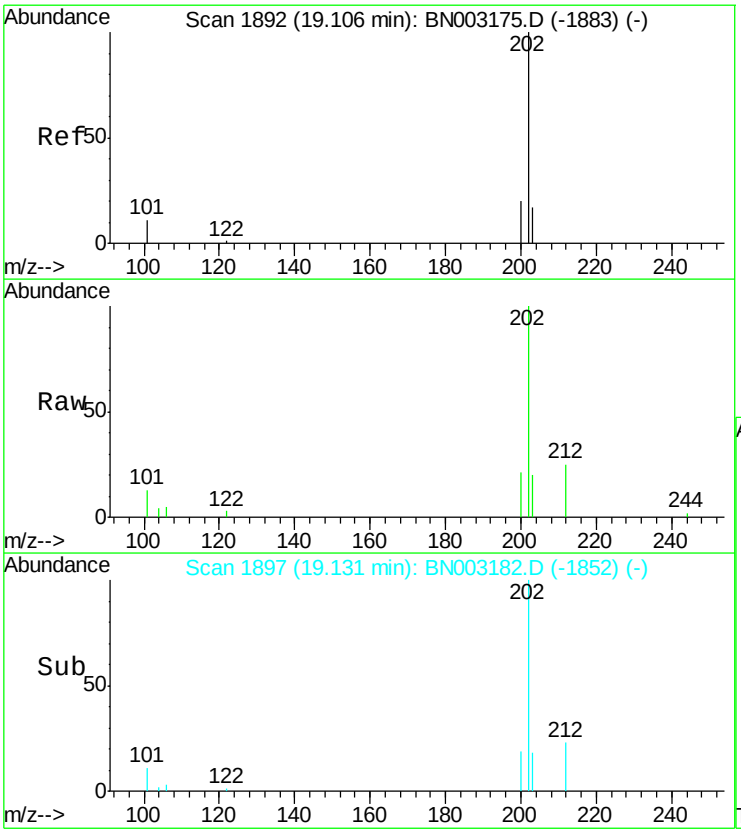

#25
Fluoranthene-d10
Concen: 0.236 ng
RT: 19.10 min Scan# 1890
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:212 Resp: 4097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.0 | 10.2 | 15.4 |
| 104 | 7.3 | 5.8 | 8.6 |

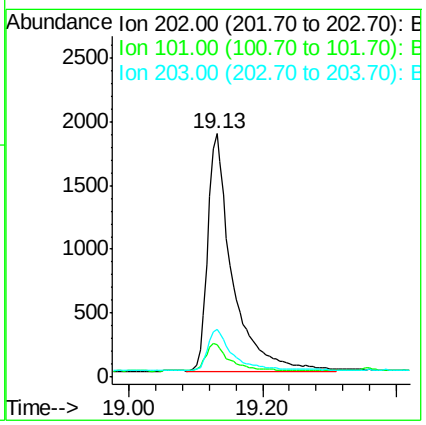


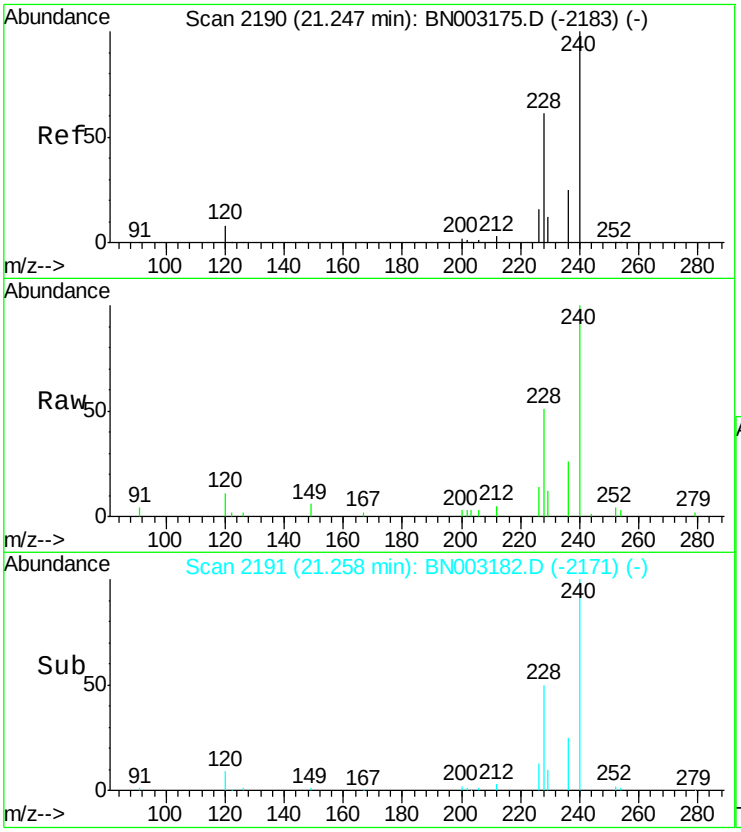




#26
Fluoranthene
Concen: 0.252 ng
RT: 19.13 min Scan# 1897
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:202 Resp: 4729

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.2 | 8.6 | 12.8 |
| 203 | 17.0 | 13.7 | 20.5 |



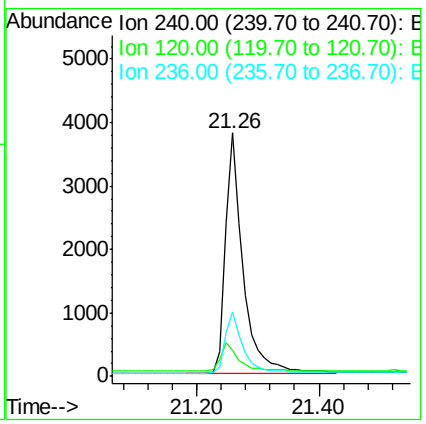


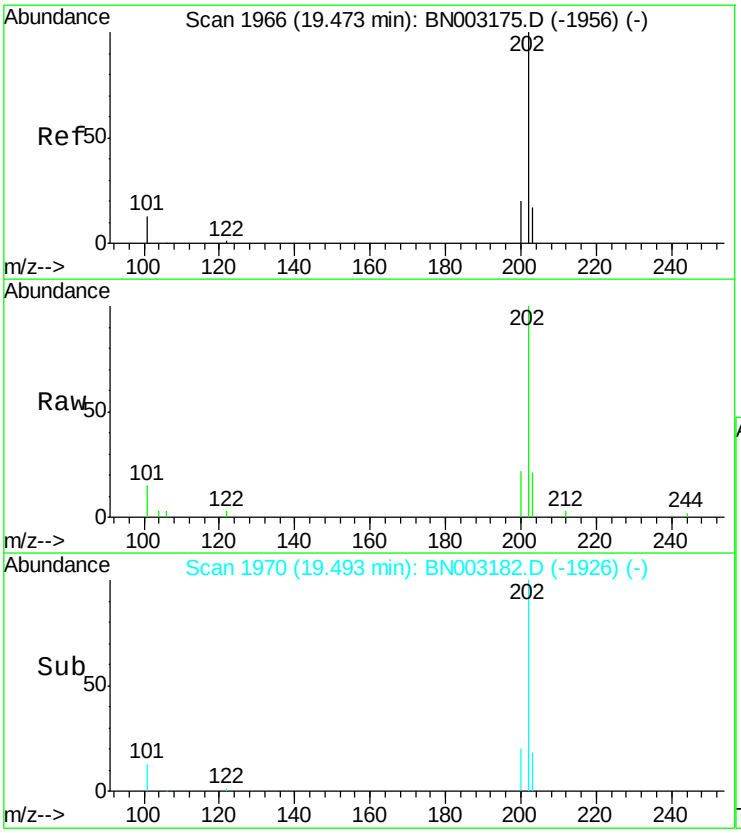

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:240 Resp: 7655

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 7.8 | 11.8 |
| 236 | 26.5 | 21.0 | 31.4 |

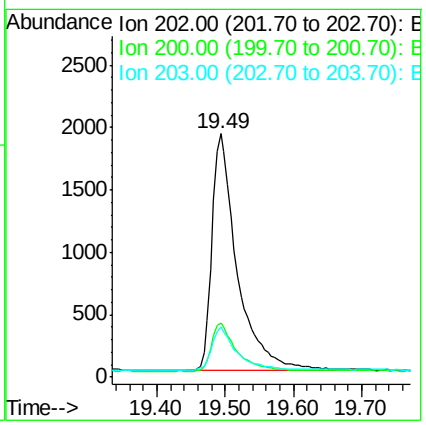


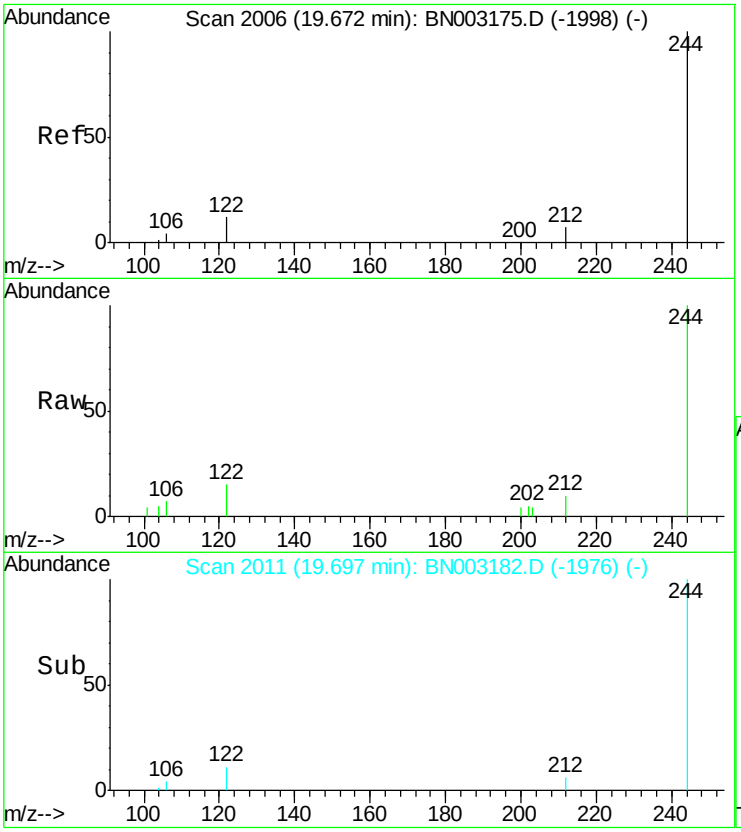




#28
Pyrene
Concen: 0.227 ng
RT: 19.49 min Scan# 1970
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:202 Resp: 4856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.2 | 16.3 | 24.5 |
| 203 | 18.2 | 14.2 | 21.2 |



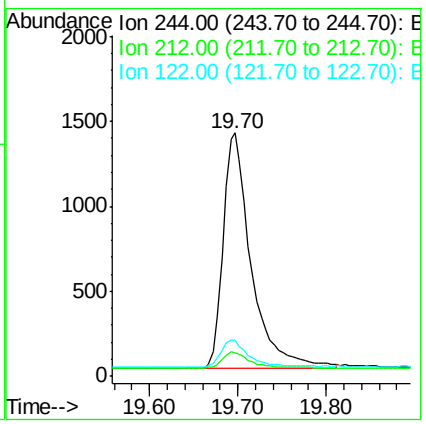


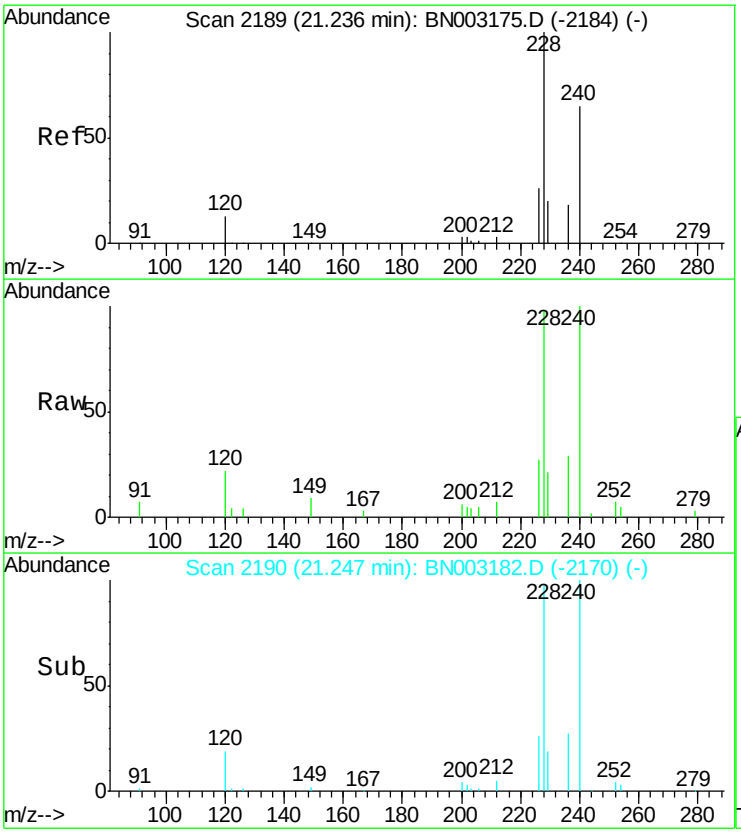

#29
Terphenyl-d14
Concen: 0.185 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:244 Resp: 3069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.8 | 6.2 | 9.4# |
| 122 | 14.9 | 9.1 | 13.7# |

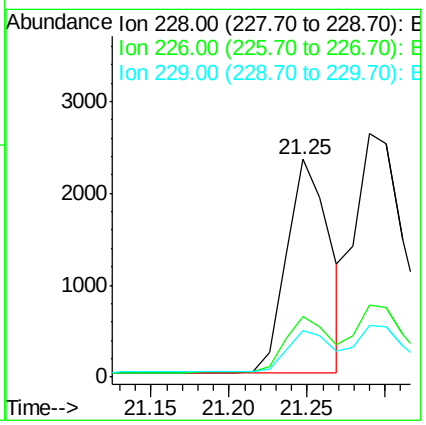


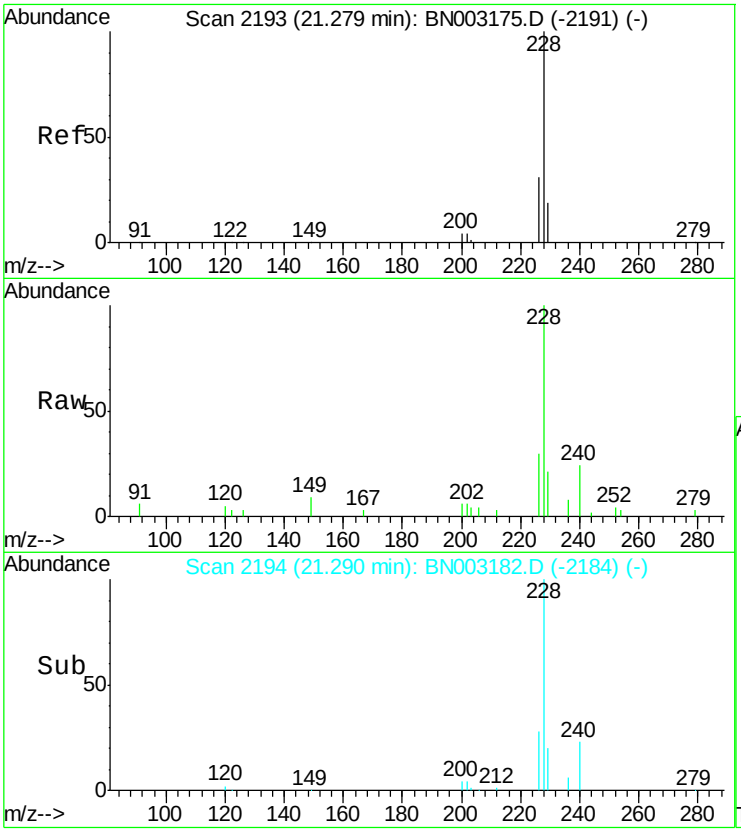




#30
Benzo(a)anthracene
Concen: 0.214 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.01 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:228 Resp: 4410

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 21.4 | 32.2 |
| 229 | 21.5 | 16.4 | 24.6 |



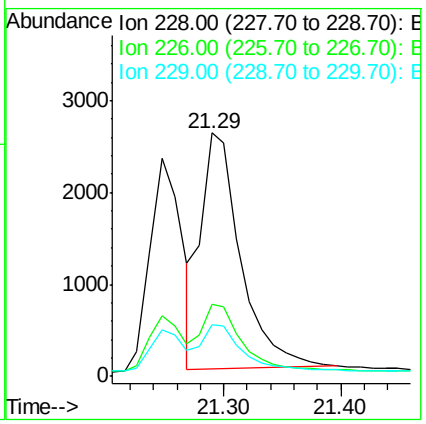


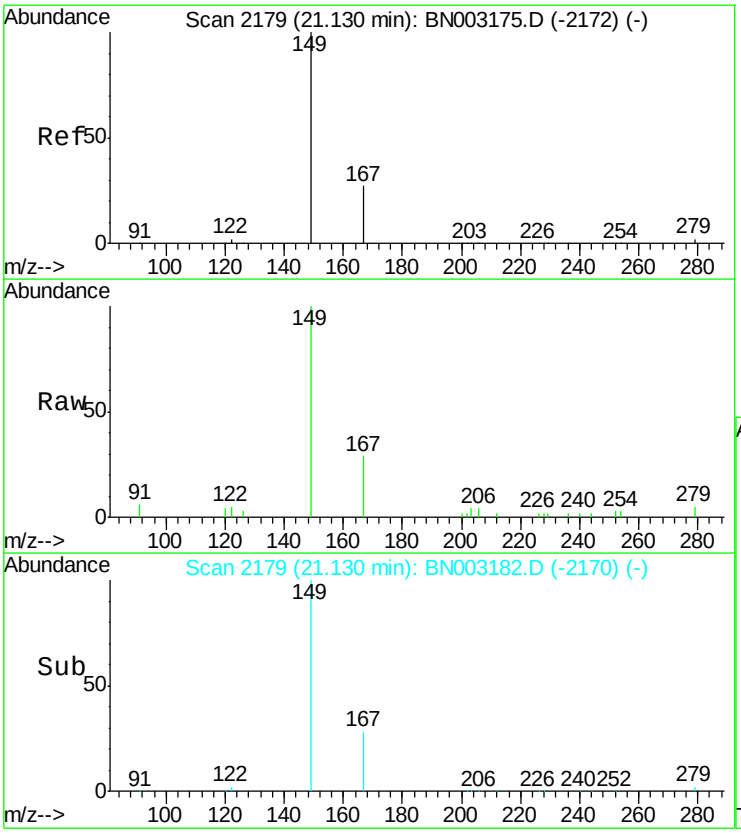

#31
Chrysene
Concen: 0.257 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:228 Resp: 6051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 23.1 | 34.7 |
| 229 | 21.4 | 15.9 | 23.9 |

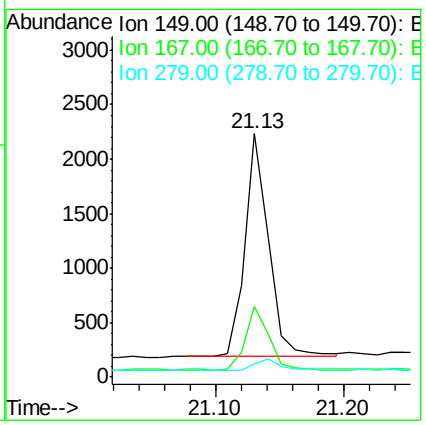


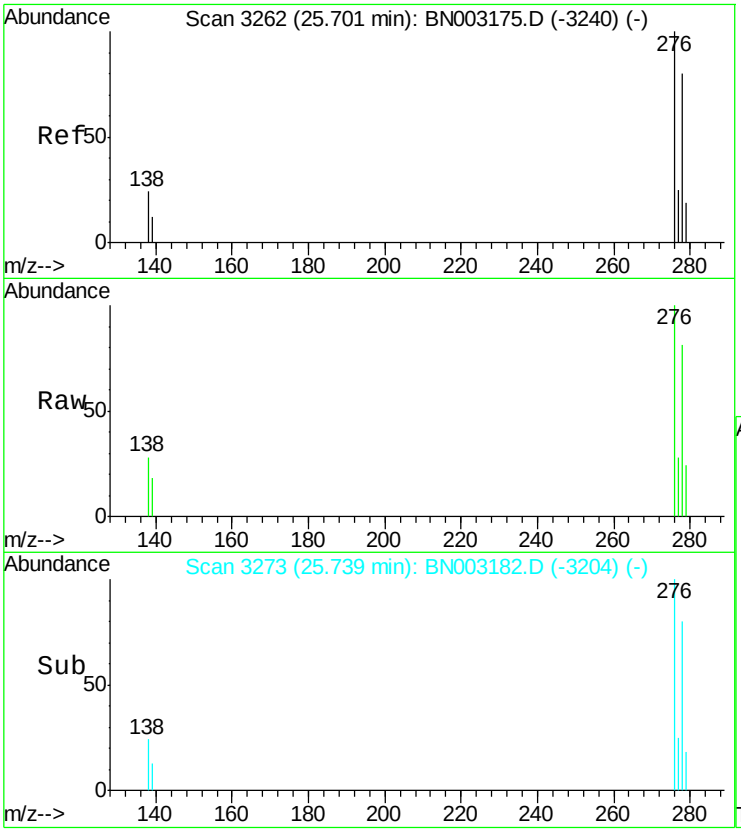




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.218 ng
RT: 21.13 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:149 Resp: 2654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.6 | 22.2 | 33.4 |
| 279 | 5.6 | 3.7 | 5.5# |



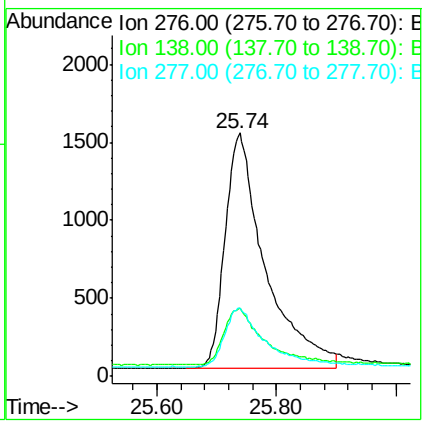


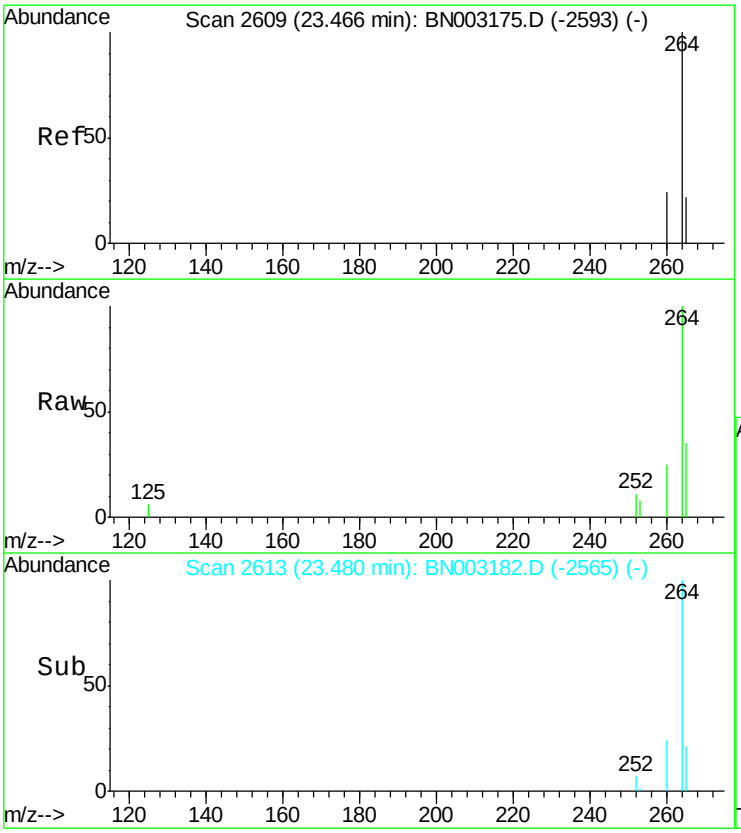

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.253 ng
RT: 25.74 min Scan# 3273
Delta R.T. 0.04 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:276 Resp: 7040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.2 | 18.2 | 27.4 |
| 277 | 25.2 | 20.2 | 30.4 |

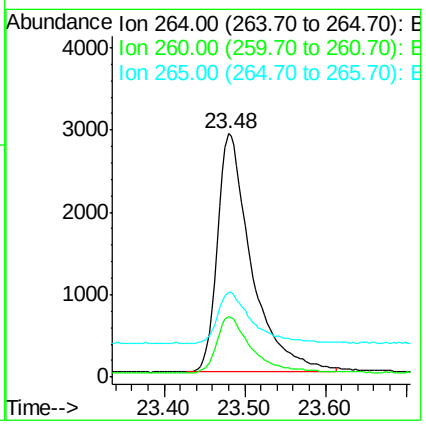


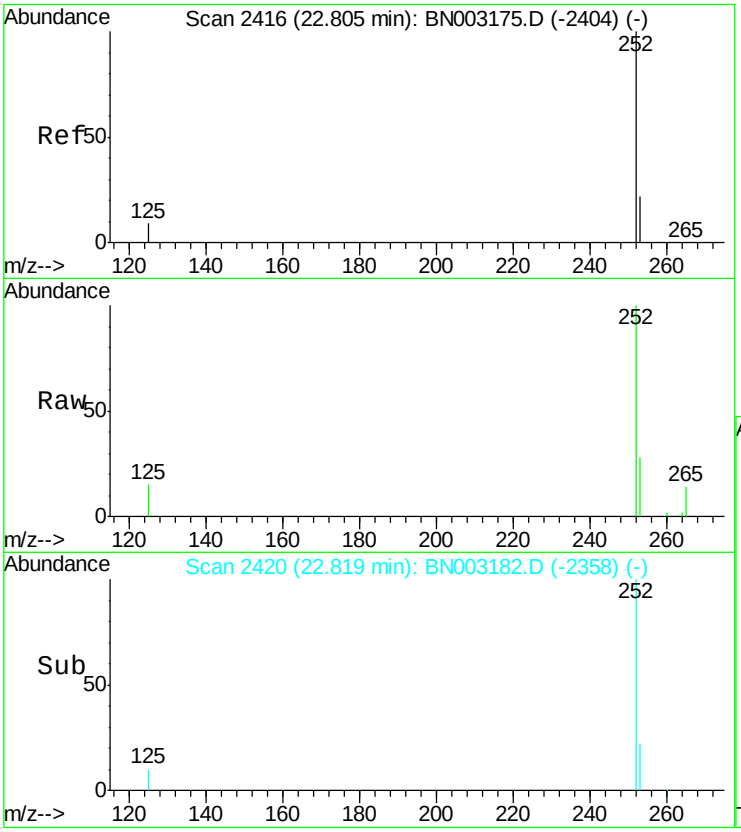




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2613
Delta R.T. 0.01 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:264 Resp: 8525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.0 | 19.7 | 29.5 |
| 265 | 34.7 | 27.6 | 41.4 |



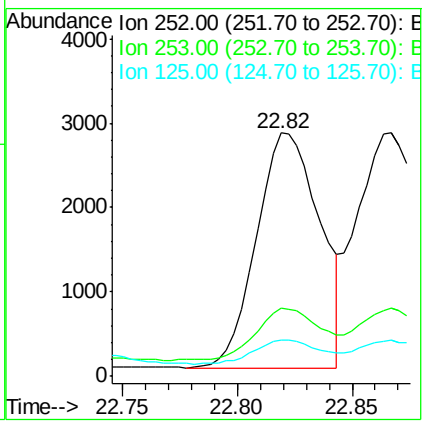


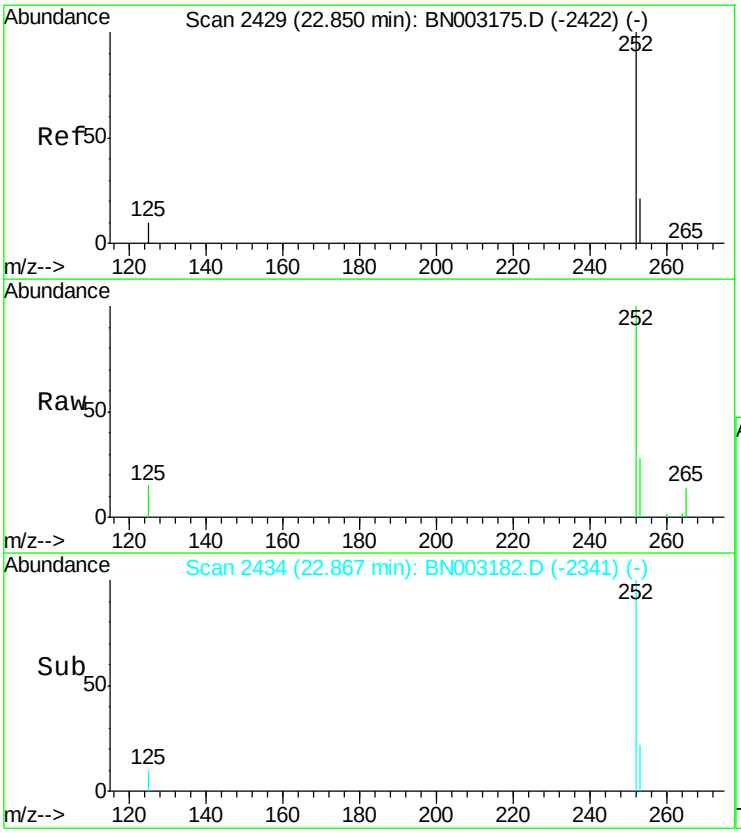

#35
Benzo(b)fluoranthene
Concen: 0.232 ng
RT: 22.82 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:252 Resp: 5343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.2 | 20.8 | 31.2 |
| 125 | 14.7 | 9.6 | 14.4# |

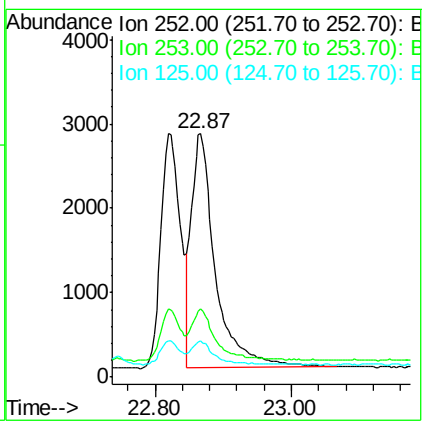


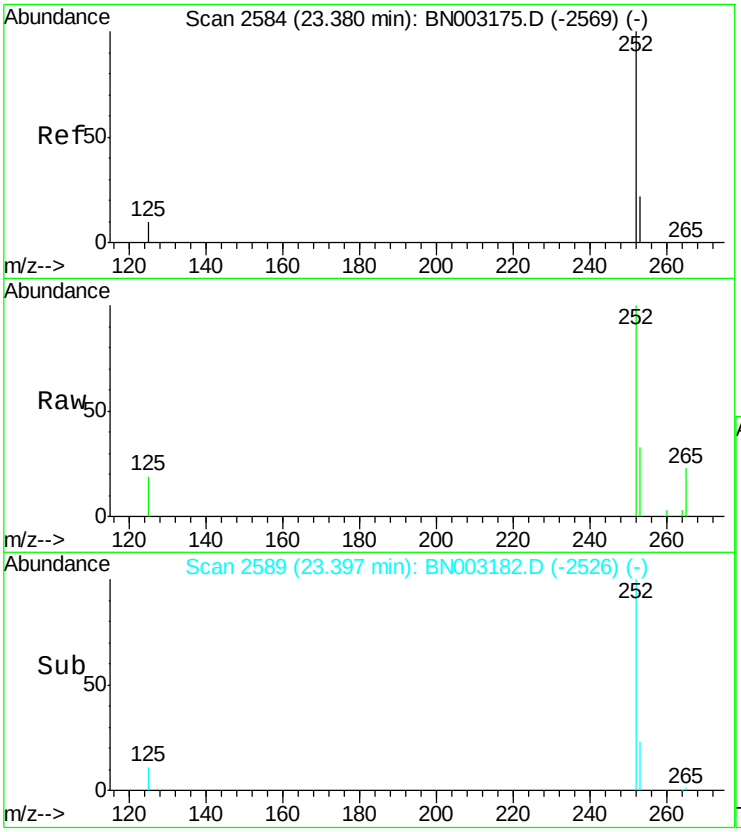




#36
Benzo(k)fluoranthene
Concen: 0.250 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:252 Resp: 6801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.1 | 20.5 | 30.7 |
| 125 | 14.7 | 9.4 | 14.0# |



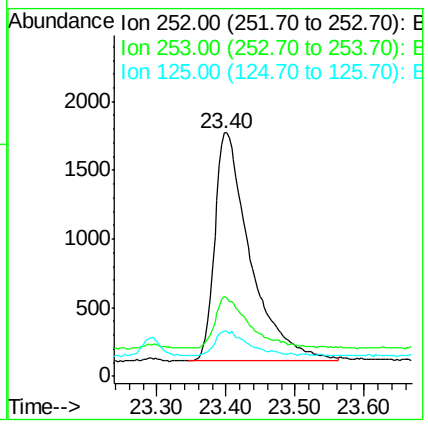


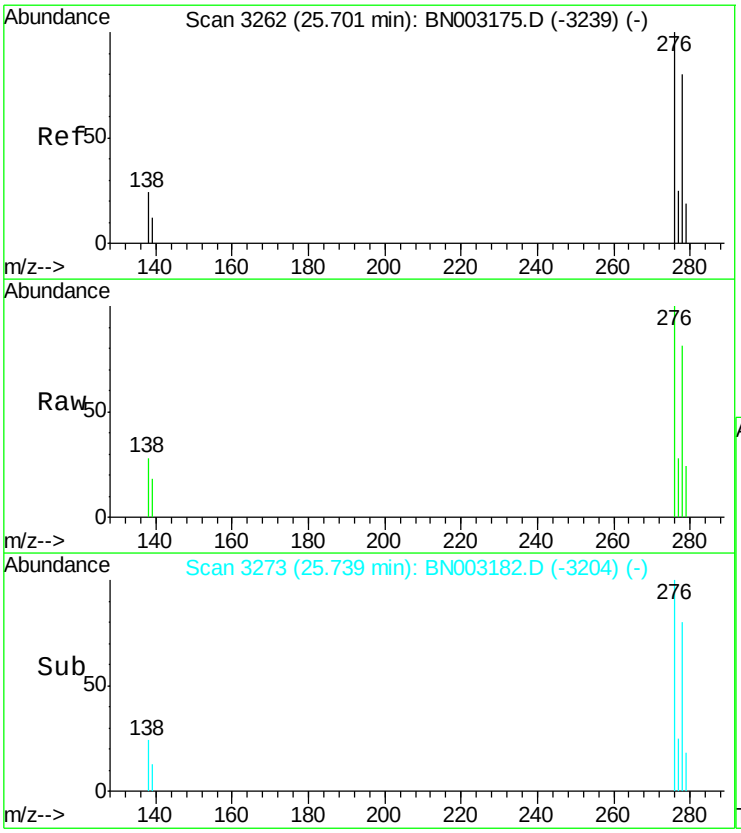

#37
Benzo(a)pyrene
Concen: 0.249 ng
RT: 23.40 min Scan# 2589
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:252 Resp: 5917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 32.5 | 22.4 | 33.6 |
| 125 | 18.6 | 11.4 | 17.0# |

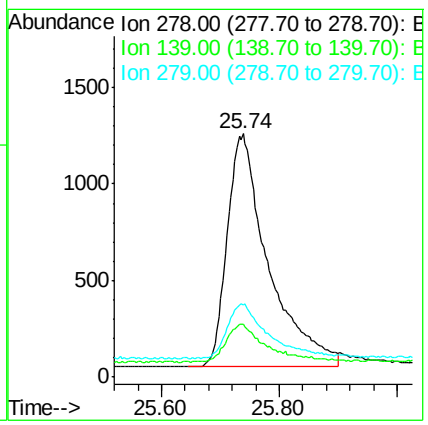


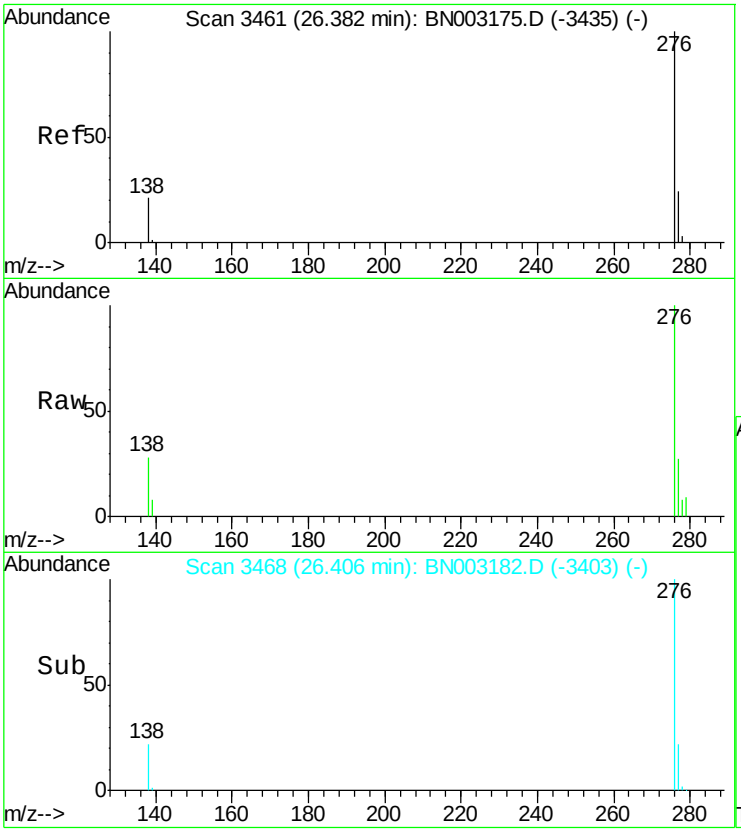




#38
Dibenzo(a,h)anthracene
Concen: 0.241 ng
RT: 25.74 min Scan# 3273
Delta R.T. 0.04 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

Tgt Ion:278 Resp: 5855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 21.9 | 14.6 | 21.8# |
| 279 | 29.6 | 23.1 | 34.7 |






#39
Benzo(g,h,i)perylene
Concen: 0.251 ng
RT: 26.41 min Scan# 3468
Delta R.T. 0.02 min
Lab File: BN003182.D
Acq: 17 Oct 2018 16:32

**Instrument :**
BNA_N
**ClientSampleId :**
PB113776BS

Tgt Ion:276 Resp: 6156

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.9 | 21.0 | 31.4 |
| 138 | 27.5 | 18.1 | 27.1# |