Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
Data File : BN008728.D
Acq On : 23 Nov 2019 14:38
Operator : JU
Sample : PB125047BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 25 11:46:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:49:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 5161 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.35 | 136 | 18211 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.21 | 164 | 10358 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.95 | 188 | 24186 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.16 | 240 | 23010 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.32 | 264 | 22970 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.23 | 112 | 3752 | 0.28 | ng | | 0.00 |
| 5) Phenol-d6 | 6.78 | 99 | 3658 | 0.21 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.72 | 82 | 6439 | 0.39 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.94 | 152 | 12995 | 0.45 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.71 | 330 | 1977 | 0.41 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.83 | 172 | 17782 | 0.44 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 18.99 | 212 | 28653 | 0.40 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.60 | 244 | 26273 | 0.47 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 2029 | 0.372 | ng | # | 92 |
| 3) n-Nitrosodimethylamine | 3.53 | 42 | 1767 | 0.261 | ng | # | 98 |
| 6) bis(2-Chloroethyl)ether | 7.03 | 93 | 5962 | 0.372 | ng | | 98 |
| 9) Naphthalene | 10.41 | 128 | 17881 | 0.368 | ng | | 100 |
| 10) Hexachlorobutadiene | 10.71 | 225 | 2690 | 0.267 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.02 | 142 | 12216 | 0.361 | ng | | 99 |
| 16) Acenaphthylene | 13.93 | 152 | 17949 | 0.377 | ng | | 99 |
| 17) Acenaphthene | 14.28 | 154 | 11310 | 0.360 | ng | | 100 |
| 18) Fluorene | 15.27 | 166 | 15615 | 0.389 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.17 | 248 | 6186 | 0.410 | ng | | 94 |
| 21) Hexachlorobenzene | 16.27 | 284 | 5533 | 0.333 | ng | | 99 |
| 22) Pentachlorophenol | 16.62 | 266 | 1353 | 0.227 | ng | | 98 |
| 23) Phenanthrene | 17.00 | 178 | 28590 | 0.383 | ng | | 99 |
| 24) Anthracene | 17.09 | 178 | 24336 | 0.365 | ng | | 100 |
| 26) Fluoranthene | 19.02 | 202 | 33307 | 0.380 | ng | | 100 |
| 28) Pyrene | 19.39 | 202 | 34371 | 0.405 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.14 | 228 | 30652 | 0.364 | ng | | 98 |
| 31) Chrysene | 21.20 | 228 | 31634 | 0.388 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 18838 | 0.345 | ng | | 98 |
| 33) Indeno(1,2,3-cd)pyrene | 25.45 | 276 | 36555 | 0.402 | ng | | 100 |
| 35) Benzo(b)fluoranthene | 22.68 | 252 | 30909 | 0.389 | ng | | 98 |
| 36) Benzo(k)fluoranthene | 22.72 | 252 | 31576 | 0.392 | ng | | 97 |
| 37) Benzo(a)pyrene | 23.22 | 252 | 27700 | 0.377 | ng | | 98 |
| 38) Dibenzo(a,h)anthracene | 25.46 | 278 | 30160 | 0.416 | ng | | 99 |
| 39) Benzo(g,h,i)perylene | 26.09 | 276 | 30965 | 0.428 | ng | | 98 |

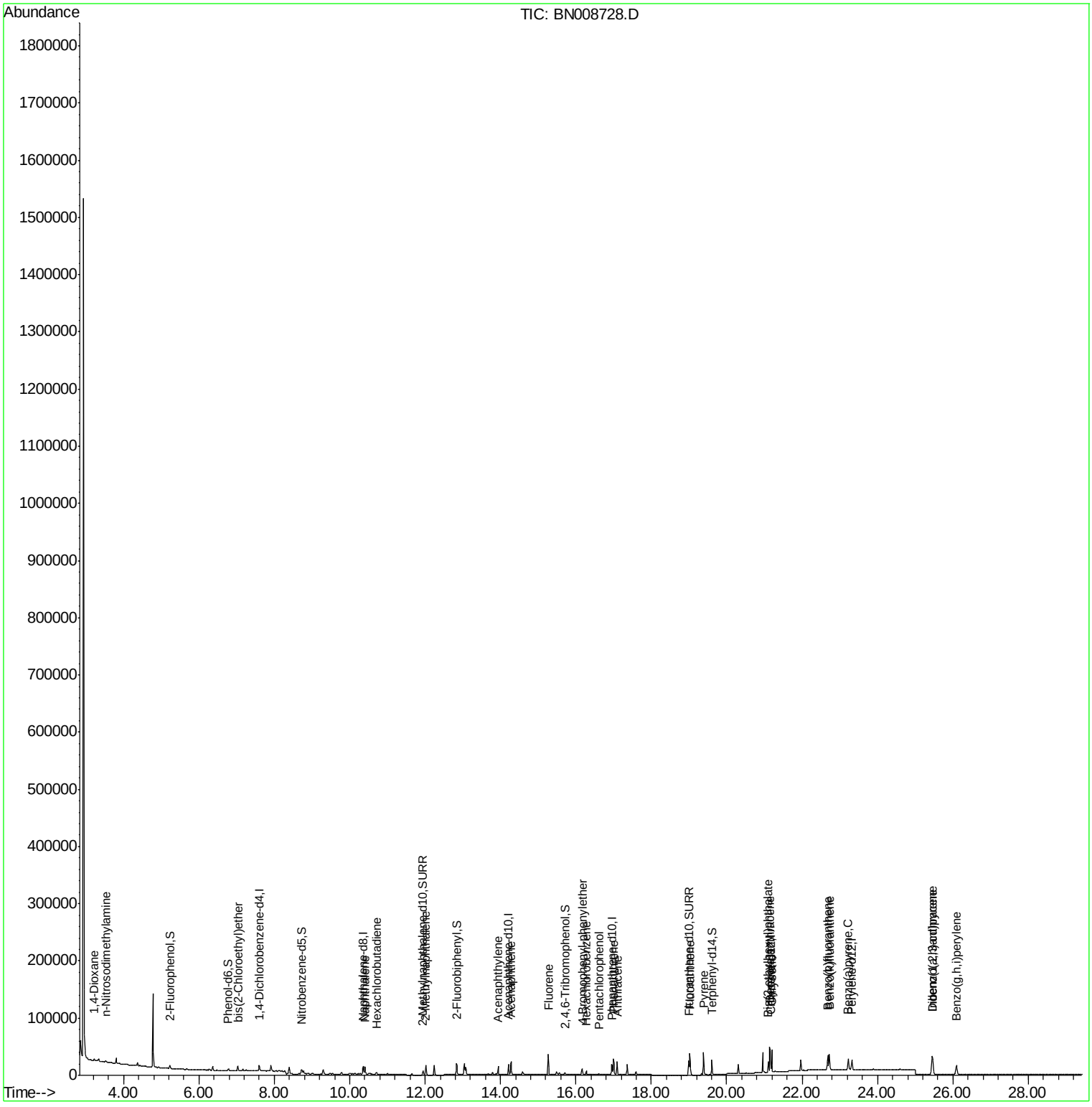
(#) = qualifier out of range (m) = manual integration (+) = signals summed

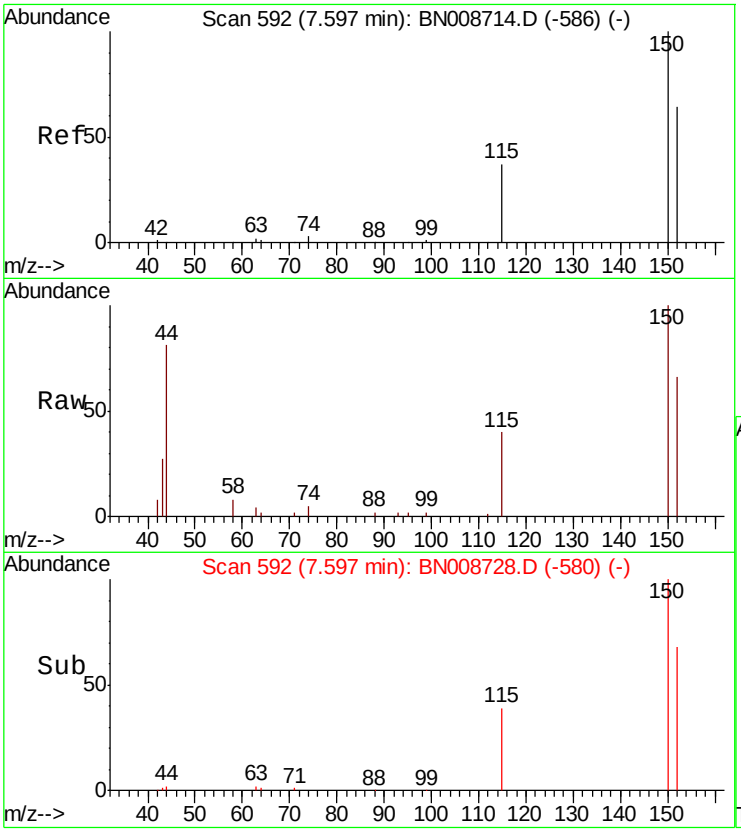
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112319\
Data File : BN008728.D
Acq On : 23 Nov 2019 14:38
Operator : JU
Sample : PB125047BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 25 11:46:24 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 25 10:49:40 2019
Response via : Initial Calibration



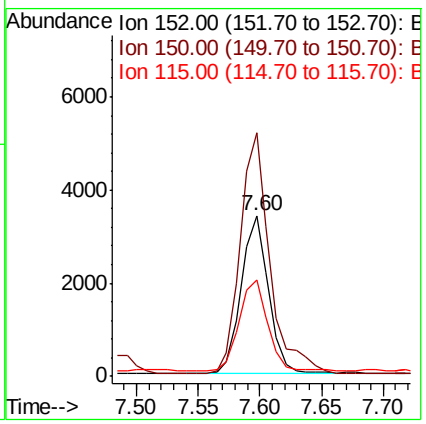


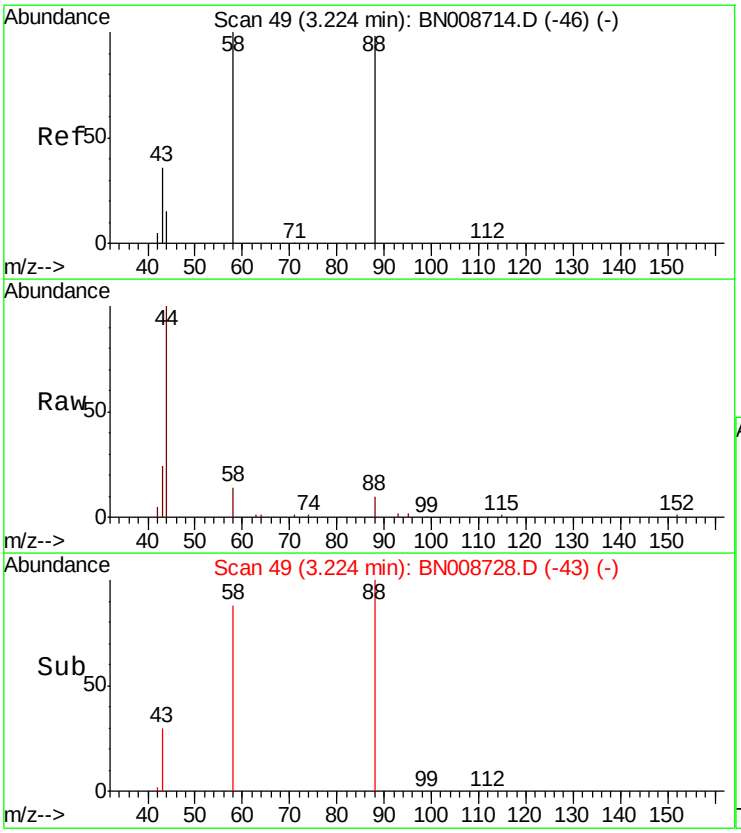

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.60 min Scan# 592
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:152 Resp: 5161

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.4 | 124.0 | 186.0 |
| 115 | 60.0 | 49.8 | 74.8 |

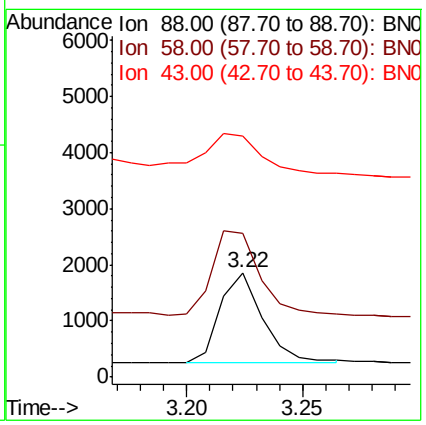


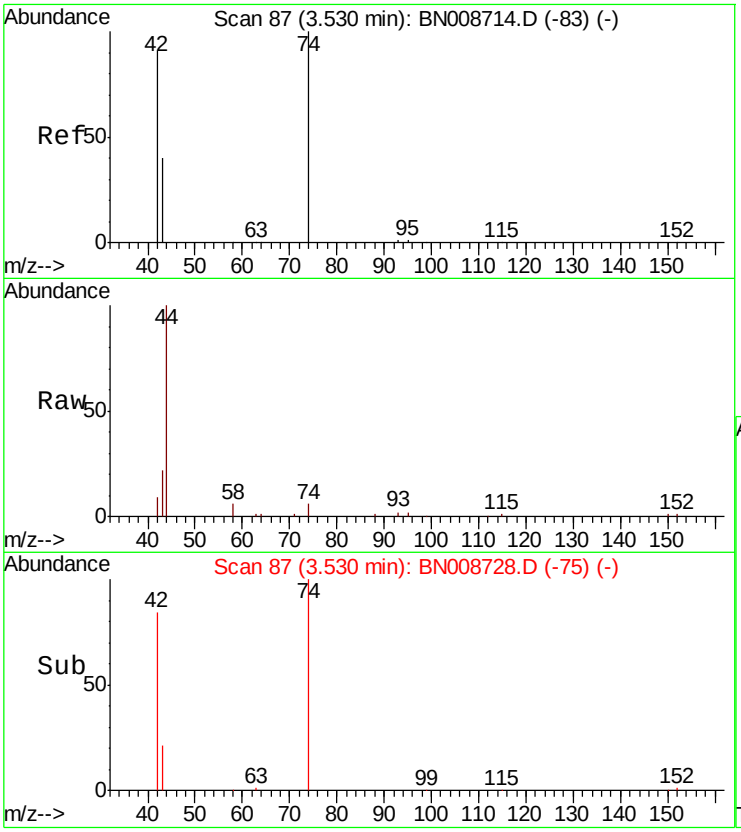




#2
1,4-Dioxane
Concen: 0.372 ng
RT: 3.22 min Scan# 49
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion: 88 Resp: 2029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 103.8 | 85.7 | 128.5 |
| 43 | 50.5 | 29.5 | 44.3# |



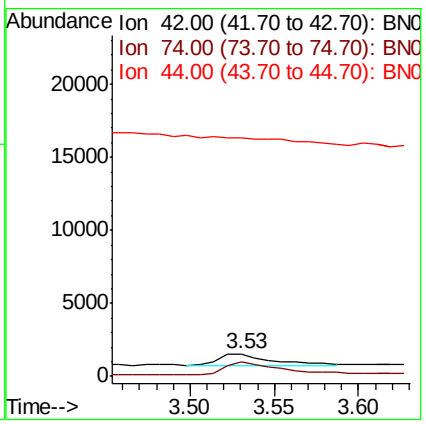


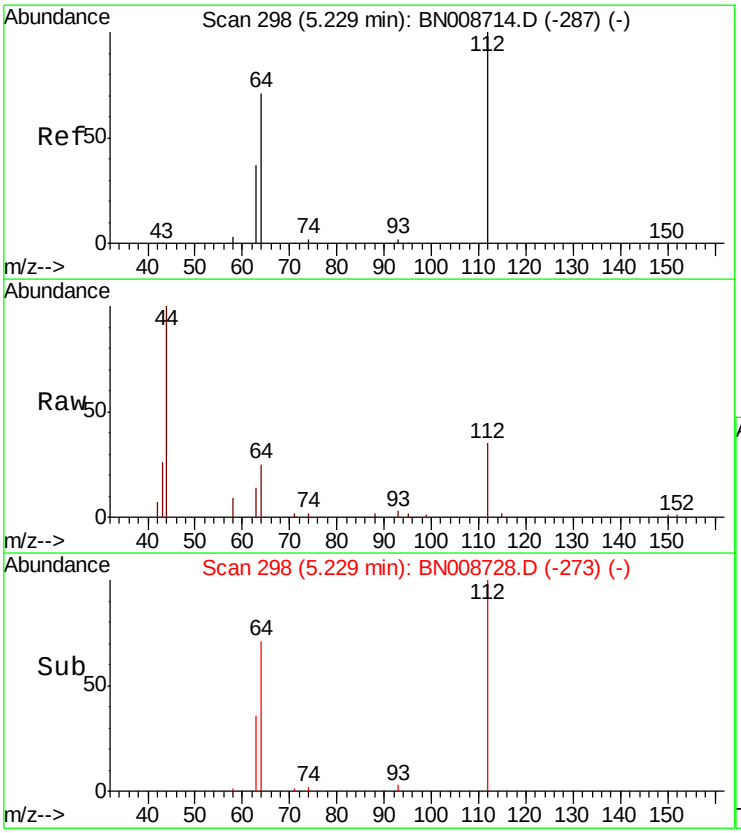

#3
n-Nitrosodimethylamine
Concen: 0.261 ng
RT: 3.53 min Scan# 87
Delta R.T. 0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion: 42 Resp: 1767

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 111.6 | 88.0 | 132.0 |
| 44 | 0.0 | 0.0 | 0.0 |

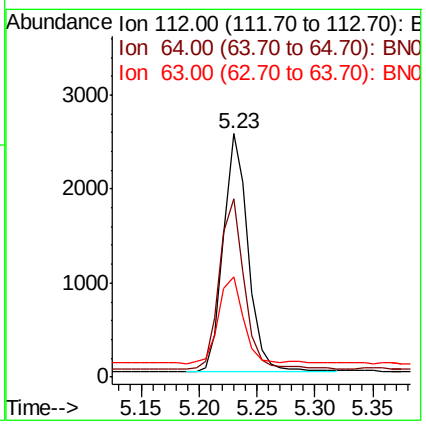


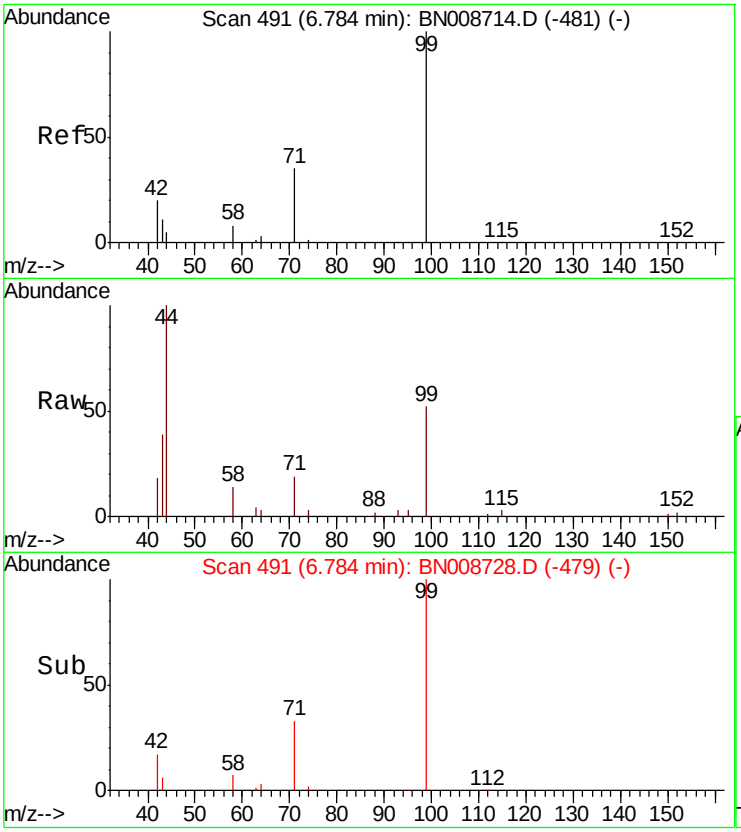




#4
2-Fluorophenol
Concen: 0.278 ng
RT: 5.23 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:112 Resp: 3752

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 72.1 | 57.1 | 85.7 |
| 63 | 36.2 | 29.7 | 44.5 |



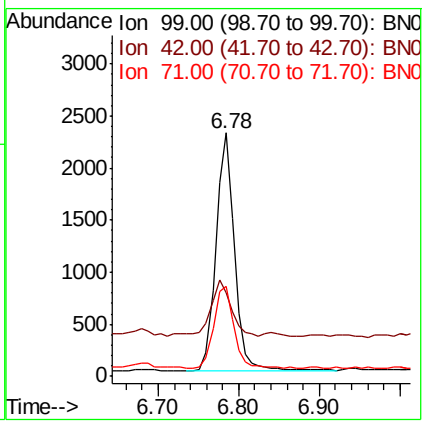


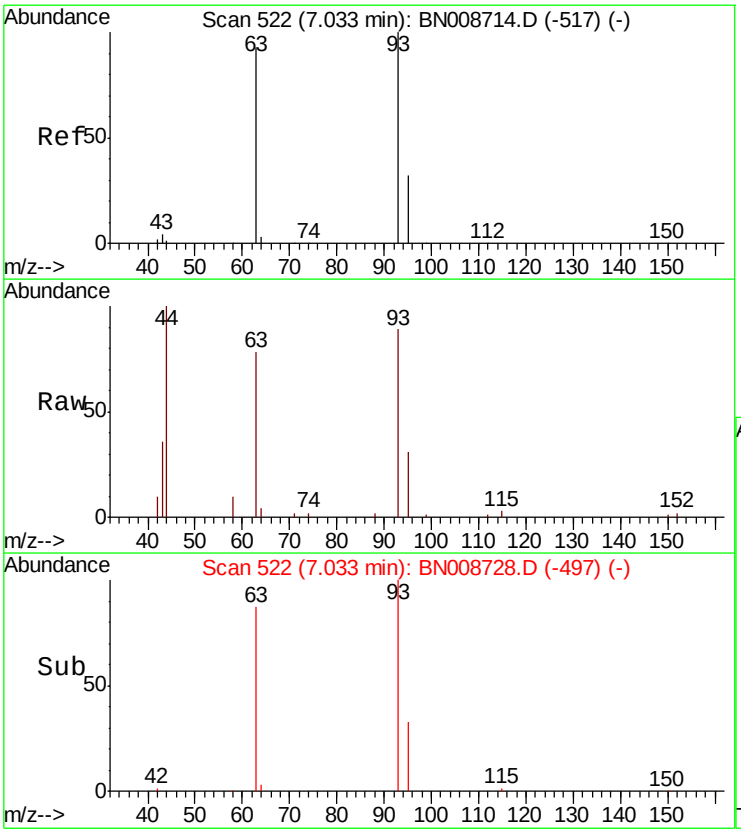

#5
Phenol-d6
Concen: 0.214 ng
RT: 6.78 min Scan# 491
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion: 99 Resp: 3658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.3 | 19.4 | 29.2 |
| 71 | 36.7 | 27.5 | 41.3 |

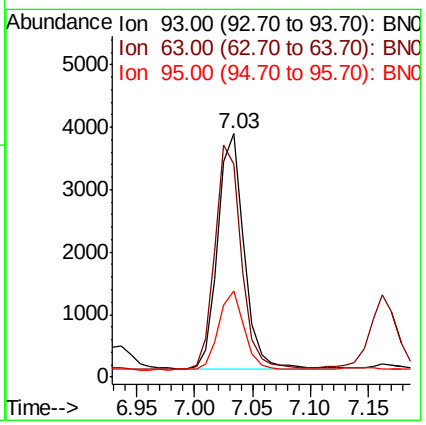


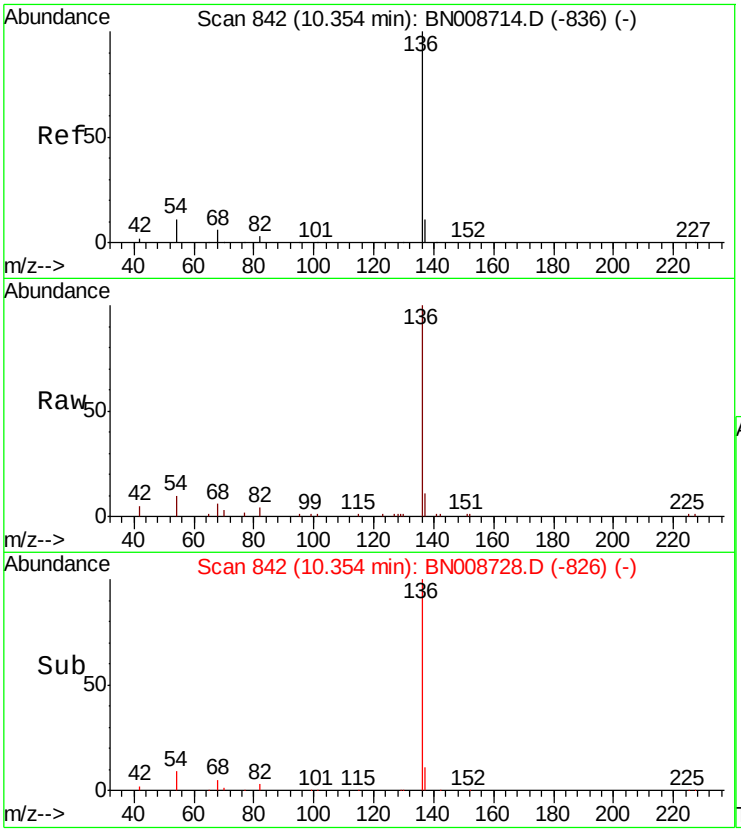




#6
bis(2-Chloroethyl)ether
Concen: 0.372 ng
RT: 7.03 min Scan# 522
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion: 93 Resp: 5962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 95.5 | 74.2 | 111.4 |
| 95 | 33.0 | 26.2 | 39.2 |



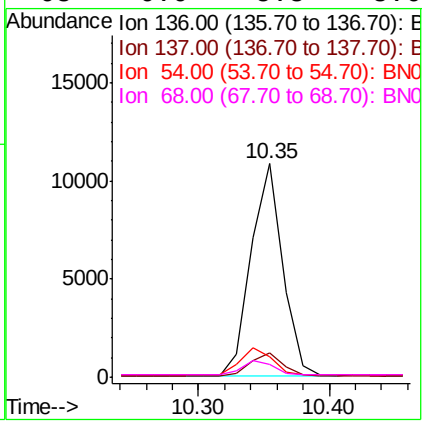


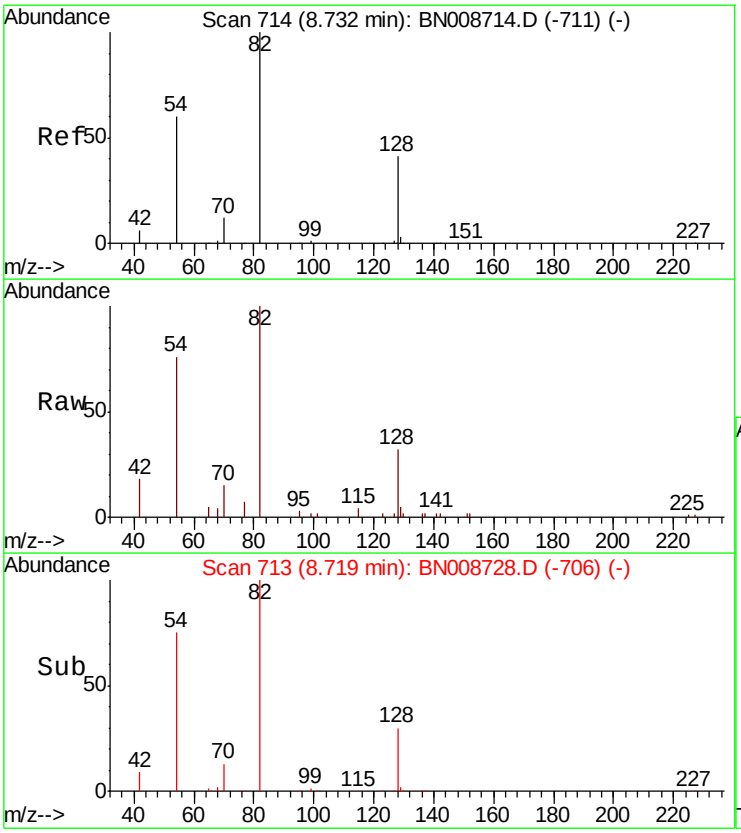

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.35 min Scan# 842
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:136 Resp: 18211

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.3 | 13.9 |
| 54 | 9.6 | 9.4 | 14.2 |
| 68 | 6.0 | 5.8 | 8.6 |

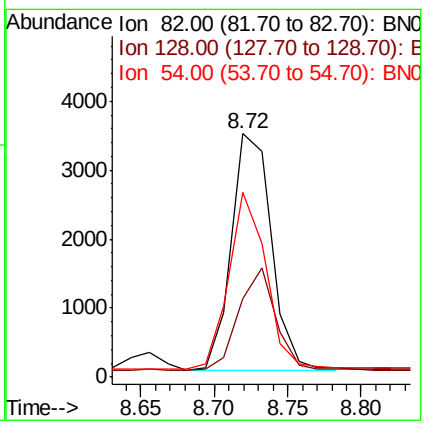


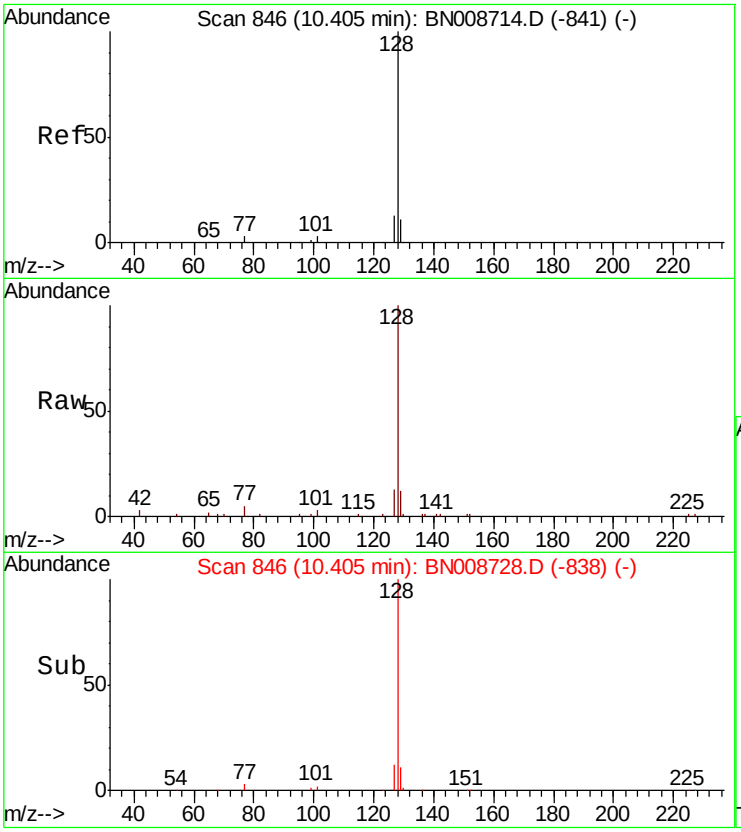




#8
Nitrobenzene-d5
Concen: 0.394 ng
RT: 8.72 min Scan# 713
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion: 82 Resp: 6439

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 32.3 | 34.6 | 52.0# |
| 54 | 76.0 | 50.2 | 75.4# |



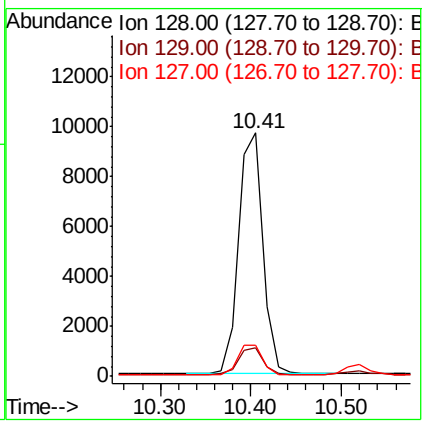


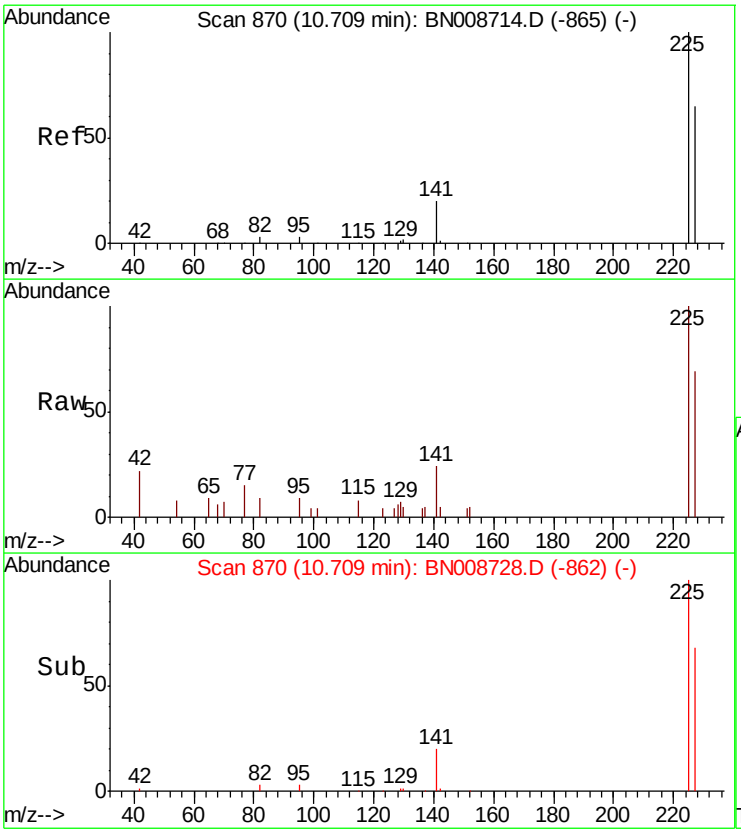

#9
Naphthalene
Concen: 0.368 ng
RT: 10.41 min Scan# 846
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:128 Resp: 17881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.8 | 9.4 | 14.2 |
| 127 | 12.7 | 10.5 | 15.7 |

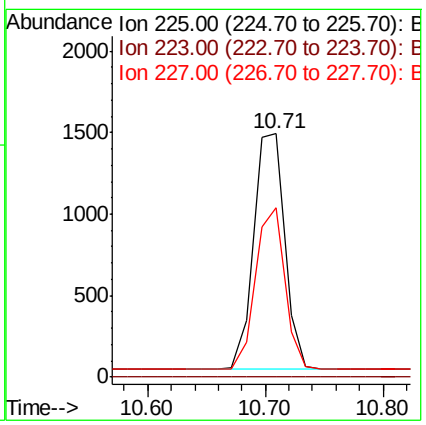


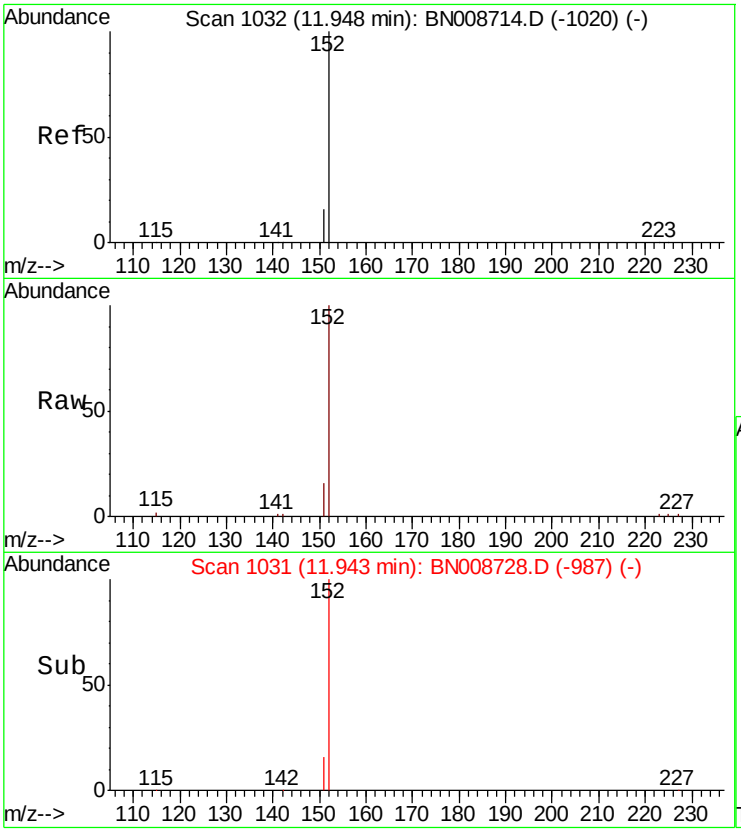




#10
Hexachlorobutadiene
Concen: 0.267 ng
RT: 10.71 min Scan# 870
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:225 Resp: 2690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 64.6 | 51.8 | 77.6 |



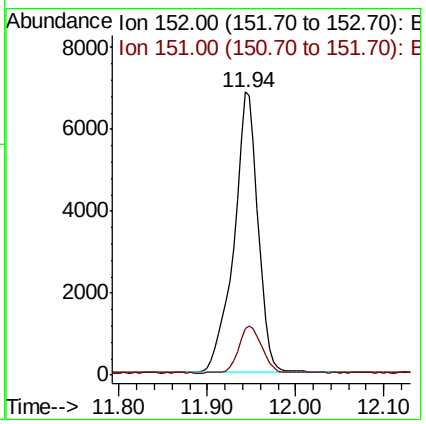


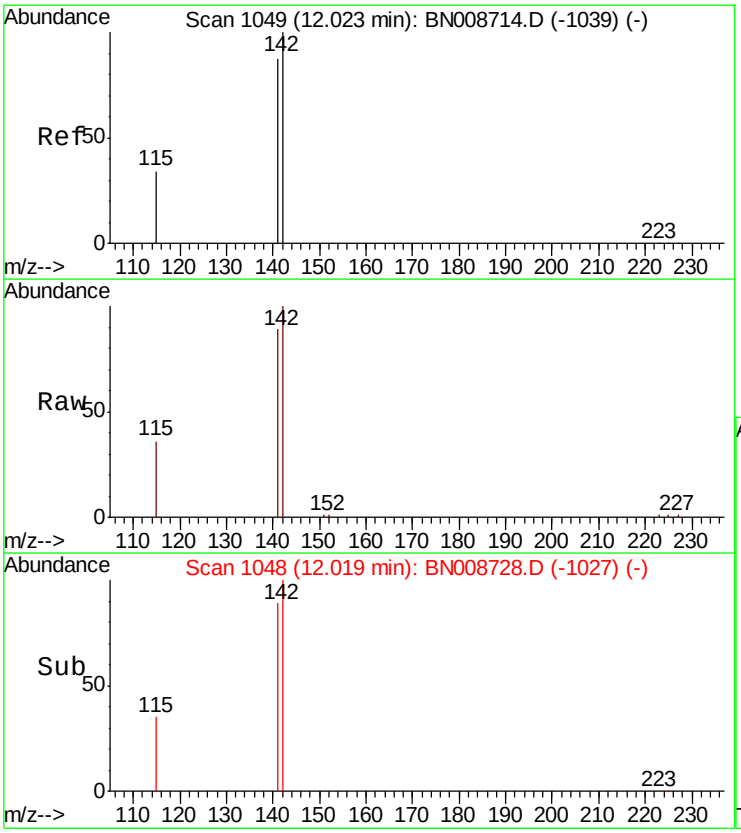

#11
2-Methylnaphthalene-d10
Concen: 0.452 ng
RT: 11.94 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:152 Resp: 12995

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 15.7 | 15.2 | 22.8 |

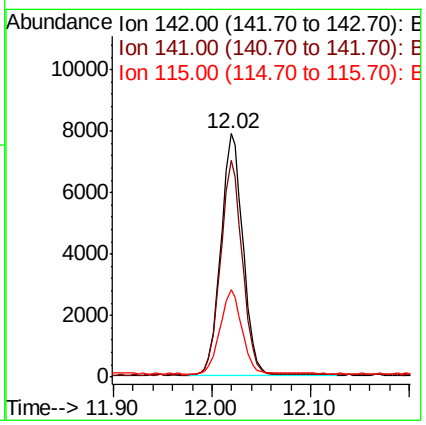


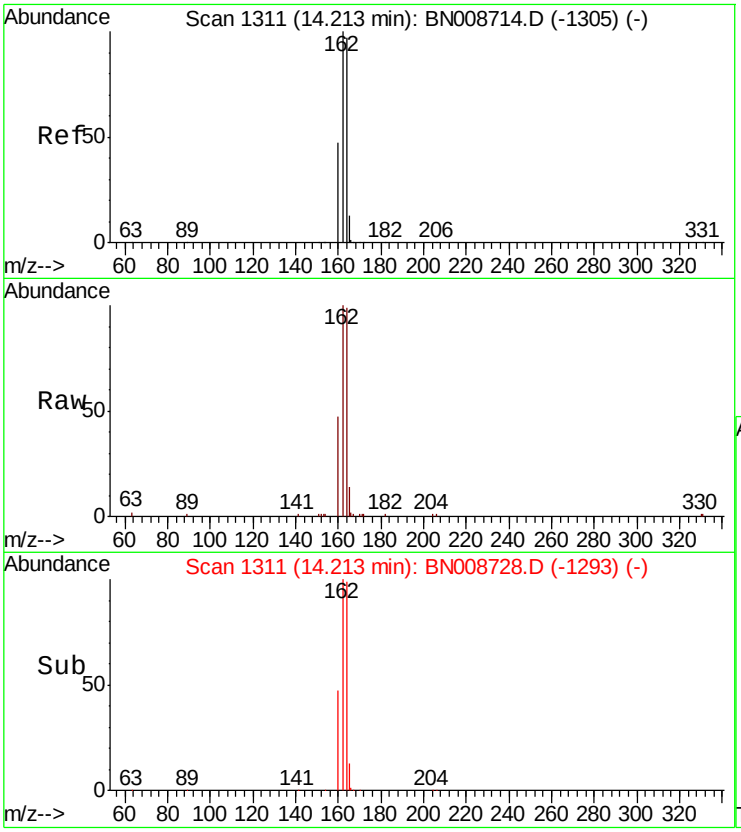




#12
2-Methylnaphthalene
Concen: 0.361 ng
RT: 12.02 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:142 Resp: 12216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 69.8 | 104.6 |
| 115 | 35.9 | 28.4 | 42.6 |



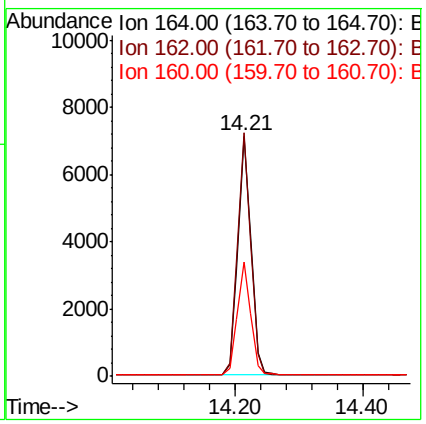


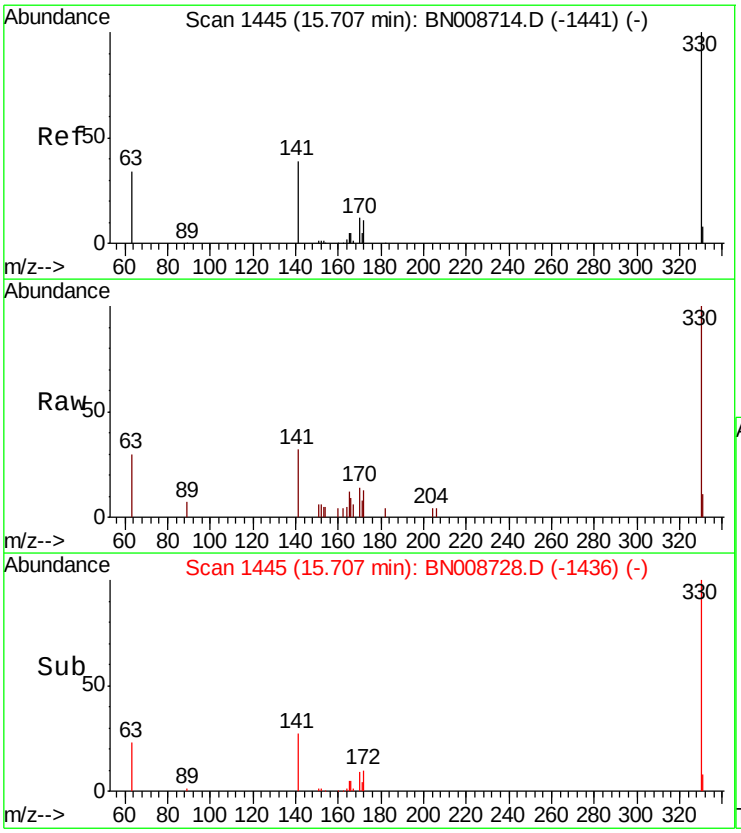

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.21 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:164 Resp: 10358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 82.2 | 123.4 |
| 160 | 47.9 | 38.7 | 58.1 |

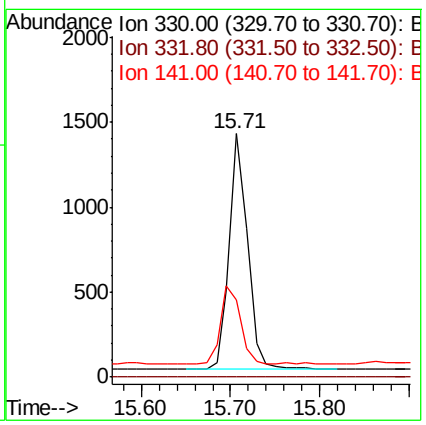


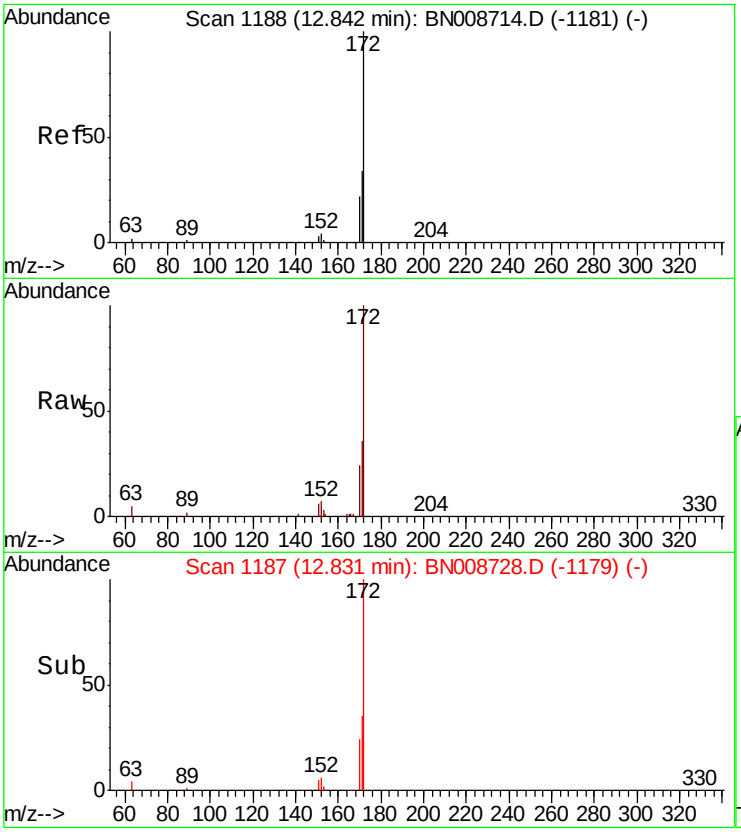




#14
2,4,6-Tribromophenol
Concen: 0.410 ng
RT: 15.71 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:330 Resp: 1977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 37.5 | 29.5 | 44.3 |



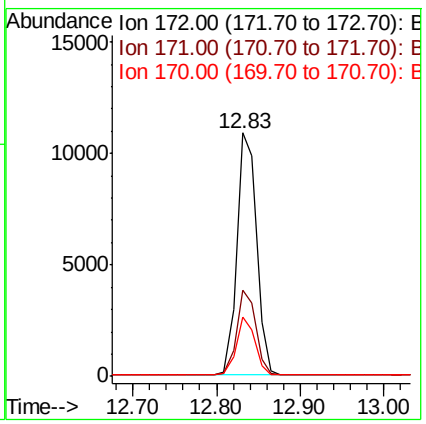


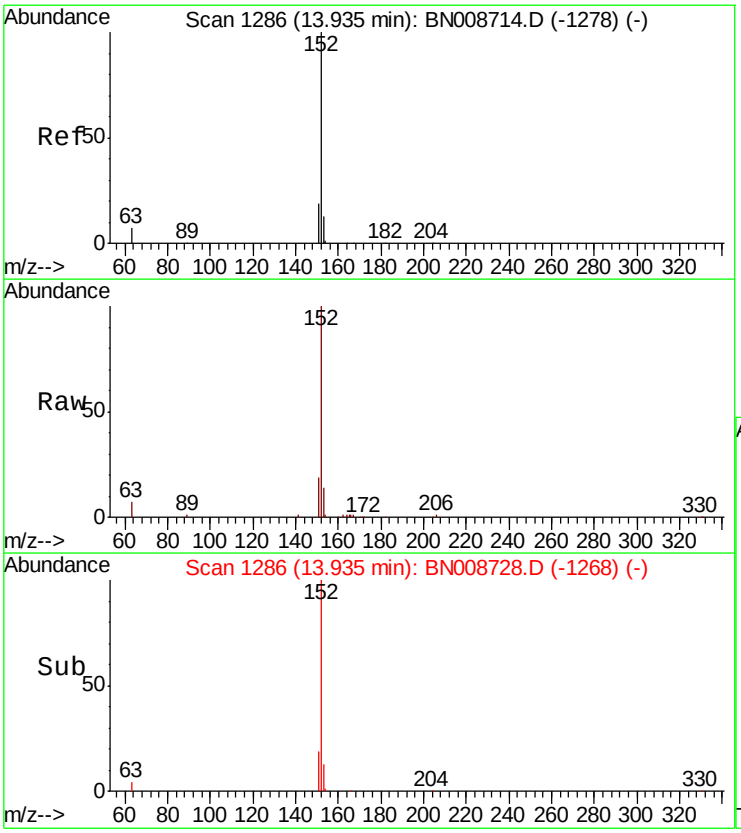

#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 12.83 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:172 Resp: 17782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.6 | 27.3 | 40.9 |
| 170 | 24.1 | 17.8 | 26.6 |

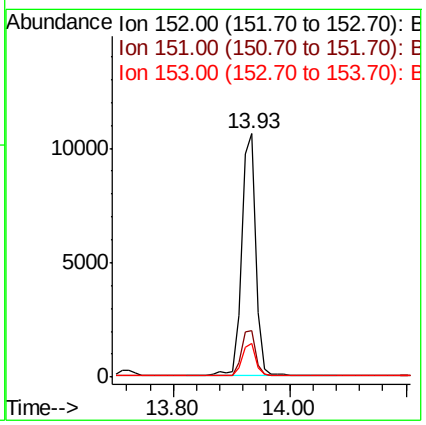


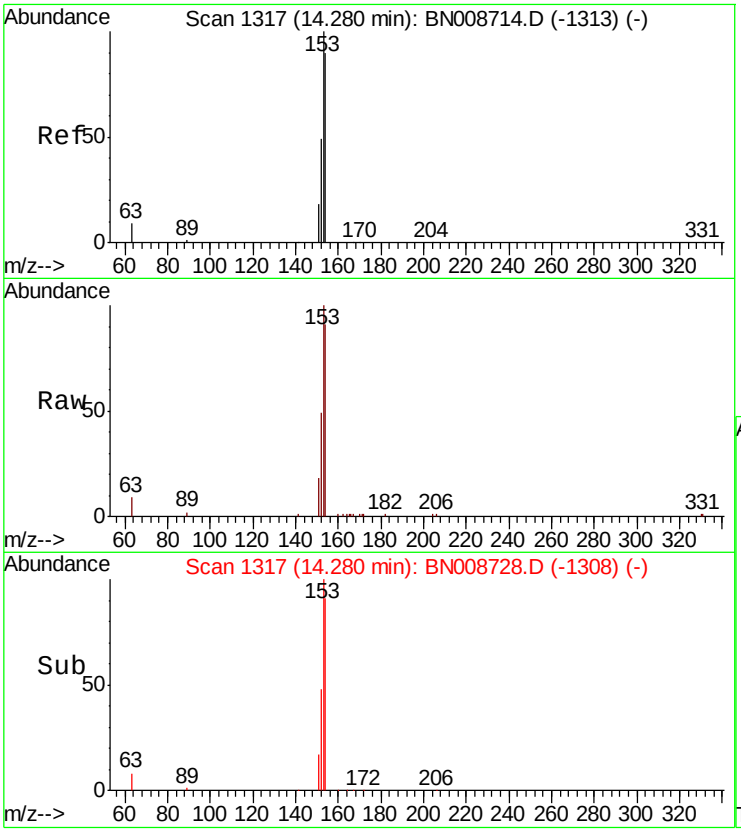




#16
Acenaphthylene
Concen: 0.377 ng
RT: 13.93 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:152 Resp: 17949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.0 | 15.5 | 23.3 |
| 153 | 13.2 | 10.3 | 15.5 |



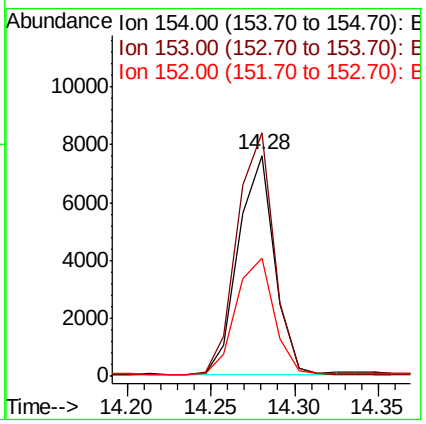


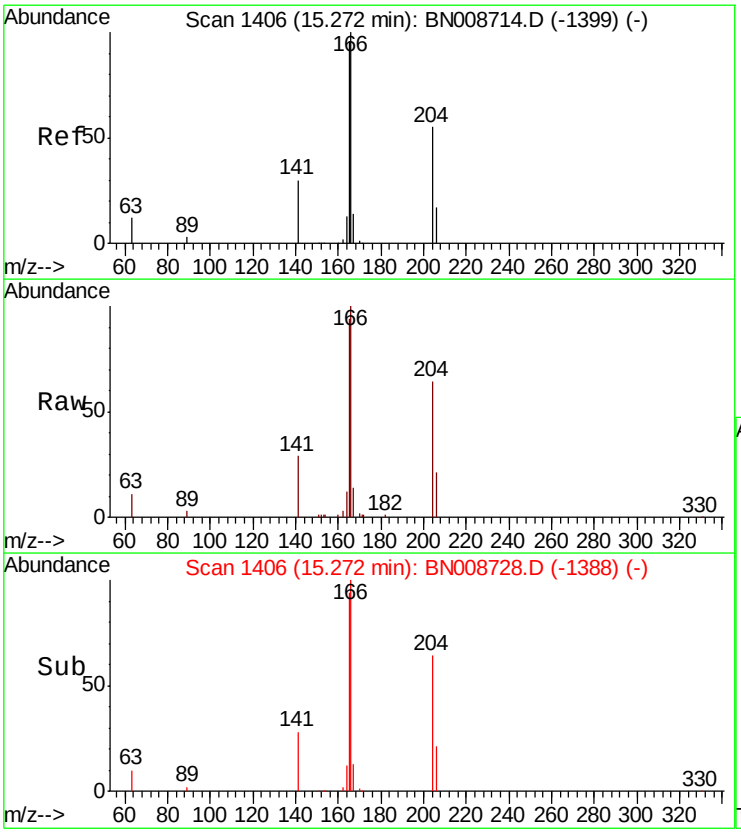

#17
Acenaphthene
Concen: 0.360 ng
RT: 14.28 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:154 Resp: 11310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 112.4 | 89.6 | 134.4 |
| 152 | 56.4 | 44.7 | 67.1 |

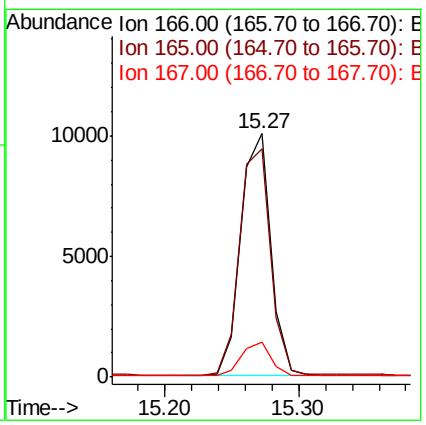


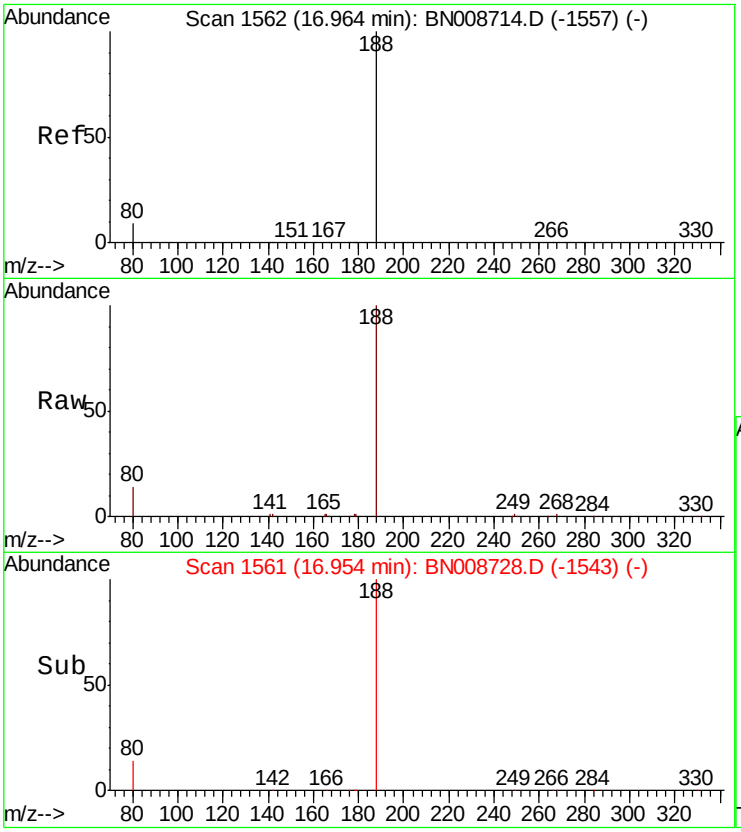




#18
Fluorene
Concen: 0.389 ng
RT: 15.27 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:166 Resp: 15615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 96.5 | 77.7 | 116.5 |
| 167 | 13.4 | 10.8 | 16.2 |



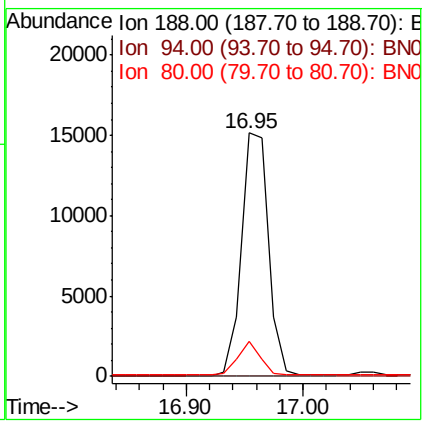


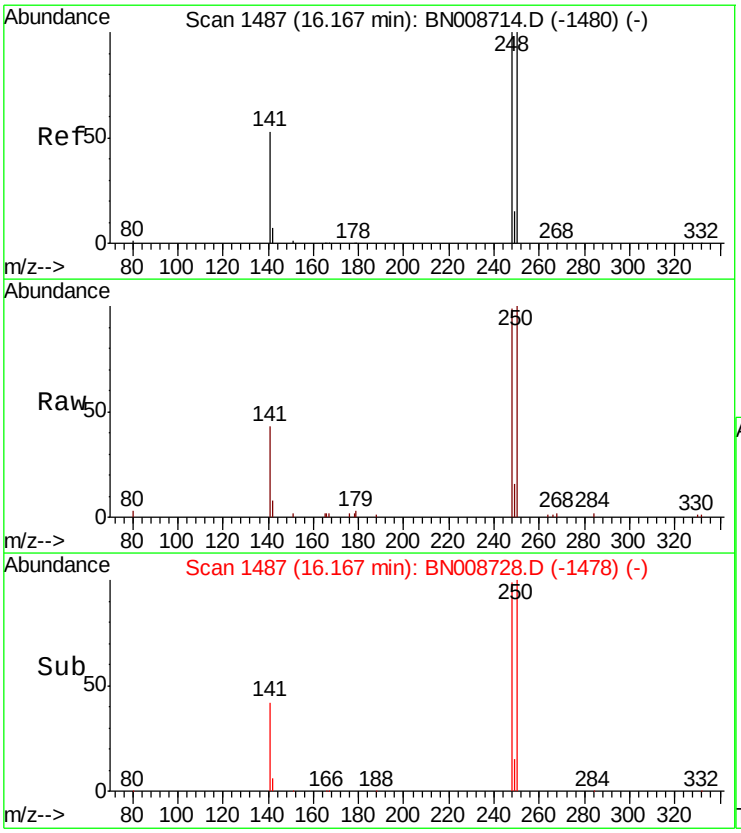

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:188 Resp: 24186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 14.1 | 7.4 | 11.0# |

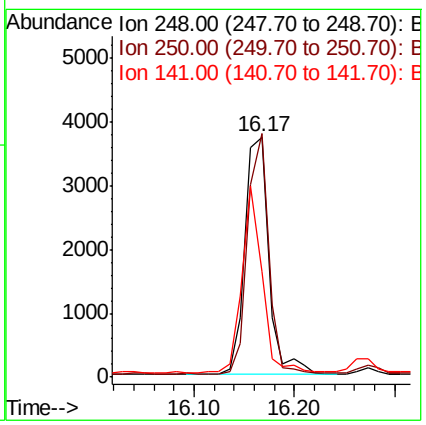


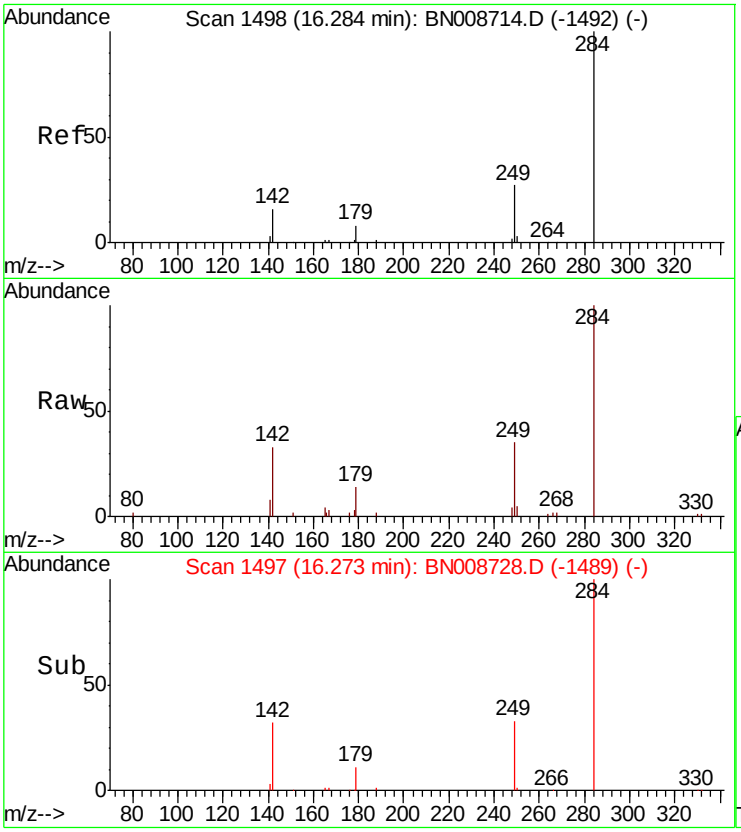




#20
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 16.17 min Scan# 1487
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:248 Resp: 6186

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 101.5 | 80.5 | 120.7 |
| 141 | 44.0 | 43.8 | 65.6 |



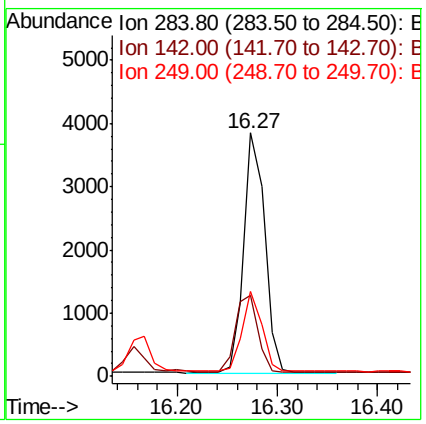


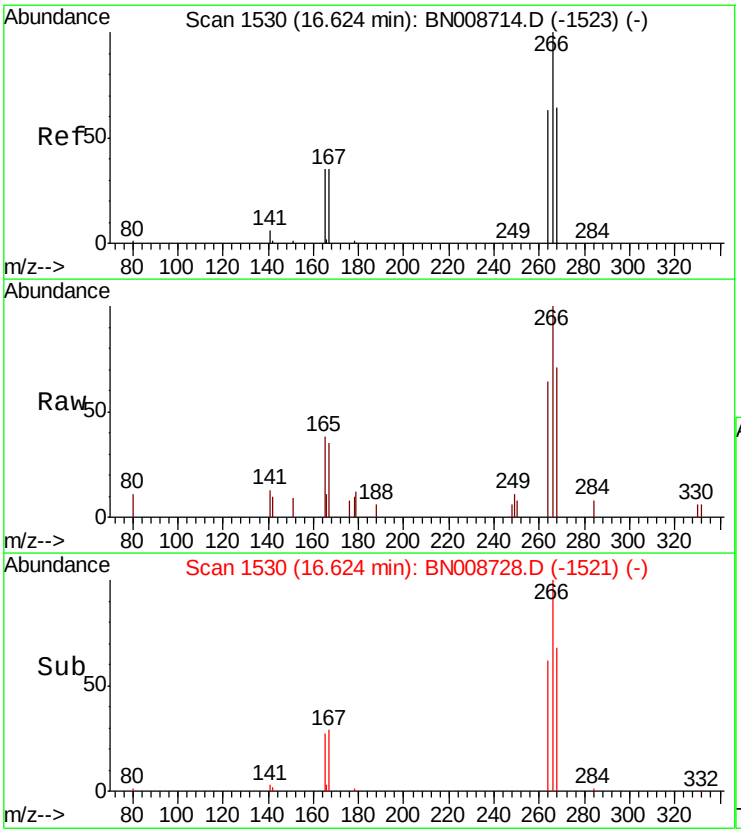

#21
Hexachlorobenzene
Concen: 0.333 ng
RT: 16.27 min Scan# 1497
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:284 Resp: 5533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.5 | 27.4 | 41.0 |
| 249 | 31.3 | 25.4 | 38.0 |

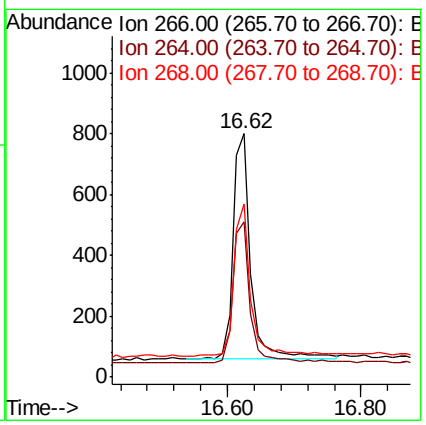


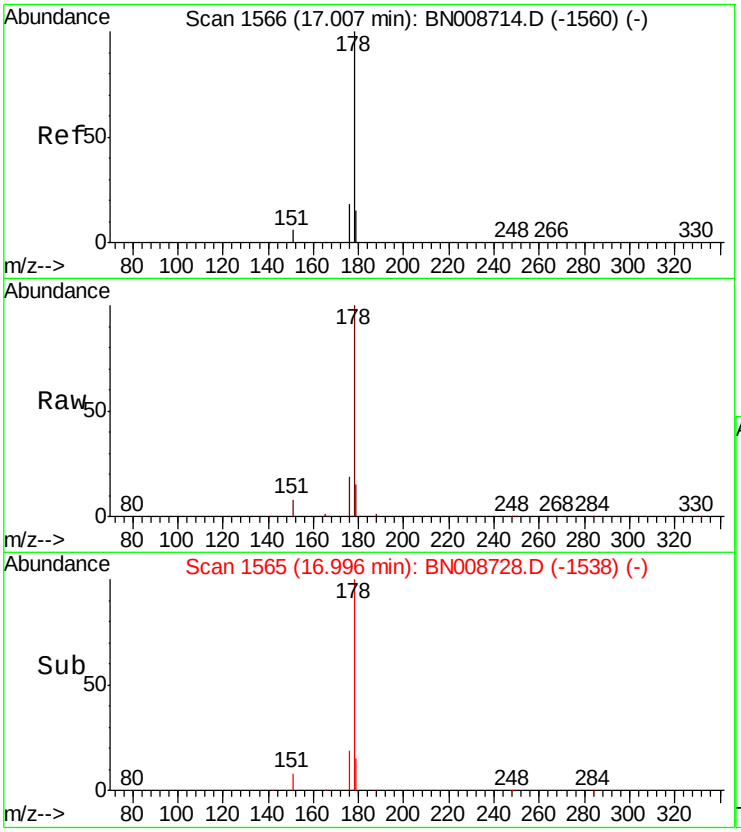




#22
Pentachlorophenol
Concen: 0.227 ng
RT: 16.62 min Scan# 1530
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:266 Resp: 1353

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.6 | 51.0 | 76.4 |
| 268 | 71.4 | 54.1 | 81.1 |



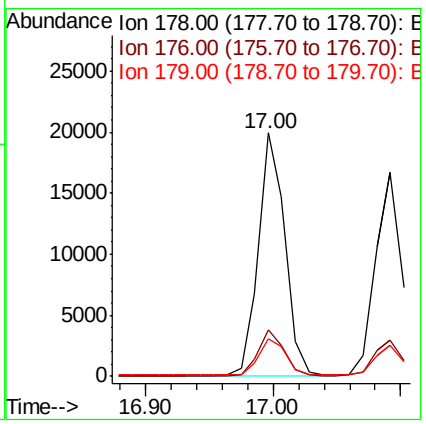


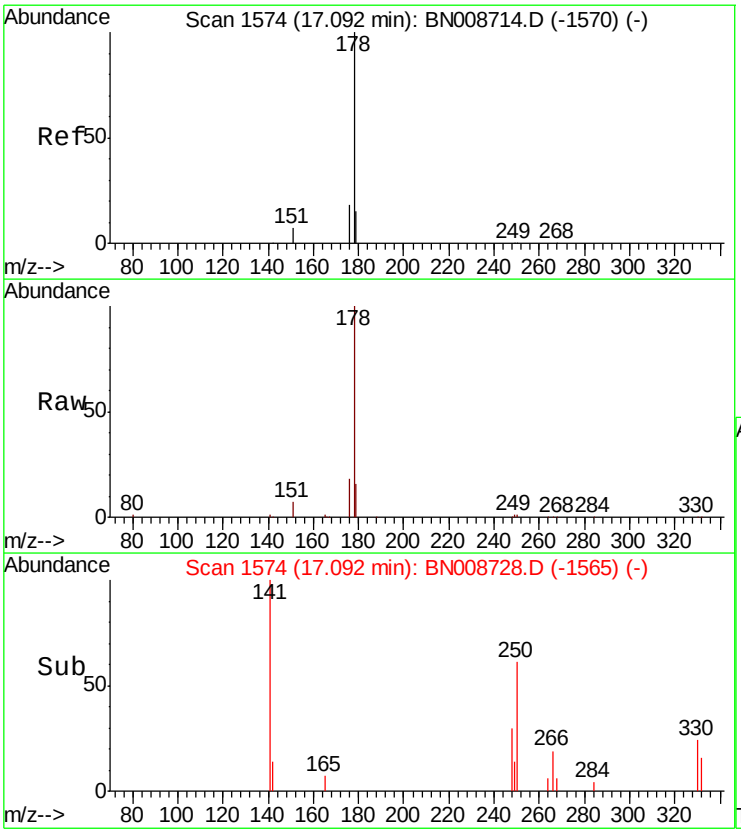

#23
Phenanthrene
Concen: 0.383 ng
RT: 17.00 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:178 Resp: 28590

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.3 | 15.0 | 22.4 |
| 179 | 15.6 | 12.3 | 18.5 |

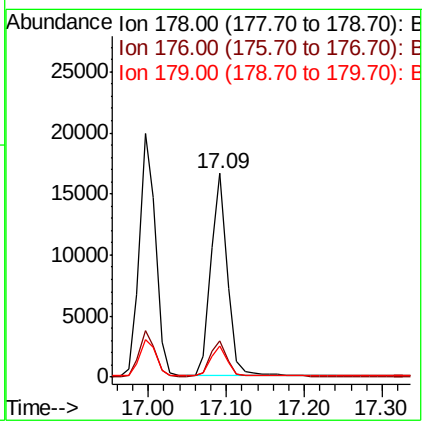


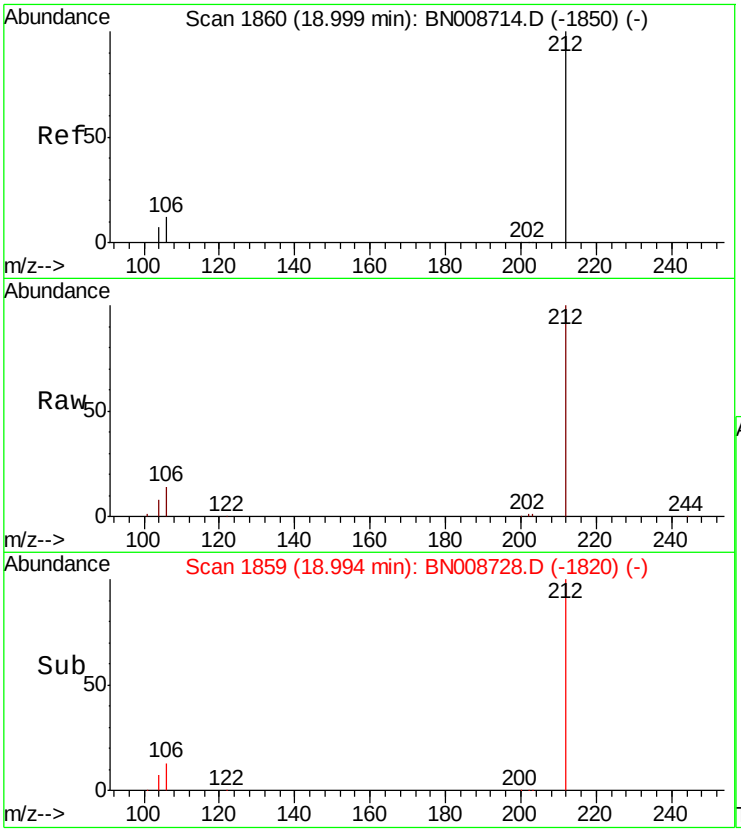




#24
Anthracene
Concen: 0.365 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:178 Resp: 24336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 14.4 | 21.6 |
| 179 | 15.1 | 12.0 | 18.0 |



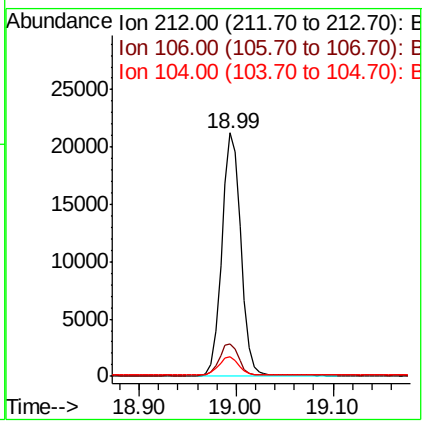


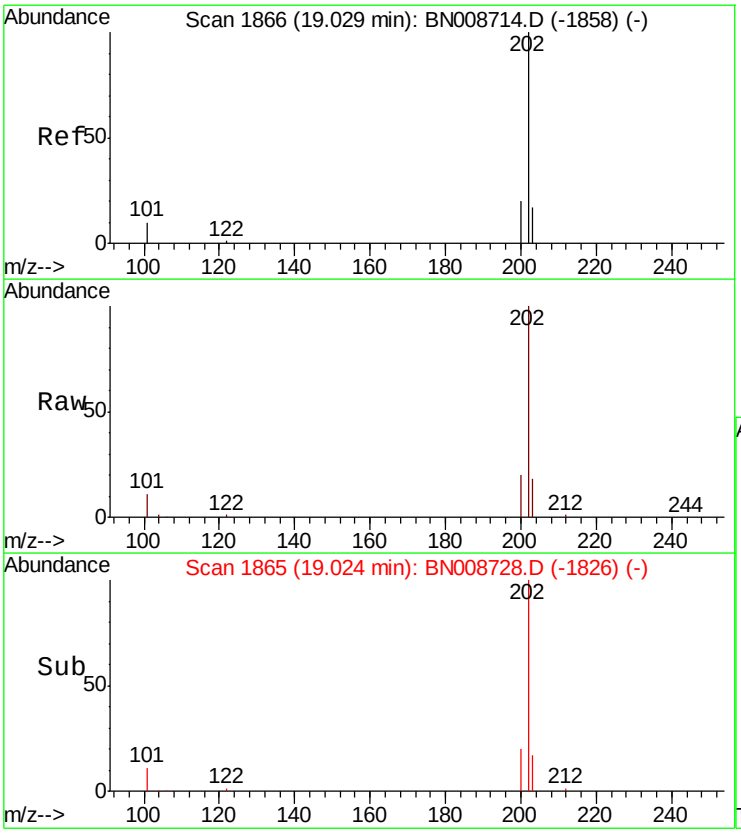

#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 18.99 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:212 Resp: 28653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.3 | 10.6 | 15.8 |
| 104 | 7.6 | 6.0 | 9.0 |

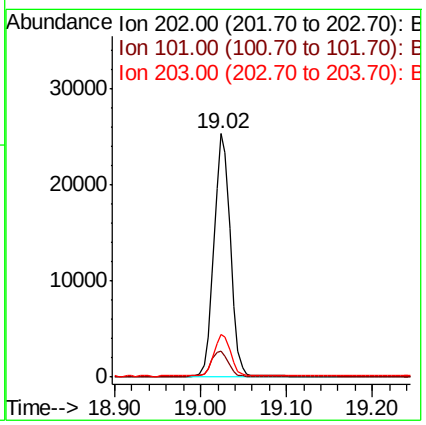


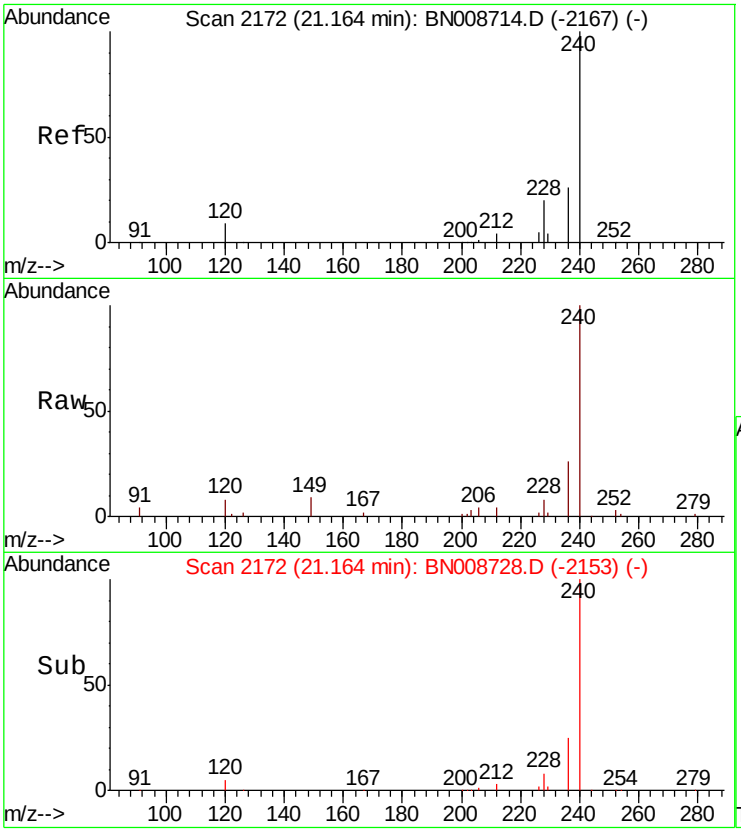




#26
Fluoranthene
Concen: 0.380 ng
RT: 19.02 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:202 Resp: 33307

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.0 | 9.0 | 13.4 |
| 203 | 17.3 | 13.8 | 20.6 |



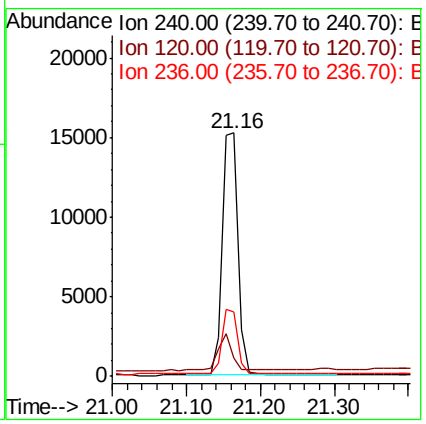


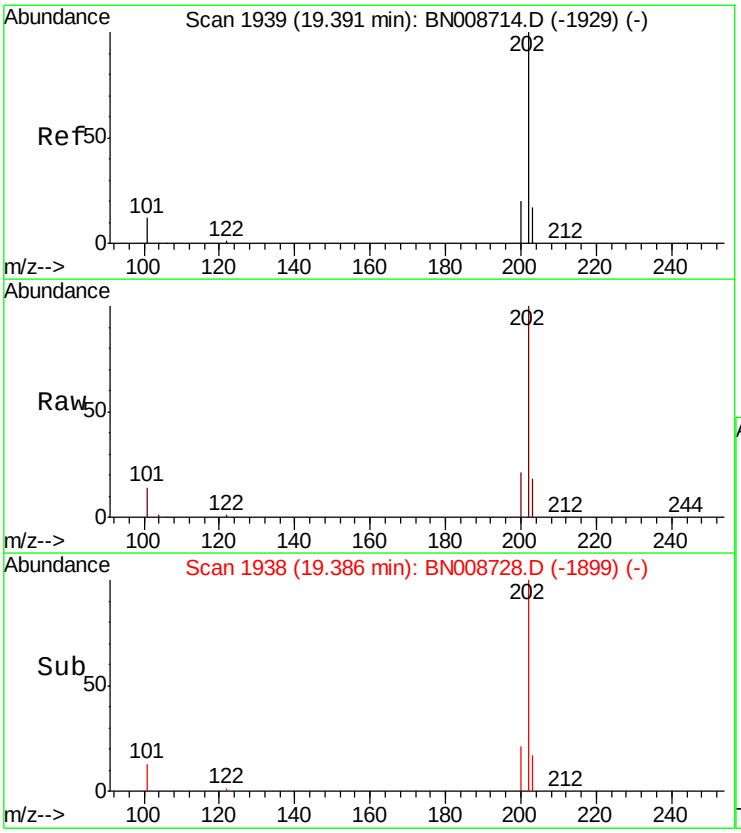

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:240 Resp: 23010

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.6 | 9.0 | 13.4# |
| 236 | 26.3 | 21.8 | 32.6 |

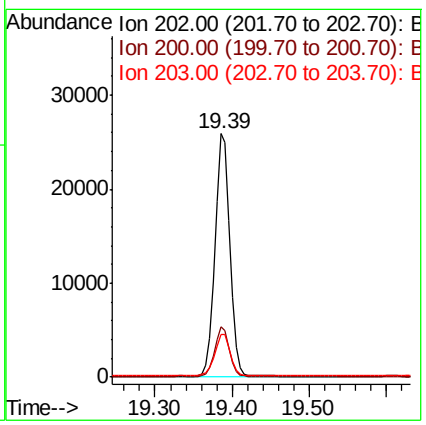


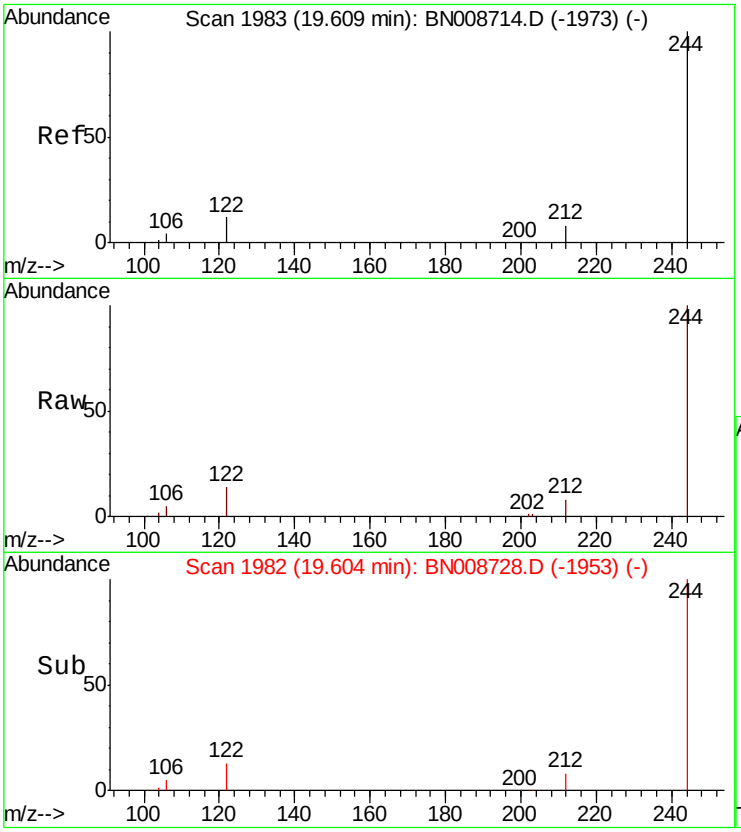




#28
Pyrene
Concen: 0.405 ng
RT: 19.39 min Scan# 1938
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:202 Resp: 34371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.1 | 16.2 | 24.4 |
| 203 | 17.9 | 14.0 | 21.0 |



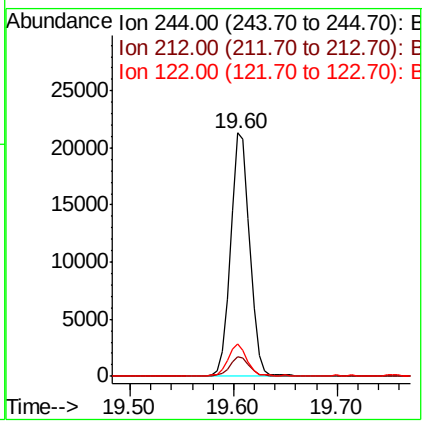


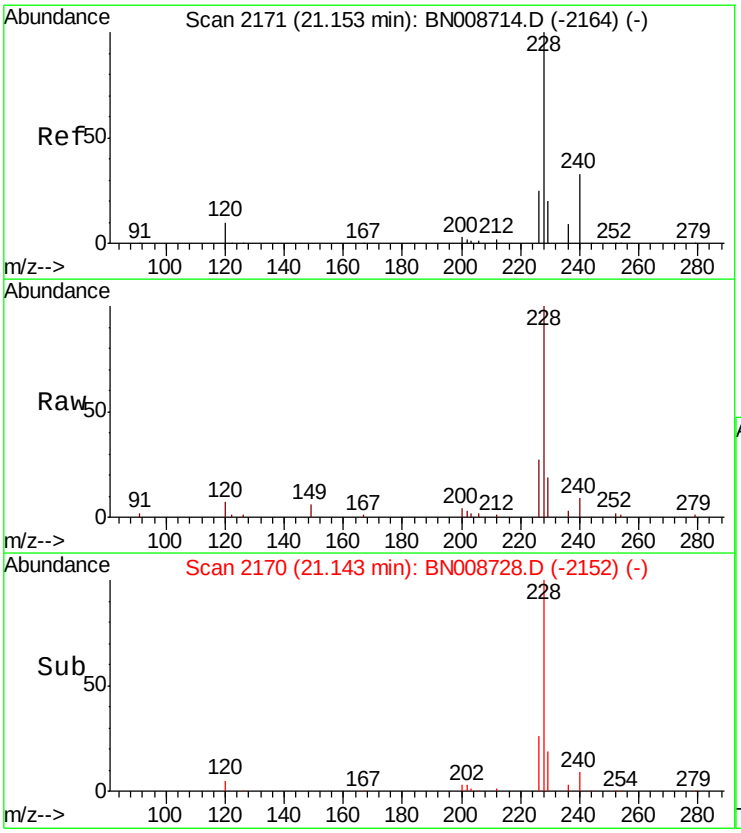

#29
Terphenyl-d14
Concen: 0.475 ng
RT: 19.60 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:244 Resp: 26273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 6.6 | 9.8 |
| 122 | 13.5 | 10.1 | 15.1 |

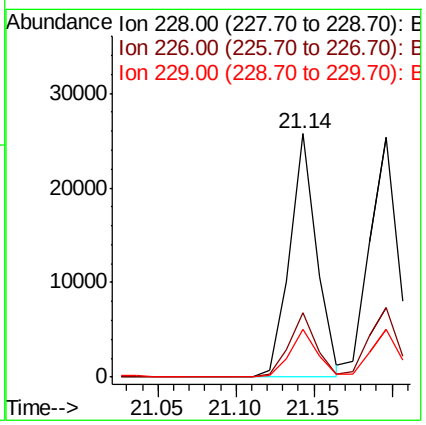


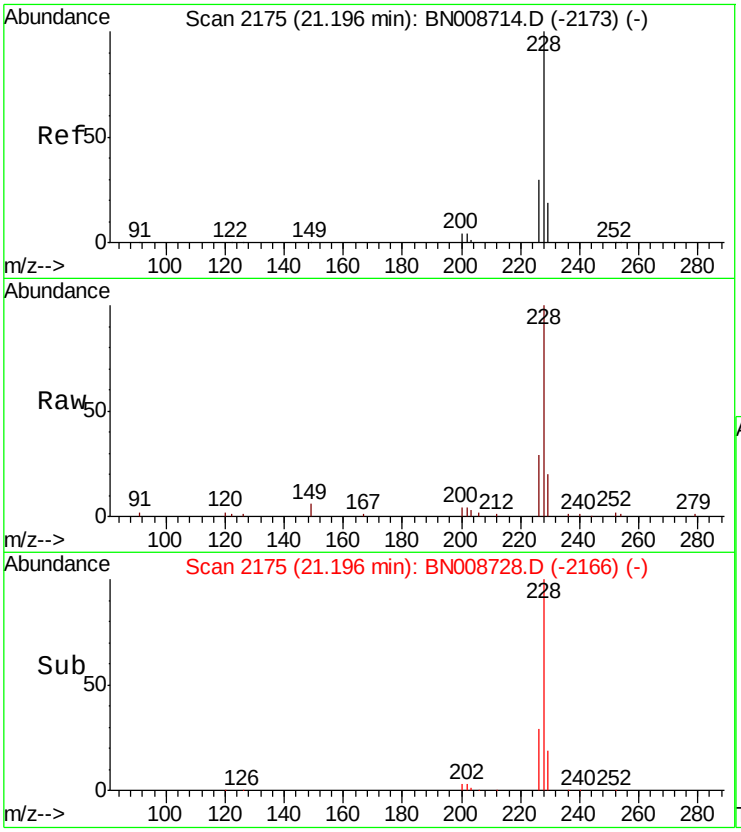




#30
Benzo(a)anthracene
Concen: 0.364 ng
RT: 21.14 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:228 Resp: 30652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 26.5 | 20.3 | 30.5 |
| 229 | 19.5 | 16.2 | 24.4 |



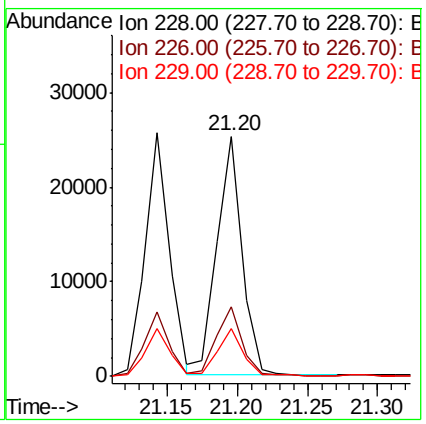


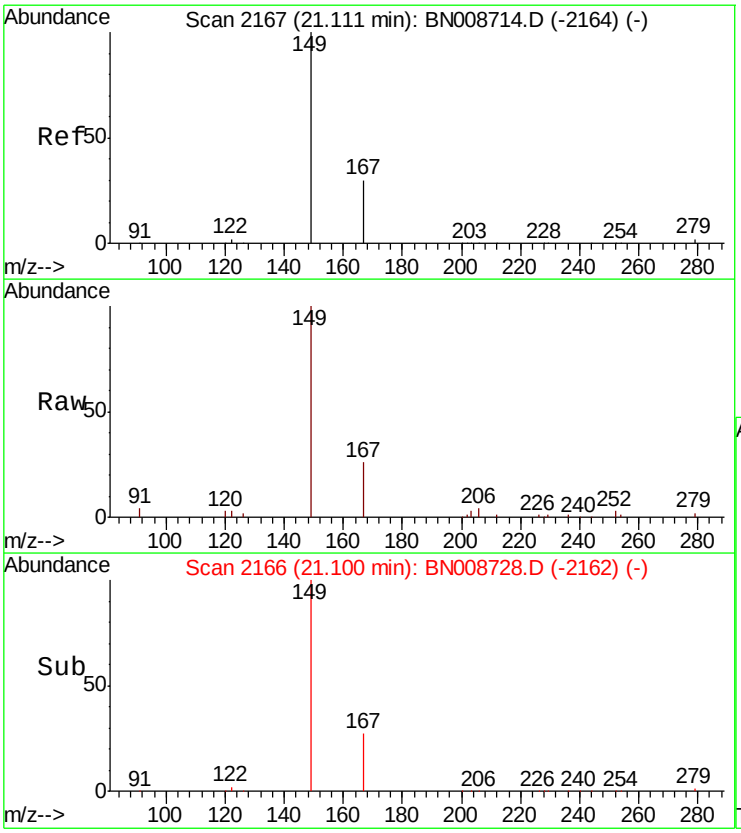

#31
Chrysene
Concen: 0.388 ng
RT: 21.20 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:228 Resp: 31634

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.9 | 23.8 | 35.8 |
| 229 | 19.7 | 15.4 | 23.0 |

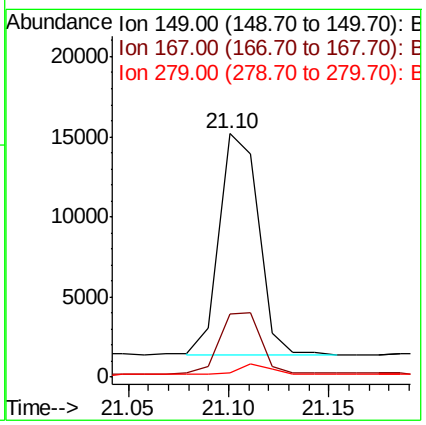


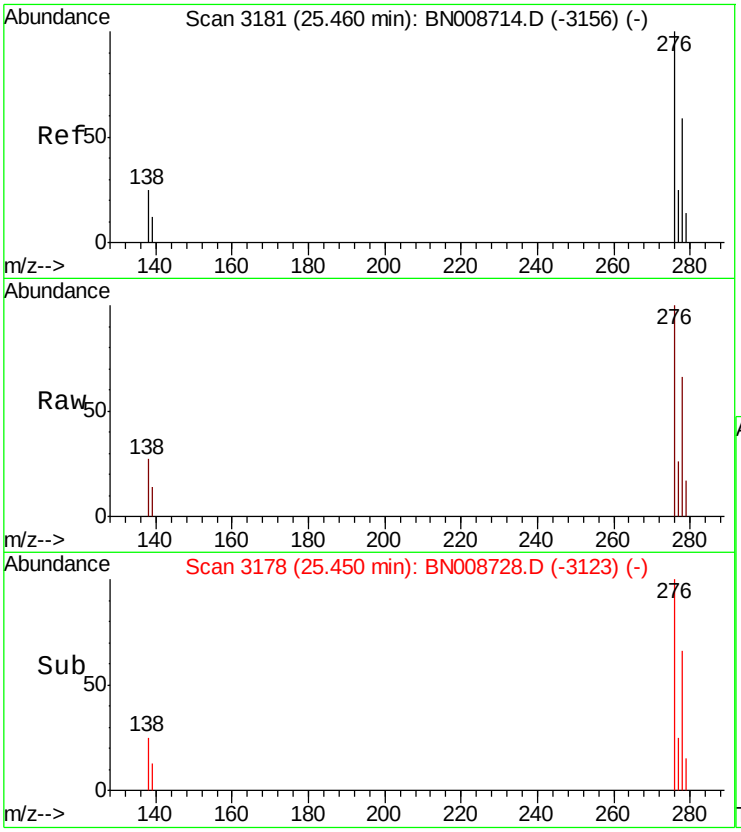




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.345 ng
RT: 21.10 min Scan# 2166
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:149 Resp: 18838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.1 | 23.5 | 35.3 |
| 279 | 3.9 | 3.4 | 5.0 |



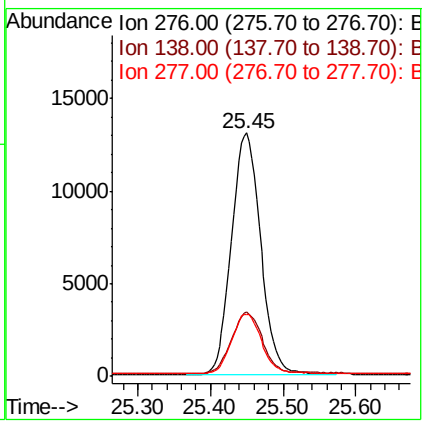


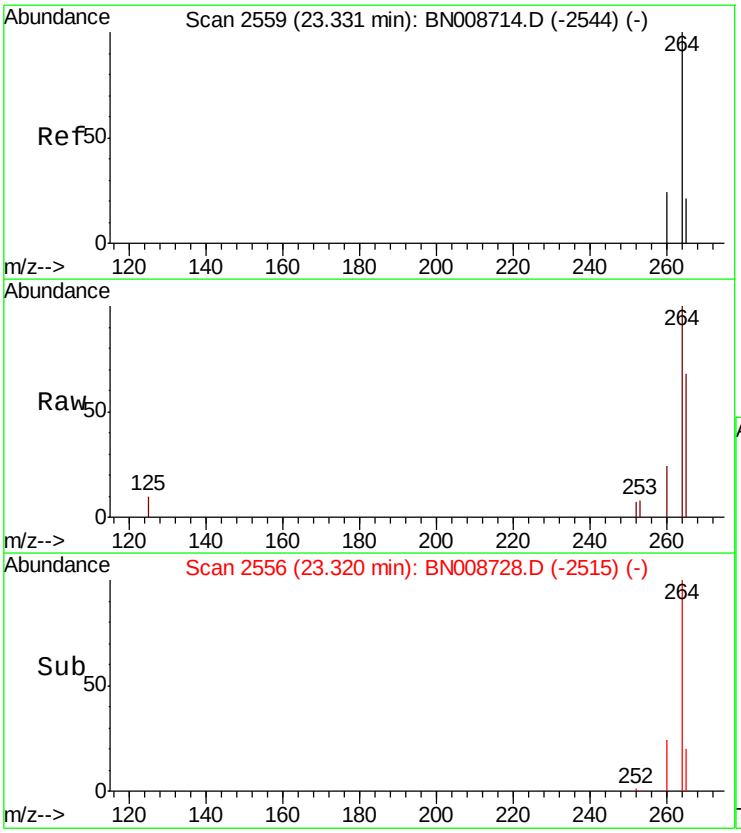

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.402 ng
RT: 25.45 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:276 Resp: 36555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 26.6 | 21.0 | 31.6 |
| 277 | 24.9 | 19.9 | 29.9 |

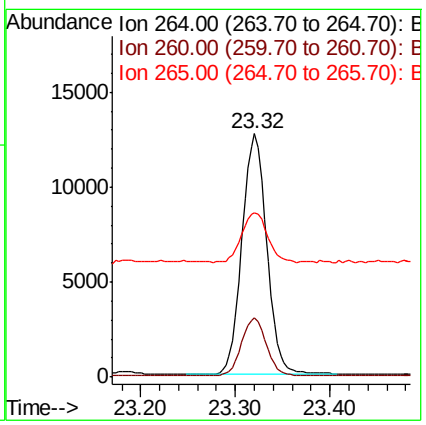


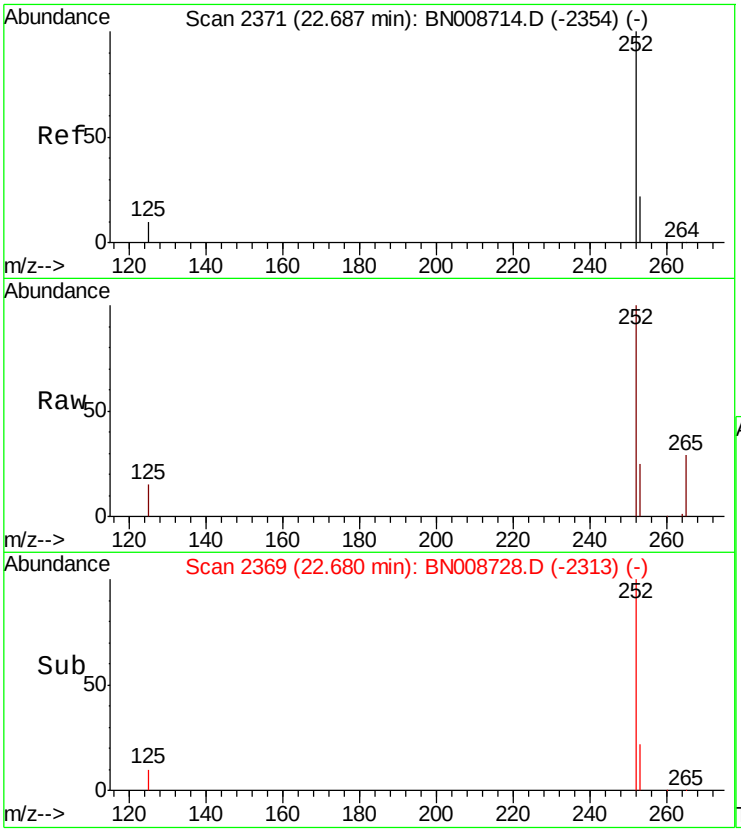




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:264 Resp: 22970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.3 | 19.6 | 29.4 |
| 265 | 67.6 | 61.8 | 92.6 |



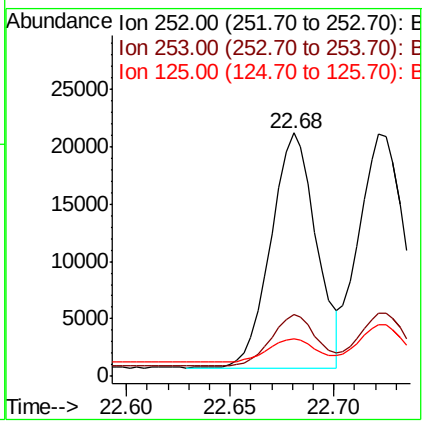


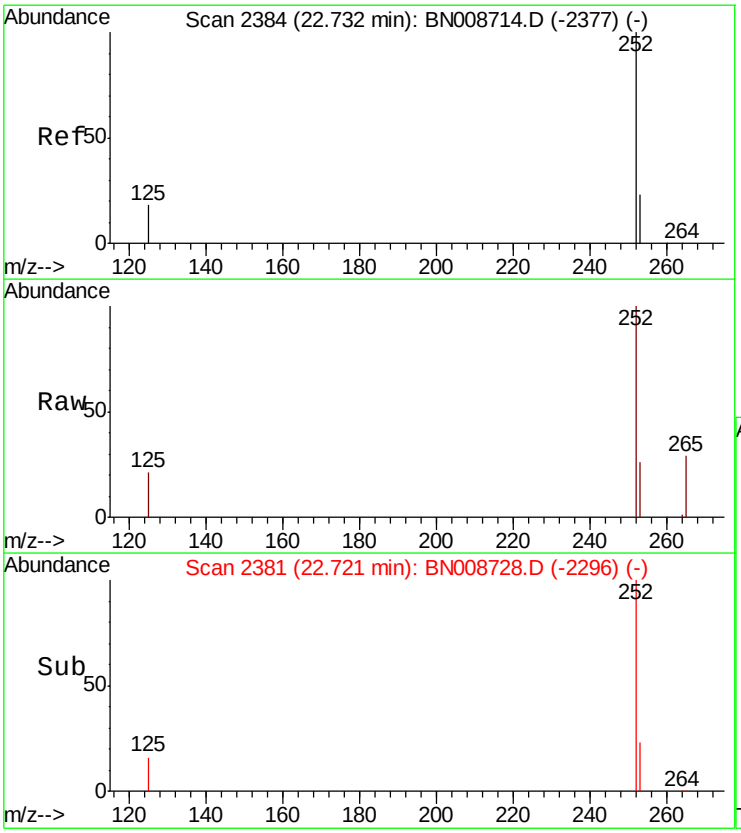

#35
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 22.68 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:252 Resp: 30909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.2 | 20.8 | 31.2 |
| 125 | 15.5 | 13.5 | 20.3 |

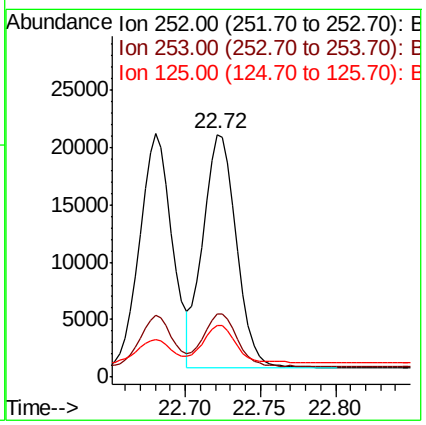


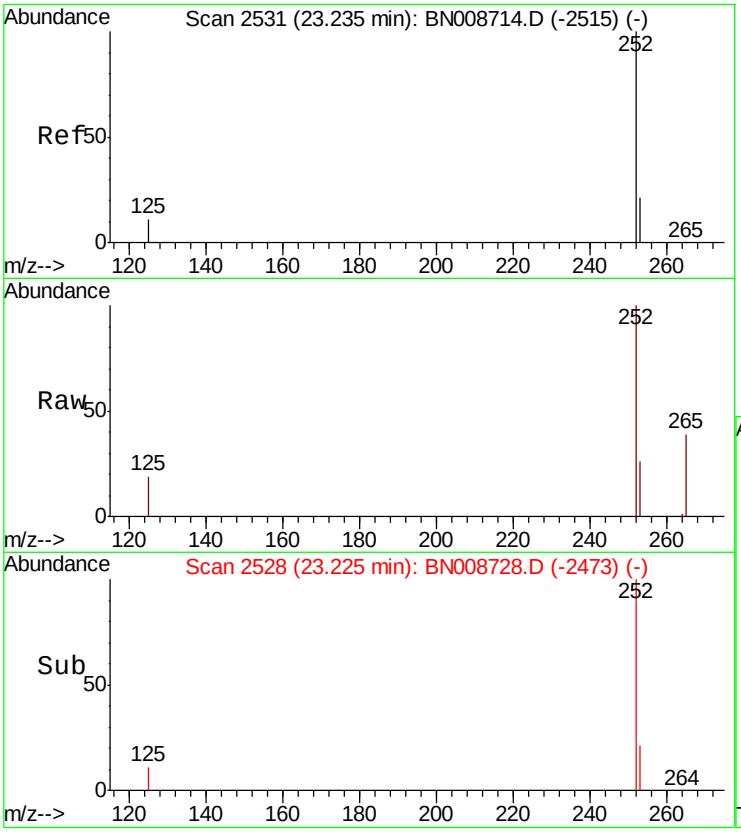




#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.72 min Scan# 2381
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:252 Resp: 31576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.2 | 21.8 | 32.6 |
| 125 | 21.2 | 18.2 | 27.4 |



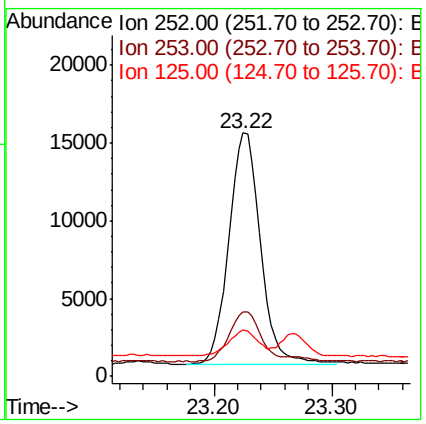


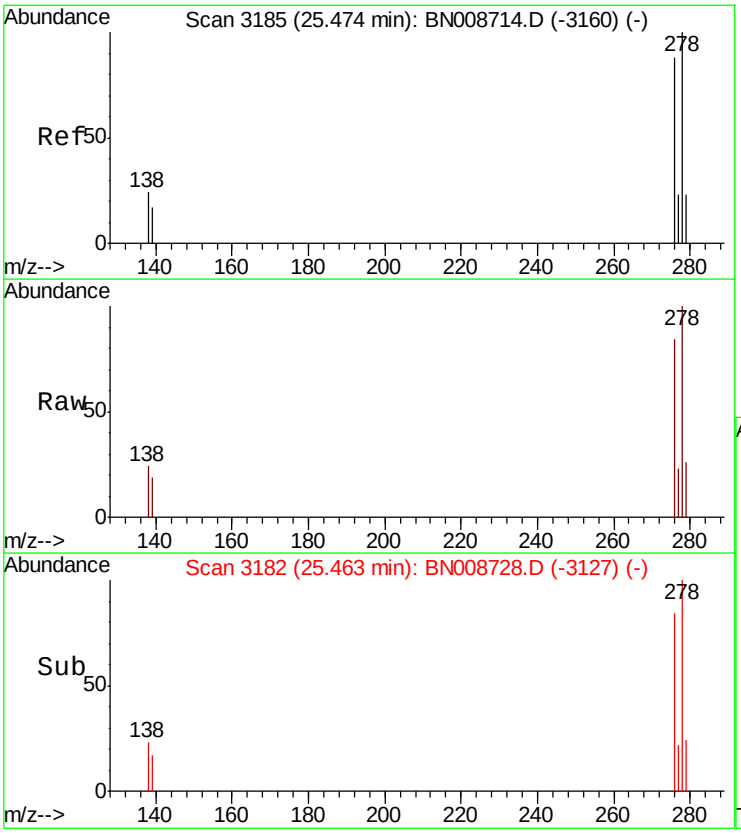

#37
Benzo(a)pyrene
Concen: 0.377 ng
RT: 23.22 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:252 Resp: 27700

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 26.4 | 21.9 | 32.9 |
| 125 | 19.0 | 16.3 | 24.5 |

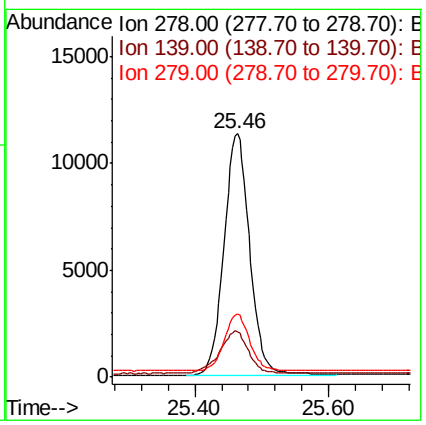


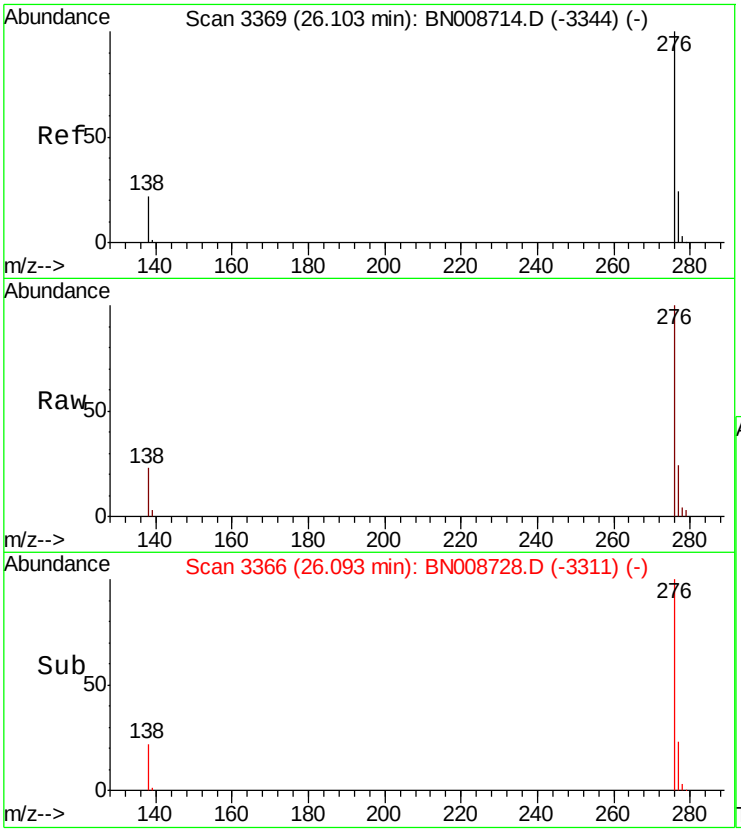




#38
Dibenzo(a,h)anthracene
Concen: 0.416 ng
RT: 25.46 min Scan# 3182
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

Tgt Ion:278 Resp: 30160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 18.6 | 15.4 | 23.2 |
| 279 | 26.1 | 21.3 | 31.9 |






#39
Benzo(g,h,i)perylene
Concen: 0.428 ng
RT: 26.09 min Scan# 3366
Delta R.T. -0.01 min
Lab File: BN008728.D
Acq: 23 Nov 2019 14:38

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

Tgt Ion:276 Resp: 30965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.3 | 20.4 | 30.6 |
| 138 | 23.0 | 19.2 | 28.8 |