Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
Data File : BN007608.D
Acq On : 12 Sep 2019 14:40
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** ICVBN091219

Quant Time: Sep 12 15:39:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.72 | 152 | 7399 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.49 | 136 | 28703 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.34 | 164 | 16138 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.08 | 188 | 33346 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.28 | 240 | 33463 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.50 | 264 | 33251 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.33 | 112 | 8413 | 0.36 | ng | | 0.00 |
| 5) Phenol-d6 | 6.89 | 99 | 10696 | 0.37 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.86 | 82 | 9158 | 0.40 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.08 | 152 | 20351 | 0.42 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.83 | 330 | 1982 | 0.32 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.97 | 172 | 28301 | 0.40 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 19.12 | 212 | 44082 | 0.42 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.72 | 244 | 37175 | 0.42 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.33 | 88 | 3518 | 0.397 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.03 | 42 | 2430 | 0.604 | ng | # | 1 |
| 6) bis(2-Chloroethyl)ether | 7.16 | 93 | 8077 | 0.372 | ng | | 96 |
| 9) Naphthalene | 10.53 | 128 | 34995 | 0.426 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.84 | 225 | 7074 | 0.427 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.15 | 142 | 23323 | 0.422 | ng | | 99 |
| 16) Acenaphthylene | 14.06 | 152 | 31611 | 0.377 | ng | | 100 |
| 17) Acenaphthene | 14.40 | 154 | 21637 | 0.395 | ng | | 99 |
| 18) Fluorene | 15.39 | 166 | 27017 | 0.391 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.28 | 248 | 8706 | 0.422 | ng | | 96 |
| 21) Hexachlorobenzene | 16.40 | 284 | 9569 | 0.434 | ng | | 99 |
| 22) Pentachlorophenol | 16.74 | 266 | 1936 | 0.338 | ng | | 99 |
| 23) Phenanthrene | 17.12 | 178 | 44945 | 0.427 | ng | | 100 |
| 24) Anthracene | 17.21 | 178 | 38375 | 0.412 | ng | | 99 |
| 26) Fluoranthene | 19.15 | 202 | 51543 | 0.419 | ng | | 100 |
| 28) Pyrene | 19.51 | 202 | 51321 | 0.422 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.26 | 228 | 47520 | 0.400 | ng | | 99 |
| 31) Chrysene | 21.31 | 228 | 51615 | 0.418 | ng | | 100 |
| 32) Bis(2-ethylhexyl)phthalate | 21.22 | 149 | 13793 | 0.343 | ng | | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 25.72 | 276 | 55140 | 0.418 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 22.84 | 252 | 48269 | 0.400 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.88 | 252 | 50671 | 0.410 | ng | | 99 |
| 37) Benzo(a)pyrene | 23.40 | 252 | 42094 | 0.393 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.74 | 278 | 45889 | 0.409 | ng | | 100 |
| 39) Benzo(g,h,i)perylene | 26.39 | 276 | 44951 | 0.405 | ng | | 99 |

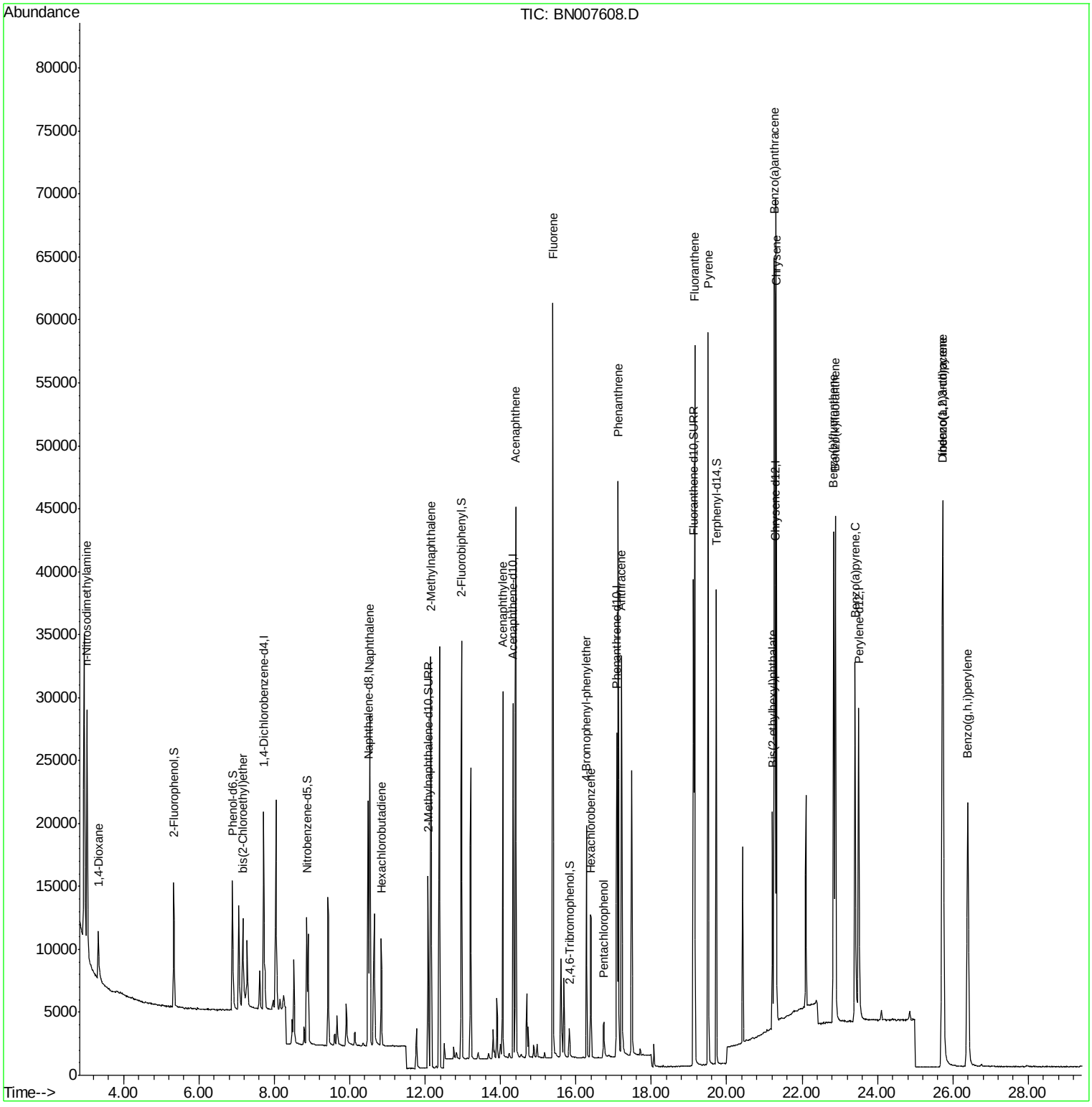
(#) = qualifier out of range (m) = manual integration (+) = signals summed

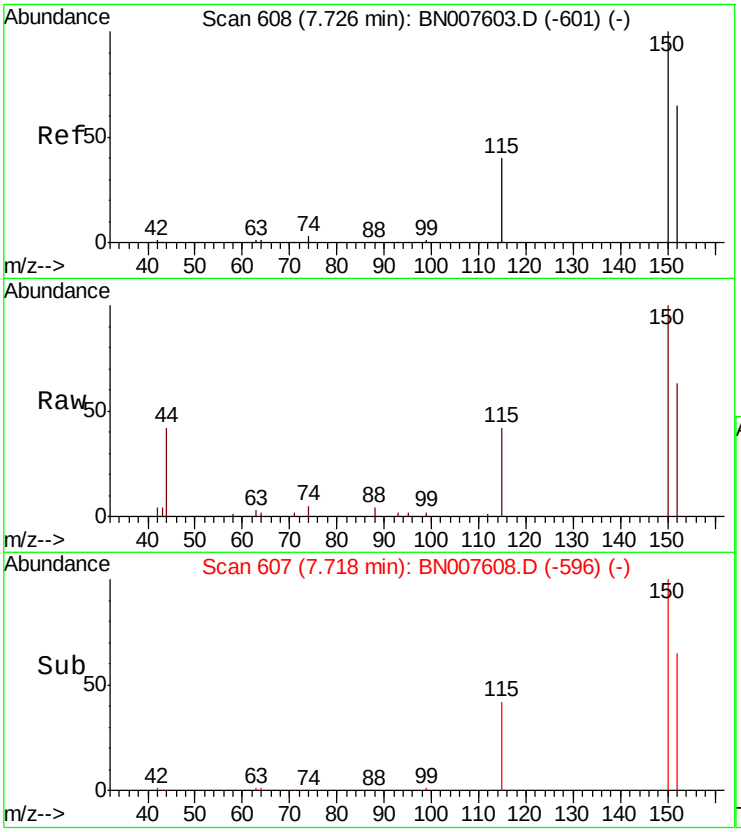
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091219\
Data File : BN007608.D
Acq On : 12 Sep 2019 14:40
Operator : HP/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Quant Time: Sep 12 15:39:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:27:51 2019
Response via : Initial Calibration



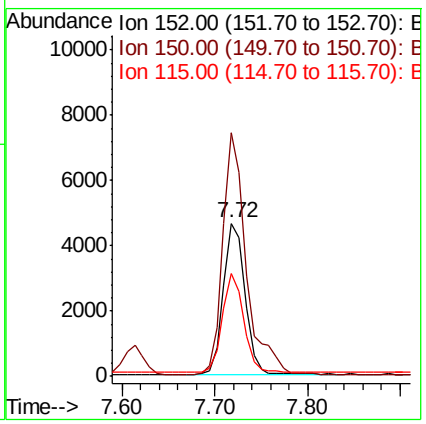


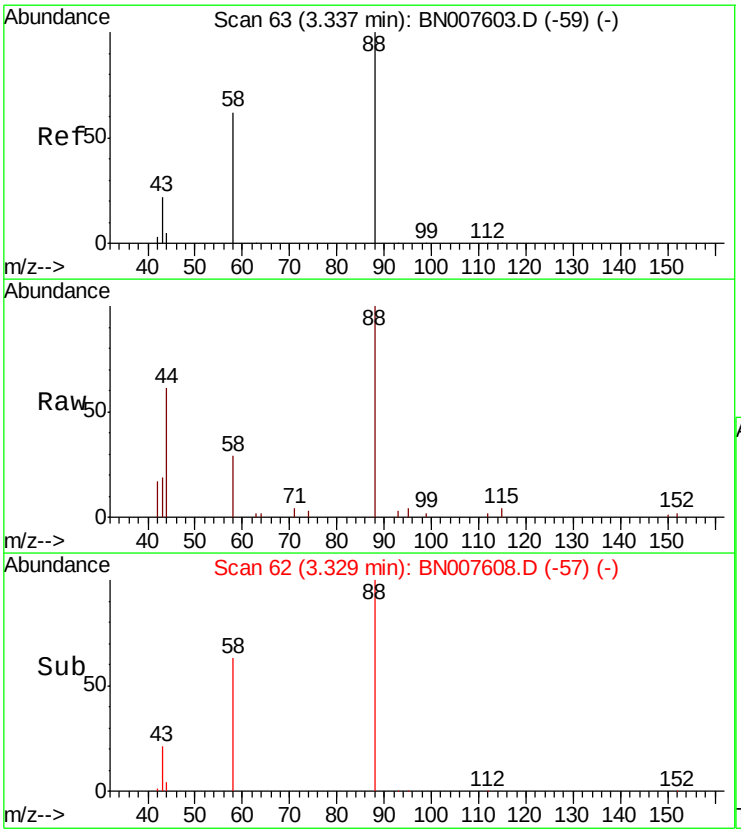

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 607
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:152 Resp: 7399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 122.4 | 183.6 |
| 115 | 67.2 | 50.4 | 75.6 |

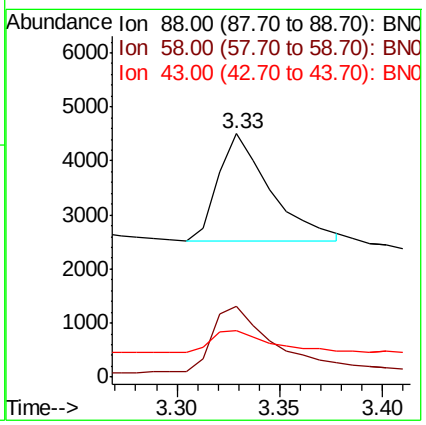


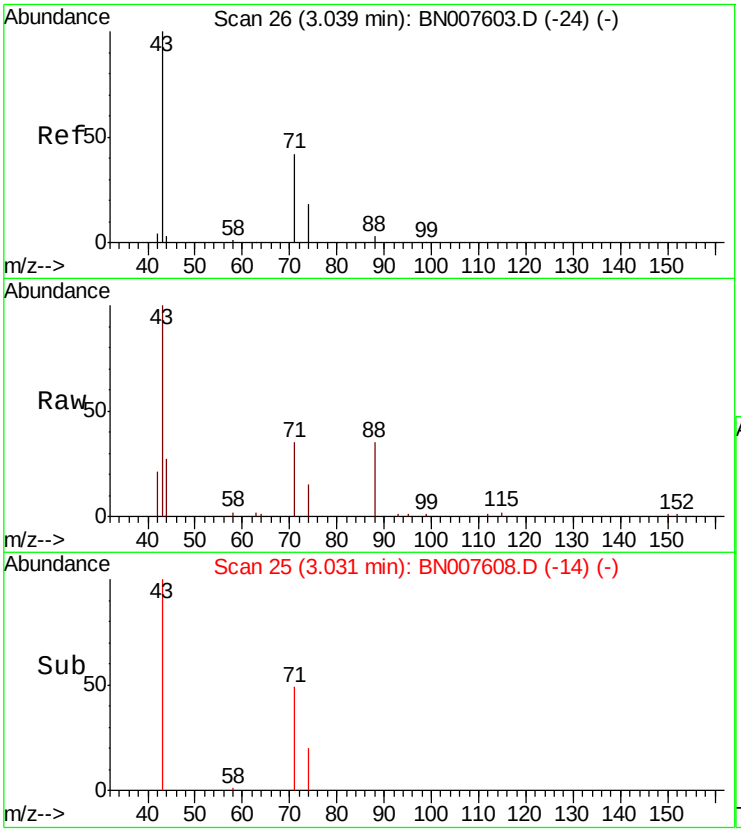




#2
1,4-Dioxane
Concen: 0.397 ng
RT: 3.33 min Scan# 62
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion: 88 Resp: 3518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 70.1 | 57.0 | 85.4 |
| 43 | 23.3 | 20.0 | 30.0 |



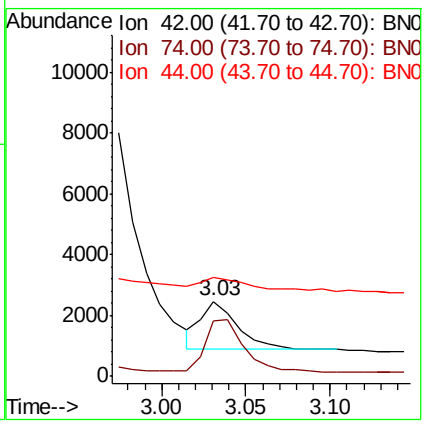


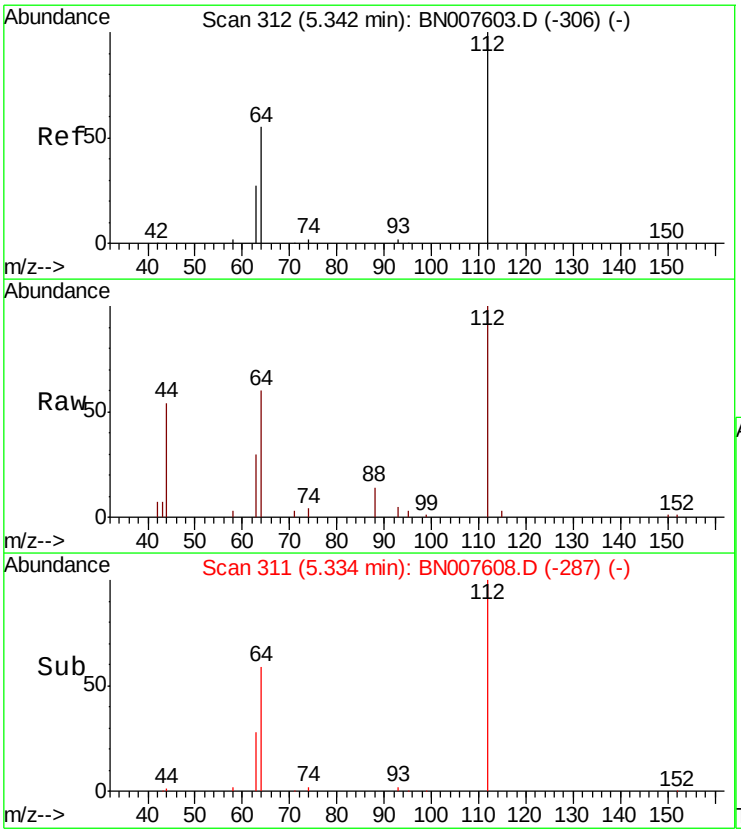

#3
n-Nitrosodimethylamine
Concen: 0.604 ng
RT: 3.03 min Scan# 25
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion: 42 Resp: 2430

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 109.8 | 9.8 | 14.8# |
| 44 | 37.5 | 0.0 | 0.0# |

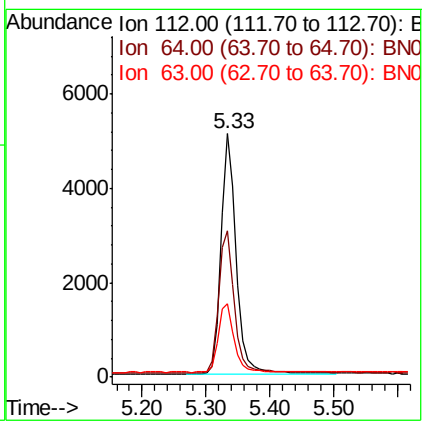


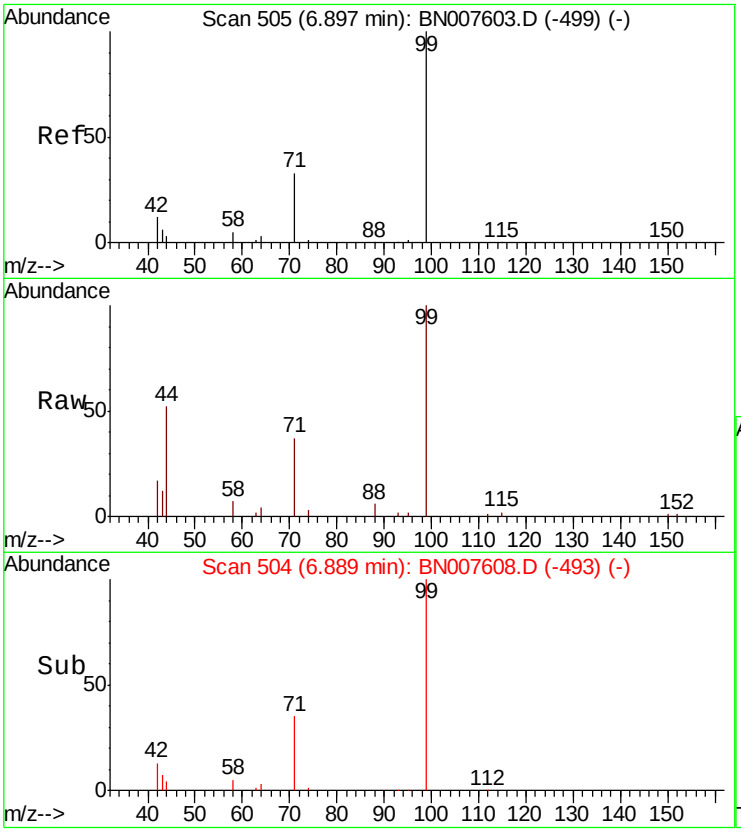




#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.33 min Scan# 311
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:112 Resp: 8413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.2 | 48.5 | 72.7 |
| 63 | 31.0 | 24.4 | 36.6 |



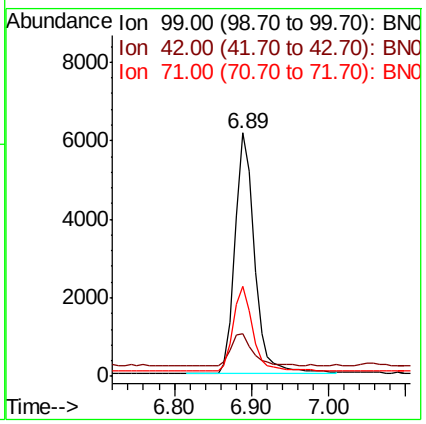


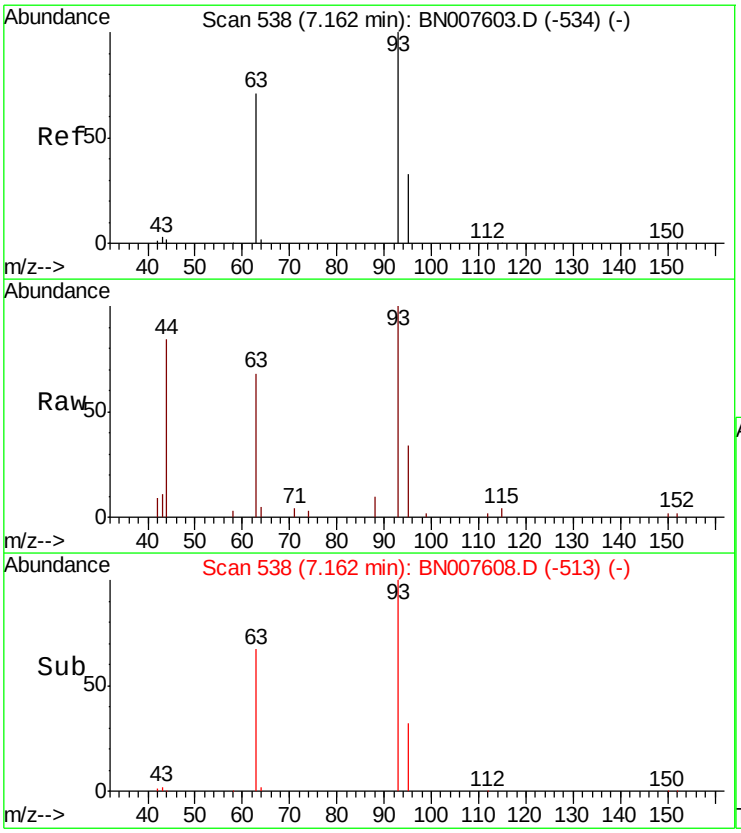

#5
Phenol-d6
Concen: 0.371 ng
RT: 6.89 min Scan# 504
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion: 99 Resp: 10696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.0 | 11.8 | 17.6 |
| 71 | 34.6 | 28.0 | 42.0 |

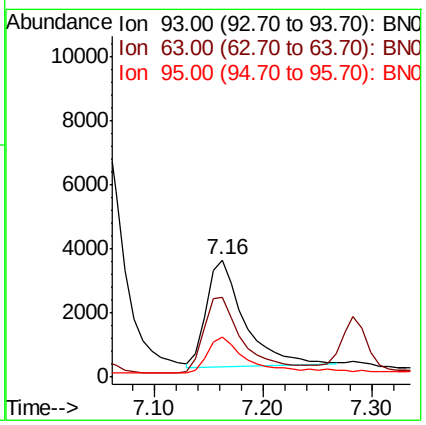


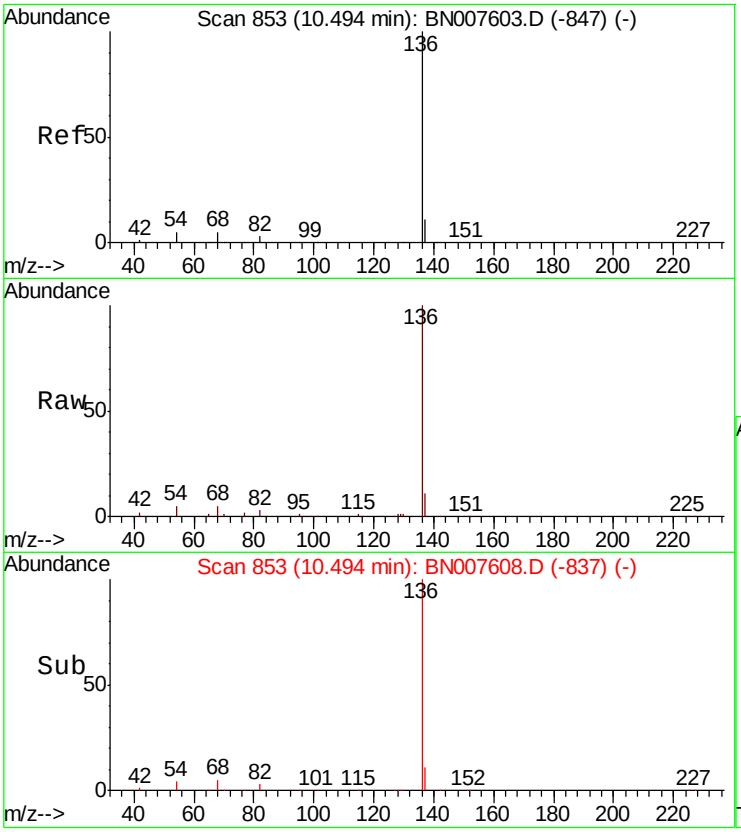




#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 7.16 min Scan# 538
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion: 93 Resp: 8077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 74.6 | 61.2 | 91.8 |
| 95 | 38.7 | 27.2 | 40.8 |



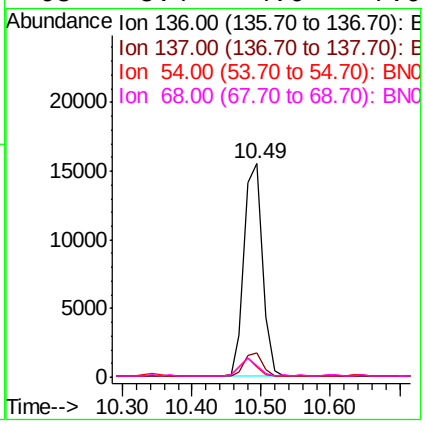


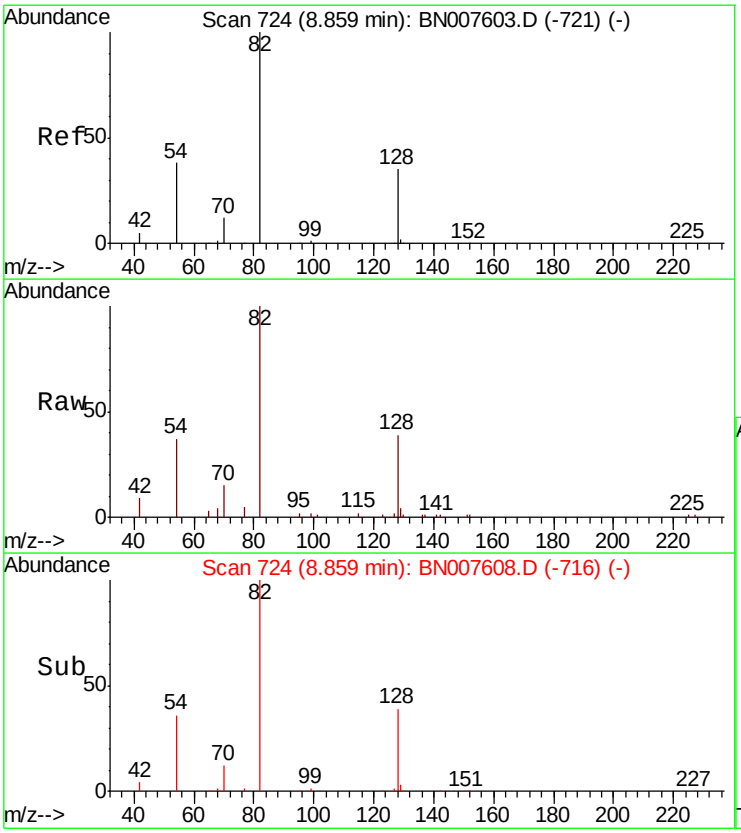

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:136 Resp: 28703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.8 | 13.2 |
| 54 | 4.6 | 4.2 | 6.4 |
| 68 | 5.4 | 4.6 | 7.0 |

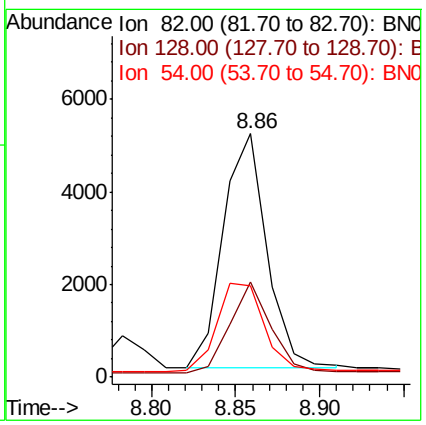


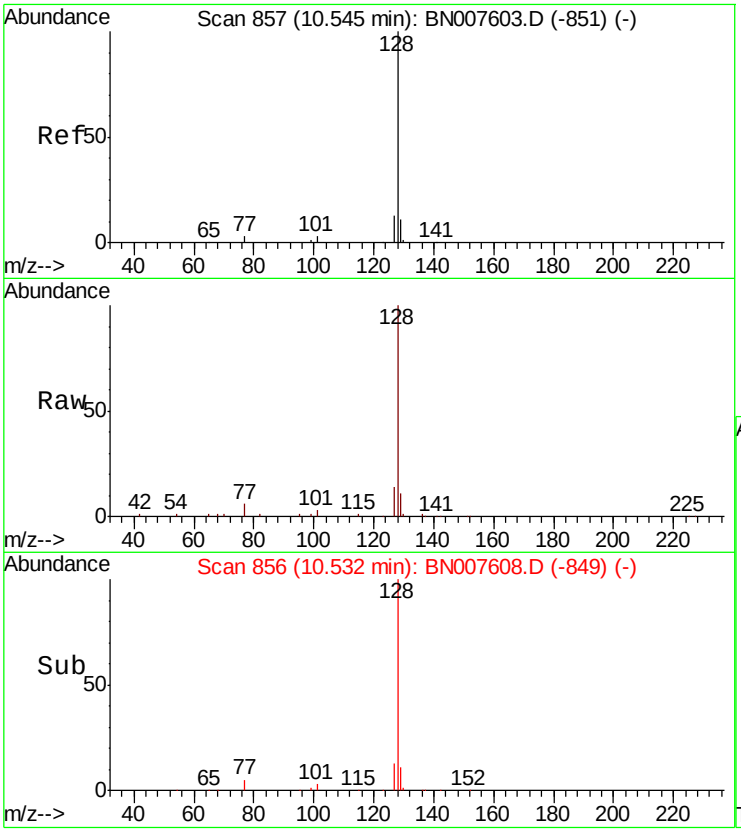




#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.86 min Scan# 724
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion: 82 Resp: 9158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 27.9 | 41.9 |
| 54 | 37.4 | 30.9 | 46.3 |



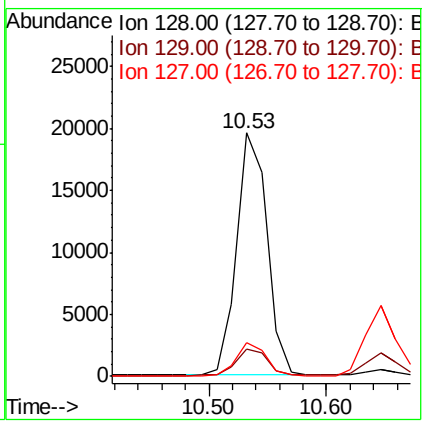


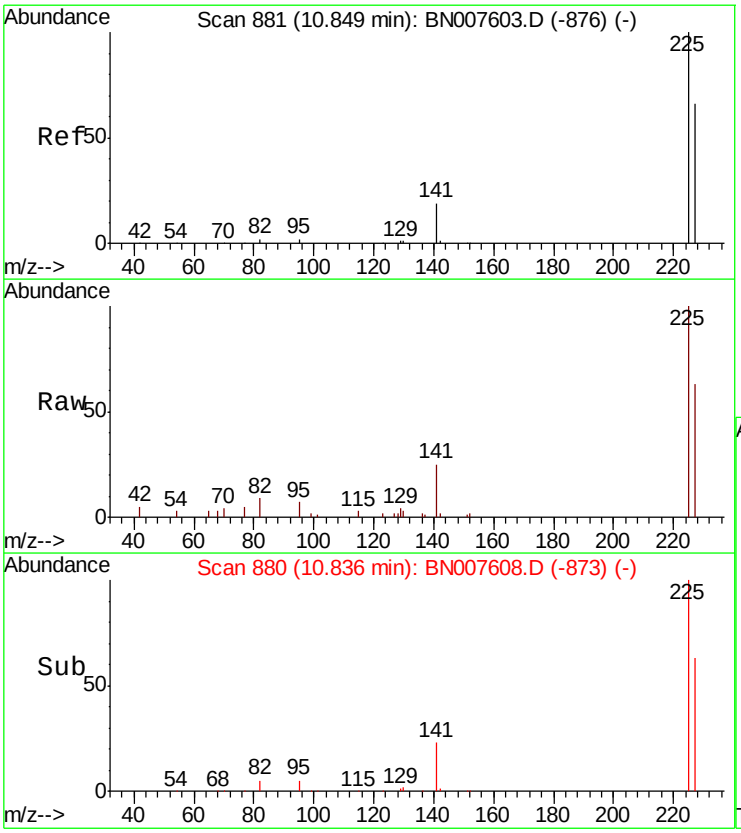

#9
Naphthalene
Concen: 0.426 ng
RT: 10.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:128 Resp: 34995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.3 | 9.0 | 13.4 |
| 127 | 13.7 | 10.4 | 15.6 |

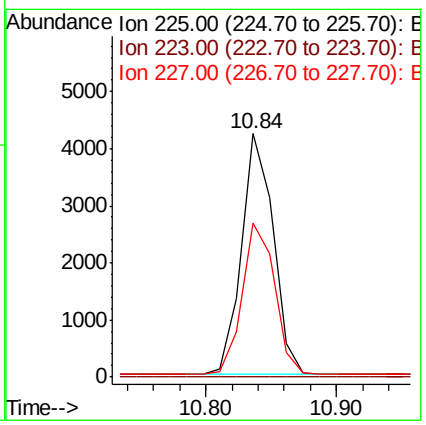


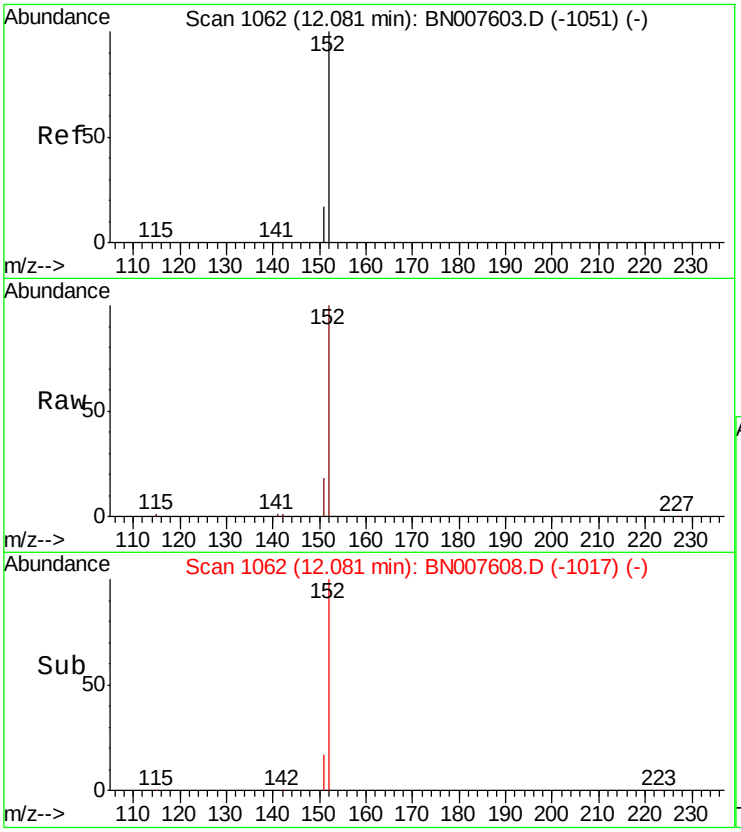




#10
Hexachlorobutadiene
Concen: 0.427 ng
RT: 10.84 min Scan# 880
Delta R.T. -0.01 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:225 Resp: 7074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 64.3 | 51.3 | 76.9 |



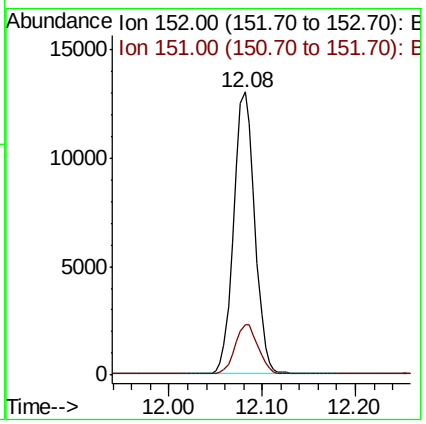


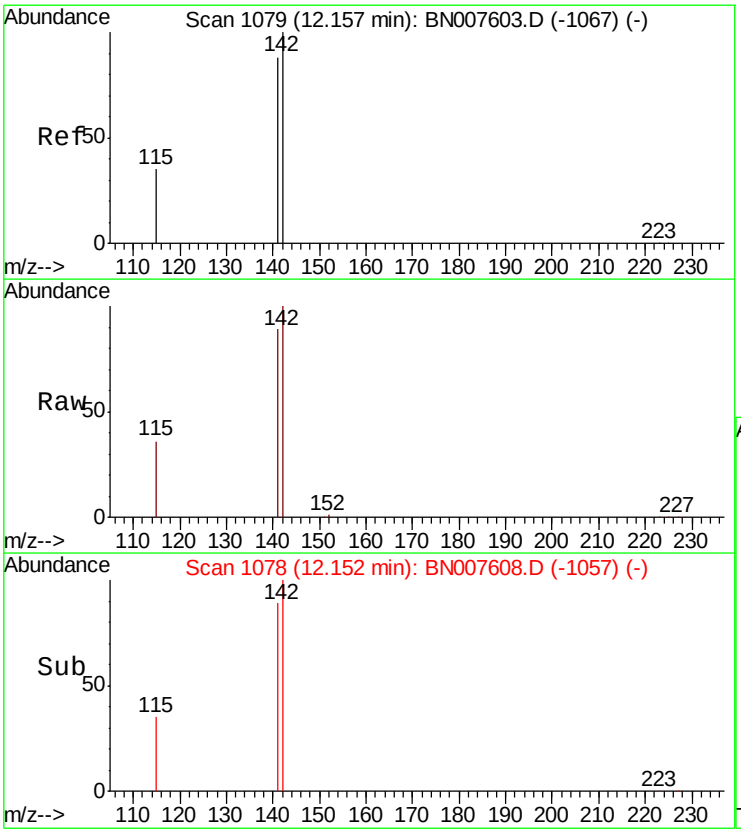

#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.08 min Scan# 1062
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:152 Resp: 20351

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.3 | 22.9 |

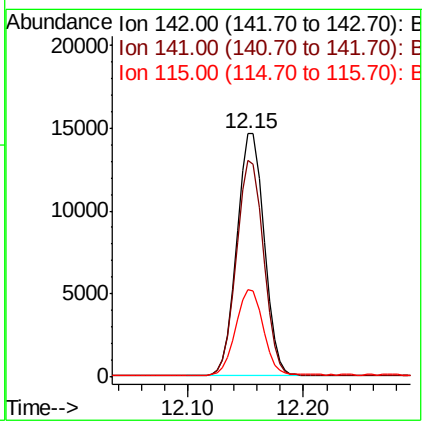


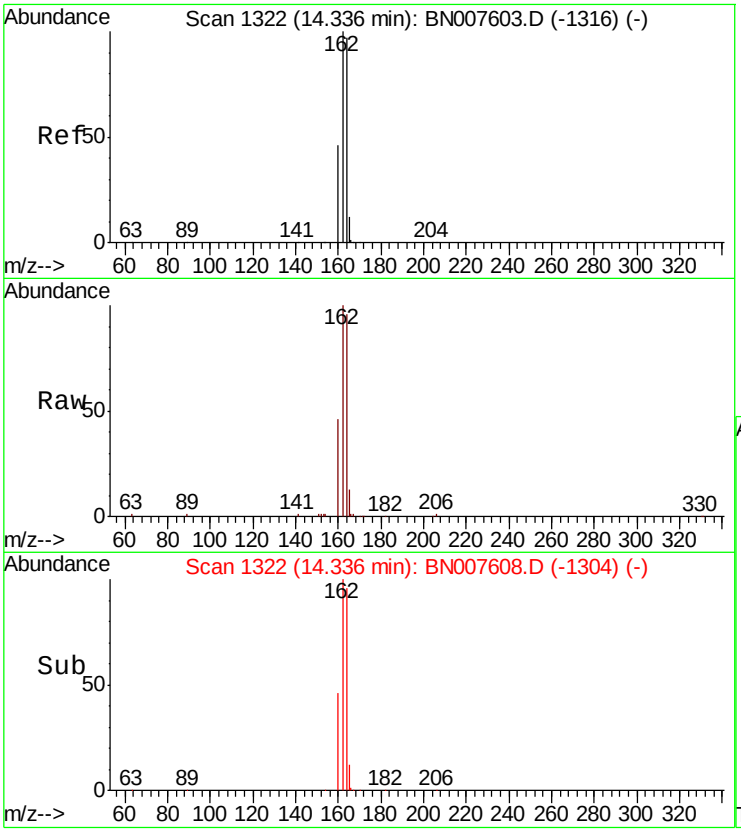




#12
2-Methylnaphthalene
Concen: 0.422 ng
RT: 12.15 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:142 Resp: 23323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.2 | 70.5 | 105.7 |
| 115 | 36.0 | 28.4 | 42.6 |



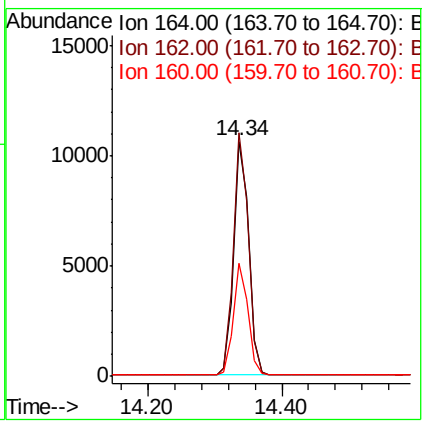


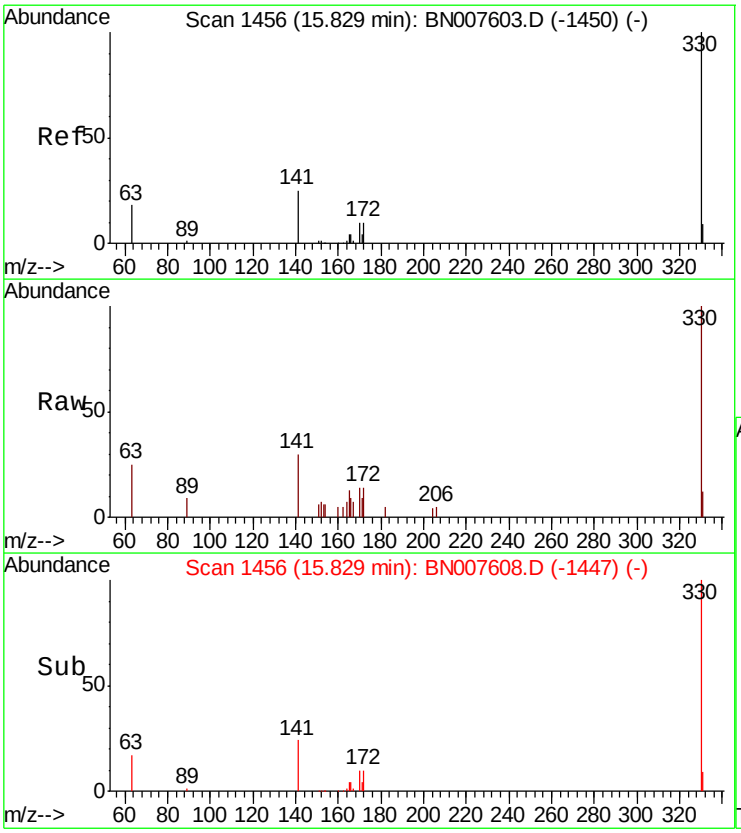

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:164 Resp: 16138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.7 | 82.8 | 124.2 |
| 160 | 48.0 | 38.0 | 57.0 |

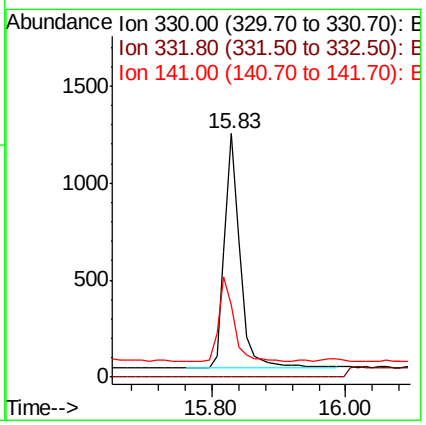


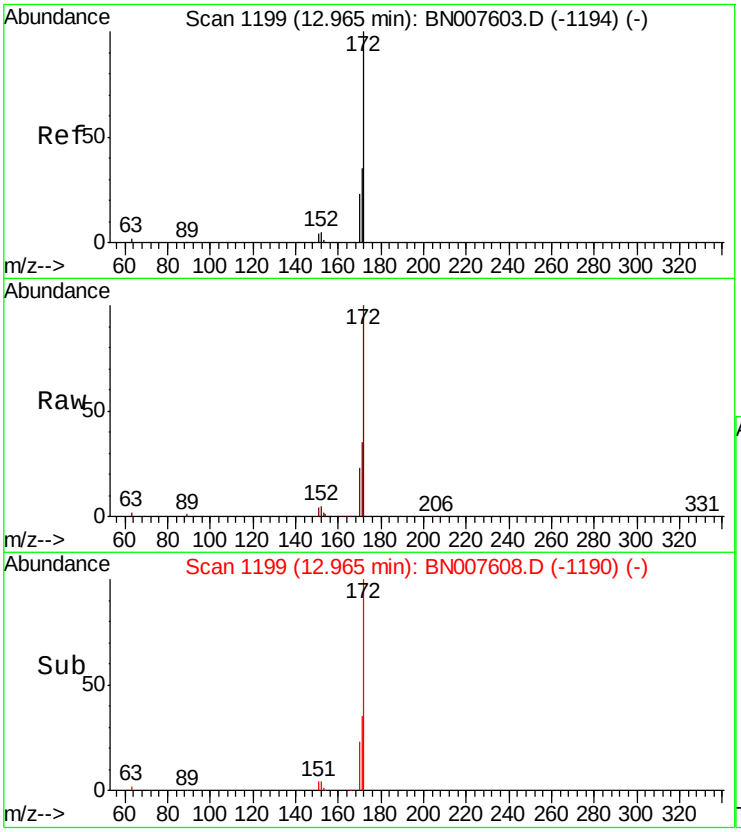




#14
2,4,6-Tribromophenol
Concen: 0.325 ng
RT: 15.83 min Scan# 1456
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:330 Resp: 1982

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 35.7 | 30.1 | 45.1 |



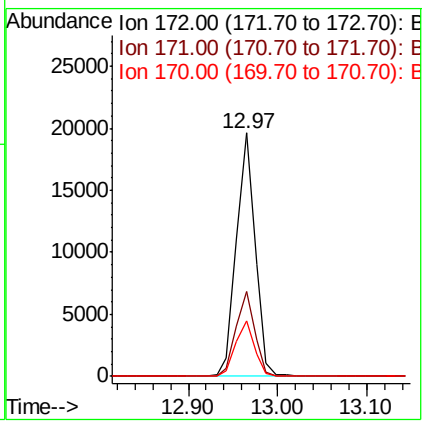


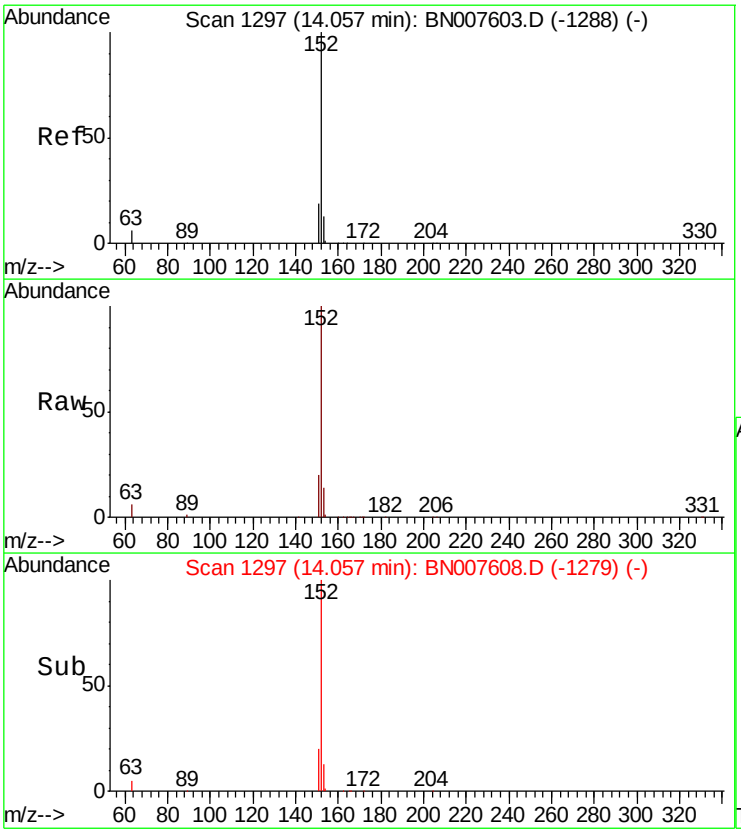

#15
2-Fluorobiphenyl
Concen: 0.402 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:172 Resp: 28301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 27.9 | 41.9 |
| 170 | 22.9 | 18.5 | 27.7 |

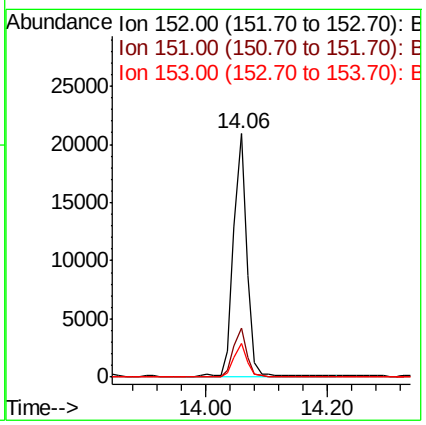


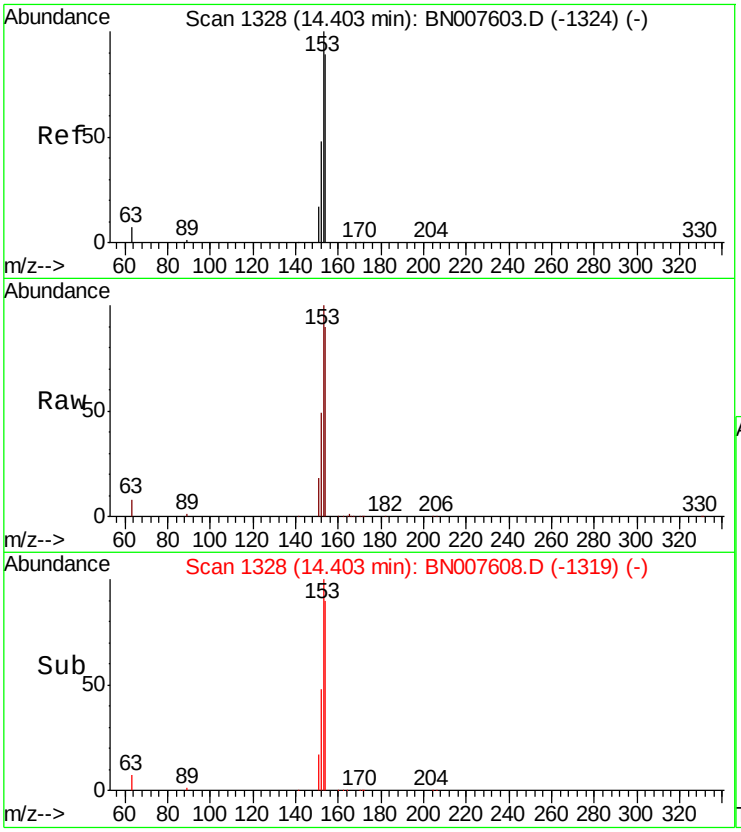




#16
Acenaphthylene
Concen: 0.377 ng
RT: 14.06 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:152 Resp: 31611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.7 | 23.5 |
| 153 | 13.3 | 10.4 | 15.6 |



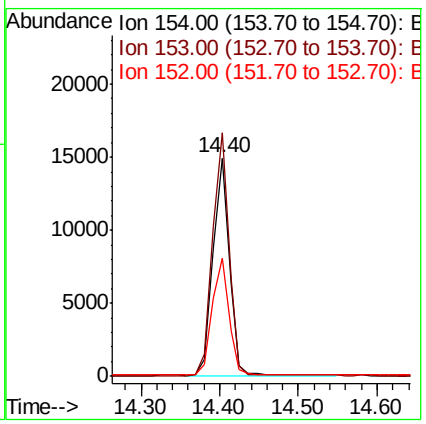


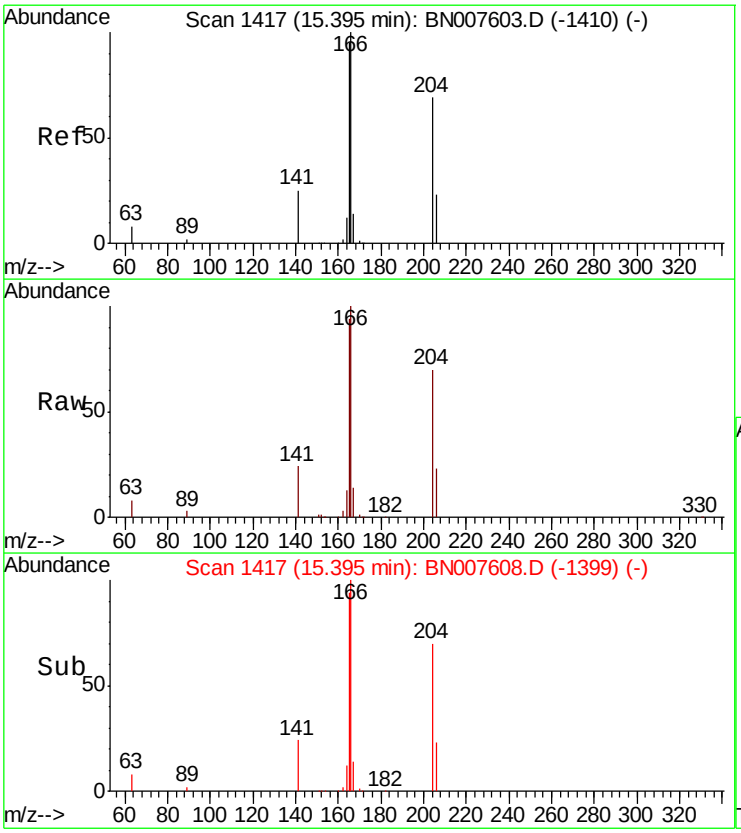

#17
Acenaphthene
Concen: 0.395 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:154 Resp: 21637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 110.9 | 89.8 | 134.8 |
| 152 | 54.9 | 43.8 | 65.8 |

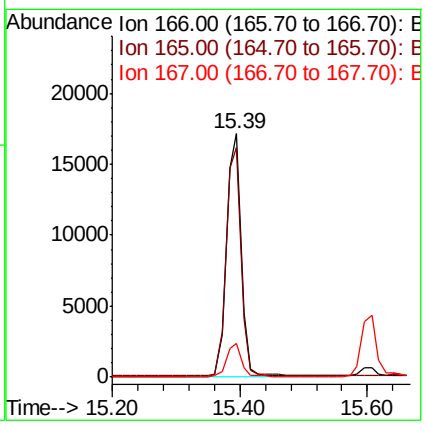


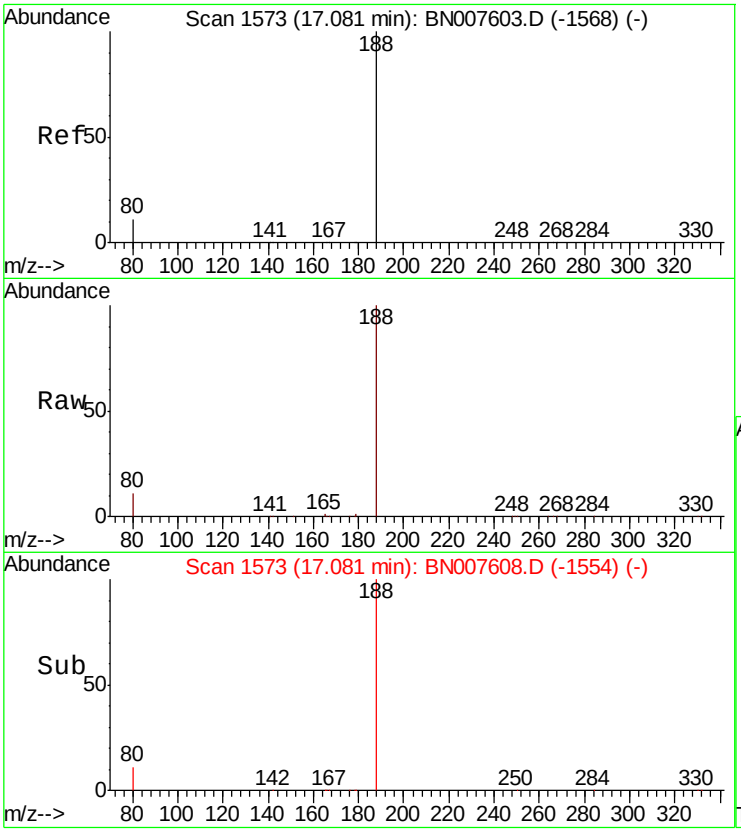




#18
Fluorene
Concen: 0.391 ng
RT: 15.39 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:166 Resp: 27017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.8 | 77.8 | 116.6 |
| 167 | 13.3 | 10.8 | 16.2 |



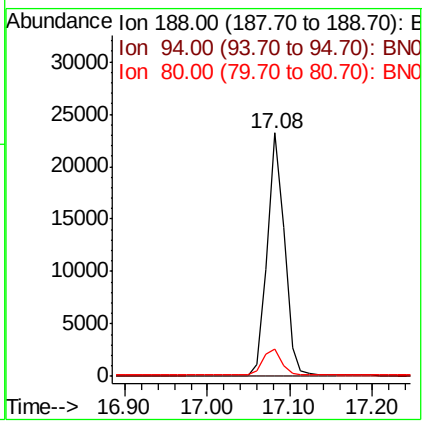


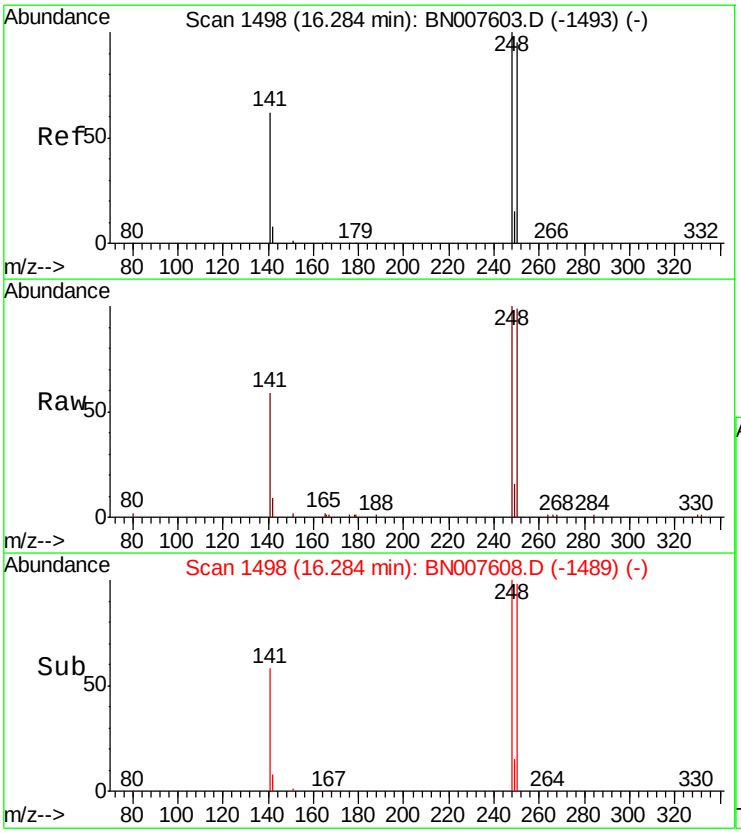

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:188 Resp: 33346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.1 | 8.8 | 13.2 |

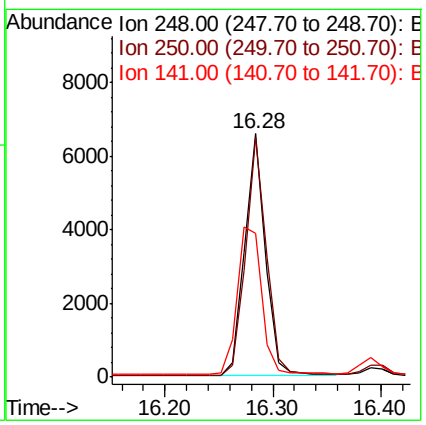


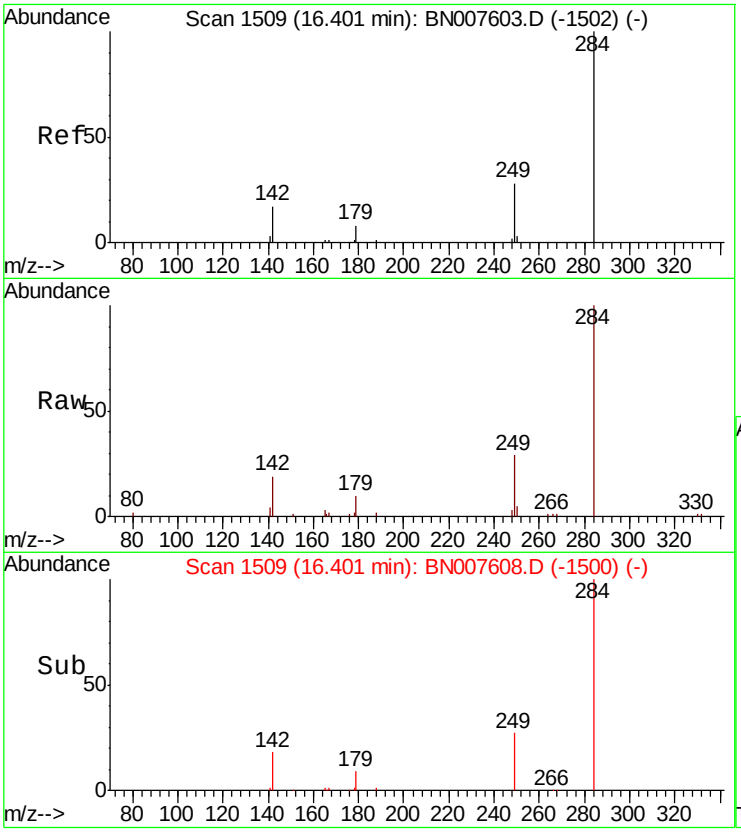




#20
4-Bromophenyl-phenylether
Concen: 0.422 ng
RT: 16.28 min Scan# 1498
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:248 Resp: 8706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 98.6 | 76.3 | 114.5 |
| 141 | 59.1 | 49.7 | 74.5 |



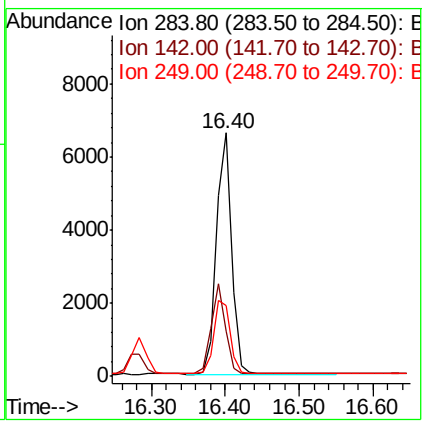


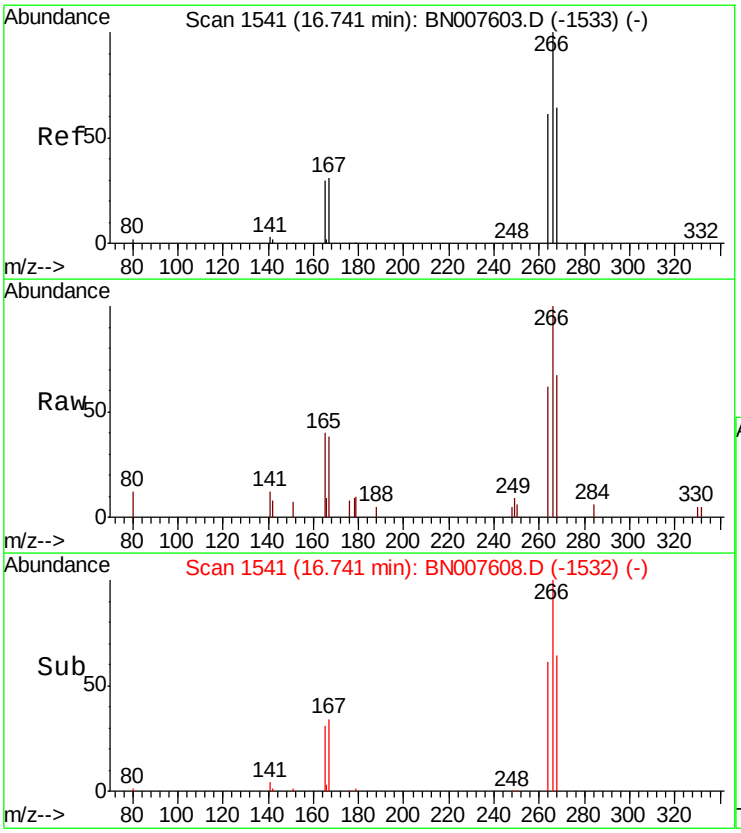

#21
Hexachlorobenzene
Concen: 0.434 ng
RT: 16.40 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:284 Resp: 9569

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.0 | 27.8 | 41.6 |
| 249 | 32.8 | 25.5 | 38.3 |

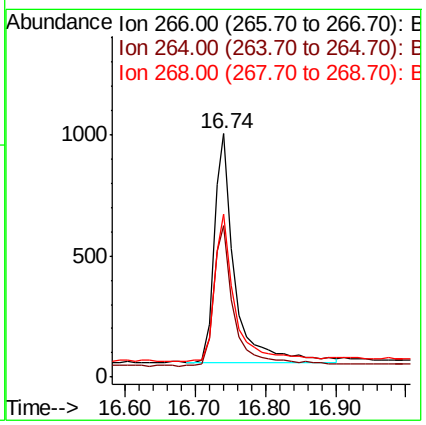


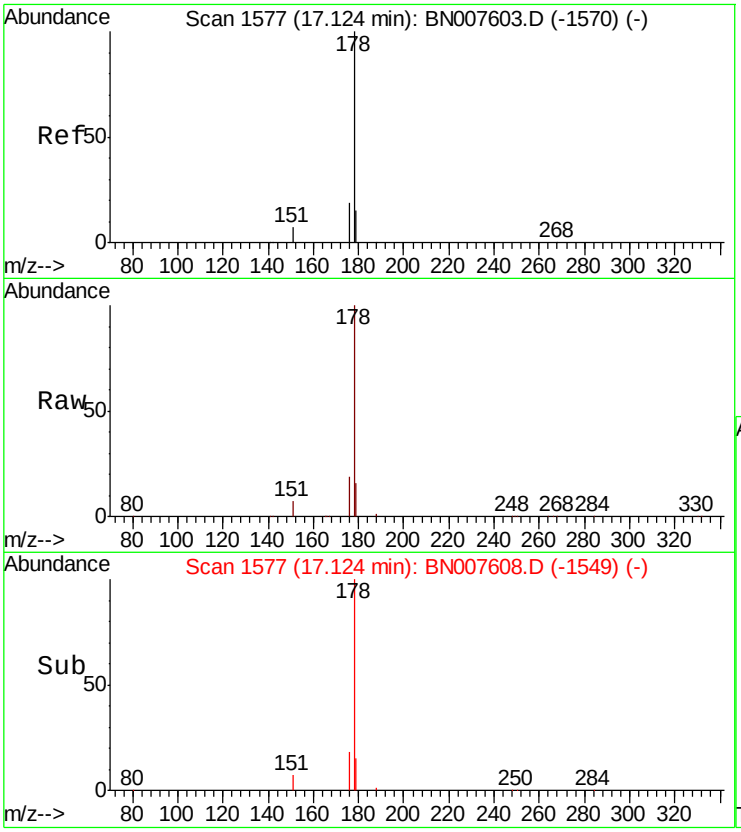




#22
Pentachlorophenol
Concen: 0.338 ng
RT: 16.74 min Scan# 1541
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:266 Resp: 1936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 62.3 | 49.4 | 74.0 |
| 268 | 66.7 | 53.0 | 79.6 |



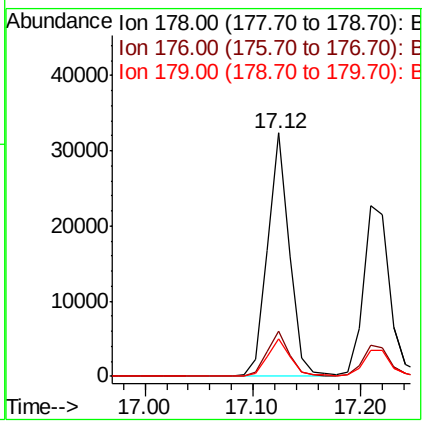


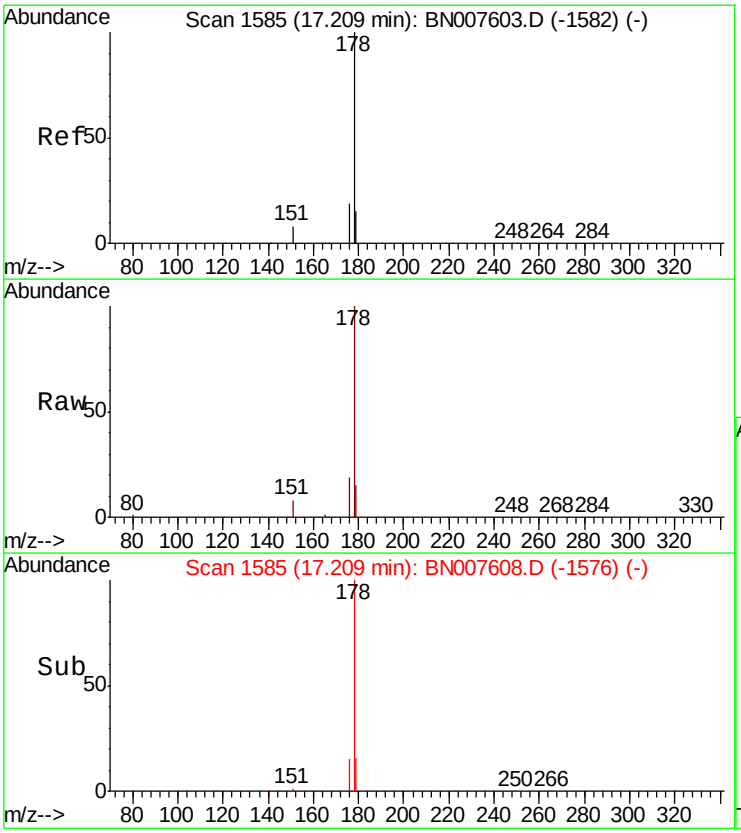

#23
Phenanthrene
Concen: 0.427 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:178 Resp: 44945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.5 | 15.0 | 22.6 |
| 179 | 15.4 | 12.4 | 18.6 |

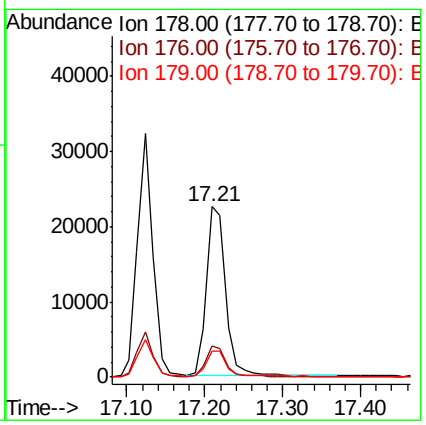


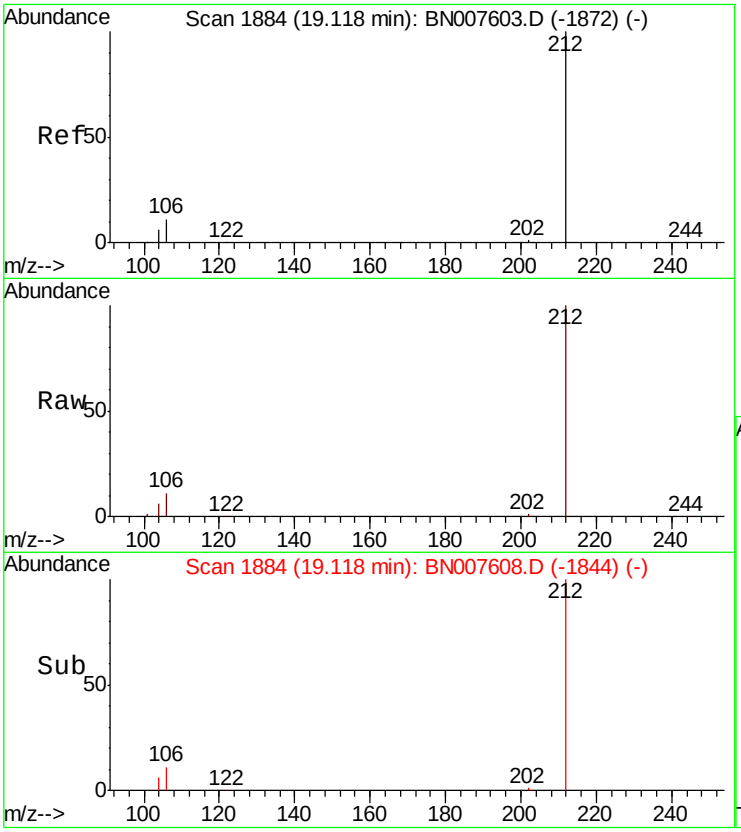




#24
Anthracene
Concen: 0.412 ng
RT: 17.21 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:178 Resp: 38375

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 17.9 | 14.5 | 21.7 |
| 179 | 15.1 | 12.4 | 18.6 |



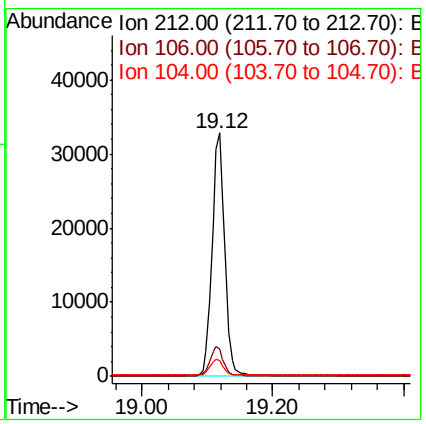


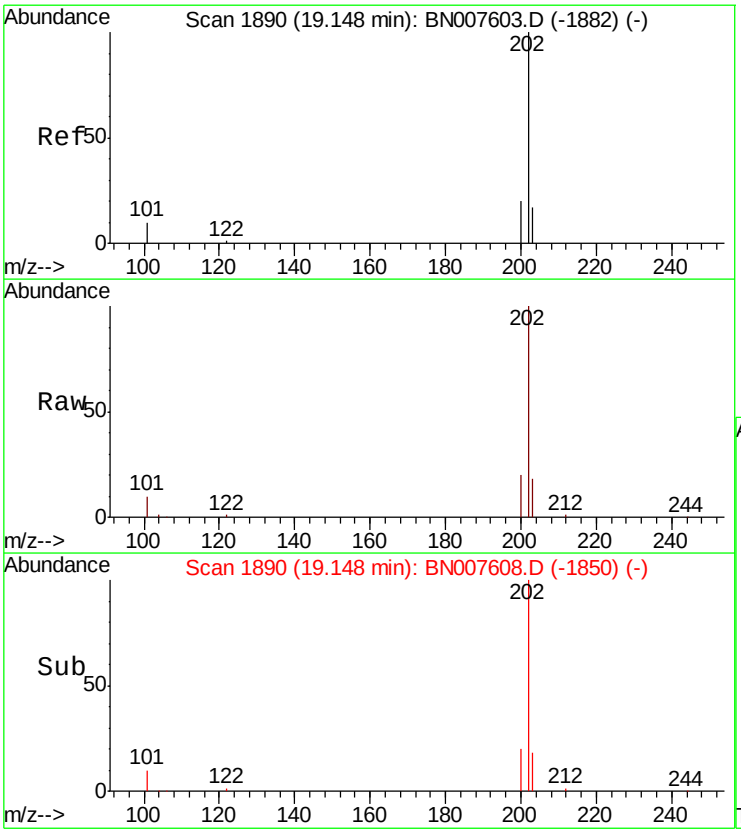

#25
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:212 Resp: 44082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 12.1 | 9.6 | 14.4 |
| 104 | 6.8 | 5.4 | 8.0 |

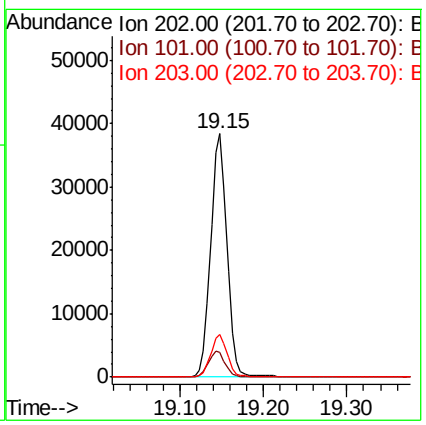


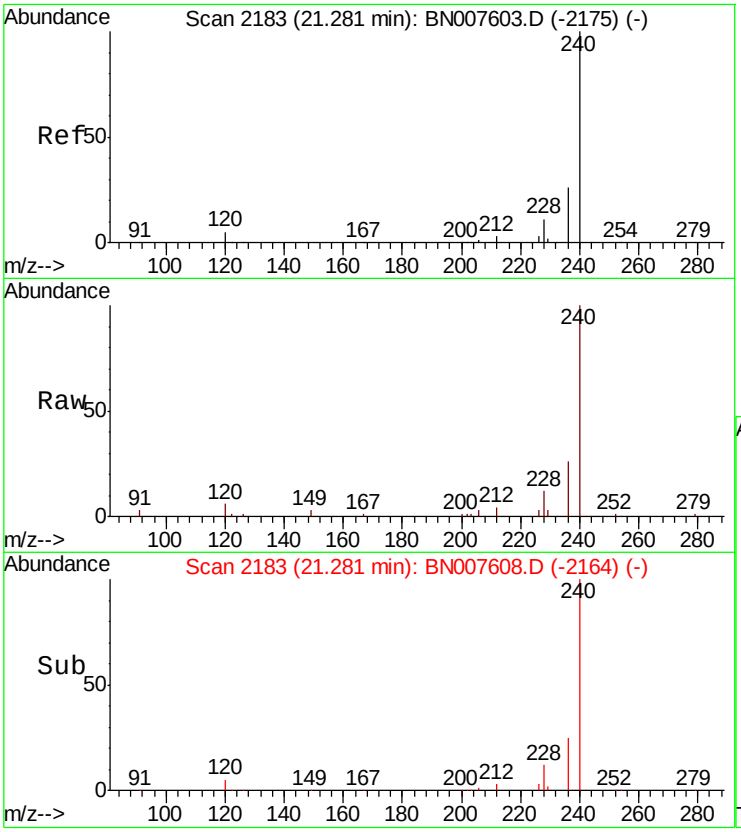




#26
Fluoranthene
Concen: 0.419 ng
RT: 19.15 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:202 Resp: 51543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 8.6 | 13.0 |
| 203 | 17.3 | 13.8 | 20.6 |



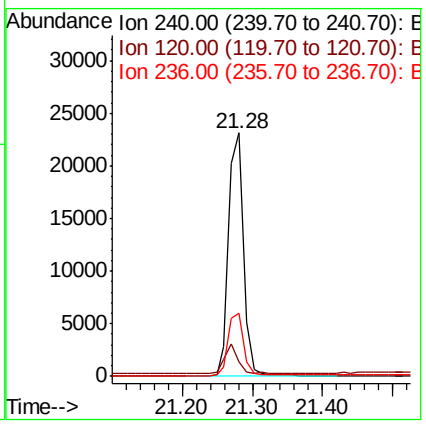


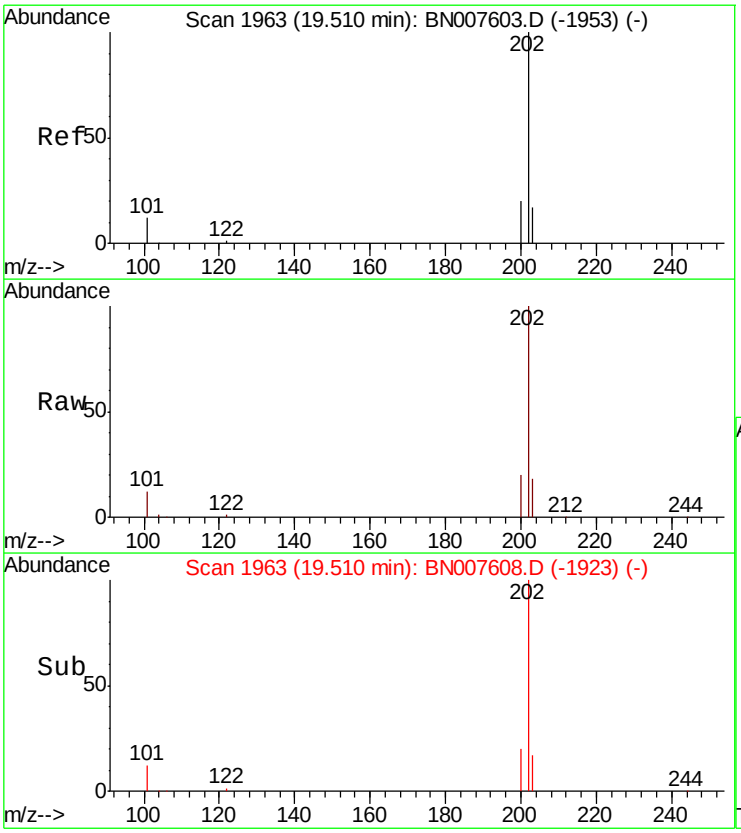

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:240 Resp: 33463

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 5.8 | 4.3 | 6.5 |
| 236 | 25.7 | 20.8 | 31.2 |

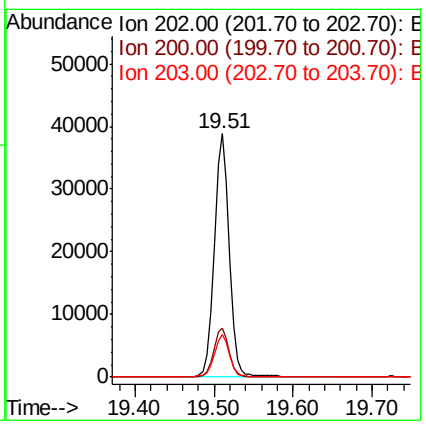


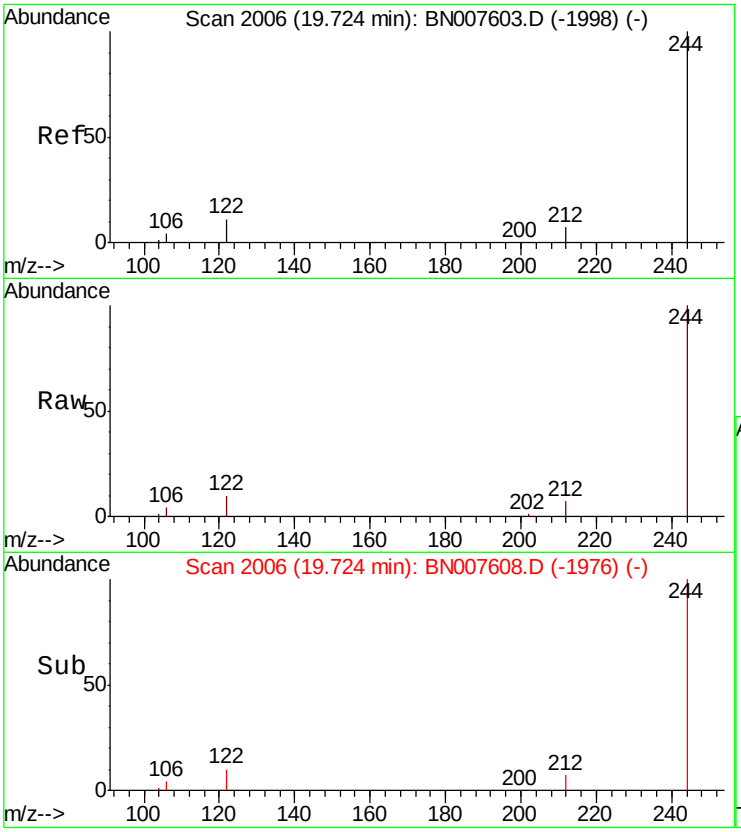




#28
Pyrene
Concen: 0.422 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:202 Resp: 51321

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.4 | 16.4 | 24.6 |
| 203 | 17.5 | 14.0 | 21.0 |



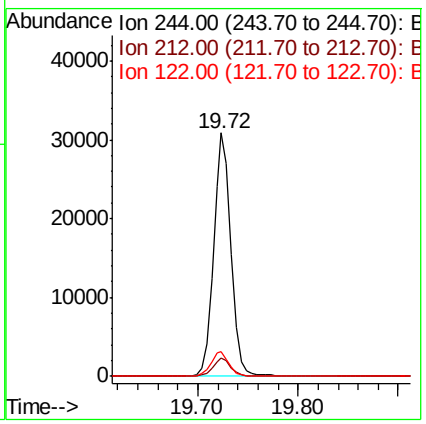


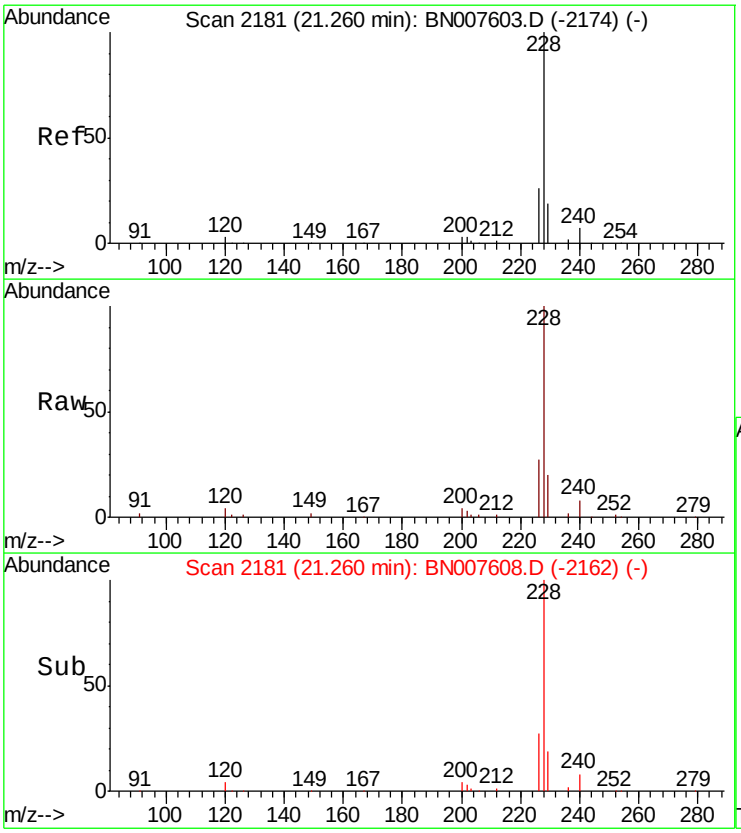

#29
Terphenyl-d14
Concen: 0.421 ng
RT: 19.72 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:244 Resp: 37175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.9 | 8.9 |
| 122 | 10.4 | 8.6 | 12.8 |

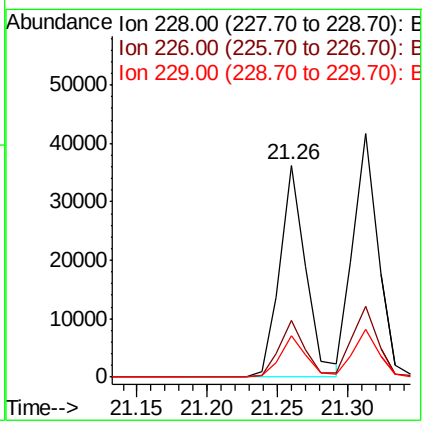


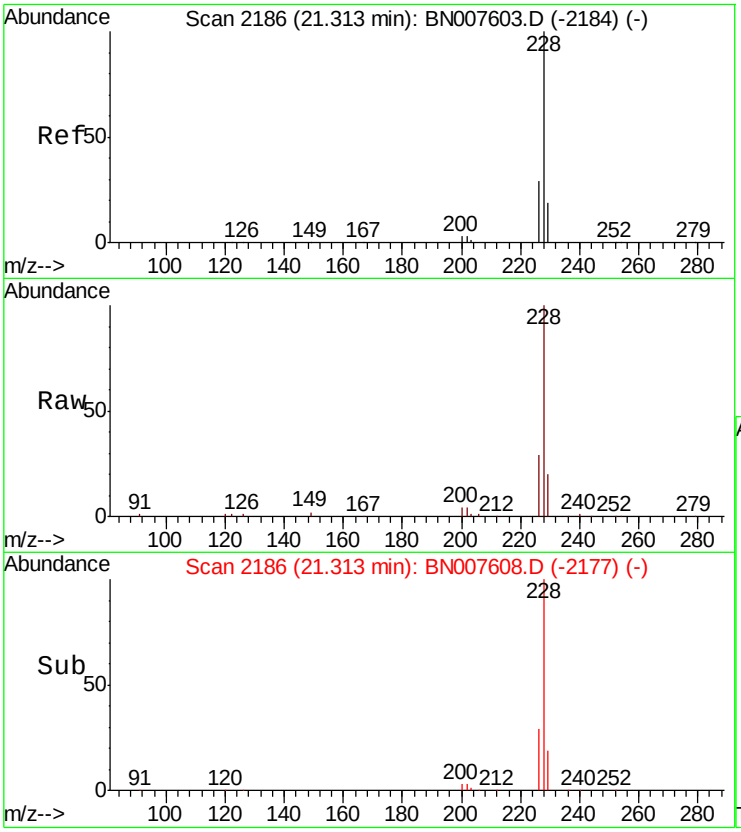




#30
Benzo(a)anthracene
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:228 Resp: 47520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.8 | 21.2 | 31.8 |
| 229 | 19.6 | 15.5 | 23.3 |



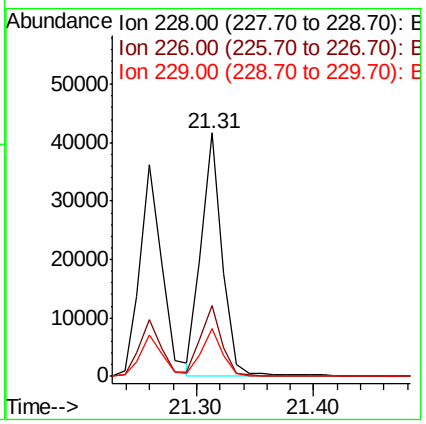


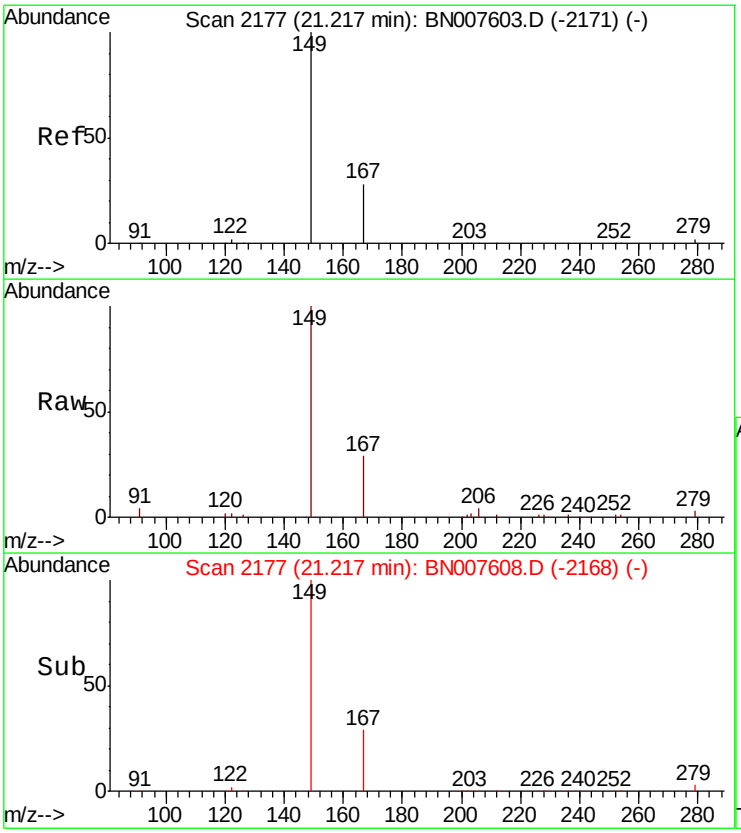

#31
Chrysene
Concen: 0.418 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:228 Resp: 51615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.3 | 23.4 | 35.2 |
| 229 | 19.5 | 15.5 | 23.3 |

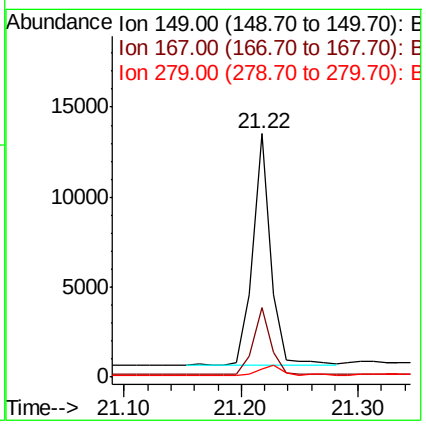


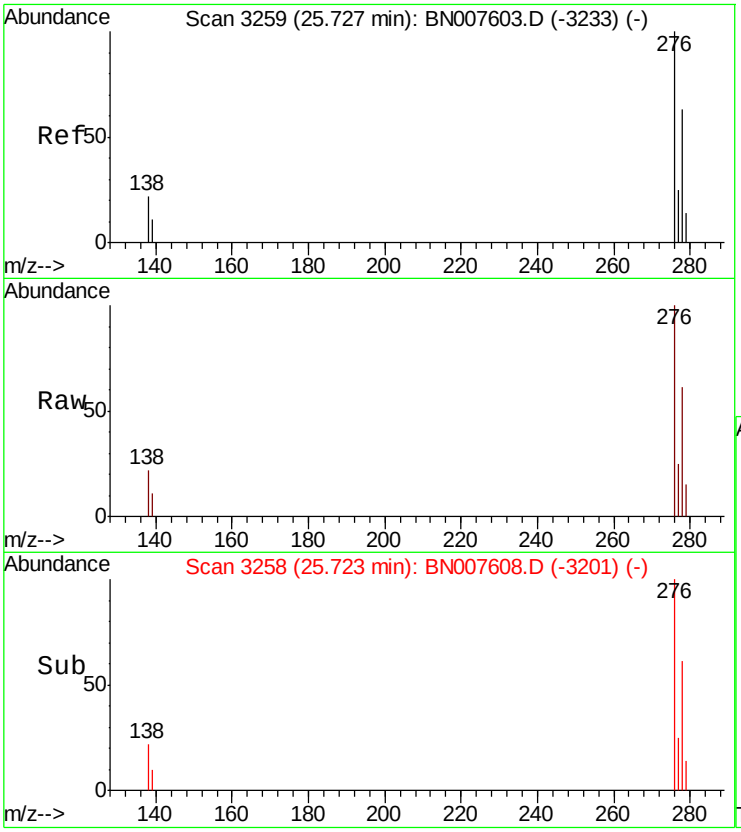




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.343 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:149 Resp: 13793

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.3 | 22.6 | 34.0 |
| 279 | 5.0 | 3.8 | 5.6 |



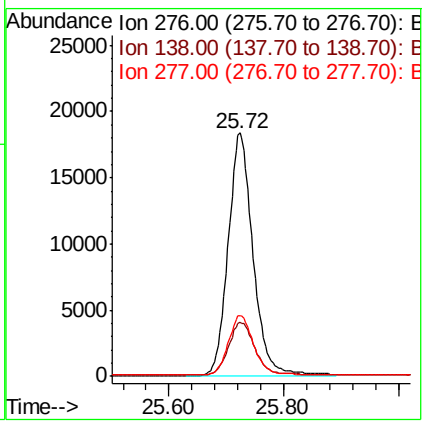


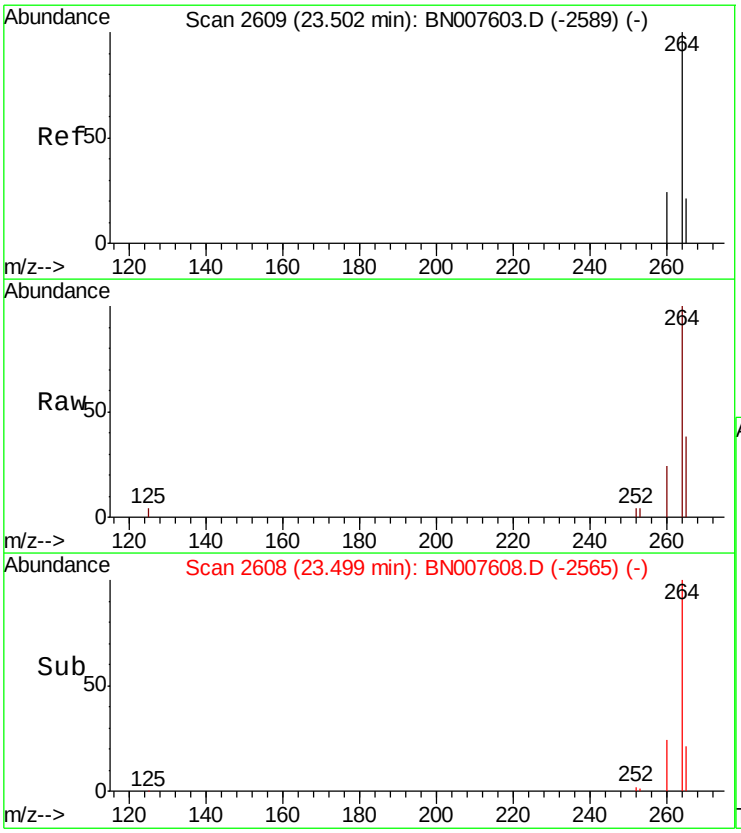

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng
RT: 25.72 min Scan# 3258
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:276 Resp: 55140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 23.0 | 18.2 | 27.4 |
| 277 | 25.2 | 20.1 | 30.1 |

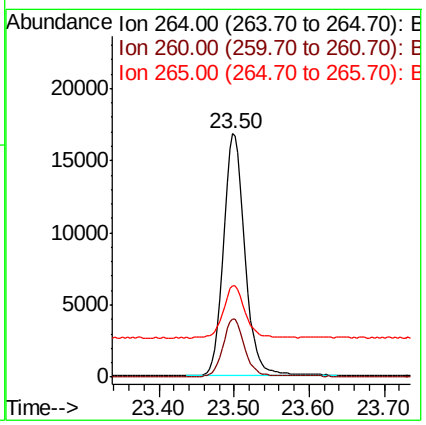


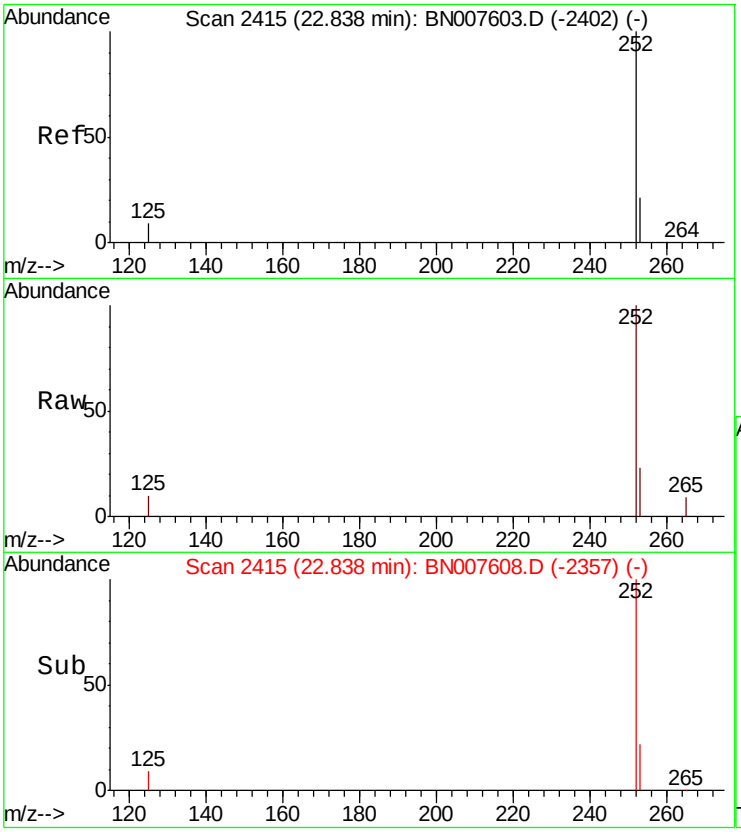




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2608
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:264 Resp: 33251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.1 | 28.7 |
| 265 | 37.5 | 24.6 | 37.0# |



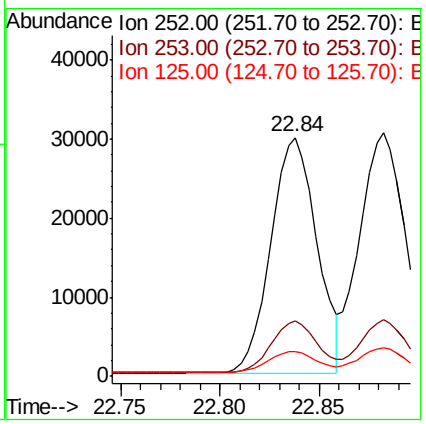


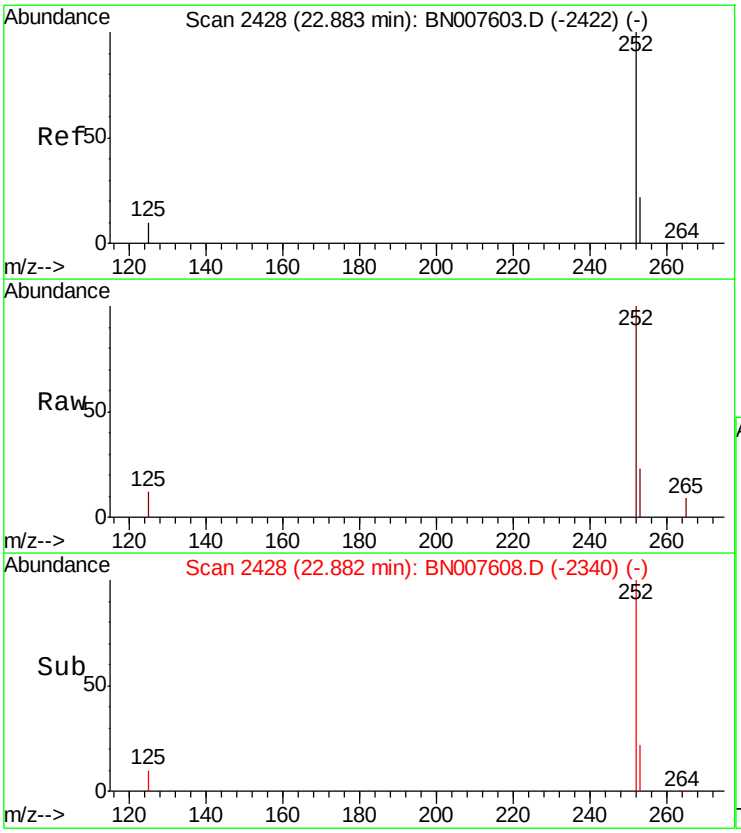

#35
Benzo(b)fluoranthene
Concen: 0.400 ng
RT: 22.84 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:252 Resp: 48269

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 17.8 | 26.8 |
| 125 | 10.4 | 8.0 | 12.0 |

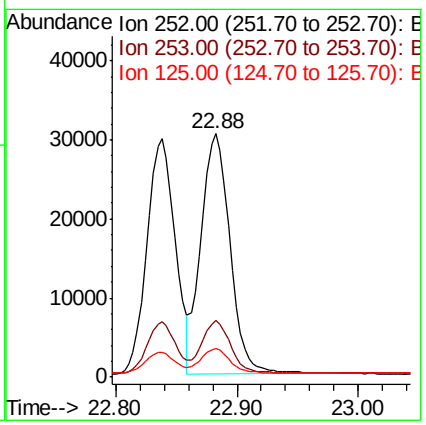


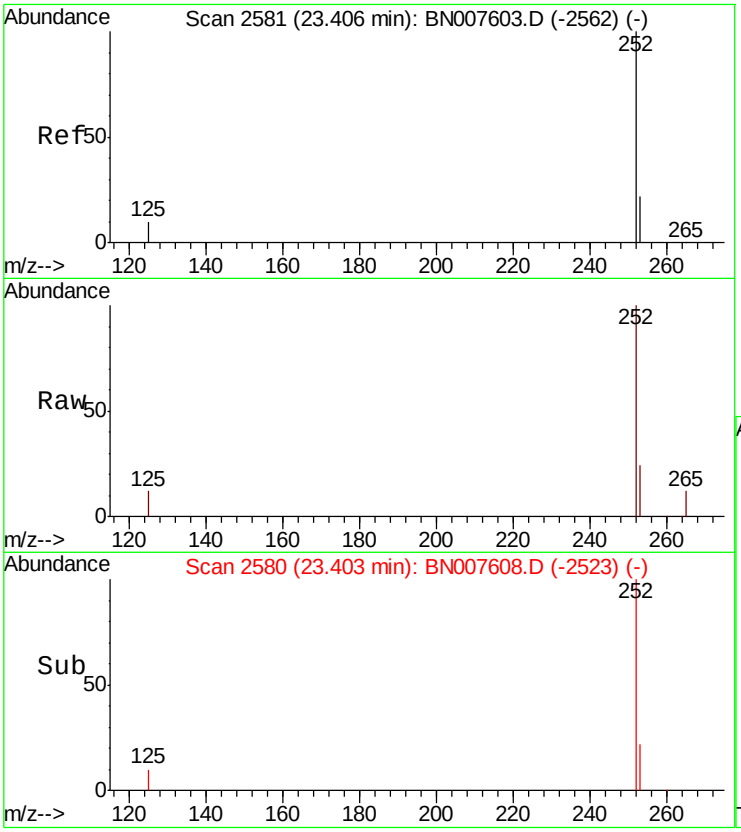




#36
Benzo(k)fluoranthene
Concen: 0.410 ng
RT: 22.88 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:252 Resp: 50671

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.2 | 18.3 | 27.5 |
| 125 | 11.9 | 8.9 | 13.3 |



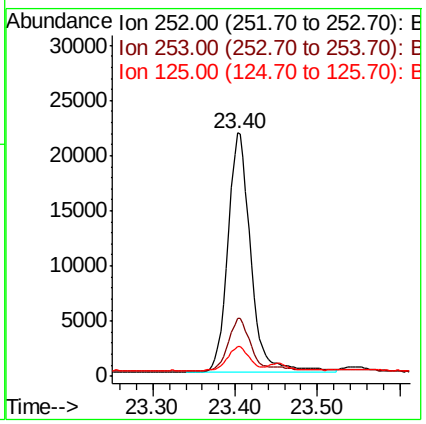


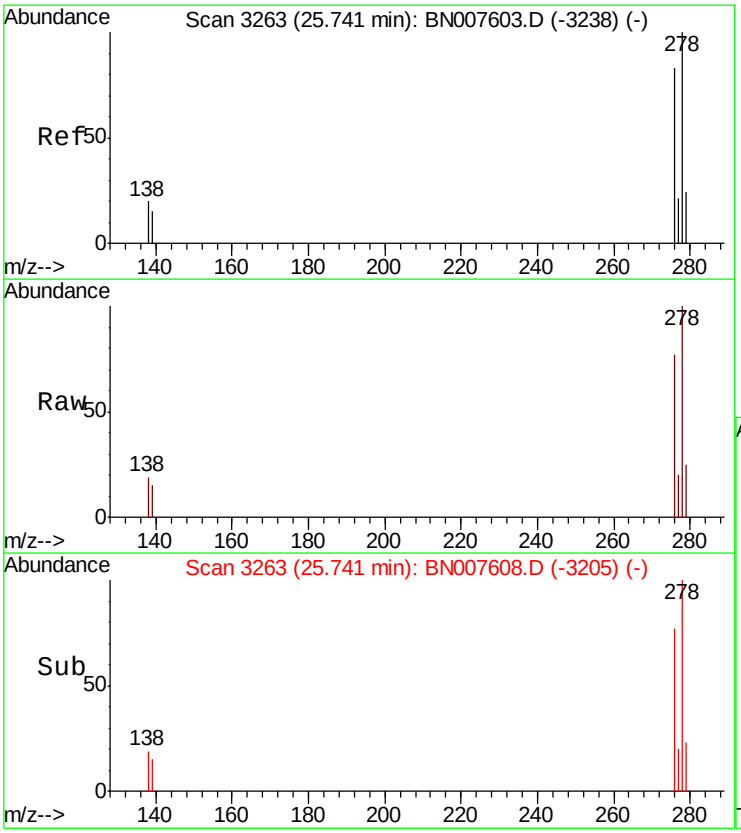

#37
Benzo(a)pyrene
Concen: 0.393 ng
RT: 23.40 min Scan# 2580
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:252 Resp: 42094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.6 | 18.3 | 27.5 |
| 125 | 12.2 | 8.9 | 13.3 |

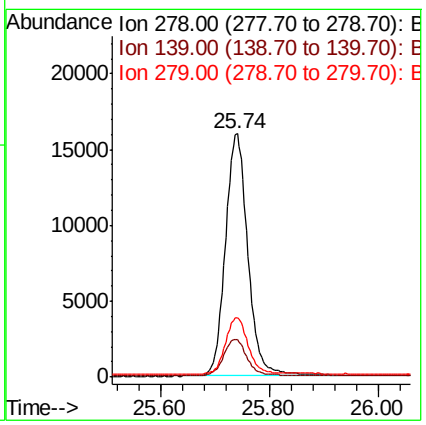


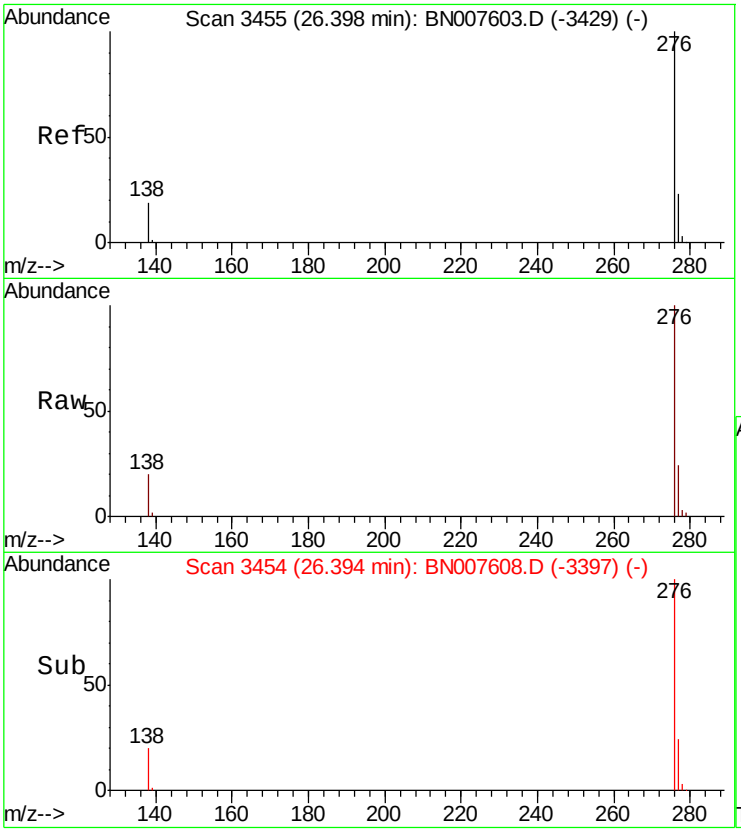




#38
Dibenzo(a,h)anthracene
Concen: 0.409 ng
RT: 25.74 min Scan# 3263
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

Tgt Ion:278 Resp: 45889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 15.3 | 12.6 | 18.8 |
| 279 | 24.6 | 19.6 | 29.4 |






#39
Benzo(g,h,i)perylene
Concen: 0.405 ng
RT: 26.39 min Scan# 3454
Delta R.T. -0.00 min
Lab File: BN007608.D
Acq: 12 Sep 2019 14:40

**Instrument :**
BNA_N
**ClientSampleId :**
ICVBN091219

Tgt Ion:276 Resp: 44951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 19.1 | 28.7 |
| 138 | 20.4 | 15.8 | 23.6 |