Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010303.D
Acq On : 20 Mar 2020 00:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** SSTDCCC0.4EC

Quant Time: Mar 20 01:25:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.62 | 152 | 4479 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.38 | 136 | 15523 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.24 | 164 | 9340 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.99 | 188 | 22259 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.19 | 240 | 24870 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.35 | 264 | 27067 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.25 | 112 | 3488 | 0.39 | ng | | 0.00 |
| 5) Phenol-d6 | 6.80 | 99 | 4335 | 0.39 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.74 | 82 | 3846 | 0.39 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.97 | 152 | 9692 | 0.39 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.73 | 330 | 1269 | 0.35 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.86 | 172 | 14666 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.02 | 212 | 25885 | 0.39 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.63 | 244 | 21183 | 0.39 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.25 | 88 | 1696 | 0.403 | ng | | 97 |
| 3) n-Nitrosodimethylamine | 3.56 | 42 | 1241 | 0.349 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.06 | 93 | 4446 | 0.420 | ng | | 98 |
| 9) Naphthalene | 10.43 | 128 | 15511 | 0.401 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.73 | 225 | 3826 | 0.408 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 12.05 | 142 | 10671 | 0.398 | ng | | 99 |
| 16) Acenaphthylene | 13.96 | 152 | 13676 | 0.373 | ng | | 100 |
| 17) Acenaphthene | 14.30 | 154 | 10432 | 0.399 | ng | | 99 |
| 18) Fluorene | 15.29 | 166 | 13565 | 0.391 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.19 | 248 | 5303 | 0.393 | ng | | 97 |
| 21) Hexachlorobenzene | 16.31 | 284 | 5634 | 0.406 | ng | | 99 |
| 22) Pentachlorophenol | 16.65 | 266 | 1569 | 0.330 | ng | | 96 |
| 23) Phenanthrene | 17.03 | 178 | 24122 | 0.394 | ng | | 100 |
| 24) Anthracene | 17.11 | 178 | 19633 | 0.375 | ng | | 100 |
| 26) Fluoranthene | 19.05 | 202 | 29547 | 0.394 | ng | | 100 |
| 28) Pyrene | 19.41 | 202 | 29847 | 0.385 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.16 | 228 | 30841 | 0.389 | ng | | 98 |
| 31) Chrysene | 21.22 | 228 | 33214 | 0.391 | ng | | 98 |
| 32) Bis(2-ethylhexyl)phthalate | 21.13 | 149 | 9564 | 0.358 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.50 | 276 | 43121 | 0.474 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.71 | 252 | 32370 | 0.352 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.76 | 252 | 36717 | 0.392 | ng | # | 97 |
| 37) Benzo(a)pyrene | 23.26 | 252 | 27734 | 0.357 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.52 | 278 | 34933 | 0.416 | ng | | 100 |
| 39) Benzo(g,h,i)perylene | 26.15 | 276 | 32119 | 0.380 | ng | | 100 |

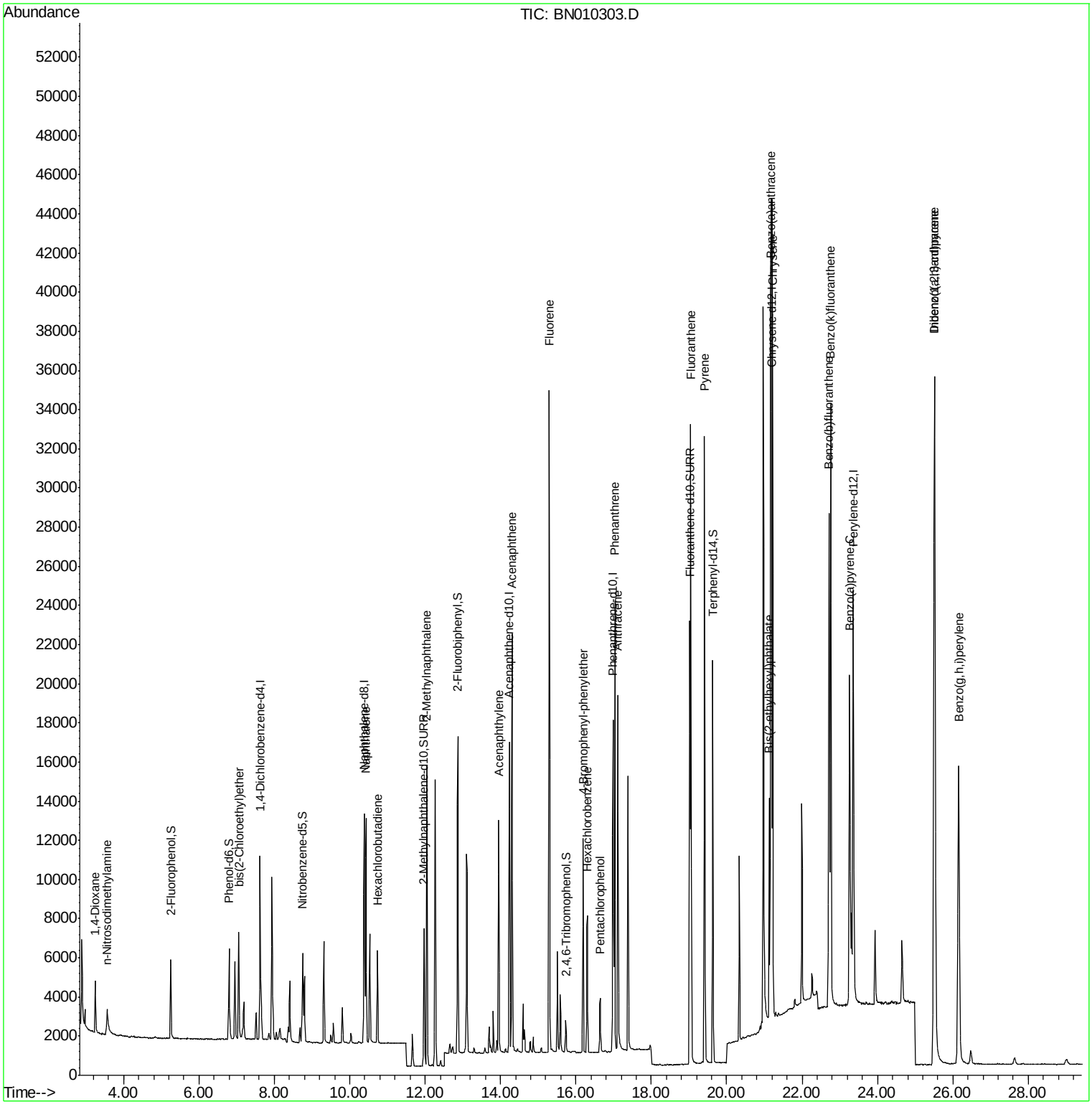
(#) = qualifier out of range (m) = manual integration (+) = signals summed

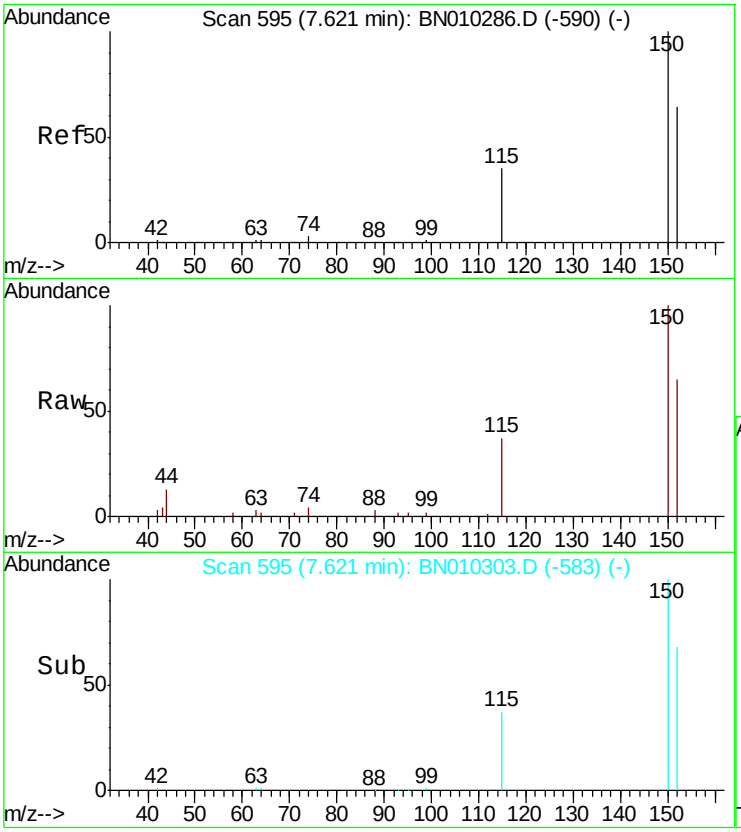
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031920\
Data File : BN010303.D
Acq On : 20 Mar 2020 00:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Quant Time: Mar 20 01:25:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 19 15:26:45 2020
Response via : Initial Calibration



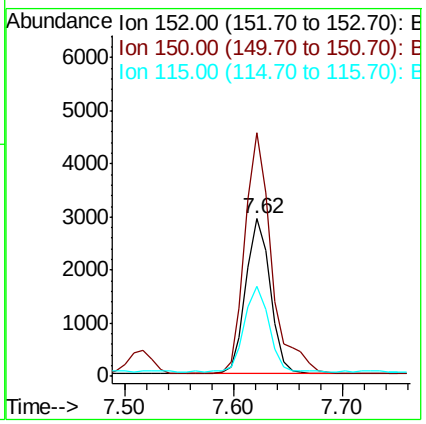


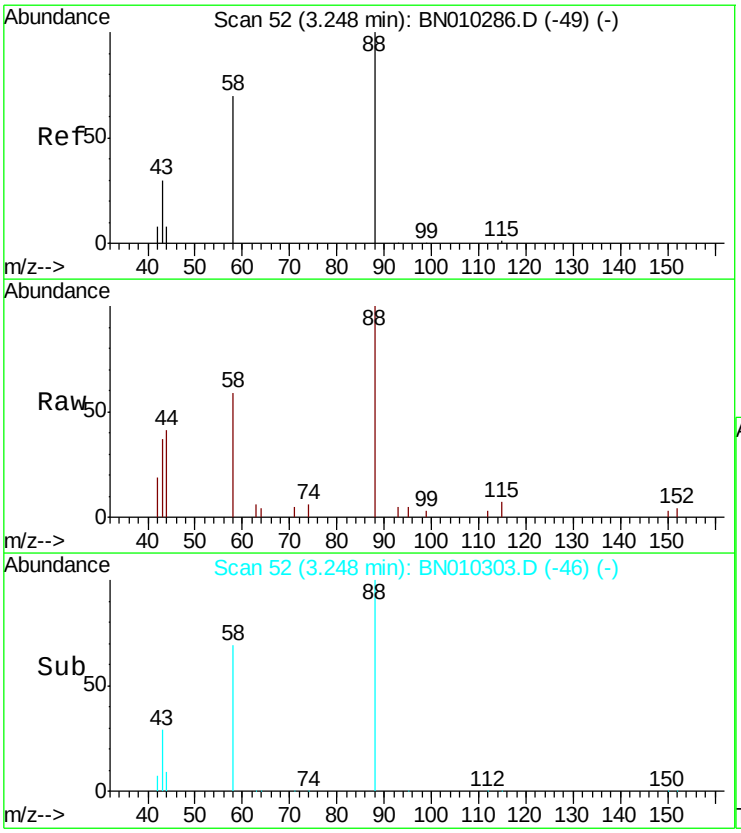

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 595
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.7 | 123.1 | 184.7 |
| 115 | 56.9 | 45.2 | 67.8 |

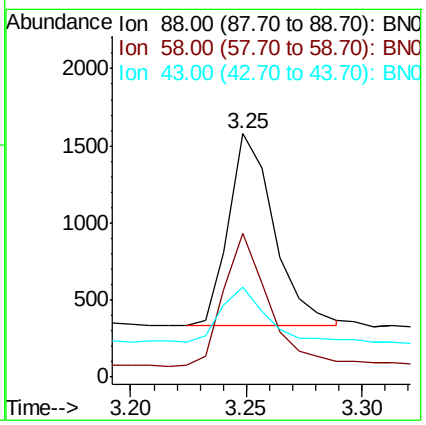


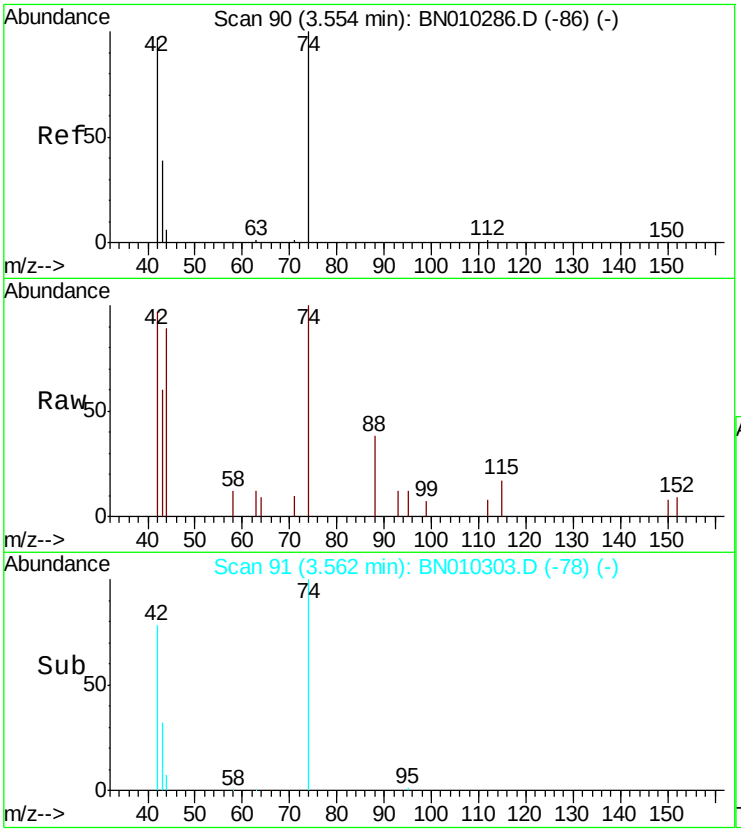




#2
1,4-Dioxane
Concen: 0.403 ng
RT: 3.25 min Scan# 52
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion: 88 Resp: 1696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 67.3 | 51.7 | 77.5 |
| 43 | 27.2 | 21.2 | 31.8 |



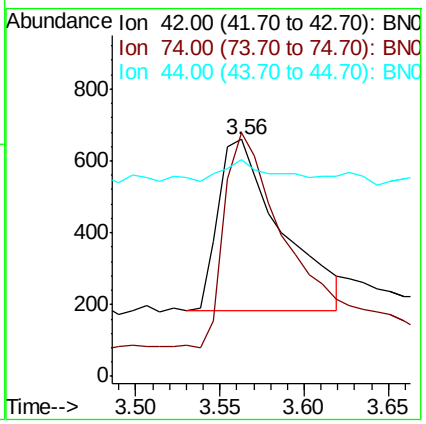


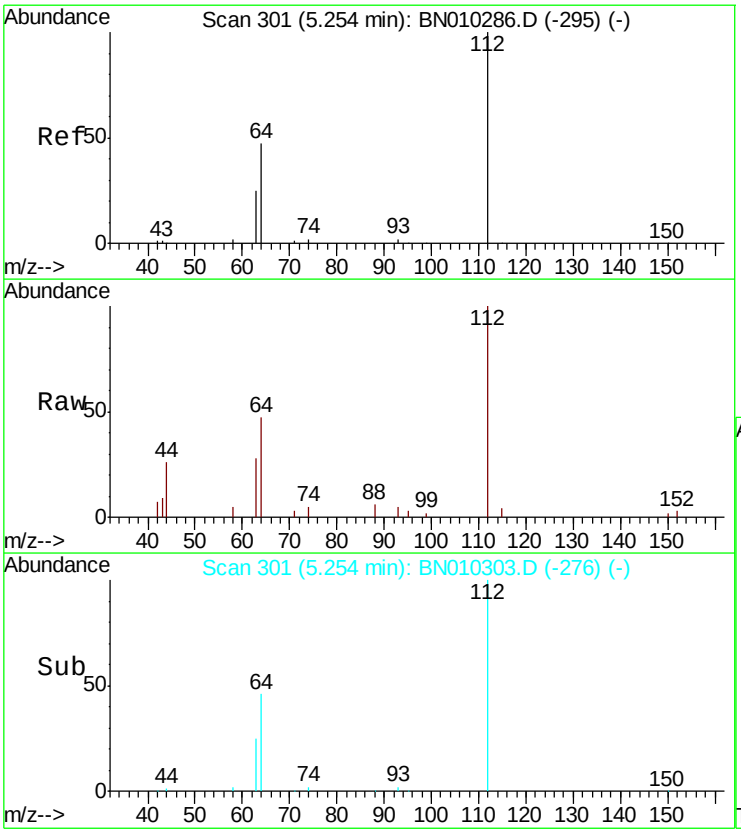

#3
n-Nitrosodimethylamine
Concen: 0.349 ng
RT: 3.56 min Scan# 91
Delta R.T. 0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 122.6 | 99.4 | 149.0 |
| 44 | 10.3 | 4.8 | 7.2# |

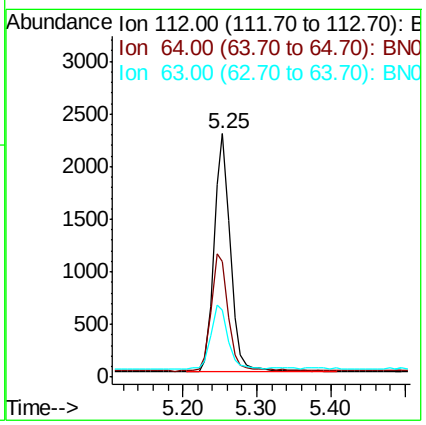


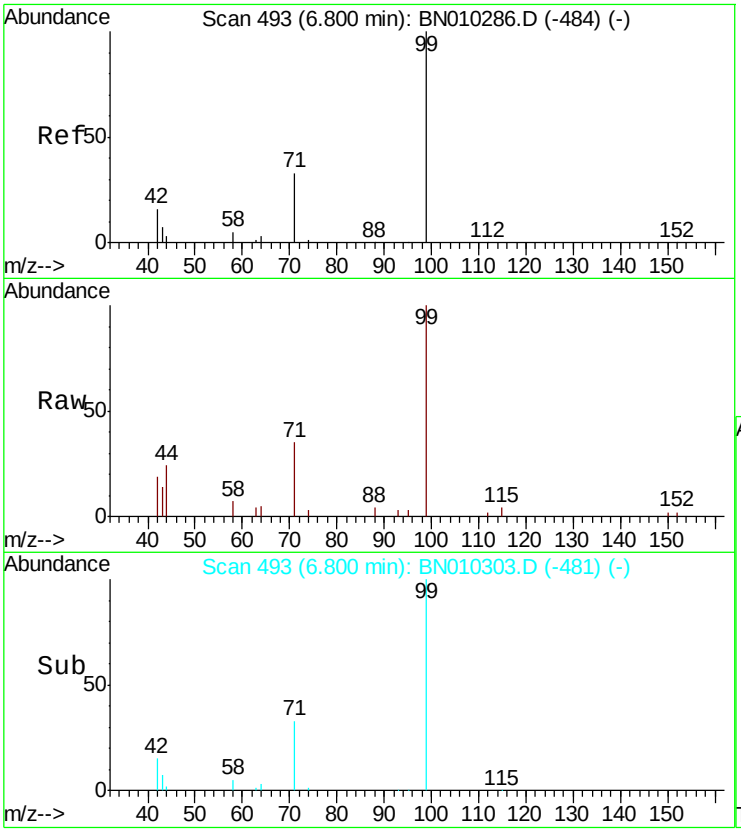




#4
2-Fluorophenol
Concen: 0.393 ng
RT: 5.25 min Scan# 301
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:112 Resp: 3488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.7 | 41.4 | 62.2 |
| 63 | 27.7 | 22.9 | 34.3 |



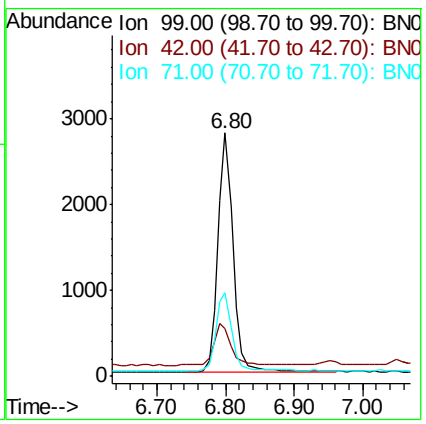


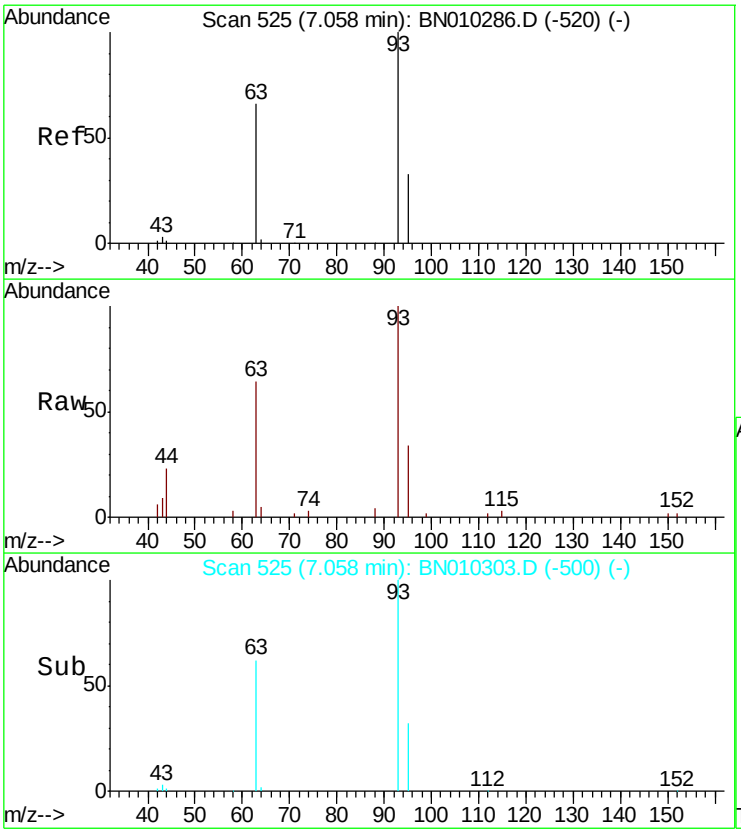

#5
Phenol-d6
Concen: 0.393 ng
RT: 6.80 min Scan# 493
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 4335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.2 | 14.8 | 22.2 |
| 71 | 33.6 | 27.3 | 40.9 |

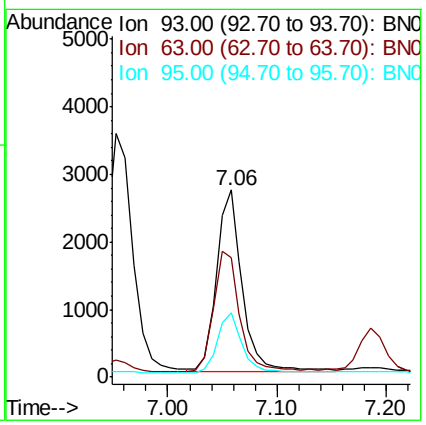


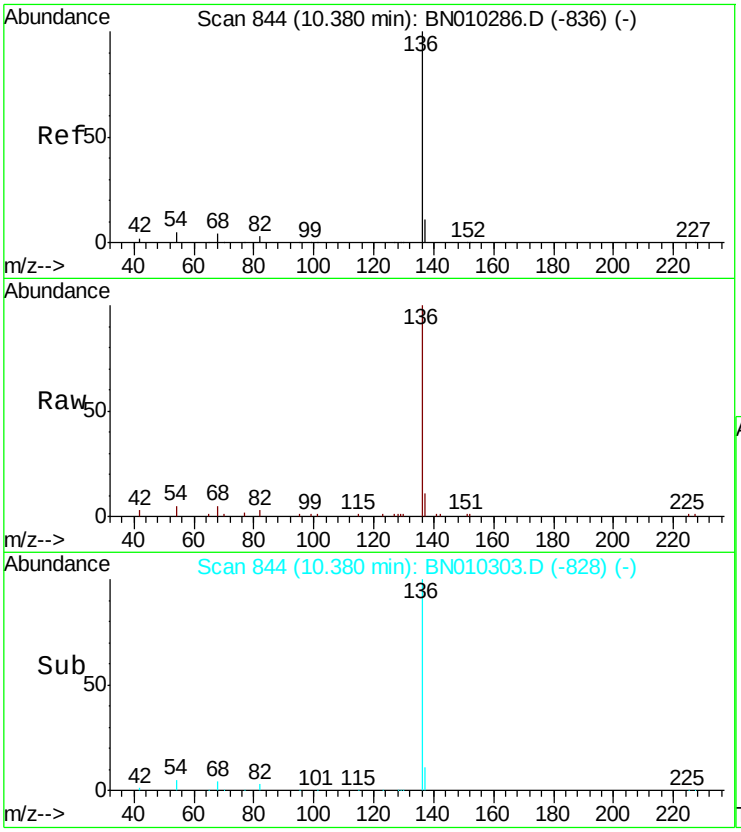




#6
bis(2-Chloroethyl)ether
Concen: 0.420 ng
RT: 7.06 min Scan# 525
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion: 93 Resp: 4446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 67.4 | 55.6 | 83.4 |
| 95 | 32.0 | 26.2 | 39.4 |



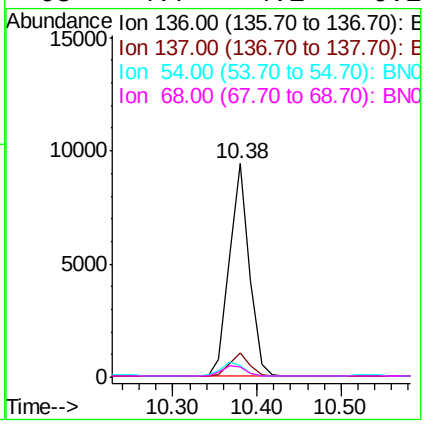


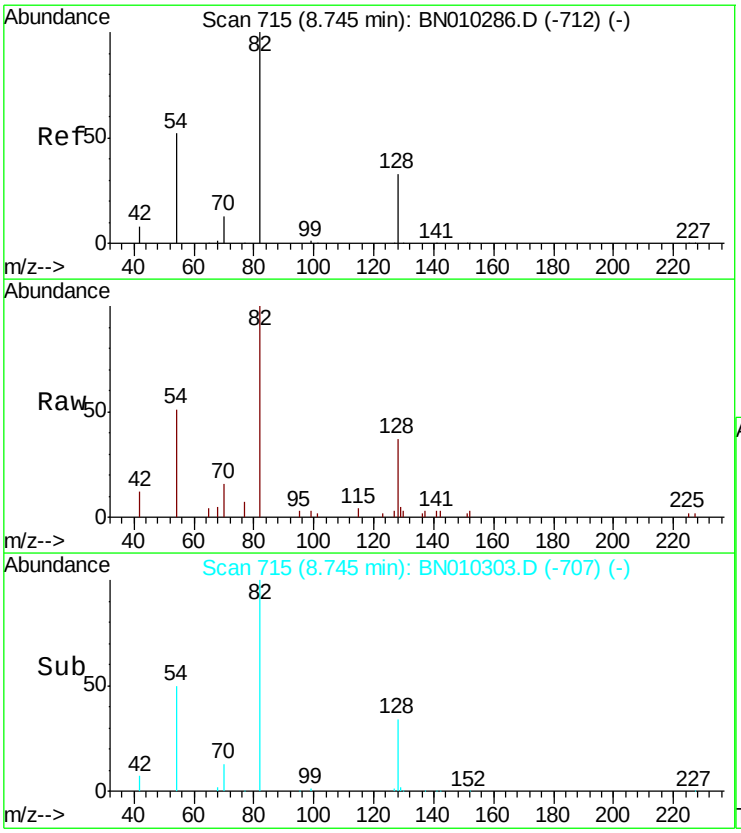

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:136 Resp: 15523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.3 | 13.9 |
| 54 | 5.4 | 4.8 | 7.2 |
| 68 | 4.7 | 4.1 | 6.1 |

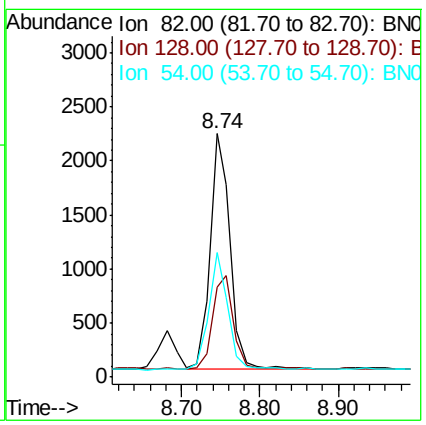


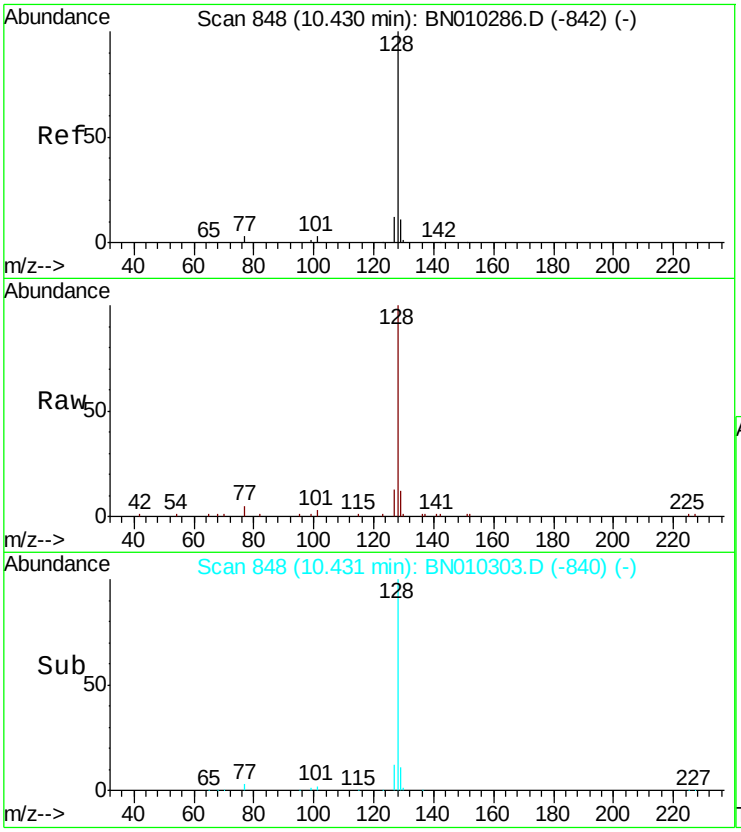




#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.74 min Scan# 715
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion: 82 Resp: 3846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.7 | 28.8 | 43.2 |
| 54 | 51.2 | 42.1 | 63.1 |



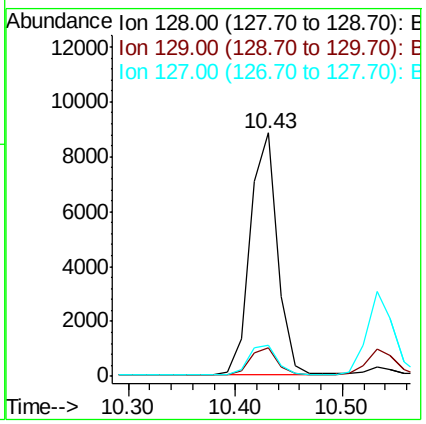


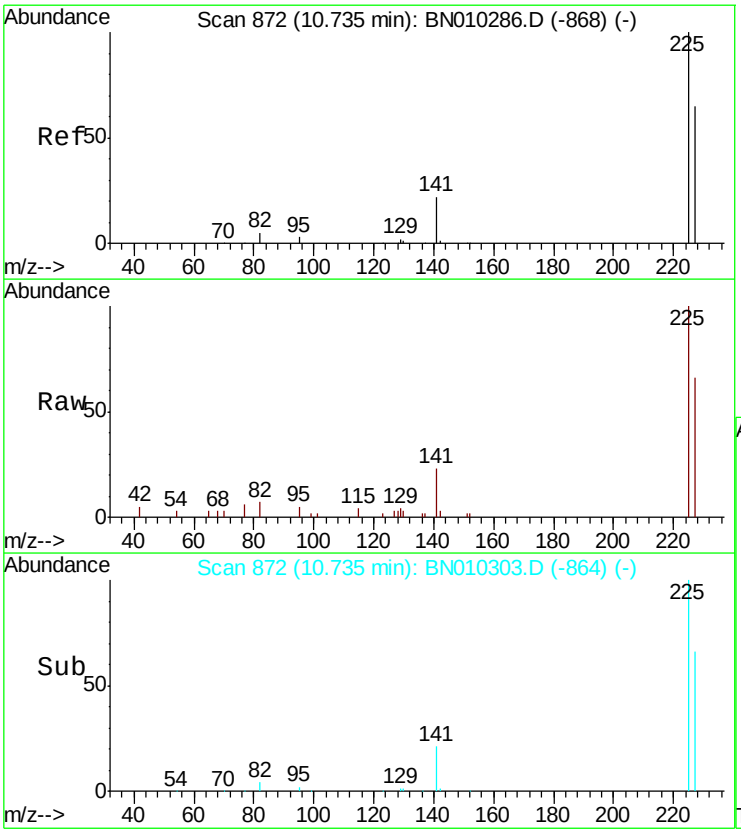

#9
Naphthalene
Concen: 0.401 ng
RT: 10.43 min Scan# 848
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:128 Resp: 15511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.9 | 9.1 | 13.7 |
| 127 | 13.0 | 10.4 | 15.6 |

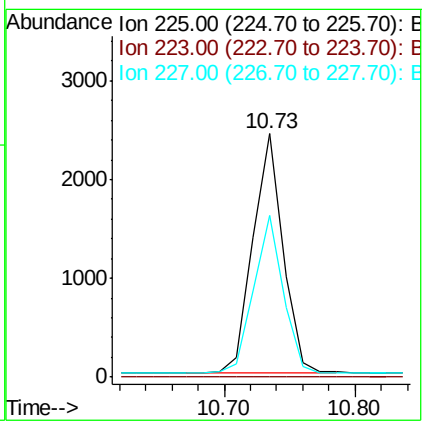


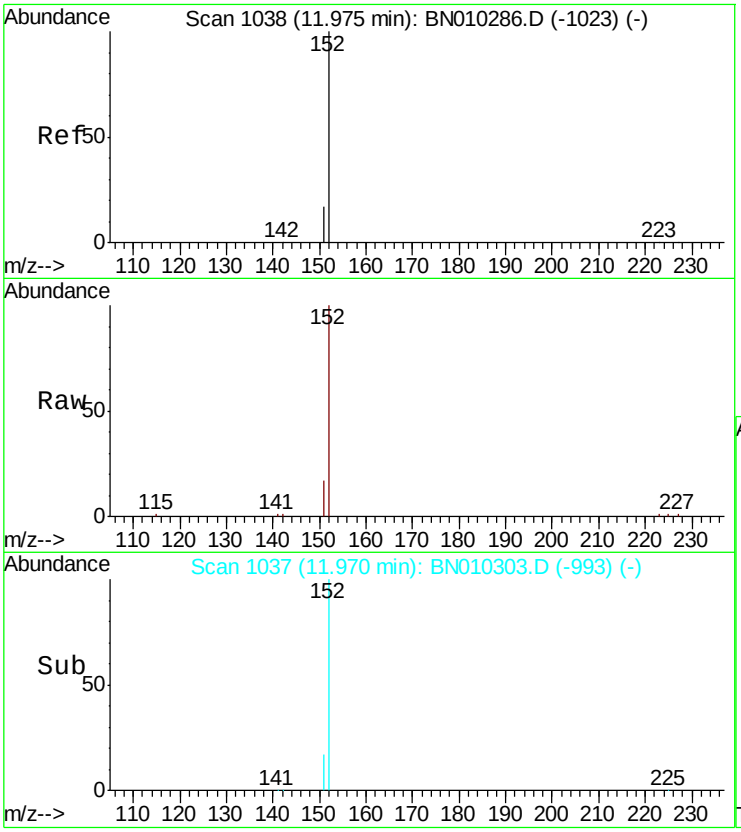




#10
Hexachlorobutadiene
Concen: 0.408 ng
RT: 10.73 min Scan# 872
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:225 Resp: 3826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 64.2 | 51.9 | 77.9 |



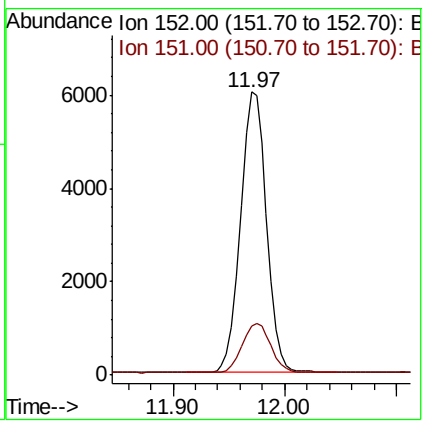


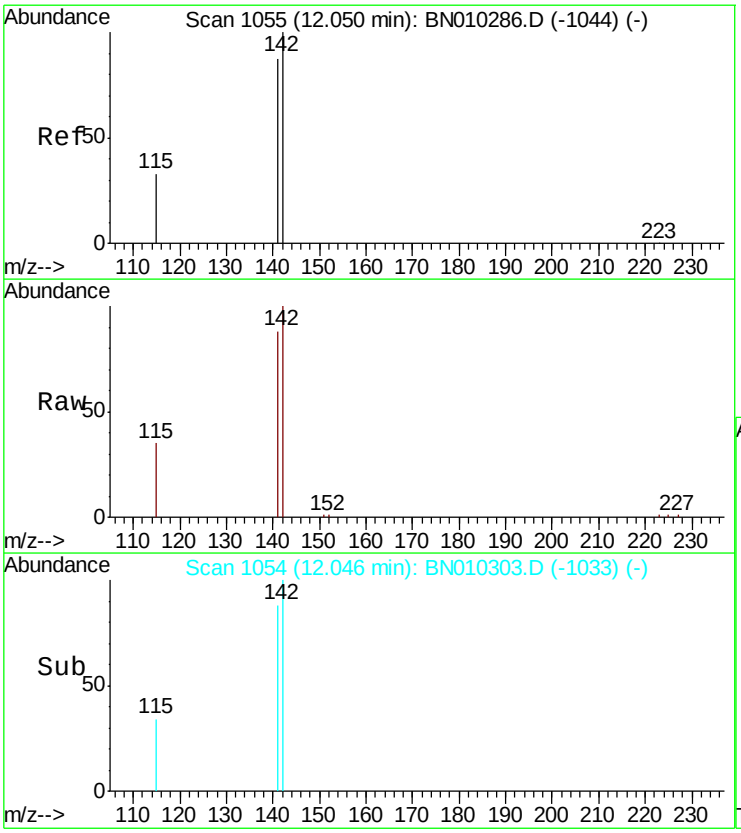

#11
2-Methylnaphthalene-d10
Concen: 0.391 ng
RT: 11.97 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:152 Resp: 9692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.4 | 23.2 |

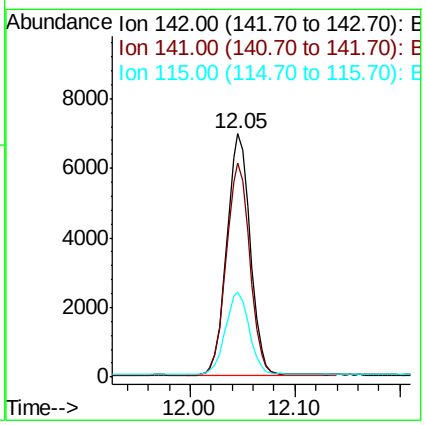


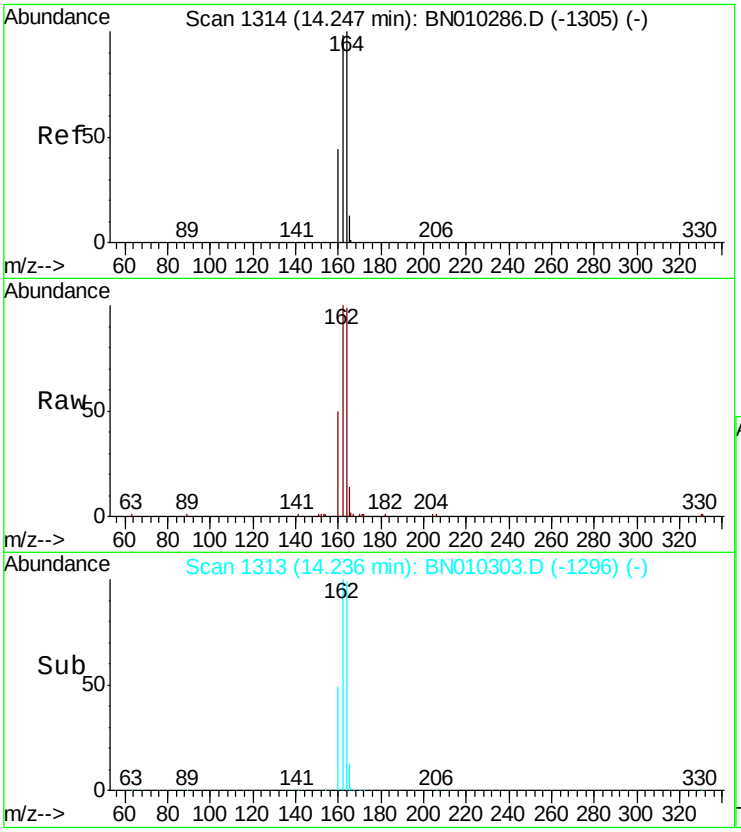




#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:142 Resp: 10671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.8 | 69.5 | 104.3 |
| 115 | 34.9 | 27.5 | 41.3 |



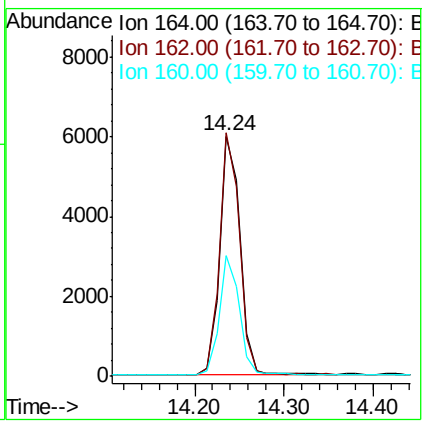


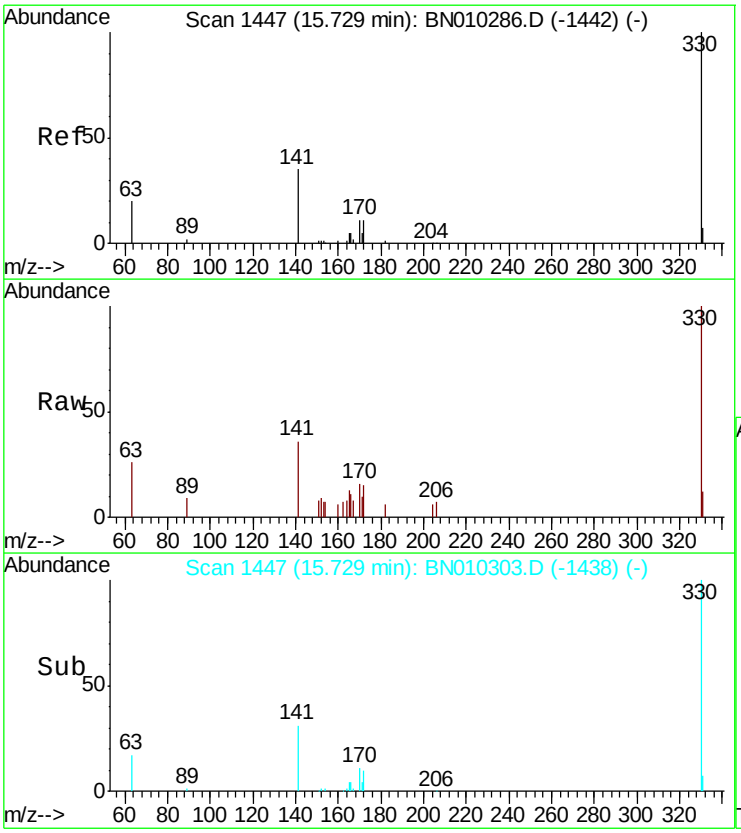

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:164 Resp: 9340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.4 | 78.2 | 117.2 |
| 160 | 50.3 | 35.8 | 53.6 |

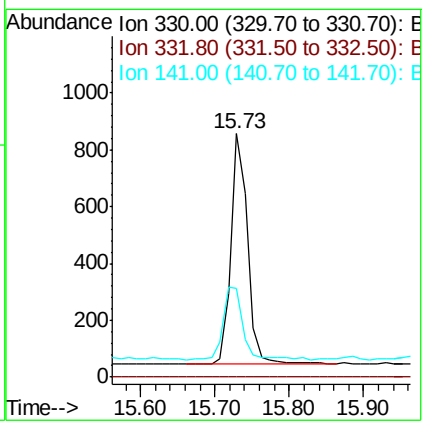


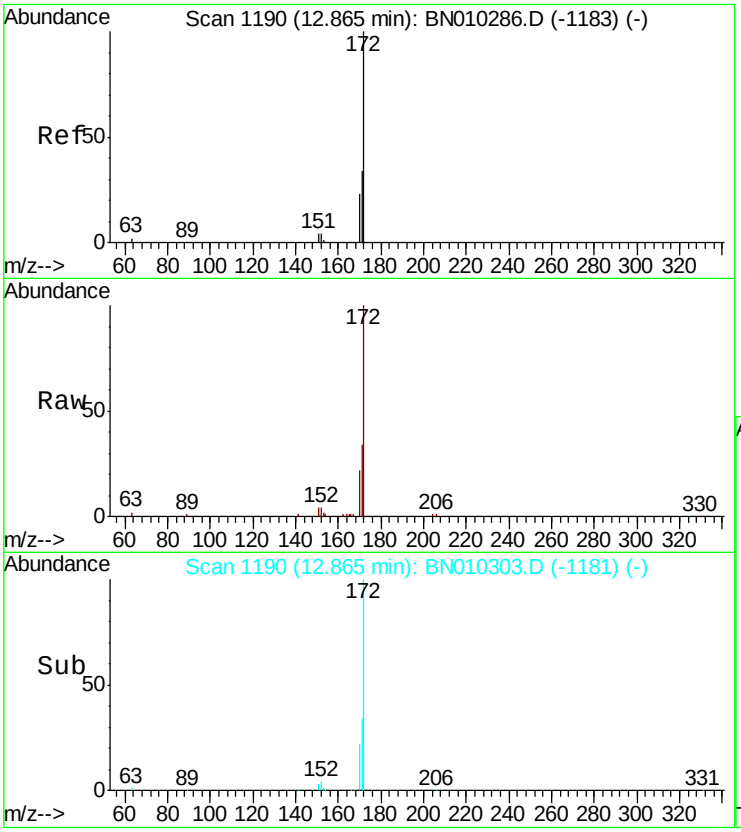




#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:330 Resp: 1269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 37.3 | 29.3 | 43.9 |



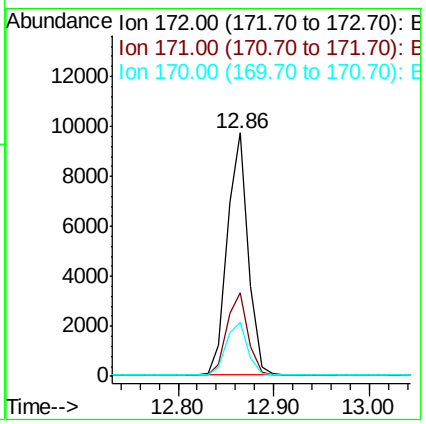


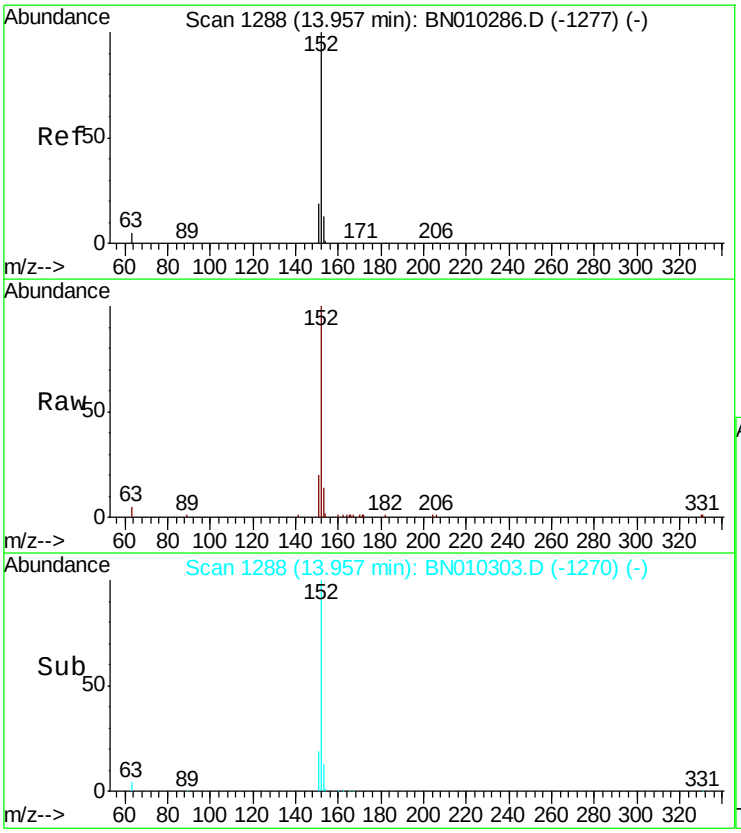

#15
2-Fluorobiphenyl
Concen: 0.410 ng
RT: 12.86 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:172 Resp: 14666

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 27.6 | 41.4 |
| 170 | 22.5 | 18.5 | 27.7 |

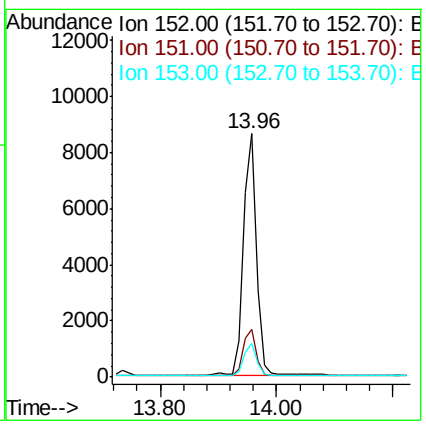


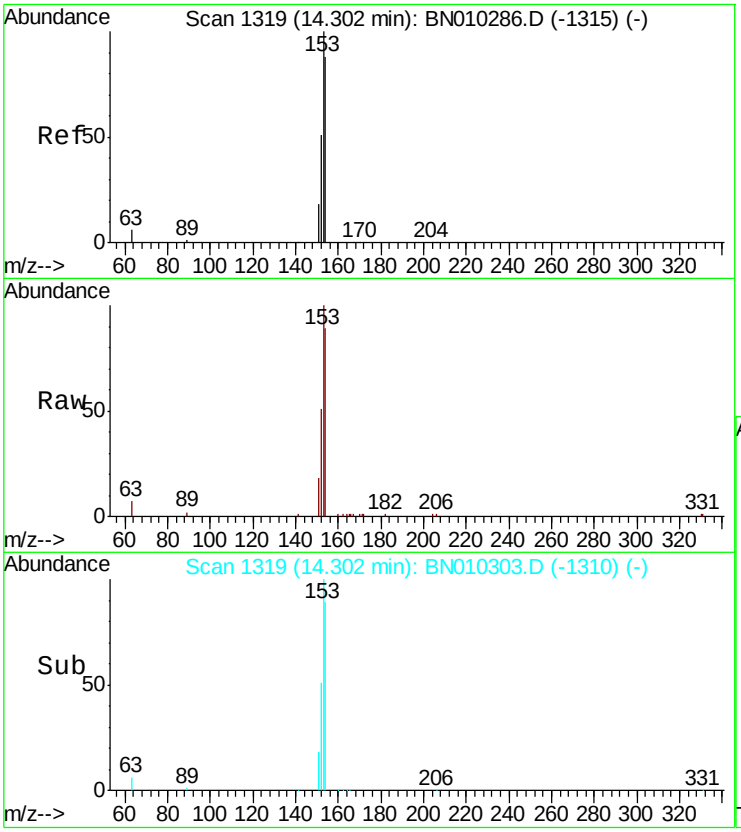




#16
Acenaphthylene
Concen: 0.373 ng
RT: 13.96 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:152 Resp: 13676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 15.6 | 23.4 |
| 153 | 13.0 | 10.6 | 15.8 |



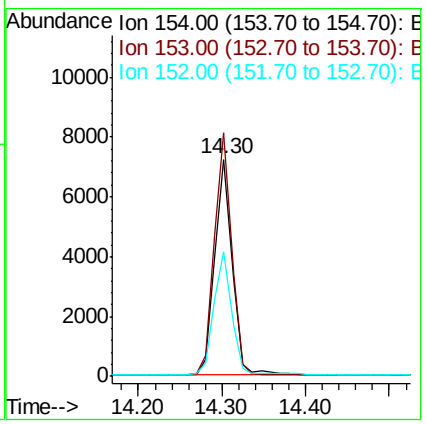


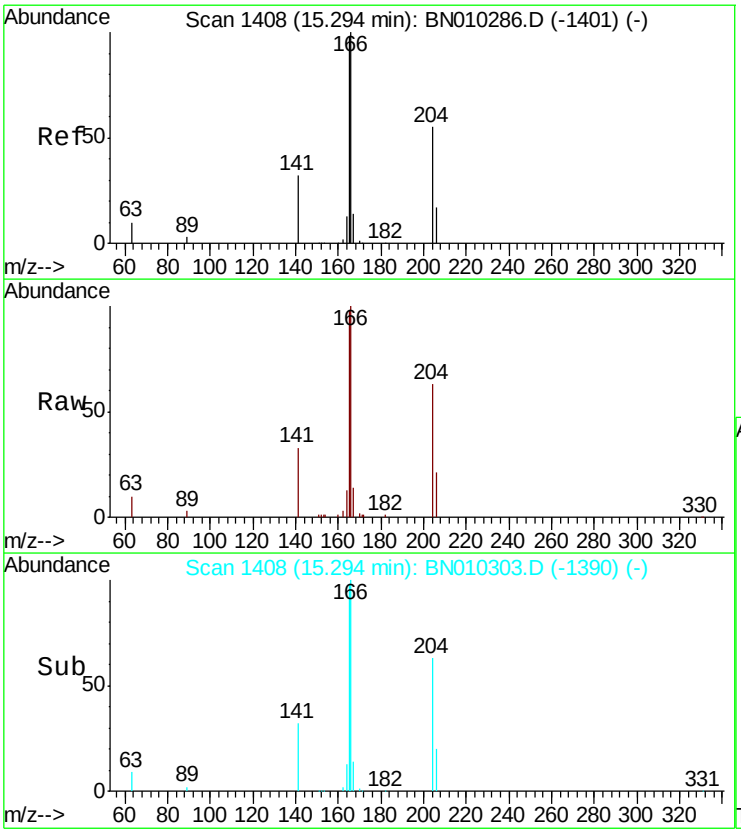

#17
Acenaphthene
Concen: 0.399 ng
RT: 14.30 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:154 Resp: 10432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.8 | 88.1 | 132.1 |
| 152 | 57.4 | 45.5 | 68.3 |

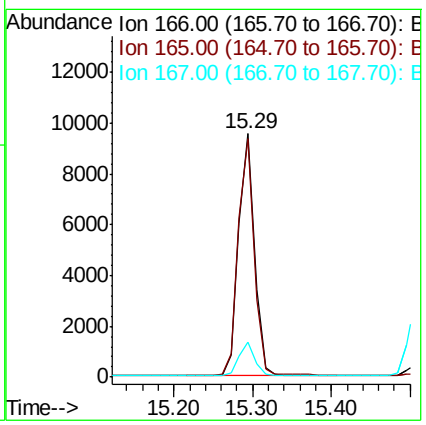


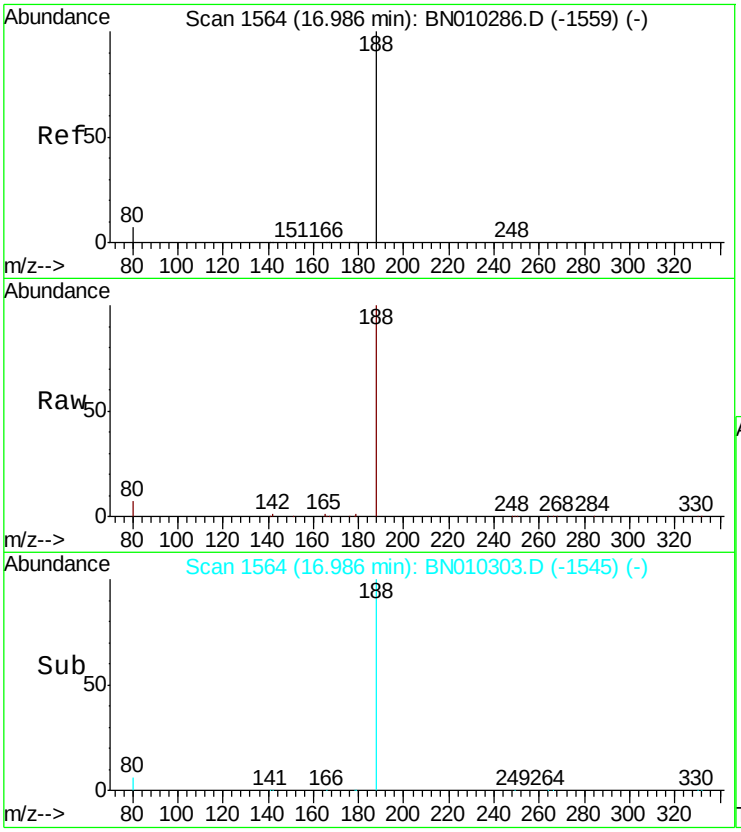




#18
Fluorene
Concen: 0.391 ng
RT: 15.29 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:166 Resp: 13565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.1 | 78.7 | 118.1 |
| 167 | 13.5 | 11.0 | 16.4 |



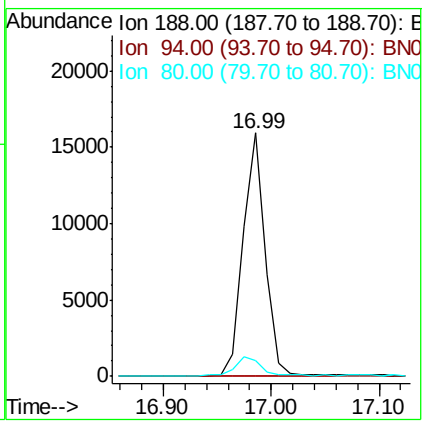


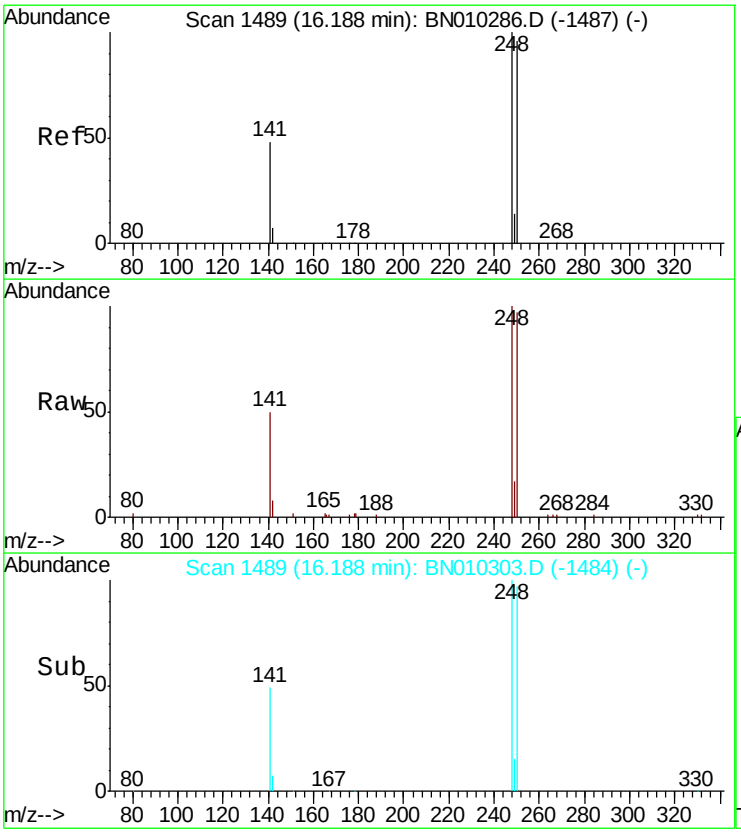

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.99 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:188 Resp: 22259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 6.6 | 6.0 | 9.0 |

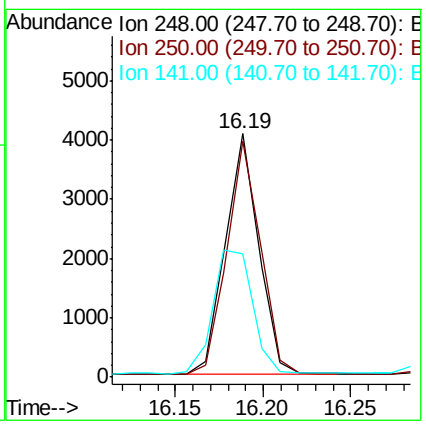


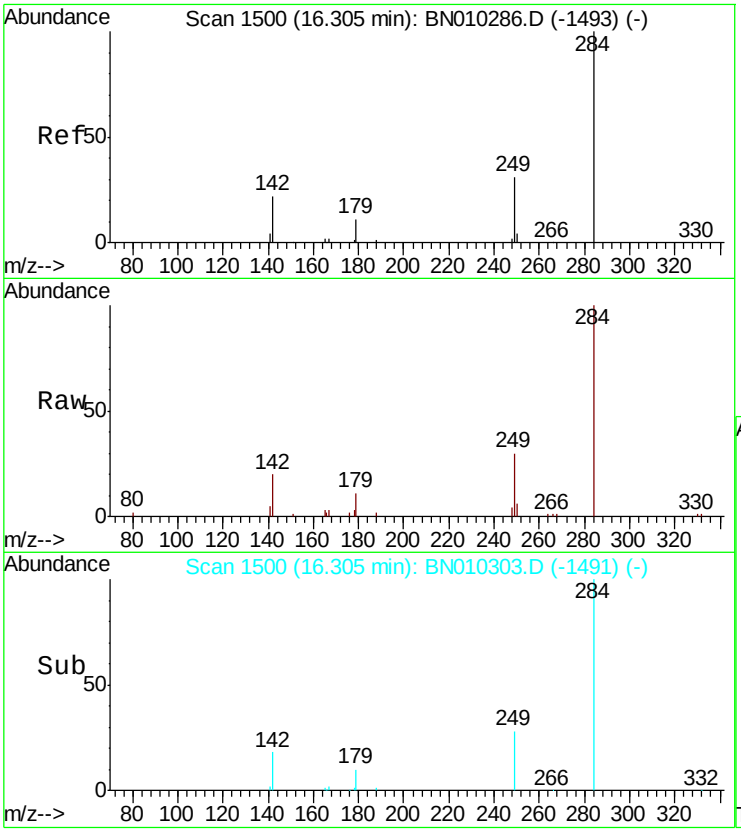




#20
4-Bromophenyl-phenylether
Concen: 0.393 ng
RT: 16.19 min Scan# 1489
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:248 Resp: 5303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 96.8 | 76.8 | 115.2 |
| 141 | 50.4 | 44.4 | 66.6 |



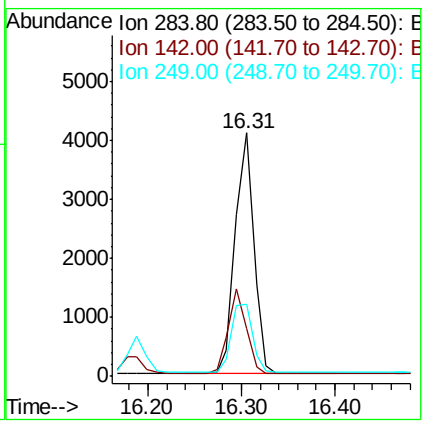


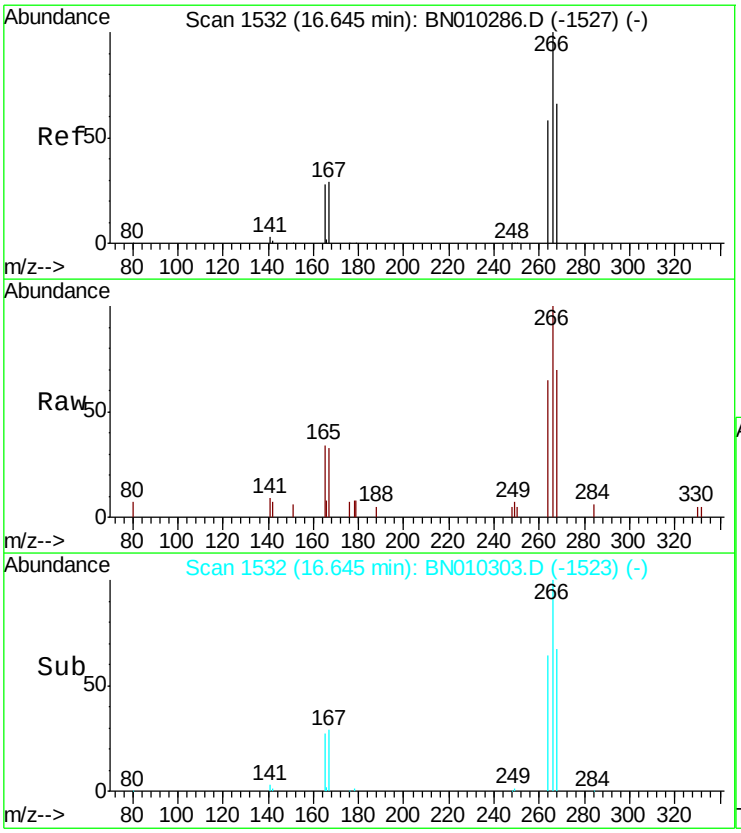

#21
Hexachlorobenzene
Concen: 0.406 ng
RT: 16.31 min Scan# 1500
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:284 Resp: 5634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.5 | 27.4 | 41.2 |
| 249 | 32.5 | 26.5 | 39.7 |

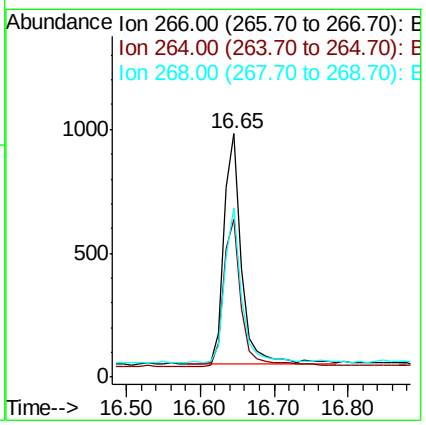


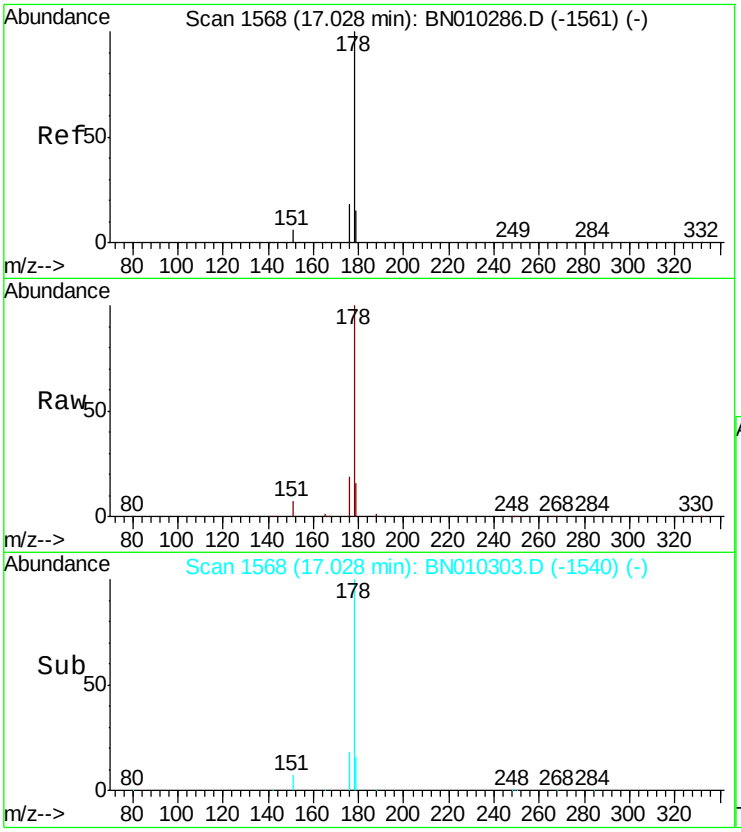




#22
Pentachlorophenol
Concen: 0.330 ng
RT: 16.65 min Scan# 1532
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:266 Resp: 1569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.9 | 47.7 | 71.5 |
| 268 | 69.7 | 54.9 | 82.3 |



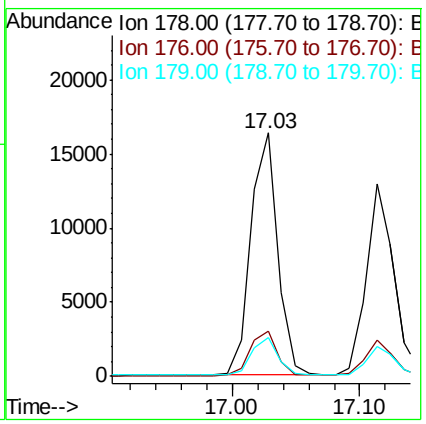


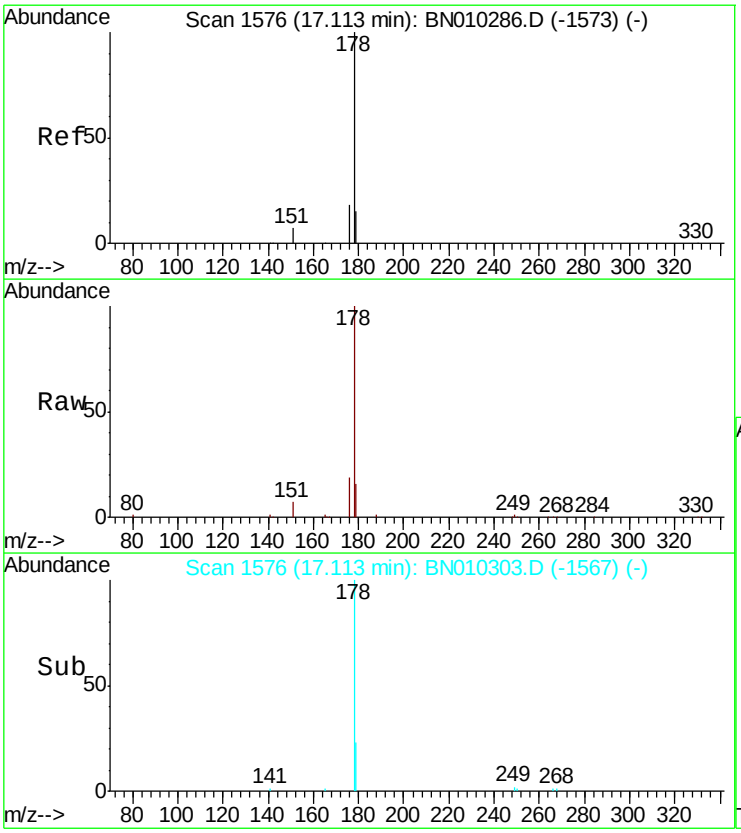

#23
Phenanthrene
Concen: 0.394 ng
RT: 17.03 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:178 Resp: 24122

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 15.0 | 22.4 |
| 179 | 15.6 | 12.4 | 18.6 |

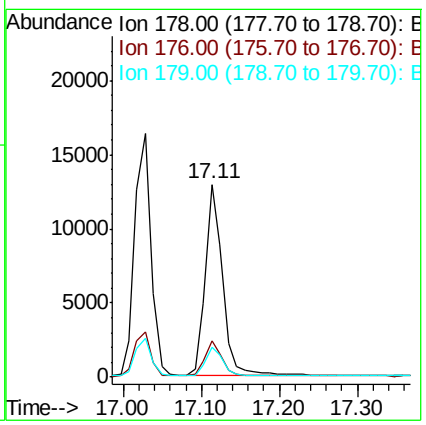


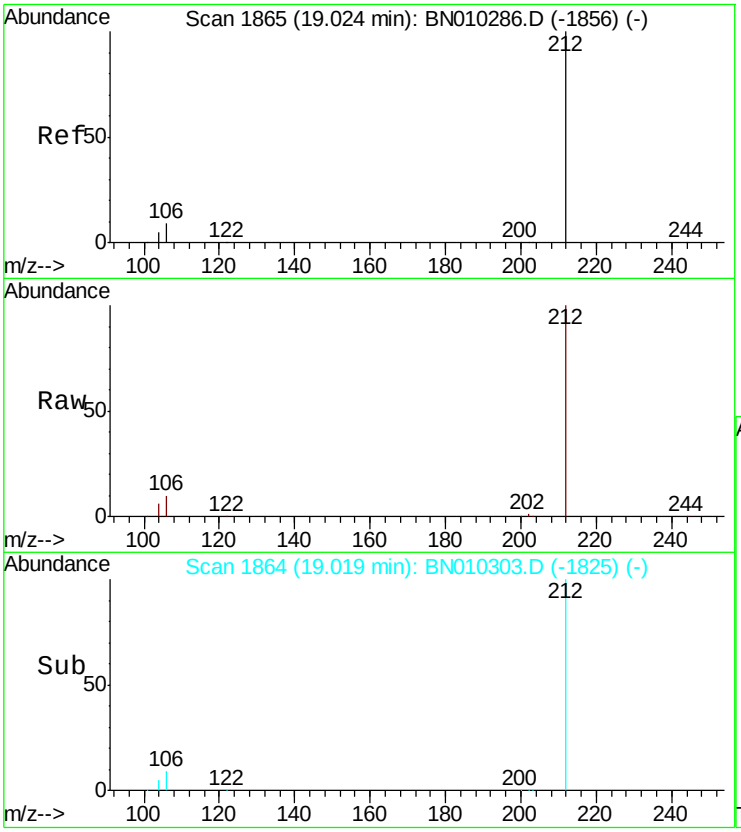




#24
Anthracene
Concen: 0.375 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:178 Resp: 19633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.5 | 21.7 |
| 179 | 15.6 | 12.3 | 18.5 |



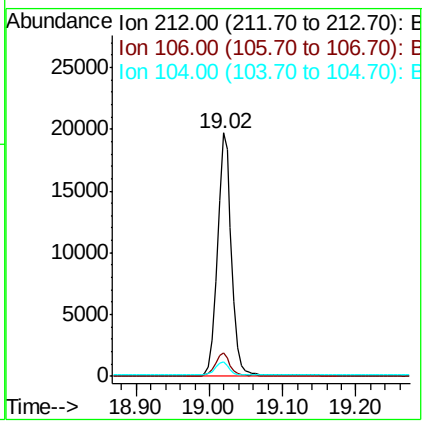


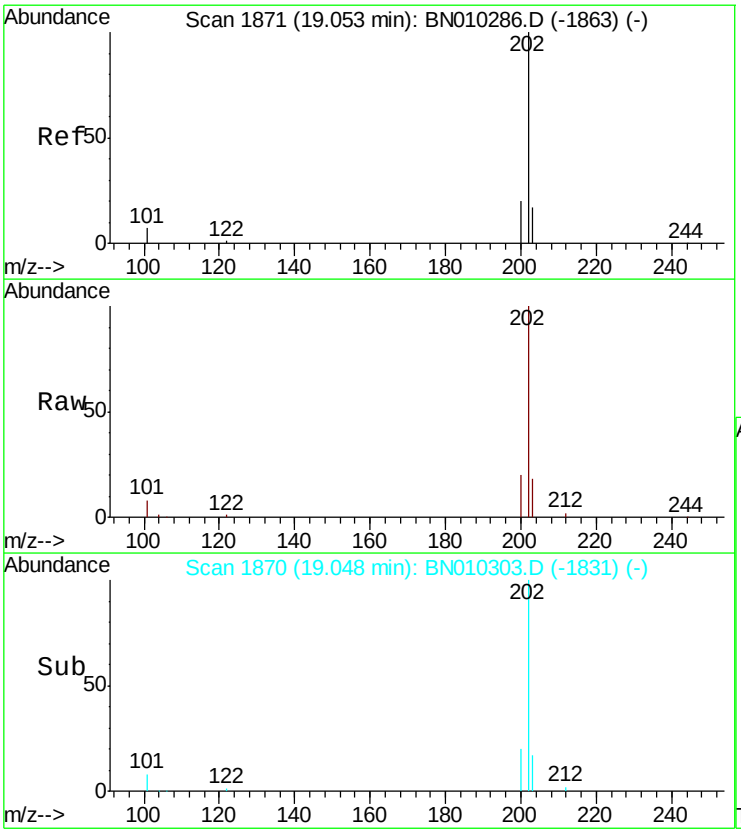

#25
Fluoranthene-d10
Concen: 0.386 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:212 Resp: 25885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 9.4 | 7.4 | 11.2 |
| 104 | 5.3 | 4.2 | 6.4 |

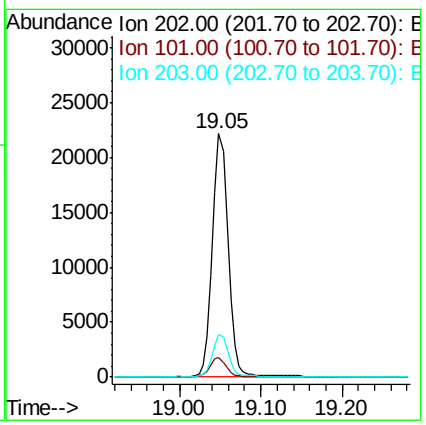


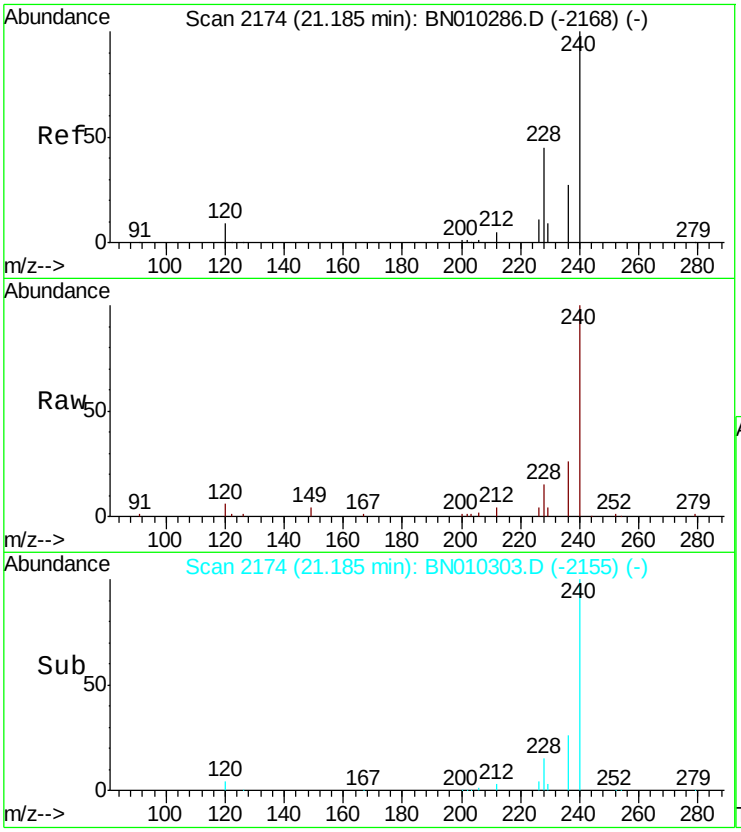




#26
Fluoranthene
Concen: 0.394 ng
RT: 19.05 min Scan# 1870
Delta R.T. -0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:202 Resp: 29547

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.0 | 6.6 | 9.8 |
| 203 | 17.1 | 13.8 | 20.8 |



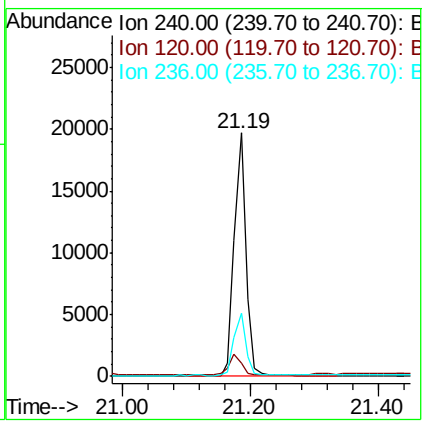


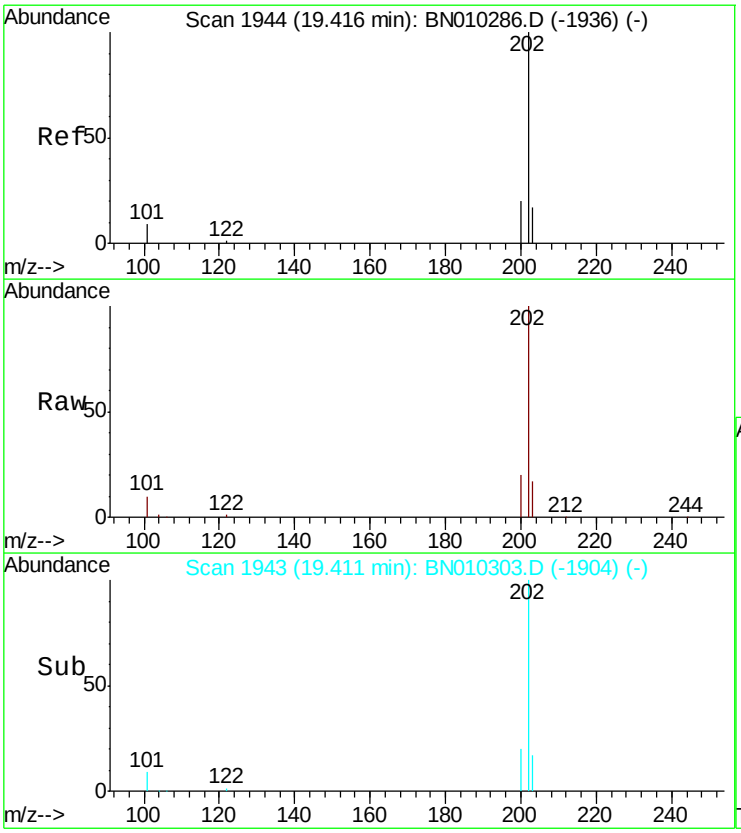

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:240 Resp: 24870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.6 | 7.9 | 11.9# |
| 236 | 26.1 | 22.2 | 33.4 |

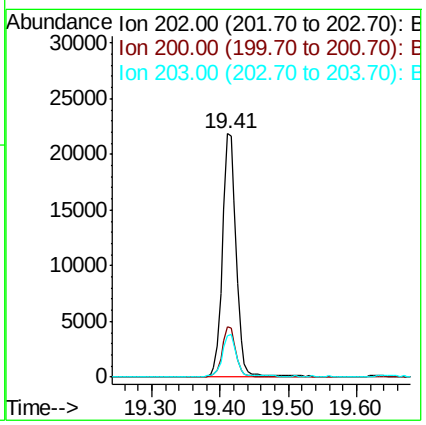


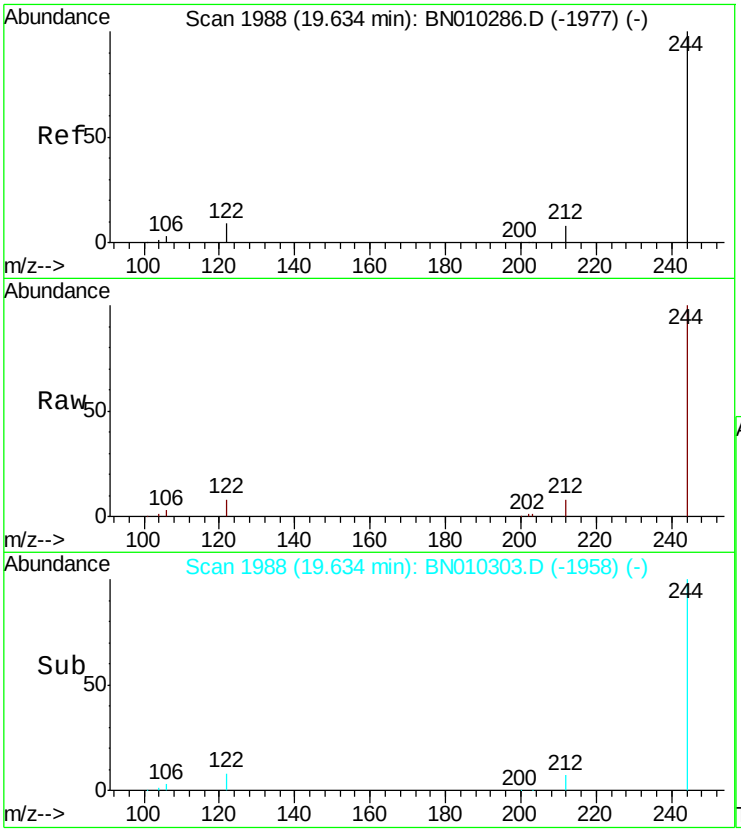




#28
Pyrene
Concen: 0.385 ng
RT: 19.41 min Scan# 1943
Delta R.T. -0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:202 Resp: 29847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.1 | 16.2 | 24.4 |
| 203 | 17.5 | 14.2 | 21.2 |



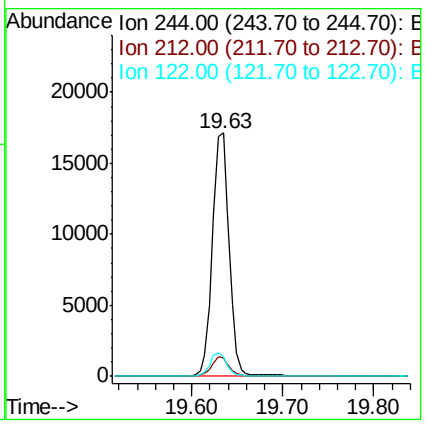


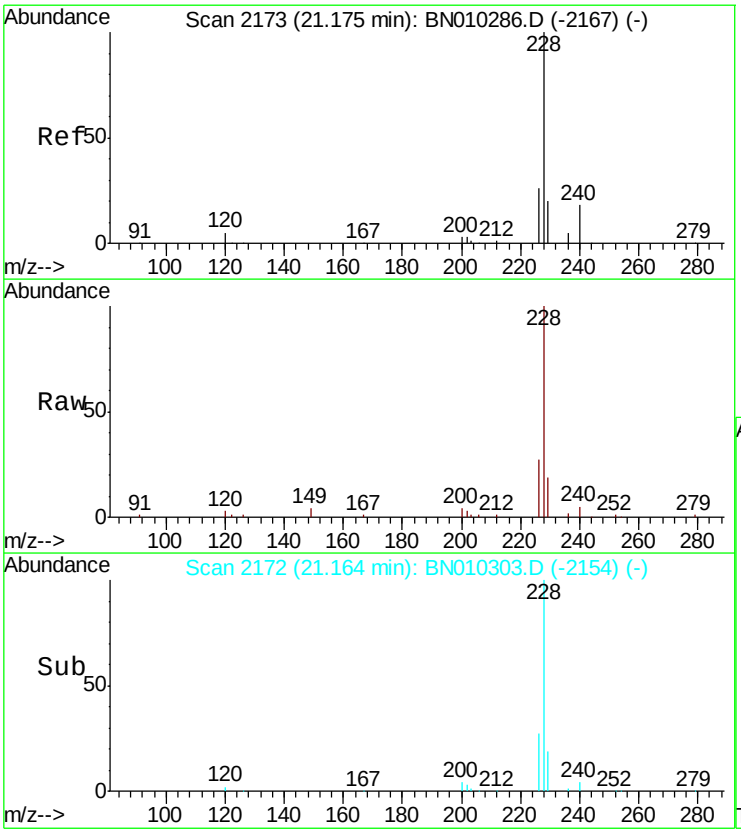

#29
Terphenyl-d14
Concen: 0.394 ng
RT: 19.63 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:244 Resp: 21183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.6 | 6.3 | 9.5 |
| 122 | 8.1 | 7.6 | 11.4 |

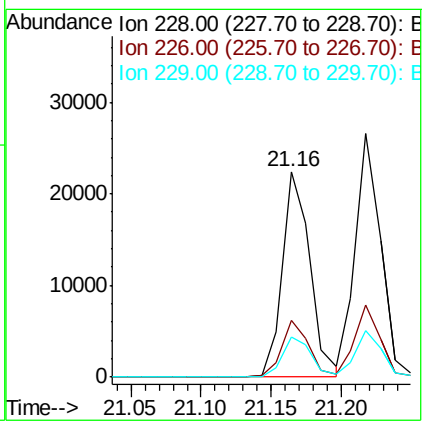


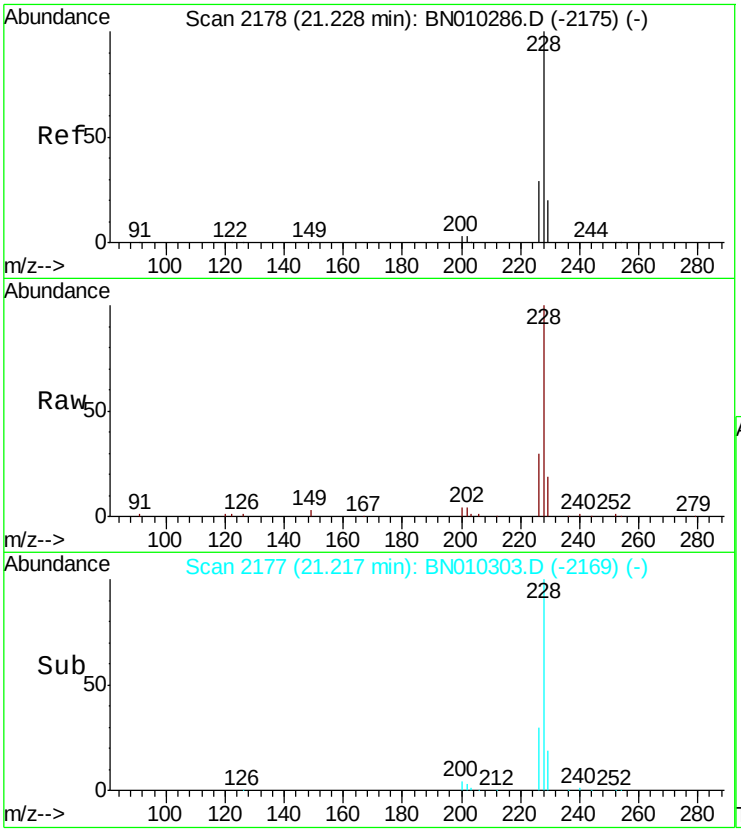




#30
Benzo(a)anthracene
Concen: 0.389 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:228 Resp: 30841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 21.0 | 31.4 |
| 229 | 19.5 | 16.0 | 24.0 |



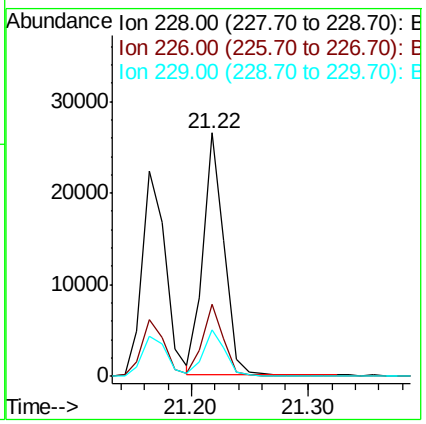


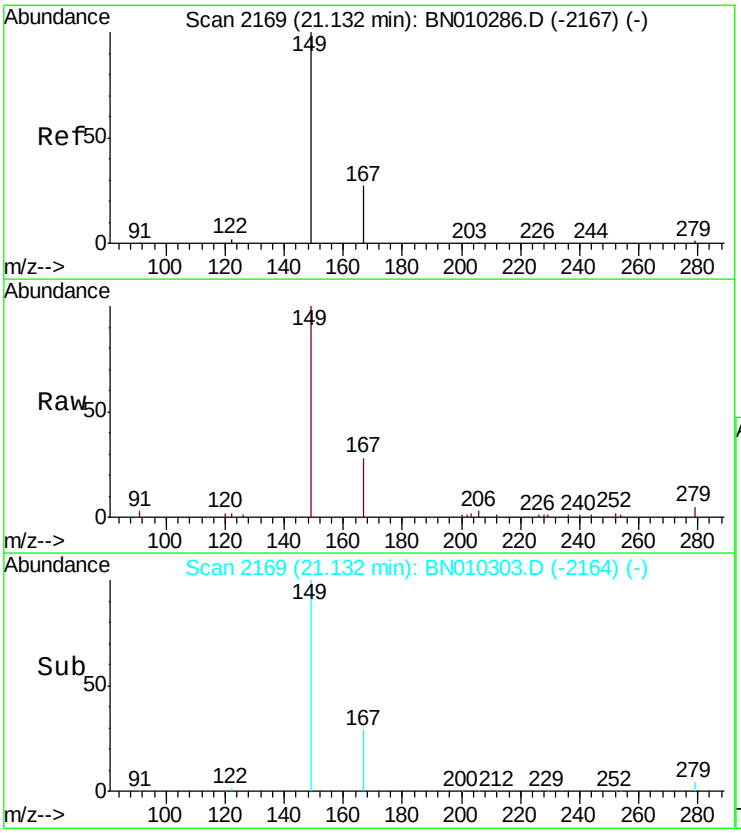

#31
Chrysene
Concen: 0.391 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:228 Resp: 33214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.7 | 23.0 | 34.6 |
| 229 | 19.1 | 16.0 | 24.0 |

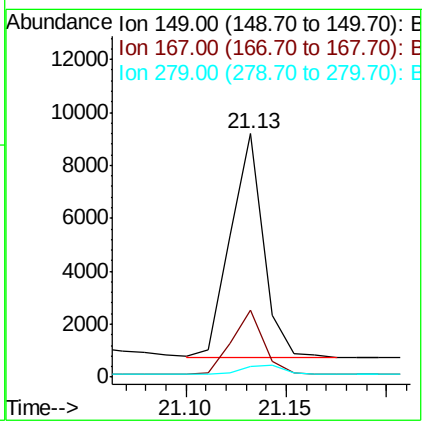


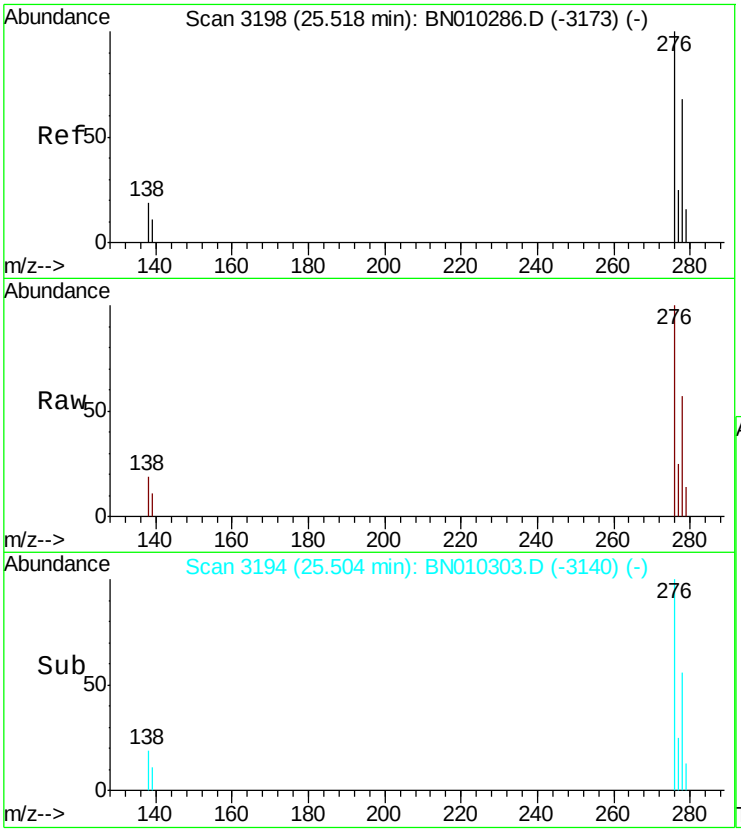




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 21.13 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:149 Resp: 9564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.7 | 23.0 | 34.6 |
| 279 | 4.8 | 3.8 | 5.8 |



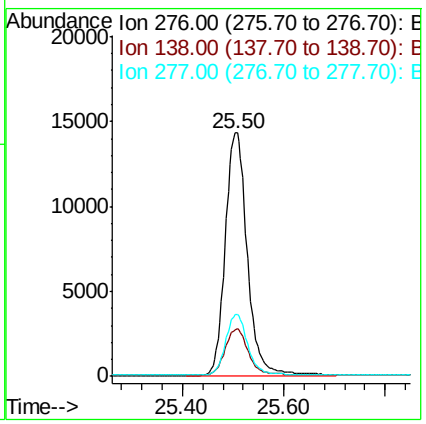


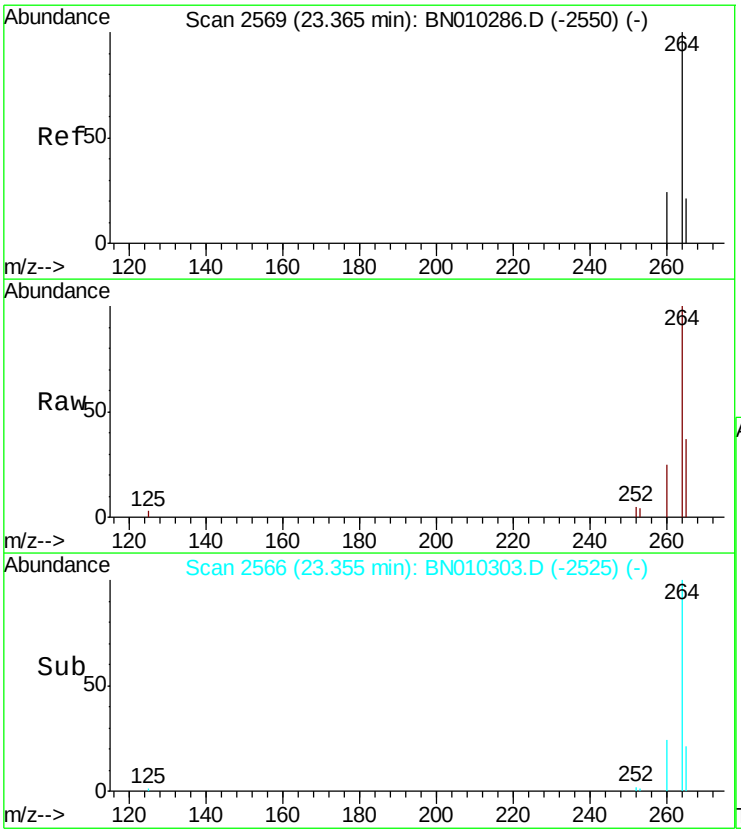

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.474 ng
RT: 25.50 min Scan# 3194
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:276 Resp: 43121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 20.0 | 15.6 | 23.4 |
| 277 | 25.1 | 20.1 | 30.1 |

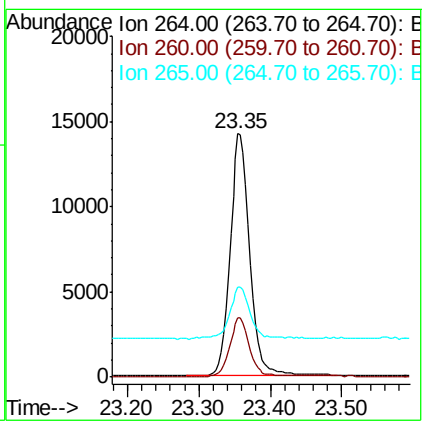


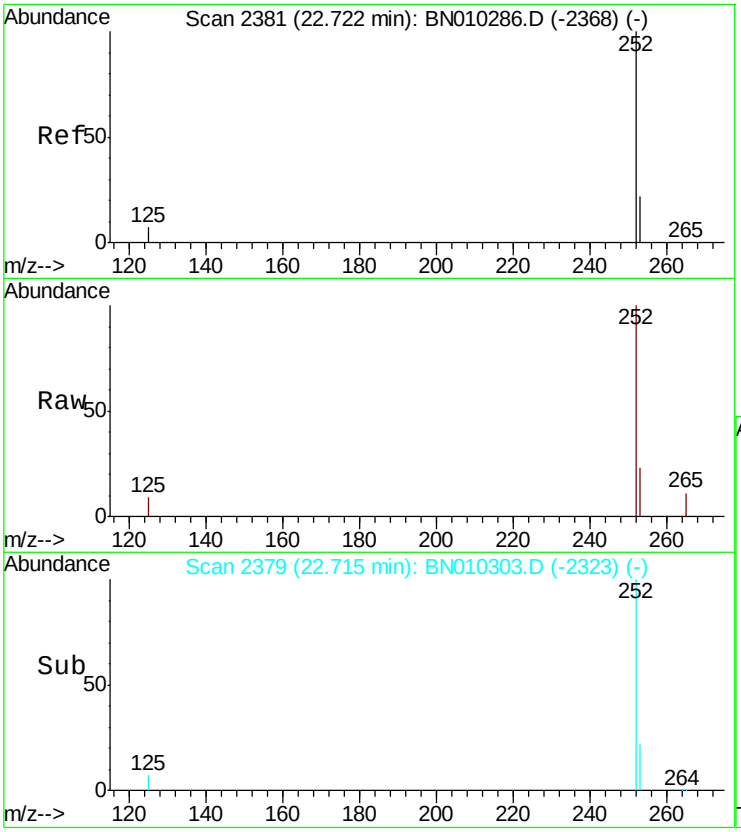




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.35 min Scan# 2566
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:264 Resp: 27067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.5 | 19.5 | 29.3 |
| 265 | 36.8 | 32.4 | 48.6 |



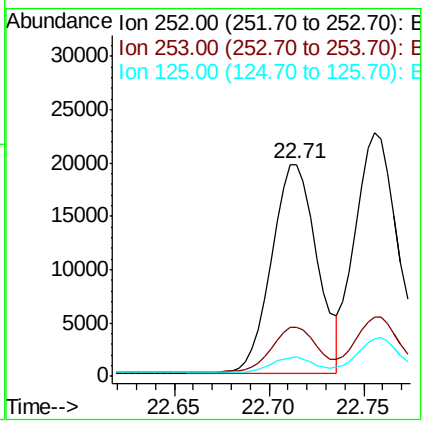


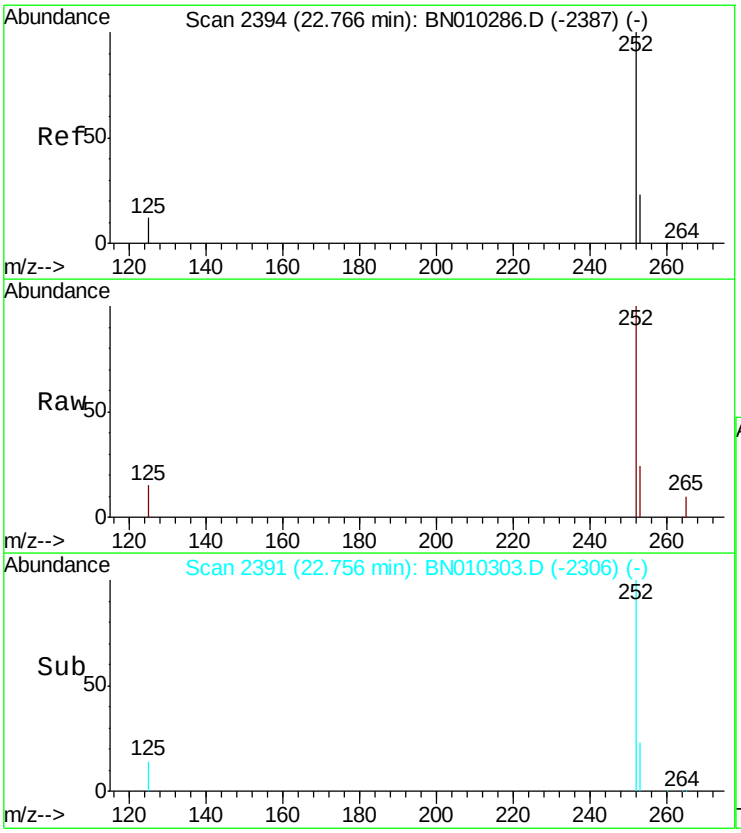

#35
Benzo(b)fluoranthene
Concen: 0.352 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:252 Resp: 32370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.4 | 19.2 | 28.8 |
| 125 | 9.0 | 7.4 | 11.0 |

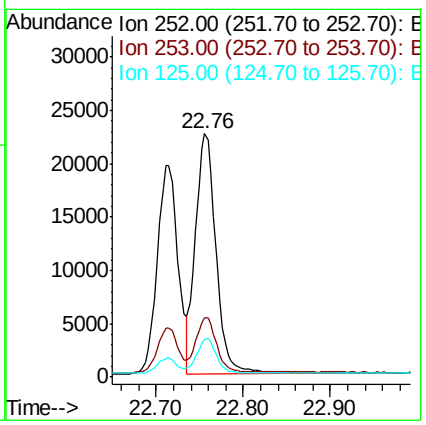


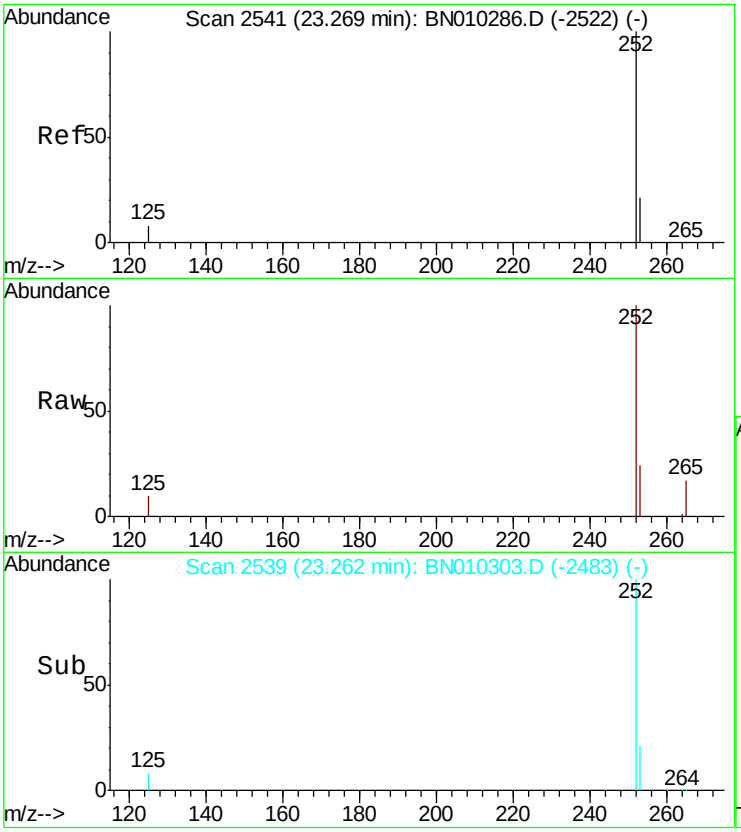




#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:252 Resp: 36717

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 19.4 | 29.0 |
| 125 | 15.4 | 10.2 | 15.2# |



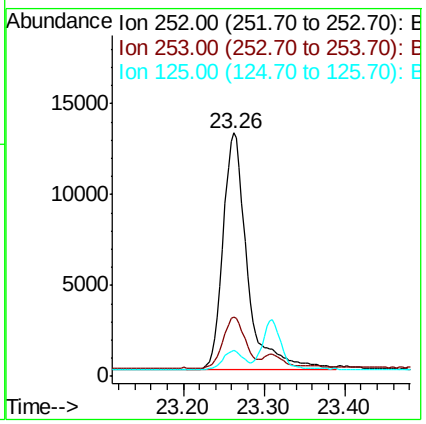


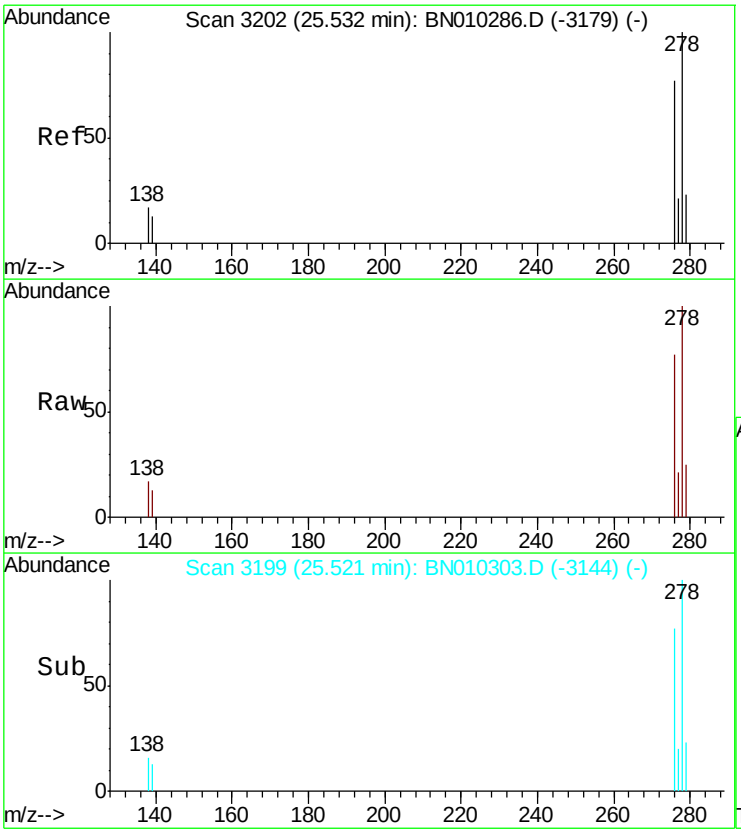

#37
Benzo(a)pyrene
Concen: 0.357 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:252 Resp: 27734

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 19.9 | 29.9 |
| 125 | 10.5 | 8.9 | 13.3 |

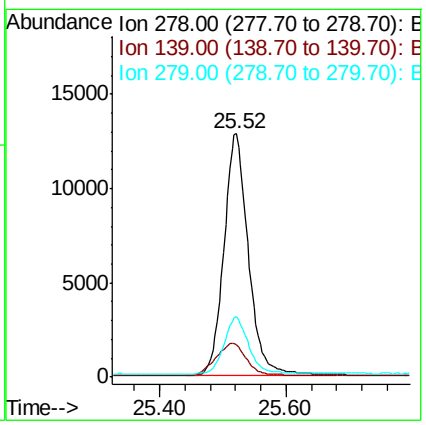


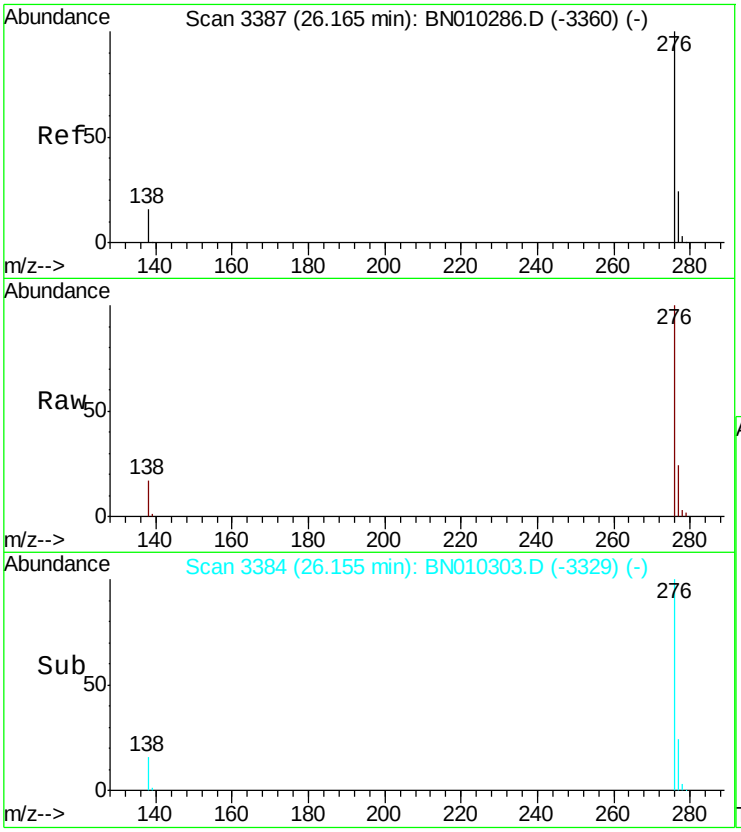




#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.52 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

Tgt Ion:278 Resp: 34933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.2 | 10.6 | 16.0 |
| 279 | 24.7 | 19.8 | 29.6 |






#39
Benzo(g,h,i)perylene
Concen: 0.380 ng
RT: 26.15 min Scan# 3384
Delta R.T. -0.01 min
Lab File: BN010303.D
Acq: 20 Mar 2020 00:03

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4EC

Tgt Ion:276 Resp: 32119

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.5 | 19.6 | 29.4 |
| 138 | 16.6 | 13.3 | 19.9 |