Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008899.D
Acq On : 10 Dec 2019 10:50
Operator : JU
Sample : PB124807BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 10 15:04:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 2618 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.32 | 136 | 11346 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.19 | 164 | 8044 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.93 | 188 | 19044 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.13 | 240 | 19581 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.28 | 264 | 20905 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.20 | 112 | 2704 | 0.41 | ng | | 0.00 |
| 5) Phenol-d6 | 6.75 | 99 | 3758 | 0.41 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.69 | 82 | 3727 | 0.39 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.91 | 152 | 8147 | 0.42 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.68 | 330 | 1499 | 0.39 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.80 | 172 | 12464 | 0.41 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.97 | 212 | 22847 | 0.40 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.58 | 244 | 18310 | 0.41 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.19 | 88 | 1077 | 0.438 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.52 | 42 | 1224 | 0.361 | ng | # | 99 |
| 6) bis(2-Chloroethyl)ether | 7.00 | 93 | 3692 | 0.426 | ng | | 99 |
| 9) Naphthalene | 10.37 | 128 | 12978 | 0.419 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.67 | 225 | 2486 | 0.420 | ng | # | 99 |
| 12) 2-Methylnaphthalene | 11.98 | 142 | 9788 | 0.424 | ng | | 99 |
| 16) Acenaphthylene | 13.90 | 152 | 15477 | 0.421 | ng | | 100 |
| 17) Acenaphthene | 14.24 | 154 | 10358 | 0.424 | ng | | 98 |
| 18) Fluorene | 15.23 | 166 | 13989 | 0.426 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.13 | 248 | 4587 | 0.403 | ng | # | 89 |
| 21) Hexachlorobenzene | 16.25 | 284 | 5253 | 0.405 | ng | | 100 |
| 22) Pentachlorophenol | 16.60 | 266 | 1756 | 0.375 | ng | | 97 |
| 23) Phenanthrene | 16.97 | 178 | 24519 | 0.409 | ng | | 100 |
| 24) Anthracene | 17.07 | 178 | 21032 | 0.398 | ng | | 100 |
| 26) Fluoranthene | 19.00 | 202 | 29021 | 0.407 | ng | | 100 |
| 28) Pyrene | 19.36 | 202 | 29353 | 0.428 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.11 | 228 | 29614 | 0.427 | ng | | 97 |
| 31) Chrysene | 21.17 | 228 | 31074 | 0.432 | ng | | 97 |
| 32) Bis(2-ethylhexyl)phthalate | 21.08 | 149 | 11939 | 0.367 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.40 | 276 | 33846 | 0.444 | ng | | 99 |
| 35) Benzo(b)fluoranthene | 22.65 | 252 | 31604 | 0.422 | ng | | 99 |
| 36) Benzo(k)fluoranthene | 22.65 | 252 | 31604 | 0.420 | ng | | 98 |
| 37) Benzo(a)pyrene | 23.19 | 252 | 28079 | 0.418 | ng | | 99 |
| 38) Dibenzo(a,h)anthracene | 25.41 | 278 | 27363 | 0.434 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.03 | 276 | 26993 | 0.434 | ng | | 99 |

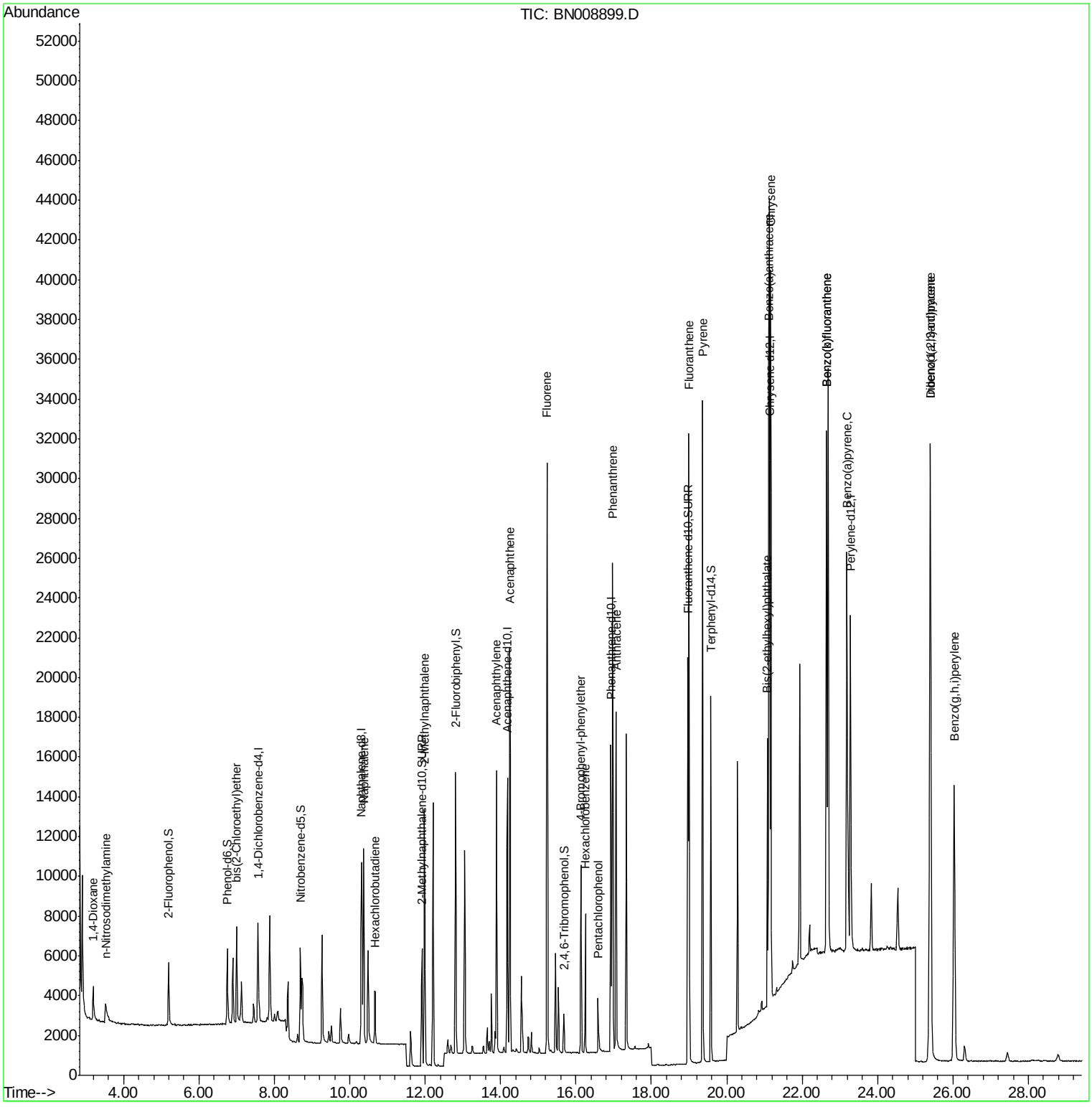
(#) = qualifier out of range (m) = manual integration (+) = signals summed

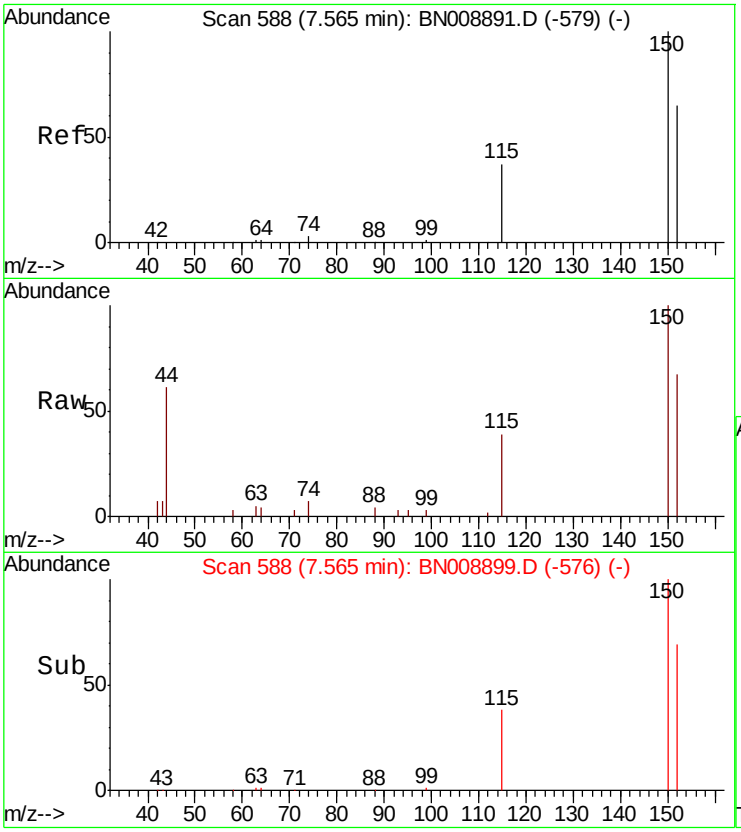
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121019\
Data File : BN008899.D
Acq On : 10 Dec 2019 10:50
Operator : JU
Sample : PB124807BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

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

Quant Time: Dec 10 15:04:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 17:02:53 2019
Response via : Initial Calibration



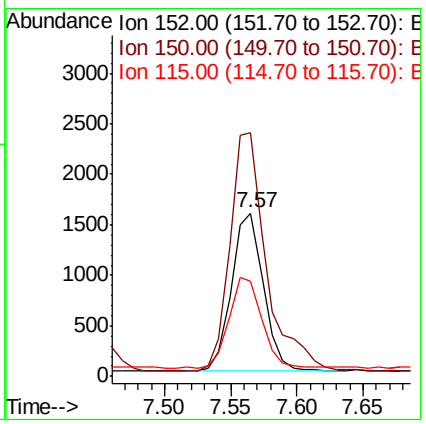


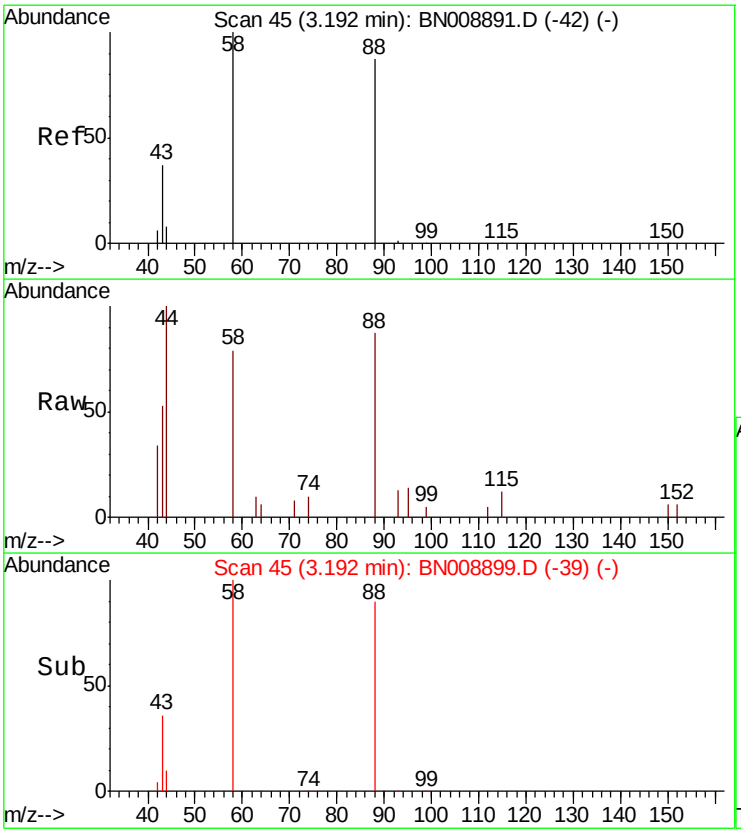

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 588
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:152 Resp: 2618

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.9 | 122.3 | 183.5 |
| 115 | 58.5 | 48.4 | 72.6 |

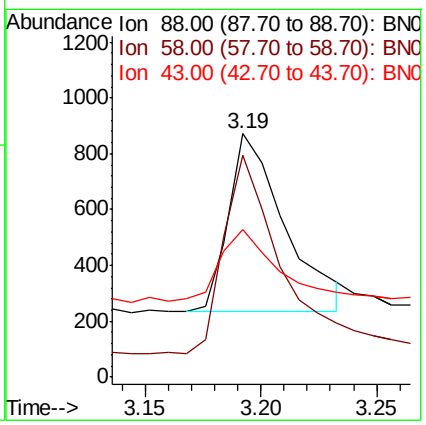


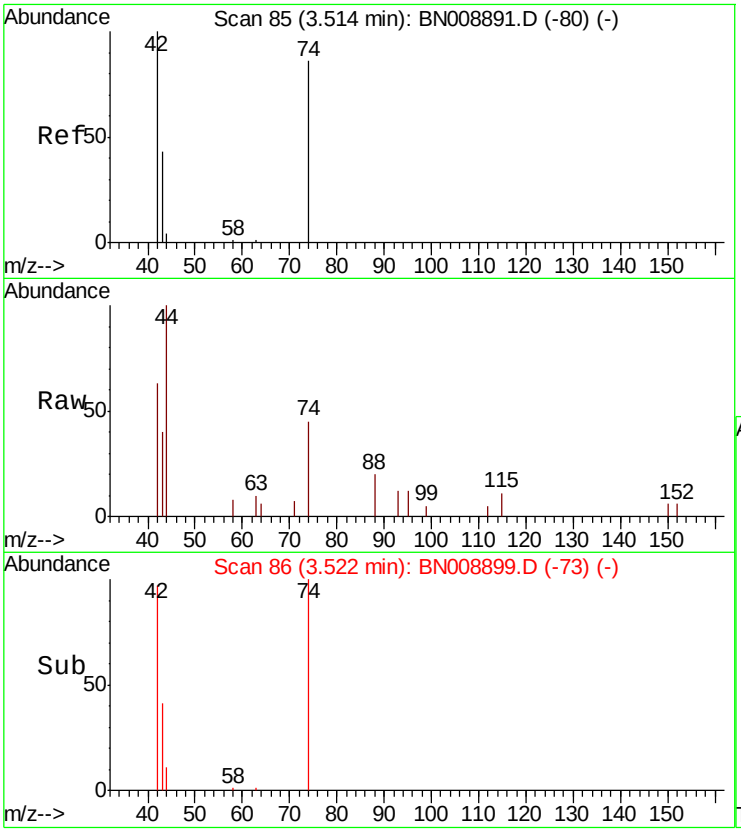




#2
1,4-Dioxane
Concen: 0.438 ng
RT: 3.19 min Scan# 45
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion: 88 Resp: 1077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 110.0 | 88.6 | 132.8 |
| 43 | 39.6 | 31.8 | 47.8 |



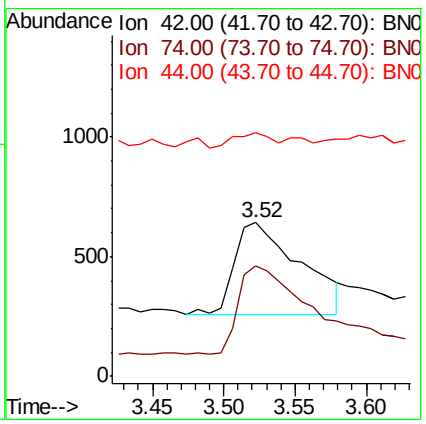


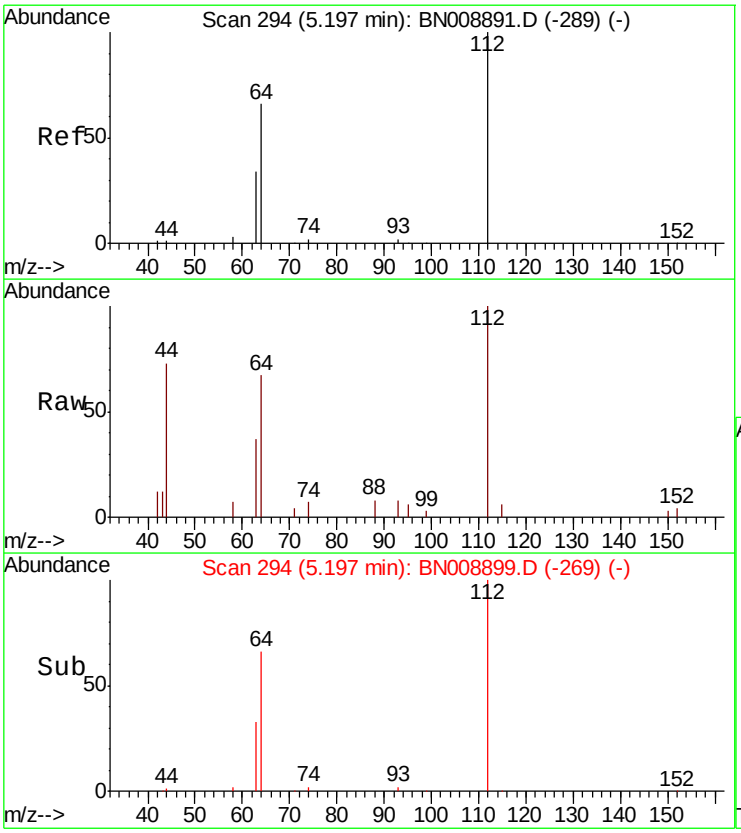

#3
n-Nitrosodimethylamine
Concen: 0.361 ng
RT: 3.52 min Scan# 86
Delta R.T. 0.01 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion: 42 Resp: 1224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 97.6 | 78.6 | 117.8 |
| 44 | 10.0 | 0.0 | 0.0# |

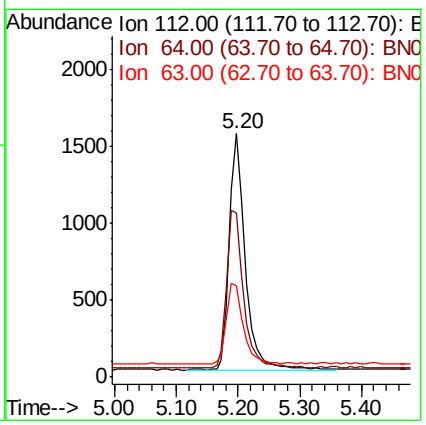


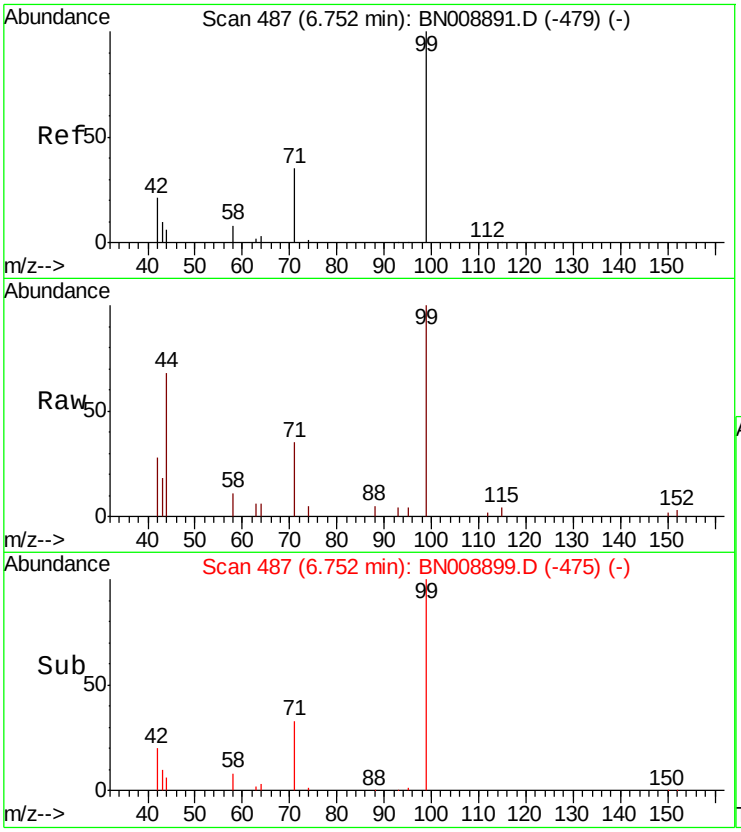




#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.20 min Scan# 294
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:112 Resp: 2704

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.2 | 57.7 | 86.5 |
| 63 | 36.5 | 29.6 | 44.4 |



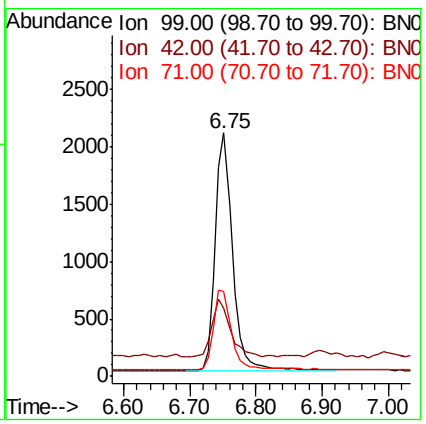


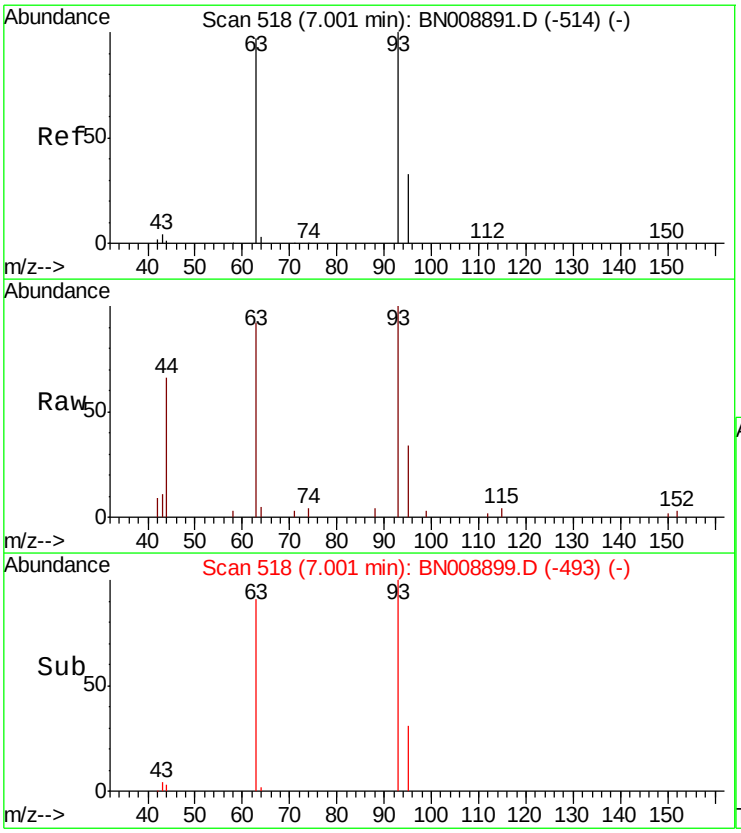

#5
Phenol-d6
Concen: 0.408 ng
RT: 6.75 min Scan# 487
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion: 99 Resp: 3758

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 25.0 | 20.1 | 30.1 |
| 71 | 34.3 | 28.2 | 42.2 |

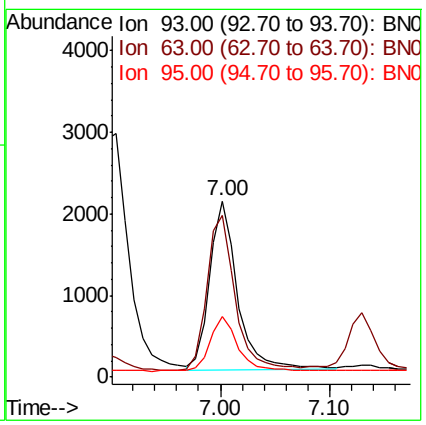


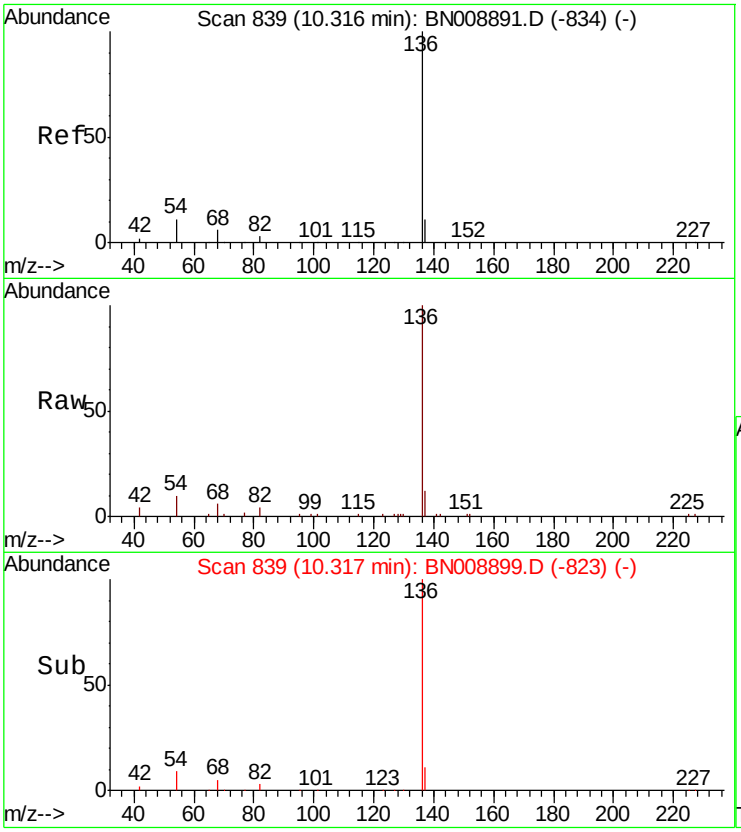




#6
bis(2-Chloroethyl)ether
Concen: 0.426 ng
RT: 7.00 min Scan# 518
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion: 93 Resp: 3692

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 91.5 | 73.5 | 110.3 |
| 95 | 33.0 | 26.0 | 39.0 |



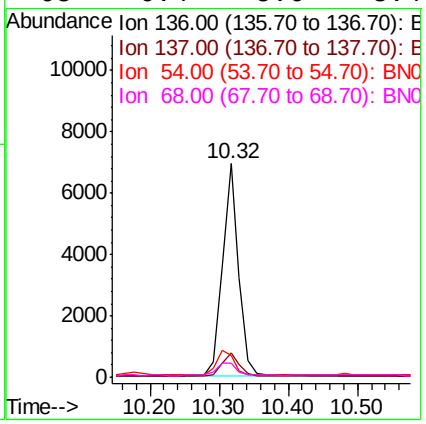


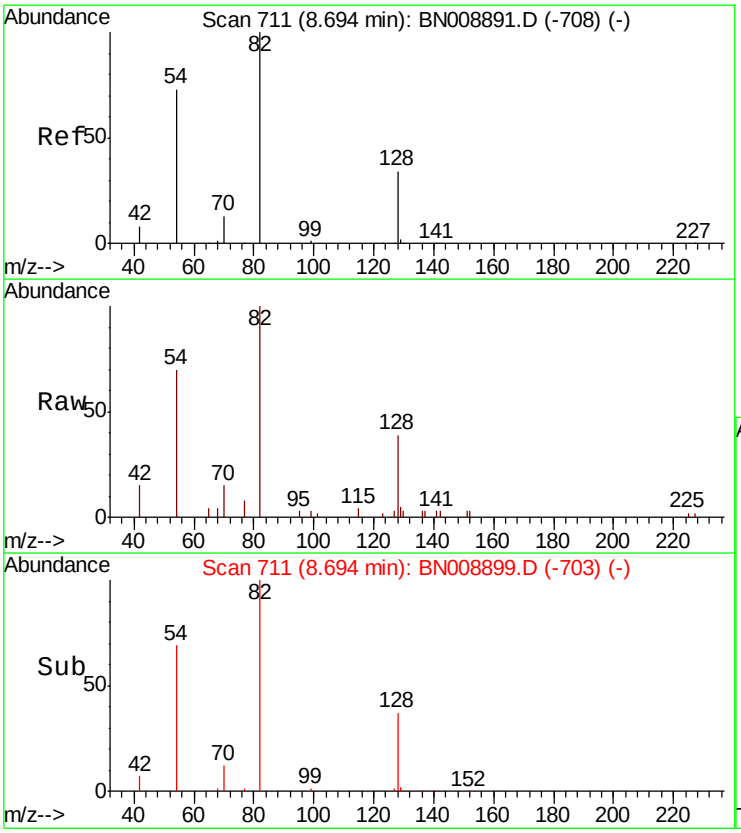

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.32 min Scan# 839
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:136 Resp: 11346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.2 | 13.8 |
| 54 | 10.4 | 9.6 | 14.4 |
| 68 | 6.4 | 5.6 | 8.4 |

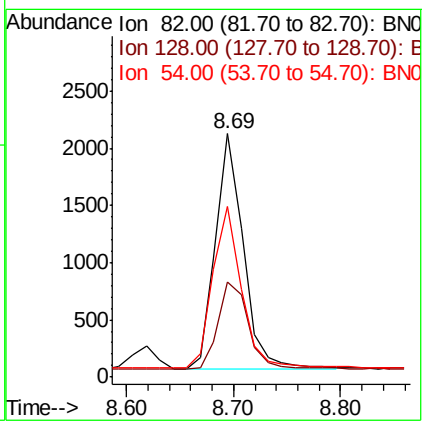


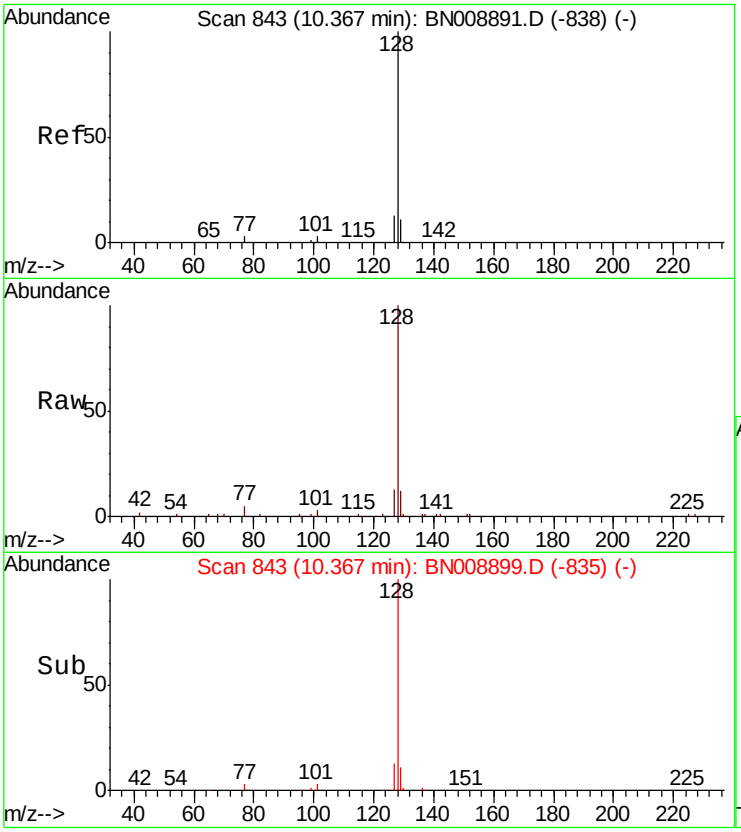




#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.69 min Scan# 711
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion: 82 Resp: 3727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 29.1 | 43.7 |
| 54 | 70.2 | 59.7 | 89.5 |



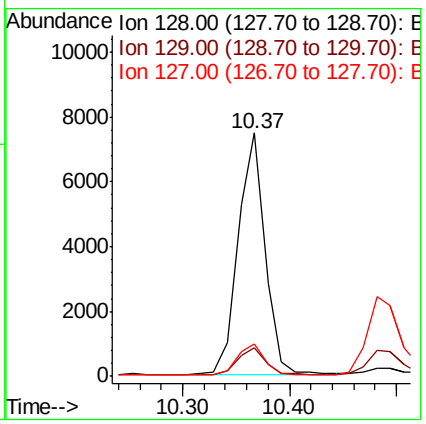


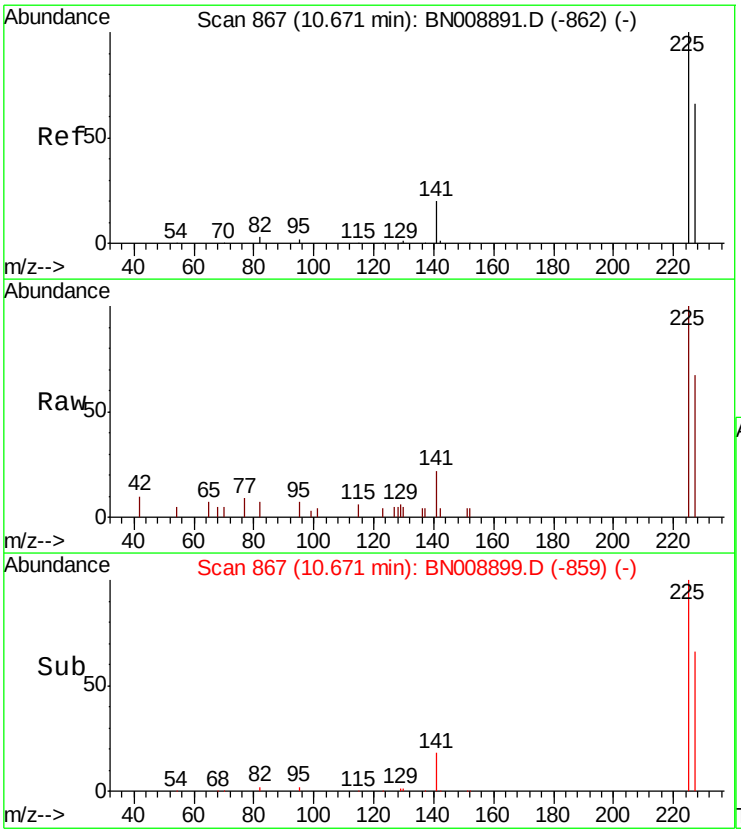

#9
Naphthalene
Concen: 0.419 ng
RT: 10.37 min Scan# 843
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:128 Resp: 12978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.7 | 9.4 | 14.0 |
| 127 | 13.4 | 10.8 | 16.2 |

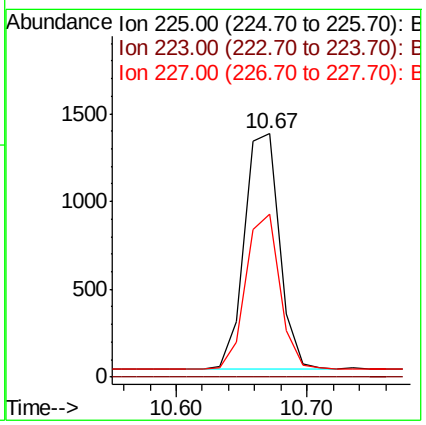


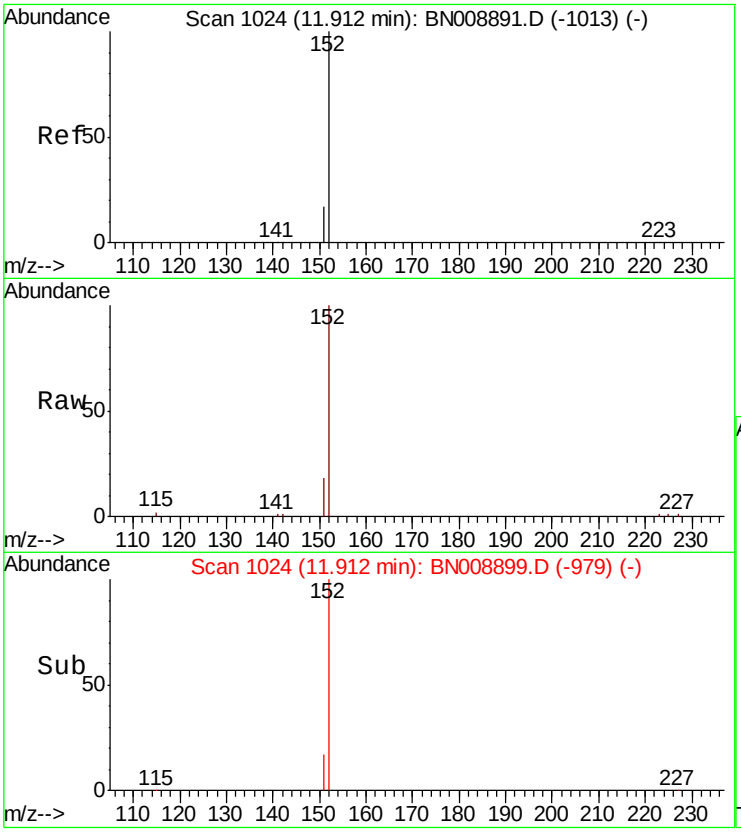




#10
Hexachlorobutadiene
Concen: 0.420 ng
RT: 10.67 min Scan# 867
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:225 Resp: 2486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 63.7 | 51.4 | 77.2 |



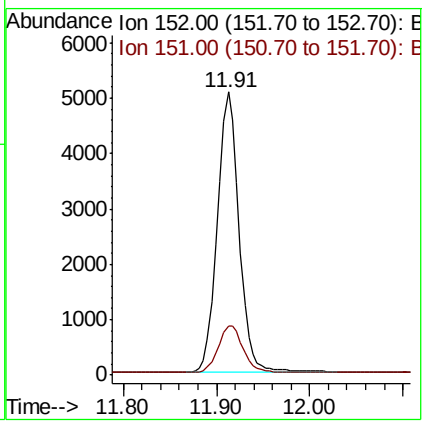


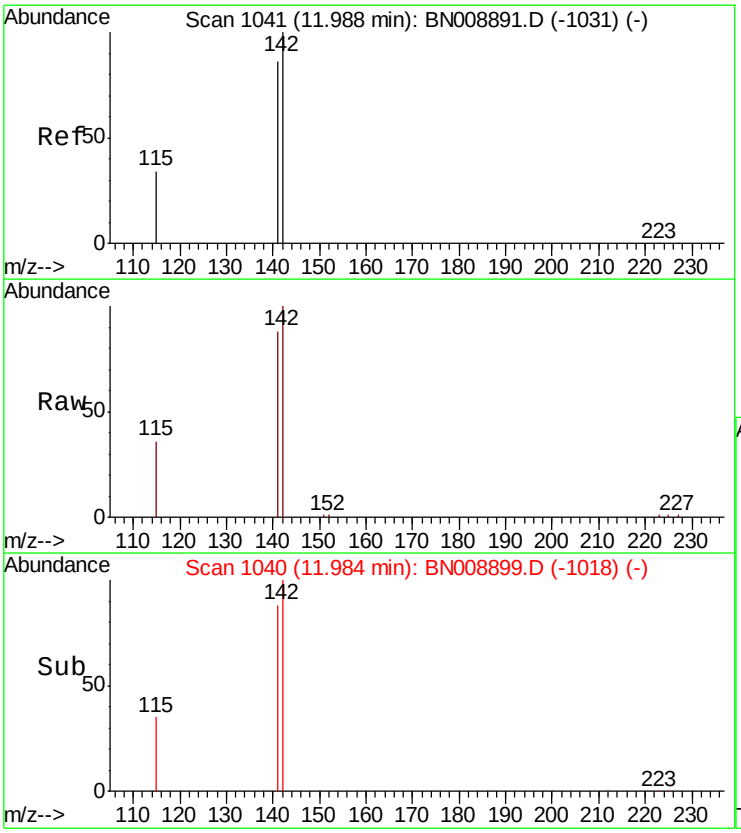

#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 11.91 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:152 Resp: 8147

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.8 | 15.2 | 22.8 |

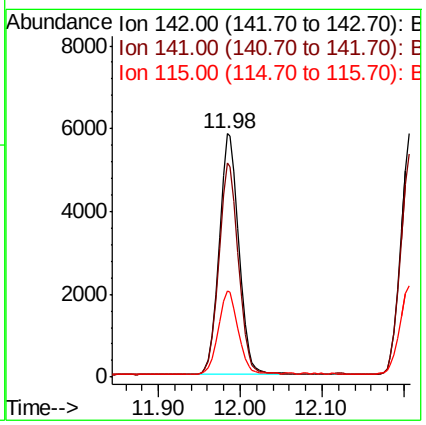


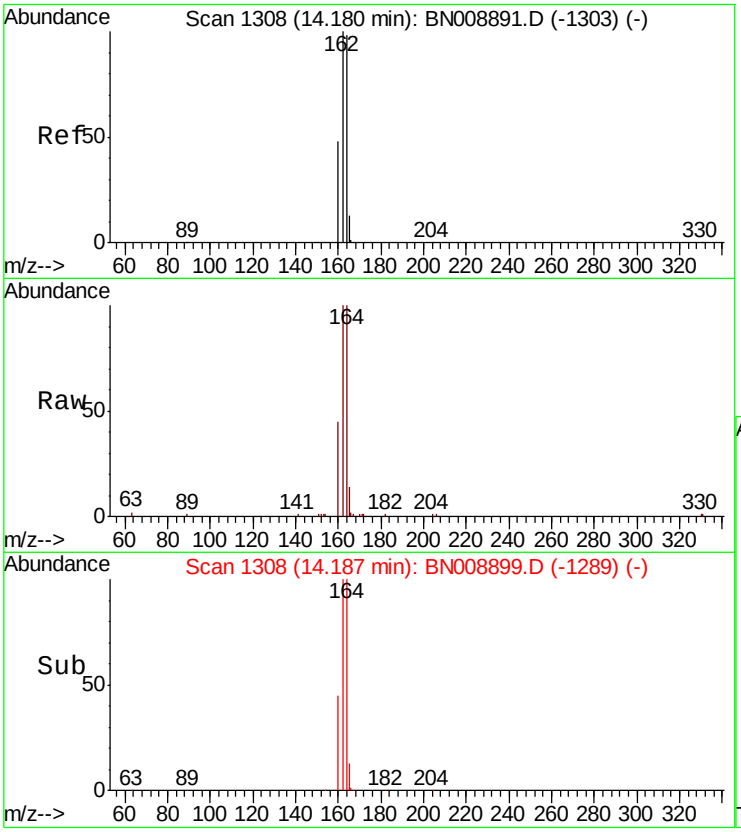




#12
2-Methylnaphthalene
Concen: 0.424 ng
RT: 11.98 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:142 Resp: 9788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 87.9 | 69.3 | 103.9 |
| 115 | 35.6 | 27.9 | 41.9 |



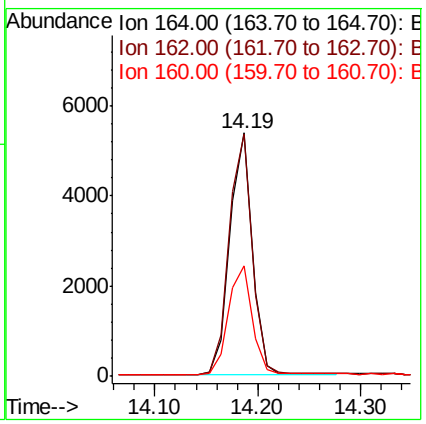


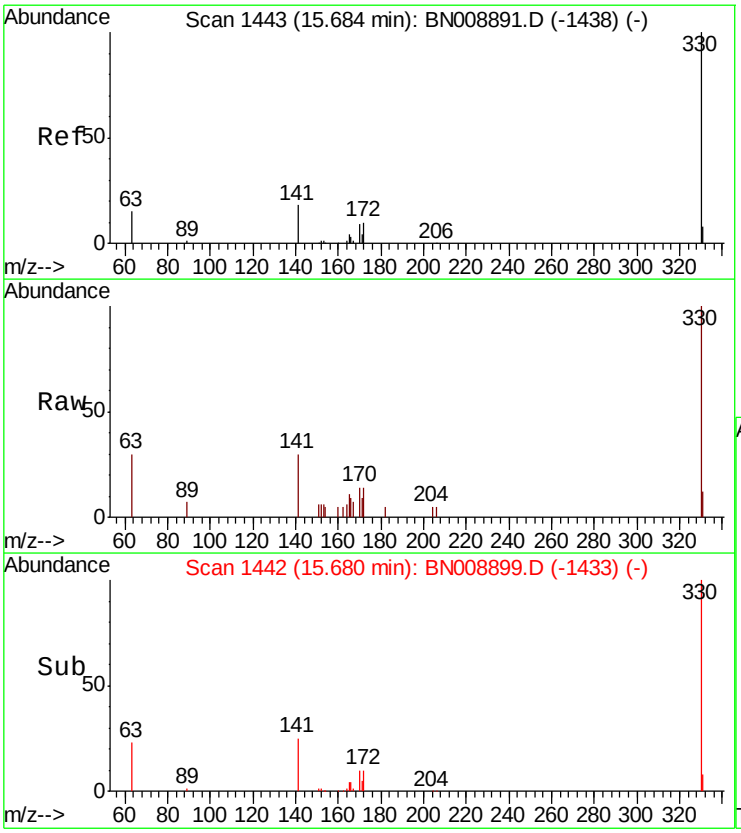

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.19 min Scan# 1308
Delta R.T. 0.01 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:164 Resp: 8044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 81.9 | 122.9 |
| 160 | 45.2 | 39.3 | 58.9 |

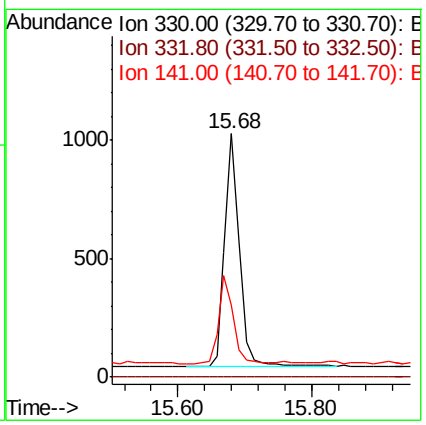


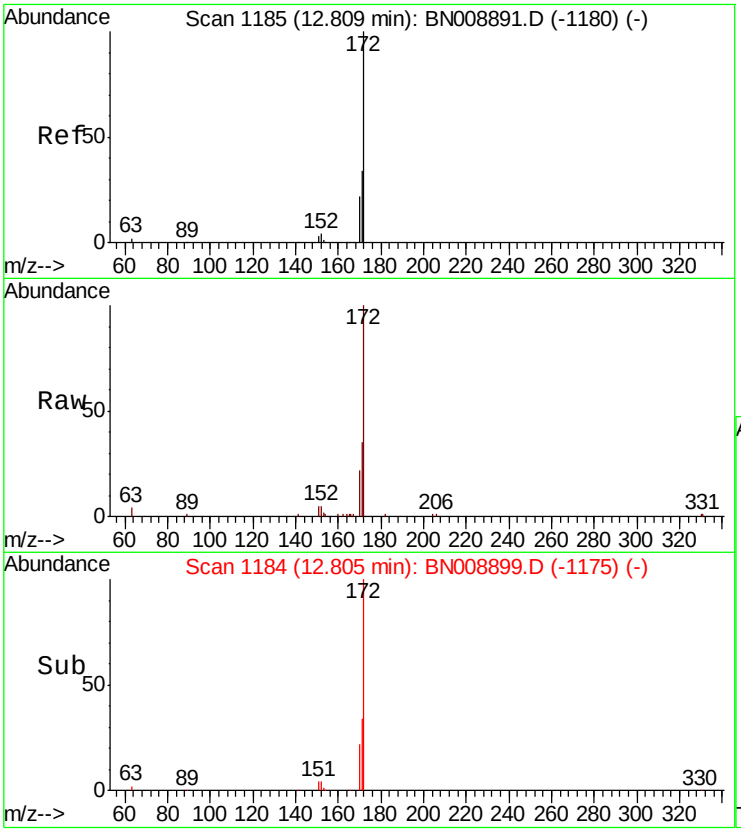




#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.68 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:330 Resp: 1499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 38.5 | 29.6 | 44.4 |



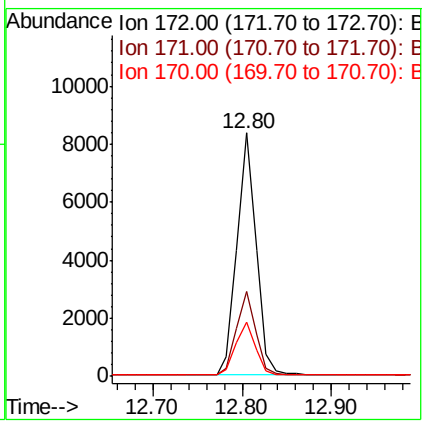


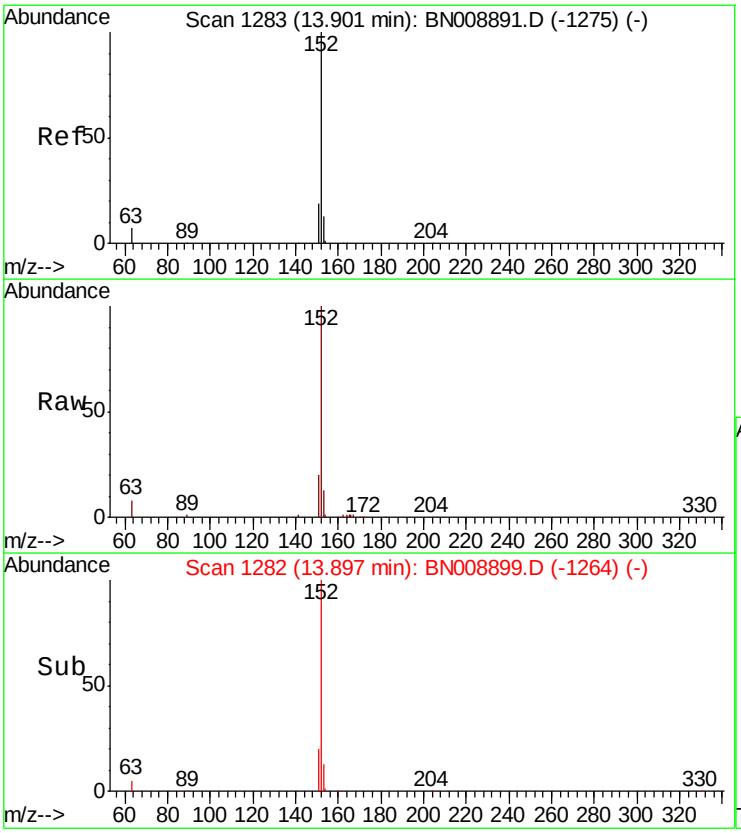

#15
2-Fluorobiphenyl
Concen: 0.408 ng
RT: 12.80 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:172 Resp: 12464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.7 | 27.1 | 40.7 |
| 170 | 22.5 | 17.7 | 26.5 |

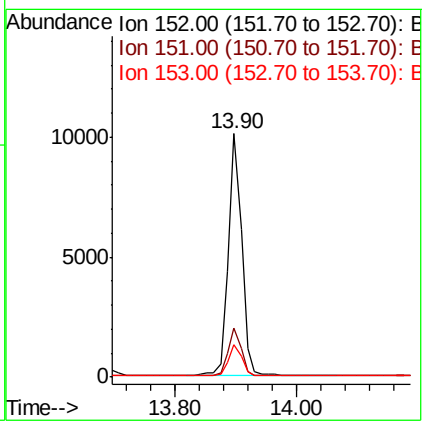


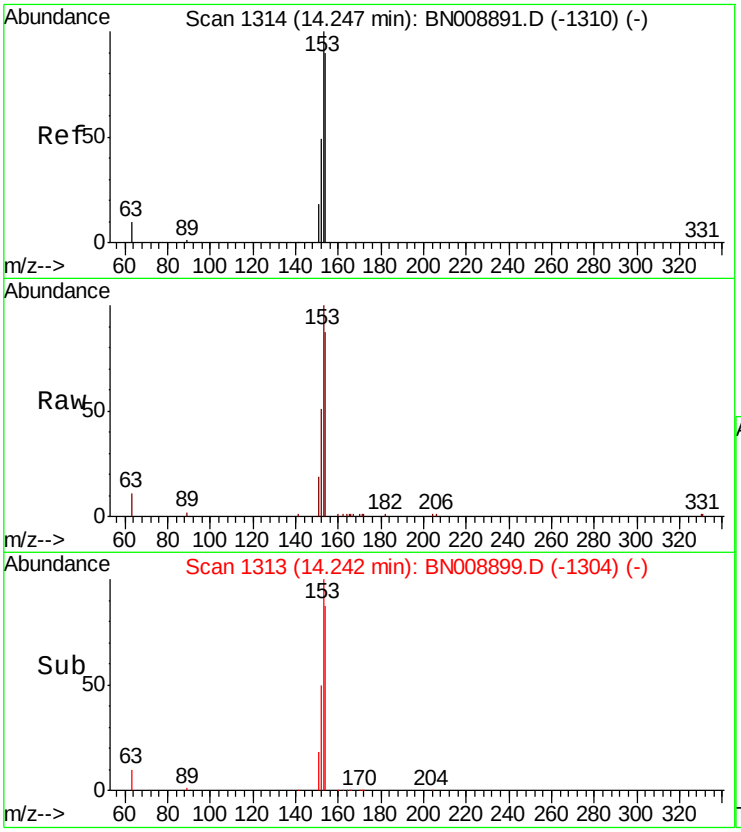




#16
Acenaphthylene
Concen: 0.421 ng
RT: 13.90 min Scan# 1282
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:152 Resp: 15477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 15.3 | 22.9 |
| 153 | 12.9 | 10.3 | 15.5 |



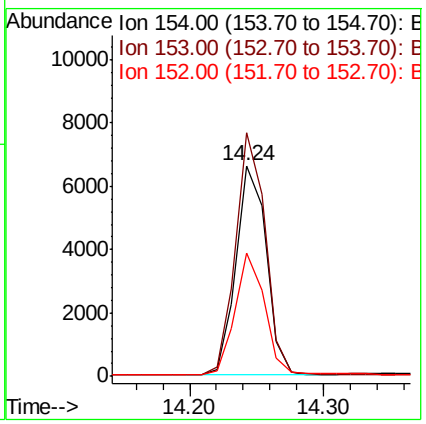


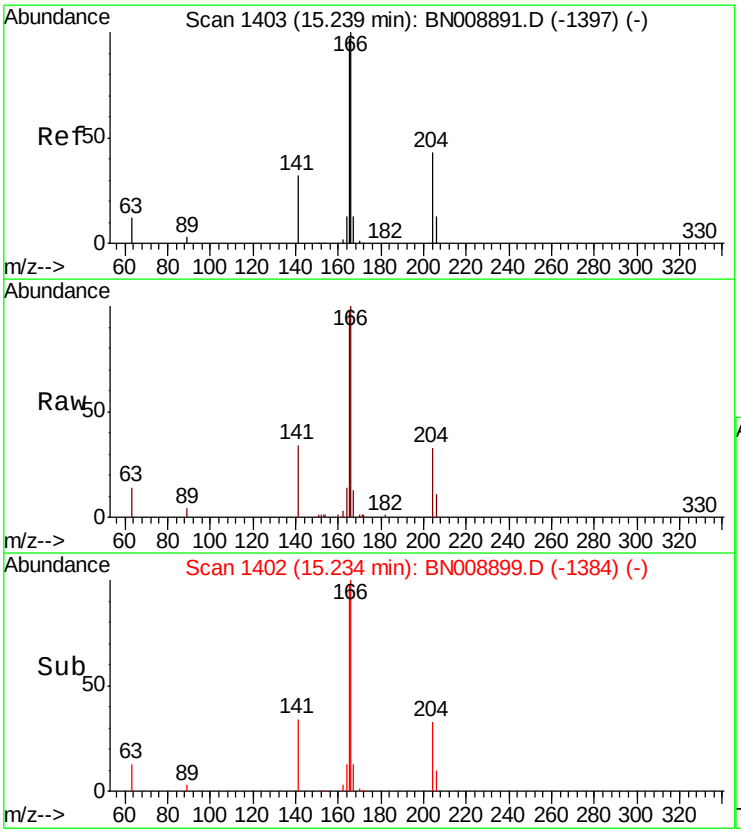

#17
Acenaphthene
Concen: 0.424 ng
RT: 14.24 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:154 Resp: 10358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.4 | 89.2 | 133.8 |
| 152 | 56.4 | 44.2 | 66.4 |

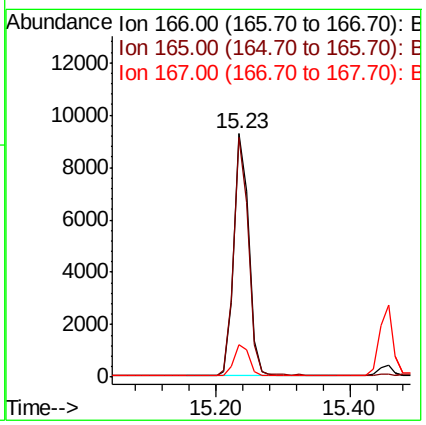


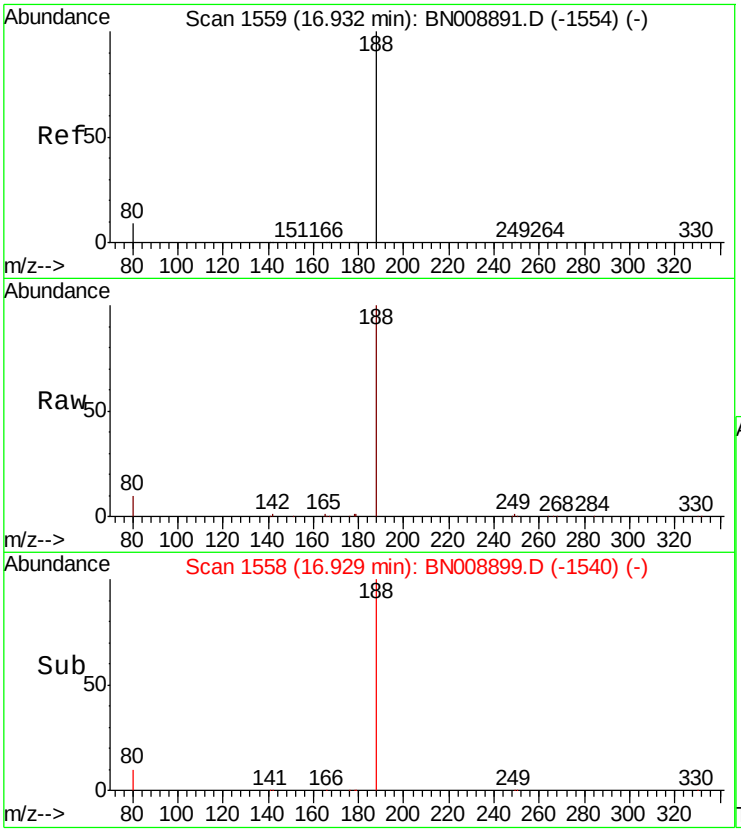




#18
Fluorene
Concen: 0.426 ng
RT: 15.23 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:166 Resp: 13989

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.5 | 77.3 | 115.9 |
| 167 | 13.4 | 10.8 | 16.2 |



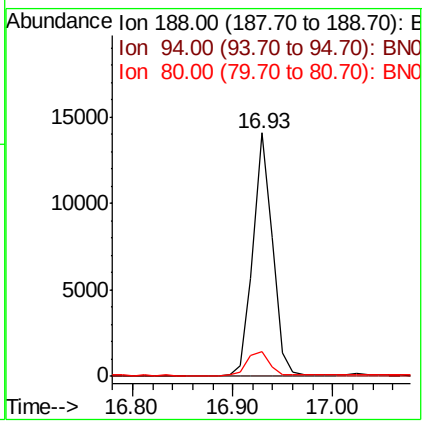


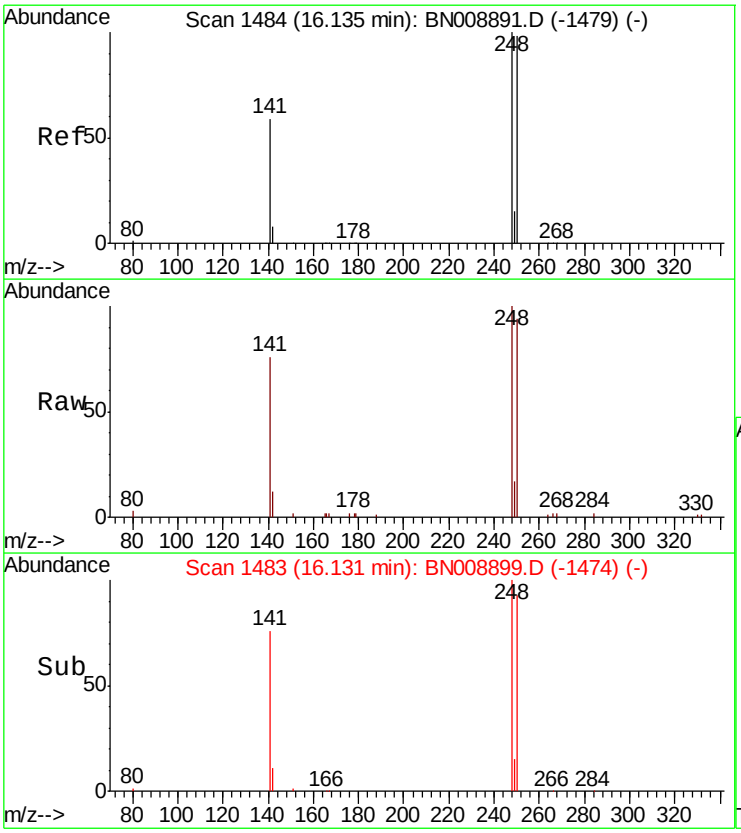

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.93 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:188 Resp: 19044

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.0 | 7.3 | 10.9 |

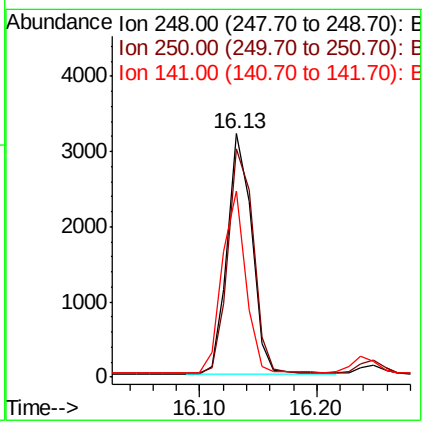


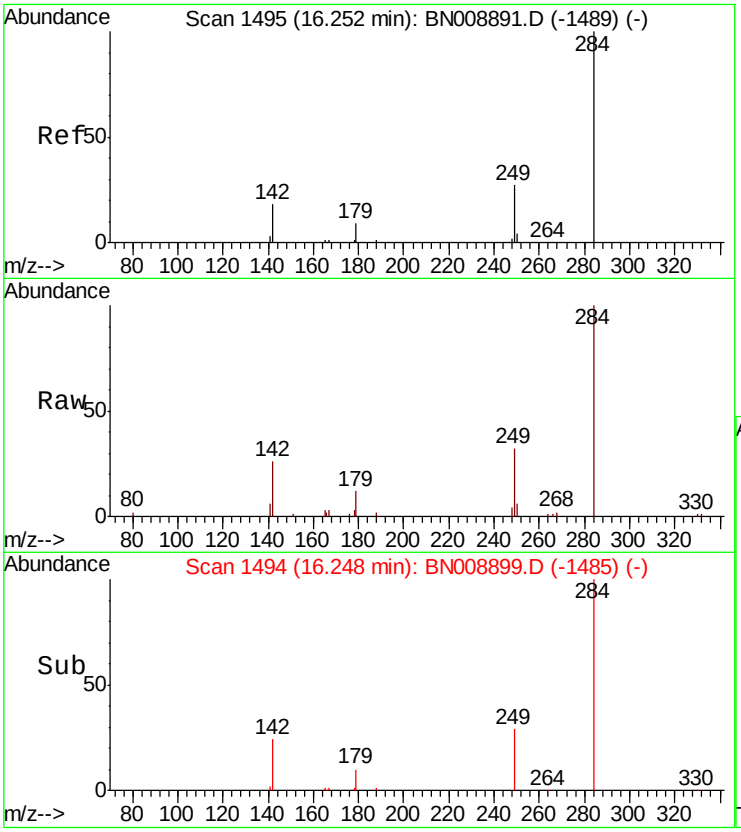




#20
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.13 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:248 Resp: 4587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 93.7 | 78.7 | 118.1 |
| 141 | 76.3 | 47.9 | 71.9# |



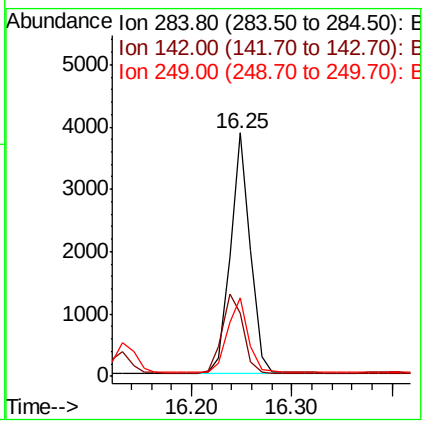


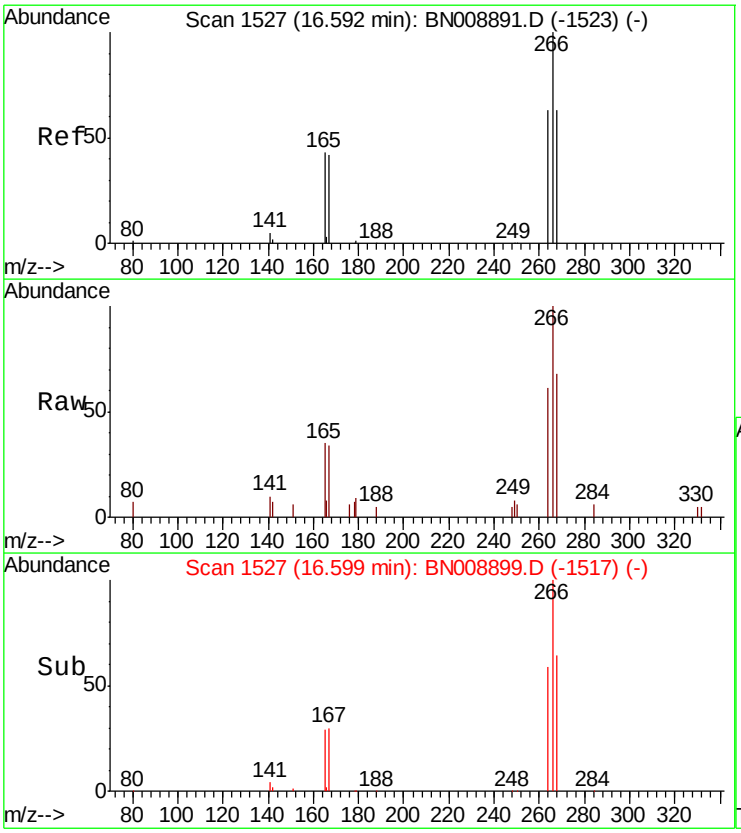

#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:284 Resp: 5253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.0 | 27.8 | 41.6 |
| 249 | 31.7 | 25.3 | 37.9 |

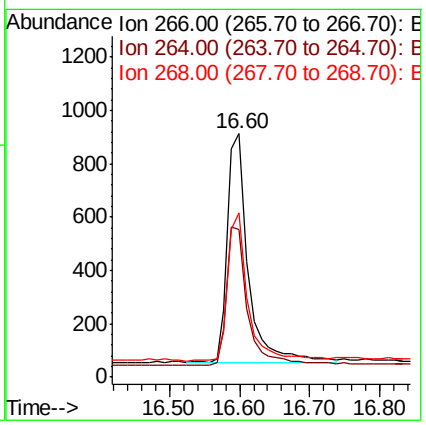


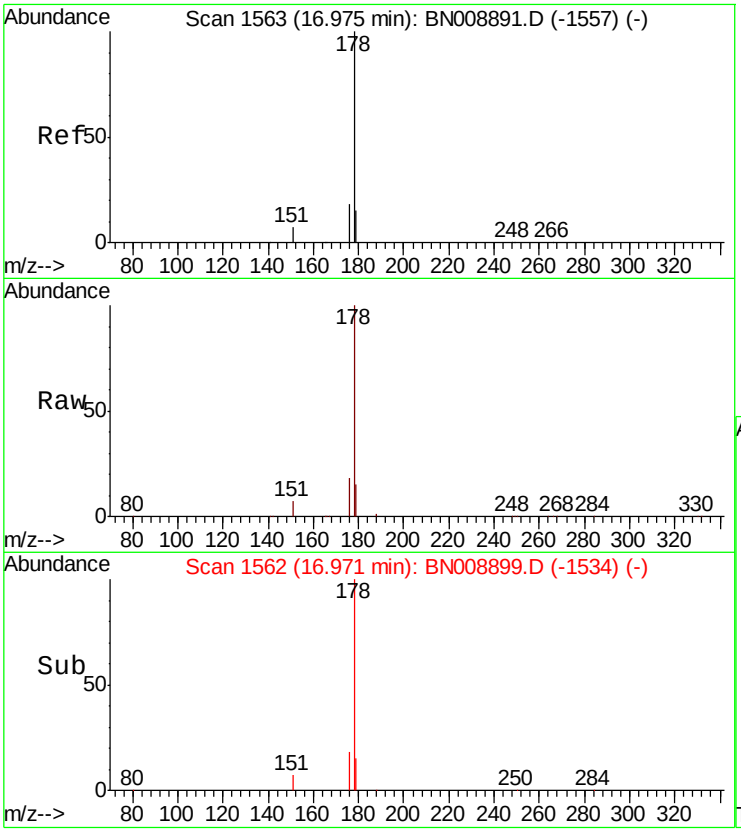




#22
Pentachlorophenol
Concen: 0.375 ng
RT: 16.60 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:266 Resp: 1756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 60.7 | 51.5 | 77.3 |
| 268 | 67.6 | 53.1 | 79.7 |



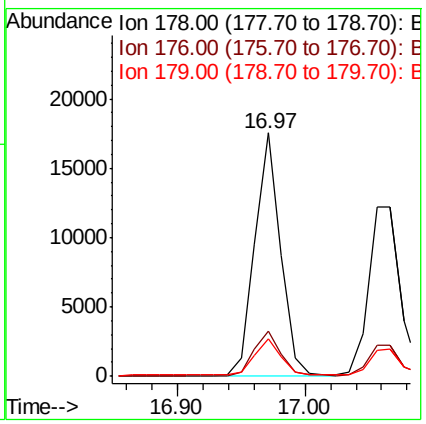


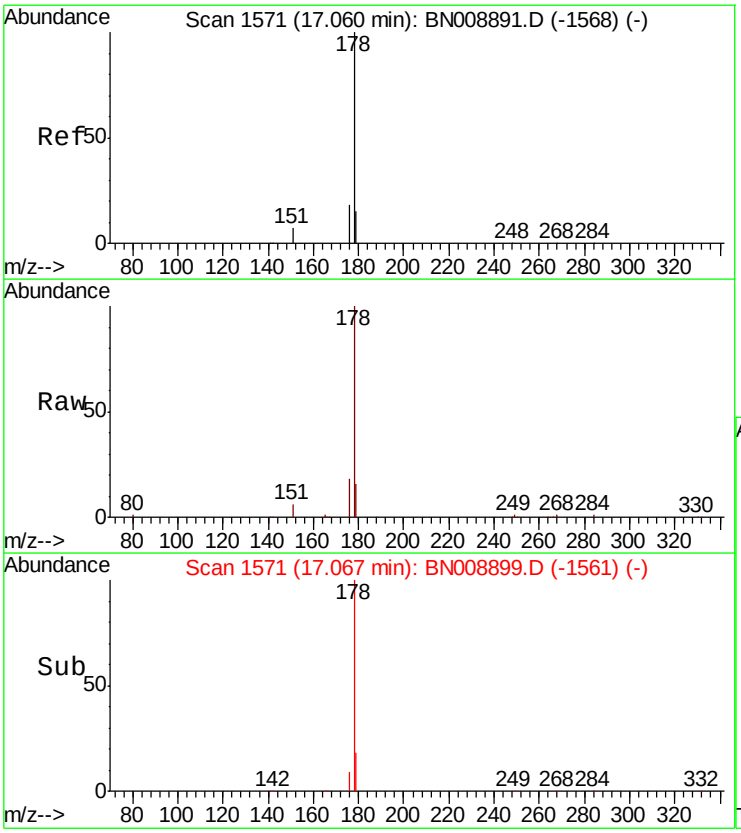

#23
Phenanthrene
Concen: 0.409 ng
RT: 16.97 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:178 Resp: 24519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.6 | 14.9 | 22.3 |
| 179 | 15.3 | 12.3 | 18.5 |

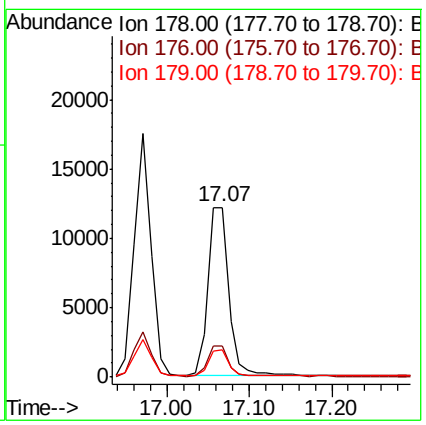


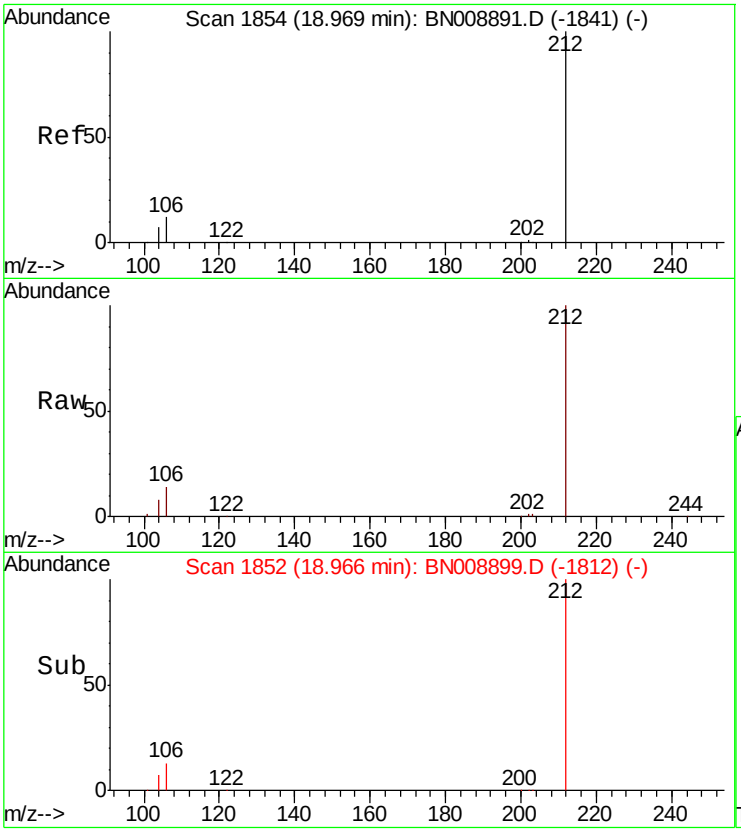




#24
Anthracene
Concen: 0.398 ng
RT: 17.07 min Scan# 1571
Delta R.T. 0.01 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:178 Resp: 21032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 14.4 | 21.6 |
| 179 | 15.4 | 12.1 | 18.1 |



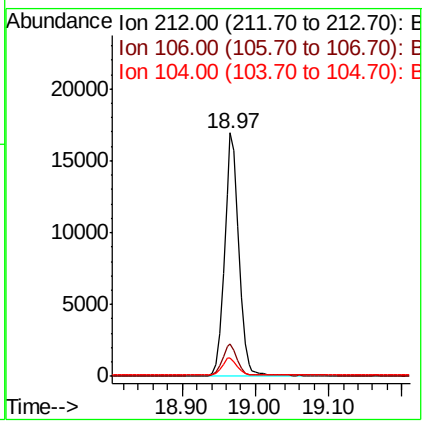


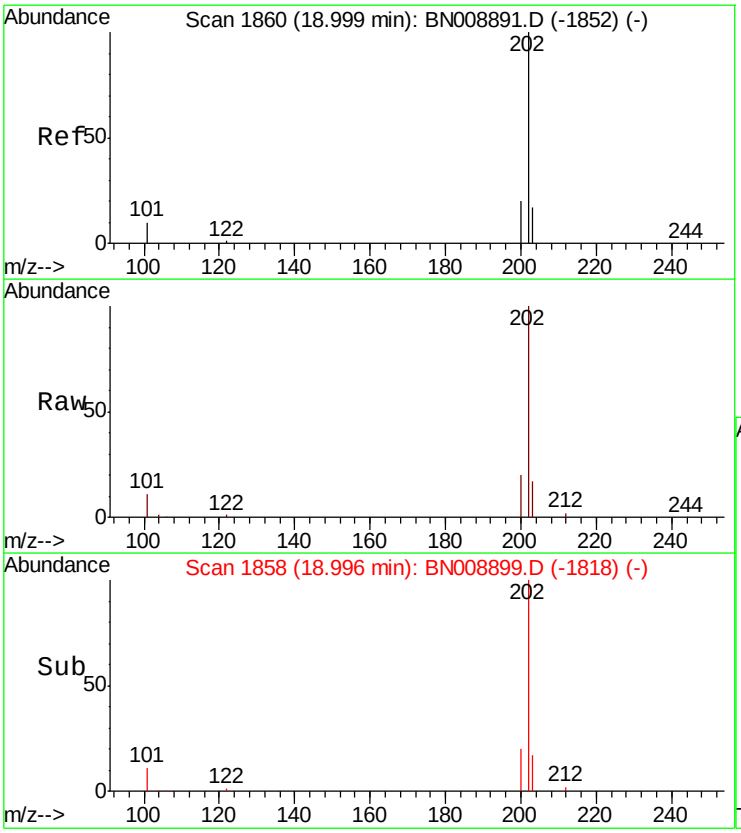

#25
Fluoranthene-d10
Concen: 0.396 ng
RT: 18.97 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:212 Resp: 22847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.2 | 10.4 | 15.6 |
| 104 | 7.3 | 5.9 | 8.9 |

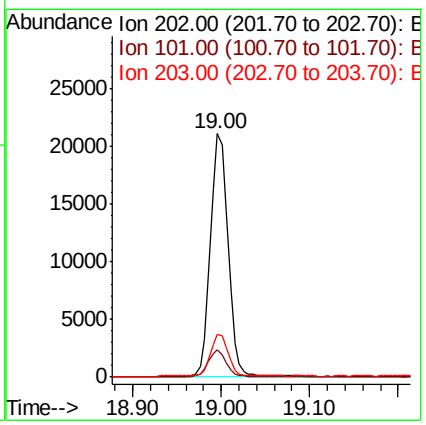


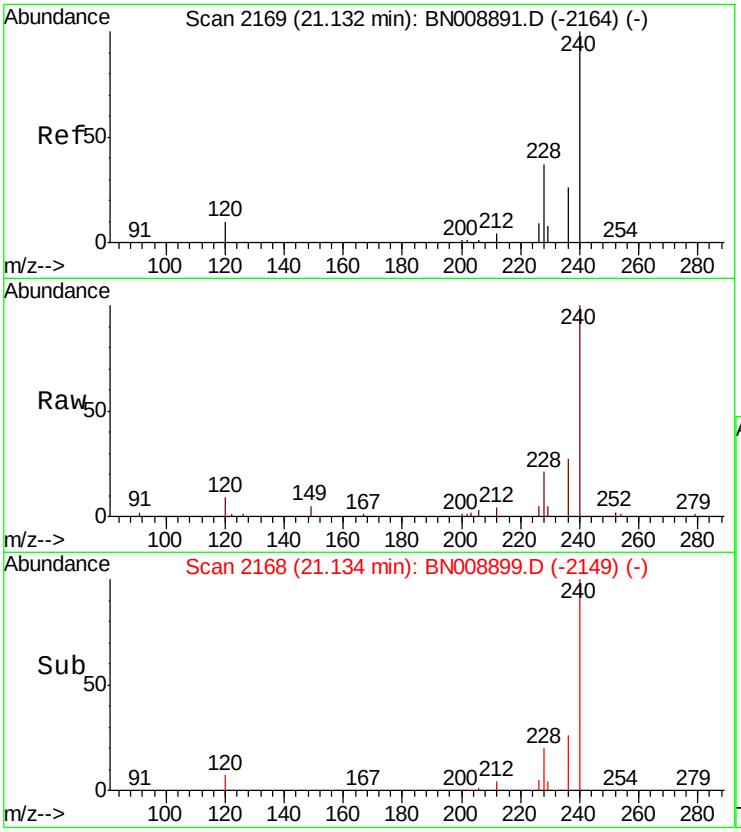




#26
Fluoranthene
Concen: 0.407 ng
RT: 19.00 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:202 Resp: 29021

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 8.8 | 13.2 |
| 203 | 17.1 | 13.8 | 20.6 |



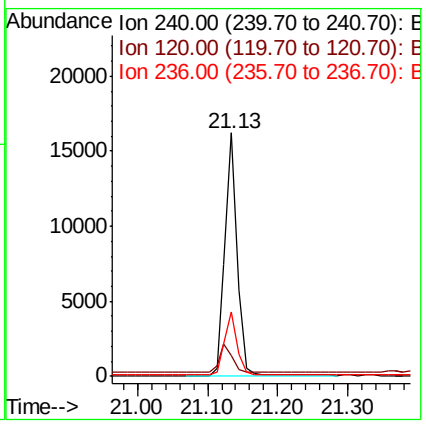


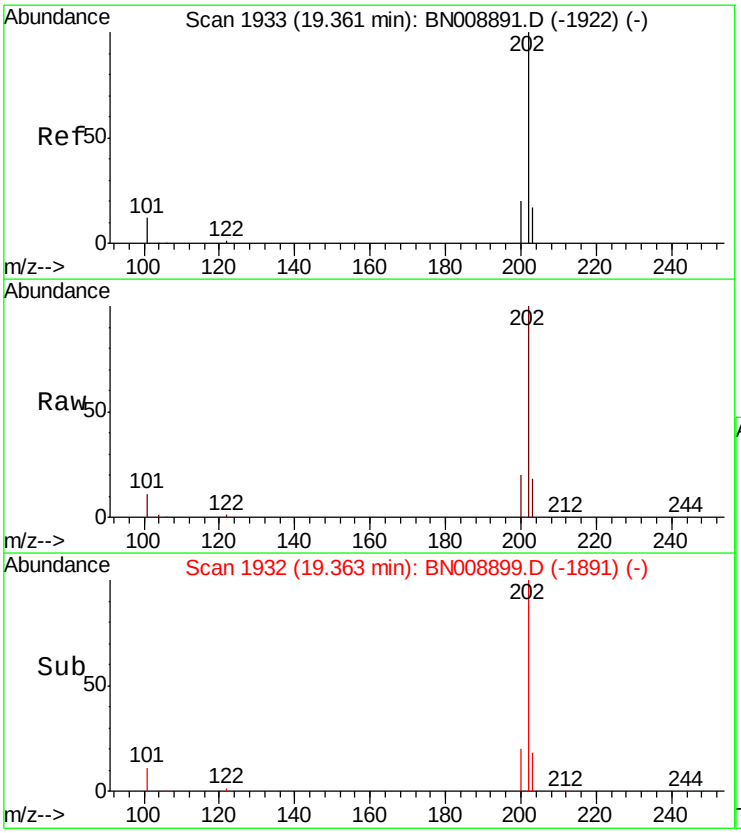

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.13 min Scan# 2168
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:240 Resp: 19581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.7 | 9.1 | 13.7# |
| 236 | 26.6 | 21.5 | 32.3 |

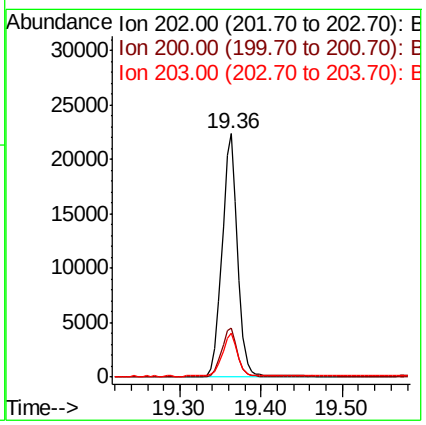


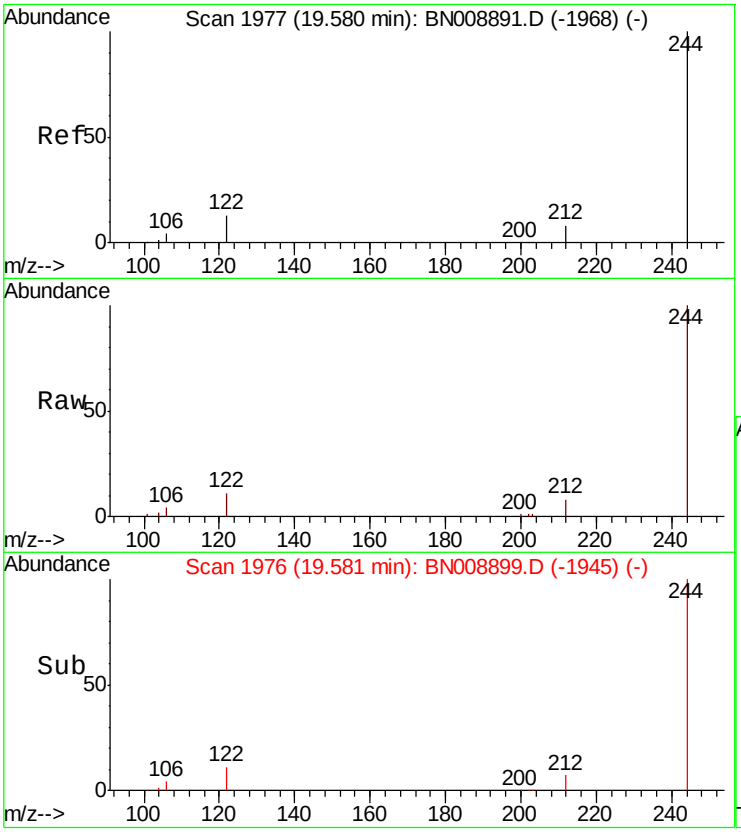




#28
Pyrene
Concen: 0.428 ng
RT: 19.36 min Scan# 1932
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:202 Resp: 29353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.2 | 16.1 | 24.1 |
| 203 | 17.5 | 13.9 | 20.9 |



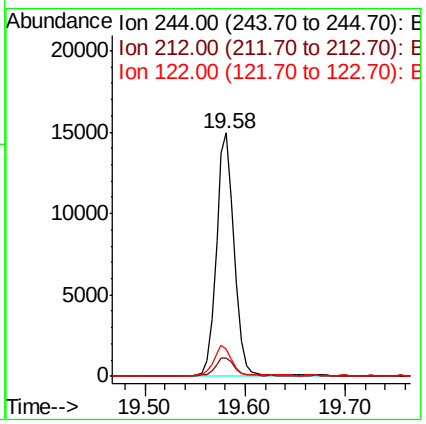


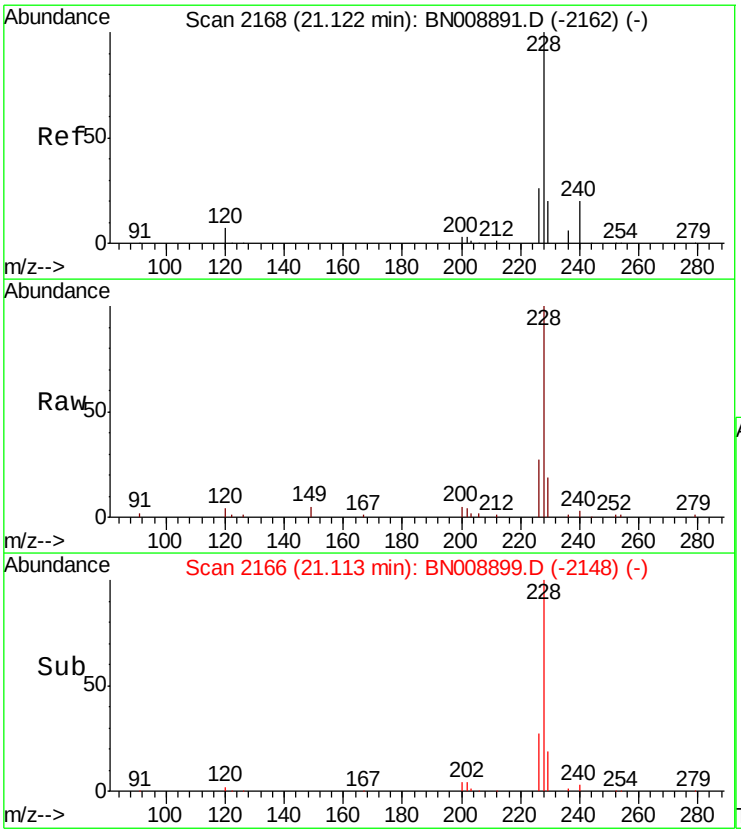

#29
Terphenyl-d14
Concen: 0.410 ng
RT: 19.58 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:244 Resp: 18310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.5 | 9.7 |
| 122 | 11.3 | 10.4 | 15.6 |

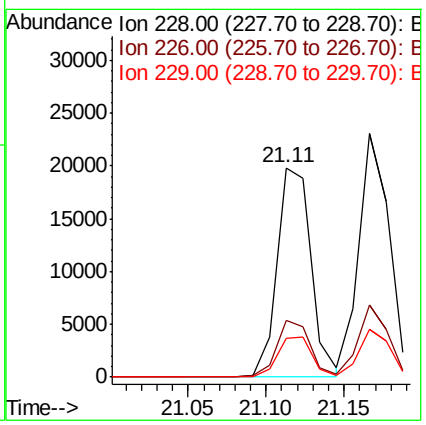


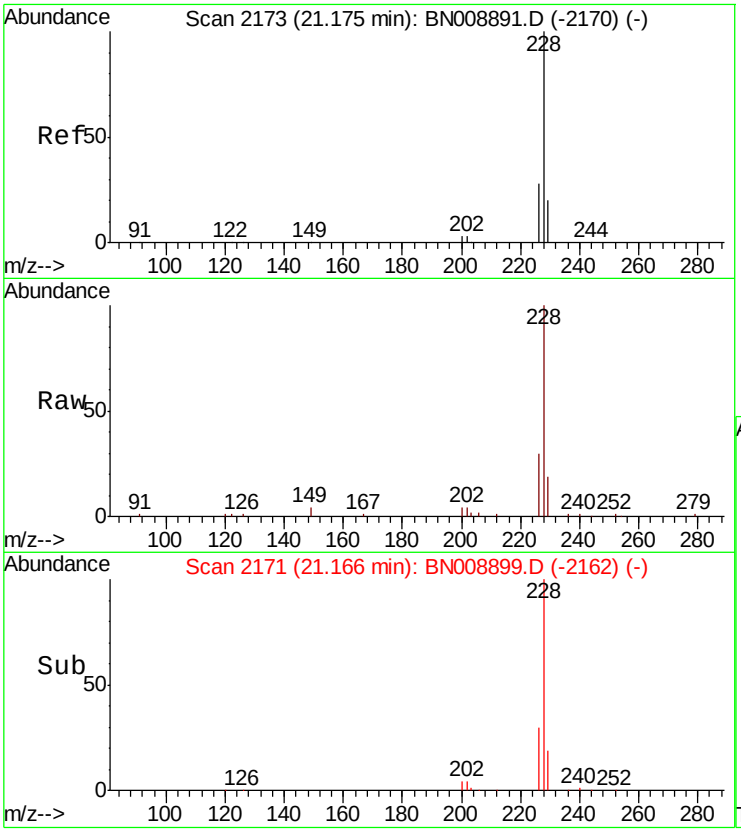




#30
Benzo(a)anthracene
Concen: 0.427 ng
RT: 21.11 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:228 Resp: 29614

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.3 | 20.6 | 30.8 |
| 229 | 18.8 | 15.9 | 23.9 |



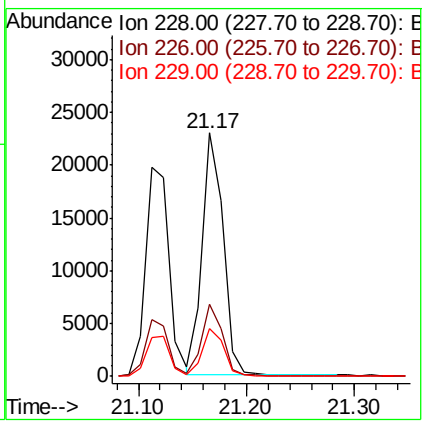


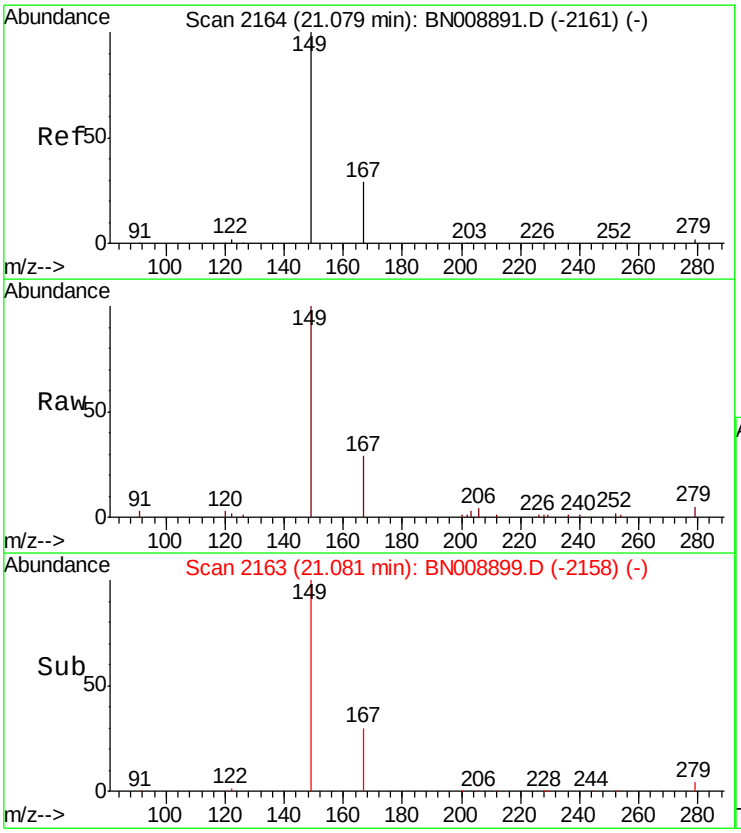

#31
Chrysene
Concen: 0.432 ng
RT: 21.17 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:228 Resp: 31074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 22.2 | 33.4 |
| 229 | 19.4 | 15.9 | 23.9 |

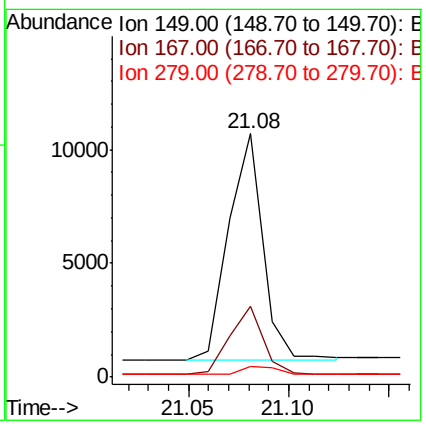


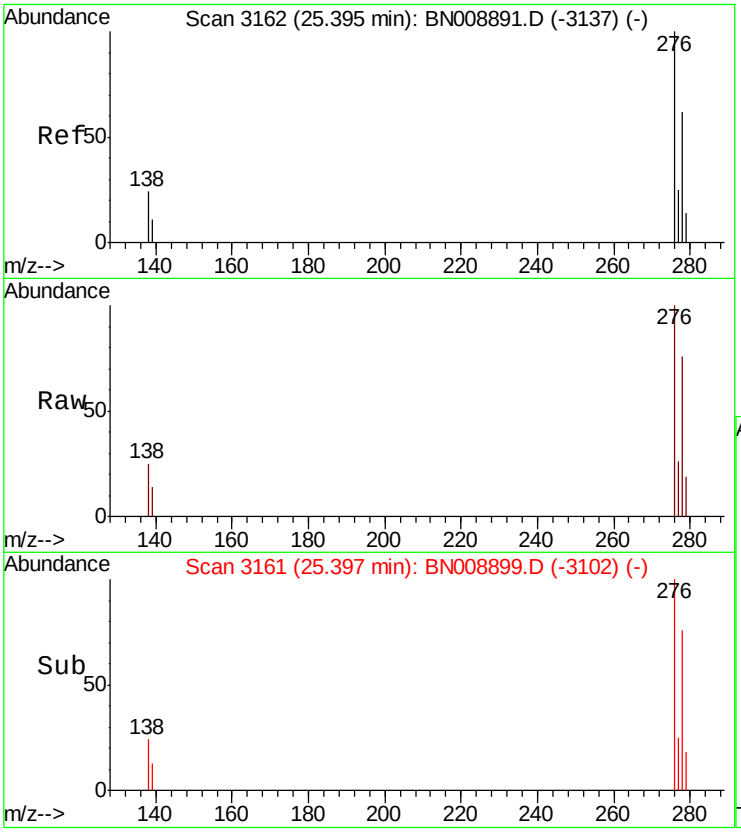




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.367 ng
RT: 21.08 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:149 Resp: 11939

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 22.7 | 34.1 |
| 279 | 4.0 | 3.3 | 4.9 |



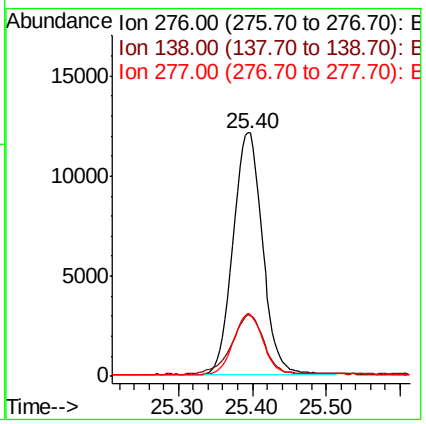


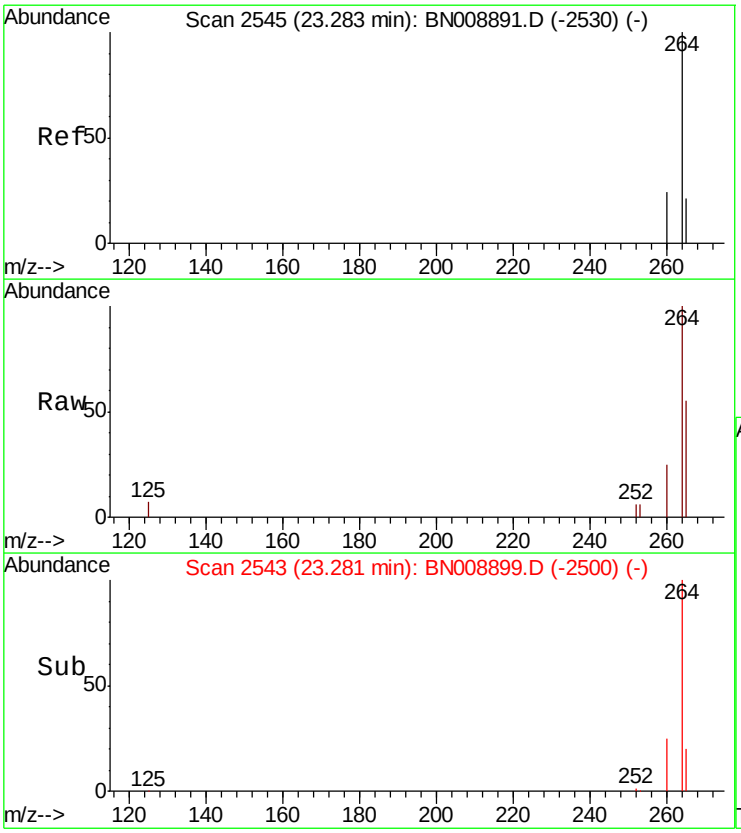

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.444 ng
RT: 25.40 min Scan# 3161
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:276 Resp: 33846

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.4 | 19.9 | 29.9 |
| 277 | 24.8 | 19.8 | 29.8 |

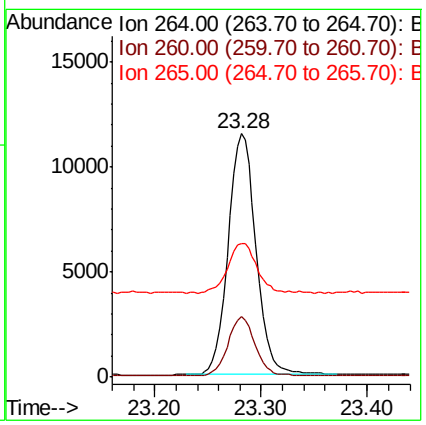


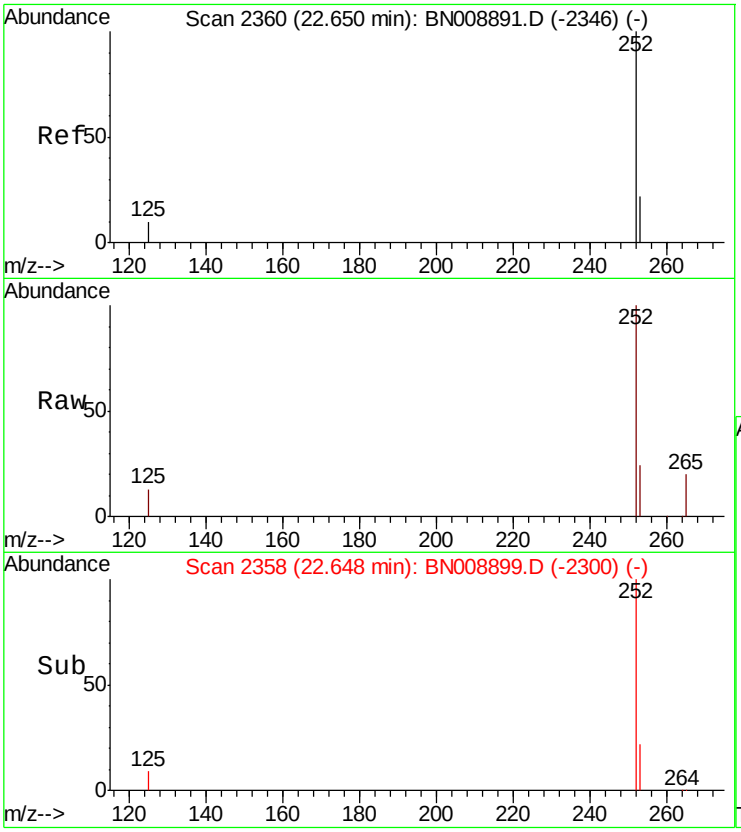




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.28 min Scan# 2543
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:264 Resp: 20905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 19.4 | 29.0 |
| 265 | 55.0 | 47.5 | 71.3 |



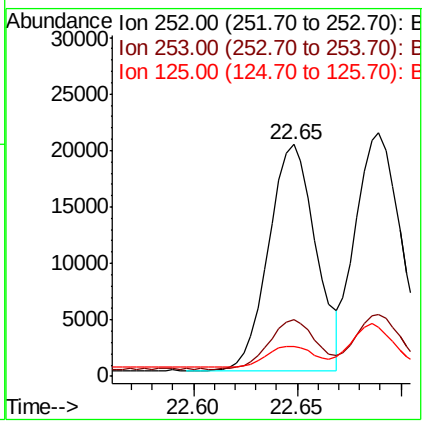


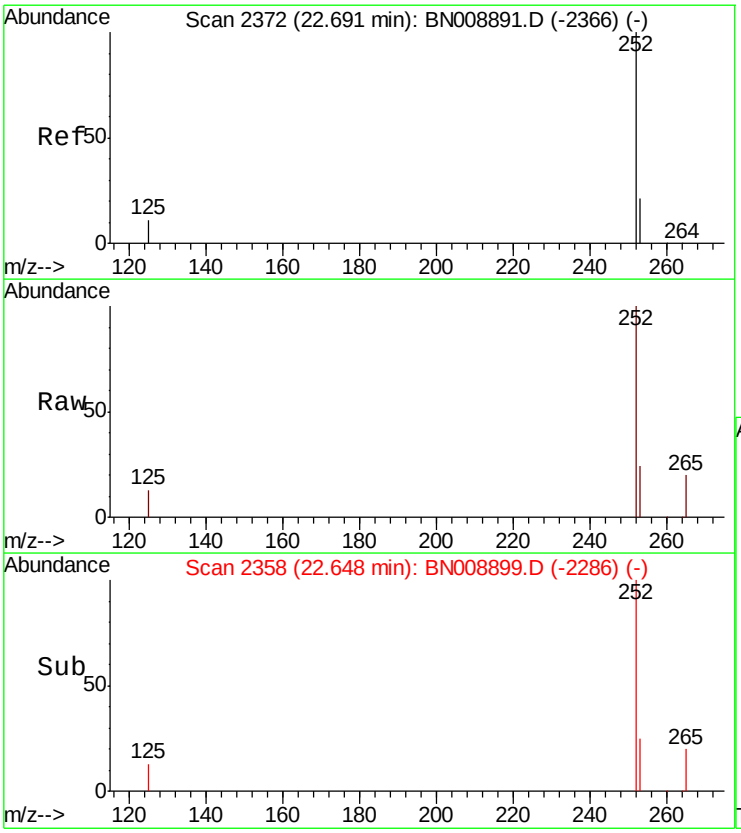

#35
Benzo(b)fluoranthene
Concen: 0.422 ng
RT: 22.65 min Scan# 2358
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:252 Resp: 31604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 19.8 | 29.6 |
| 125 | 13.1 | 10.8 | 16.2 |

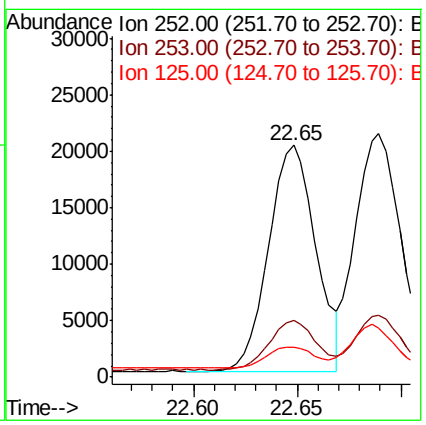


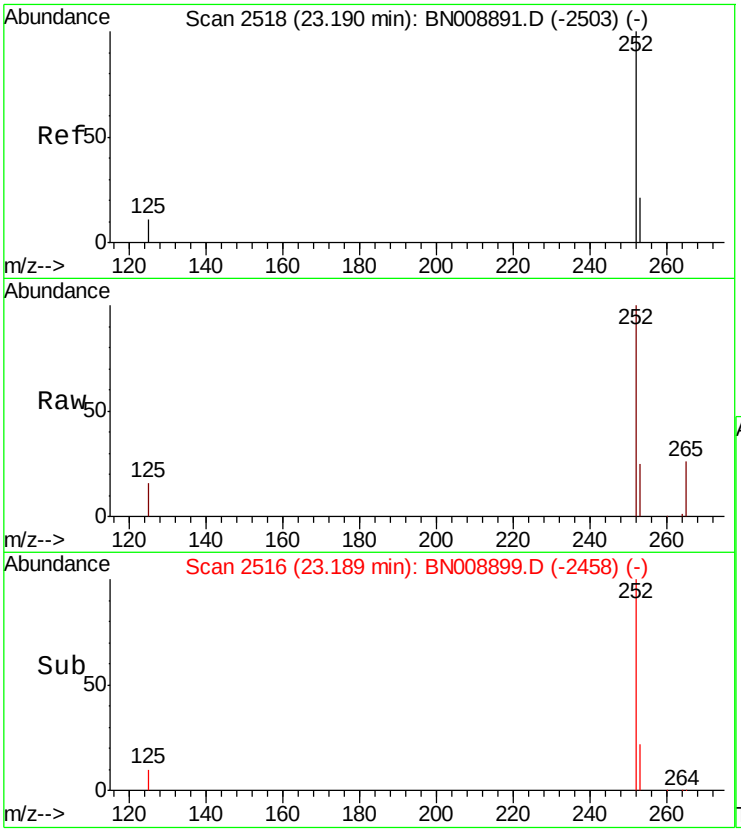




#36
Benzo(k)fluoranthene
Concen: 0.420 ng
RT: 22.65 min Scan# 2358
Delta R.T. -0.04 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:252 Resp: 31604

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.2 | 19.2 | 28.8 |
| 125 | 13.1 | 11.6 | 17.4 |



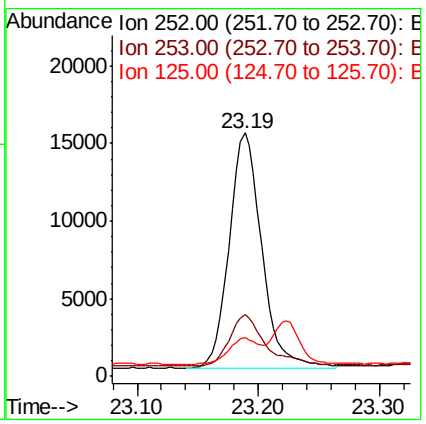


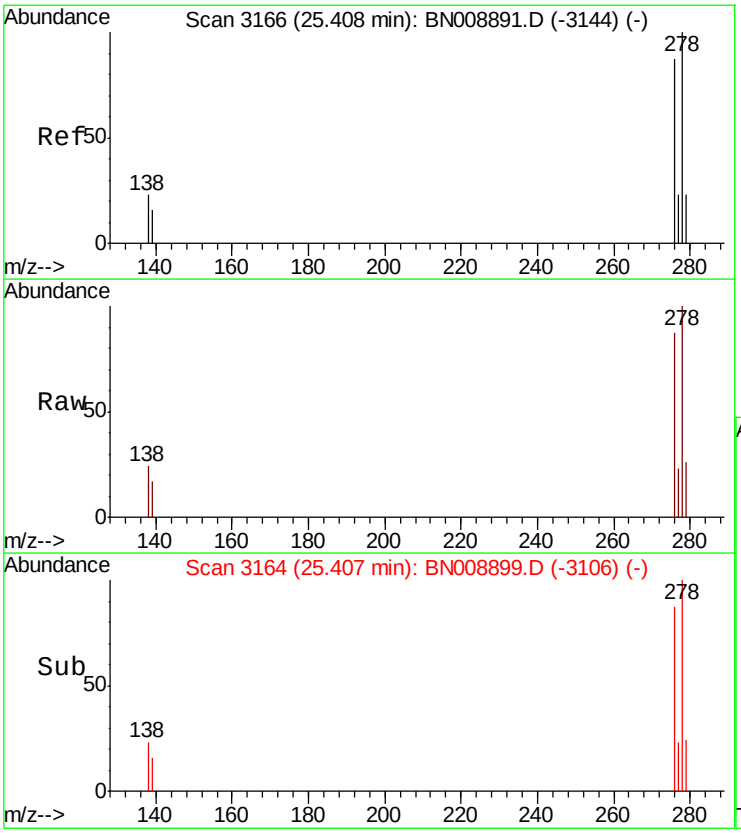

#37
Benzo(a)pyrene
Concen: 0.418 ng
RT: 23.19 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:252 Resp: 28079

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.2 | 19.9 | 29.9 |
| 125 | 15.8 | 12.3 | 18.5 |

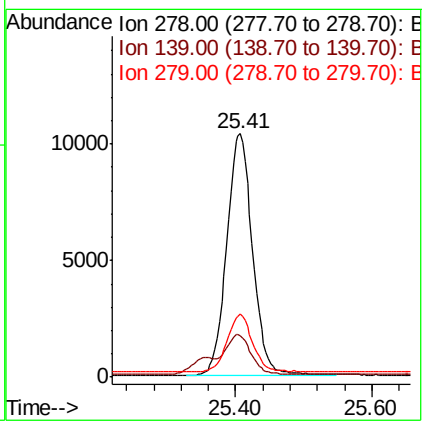


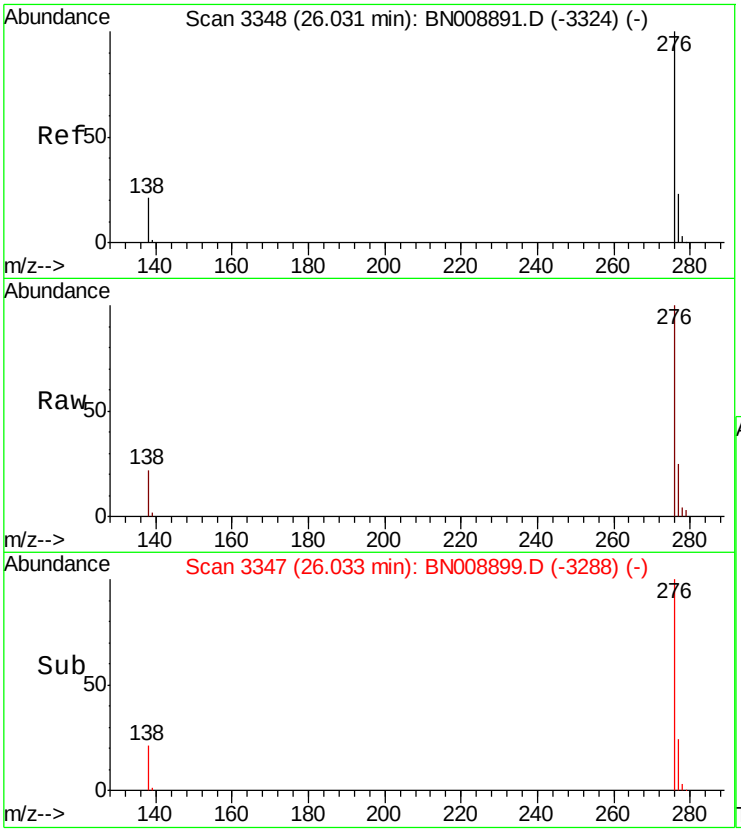




#38
Dibenzo(a,h)anthracene
Concen: 0.434 ng
RT: 25.41 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

Tgt Ion:278 Resp: 27363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.1 | 13.9 | 20.9 |
| 279 | 25.9 | 20.2 | 30.4 |






#39
Benzo(g,h,i)perylene
Concen: 0.434 ng
RT: 26.03 min Scan# 3347
Delta R.T. 0.00 min
Lab File: BN008899.D
Acq: 10 Dec 2019 10:50

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

Tgt Ion:276 Resp: 26993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.8 | 19.4 | 29.2 |
| 138 | 22.2 | 17.8 | 26.6 |