Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004970.D
Acq On : 25 Mar 2019 20:39
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 26 01:20:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 4187 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.47 | 136 | 17706 | 0.40 | ng | | -0.03 |
| 13) Acenaphthene-d10 | 14.33 | 164 | 9047 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 17.08 | 188 | 17674 | 0.40 | ng | | -0.01 |
| 27) Chrysene-d12 | 21.29 | 240 | 17416 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.54 | 264 | 19273 | 0.40 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.28 | 112 | 5475 | 0.48 | ng | | 0.00 |
| 5) Phenol-d6 | 6.87 | 99 | 6909 | 0.49 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.84 | 82 | 5876 | 0.50 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 12.07 | 152 | 12238 | 0.40 | ng | | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.84 | 330 | 2335 | 0.37 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.95 | 172 | 17922 | 0.48 | ng | | -0.01 |
| 25) Fluoranthene-d10 | 19.12 | 212 | 20998 | 0.35 | ng | | -0.01 |
| 29) Terphenyl-d14 | 19.72 | 244 | 18012 | 0.51 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.22 | 88 | 1943 | 0.408 | ng | | 98 |
| 3) n-Nitrosodimethylamine | 3.56 | 42 | 1325 | 0.471 | ng | | 99 |
| 6) bis(2-Chloroethyl)ether | 7.12 | 93 | 5552 | 0.434 | ng | | 97 |
| 9) Naphthalene | 10.52 | 128 | 21428 | 0.432 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.78 | 225 | 4001 | 0.422 | ng | # | 98 |
| 12) 2-Methylnaphthalene | 12.14 | 142 | 14699 | 0.399 | ng | | 99 |
| 16) Acenaphthylene | 14.05 | 152 | 21991 | 0.472 | ng | | 100 |
| 17) Acenaphthene | 14.39 | 154 | 13232 | 0.434 | ng | | 99 |
| 18) Fluorene | 15.38 | 166 | 16539 | 0.388 | ng | | 100 |
| 20) 4-Bromophenyl-phenylether | 16.27 | 248 | 5523 | 0.478 | ng | | 97 |
| 21) Hexachlorobenzene | 16.39 | 284 | 5556 | 0.420 | ng | | 95 |
| 22) Pentachlorophenol | 16.75 | 266 | 1072 | 0.415 | ng | | 98 |
| 23) Phenanthrene | 17.12 | 178 | 23488 | 0.412 | ng | | 99 |
| 24) Anthracene | 17.22 | 178 | 23172 | 0.455 | ng | | 100 |
| 26) Fluoranthene | 19.15 | 202 | 25834 | 0.352 | ng | # | 98 |
| 28) Pyrene | 19.52 | 202 | 26034 | 0.490 | ng | | 99 |
| 30) Benzo(a)anthracene | 21.27 | 228 | 25535 | 0.447 | ng | # | 89 |
| 31) Chrysene | 21.32 | 228 | 24728 | 0.411 | ng | # | 90 |
| 32) Bis(2-ethylhexyl)phthalate | 21.18 | 149 | 17886 | 0.784 | ng | # | 97 |
| 33) Indeno(1,2,3-cd)pyrene | 25.81 | 276 | 34519 | 0.397 | ng | | 98 |
| 35) Benzo(b)fluoranthene | 22.86 | 252 | 28512 | 0.409 | ng | # | 74 |
| 36) Benzo(k)fluoranthene | 22.90 | 252 | 26616 | 0.388 | ng | # | 74 |
| 37) Benzo(a)pyrene | 23.43 | 252 | 25868 | 0.404 | ng | # | 68 |
| 38) Dibenzo(a,h)anthracene | 25.81 | 278 | 28298 | 0.382 | ng | # | 76 |
| 39) Benzo(g,h,i)perylene | 26.51 | 276 | 28630 | 0.379 | ng | # | 80 |

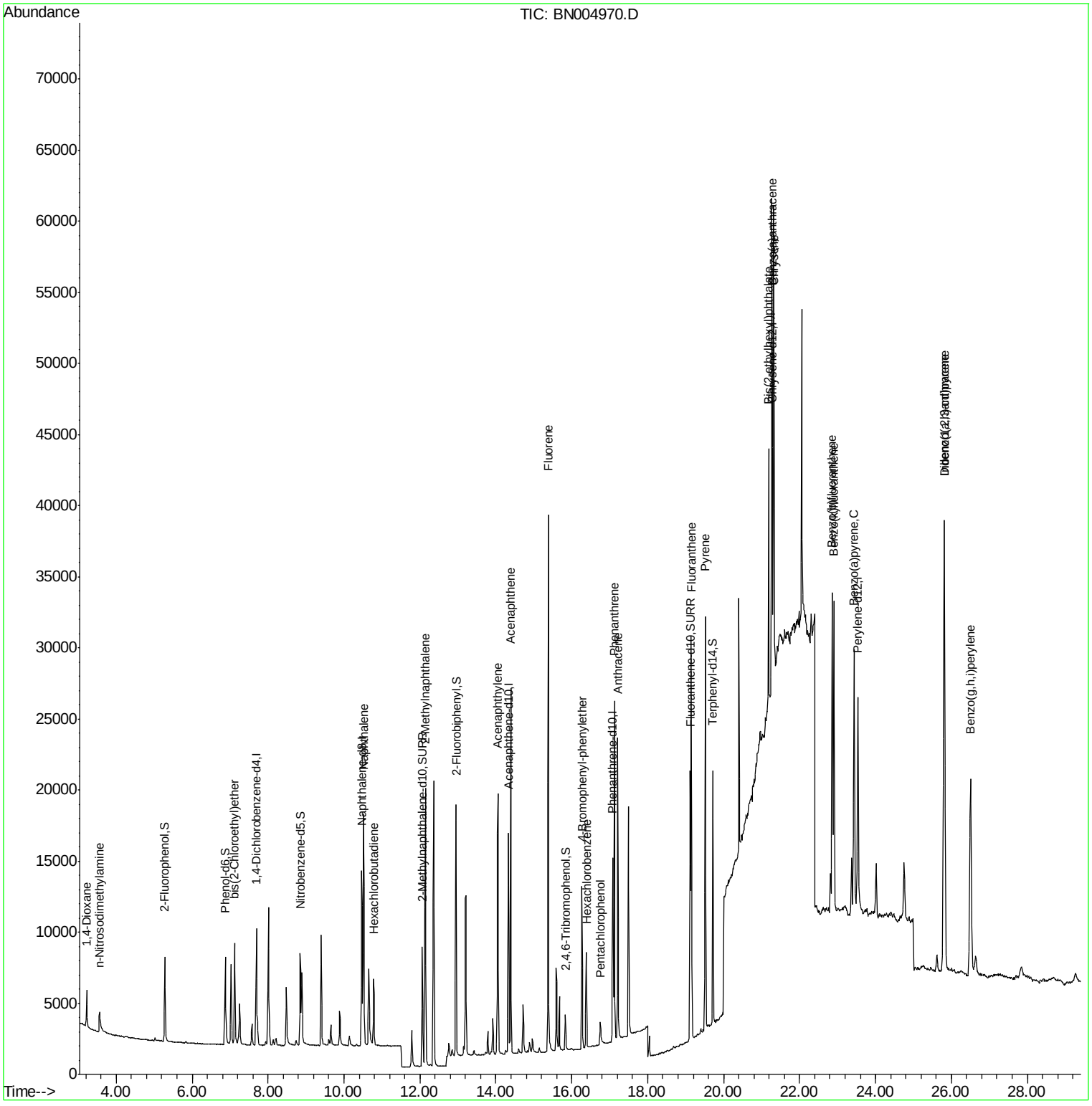
(#) = qualifier out of range (m) = manual integration (+) = signals summed

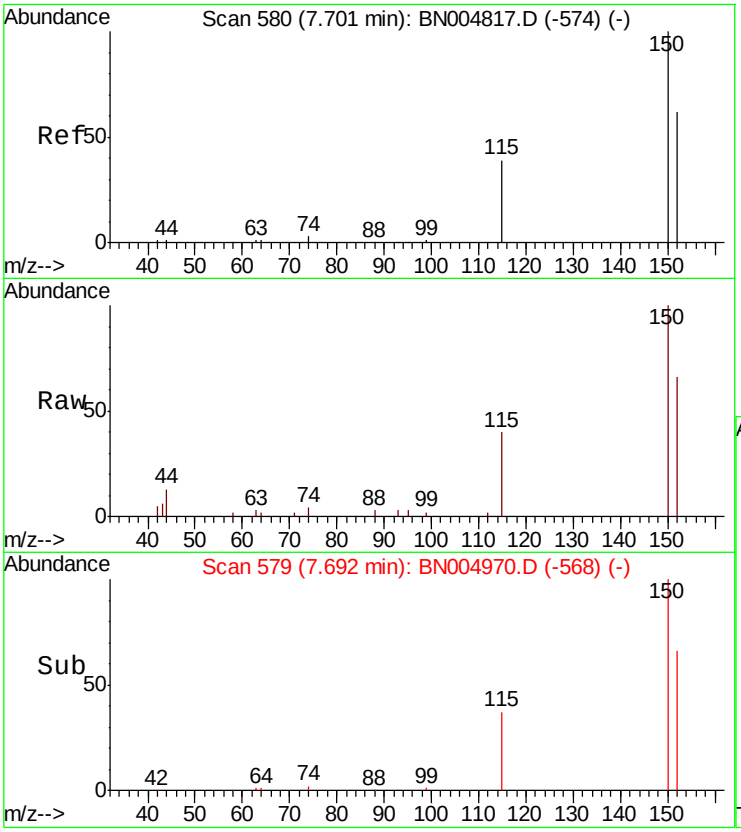
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004970.D
Acq On : 25 Mar 2019 20:39
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Mar 26 01:20:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



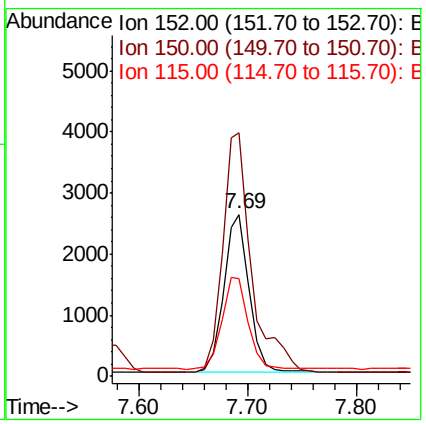


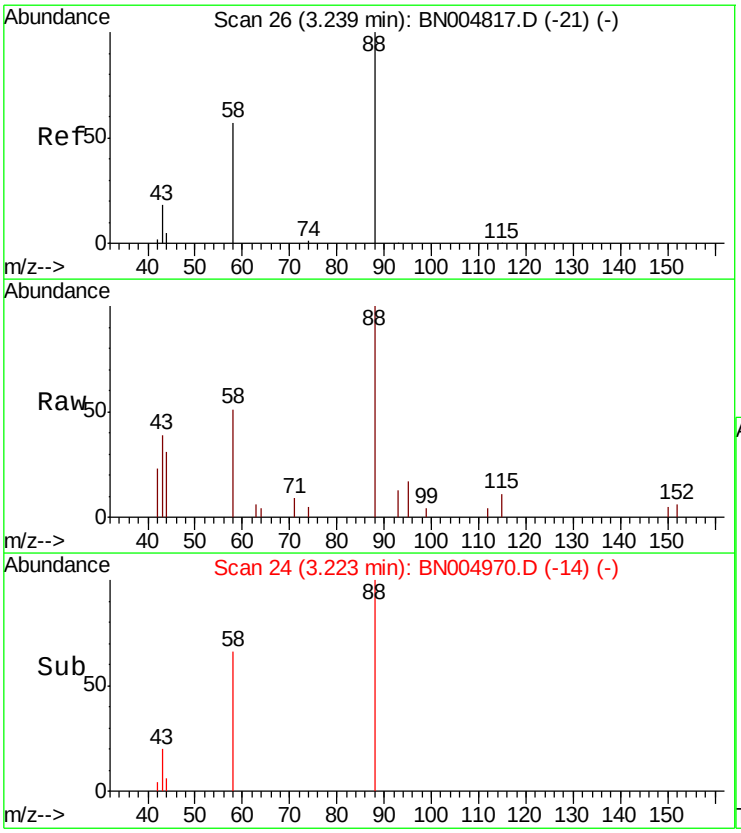

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:152 Resp: 4187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.5 | 126.2 | 189.4 |
| 115 | 60.0 | 52.6 | 79.0 |

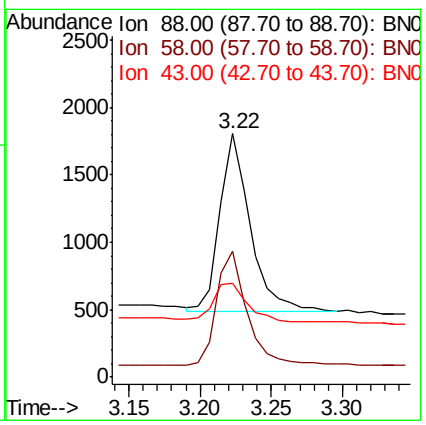


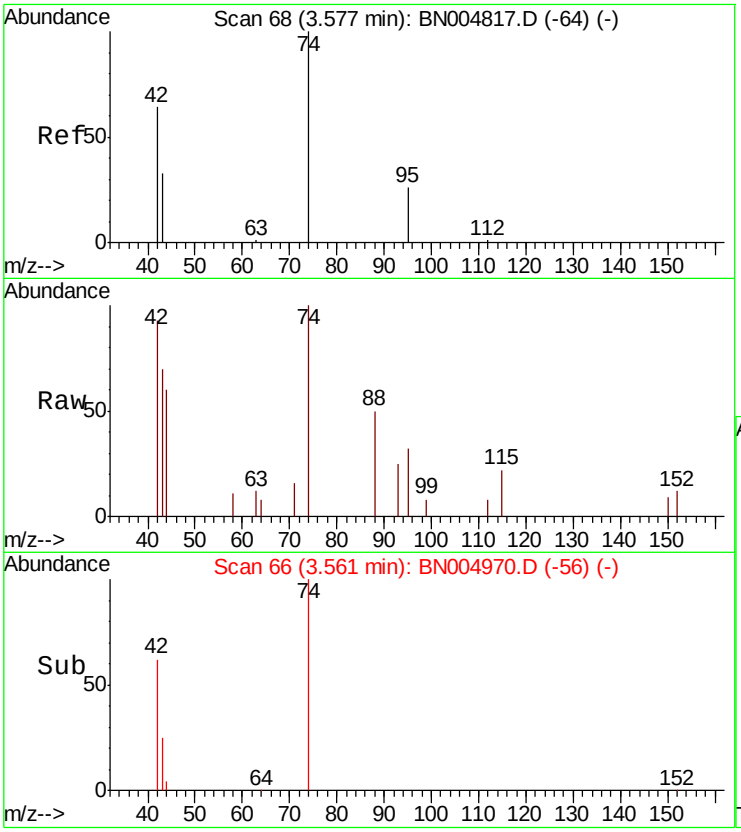




#2
1,4-Dioxane
Concen: 0.408 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.02 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion: 88 Resp: 1943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 66.0 | 51.4 | 77.2 |
| 43 | 26.3 | 20.0 | 30.0 |



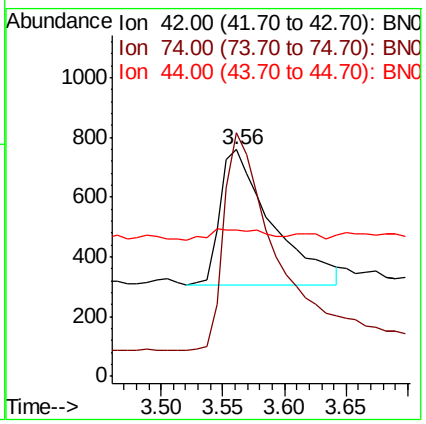


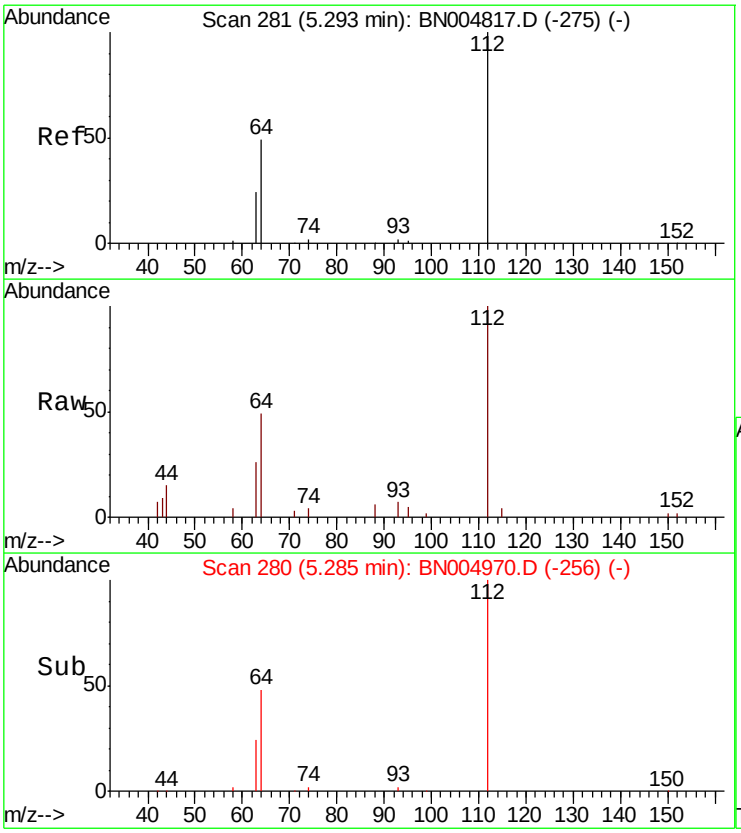

#3
n-Nitrosodimethylamine
Concen: 0.471 ng
RT: 3.56 min Scan# 66
Delta R.T. -0.02 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion: 42 Resp: 1325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 159.6 | 128.4 | 192.6 |
| 44 | 7.9 | 6.1 | 9.1 |

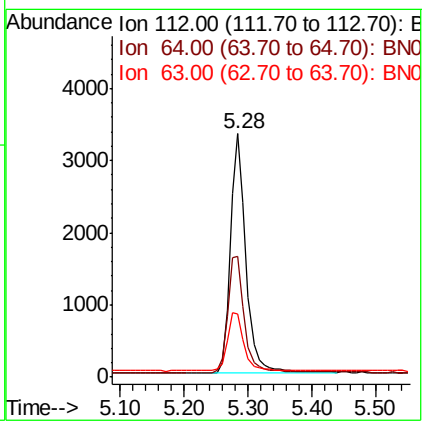


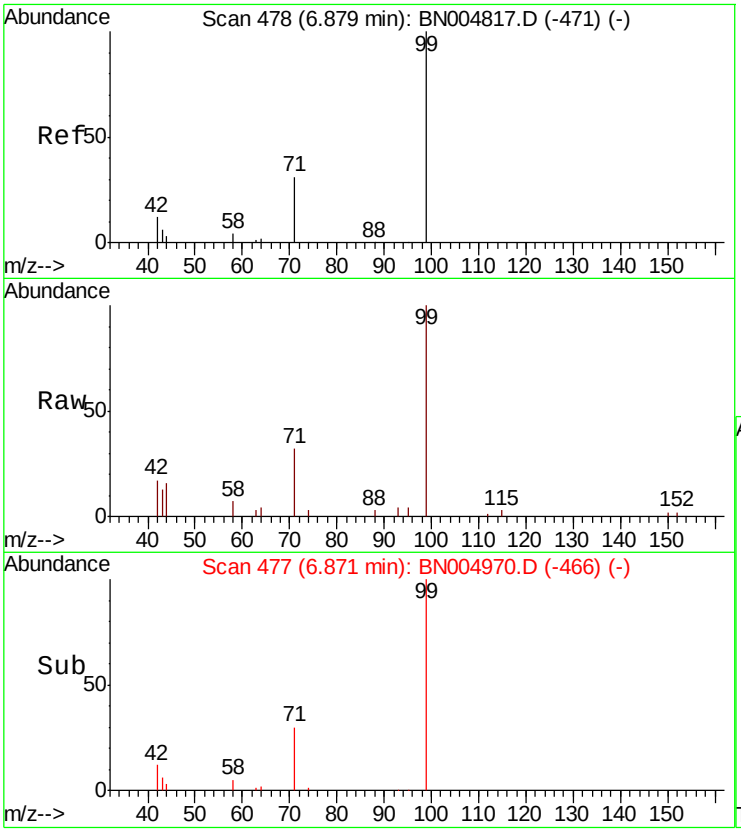




#4
2-Fluorophenol
Concen: 0.481 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:112 Resp: 5475

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.2 | 40.0 | 60.0 |
| 63 | 25.7 | 20.2 | 30.2 |



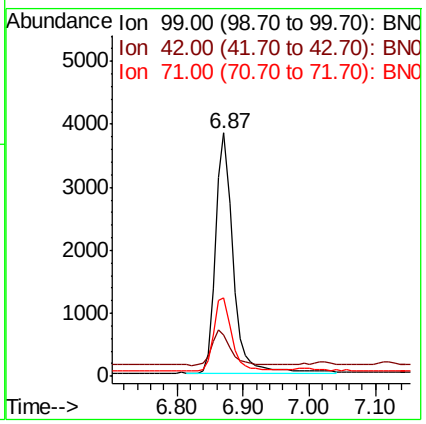


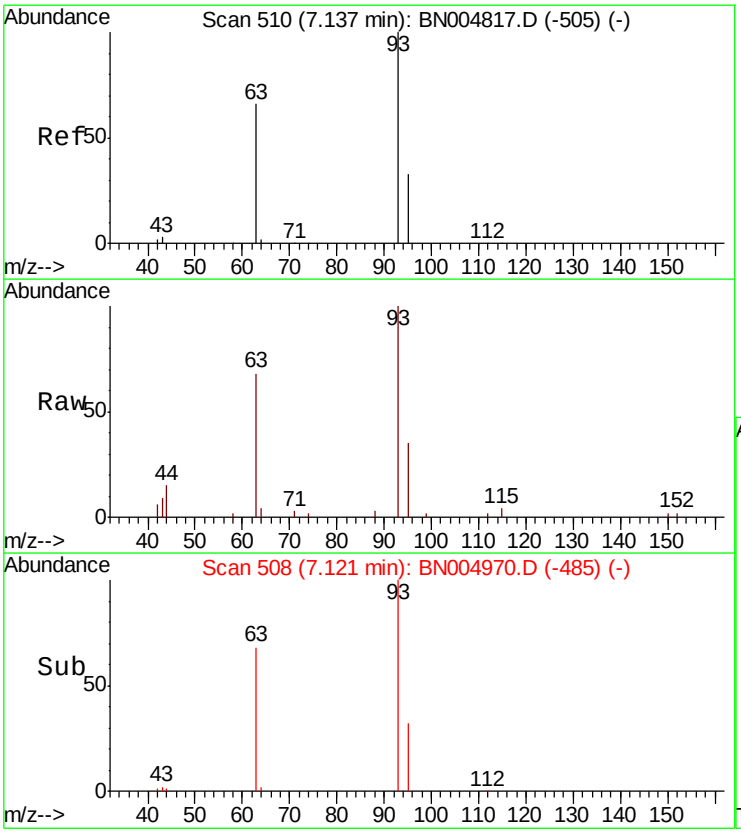

#5
Phenol-d6
Concen: 0.488 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion: 99 Resp: 6909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.4 | 12.7 | 19.1 |
| 71 | 31.0 | 26.6 | 40.0 |

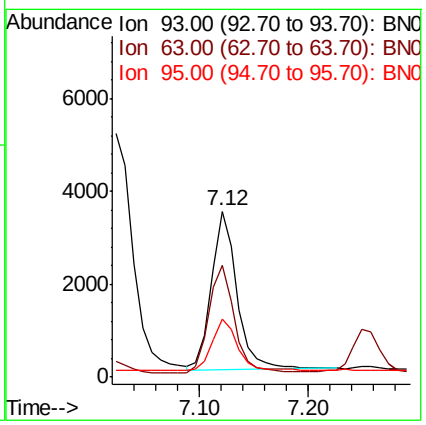


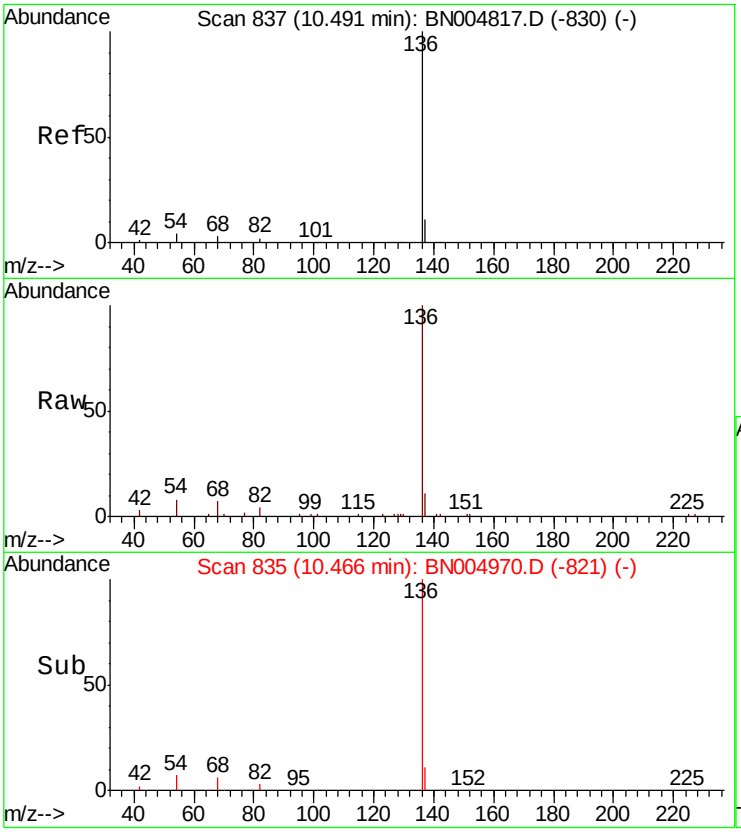




#6
bis(2-Chloroethyl)ether
Concen: 0.434 ng
RT: 7.12 min Scan# 508
Delta R.T. -0.02 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion: 93 Resp: 5552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 68.8 | 52.6 | 78.8 |
| 95 | 33.2 | 25.9 | 38.9 |



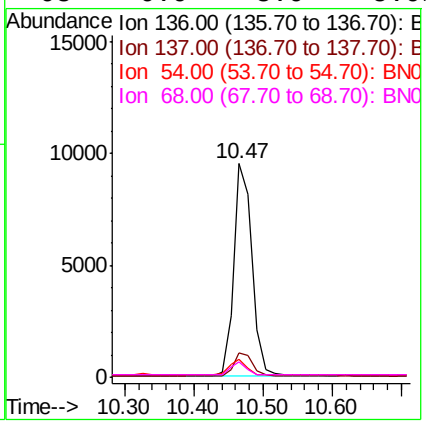


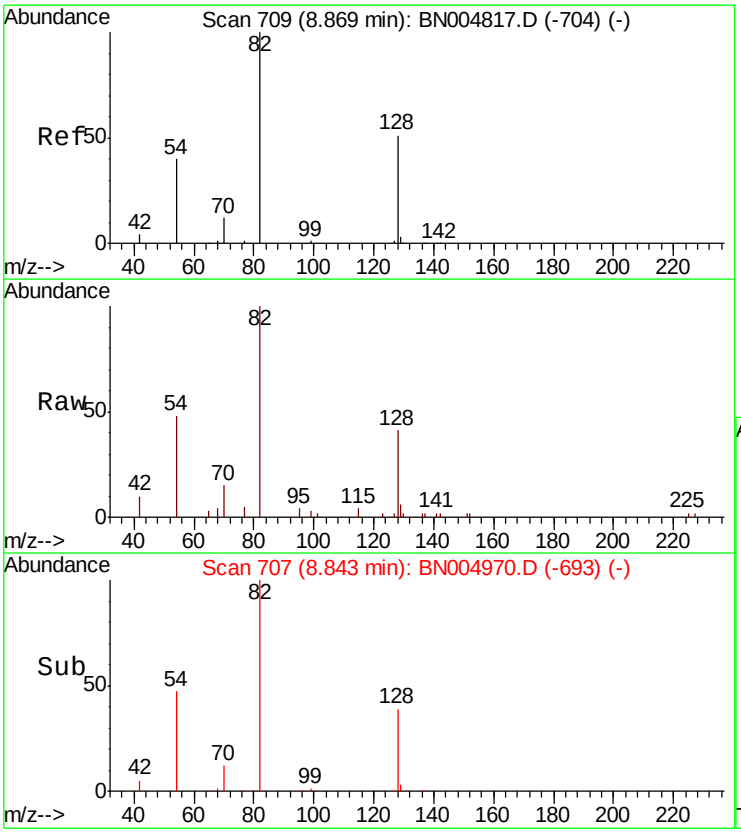

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:136 Resp: 17706

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.6 | 14.4 |
| 54 | 8.3 | 4.2 | 6.2# |
| 68 | 6.9 | 3.9 | 5.9# |

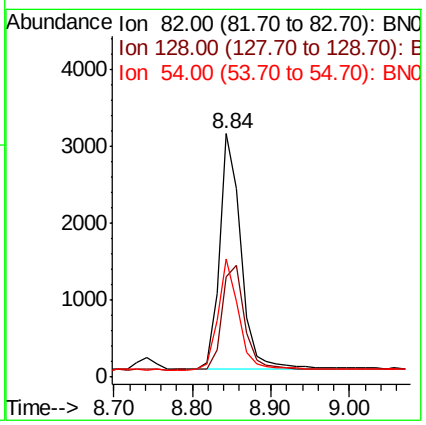


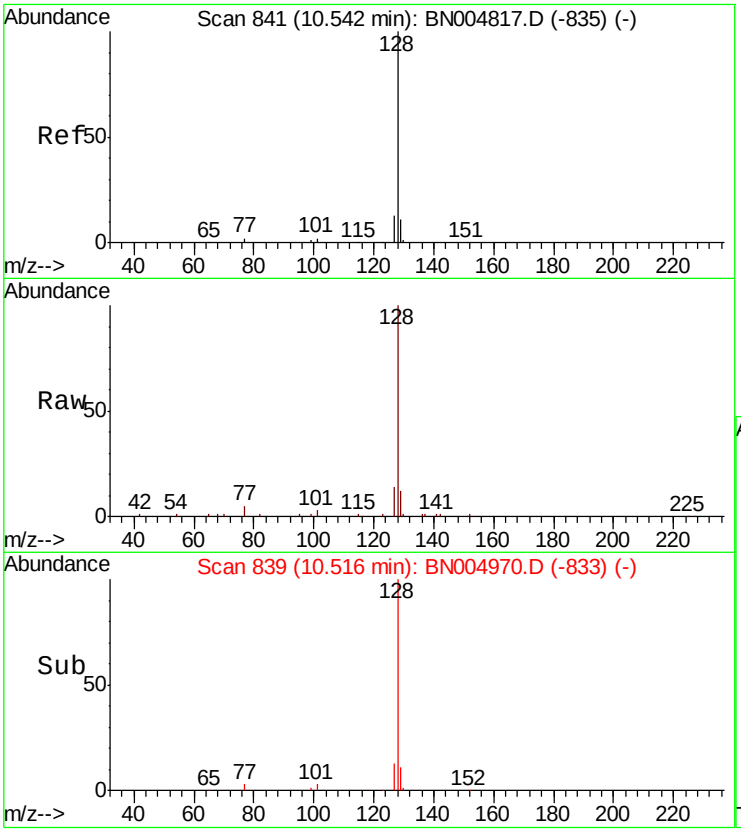




#8
Nitrobenzene-d5
Concen: 0.502 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion: 82 Resp: 5876

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.0 | 43.0 | 64.6# |
| 54 | 48.5 | 35.3 | 52.9 |



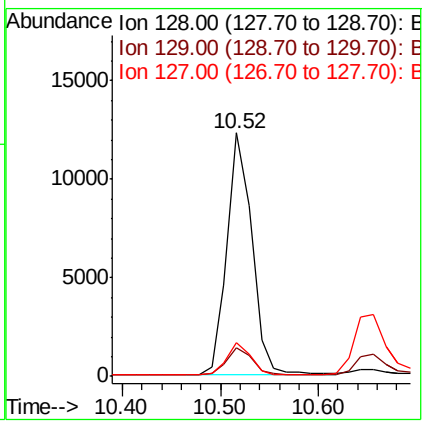


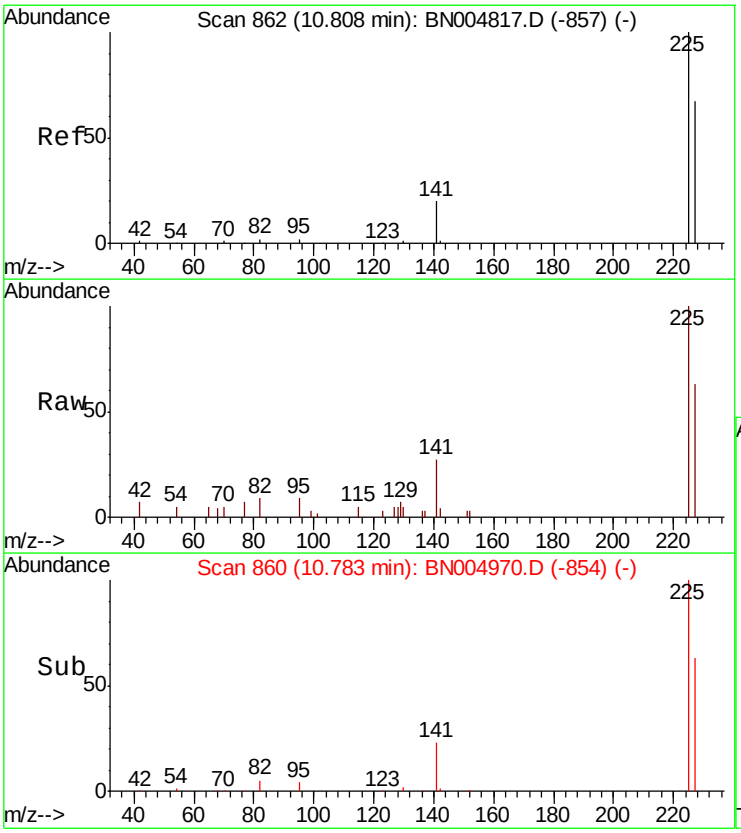

#9
Naphthalene
Concen: 0.432 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:128 Resp: 21428

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.5 | 9.9 | 14.9 |
| 127 | 13.7 | 11.3 | 16.9 |

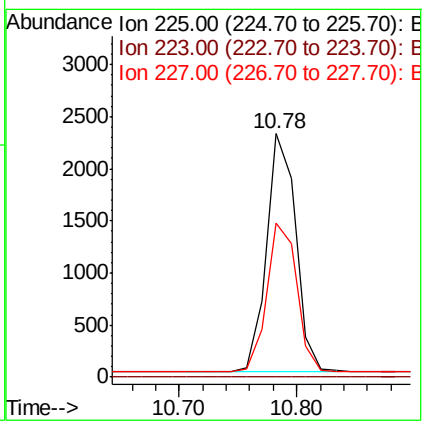


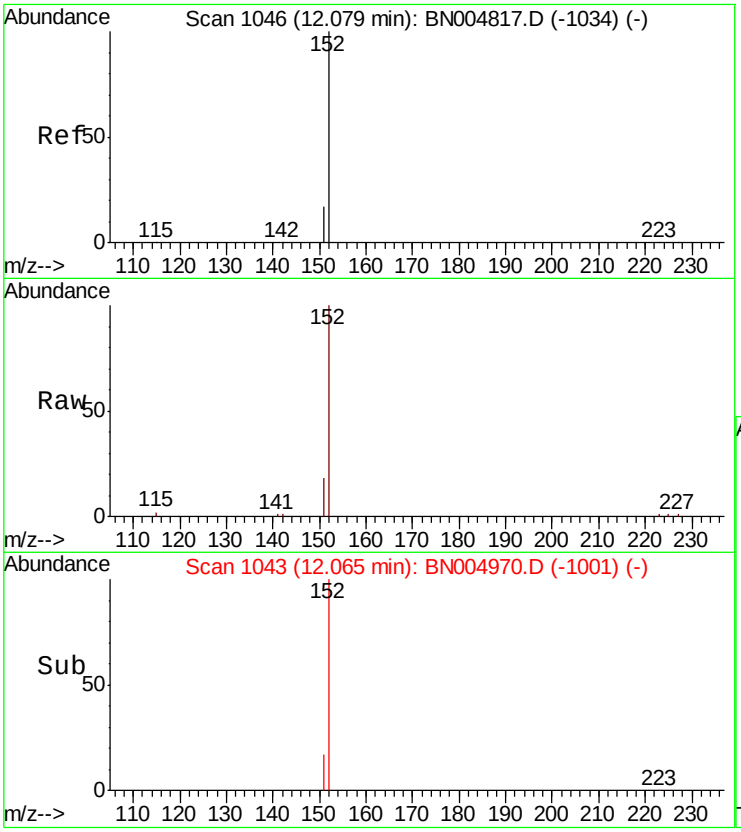




#10
Hexachlorobutadiene
Concen: 0.422 ng
RT: 10.78 min Scan# 860
Delta R.T. -0.03 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:225 Resp: 4001

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 64.1 | 52.2 | 78.4 |



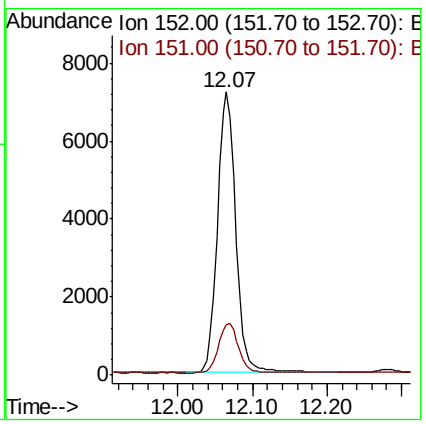


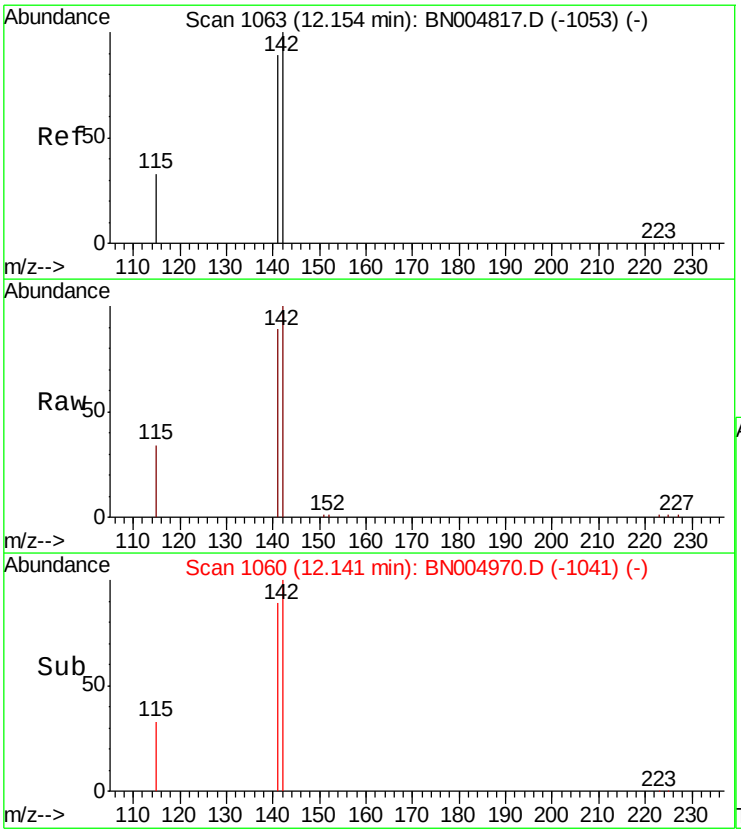

#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:152 Resp: 12238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.2 | 15.5 | 23.3 |

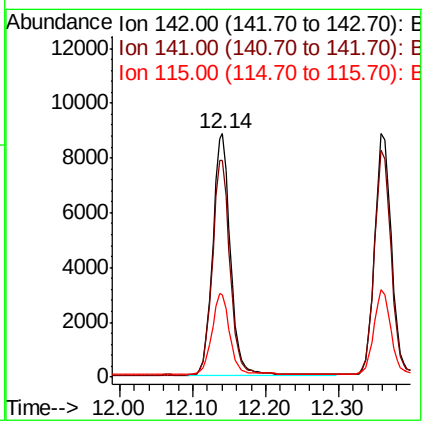


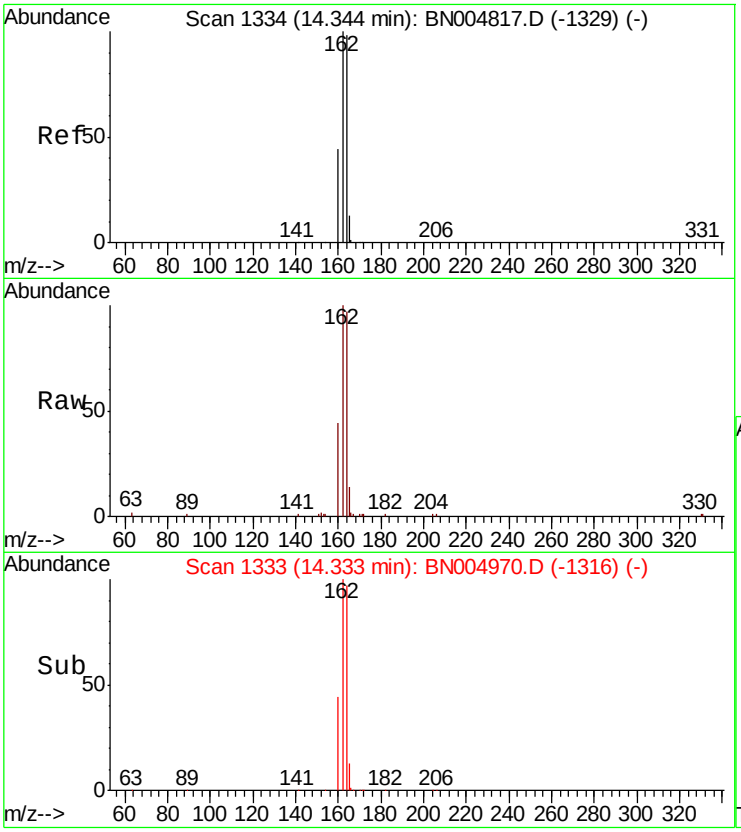




#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 12.14 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:142 Resp: 14699

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 88.8 | 71.4 | 107.2 |
| 115 | 33.6 | 27.5 | 41.3 |



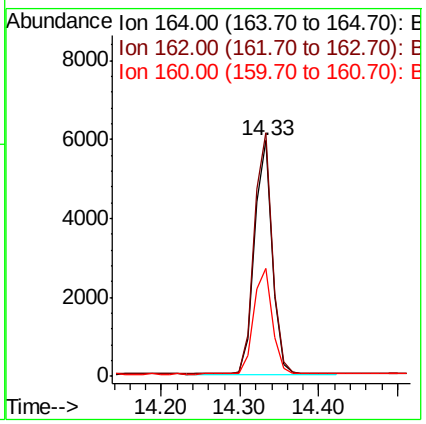


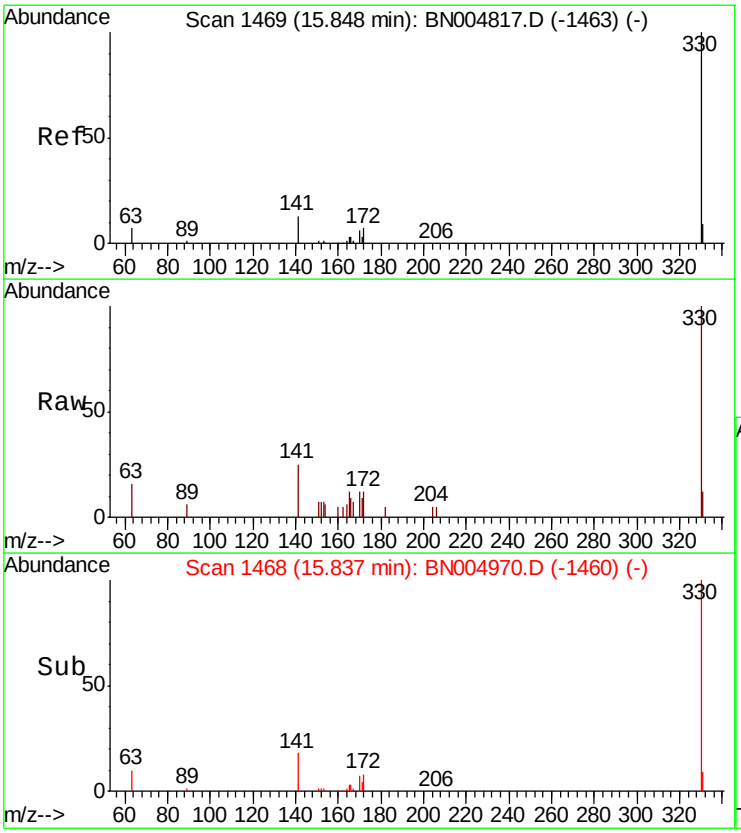

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:164 Resp: 9047

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.4 | 81.9 | 122.9 |
| 160 | 45.7 | 36.6 | 54.8 |

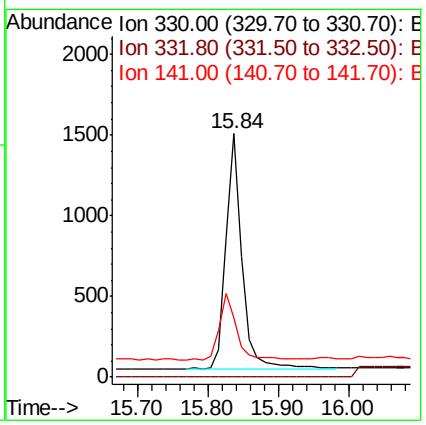


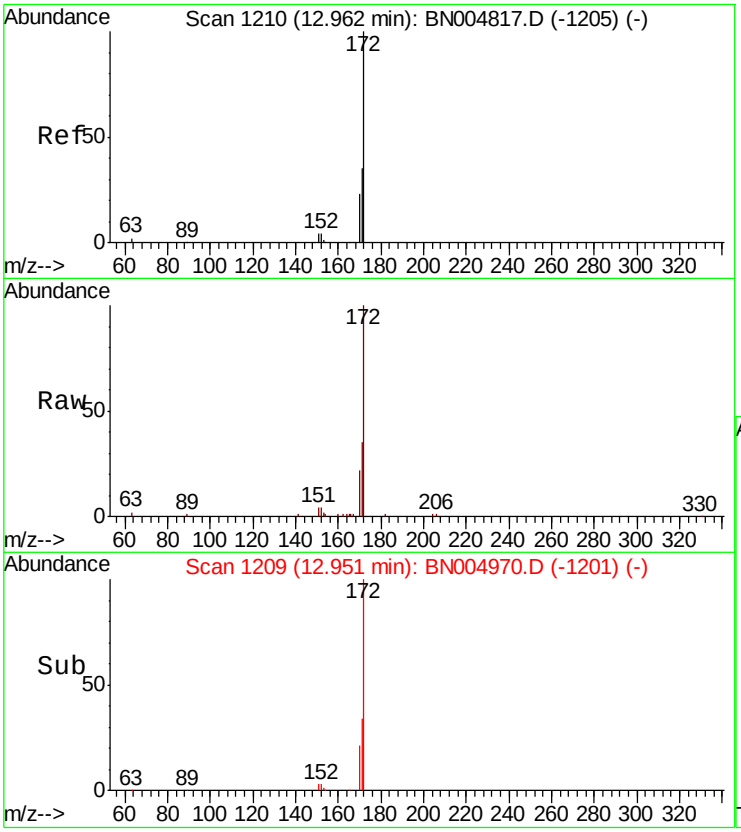




#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:330 Resp: 2335

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 30.3 | 20.9 | 31.3 |



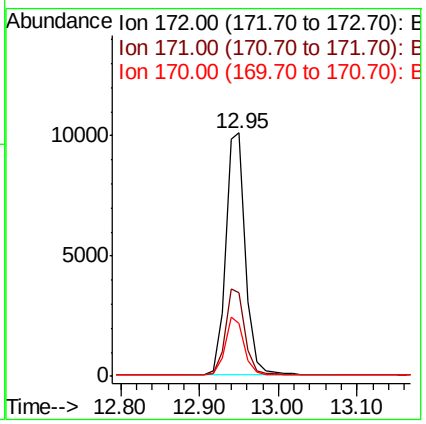


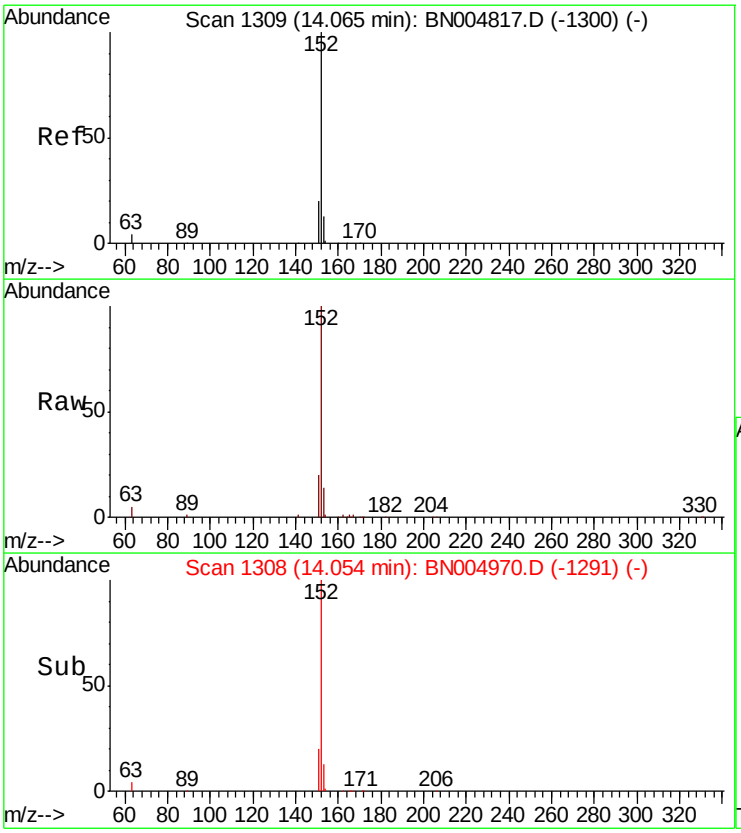

#15
2-Fluorobiphenyl
Concen: 0.479 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:172 Resp: 17922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.5 | 28.7 | 43.1 |
| 170 | 22.0 | 18.7 | 28.1 |

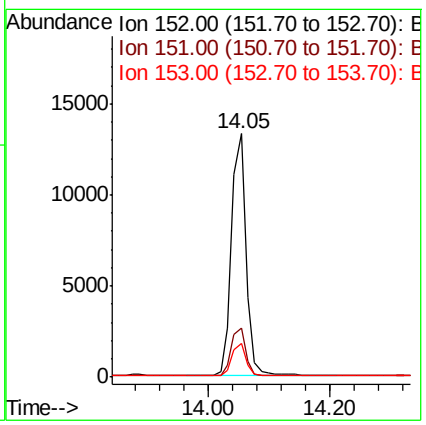


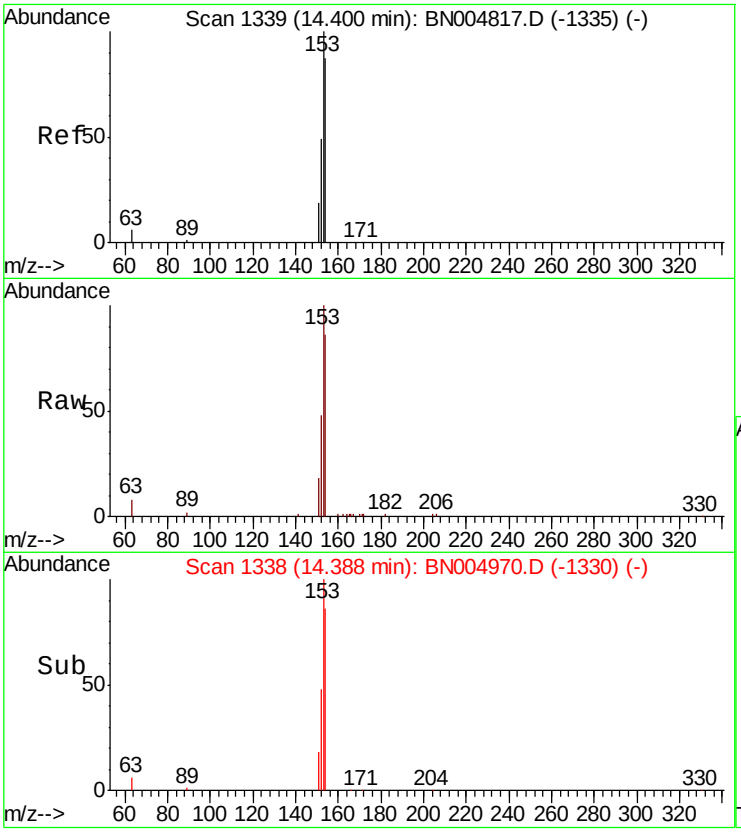




#16
Acenaphthylene
Concen: 0.472 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:152 Resp: 21991

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.9 | 16.1 | 24.1 |
| 153 | 13.1 | 10.5 | 15.7 |



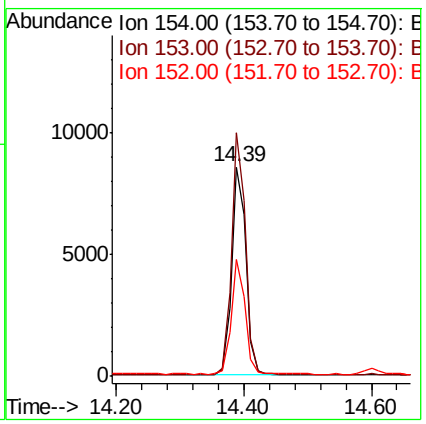


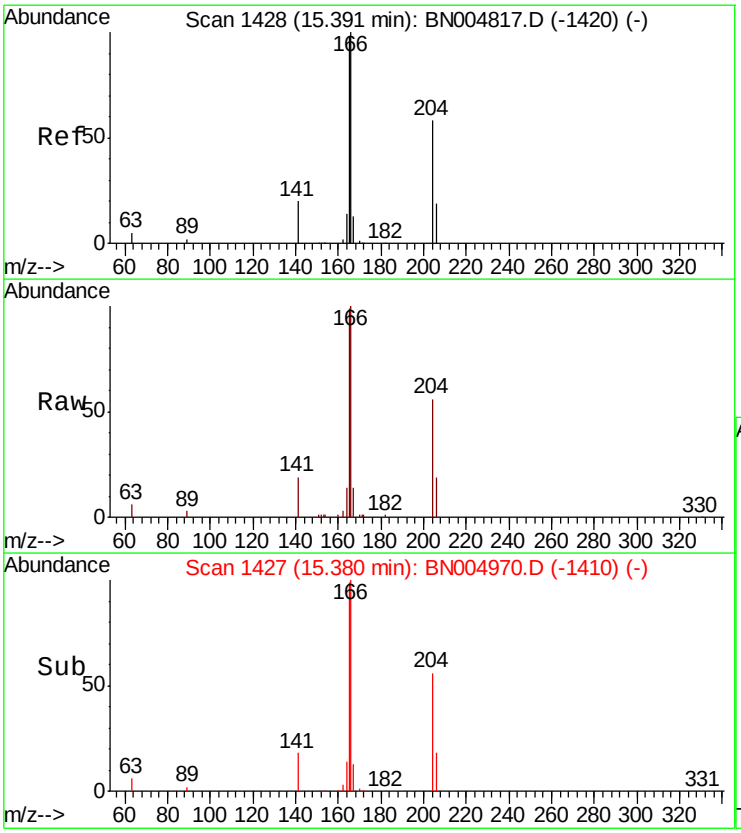

#17
Acenaphthene
Concen: 0.434 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:154 Resp: 13232

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 113.7 | 91.4 | 137.2 |
| 152 | 53.7 | 44.2 | 66.2 |

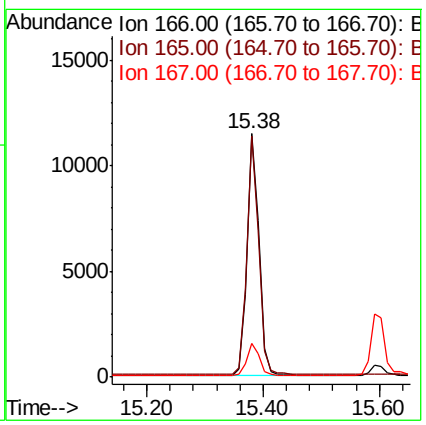


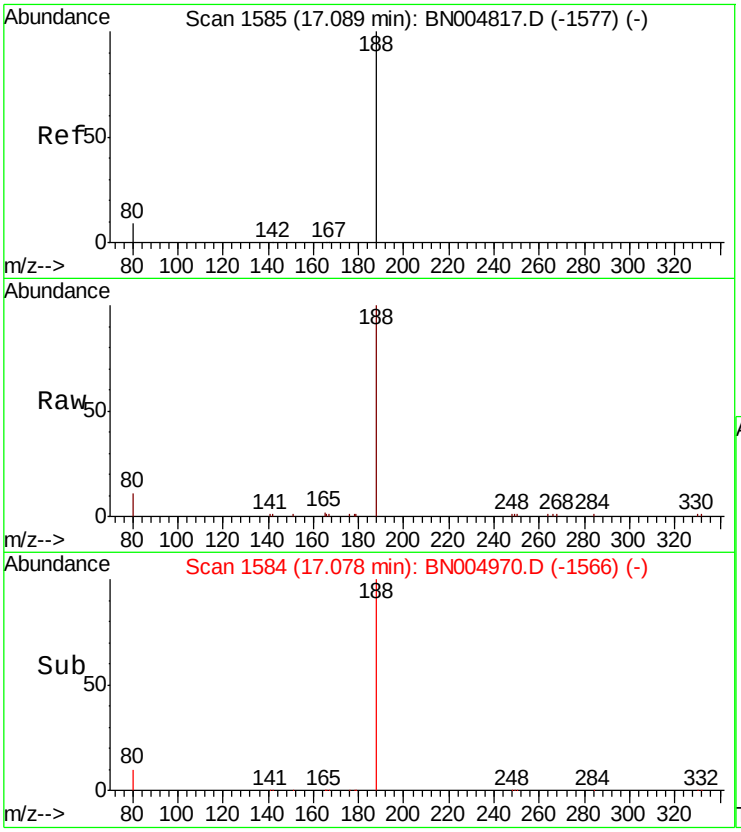




#18
Fluorene
Concen: 0.388 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:166 Resp: 16539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 98.2 | 78.2 | 117.4 |
| 167 | 13.5 | 11.0 | 16.4 |



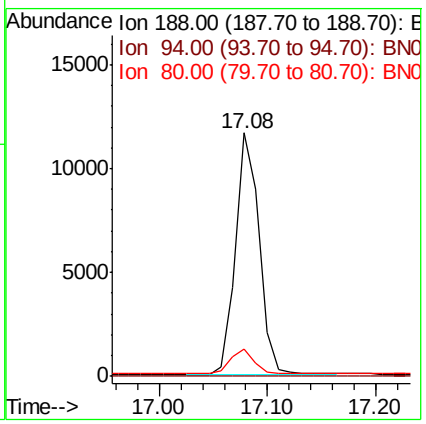


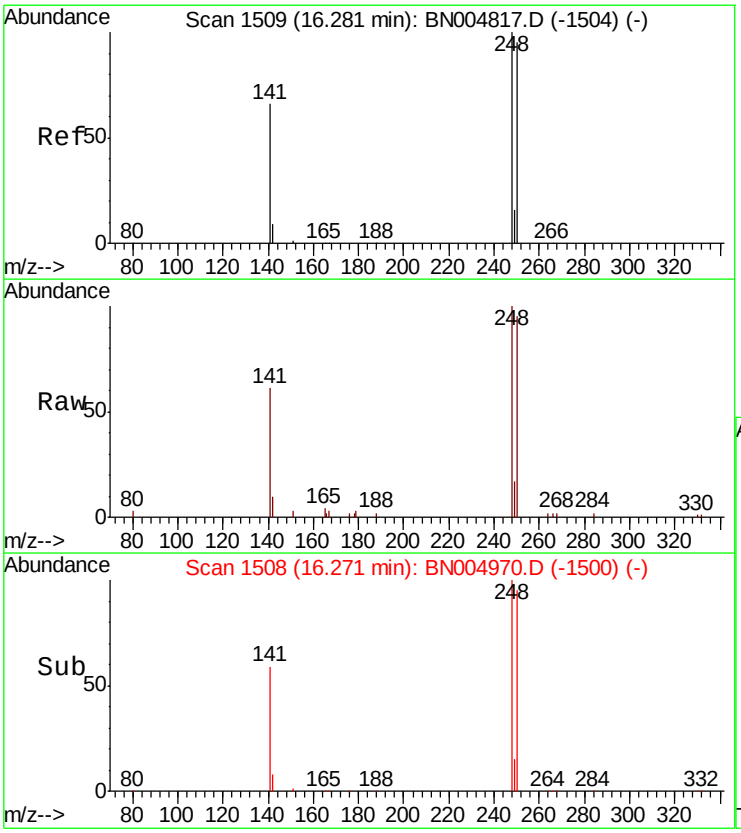

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:188 Resp: 17674

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.4 | 7.4 | 11.2# |

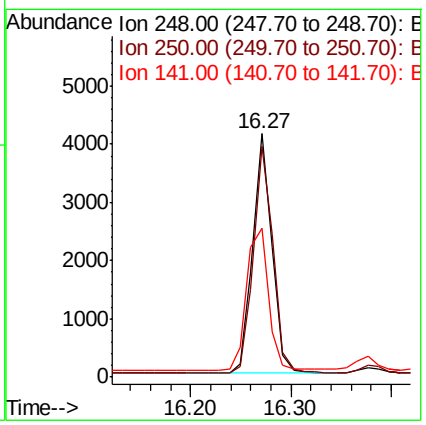


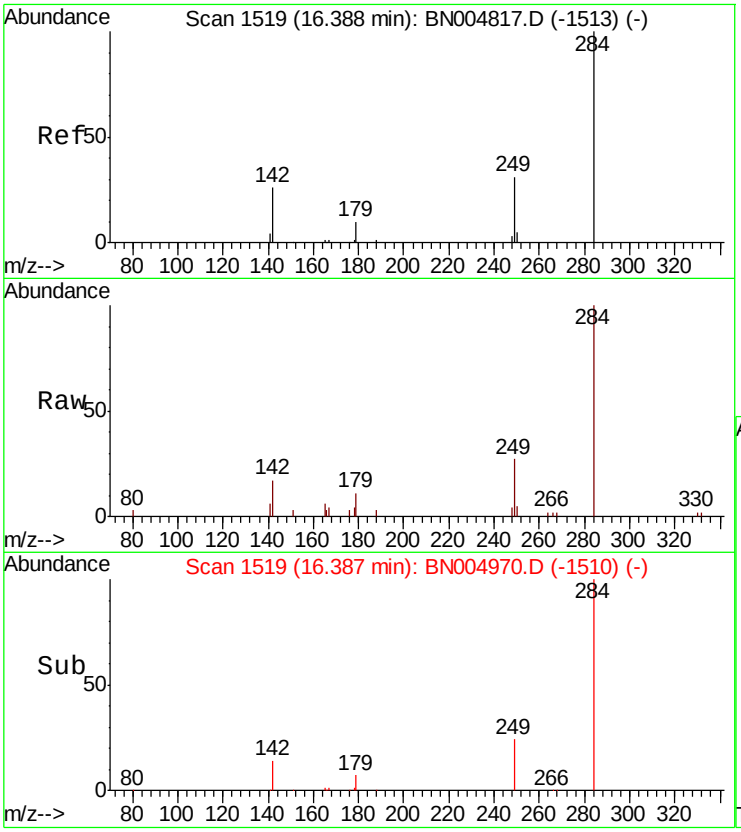




#20
4-Bromophenyl-phenylether
Concen: 0.478 ng
RT: 16.27 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:248 Resp: 5523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 94.9 | 76.2 | 114.4 |
| 141 | 61.2 | 53.9 | 80.9 |



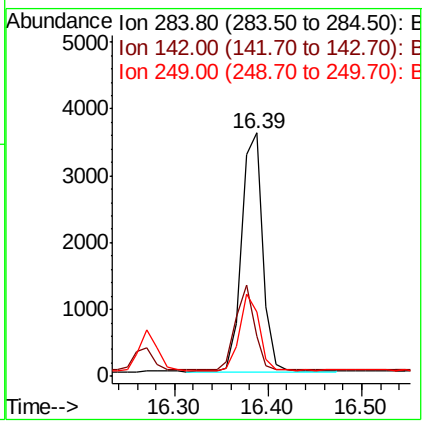


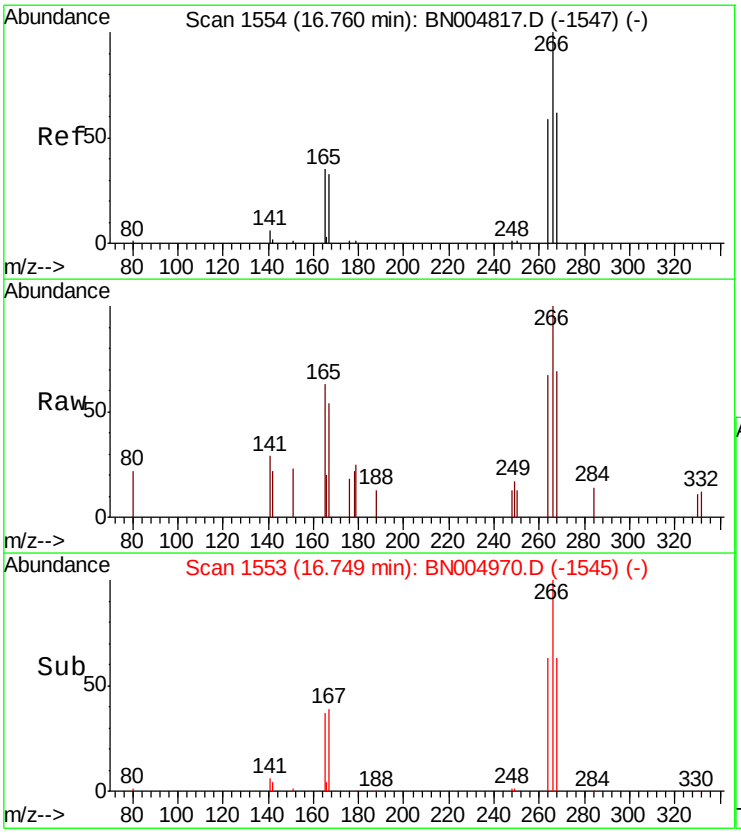

#21
Hexachlorobenzene
Concen: 0.420 ng
RT: 16.39 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:284 Resp: 5556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 32.1 | 22.6 | 34.0 |
| 249 | 29.7 | 22.5 | 33.7 |

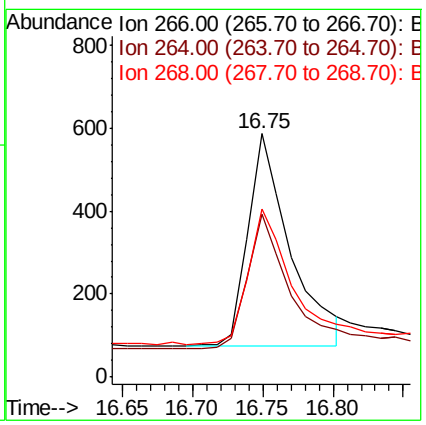


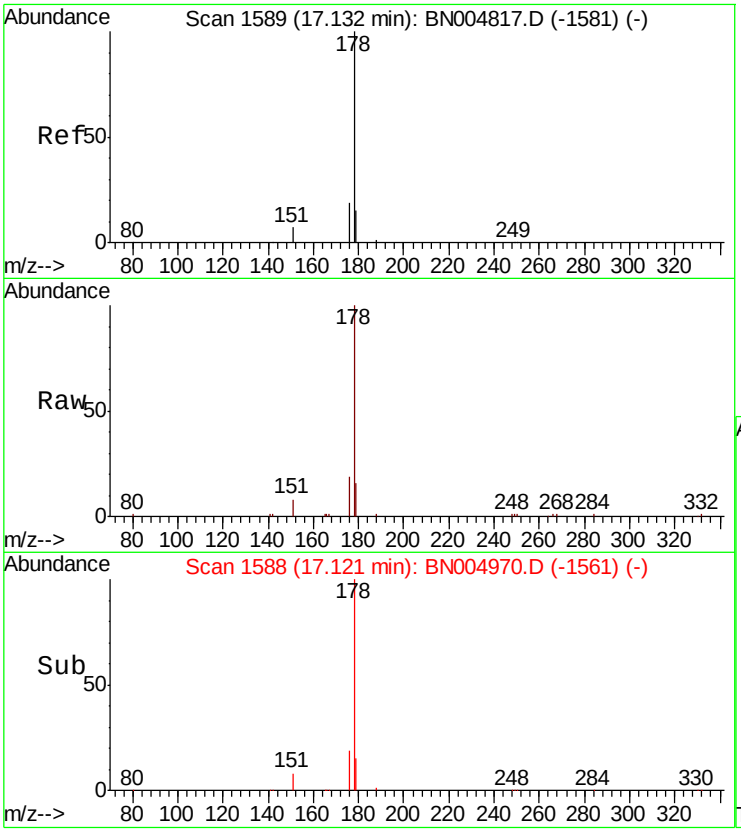




#22
Pentachlorophenol
Concen: 0.415 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:266 Resp: 1072

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 67.1 | 53.1 | 79.7 |
| 268 | 69.2 | 57.7 | 86.5 |



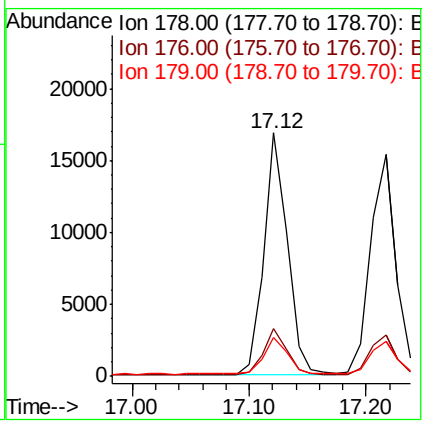


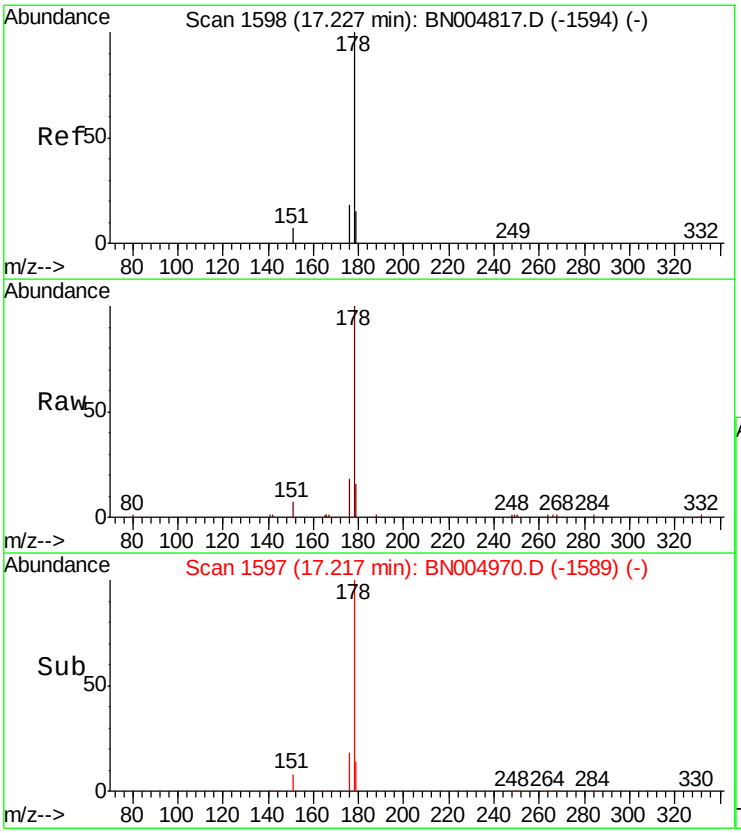

#23
Phenanthrene
Concen: 0.412 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:178 Resp: 23488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.0 | 14.9 | 22.3 |
| 179 | 15.7 | 12.1 | 18.1 |

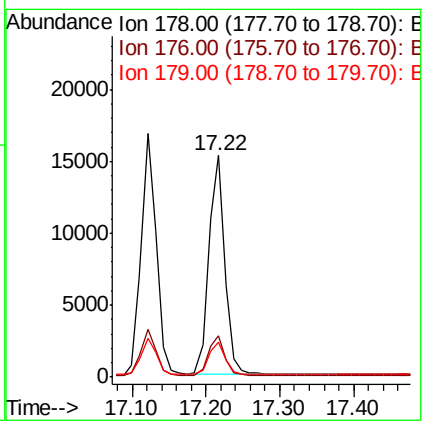


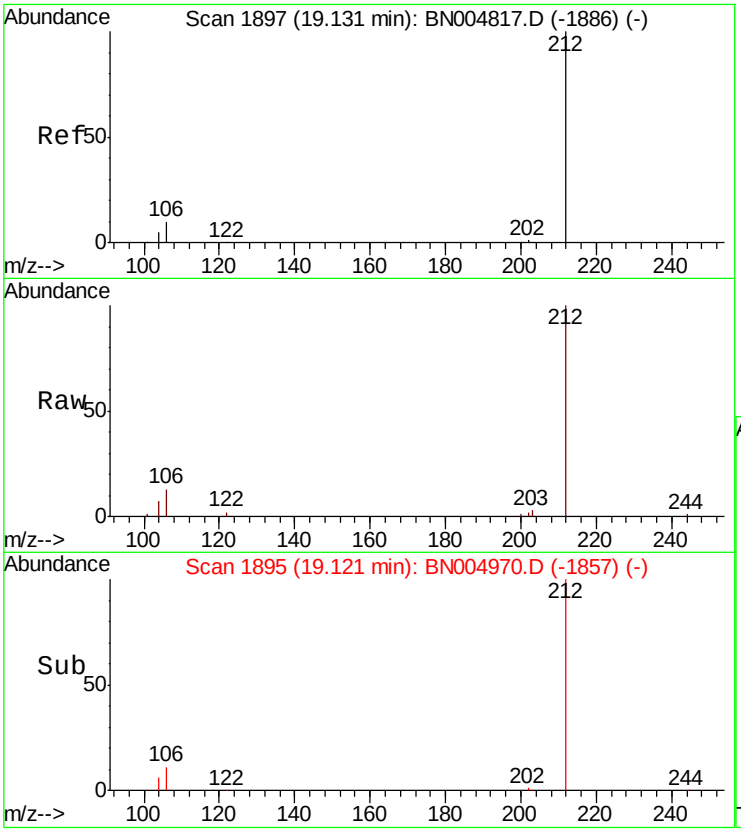




#24
Anthracene
Concen: 0.455 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:178 Resp: 23172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.5 | 21.7 |
| 179 | 15.3 | 12.2 | 18.4 |



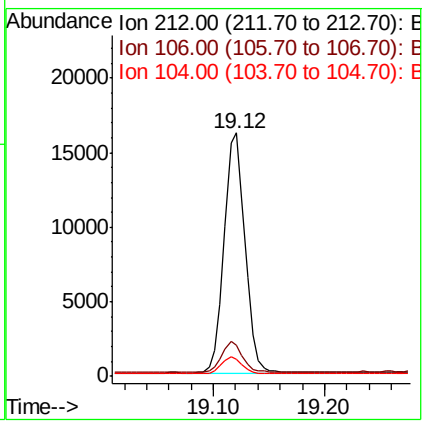


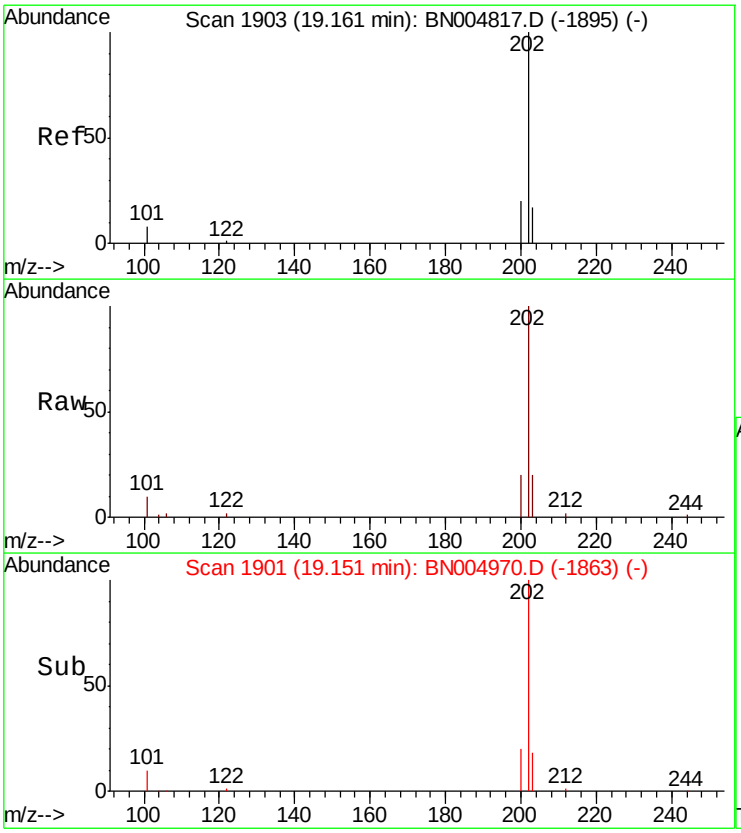

#25
Fluoranthene-d10
Concen: 0.355 ng
RT: 19.12 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:212 Resp: 20998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 12.5 | 8.6 | 13.0 |
| 104 | 7.1 | 4.7 | 7.1# |

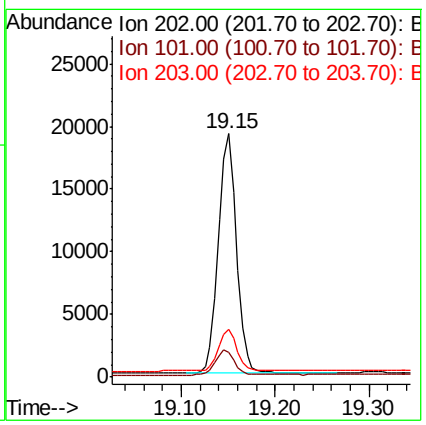


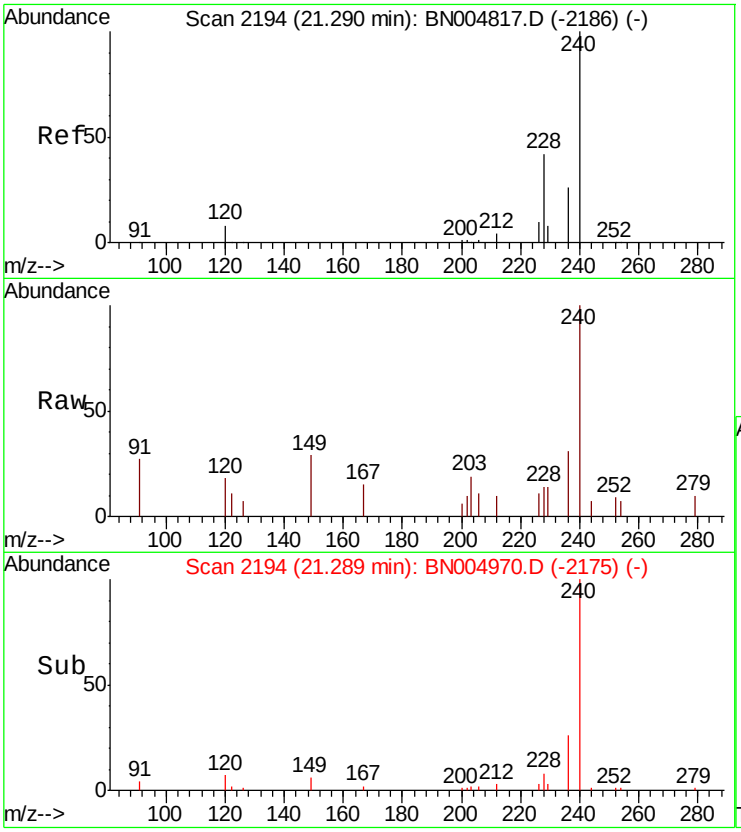




#26
Fluoranthene
Concen: 0.352 ng
RT: 19.15 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:202 Resp: 25834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 11.4 | 7.5 | 11.3# |
| 203 | 17.4 | 13.8 | 20.6 |



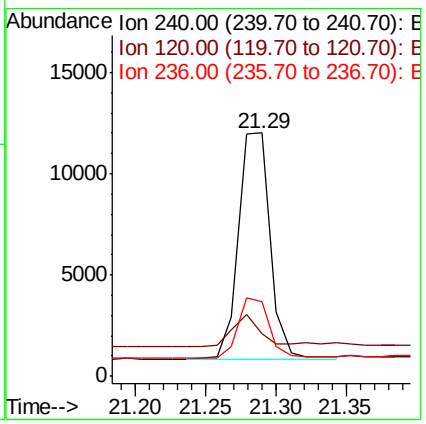


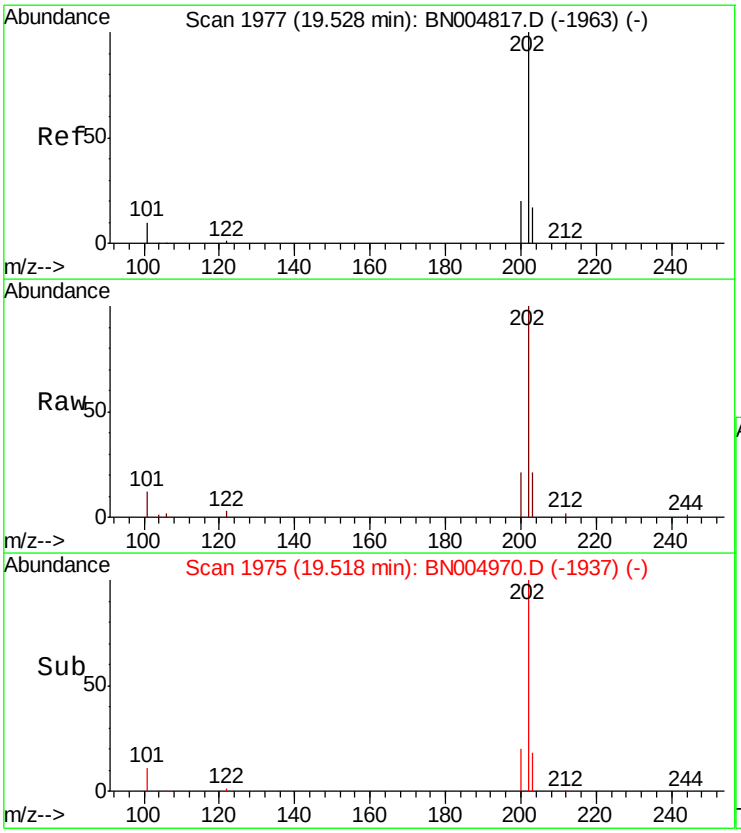

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:240 Resp: 17416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 17.6 | 7.2 | 10.8# |
| 236 | 30.8 | 20.9 | 31.3 |

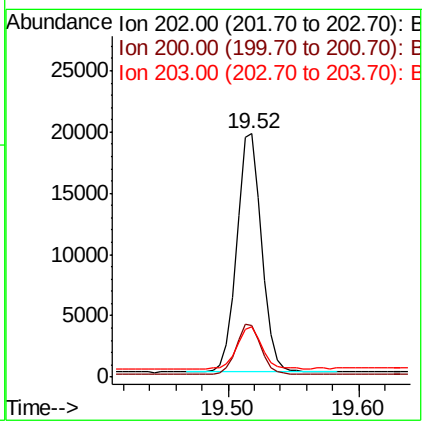


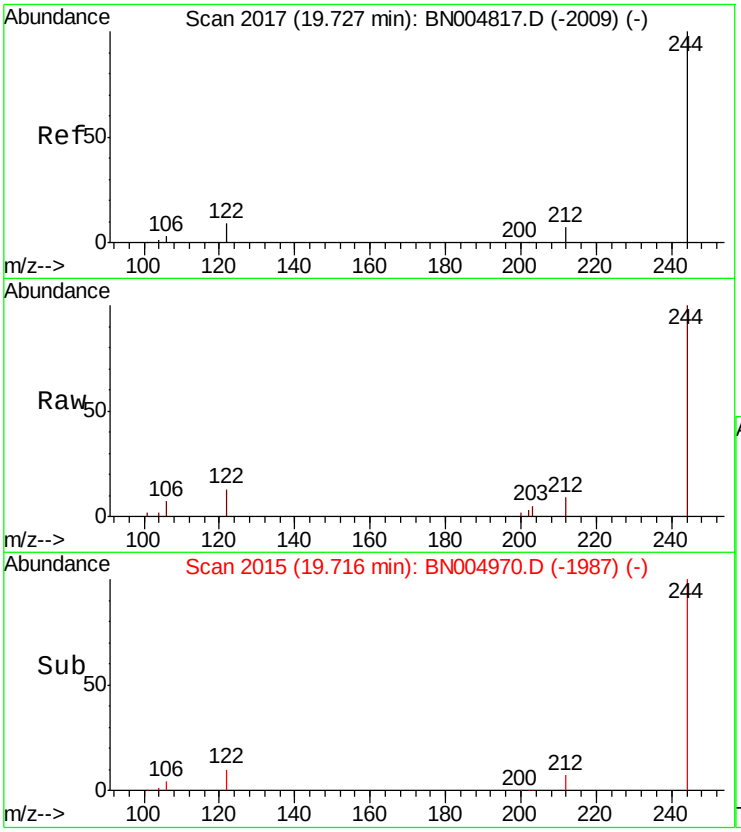




#28
Pyrene
Concen: 0.490 ng
RT: 19.52 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:202 Resp: 26034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.3 | 24.5 |
| 203 | 18.3 | 14.0 | 21.0 |



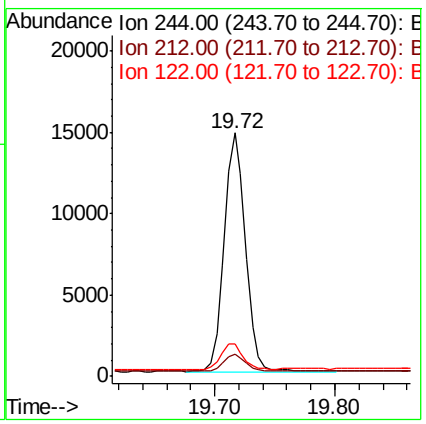


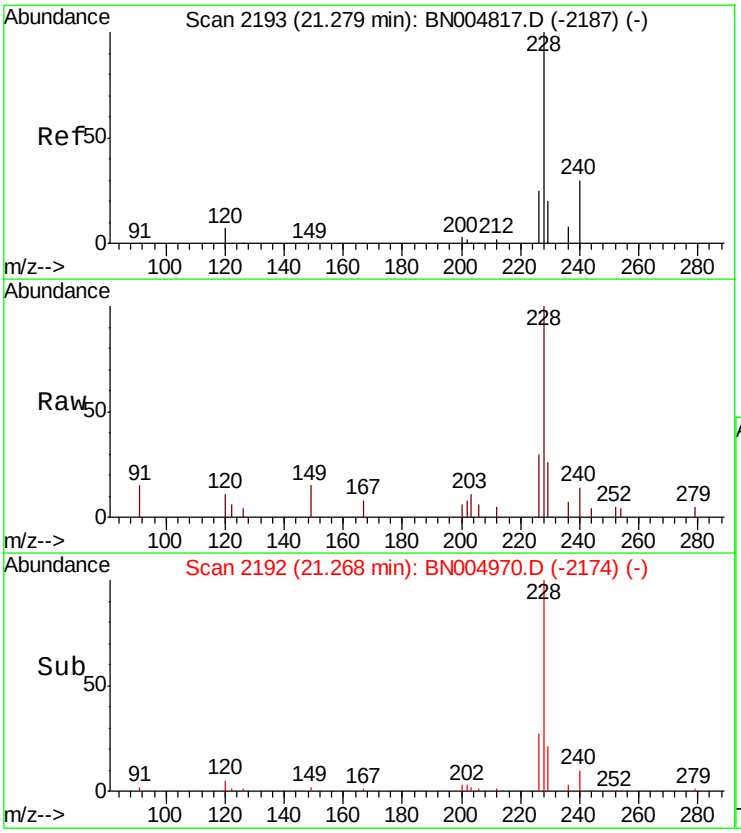

#29
Terphenyl-d14
Concen: 0.505 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:244 Resp: 18012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.9 | 5.8 | 8.6# |
| 122 | 13.1 | 7.9 | 11.9# |

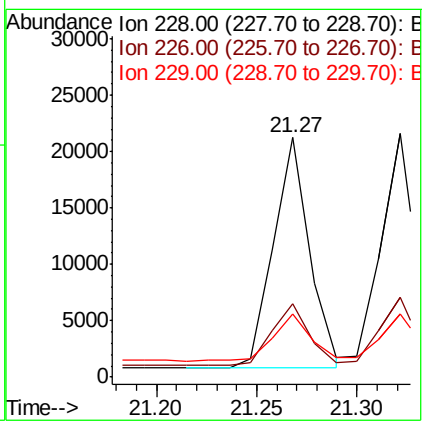


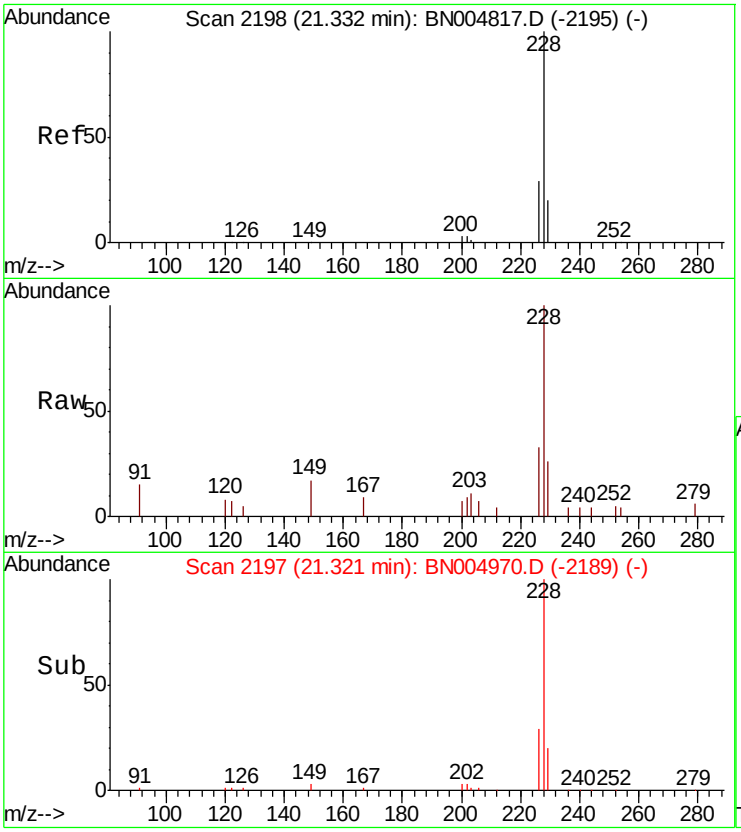




#30
Benzo(a)anthracene
Concen: 0.447 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:228 Resp: 25535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.5 | 20.6 | 31.0 |
| 229 | 26.1 | 16.2 | 24.4# |



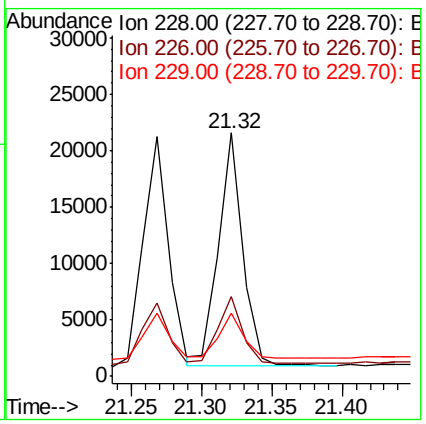


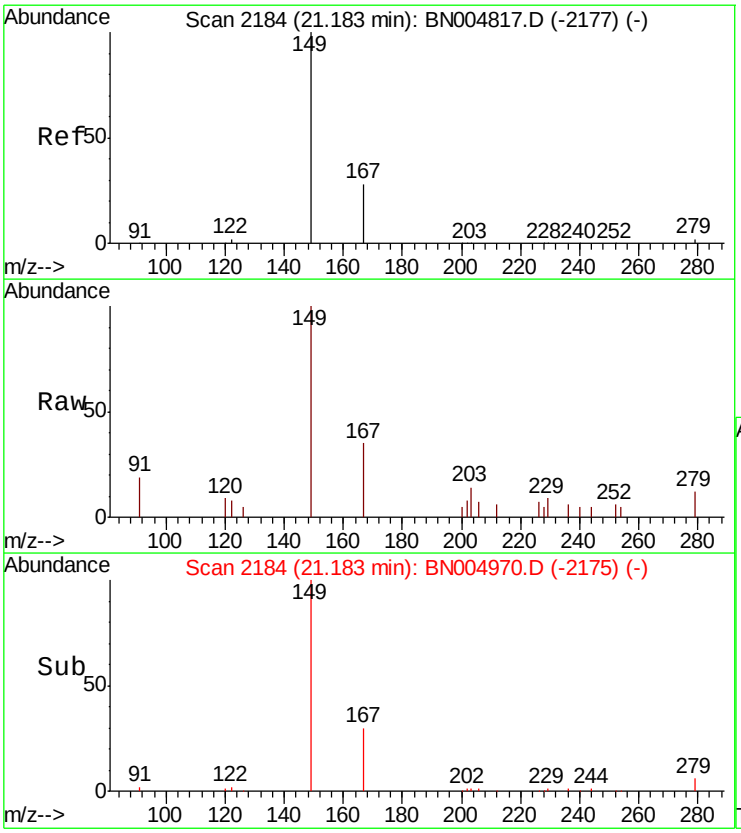

#31
Chrysene
Concen: 0.411 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:228 Resp: 24728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.8 | 23.0 | 34.6 |
| 229 | 25.9 | 16.2 | 24.2# |

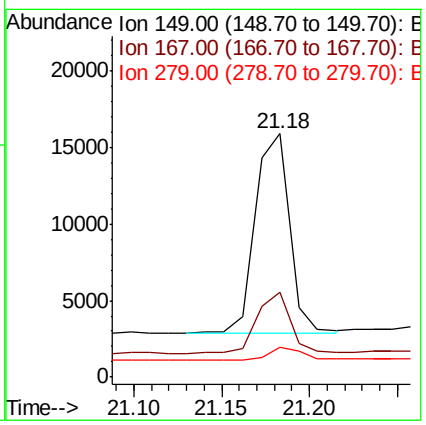


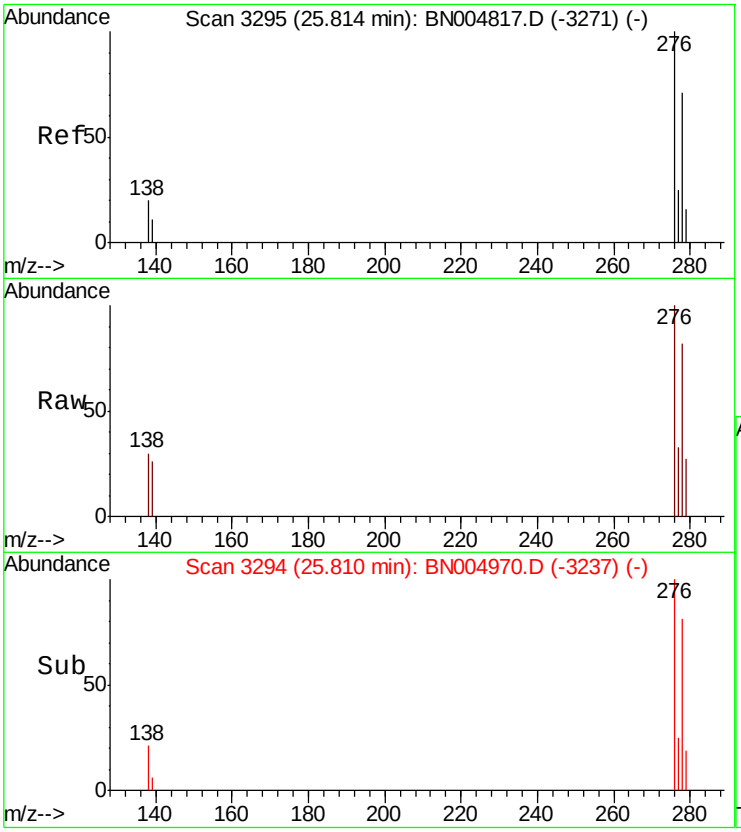




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.784 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:149 Resp: 17886

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 30.1 | 23.0 | 34.4 |
| 279 | 7.6 | 4.6 | 6.8# |



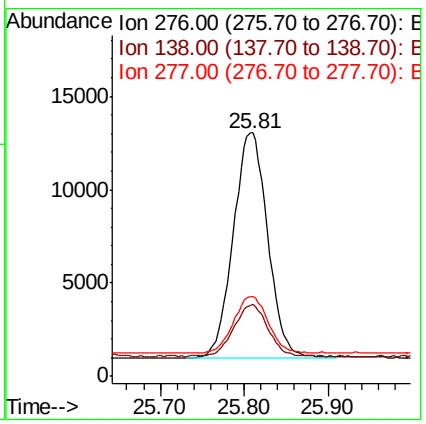


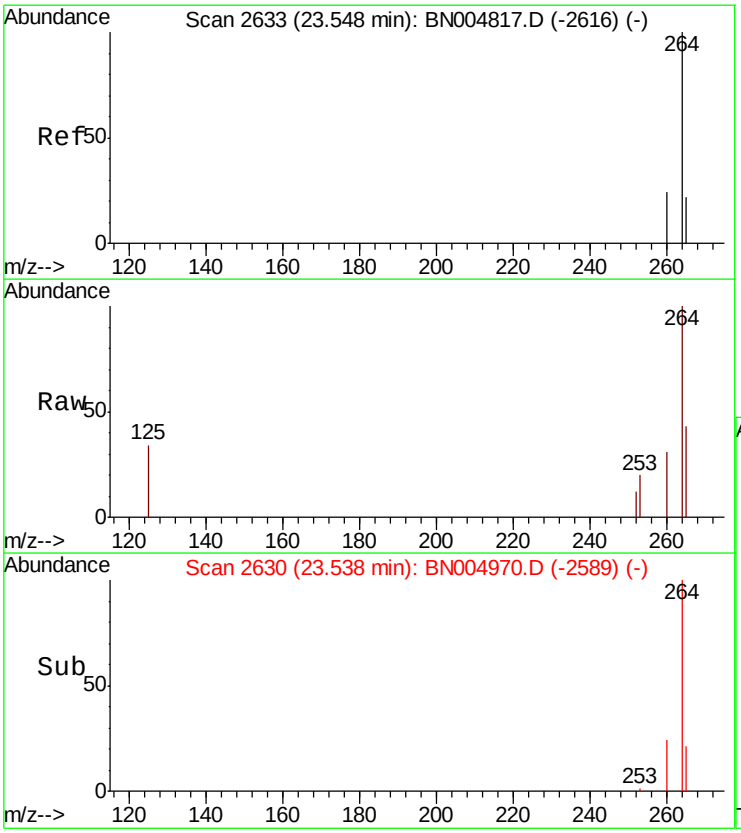

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 25.81 min Scan# 3294
Delta R.T. -0.00 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:276 Resp: 34519

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 22.5 | 16.6 | 24.8 |
| 277 | 24.8 | 20.3 | 30.5 |

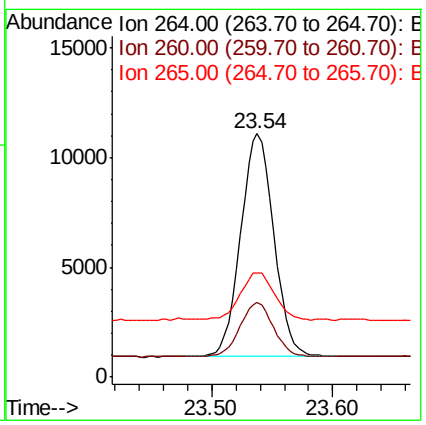


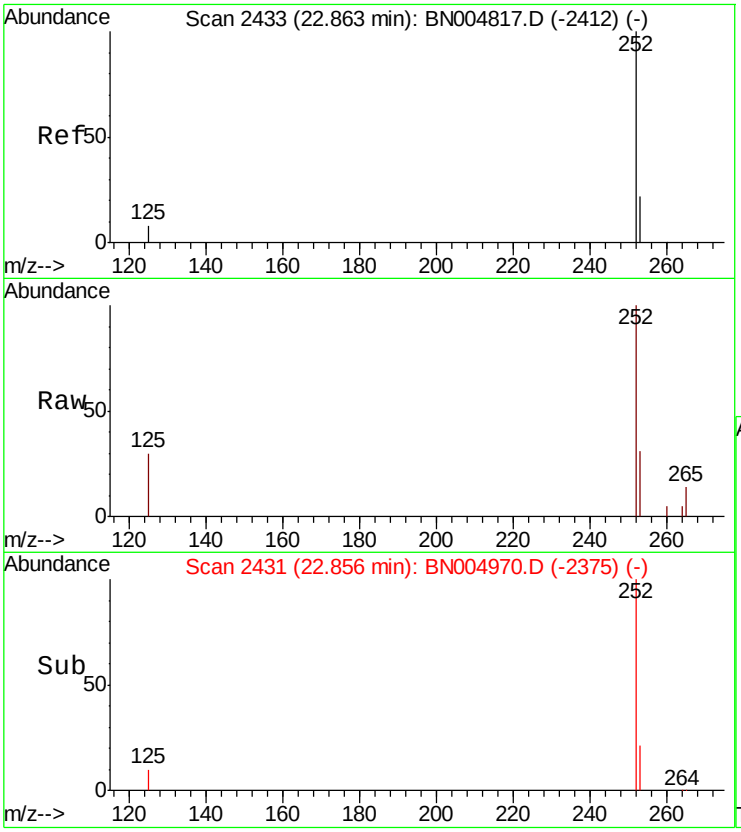




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:264 Resp: 19273

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 30.8 | 19.5 | 29.3# |
| 265 | 42.5 | 23.1 | 34.7# |



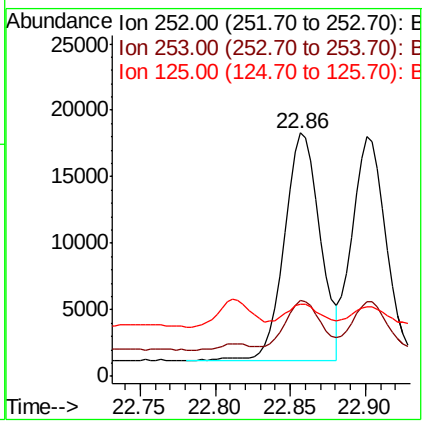


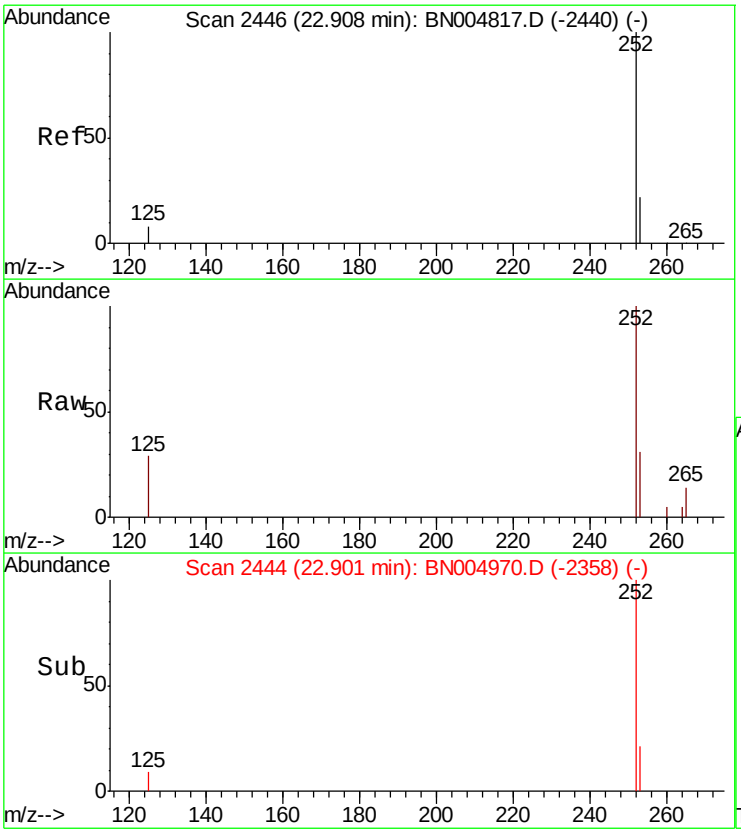

#35
Benzo(b)fluoranthene
Concen: 0.409 ng
RT: 22.86 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:252 Resp: 28512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.9 | 19.0 | 28.4# |
| 125 | 29.8 | 7.4 | 11.2# |

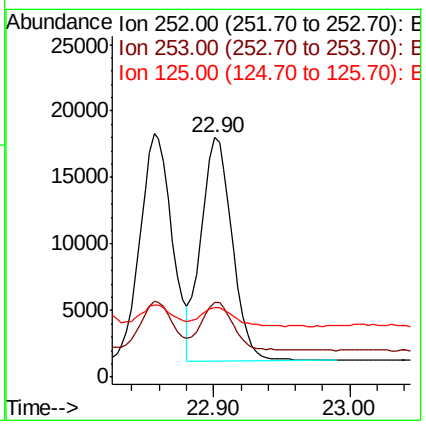


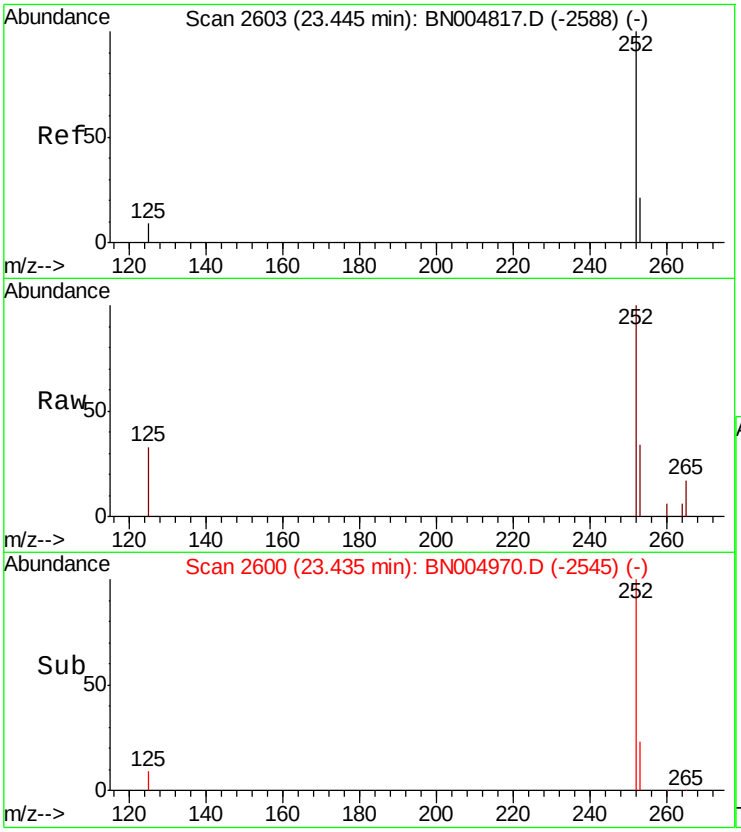




#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 22.90 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:252 Resp: 26616

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 31.3 | 19.3 | 28.9# |
| 125 | 29.2 | 7.4 | 11.0# |



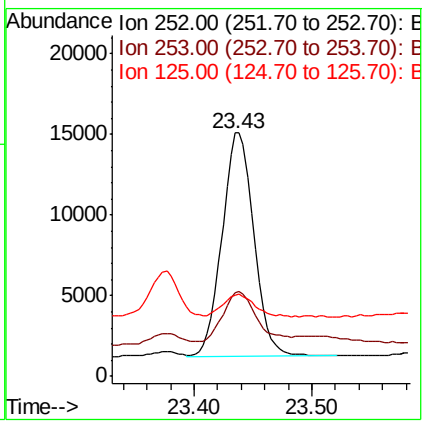


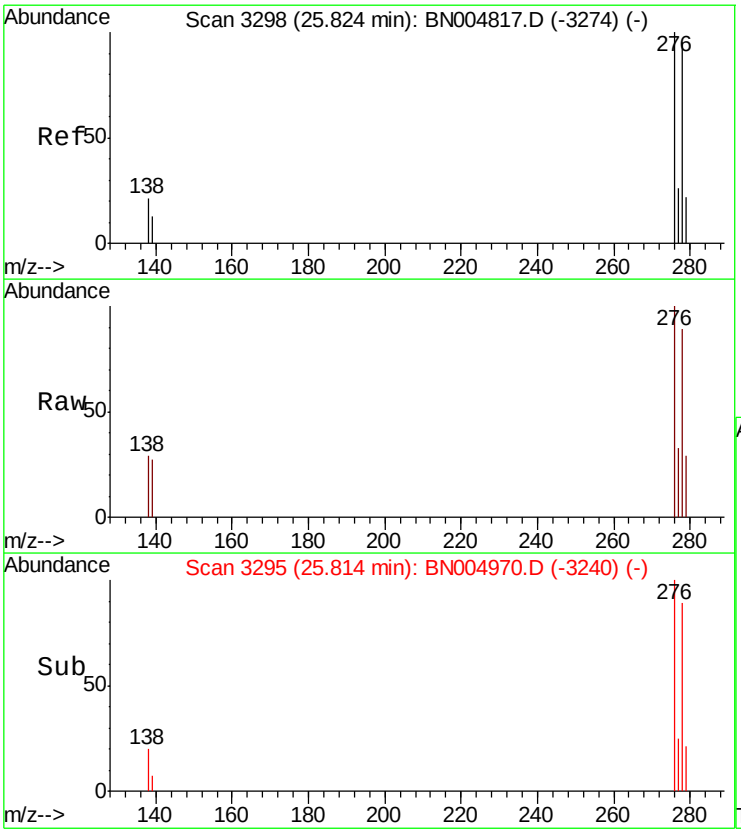

#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.43 min Scan# 2600
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:252 Resp: 25868

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 34.3 | 19.7 | 29.5# |
| 125 | 33.5 | 8.3 | 12.5# |

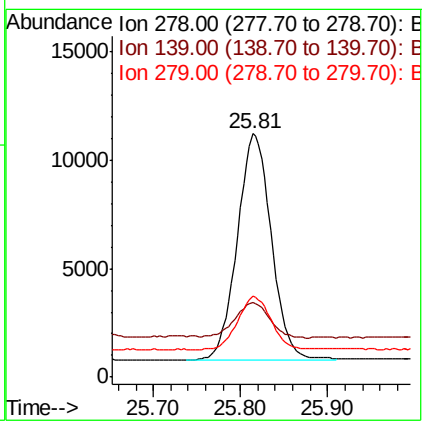


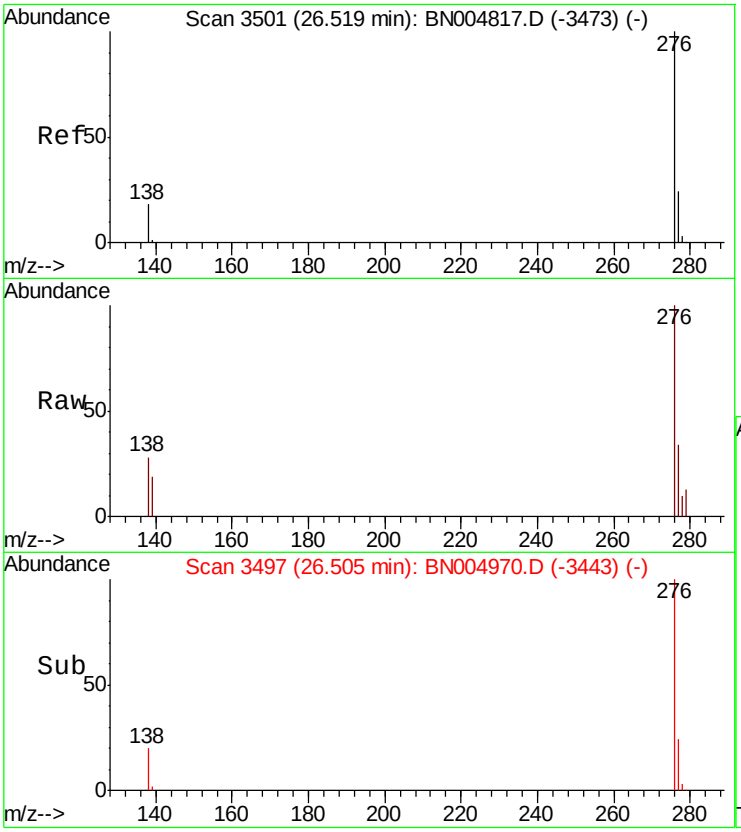




#38
Dibenzo(a,h)anthracene
Concen: 0.382 ng
RT: 25.81 min Scan# 3295
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

Tgt Ion:278 Resp: 28298

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 30.4 | 11.7 | 17.5# |
| 279 | 33.0 | 19.9 | 29.9# |






#39
Benzo(g,h,i)perylene
Concen: 0.379 ng
RT: 26.51 min Scan# 3497
Delta R.T. -0.01 min
Lab File: BN004970.D
Acq: 25 Mar 2019 20:39

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

Tgt Ion:276 Resp: 28630

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 33.7 | 19.7 | 29.5# |
| 138 | 28.1 | 14.6 | 22.0# |