Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
Data File : BN010693.D
Acq On : 12 May 2020 10:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 12 11:00:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 2976 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.33 | 136 | 12337 | 0.40 | ng | | 0.00 |
| 13) Acenaphthene-d10 | 14.20 | 164 | 7978 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.95 | 188 | 16975 | 0.40 | ng | | 0.00 |
| 27) Chrysene-d12 | 21.16 | 240 | 13016 | 0.40 | ng | | 0.00 |
| 34) Perylene-d12 | 23.33 | 264 | 11874 | 0.40 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 4) 2-Fluorophenol | 5.22 | 112 | 2412 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 6.78 | 99 | 2919 | 0.34 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.72 | 82 | 3314 | 0.38 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.93 | 152 | 8196 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.71 | 330 | 1020 | 0.27 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.82 | 172 | 11483 | 0.40 | ng | | 0.00 |
| 25) Fluoranthene-d10 | 18.99 | 212 | 17647 | 0.34 | ng | | 0.00 |
| 29) Terphenyl-d14 | 19.60 | 244 | 12657 | 0.42 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.24 | 88 | 913 | 0.417 | ng | | 99 |
| 3) n-Nitrosodimethylamine | 3.58 | 42 | 533 | 0.375 | ng | # | 89 |
| 6) bis(2-Chloroethyl)ether | 7.02 | 93 | 3084 | 0.418 | ng | | 98 |
| 9) Naphthalene | 10.38 | 128 | 12343 | 0.403 | ng | | 99 |
| 10) Hexachlorobutadiene | 10.68 | 225 | 2728 | 0.369 | ng | # | 97 |
| 12) 2-Methylnaphthalene | 12.01 | 142 | 8899 | 0.404 | ng | | 99 |
| 16) Acenaphthylene | 13.91 | 152 | 12007 | 0.348 | ng | | 100 |
| 17) Acenaphthene | 14.27 | 154 | 8479 | 0.383 | ng | | 98 |
| 18) Fluorene | 15.26 | 166 | 11112 | 0.383 | ng | | 99 |
| 20) 4-Bromophenyl-phenylether | 16.16 | 248 | 3575 | 0.379 | ng | # | 83 |
| 21) Hexachlorobenzene | 16.27 | 284 | 4385 | 0.407 | ng | | 97 |
| 22) Pentachlorophenol | 16.62 | 266 | 1499 | 0.354 | ng | | 99 |
| 23) Phenanthrene | 17.00 | 178 | 17474 | 0.381 | ng | | 99 |
| 24) Anthracene | 17.09 | 178 | 14168 | 0.338 | ng | | 100 |
| 26) Fluoranthene | 19.02 | 202 | 19713 | 0.345 | ng | | 99 |
| 28) Pyrene | 19.39 | 202 | 19737 | 0.450 | ng | | 100 |
| 30) Benzo(a)anthracene | 21.14 | 228 | 14391 | 0.339 | ng | | 99 |
| 31) Chrysene | 21.20 | 228 | 16664 | 0.394 | ng | | 99 |
| 32) Bis(2-ethylhexyl)phthalate | 21.10 | 149 | 6638 | 0.305 | ng | | 97 |
| 33) Indeno(1,2,3-cd)pyrene | 25.47 | 276 | 12658 | 0.338 | ng | | 97 |
| 35) Benzo(b)fluoranthene | 22.68 | 252 | 15228 | 0.390 | ng | | 96 |
| 36) Benzo(k)fluoranthene | 22.73 | 252 | 16217 | 0.414 | ng | | 96 |
| 37) Benzo(a)pyrene | 23.23 | 252 | 12784 | 0.369 | ng | # | 91 |
| 38) Dibenzo(a,h)anthracene | 25.49 | 278 | 8980 | 0.284 | ng | # | 91 |
| 39) Benzo(g,h,i)perylene | 26.11 | 276 | 12407 | 0.390 | ng | | 97 |

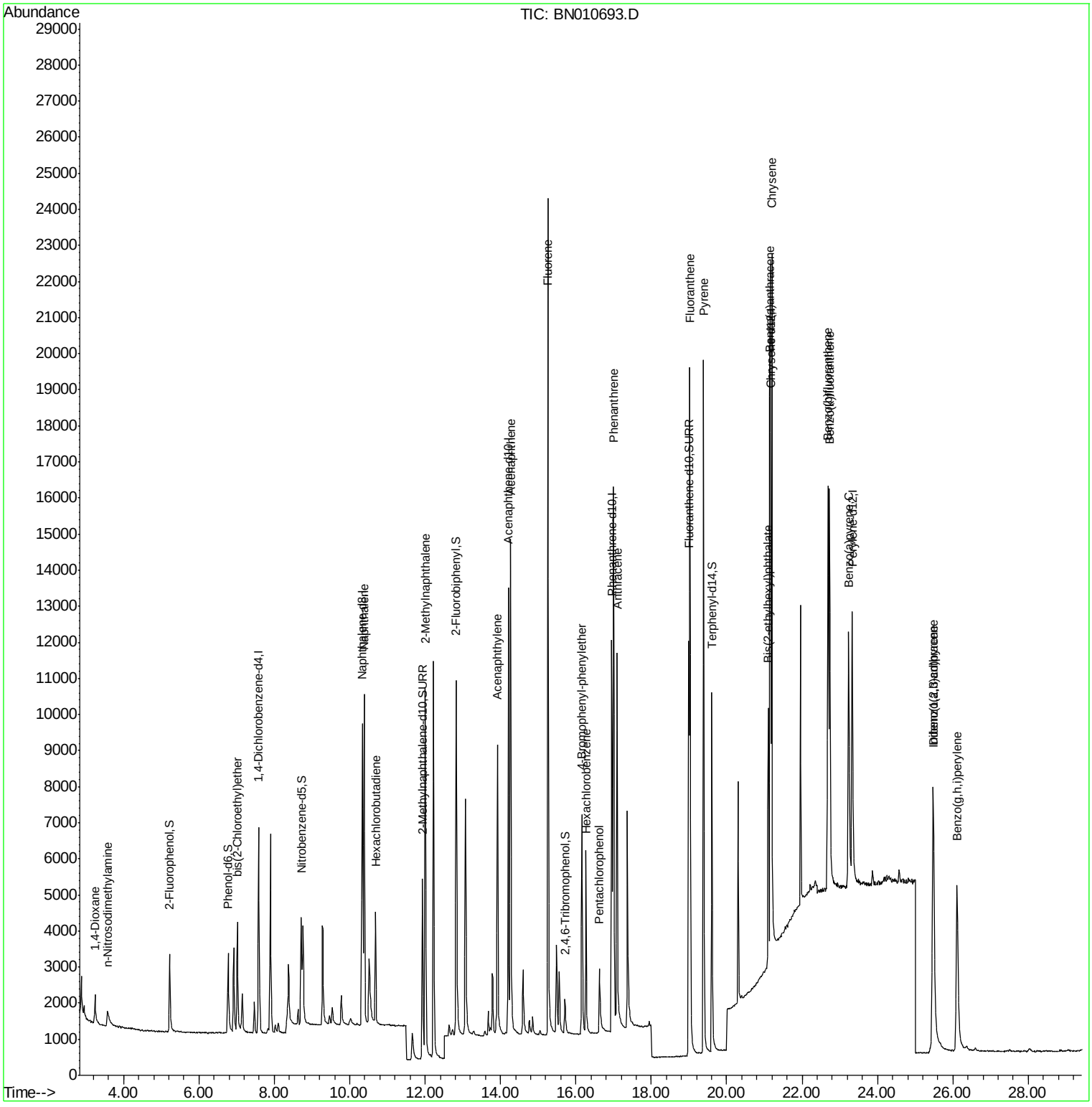
(#) = qualifier out of range (m) = manual integration (+) = signals summed

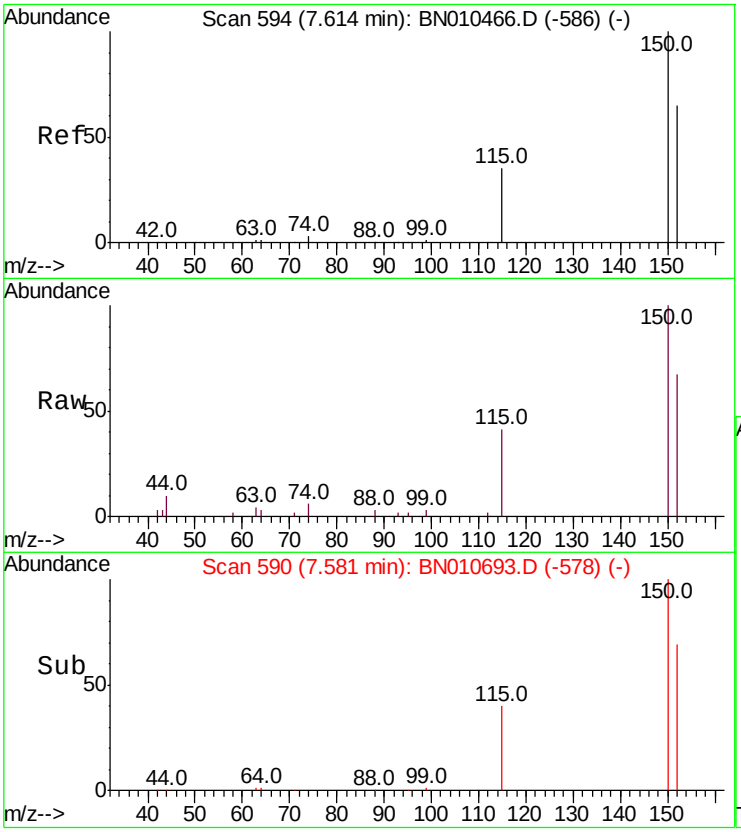
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN051220\
Data File : BN010693.D
Acq On : 12 May 2020 10:09
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: May 12 11:00:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 10:58:34 2020
Response via : Initial Calibration



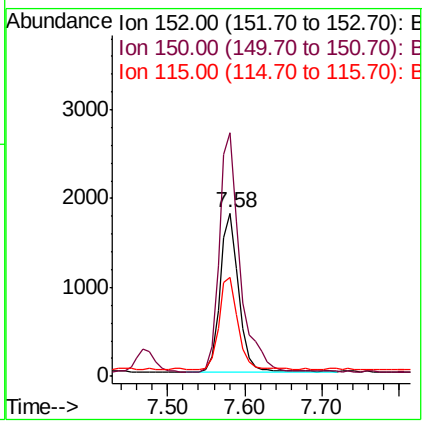


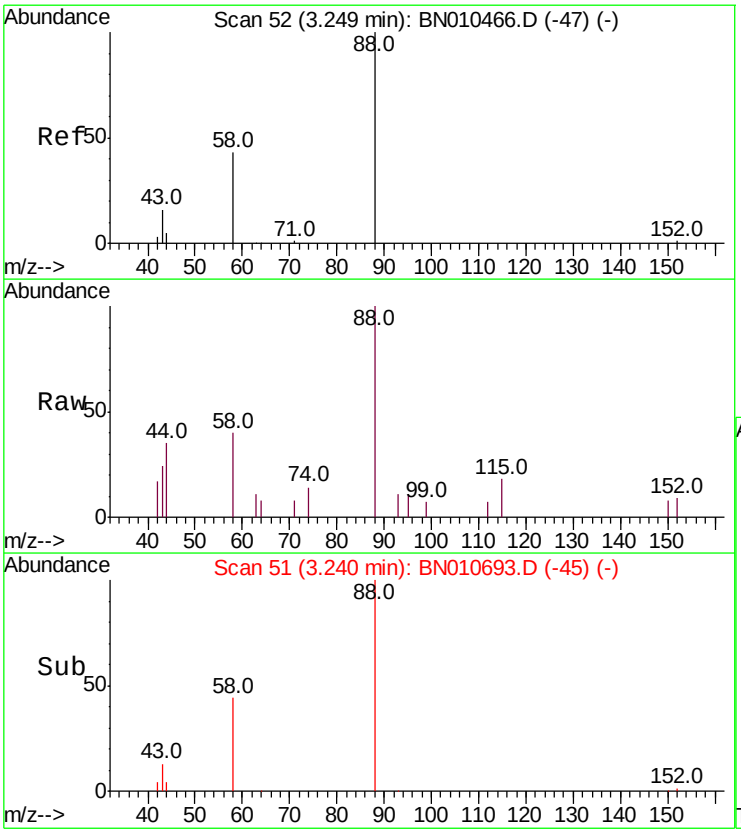

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:152 Resp: 2976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.2 | 121.8 | 182.6 |
| 115 | 60.5 | 45.5 | 68.3 |

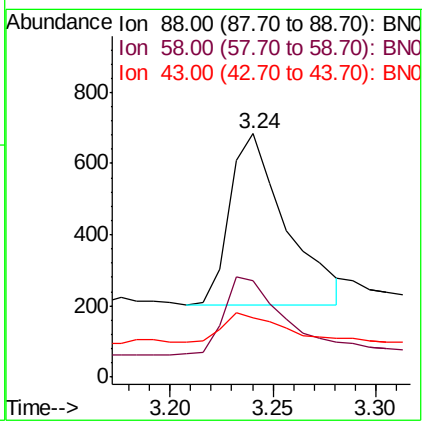


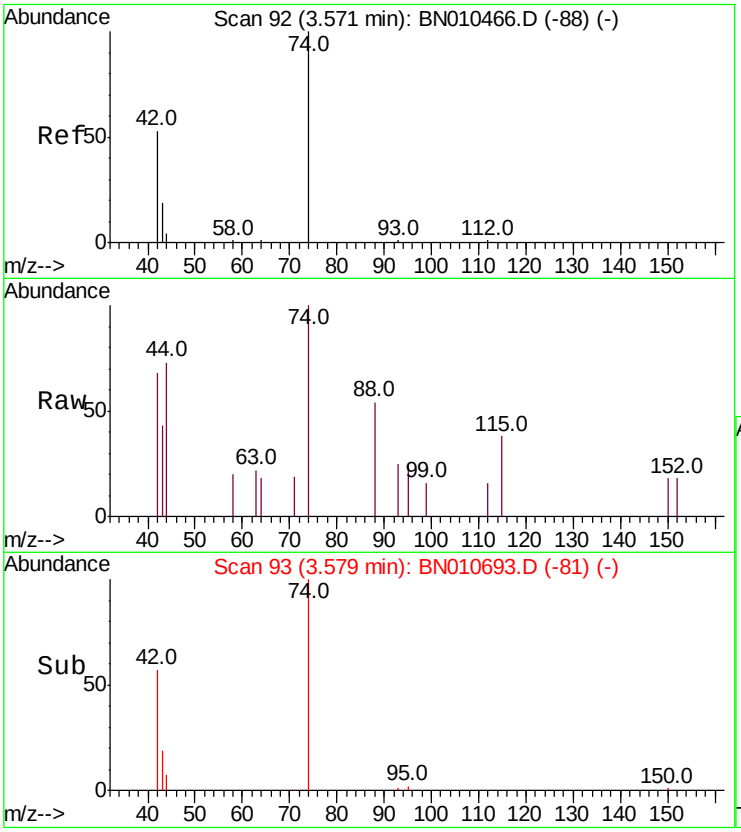




#2
1,4-Dioxane
Concen: 0.417 ng
RT: 3.24 min Scan# 51
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion: 88 Resp: 913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 45.5 | 36.5 | 54.7 |
| 43 | 17.1 | 13.2 | 19.8 |



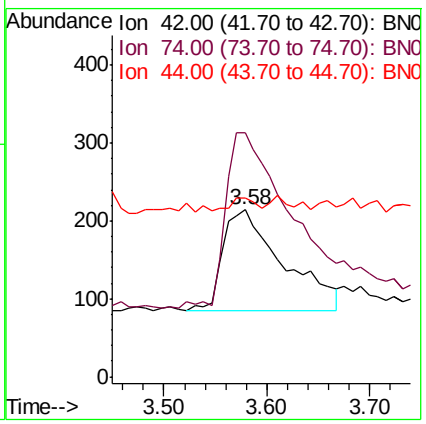


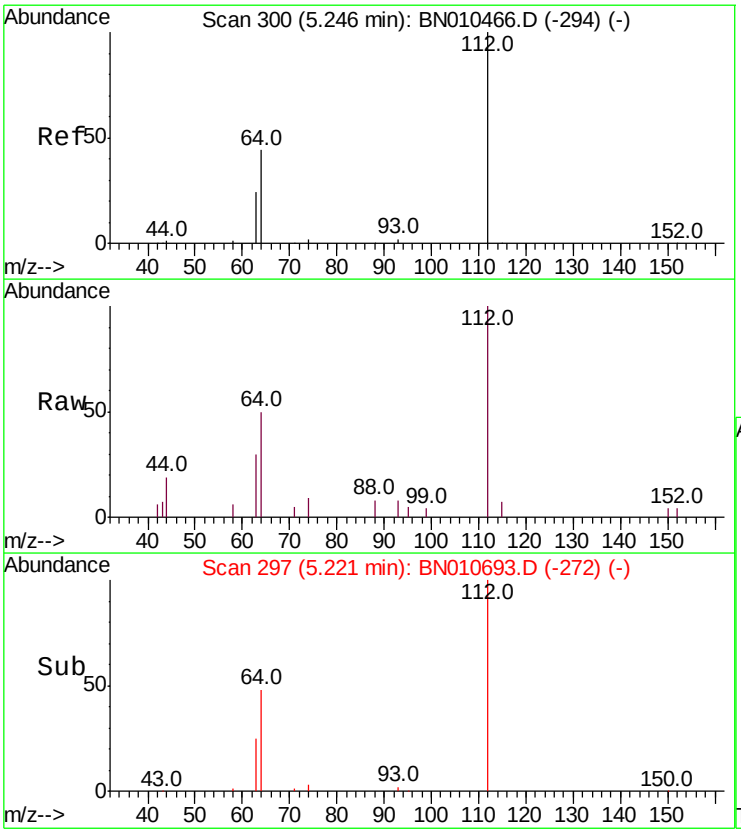

#3
n-Nitrosodimethylamine
Concen: 0.375 ng
RT: 3.58 min Scan# 93
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion: 42 Resp: 533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 185.9 | 162.2 | 243.4 |
| 44 | 5.1 | 2.4 | 3.6# |

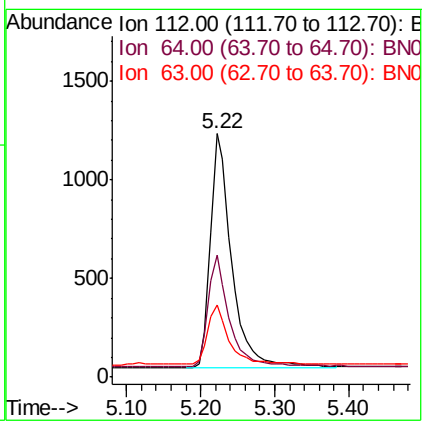


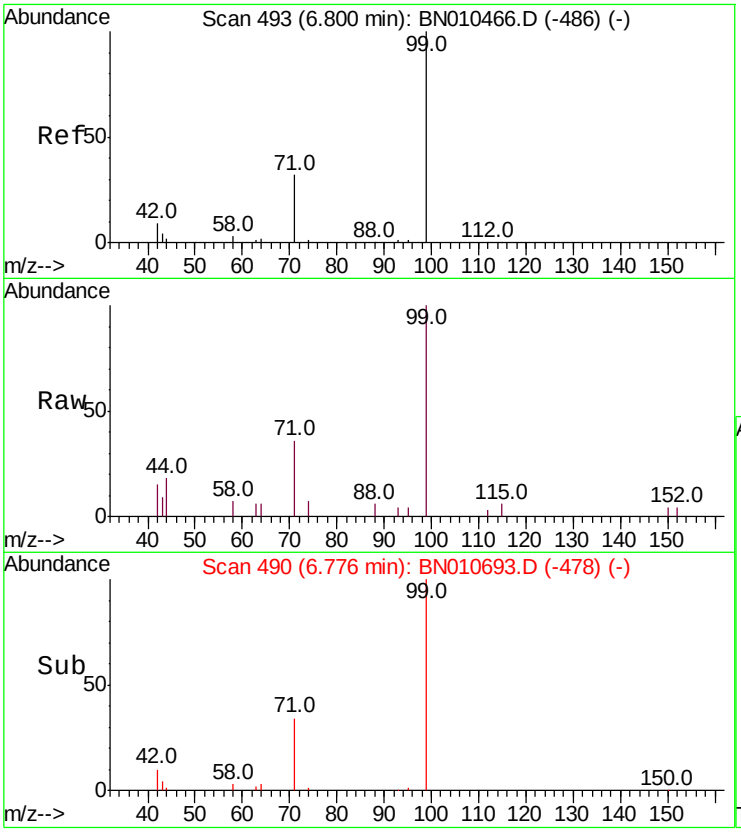




#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.22 min Scan# 297
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:112 Resp: 2412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 45.4 | 35.8 | 53.8 |
| 63 | 25.3 | 19.9 | 29.9 |



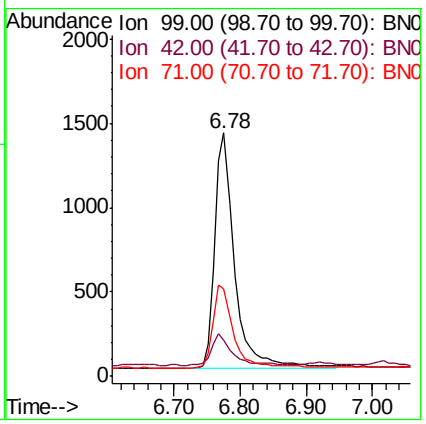


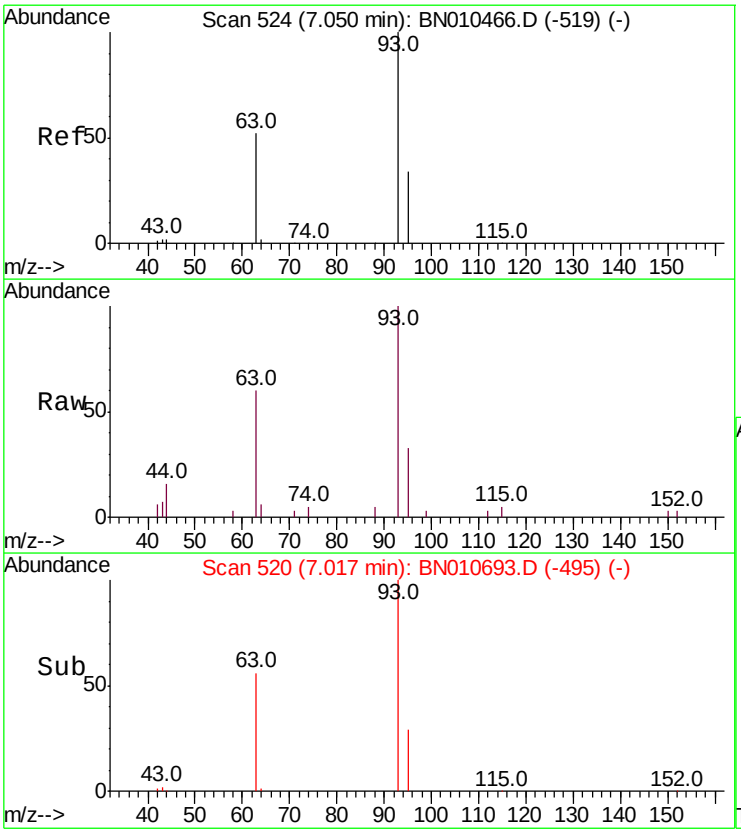

#5
Phenol-d6
Concen: 0.343 ng
RT: 6.78 min Scan# 490
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion: 99 Resp: 2919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.0 | 9.8 | 14.6 |
| 71 | 36.3 | 27.8 | 41.8 |

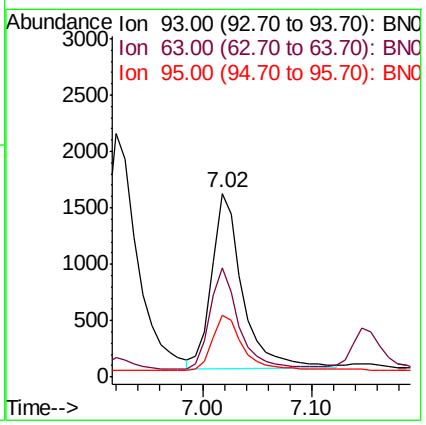


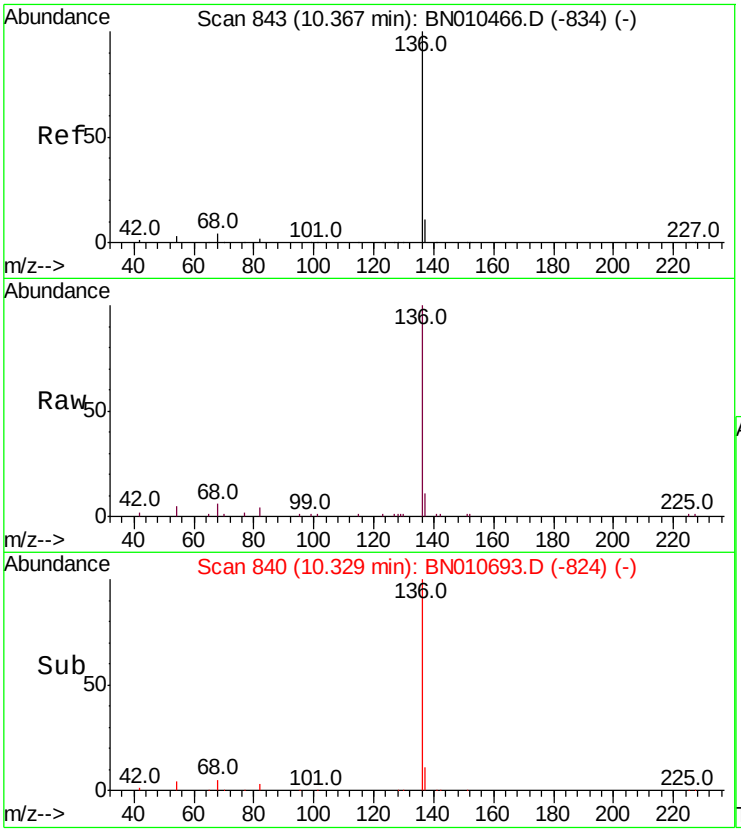




#6
bis(2-Chloroethyl)ether
Concen: 0.418 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion: 93 Resp: 3084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 54.1 | 44.6 | 66.8 |
| 95 | 31.7 | 26.5 | 39.7 |



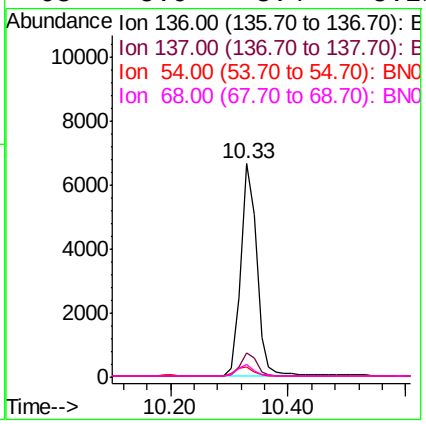


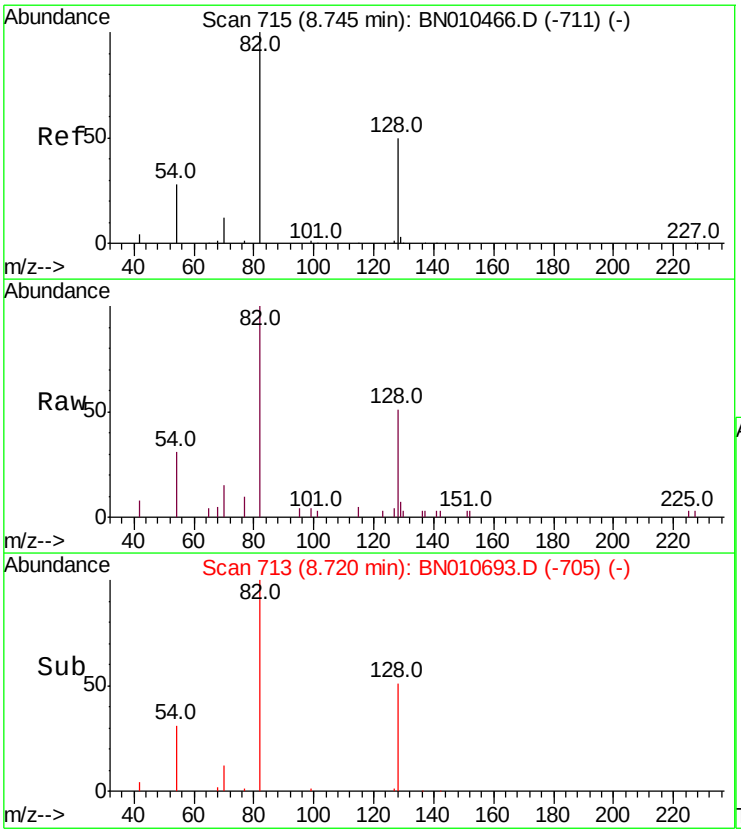

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:136 Resp: 12337

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.4 | 8.9 | 13.3 |
| 54 | 4.7 | 2.6 | 4.0# |
| 68 | 5.9 | 3.4 | 5.2# |

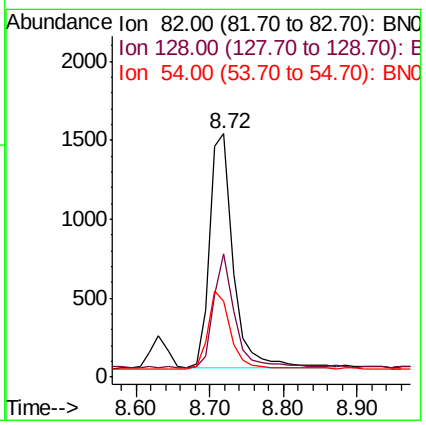


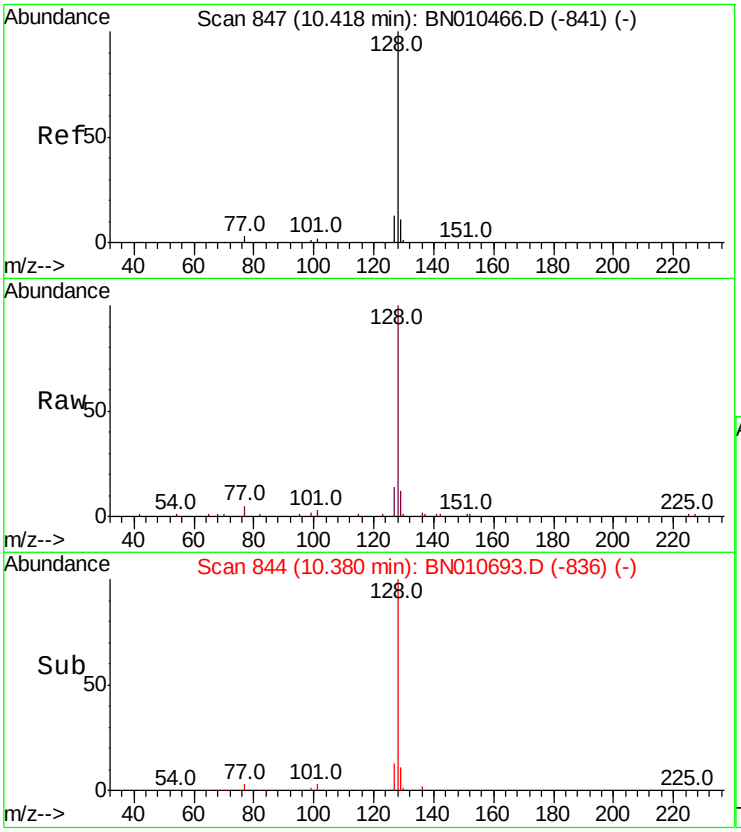




#8
Nitrobenzene-d5
Concen: 0.384 ng
RT: 8.72 min Scan# 713
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion: 82 Resp: 3314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 50.6 | 41.3 | 61.9 |
| 54 | 31.1 | 23.4 | 35.0 |



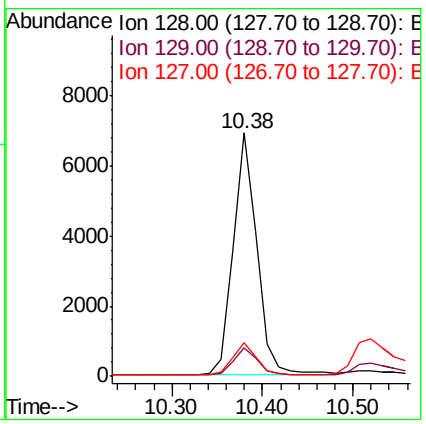


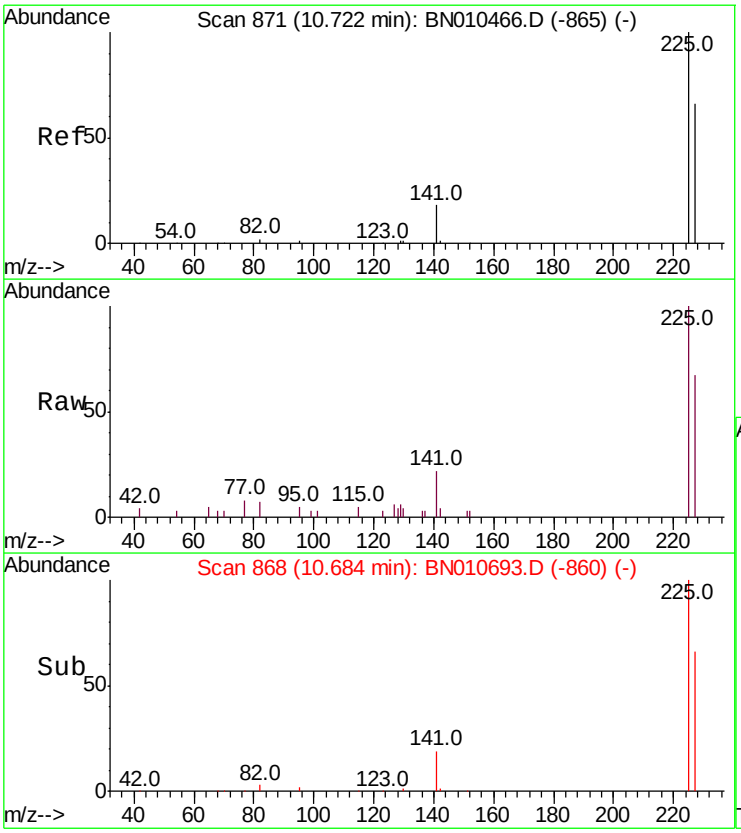

#9
Naphthalene
Concen: 0.403 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:128 Resp: 12343

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 11.6 | 9.3 | 13.9 |
| 127 | 13.7 | 10.5 | 15.7 |

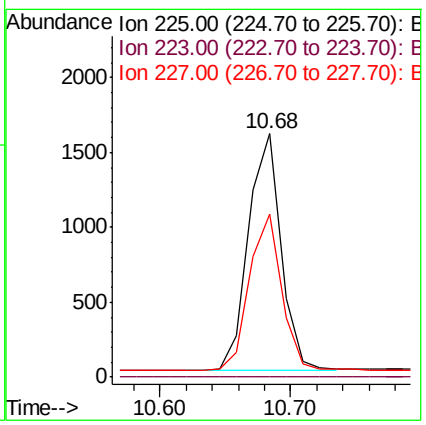


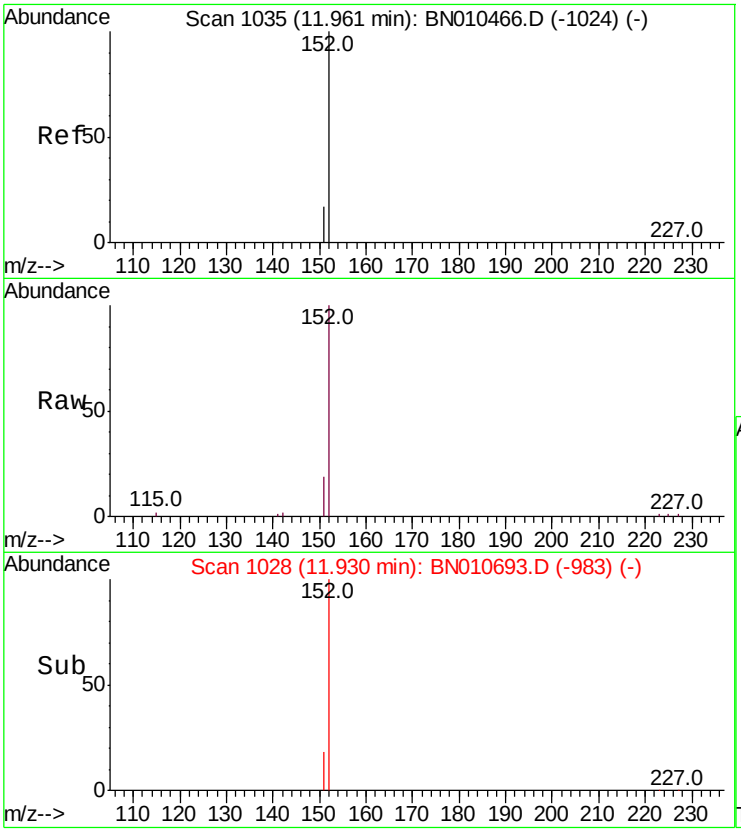




#10
Hexachlorobutadiene
Concen: 0.369 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:225 Resp: 2728

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 65.5 | 50.6 | 76.0 |



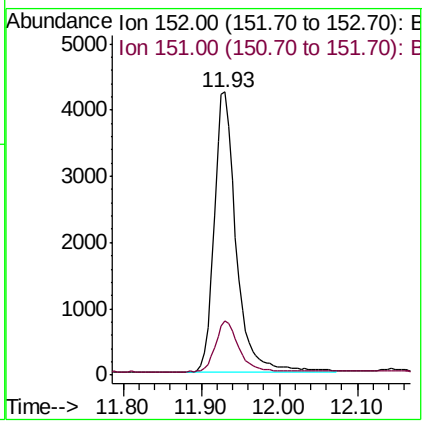


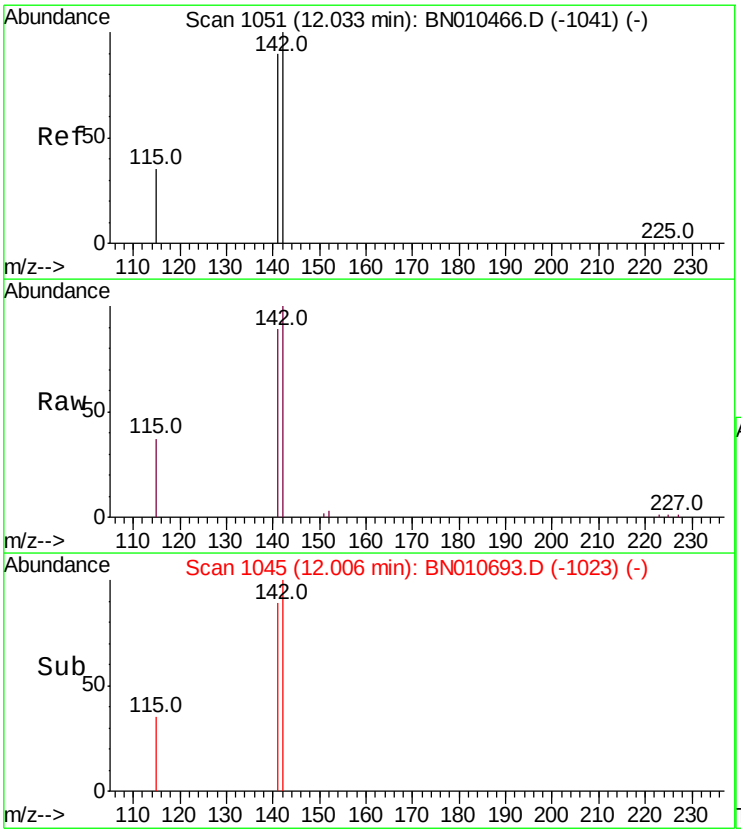

#11
2-Methylnaphthalene-d10
Concen: 0.404 ng
RT: 11.93 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:152 Resp: 8196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.3 | 22.9 |

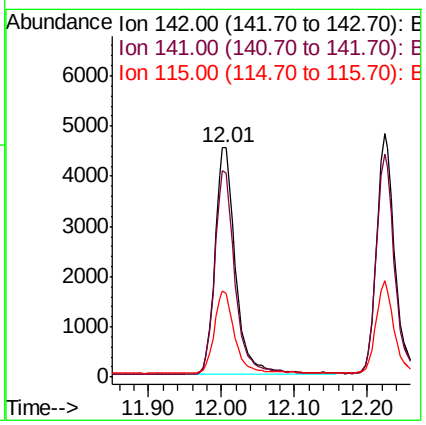


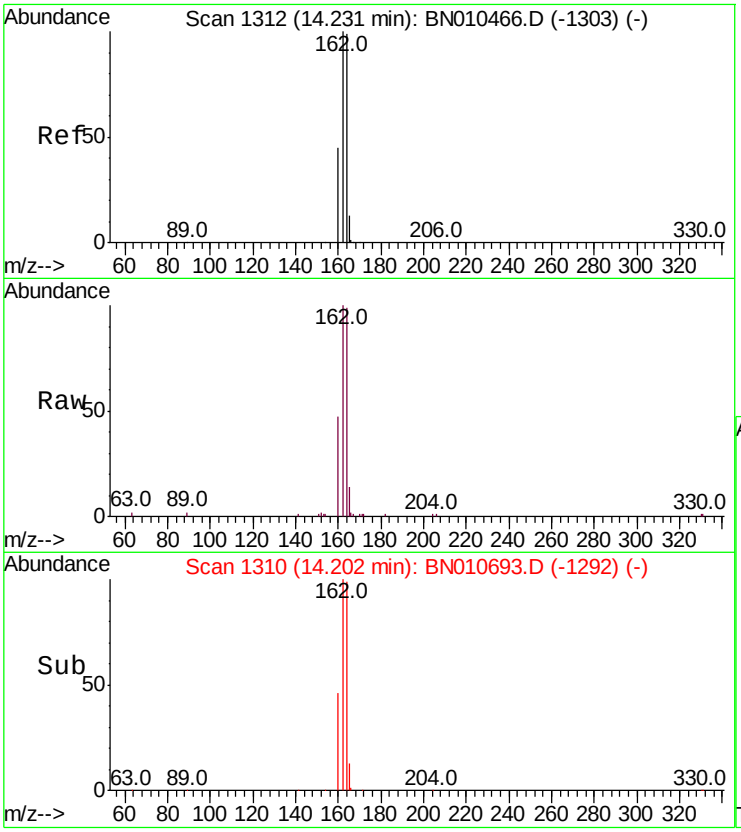




#12
2-Methylnaphthalene
Concen: 0.404 ng
RT: 12.01 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:142 Resp: 8899

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 89.1 | 71.9 | 107.9 |
| 115 | 36.7 | 28.8 | 43.2 |



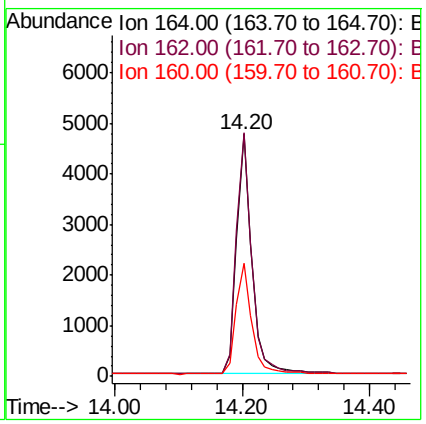


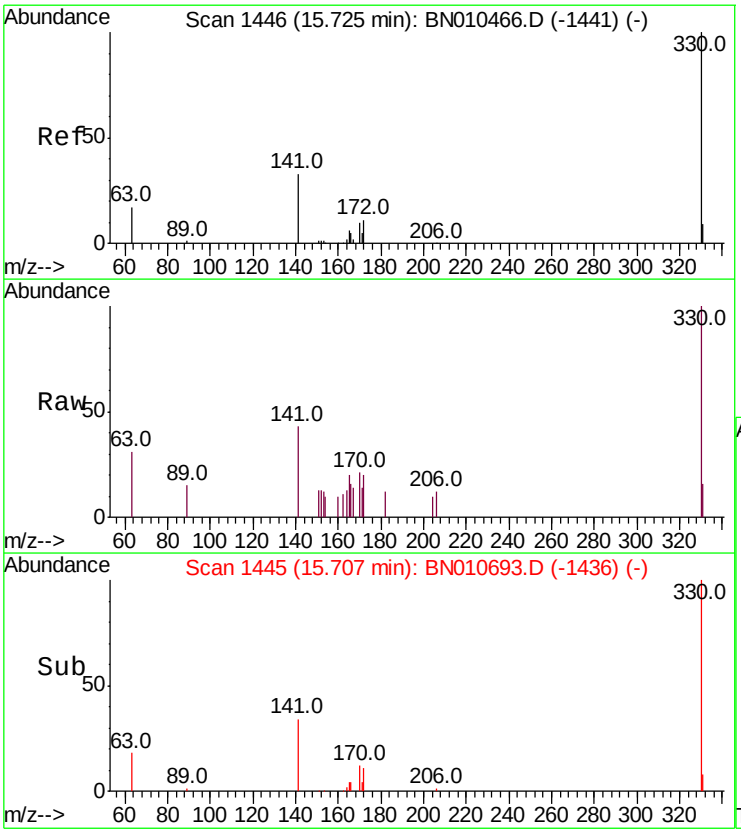

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:164 Resp: 7978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 80.6 | 121.0 |
| 160 | 46.9 | 36.5 | 54.7 |

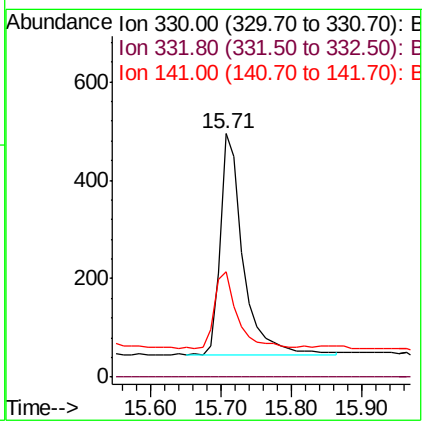


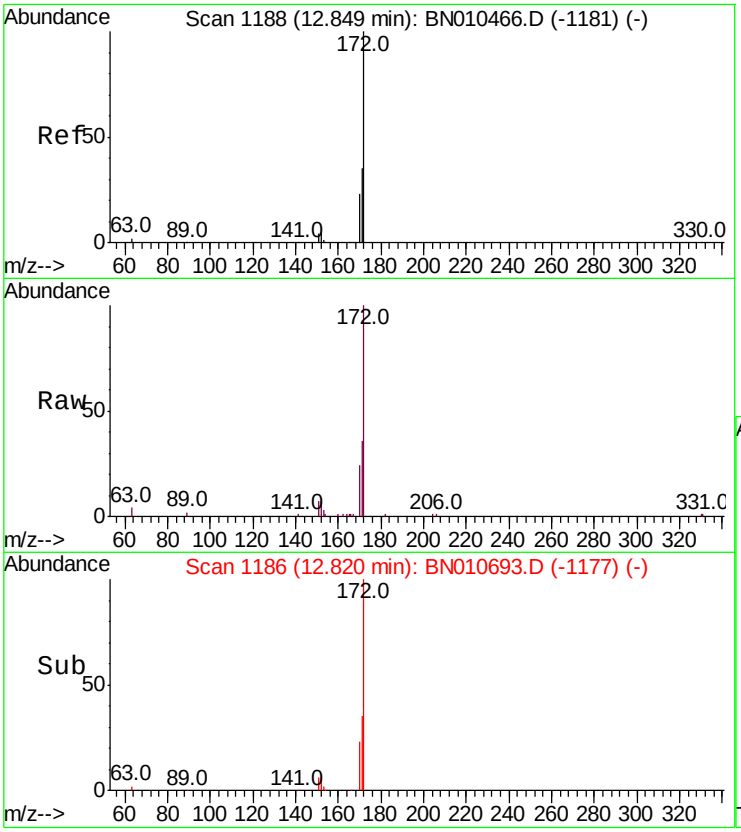




#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:330 Resp: 1020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 36.3 | 28.1 | 42.1 |



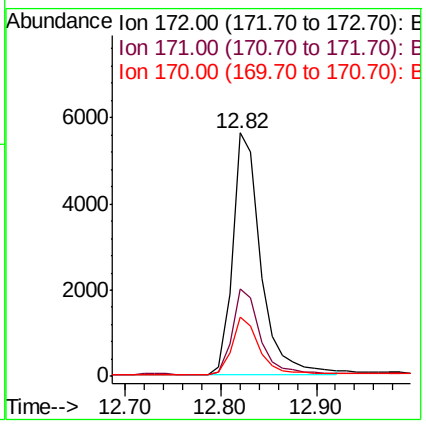


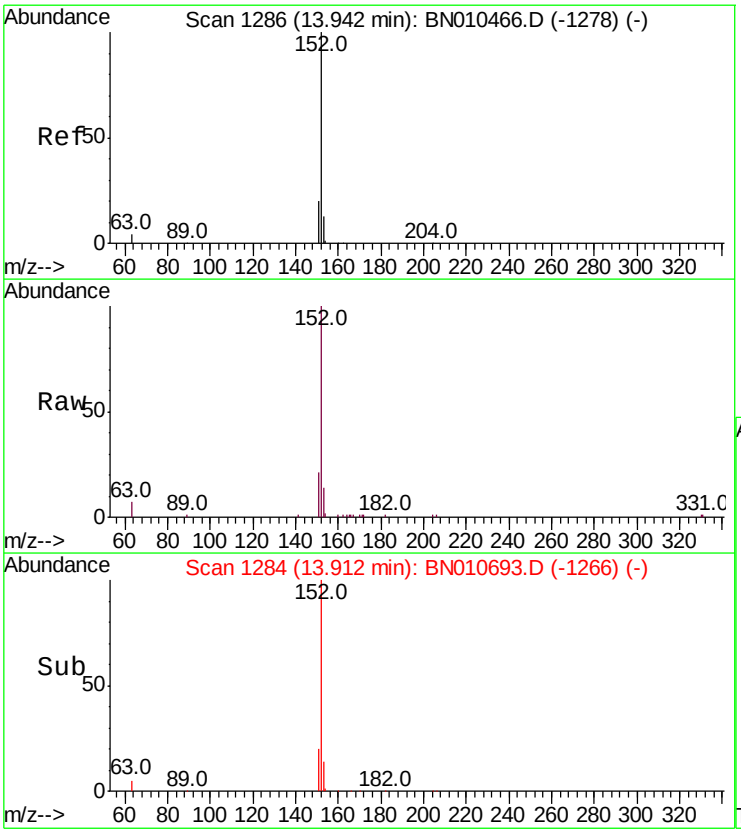

#15
2-Fluorobiphenyl
Concen: 0.396 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:172 Resp: 11483

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.7 | 28.2 | 42.2 |
| 170 | 24.1 | 18.4 | 27.6 |

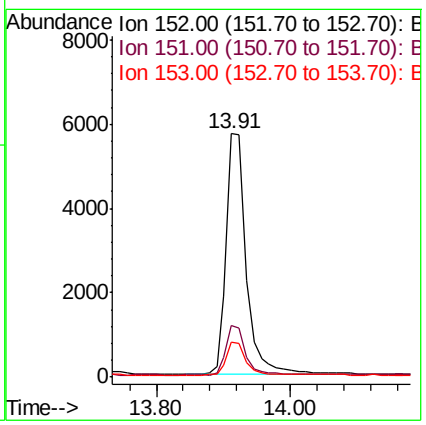


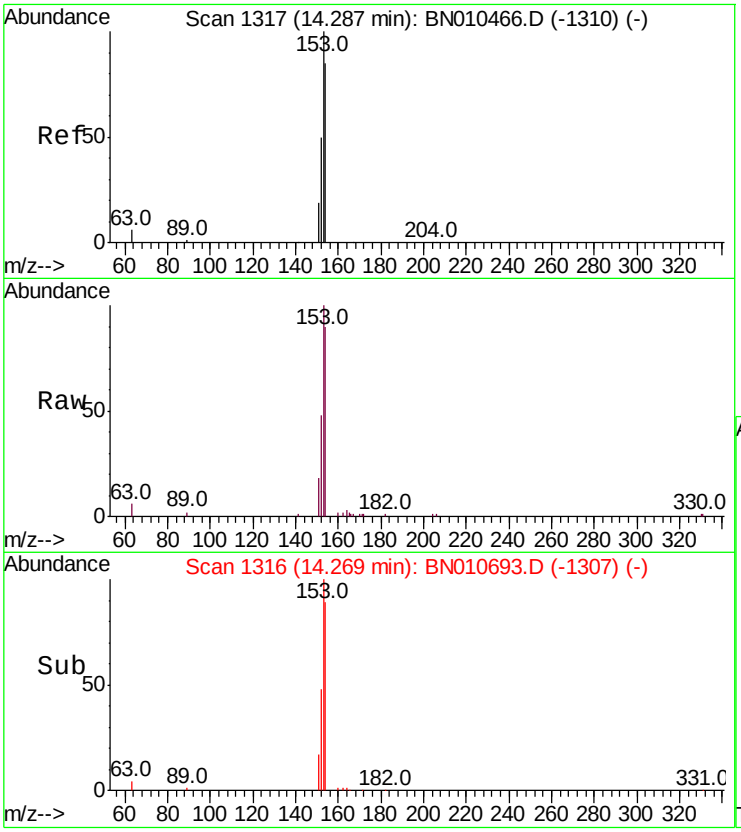




#16
Acenaphthylene
Concen: 0.348 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:152 Resp: 12007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.6 | 15.7 | 23.5 |
| 153 | 13.5 | 10.6 | 15.8 |



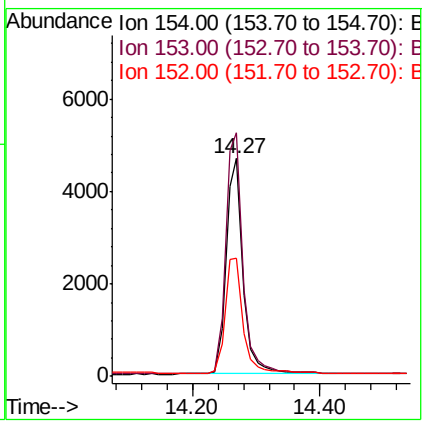


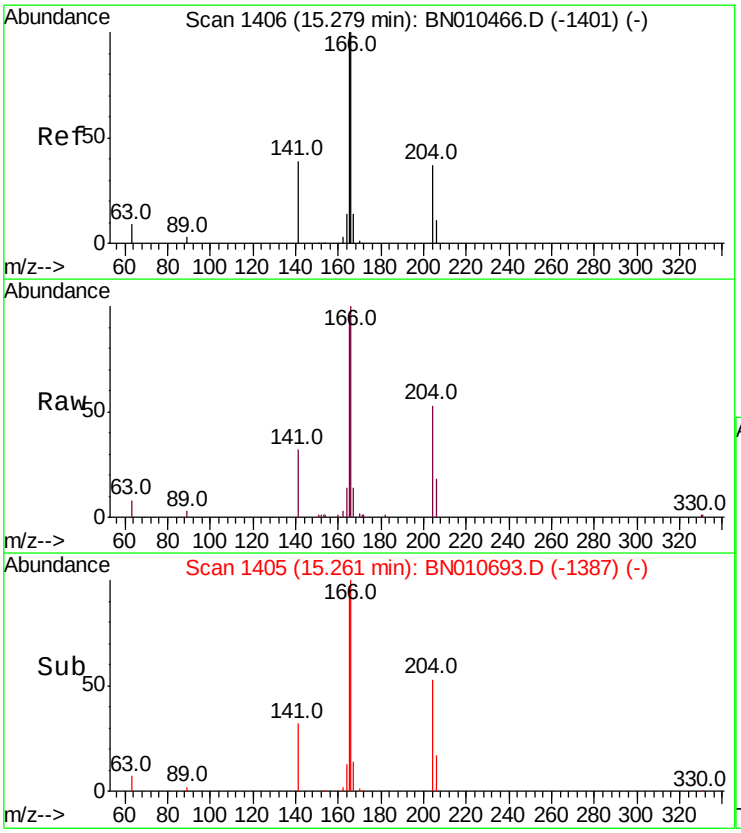

#17
Acenaphthene
Concen: 0.383 ng
RT: 14.27 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:154 Resp: 8479

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 115.2 | 91.0 | 136.4 |
| 152 | 57.0 | 44.6 | 67.0 |

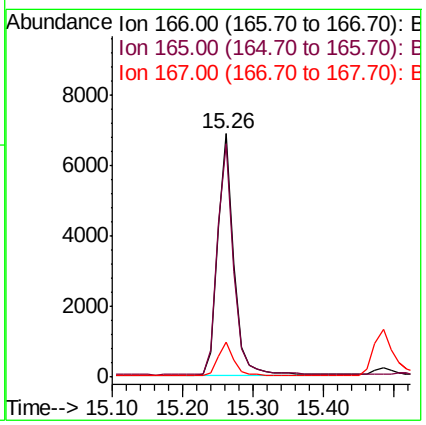


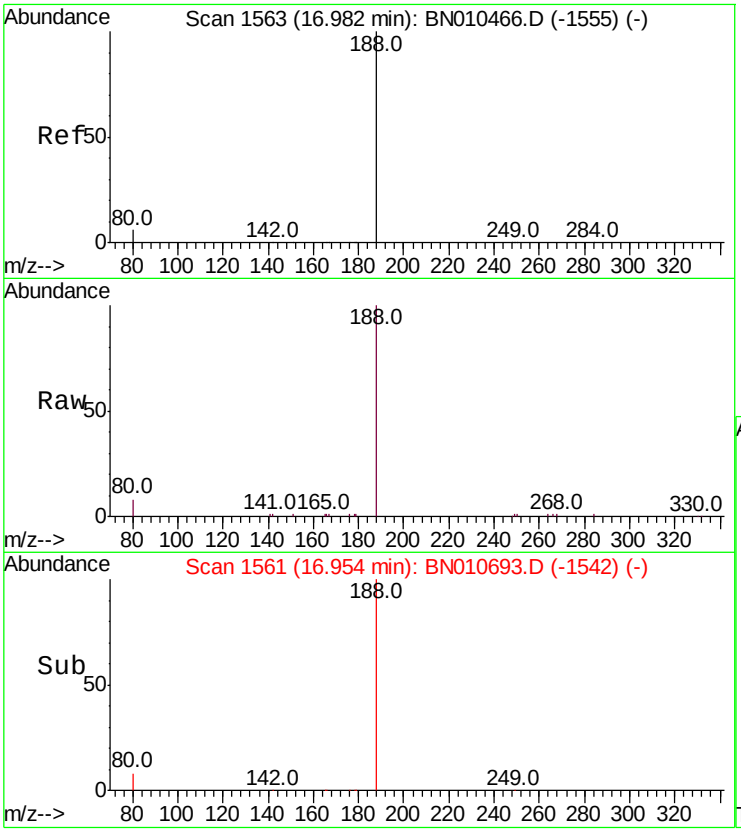




#18
Fluorene
Concen: 0.383 ng
RT: 15.26 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:166 Resp: 11112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 97.1 | 78.4 | 117.6 |
| 167 | 13.6 | 10.9 | 16.3 |



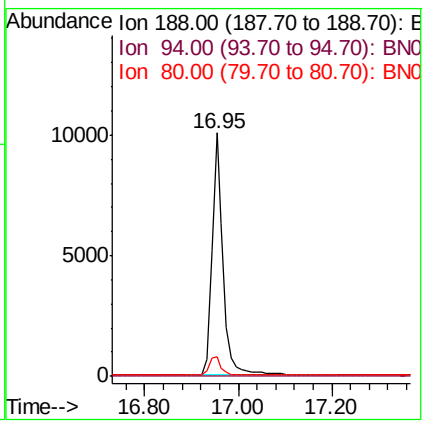


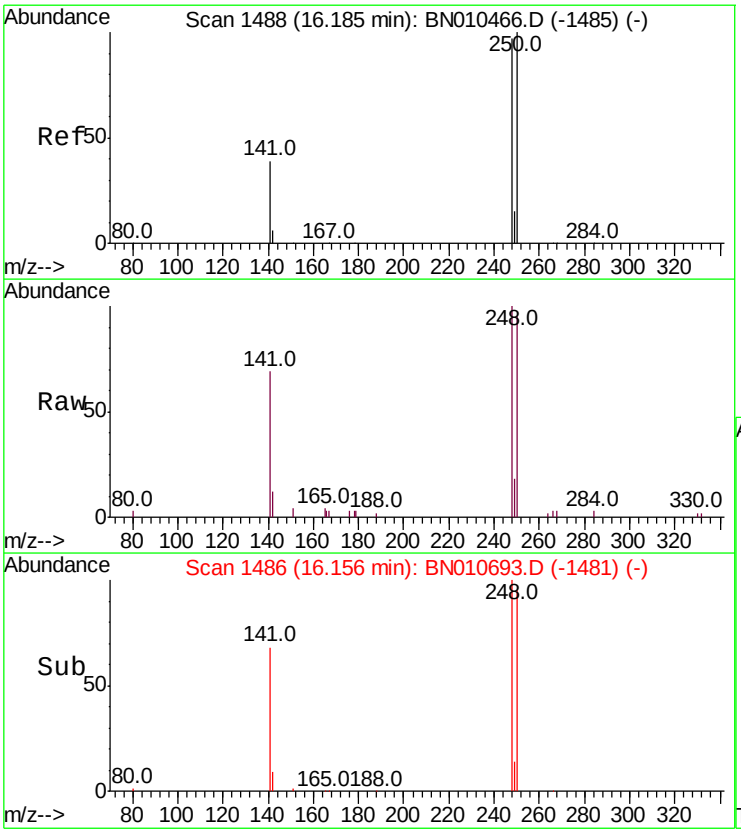

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:188 Resp: 16975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.2 | 5.0 | 7.6# |

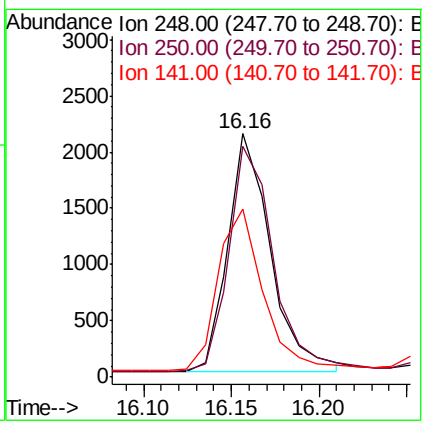


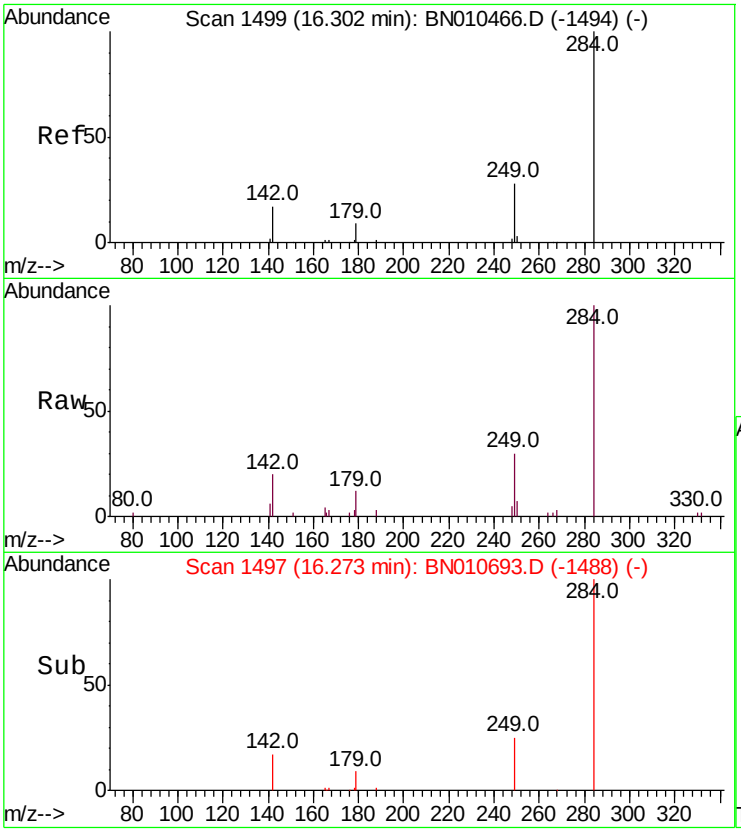




#20
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:248 Resp: 3575

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.0 | 82.3 | 123.5 |
| 141 | 68.8 | 35.2 | 52.8# |



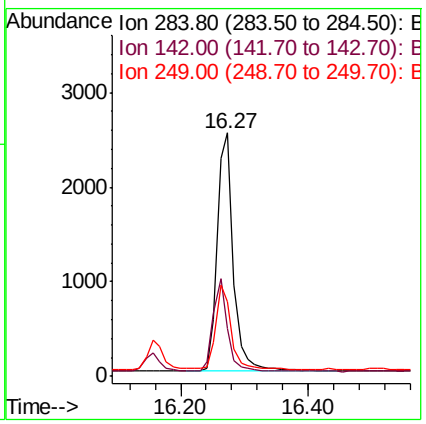


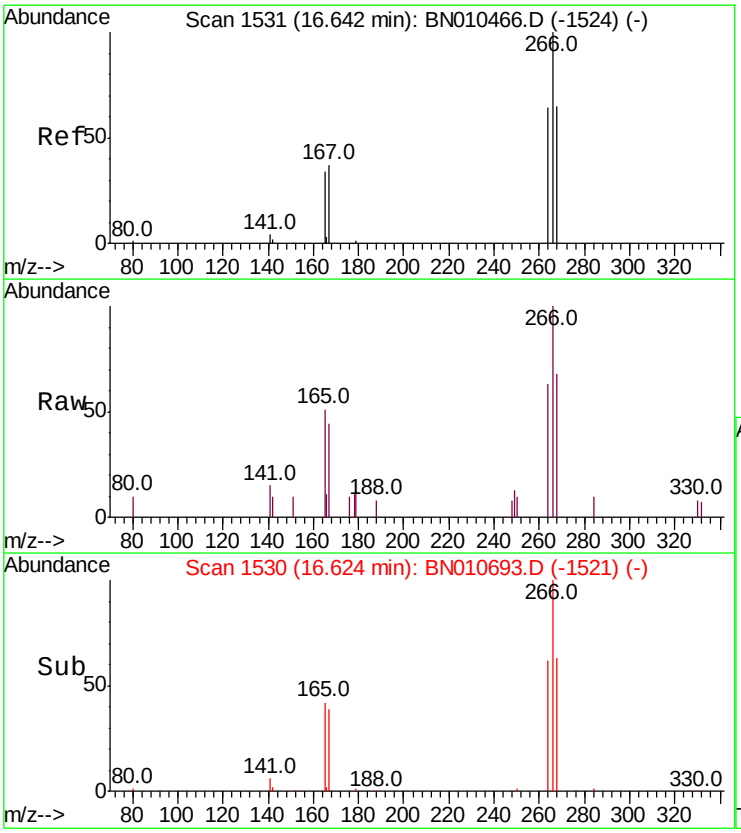

#21
Hexachlorobenzene
Concen: 0.407 ng
RT: 16.27 min Scan# 1497
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:284 Resp: 4385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 34.8 | 25.5 | 38.3 |
| 249 | 32.8 | 25.8 | 38.6 |

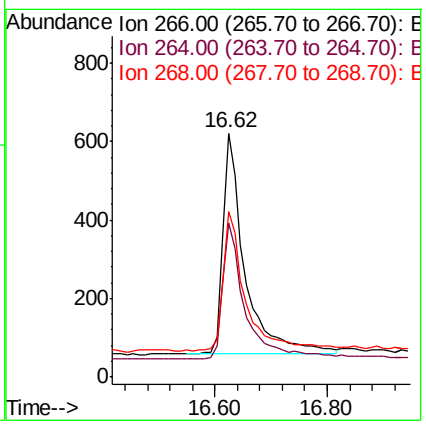


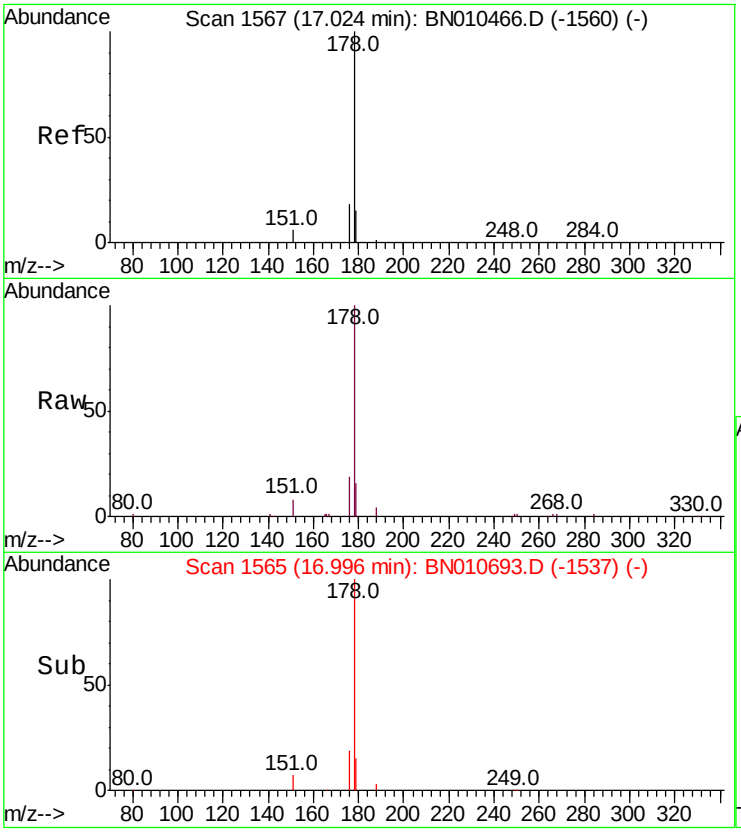




#22
Pentachlorophenol
Concen: 0.354 ng
RT: 16.62 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:266 Resp: 1499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 63.4 | 51.8 | 77.6 |
| 268 | 67.8 | 53.7 | 80.5 |



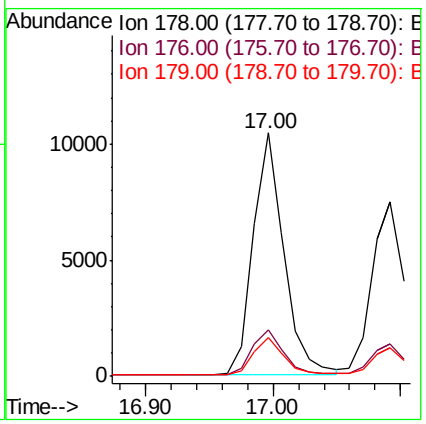


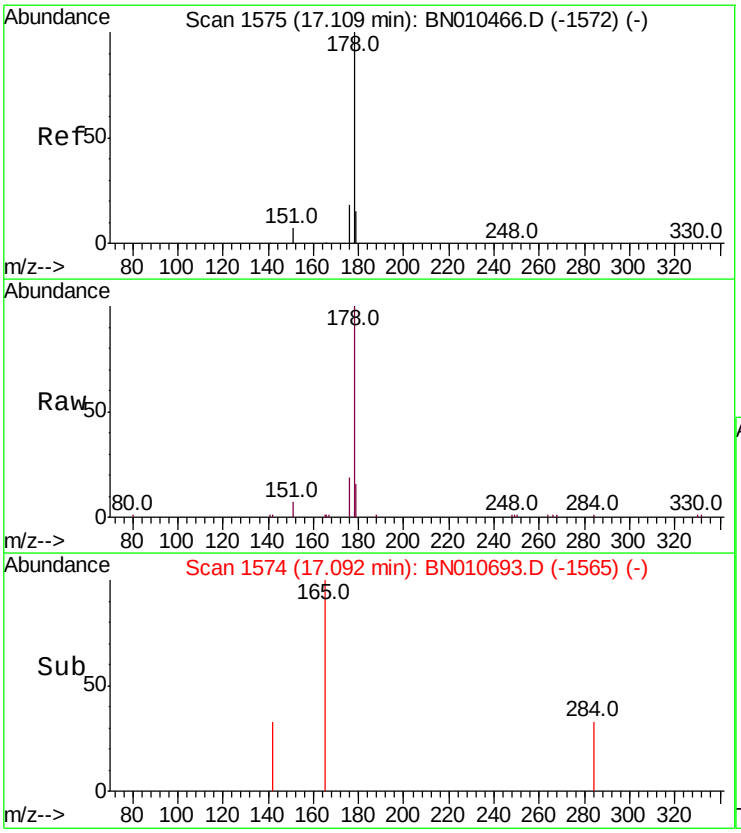

#23
Phenanthrene
Concen: 0.381 ng
RT: 17.00 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:178 Resp: 17474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.2 | 15.0 | 22.4 |
| 179 | 15.6 | 12.6 | 18.8 |

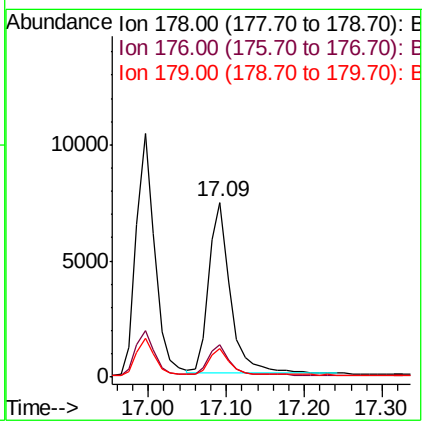


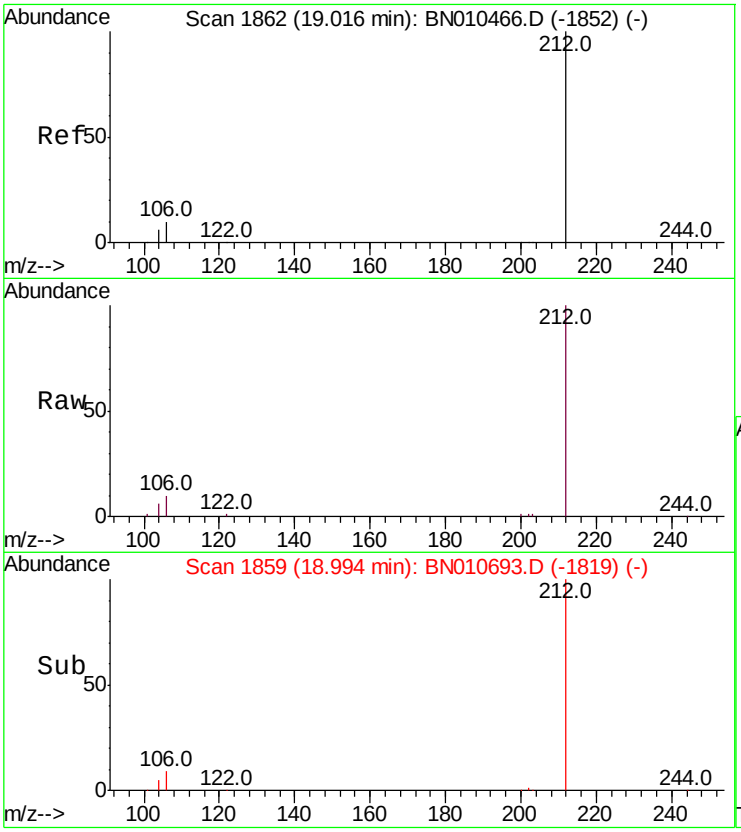




#24
Anthracene
Concen: 0.338 ng
RT: 17.09 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:178 Resp: 14168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.0 | 14.6 | 21.8 |
| 179 | 15.3 | 12.2 | 18.2 |



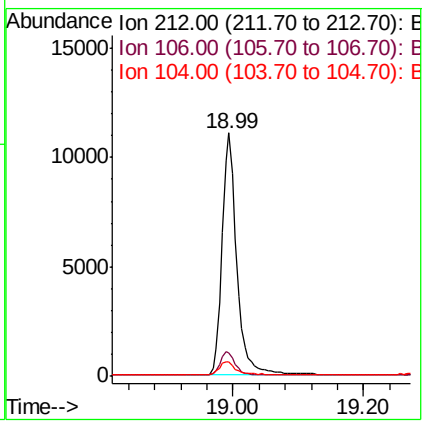


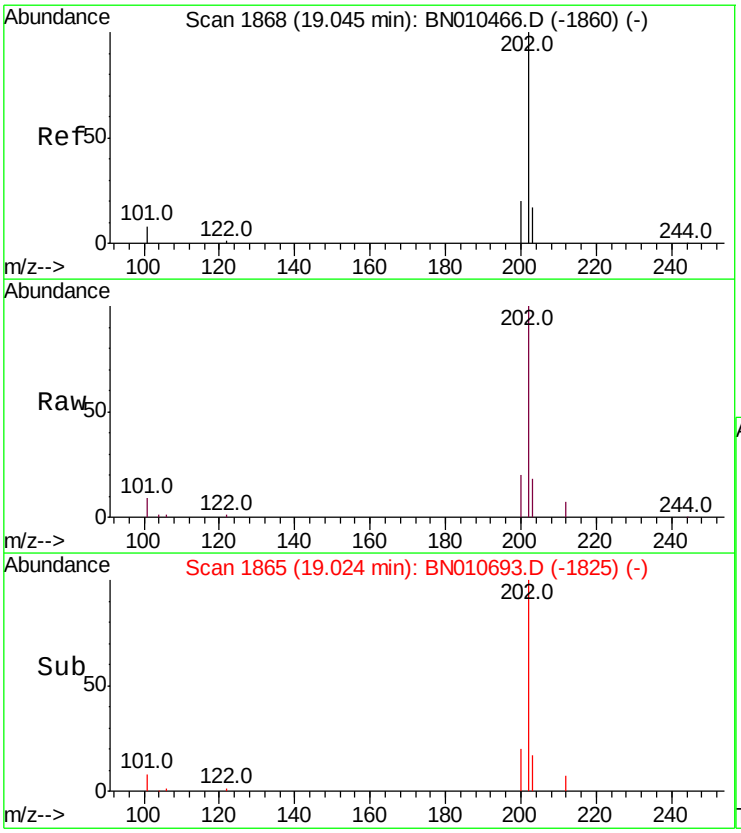

#25
Fluoranthene-d10
Concen: 0.343 ng
RT: 18.99 min Scan# 1859
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:212 Resp: 17647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 9.8 | 7.8 | 11.6 |
| 104 | 5.7 | 4.5 | 6.7 |

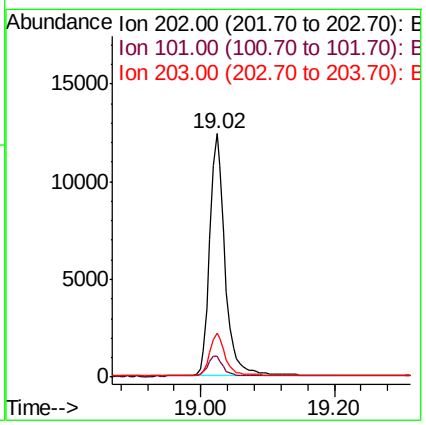


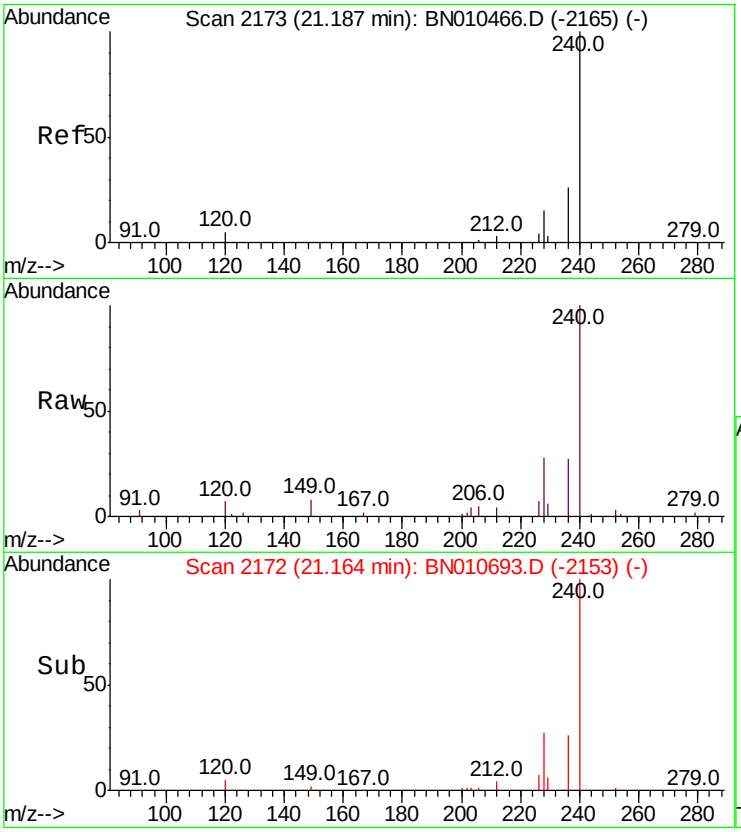




#26
Fluoranthene
Concen: 0.345 ng
RT: 19.02 min Scan# 1865
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:202 Resp: 19713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 8.3 | 6.9 | 10.3 |
| 203 | 17.1 | 13.9 | 20.9 |



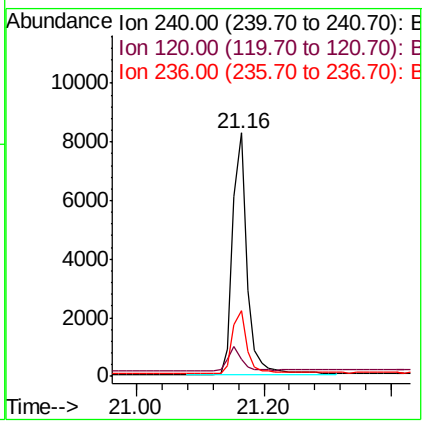


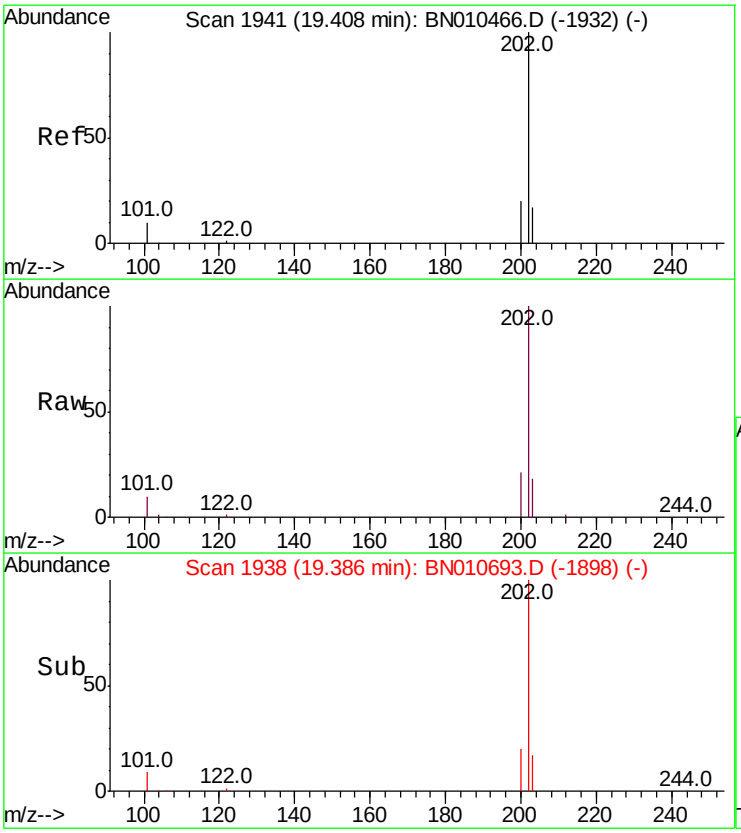

#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.16 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:240 Resp: 13016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.3 | 4.8 | 7.2# |
| 236 | 27.2 | 21.4 | 32.0 |

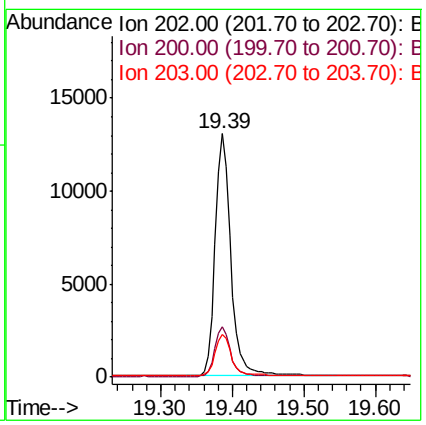


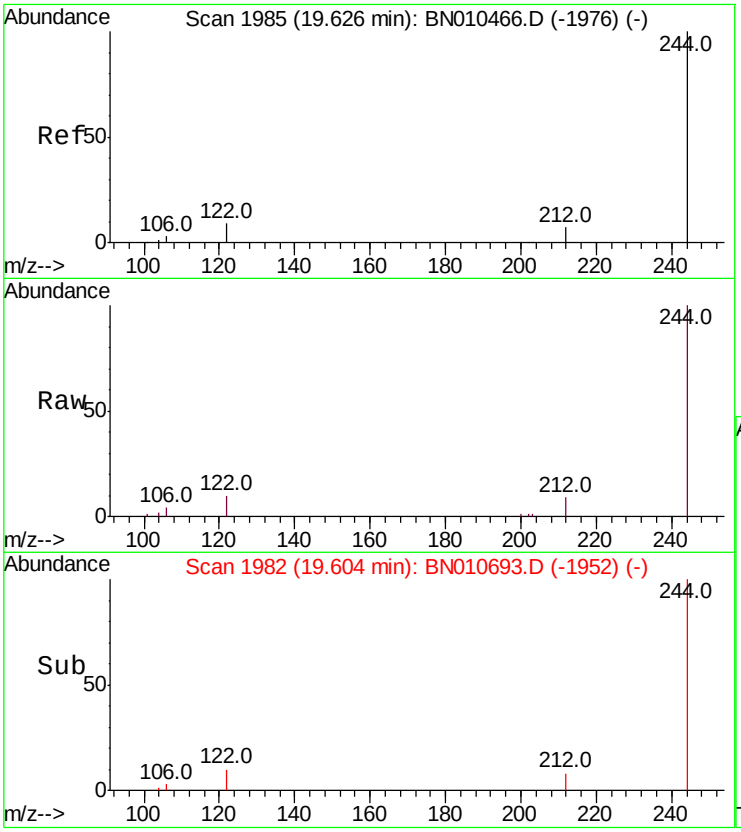




#28
Pyrene
Concen: 0.450 ng
RT: 19.39 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:202 Resp: 19737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.2 | 16.3 | 24.5 |
| 203 | 17.6 | 14.0 | 21.0 |



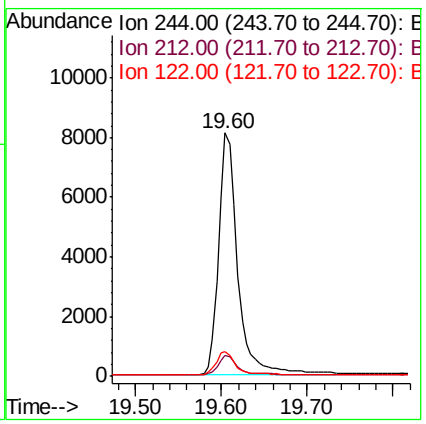


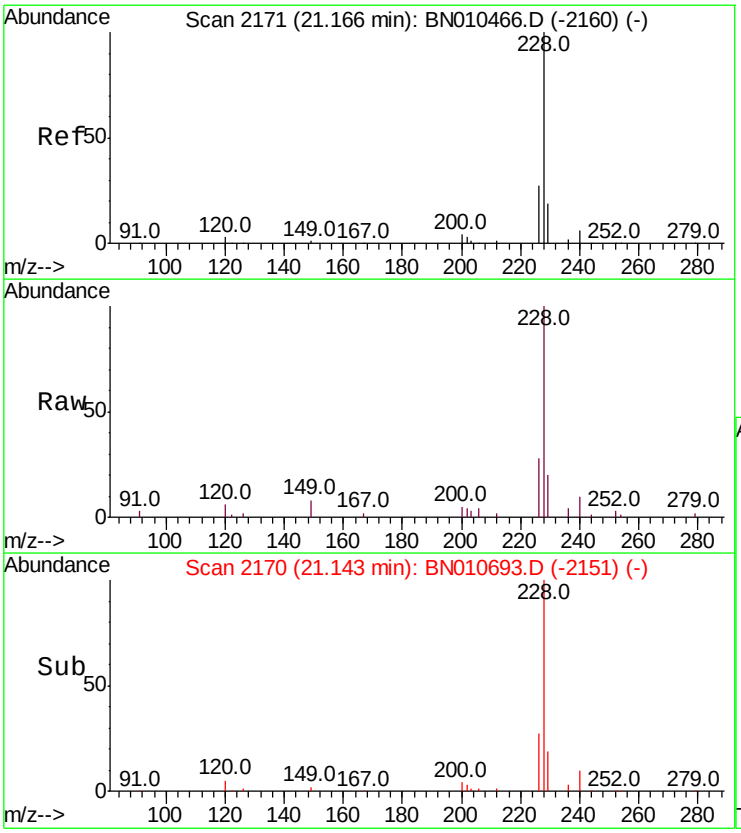

#29
Terphenyl-d14
Concen: 0.425 ng
RT: 19.60 min Scan# 1982
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:244 Resp: 12657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.7 | 6.2 | 9.4 |
| 122 | 10.4 | 7.8 | 11.8 |

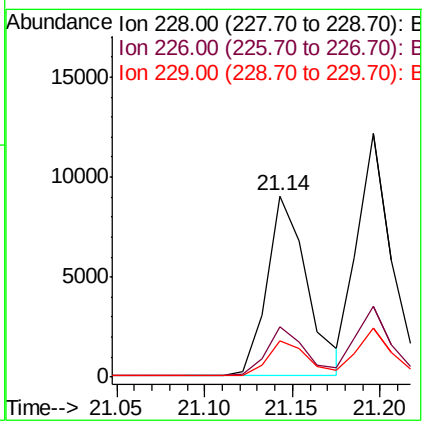


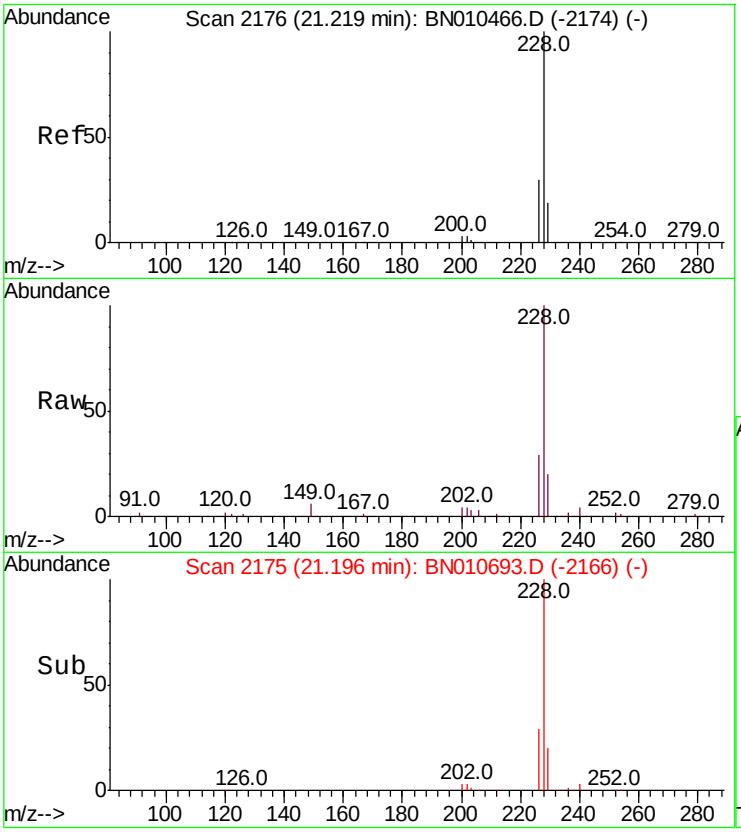




#30
Benzo(a)anthracene
Concen: 0.339 ng
RT: 21.14 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:228 Resp: 14391

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.8 | 21.7 | 32.5 |
| 229 | 20.0 | 15.6 | 23.4 |



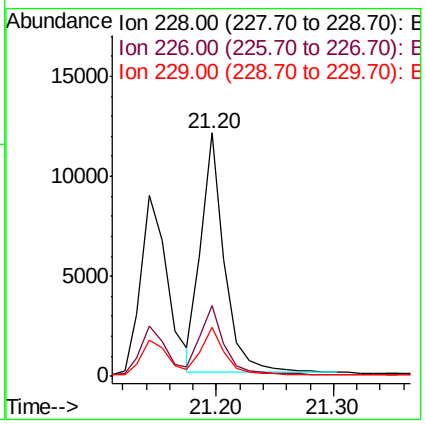


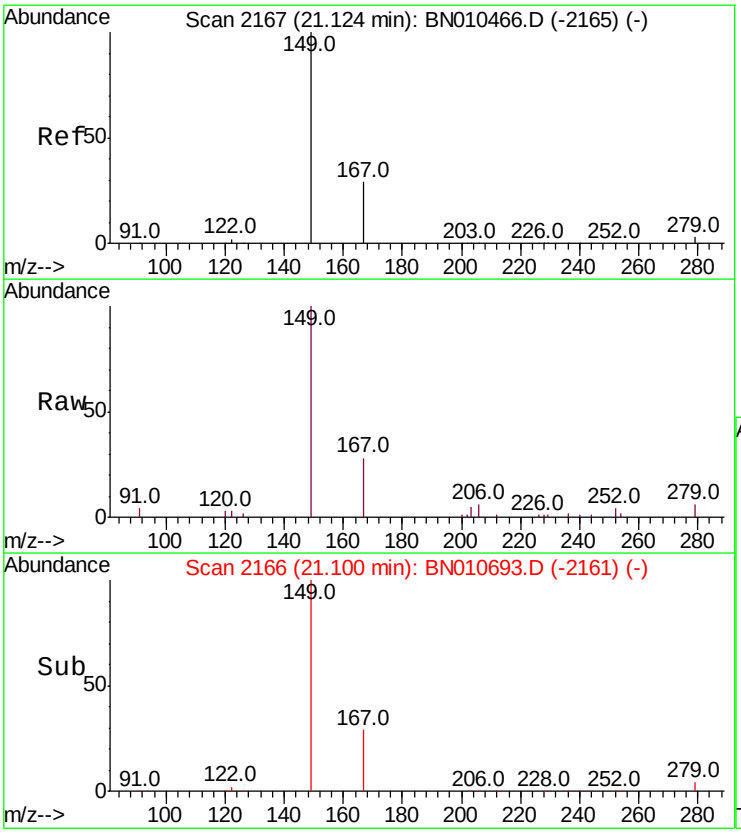

#31
Chrysene
Concen: 0.394 ng
RT: 21.20 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:228 Resp: 16664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.1 | 24.0 | 36.0 |
| 229 | 20.2 | 15.8 | 23.6 |

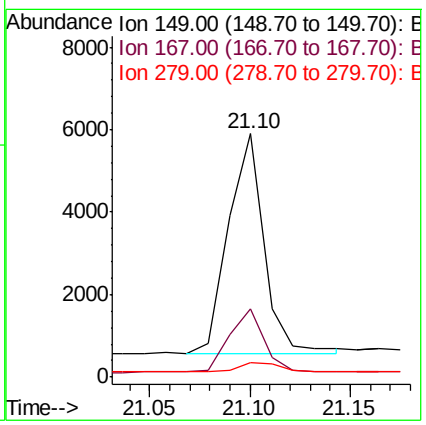


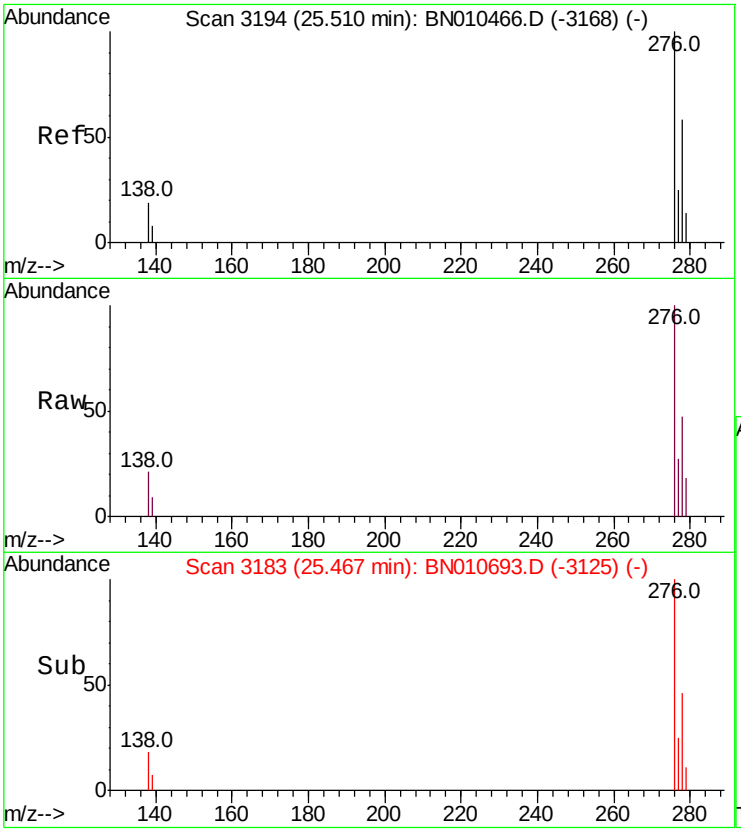




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.305 ng
RT: 21.10 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:149 Resp: 6638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.4 | 23.4 | 35.0 |
| 279 | 5.2 | 4.0 | 6.0 |



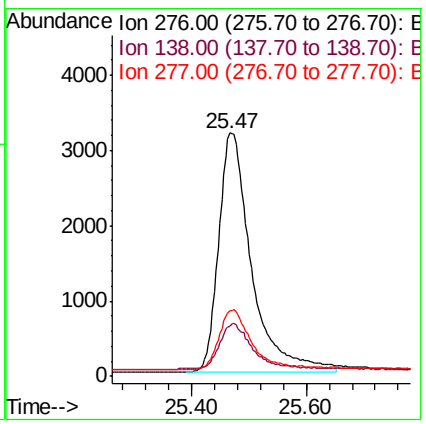


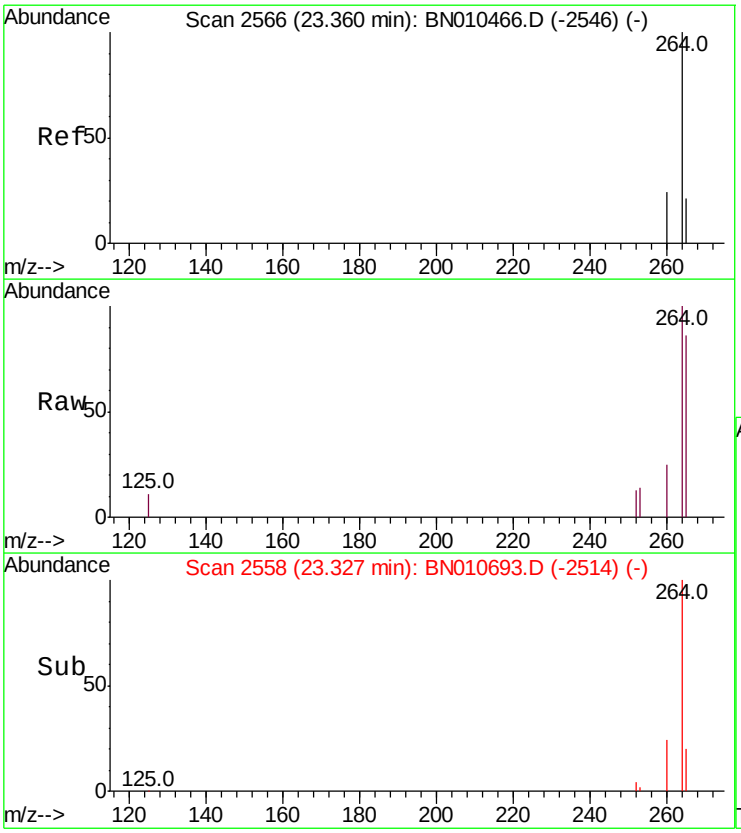

#33
Indeno(1,2,3-cd)pyrene
Concen: 0.338 ng
RT: 25.47 min Scan# 3183
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:276 Resp: 12658

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.1 | 16.4 | 24.6 |
| 277 | 24.0 | 19.8 | 29.6 |

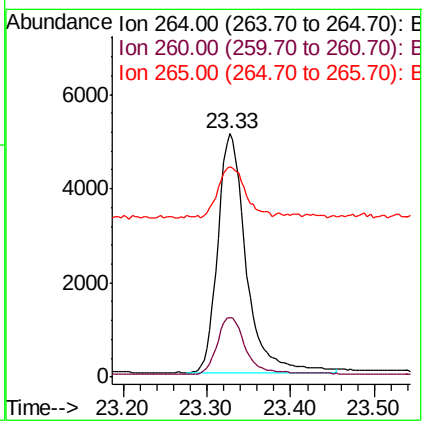


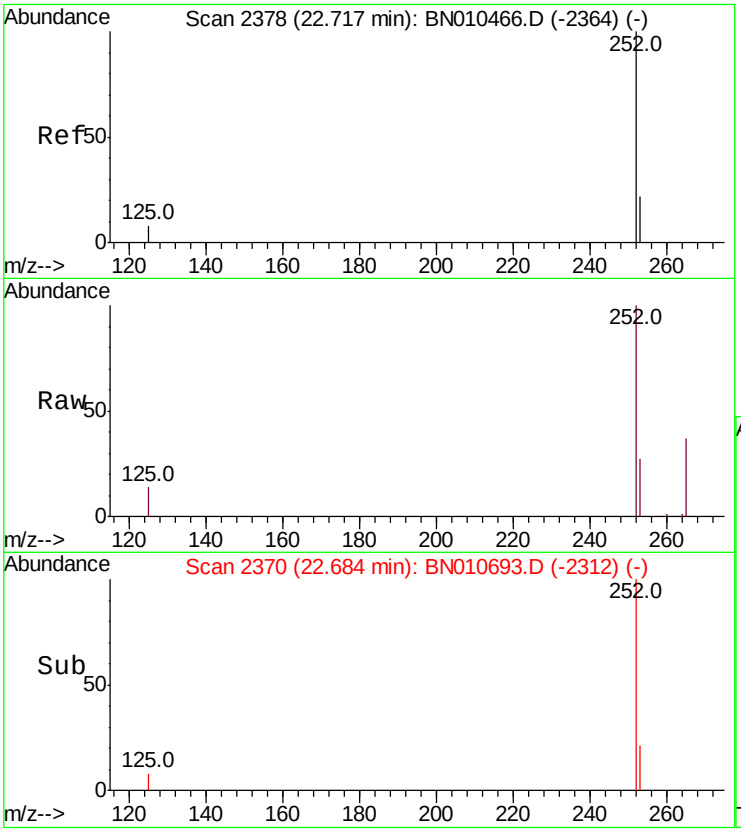




#34
Perylene-d12
Concen: 0.400 ng
RT: 23.33 min Scan# 2558
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:264 Resp: 11874

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.6 | 19.8 | 29.8 |
| 265 | 86.5 | 42.3 | 63.5# |



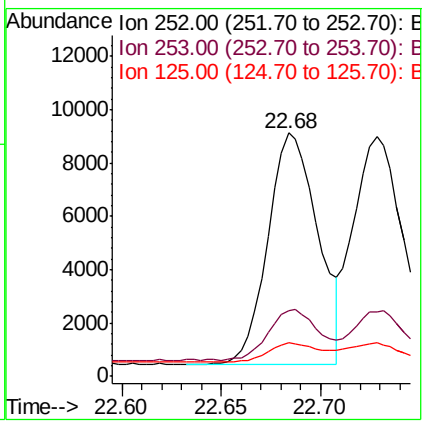


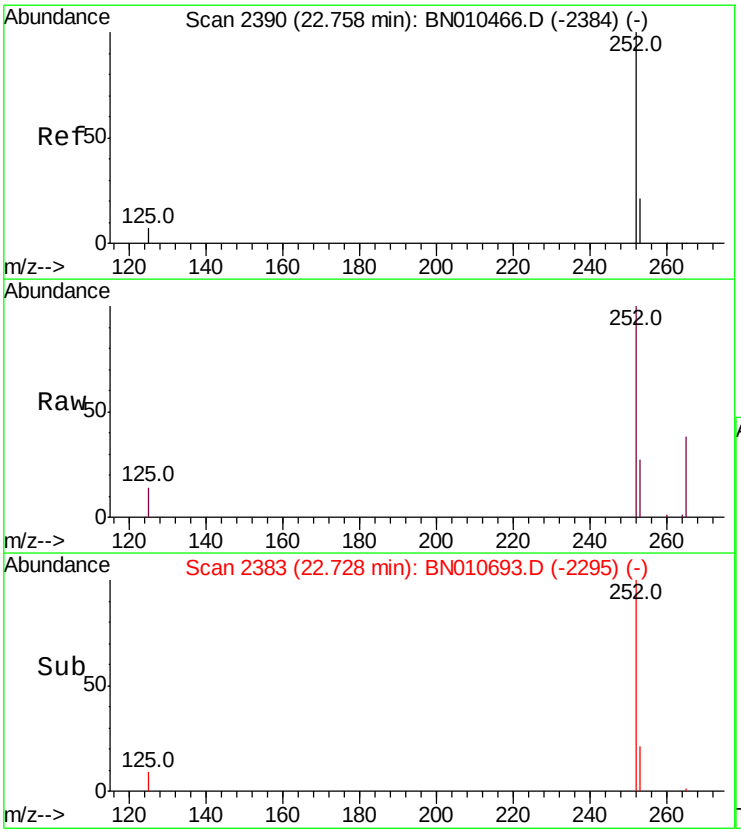

#35
Benzo(b)fluoranthene
Concen: 0.390 ng
RT: 22.68 min Scan# 2370
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:252 Resp: 15228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.0 | 20.2 | 30.4 |
| 125 | 13.6 | 9.2 | 13.8 |

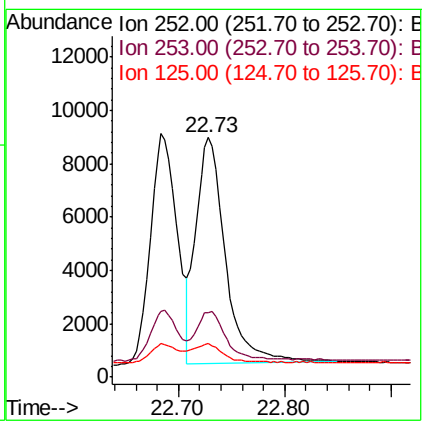


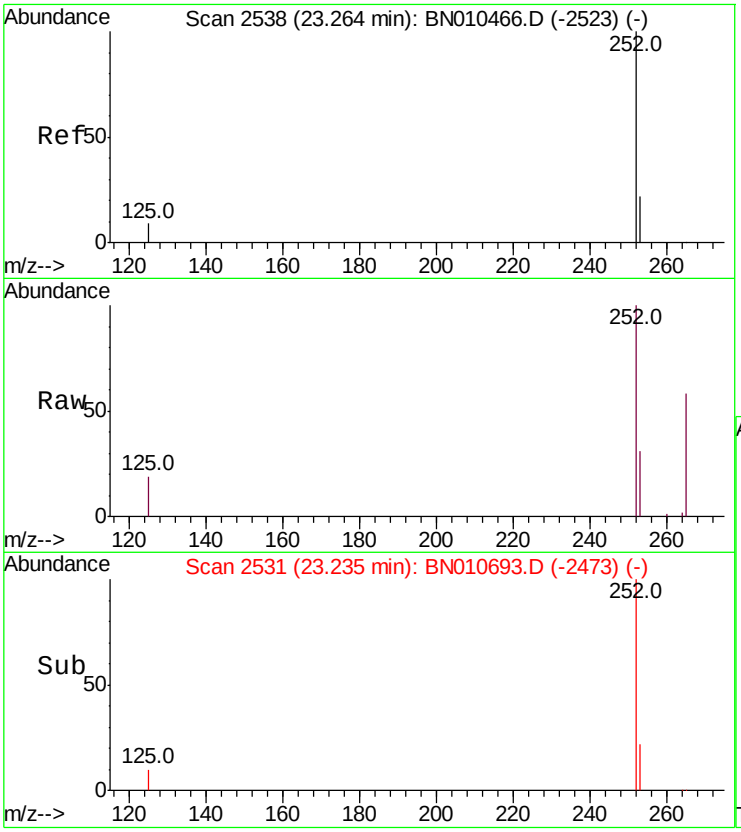




#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.73 min Scan# 2383
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:252 Resp: 16217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.0 | 20.1 | 30.1 |
| 125 | 13.9 | 9.6 | 14.4 |



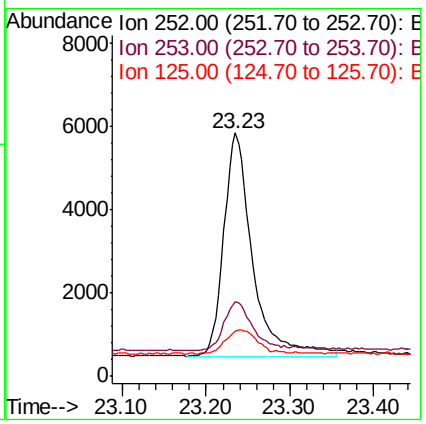


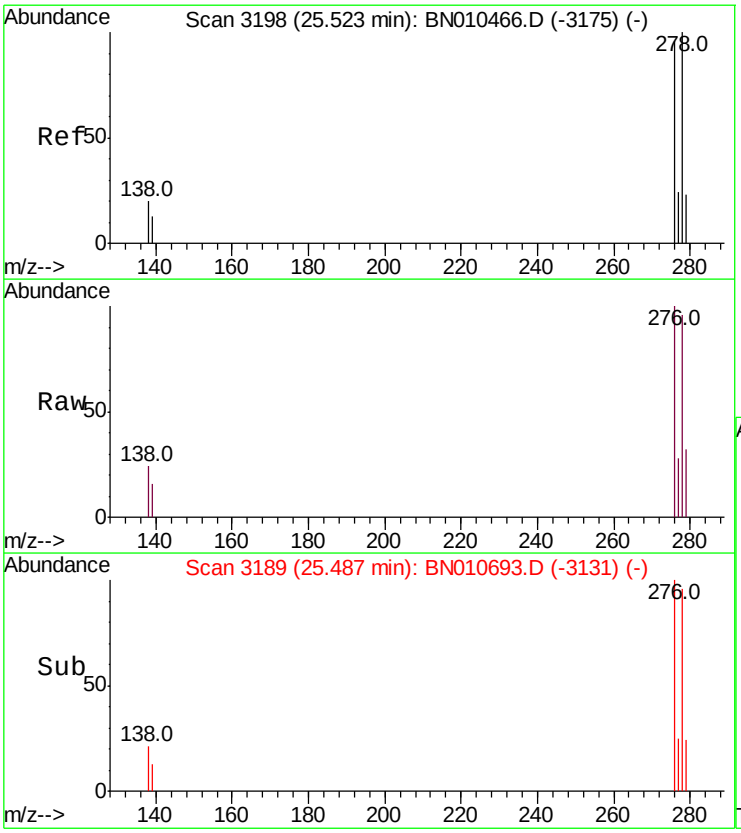

#37
Benzo(a)pyrene
Concen: 0.369 ng
RT: 23.23 min Scan# 2531
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:252 Resp: 12784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.9 | 21.8 | 32.8 |
| 125 | 18.8 | 11.0 | 16.6# |

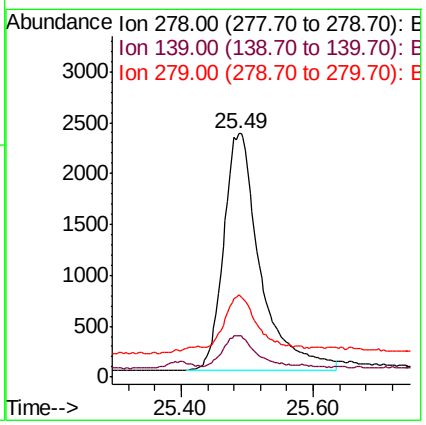


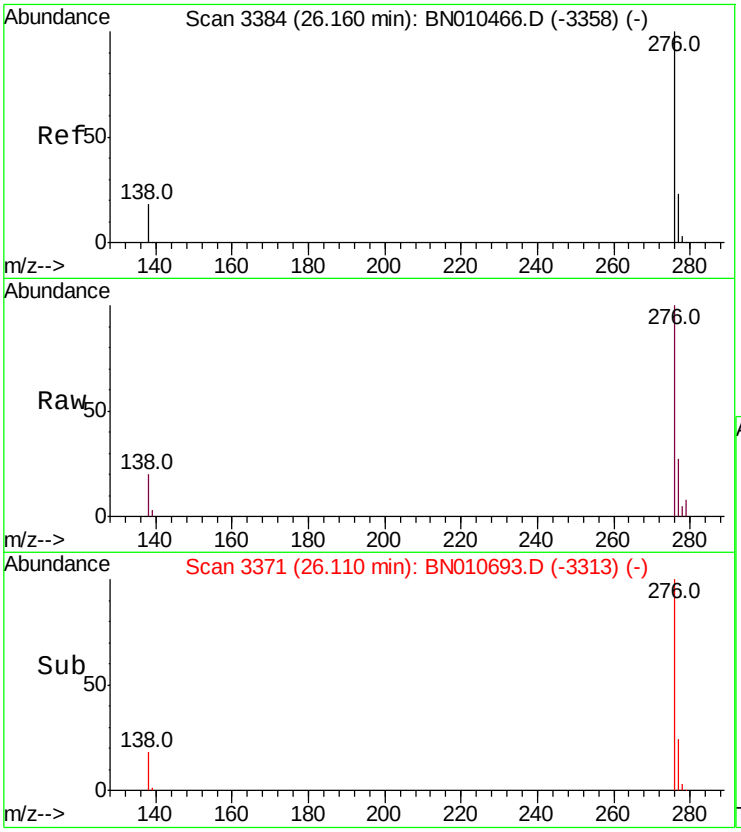




#38
Dibenzo(a,h)anthracene
Concen: 0.284 ng
RT: 25.49 min Scan# 3189
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

Tgt Ion:278 Resp: 8980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.9 | 12.3 | 18.5 |
| 279 | 33.7 | 21.9 | 32.9# |






#39
Benzo(g,h,i)perylene
Concen: 0.390 ng
RT: 26.11 min Scan# 3371
Delta R.T. 0.00 min
Lab File: BN010693.D
Acq: 12 May 2020 10:09

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

Tgt Ion:276 Resp: 12407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.6 | 20.2 | 30.2 |
| 138 | 20.5 | 15.4 | 23.2 |