Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010237.D
Acq On : 17 Mar 2020 13:34
Operator : CG/JU
Sample : PB127507BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 17 14:10:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.64 | 152 | 3093 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.39 | 136 | 10603 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.25 | 164 | 6303 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.00 | 188 | 14964 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.19 | 240 | 15602 | 0.40 | ng | | -0.01 |
| 34) Perylene-d12 | 23.37 | 264 | 15850 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.26 | 112 | 2296 | 0.32 | ng | | 0.00 |
| 5) Phenol-d6 | 6.81 | 99 | 2957 | 0.33 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.76 | 82 | 2489 | 0.39 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.98 | 152 | 6580 | 0.38 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.74 | 330 | 754 | 0.33 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.88 | 172 | 9899 | 0.44 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.03 | 212 | 17325 | 0.38 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.64 | 244 | 13646 | 0.38 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.26 | 88 | 1170 | 0.388 | ng | # | 55 |
| 3) n-Nitrosodimethylamine | 3.58 | 42 | 828 | 0.310 | ng | # | 35 |
| 6) bis(2-Chloroethyl)ether | 7.07 | 93 | 2876 | 0.380 | ng | | 95 |
| 9) Naphthalene | 10.44 | 128 | 10428 | 0.393 | ng | | 96 |
| 10) Hexachlorobutadiene | 10.75 | 225 | 2648 | 0.433 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 12.06 | 142 | 7166 | 0.376 | ng | | 96 |
| 16) Acenaphthylene | 13.97 | 152 | 9919 | 0.341 | ng | | 100 |
| 17) Acenaphthene | 14.31 | 154 | 6808 | 0.386 | ng | | 97 |
| 18) Fluorene | 15.31 | 166 | 9306 | 0.387 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.20 | 248 | 3498 | 0.407 | ng | | 96 |
| 21) Hexachlorobenzene | 16.31 | 284 | 3798 | 0.453 | ng | | 99 |
| 22) Pentachlorophenol | 16.65 | 266 | 839 | 0.324 | ng | | 91 |
| 23) Phenanthrene | 17.03 | 178 | 16021 | 0.404 | ng | | 100 |
| 24) Anthracene | 17.12 | 178 | 13360 | 0.338 | ng | | 99 |
| 26) Fluoranthene | 19.06 | 202 | 19493 | 0.388 | ng | | 99 |
| 28) Pyrene | 19.42 | 202 | 19357 | 0.371 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.17 | 228 | 18018 | 0.340 | ng | | 99 |
| 31) Chrysene | 21.23 | 228 | 21344 | 0.409 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.14 | 149 | 4476 | 0.198 | ng | # | 96 |
| 33) Indeno(1,2,3-cd)pyrene | 25.52 | 276 | 21866 | 0.353 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.72 | 252 | 19929 | 0.409 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.76 | 252 | 20856 | 0.423 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.27 | 252 | 16933 | 0.368 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.54 | 278 | 18187 | 0.394 | ng | | 98 |
| 39) Benzo(g,h,i)perylene | 26.16 | 276 | 18770 | 0.407 | ng | | 98 |

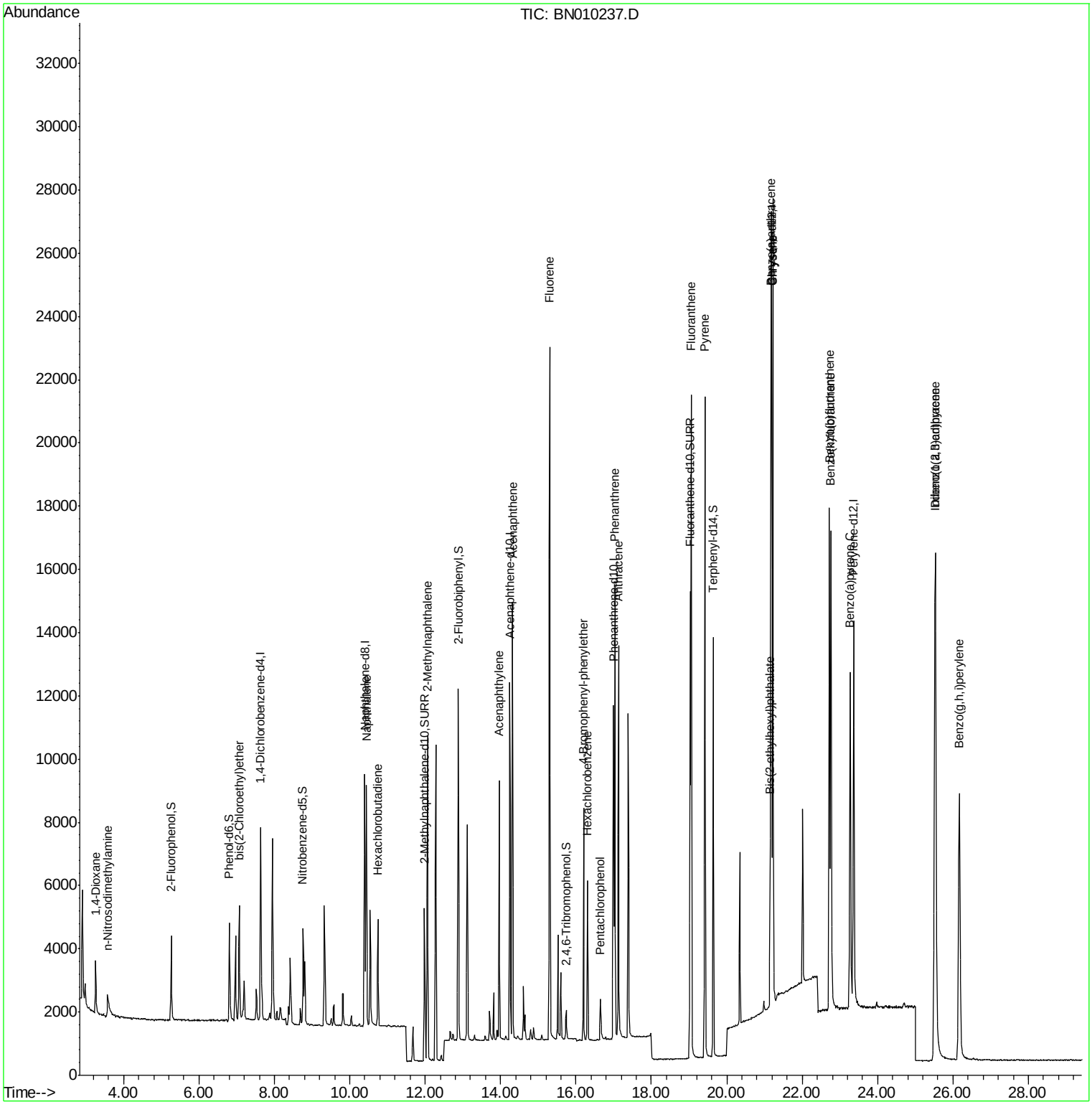
(#) = qualifier out of range (m) = manual integration (+) = signals summed

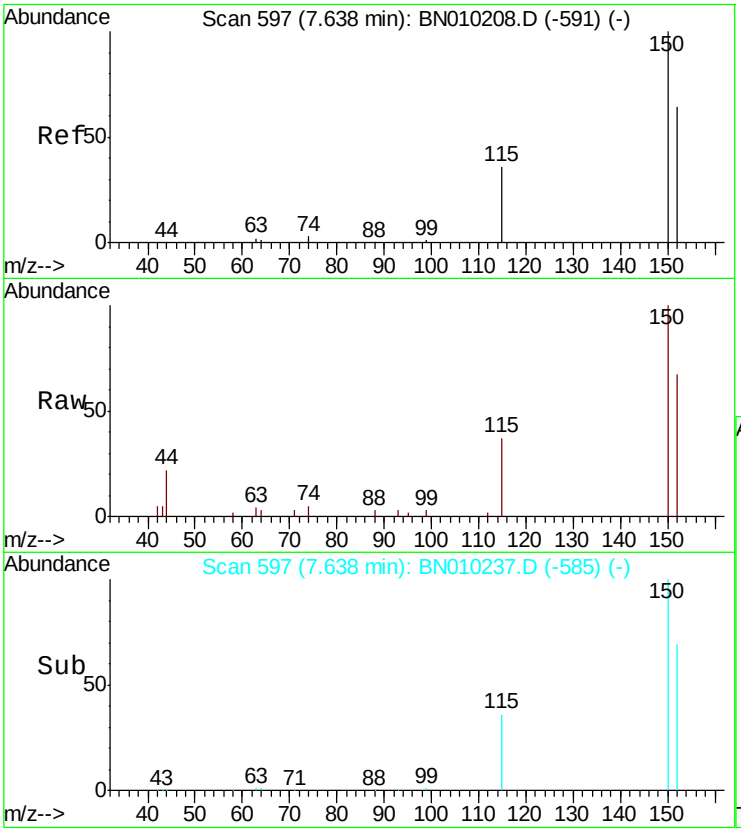
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031720\
Data File : BN010237.D
Acq On : 17 Mar 2020 13:34
Operator : CG/JU
Sample : PB127507BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 17 14:10:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN031320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 02:17:23 2020
Response via : Initial Calibration



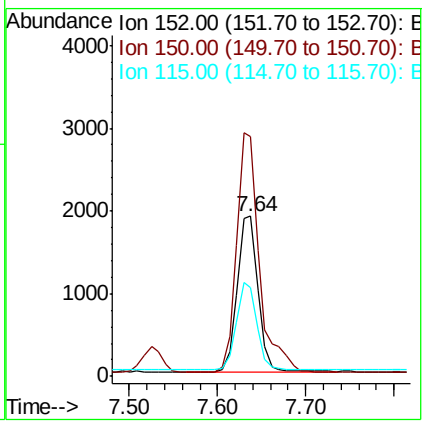


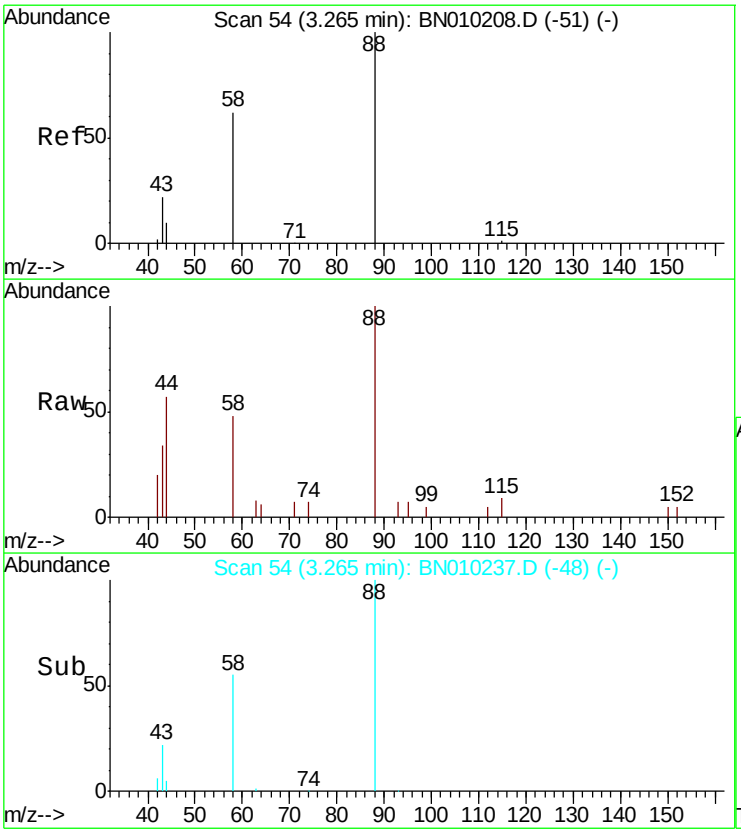

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 597
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:152 Resp: 3093

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.5 | 119.5 | 179.3 |
| 115 | 55.4 | 50.9 | 76.3 |

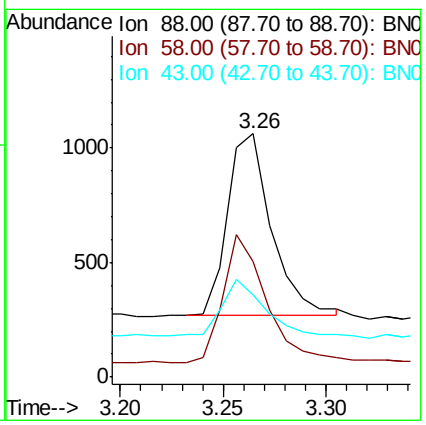


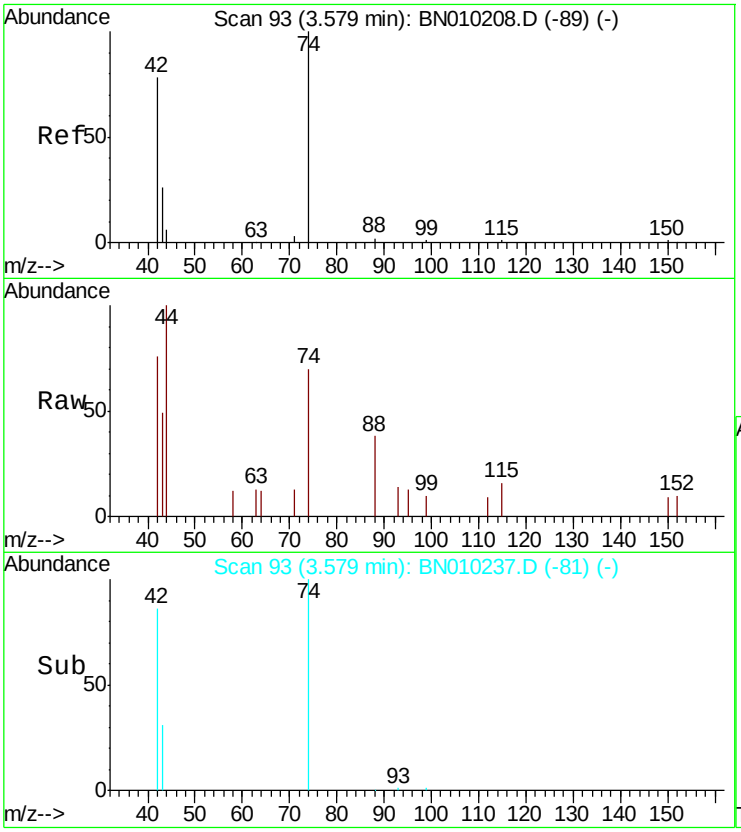




#2
1,4-Dioxane
Concen: 0.388 ng
RT: 3.26 min Scan# 54
Delta R.T. 0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion: 88 Resp: 1170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 69.4 | 97.8 | 146.8# |
| 43 | 27.4 | 45.1 | 67.7# |



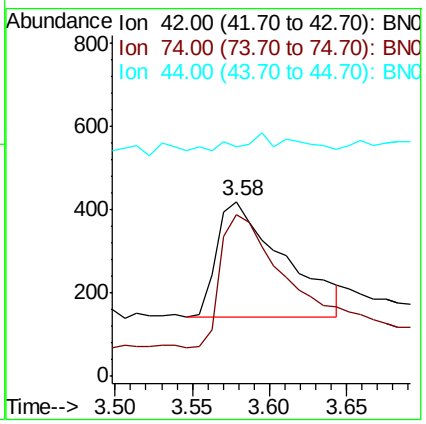


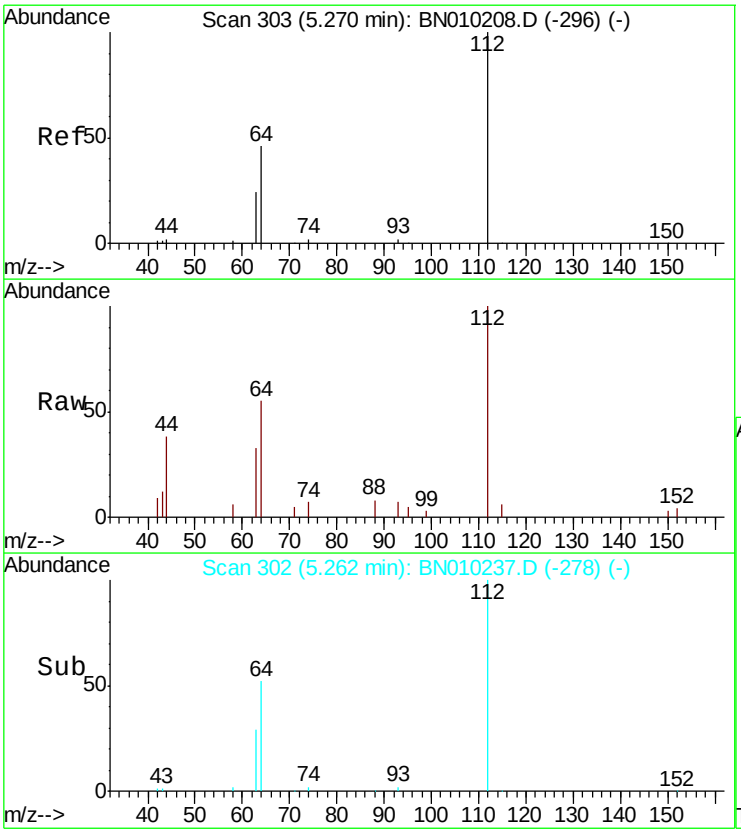

#3
n-Nitrosodimethylamine
Concen: 0.310 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion: 42 Resp: 828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 116.3 | 51.2 | 76.8# |
| 44 | 14.6 | 2.6 | 4.0# |

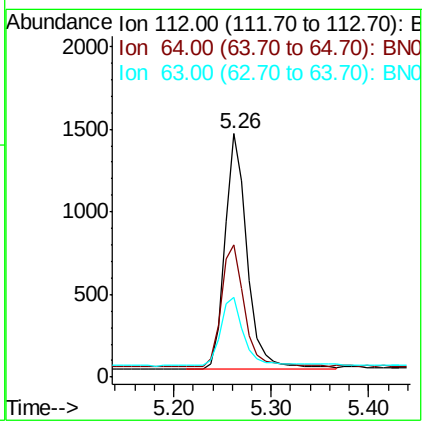


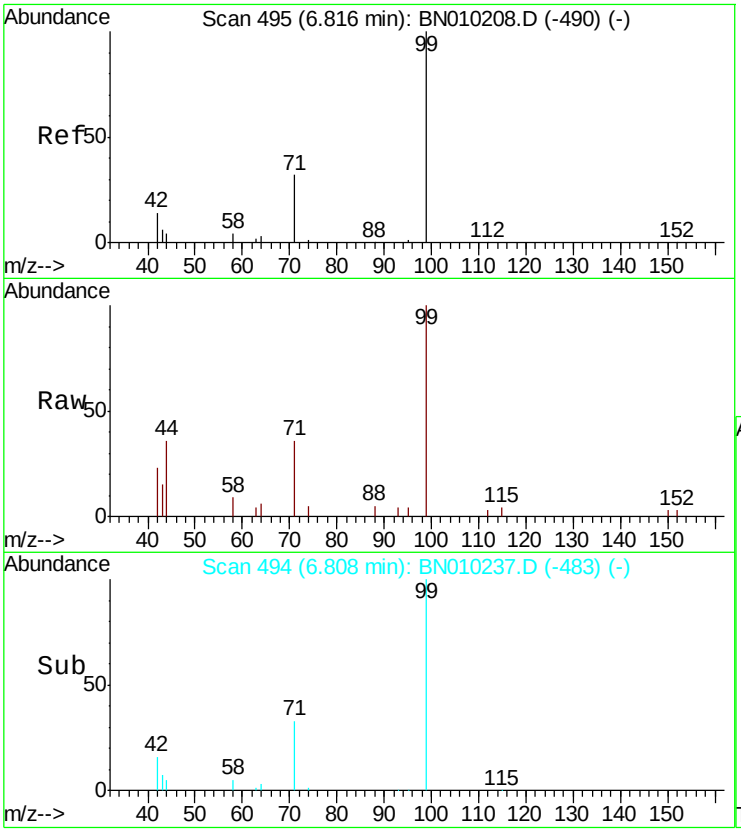




#4
2-Fluorophenol
Concen: 0.316 ng
RT: 5.26 min Scan# 302
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:112 Resp: 2296

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.9 | 42.6 | 63.8 |
| 63 | 29.1 | 23.6 | 35.4 |



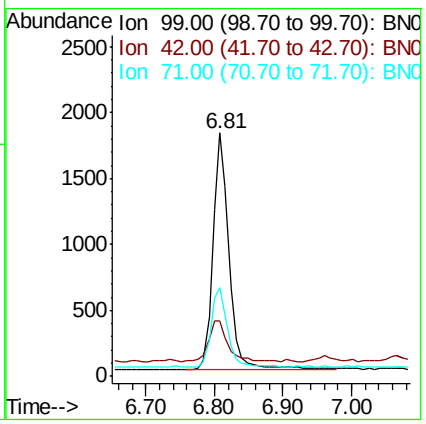


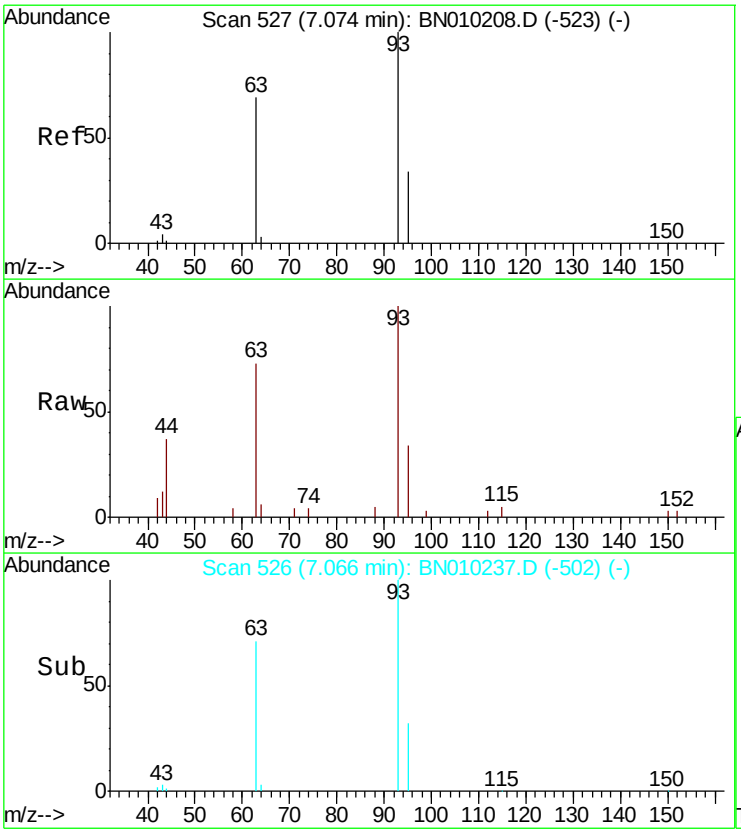

#5
Phenol-d6
Concen: 0.326 ng
RT: 6.81 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion: 99 Resp: 2957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.6 | 12.0 | 18.0# |
| 71 | 34.4 | 22.6 | 33.8# |

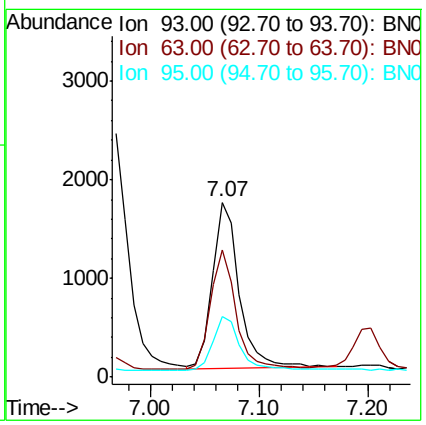


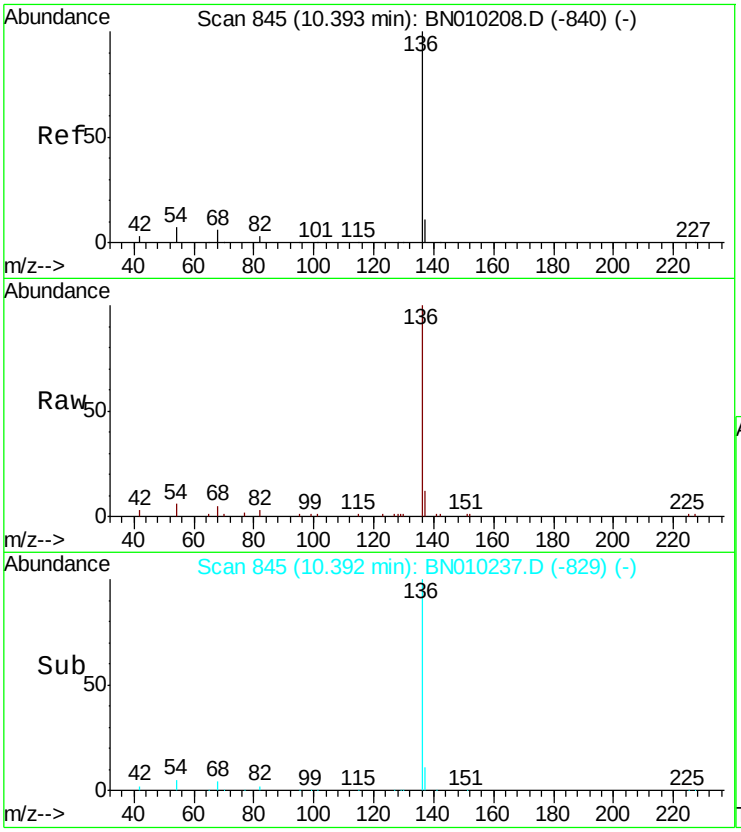




#6
bis(2-Chloroethyl)ether
Concen: 0.380 ng
RT: 7.07 min Scan# 526
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion: 93 Resp: 2876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 70.1 | 53.4 | 80.0 |
| 95 | 32.5 | 28.6 | 42.8 |



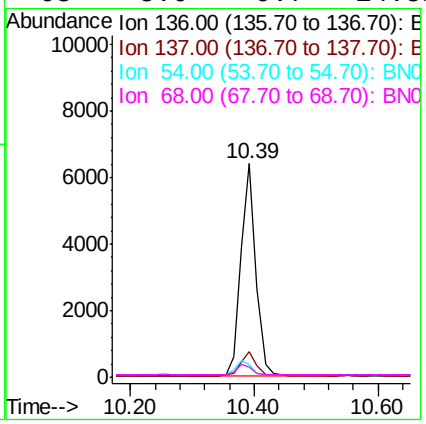


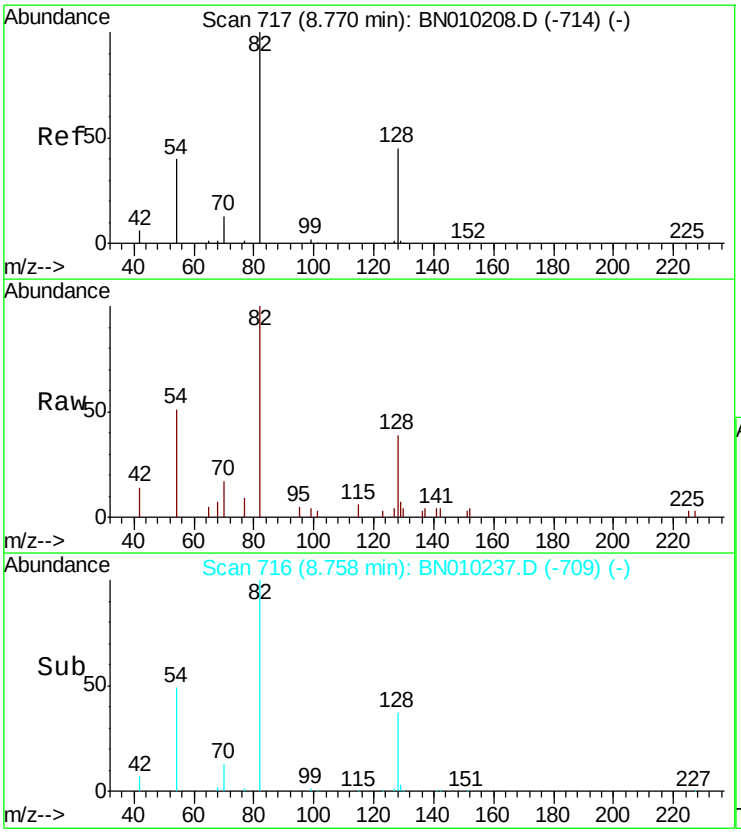

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 845
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:136 Resp: 10603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.7 | 10.6 | 15.8 |
| 54 | 5.8 | 9.5 | 14.3# |
| 68 | 5.0 | 9.7 | 14.5# |

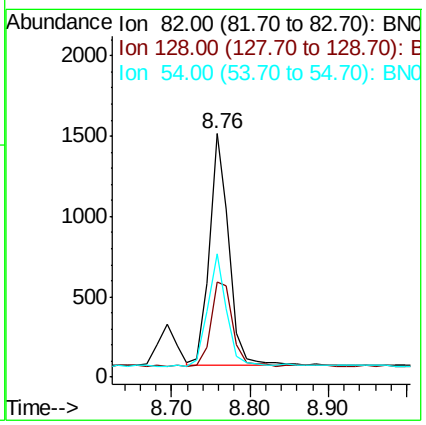


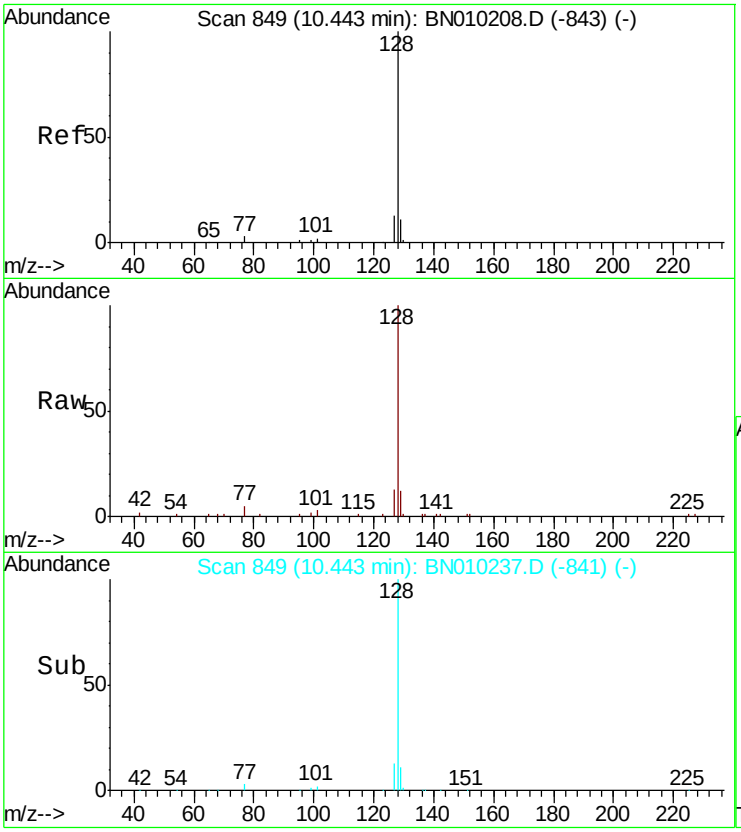




#8
Nitrobenzene-d5
Concen: 0.391 ng
RT: 8.76 min Scan# 716
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion: 82 Resp: 2489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 35.0 | 52.6 |
| 54 | 50.8 | 37.0 | 55.4 |



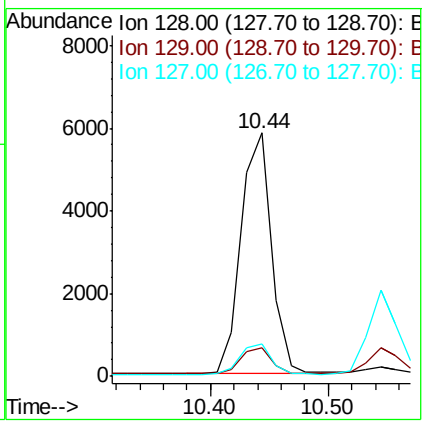


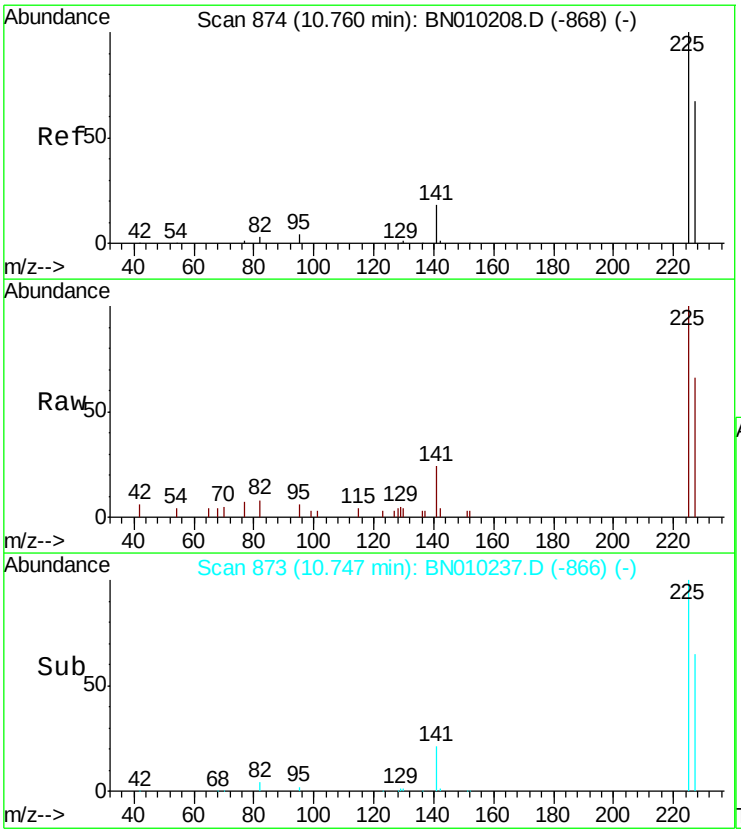

#9
Naphthalene
Concen: 0.393 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:128 Resp: 10428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 12.0 | 10.5 | 15.7 |
| 127 | 13.3 | 12.1 | 18.1 |

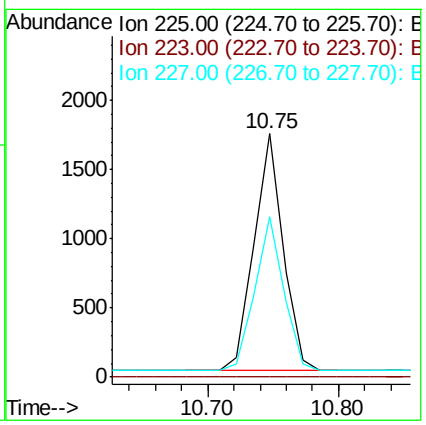


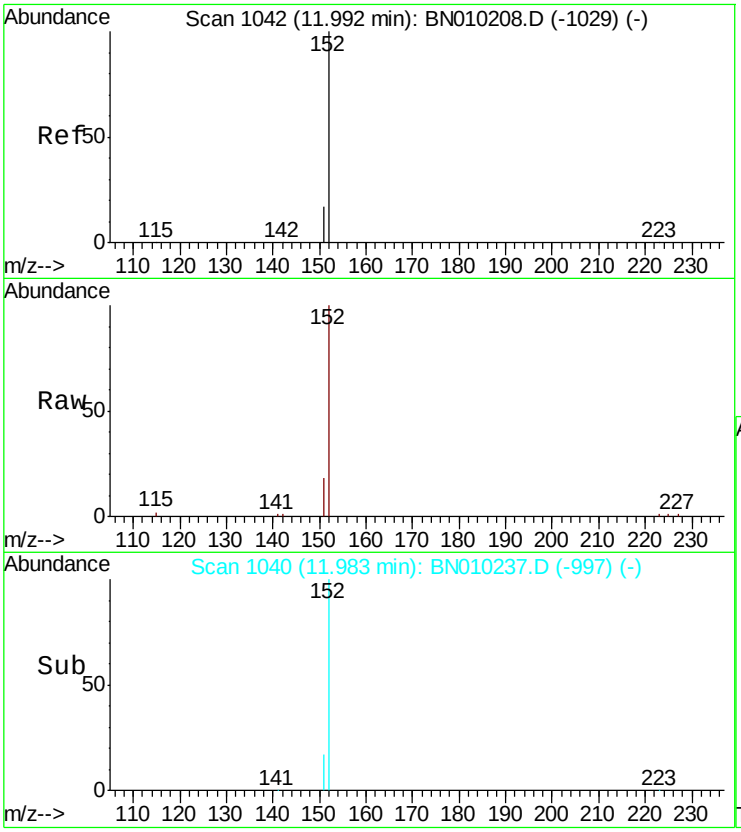




#10
Hexachlorobutadiene
Concen: 0.433 ng
RT: 10.75 min Scan# 873
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:225 Resp: 2648

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 64.5 | 53.4 | 80.2 |



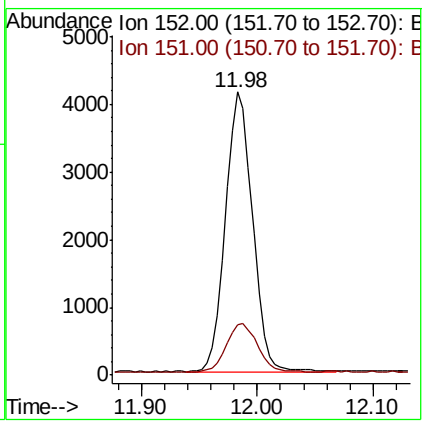


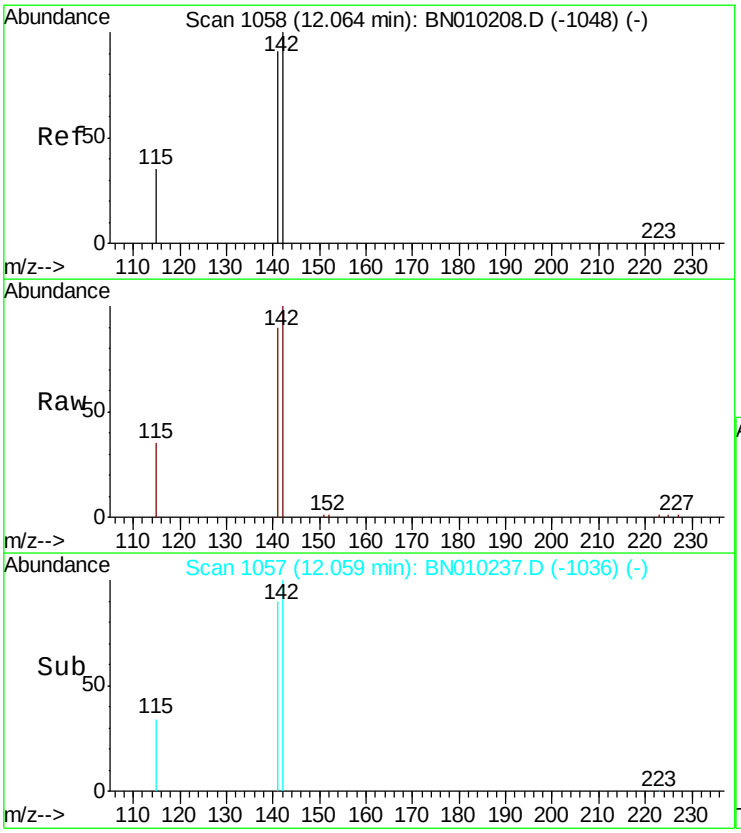

#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:152 Resp: 6580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.7 | 15.0 | 22.6 |

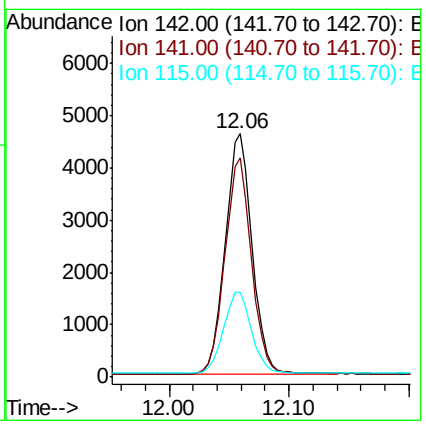


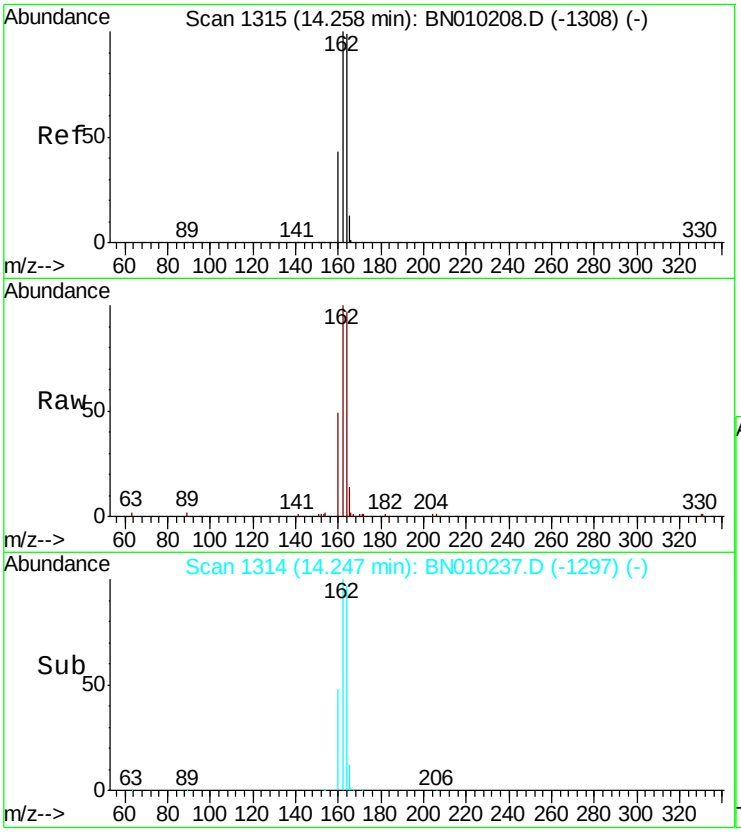




#12
2-Methylnaphthalene
Concen: 0.376 ng
RT: 12.06 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:142 Resp: 7166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.8 | 73.7 | 110.5 |
| 115 | 35.0 | 31.2 | 46.8 |



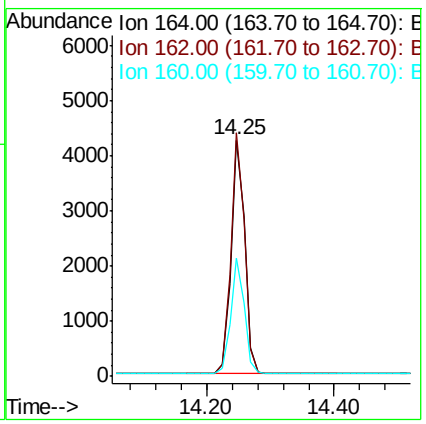


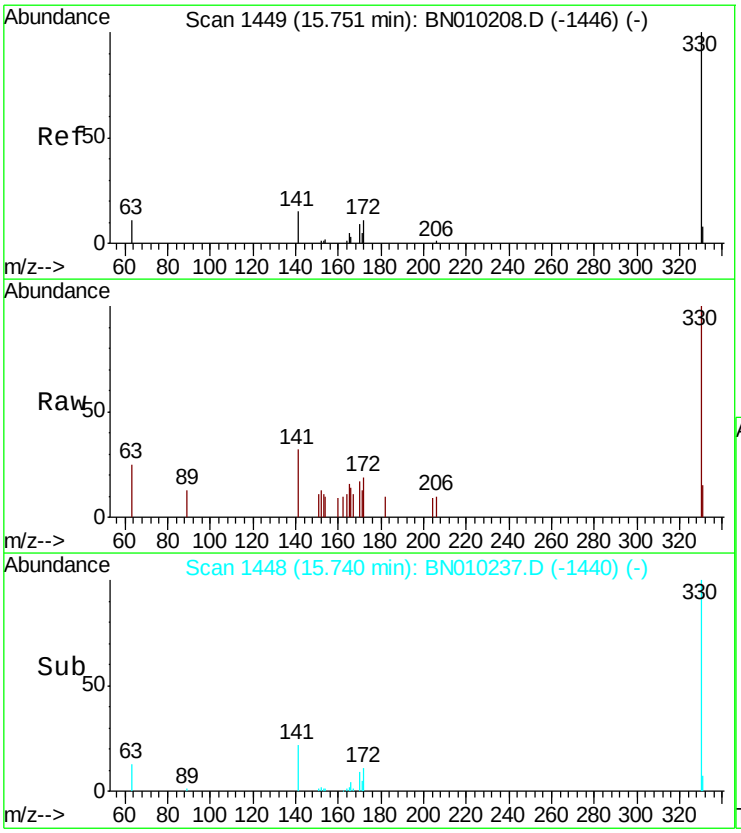

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:164 Resp: 6303

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.1 | 81.0 | 121.4 |
| 160 | 50.2 | 35.6 | 53.4 |

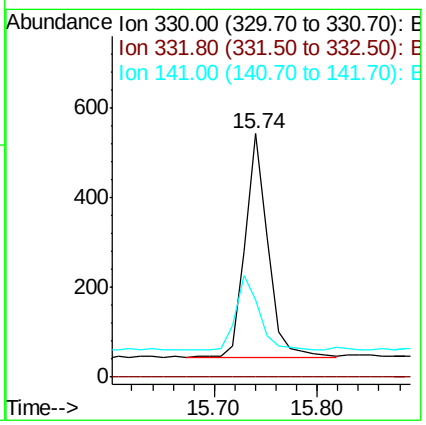


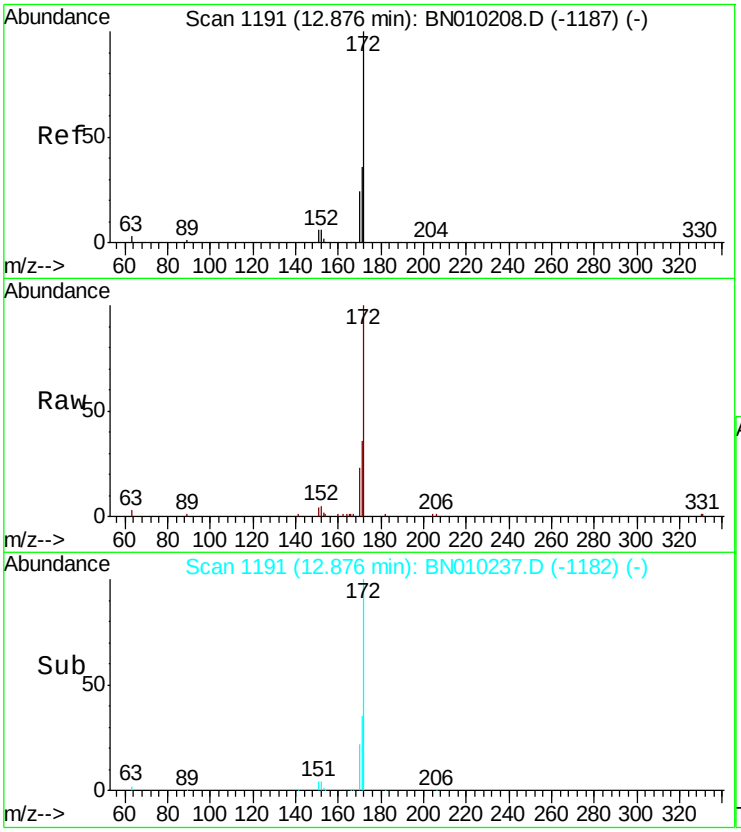




#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.74 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:330 Resp: 754

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 35.0 | 25.1 | 37.7 |



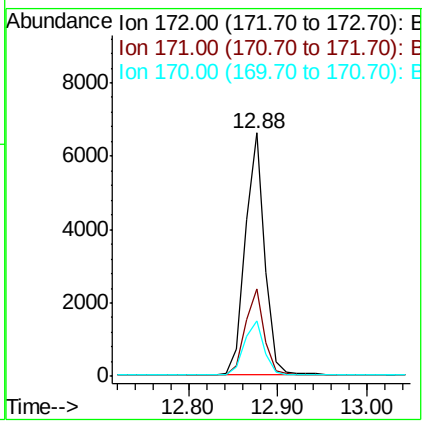


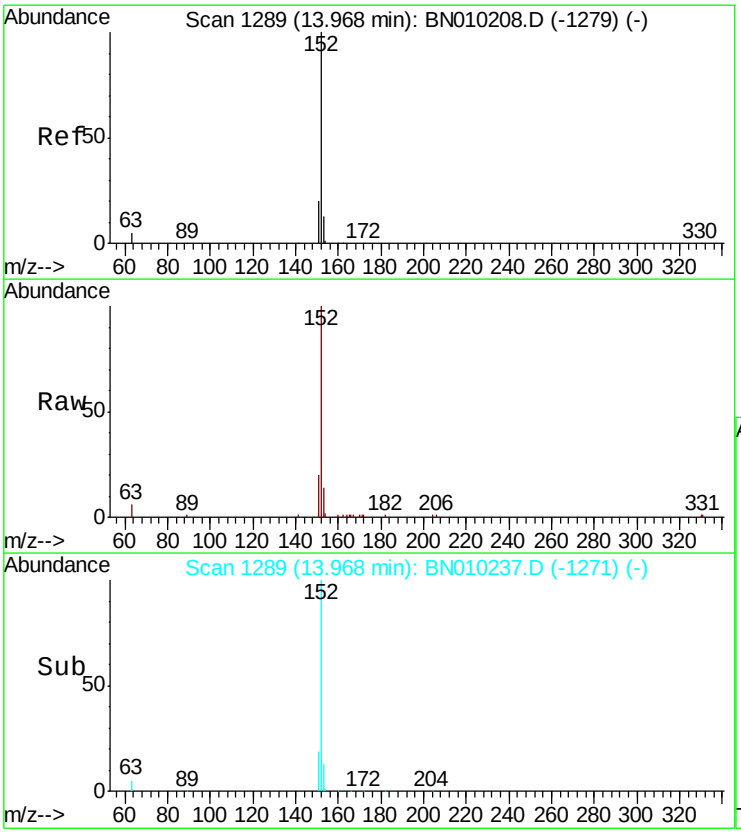

#15
2-Fluorobiphenyl
Concen: 0.441 ng
RT: 12.88 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:172 Resp: 9899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.4 | 44.2 |
| 170 | 22.8 | 20.2 | 30.4 |

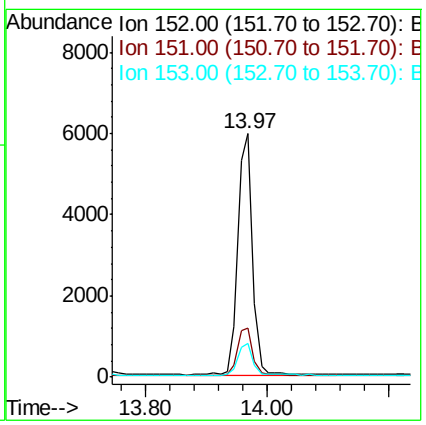


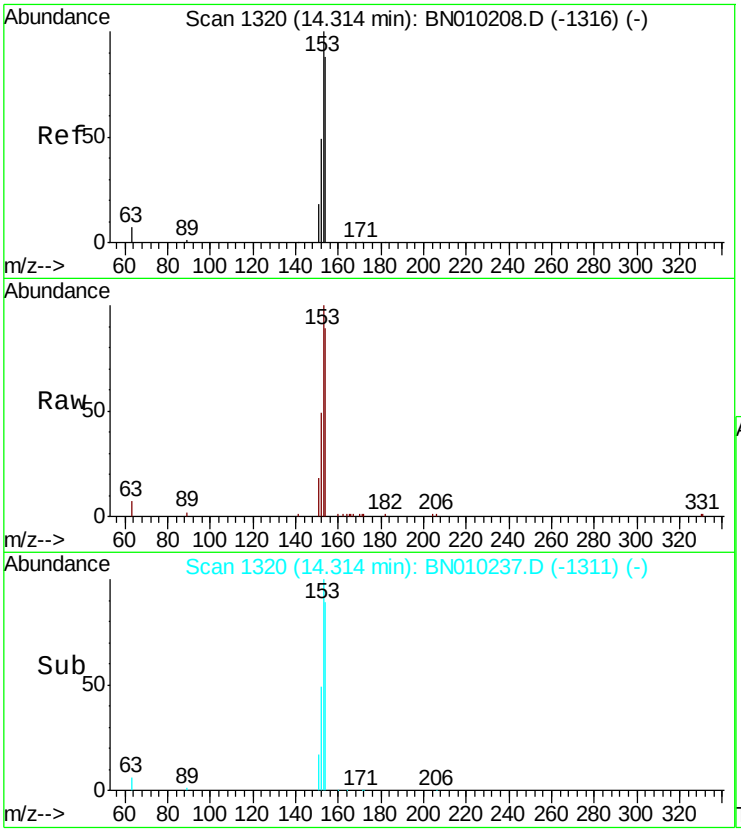




#16
Acenaphthylene
Concen: 0.341 ng
RT: 13.97 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:152 Resp: 9919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.8 | 15.8 | 23.6 |
| 153 | 13.2 | 10.6 | 16.0 |



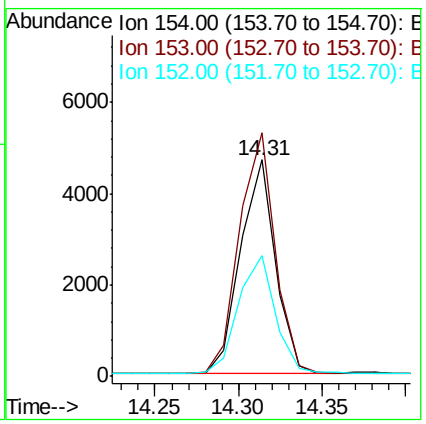


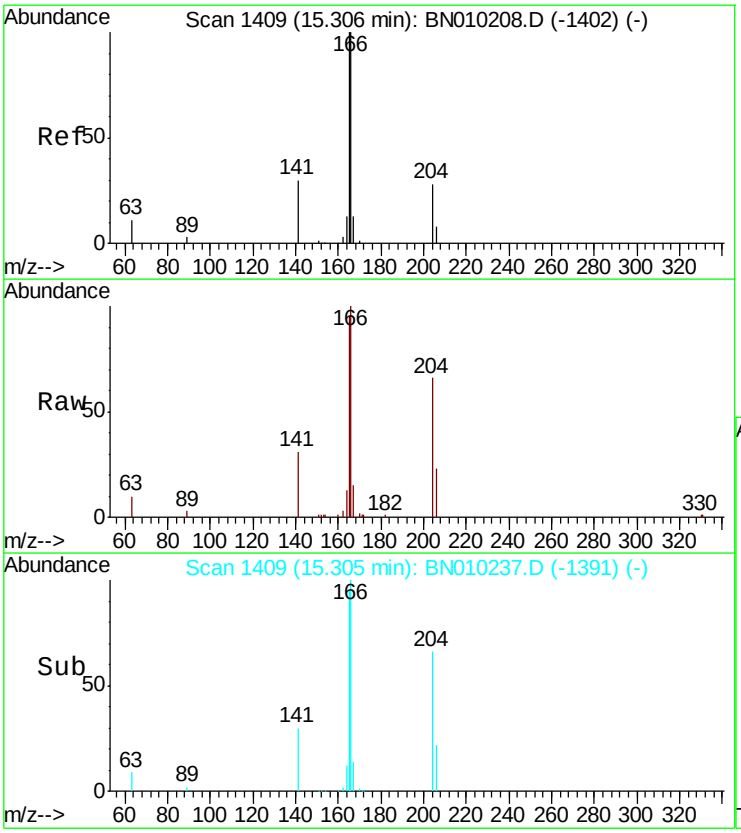

#17
Acenaphthene
Concen: 0.386 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:154 Resp: 6808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.0 | 90.3 | 135.5 |
| 152 | 58.1 | 42.9 | 64.3 |

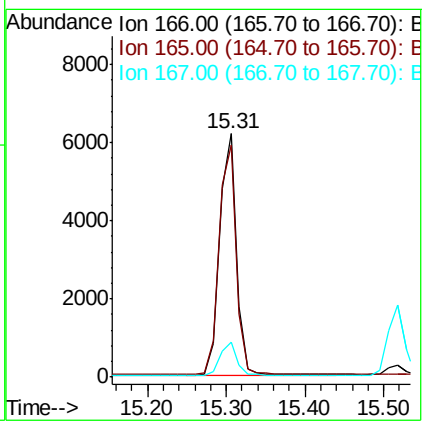


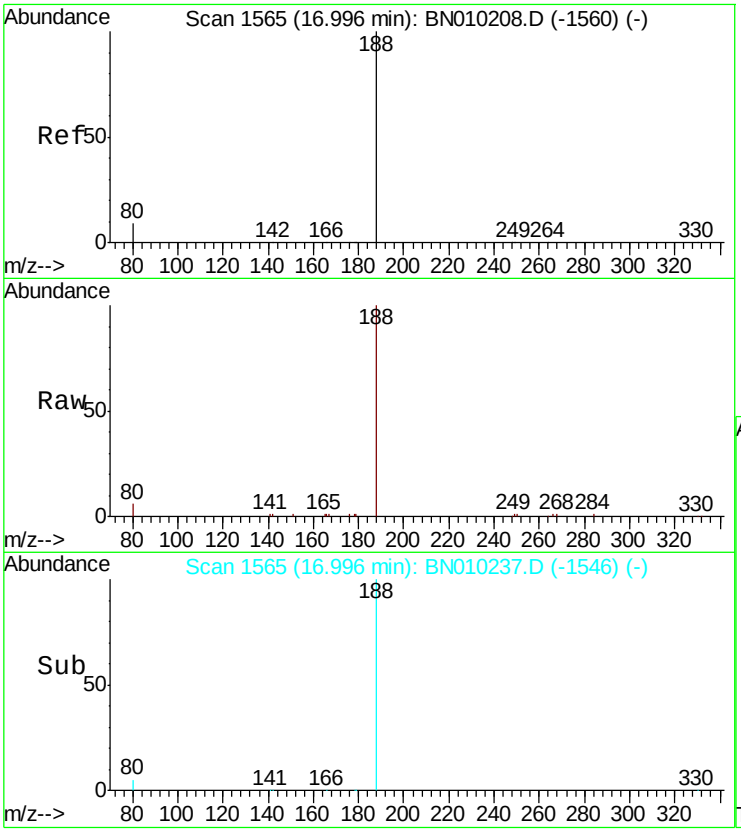




#18
Fluorene
Concen: 0.387 ng
RT: 15.31 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:166 Resp: 9306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.2 | 78.3 | 117.5 |
| 167 | 13.5 | 10.7 | 16.1 |



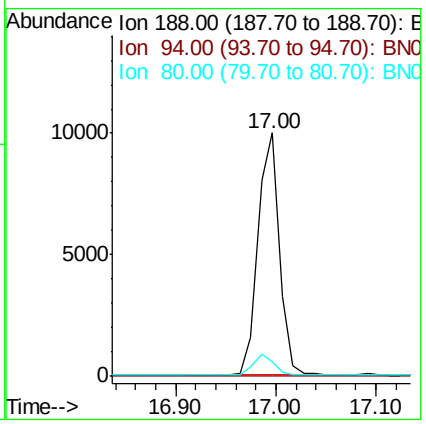


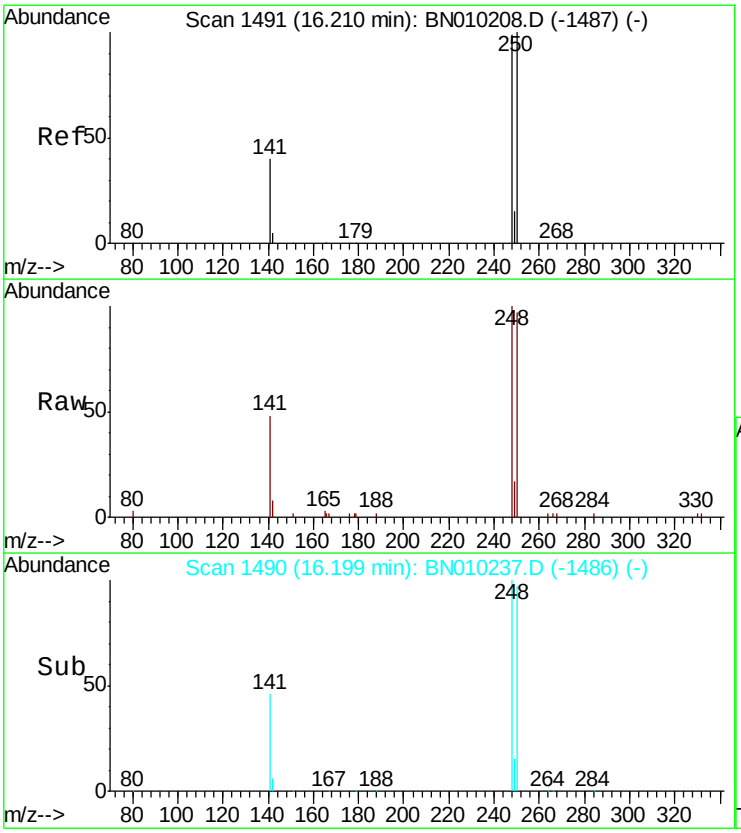

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:188 Resp: 14964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 6.1 | 8.6 | 12.8# |

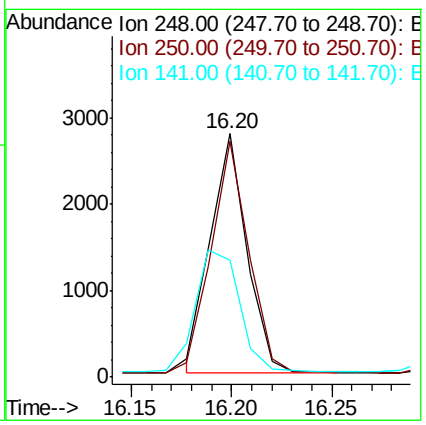


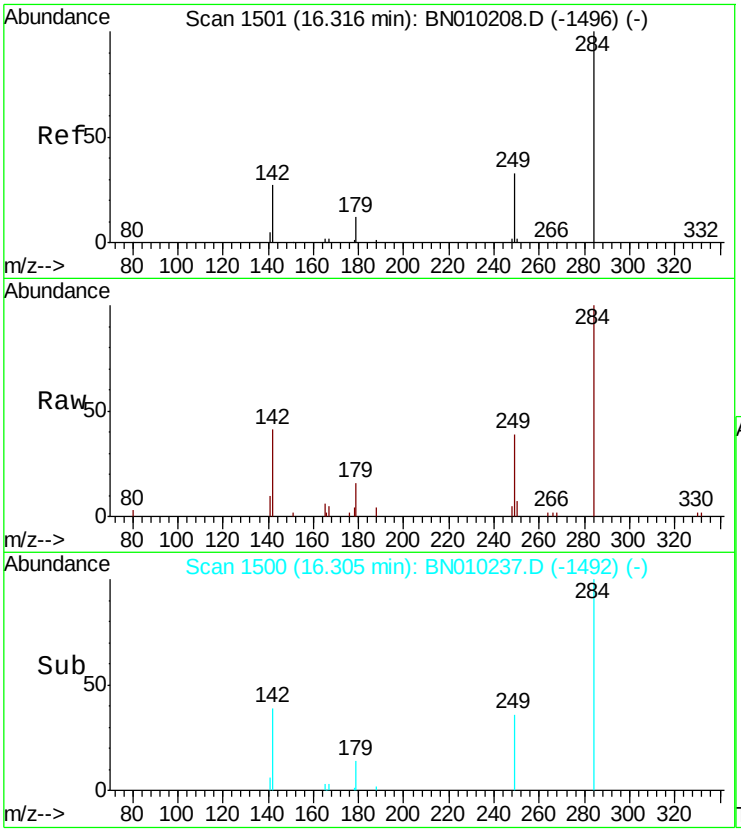




#20
4-Bromophenyl-phenylether
Concen: 0.407 ng
RT: 16.20 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:248 Resp: 3498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 97.1 | 81.2 | 121.8 |
| 141 | 47.8 | 36.7 | 55.1 |



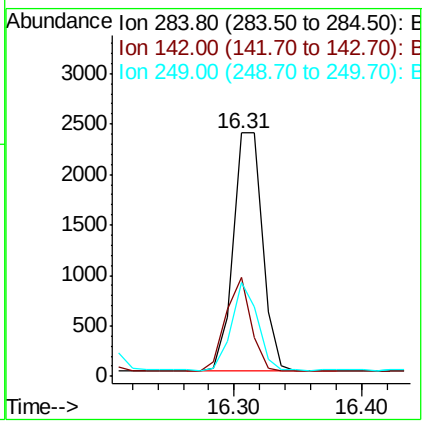


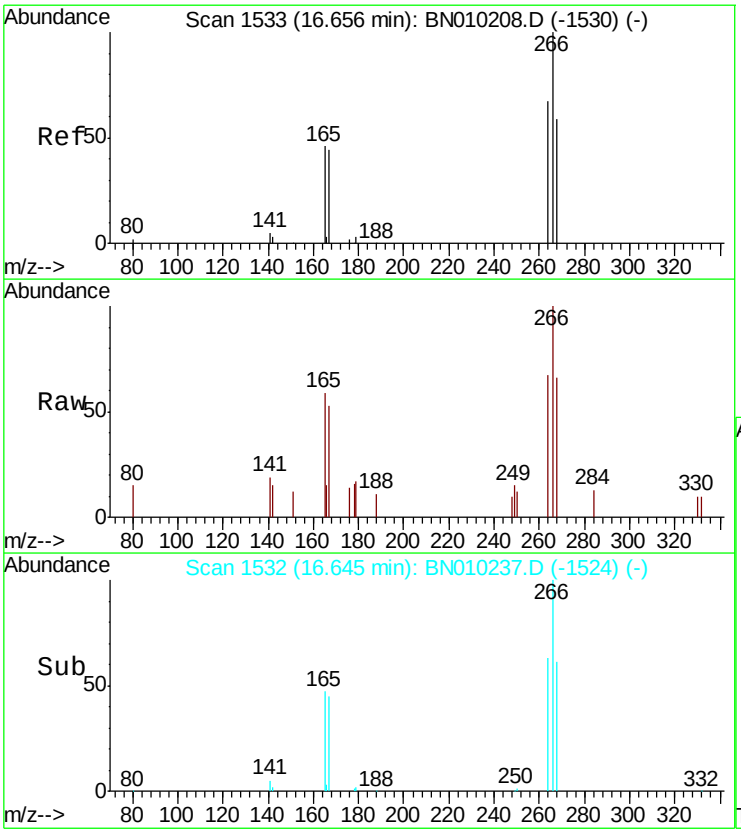

#21
Hexachlorobenzene
Concen: 0.453 ng
RT: 16.31 min Scan# 1500
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:284 Resp: 3798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.7 | 27.8 | 41.6 |
| 249 | 32.6 | 26.6 | 39.8 |

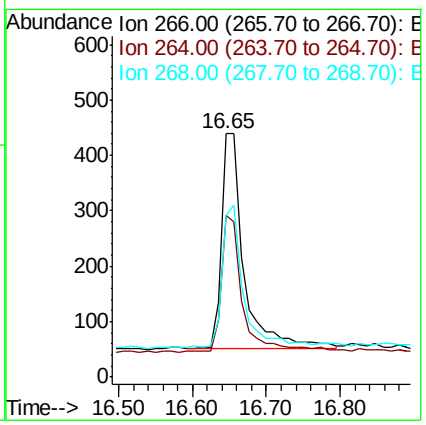


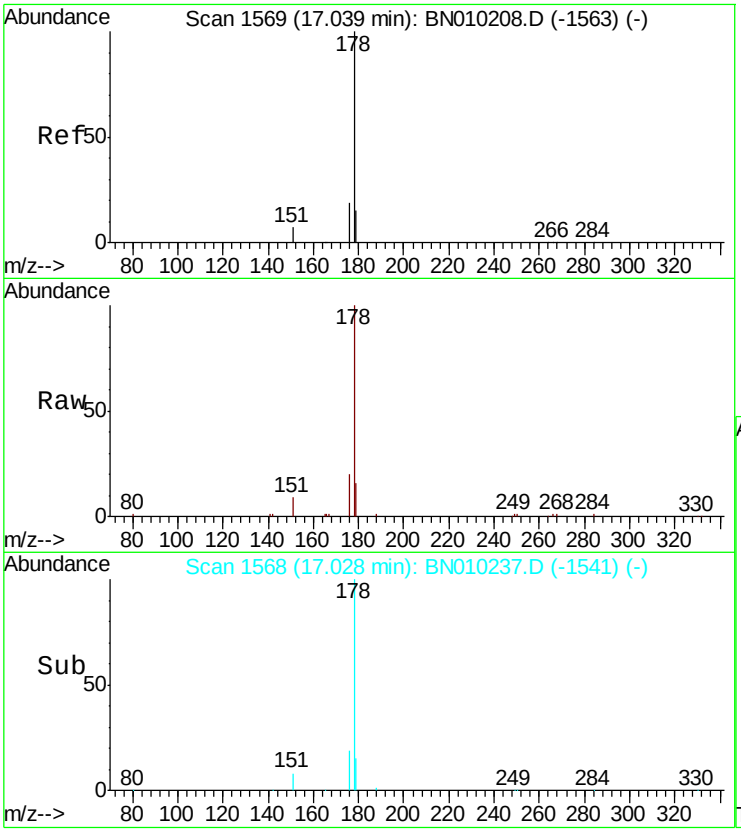




#22
Pentachlorophenol
Concen: 0.324 ng
RT: 16.65 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:266 Resp: 839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 66.5 | 56.2 | 84.2 |
| 268 | 66.3 | 61.4 | 92.2 |



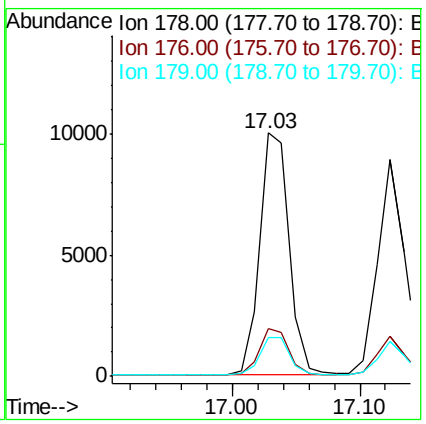


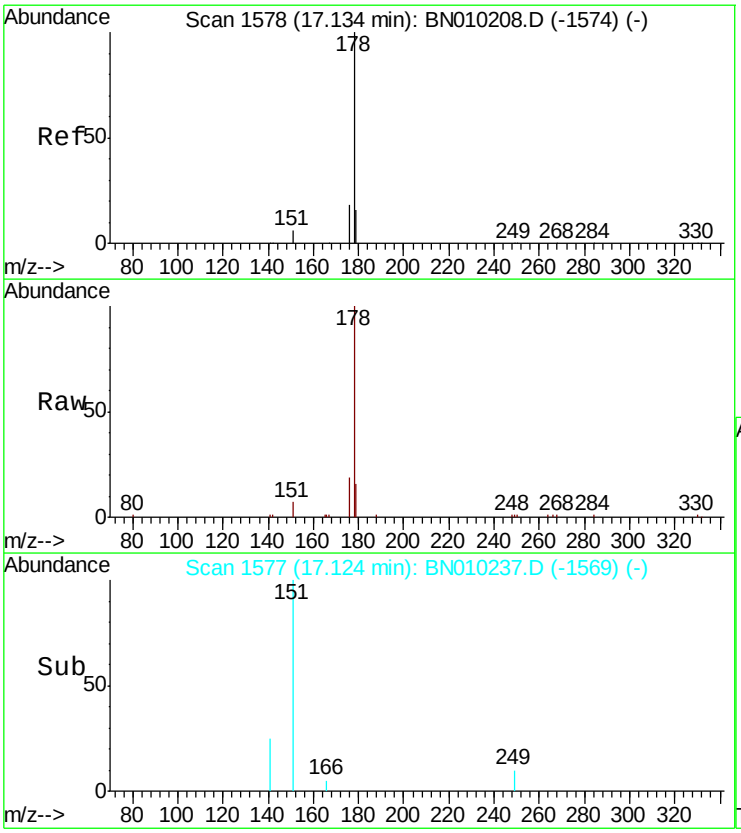

#23
Phenanthrene
Concen: 0.404 ng
RT: 17.03 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:178 Resp: 16021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.8 | 15.0 | 22.4 |
| 179 | 15.7 | 12.5 | 18.7 |

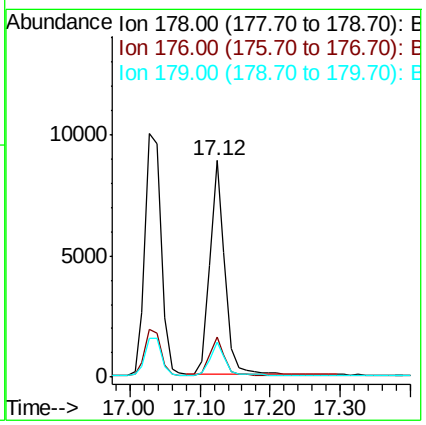


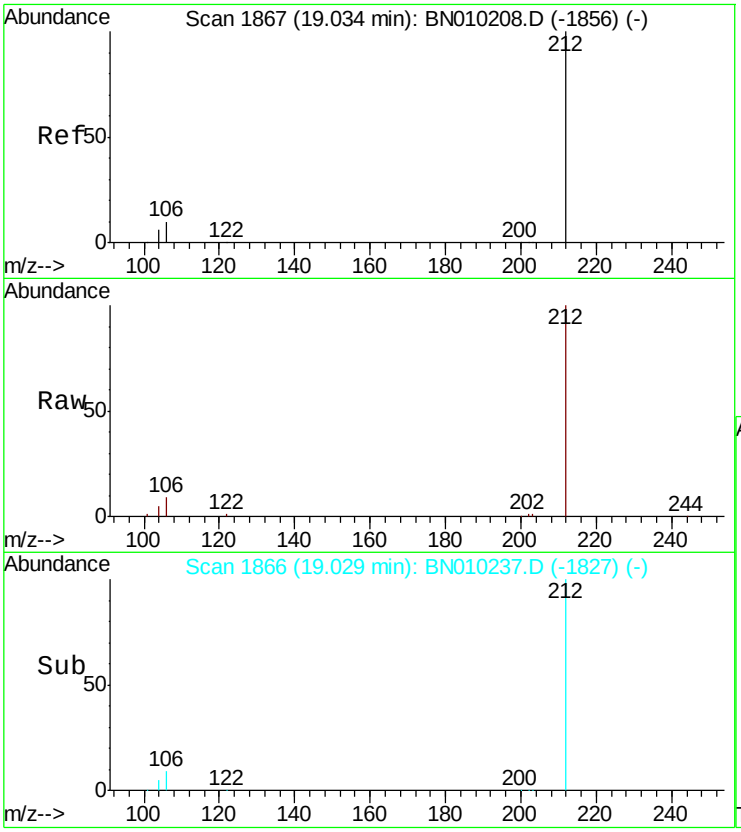




#24
Anthracene
Concen: 0.338 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:178 Resp: 13360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.9 | 14.6 | 22.0 |
| 179 | 15.6 | 12.5 | 18.7 |



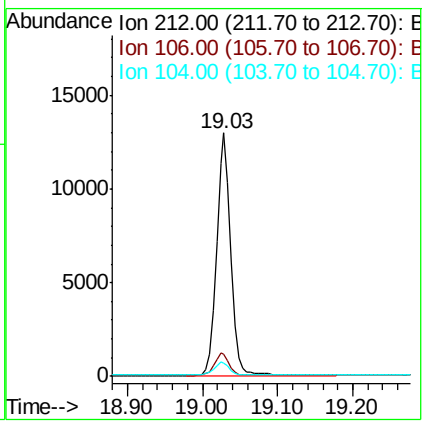


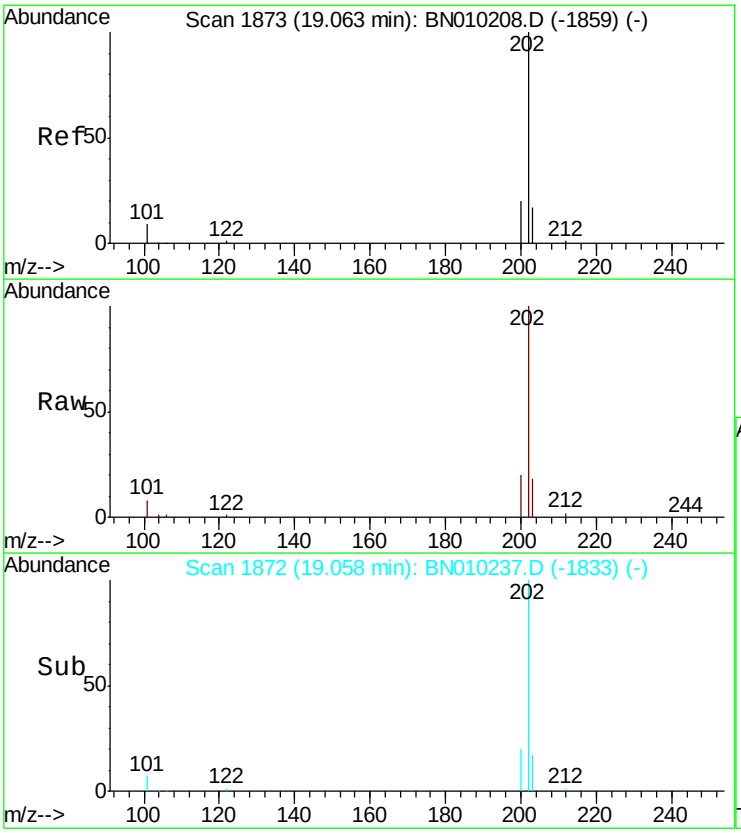

#25
Fluoranthene-d10
Concen: 0.375 ng
RT: 19.03 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:212 Resp: 17325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 9.4 | 8.1 | 12.1 |
| 104 | 5.2 | 4.7 | 7.1 |

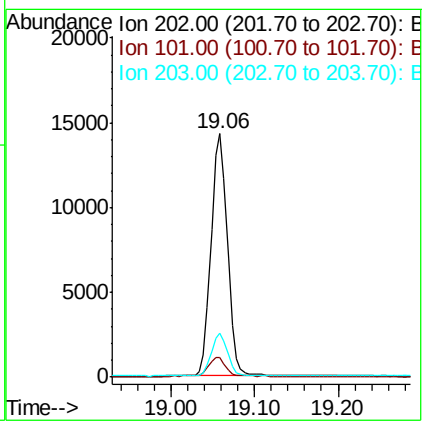


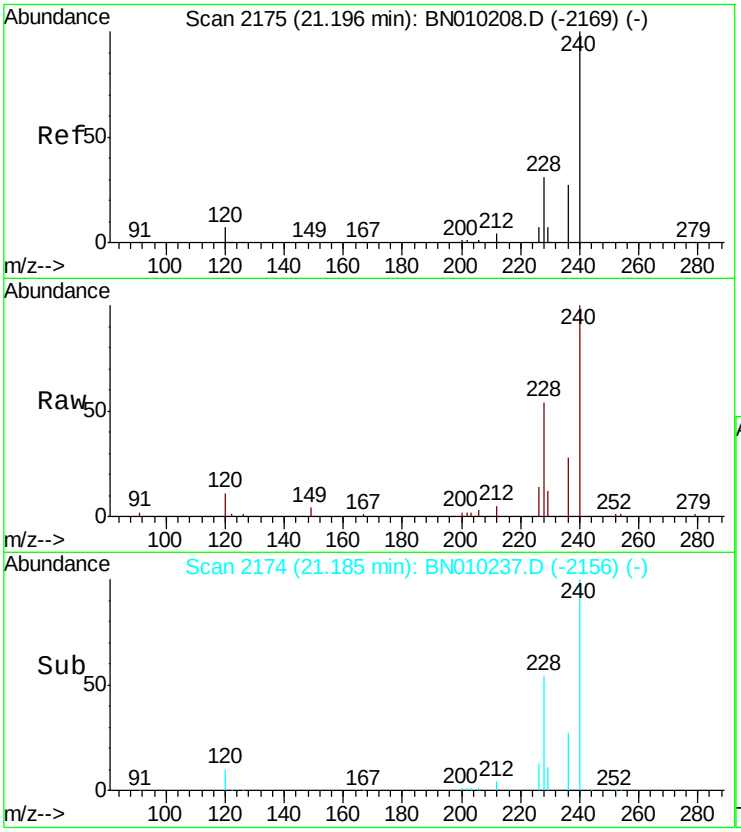




#26
Fluoranthene
Concen: 0.388 ng
RT: 19.06 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:202 Resp: 19493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.1 | 7.0 | 10.6 |
| 203 | 17.4 | 13.9 | 20.9 |



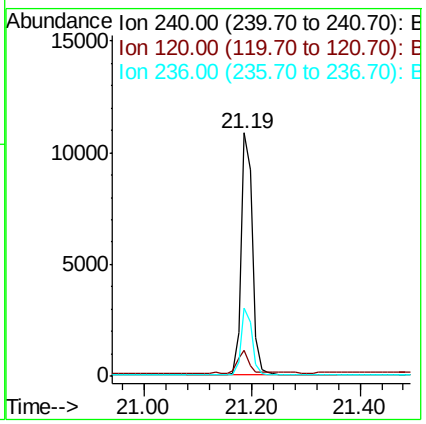


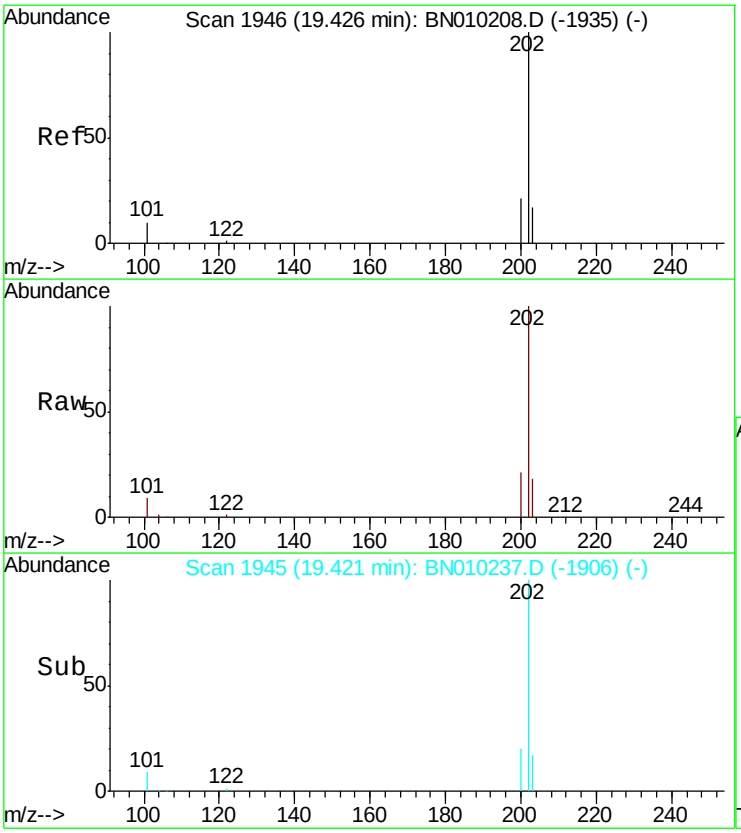

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:240 Resp: 15602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 7.7 | 11.5 |
| 236 | 28.0 | 21.8 | 32.6 |

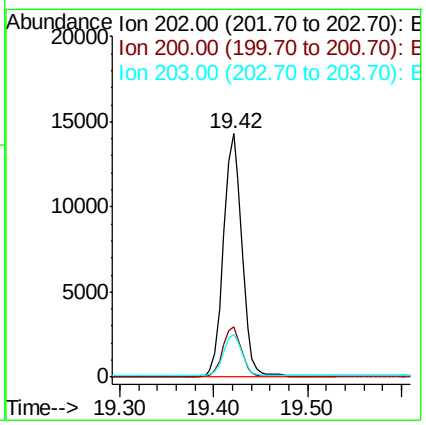


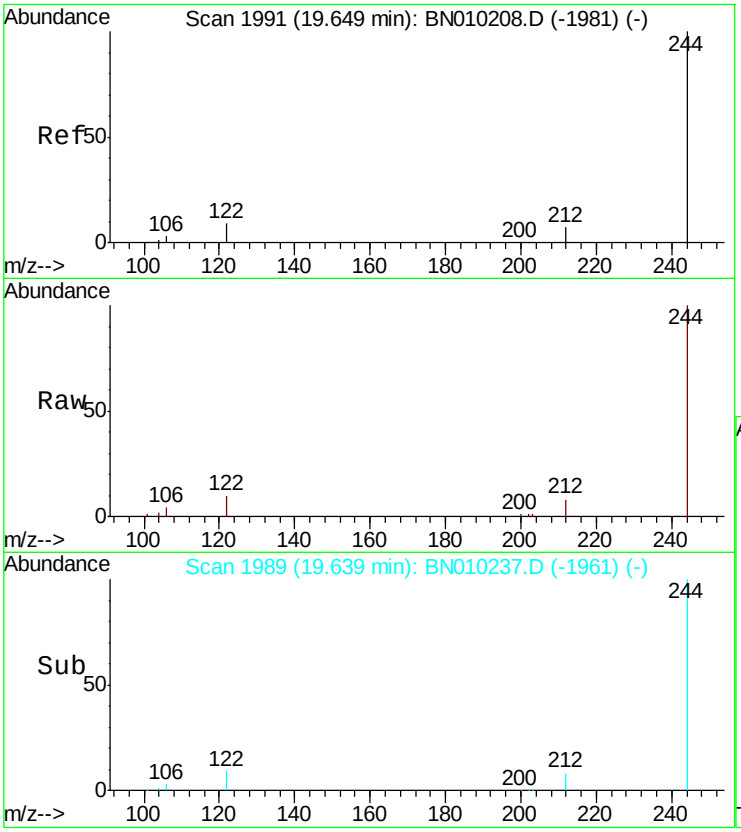




#28
Pyrene
Concen: 0.371 ng
RT: 19.42 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:202 Resp: 19357

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 16.6 | 24.8 |
| 203 | 17.5 | 14.1 | 21.1 |



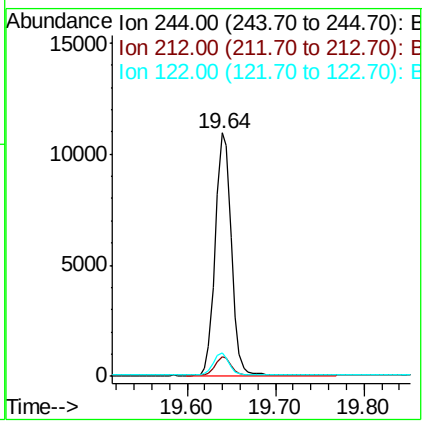


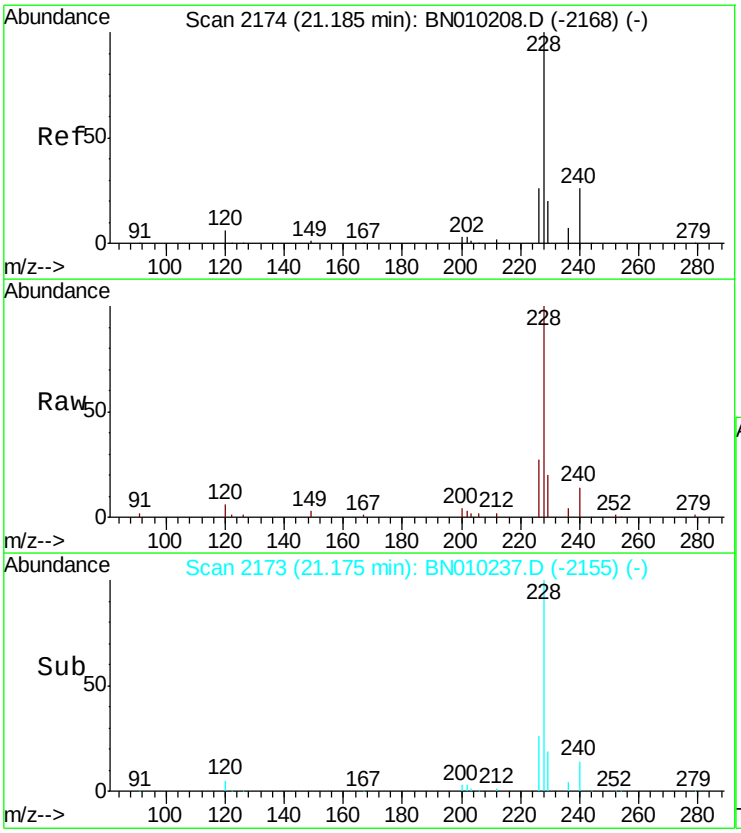

#29
Terphenyl-d14
Concen: 0.384 ng
RT: 19.64 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:244 Resp: 13646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 6.4 | 9.6 |
| 122 | 9.9 | 8.1 | 12.1 |

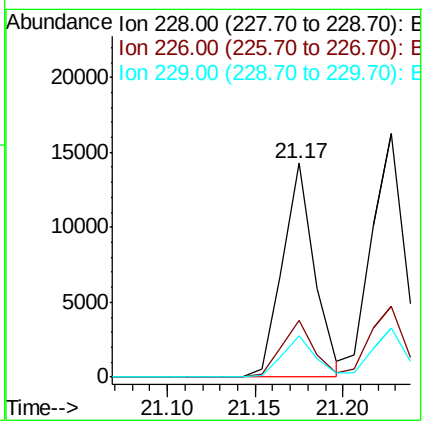


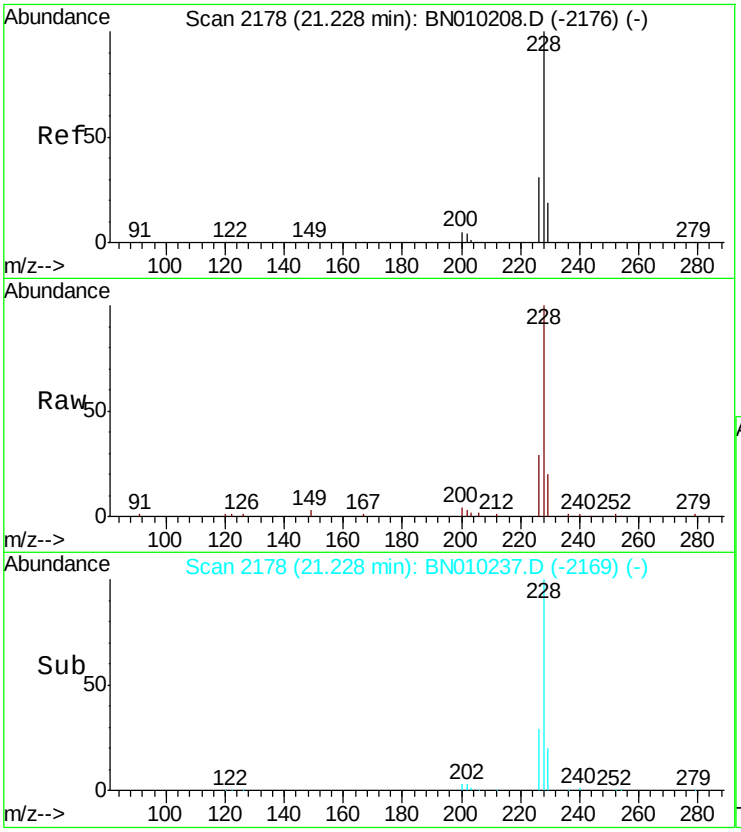




#30
Benzo(a)anthracene
Concen: 0.340 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:228 Resp: 18018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.5 | 21.1 | 31.7 |
| 229 | 19.5 | 16.2 | 24.4 |



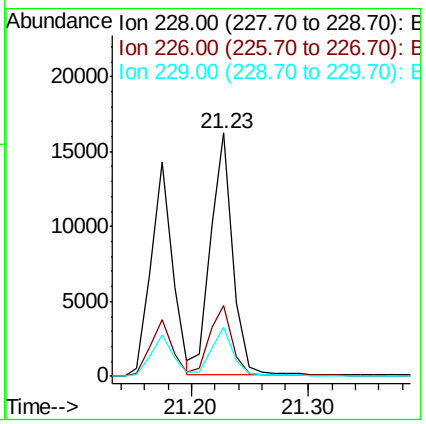


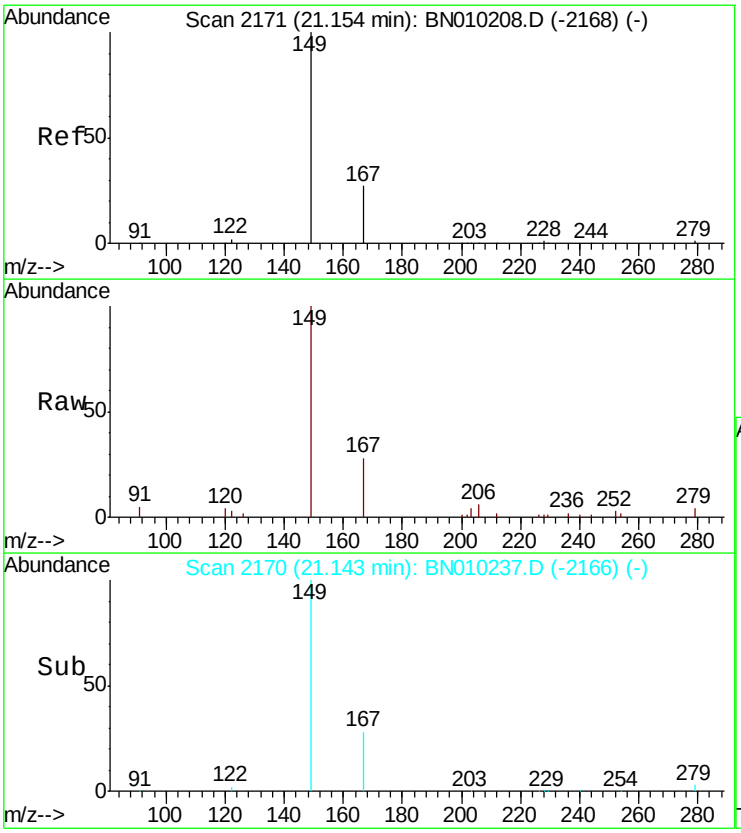

#31
Chrysene
Concen: 0.409 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:228 Resp: 21344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 25.0 | 37.4 |
| 229 | 20.0 | 15.7 | 23.5 |

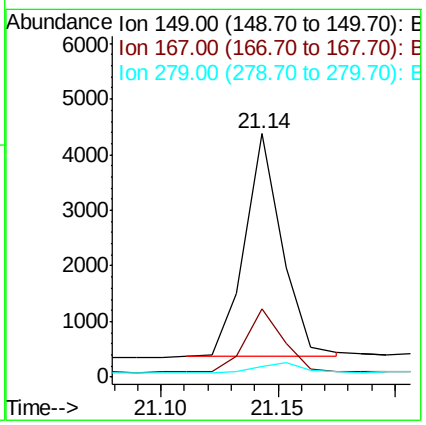


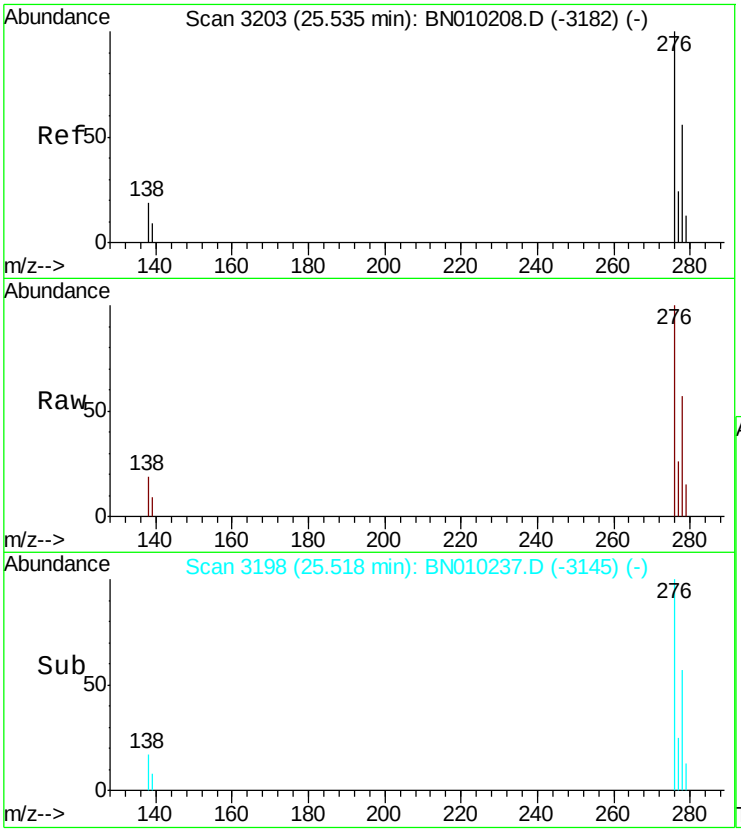




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.198 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:149 Resp: 4476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 21.0 | 31.4 |
| 279 | 5.0 | 3.1 | 4.7# |



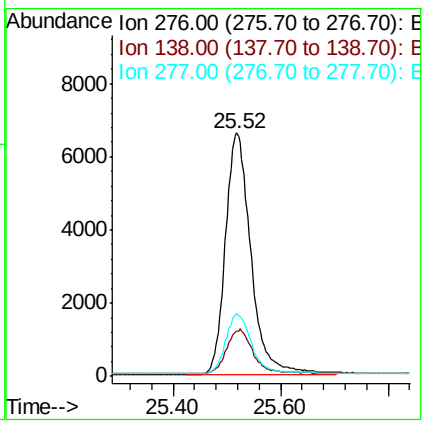


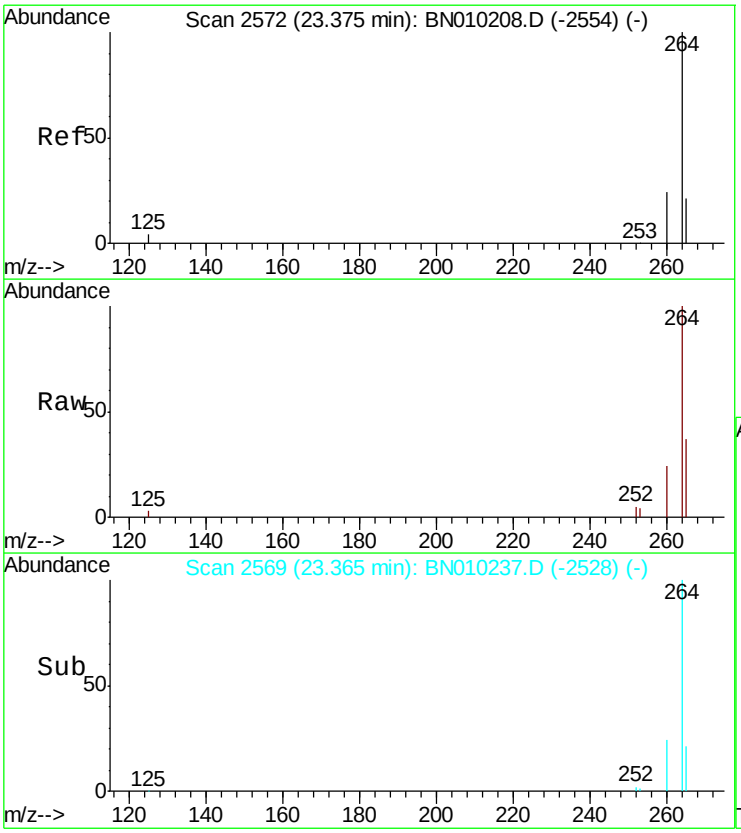

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.353 ng
RT: 25.52 min Scan# 3198
Delta R.T. -0.02 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:276 Resp: 21866

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.7 | 15.8 | 23.6 |
| 277 | 24.9 | 19.3 | 28.9 |

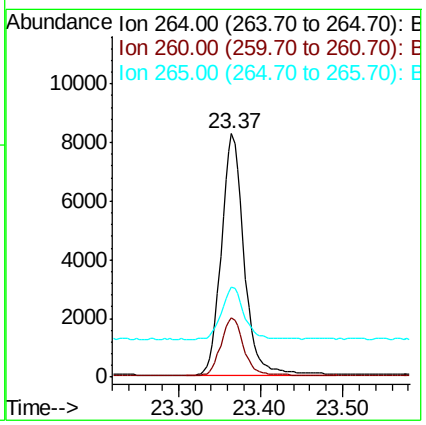


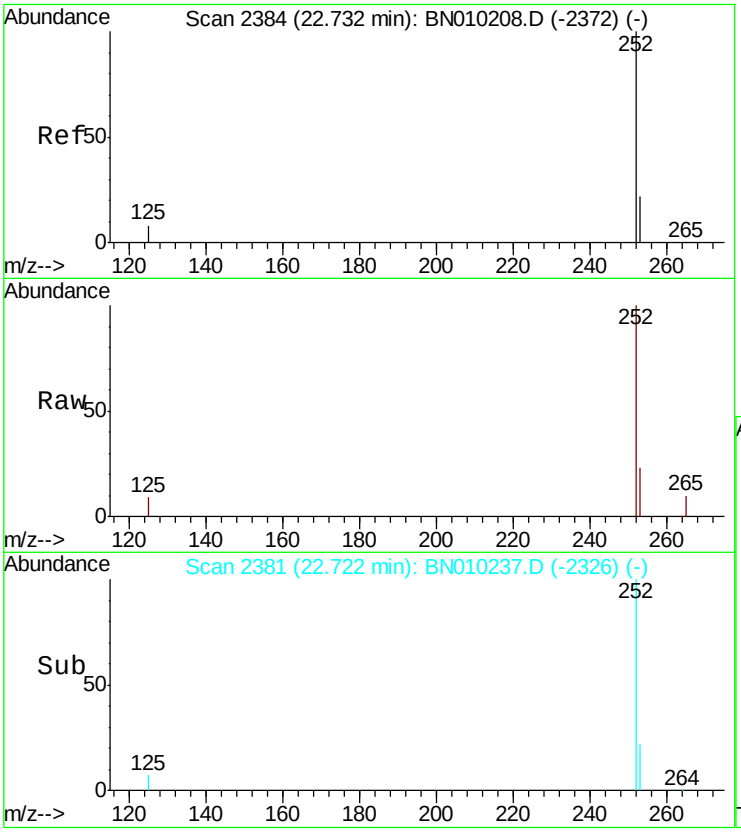




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.37 min Scan# 2569
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:264 Resp: 15850

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.7 | 29.5 |
| 265 | 36.7 | 25.8 | 38.6 |



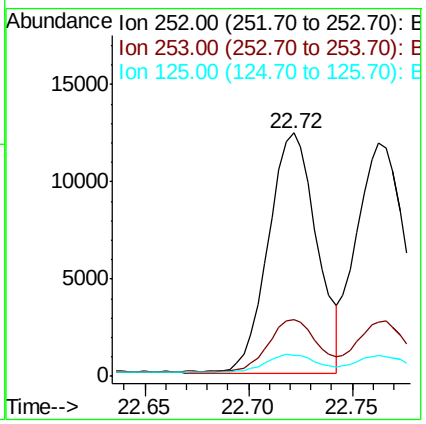


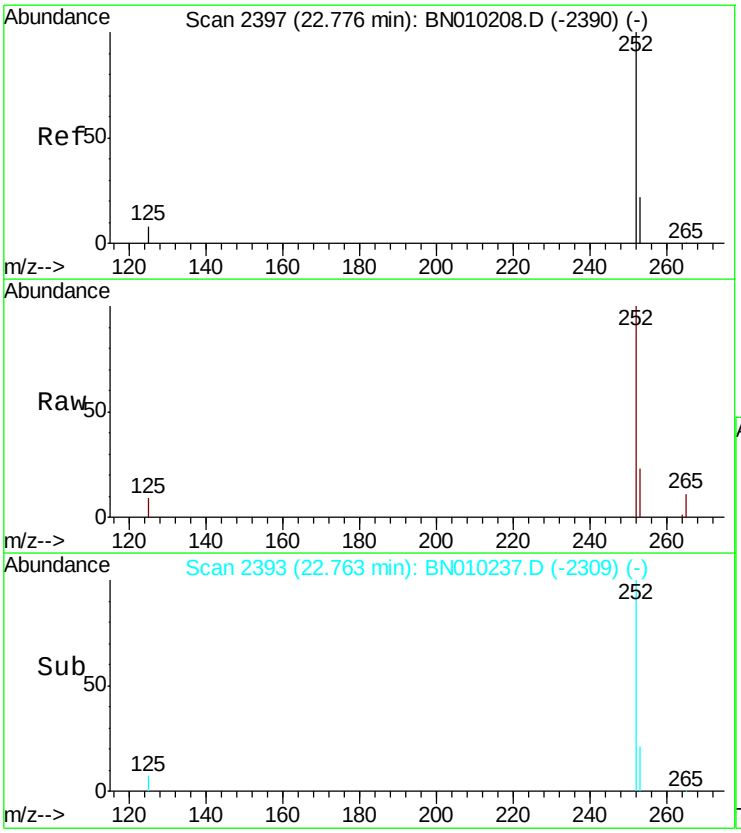

#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:252 Resp: 19929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.6 | 28.0 |
| 125 | 8.8 | 7.9 | 11.9 |

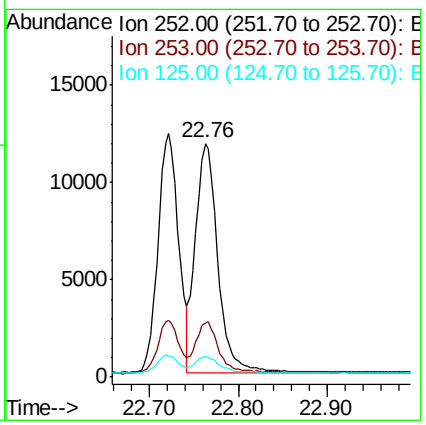


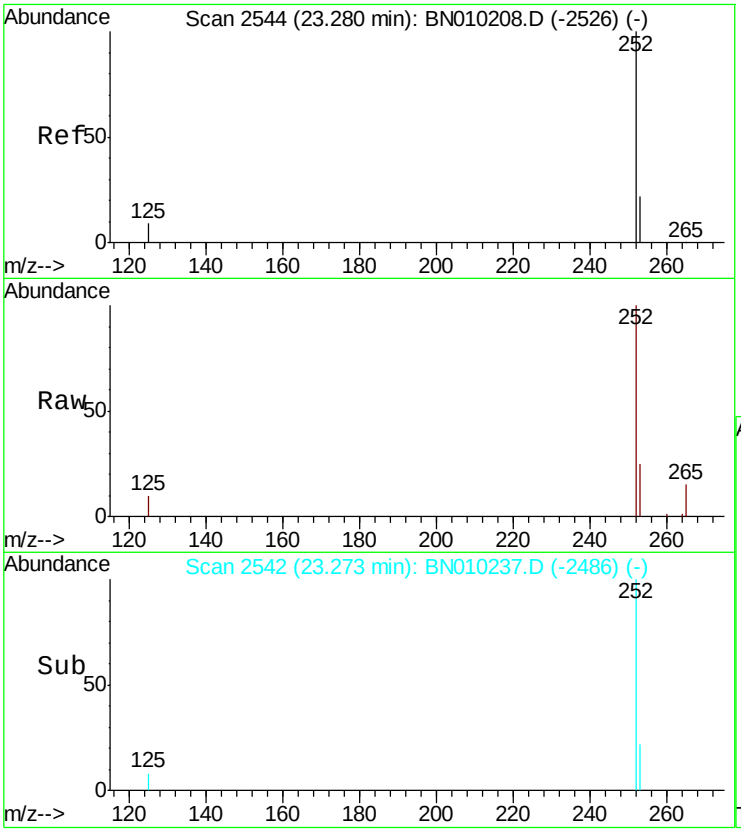




#36
Benzo(k)fluoranthene
Concen: 0.423 ng
RT: 22.76 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:252 Resp: 20856

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.0 | 18.8 | 28.2 |
| 125 | 8.9 | 8.2 | 12.4 |



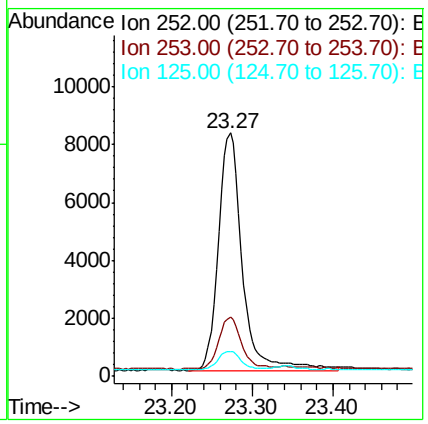


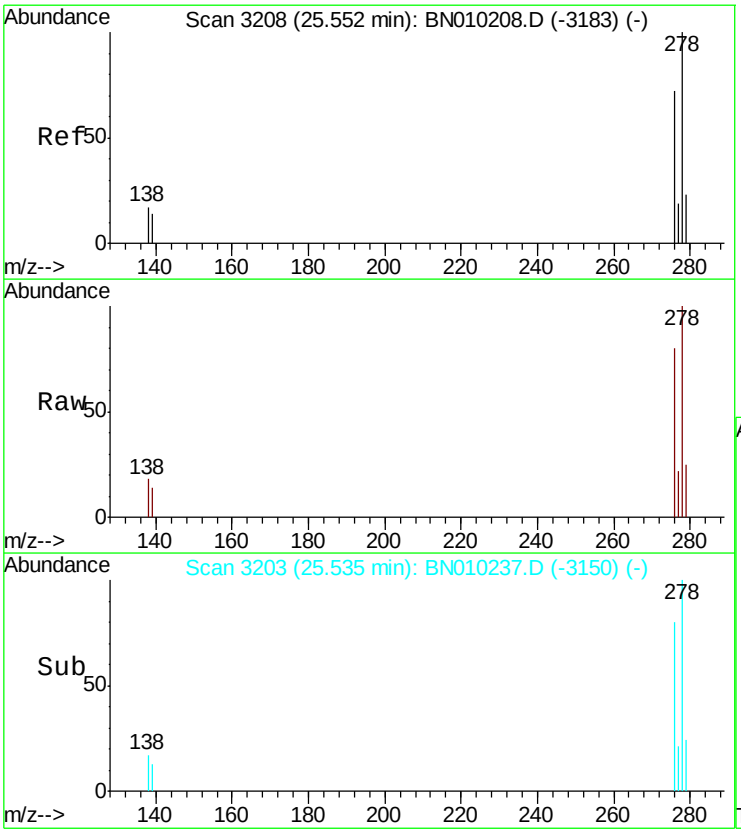

#37
Benzo(a)pyrene
Concen: 0.368 ng
RT: 23.27 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:252 Resp: 16933

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.6 | 19.1 | 28.7 |
| 125 | 10.2 | 9.2 | 13.8 |

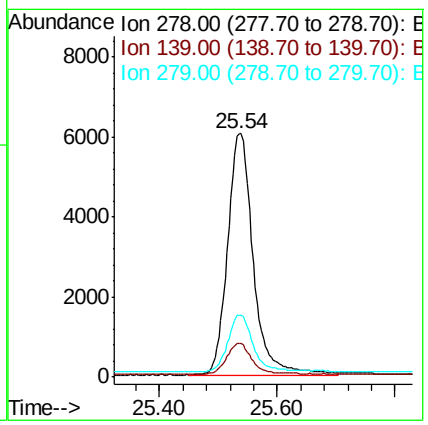


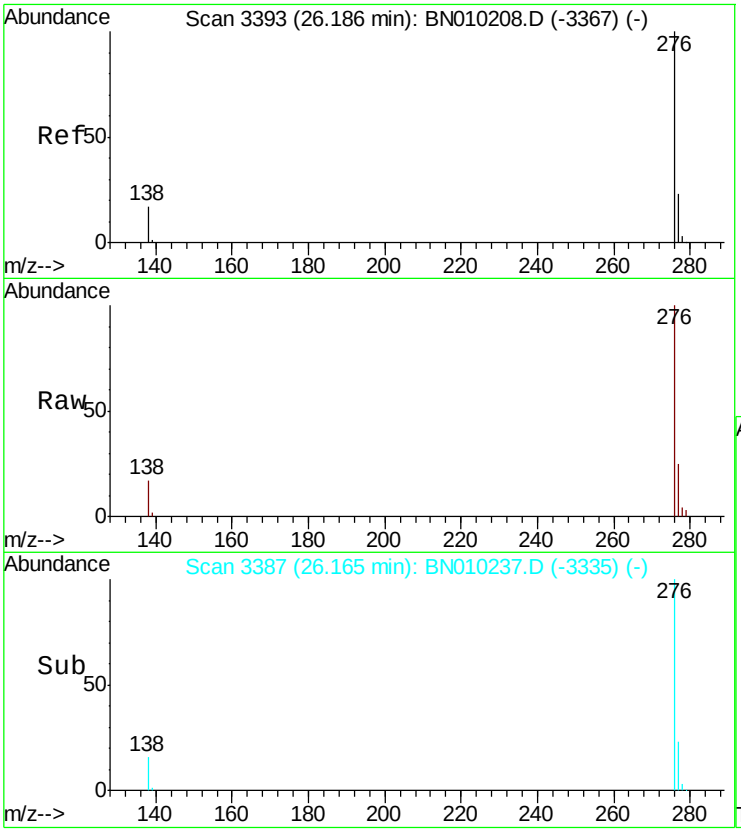




#38
Dibenzo(a,h)anthracene
Concen: 0.394 ng
RT: 25.54 min Scan# 3203
Delta R.T. -0.02 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

Tgt Ion:278 Resp: 18187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 13.7 | 12.4 | 18.6 |
| 279 | 25.4 | 20.2 | 30.2 |






#39
Benzo(g,h,i)perylene
Concen: 0.407 ng
RT: 26.16 min Scan# 3387
Delta R.T. -0.02 min
Lab File: BN010237.D
Acq: 17 Mar 2020 13:34

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

Tgt Ion:276 Resp: 18770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.5 | 19.4 | 29.2 |
| 138 | 17.2 | 15.4 | 23.2 |