Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013243.D
Acq On : 21 Dec 2020 18:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 22 01:05:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration

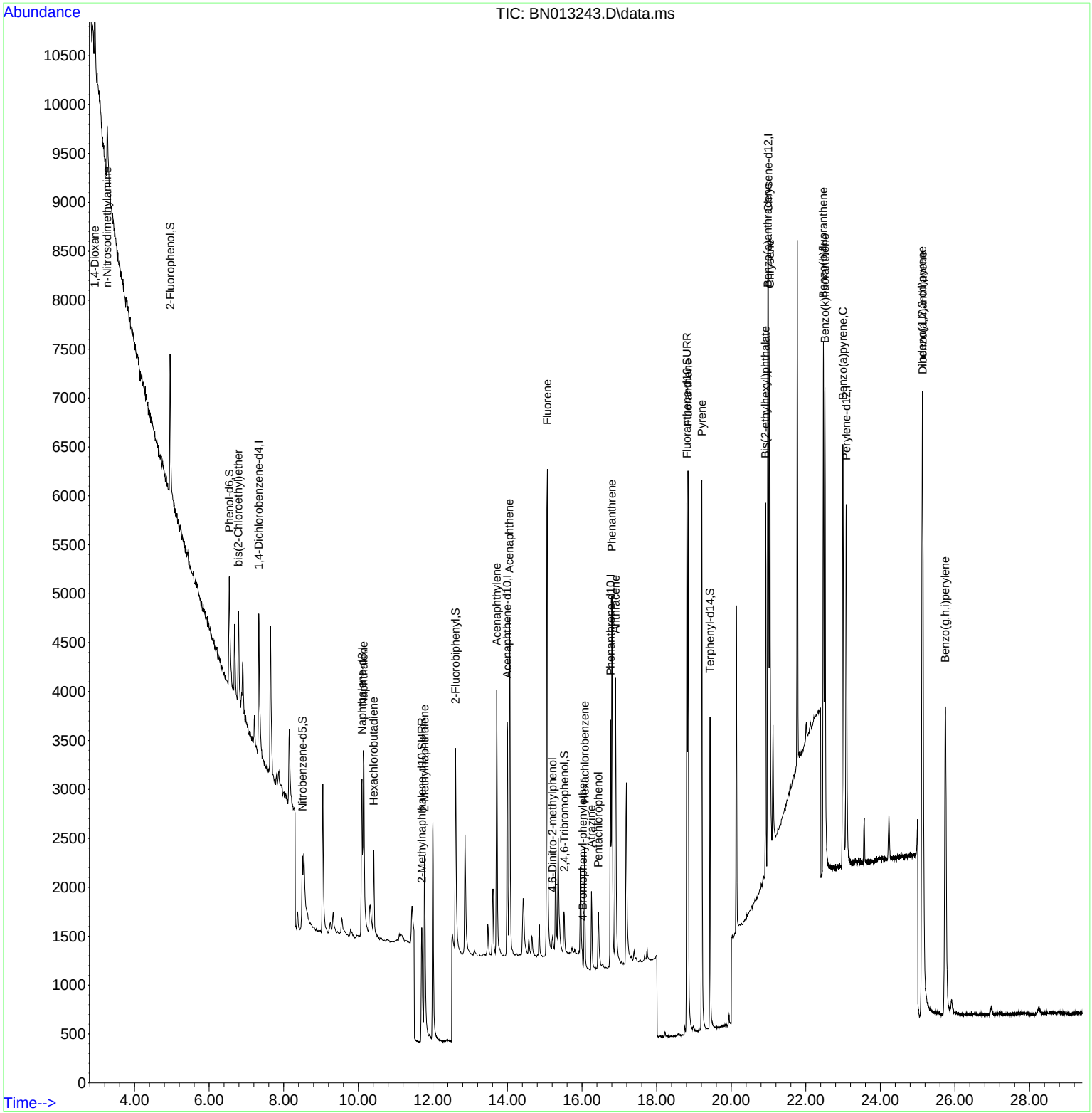
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.330 | 152 | 847 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.099 | 136 | 3054 | 0.40 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 13.991 | 164 | 1707 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.763 | 188 | 4082 | 0.40 | ng | | #-0.01 |
| 29) Chrysene-d12 | 20.995 | 240 | 4302 | 0.40 | ng | | #-0.01 |
| 36) Perylene-d12 | 23.085 | 264 | 5056 | 0.40 | ng | | -0.01 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 4.954 | 112 | 1300 | 0.37 | ng | | 0.00 |
| 5) Phenol-d6 | 6.541 | 99 | 1440 | 0.41 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.502 | 82 | 1205 | 0.38 | ng | | -0.03 |
| 11) 2-Methylnaphthalene-d10 | 11.702 | 152 | 2523 | 0.47 | ng | | -0.02 |
| 14) 2,4,6-Tribromophenol | 15.526 | 330 | 405 | 0.38 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.608 | 172 | 2493 | 0.35 | ng | | -0.03 |
| 27) Fluoranthene-d10 | 18.811 | 212 | 7025 | 0.52 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.432 | 244 | 3812 | 0.35 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.933 | 88 | 650 | 0.44 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.263 | 42 | 727 | 0.30 | ng | # | 70 |
| 6) bis(2-Chloroethyl)ether | 6.782 | 93 | 845 | 0.39 | ng | # | 84 |
| 9) Naphthalene | 10.137 | 128 | 3344 | 0.36 | ng | # | 96 |
| 10) Hexachlorobutadiene | 10.416 | 225 | 654 | 0.33 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.777 | 142 | 1957 | 0.31 | ng | | 96 |
| 16) Acenaphthylene | 13.712 | 152 | 3241 | 0.36 | ng | | 99 |
| 17) Acenaphthene | 14.054 | 154 | 2038 | 0.36 | ng | | 91 |
| 18) Fluorene | 15.069 | 166 | 2776 | 0.37 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.209 | 198 | 215 | 0.38 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.021 | 248 | 133 | 0.17 | ng | # | 83 |
| 22) Hexachlorobenzene | 16.070 | 284 | 919 | 0.33 | ng | | 94 |
| 23) Atrazine | 16.252 | 200 | 816 | 0.33 | ng | | 93 |
| 24) Pentachlorophenol | 16.435 | 266 | 412 | 0.35 | ng | | 96 |
| 25) Phenanthrene | 16.800 | 178 | 4542 | 0.34 | ng | | 99 |
| 26) Anthracene | 16.897 | 178 | 4034 | 0.34 | ng | | 99 |
| 28) Fluoranthene | 18.841 | 202 | 5765 | 0.36 | ng | # | 98 |
| 30) Pyrene | 19.213 | 202 | 5976 | 0.36 | ng | | 100 |
| 32) Benzo(a)anthracene | 20.984 | 228 | 5244 | 0.35 | ng | | 98 |
| 33) Chrysene | 21.038 | 228 | 5891 | 0.37 | ng | | 98 |
| 34) Bis(2-ethylhexyl)phtha... | 20.921 | 149 | 3757 | 0.22 | ng | | 97 |
| 35) Indeno(1,2,3-cd)pyrene | 25.125 | 276 | 7894 | 0.36 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 22.473 | 252 | 6377 | 0.36 | ng | # | 87 |
| 38) Benzo(k)fluoranthene | 22.514 | 252 | 6842 | 0.34 | ng | # | 90 |
| 39) Benzo(a)pyrene | 22.996 | 252 | 6432 | 0.36 | ng | # | 83 |
| 40) Dibenzo(a,h)anthracene | 25.136 | 278 | 6613 | 0.34 | ng | # | 89 |
| 41) Benzo(g,h,i)perylene | 25.741 | 276 | 7040 | 0.34 | ng | # | 91 |

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

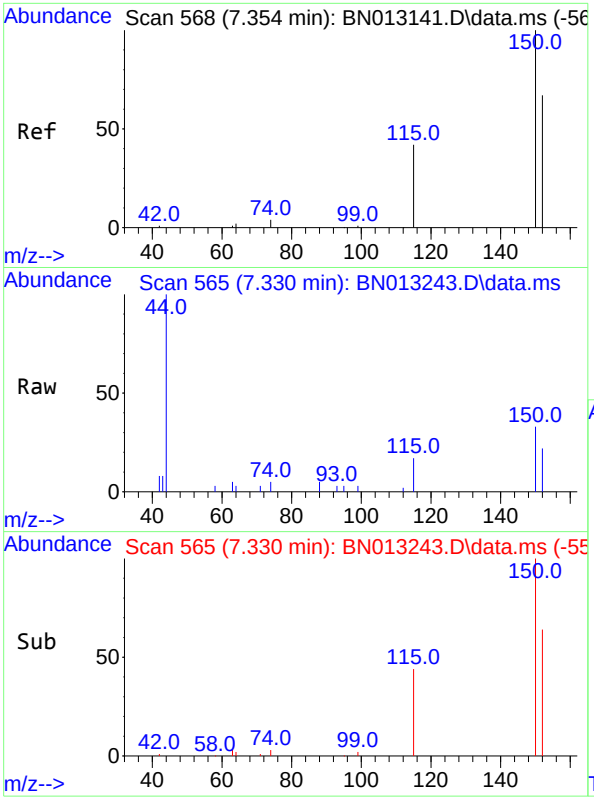
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013243.D
Acq On : 21 Dec 2020 18:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

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

Quant Time: Dec 22 01:05:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration



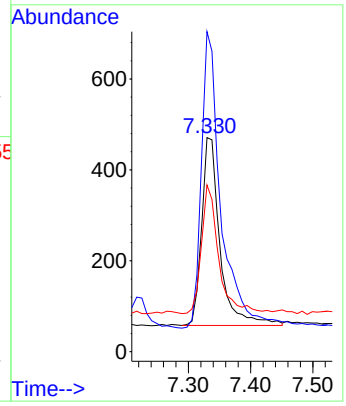
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

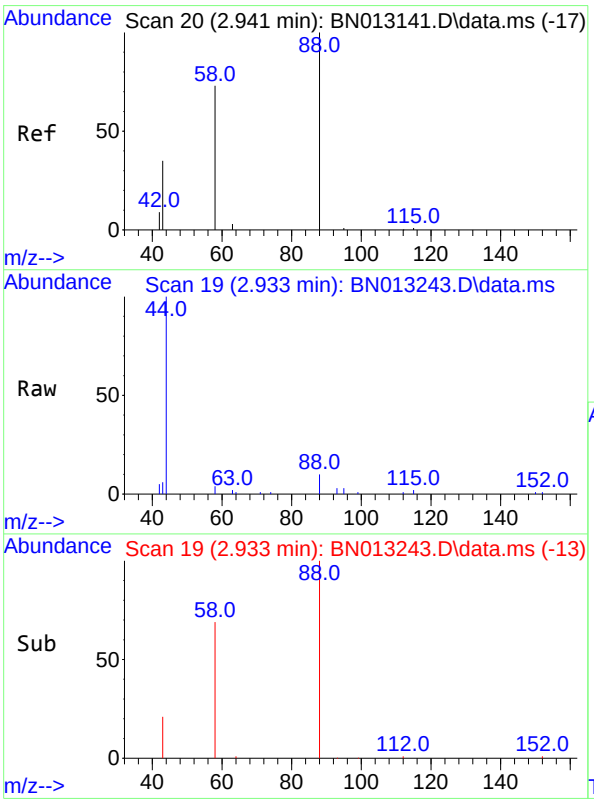



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.330 min Scan# 565
Delta R.T. -0.016 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:152 Resp: 847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.5 | 116.6 | 174.8 |
| 115 | 77.9 | 52.9 | 79.3 |

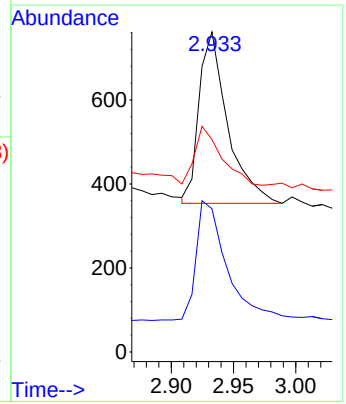


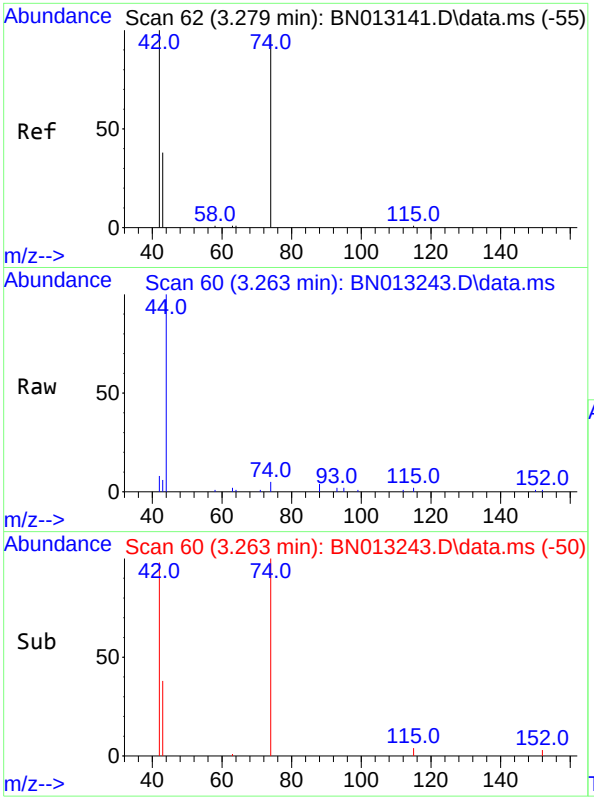

#2
1,4-Dioxane
Concen: 0.44 ng
RT: 2.933 min Scan# 19
Delta R.T. 0.000 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion: 88 Resp: 650

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 81.4 | 59.4 | 89.2 |
| 43 | 43.2 | 32.3 | 48.5 |



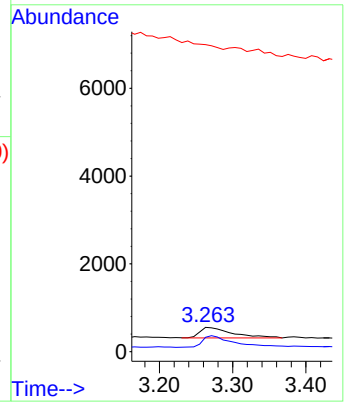
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

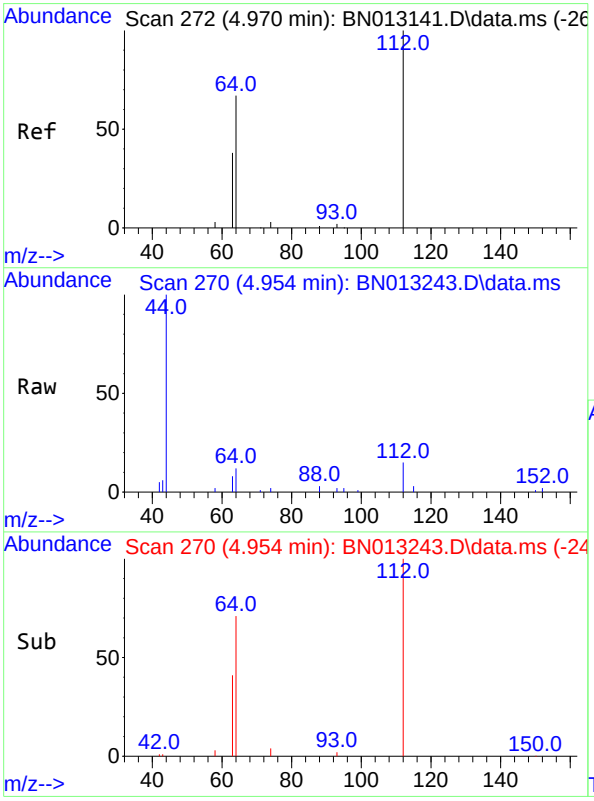



#3
n-Nitrosodimethylamine
Concen: 0.30 ng
RT: 3.263 min Scan# 60
Delta R.T. -0.016 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion: 42 Resp: 727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 108.1 | 64.4 | 96.6# |
| 44 | 0.0 | 2.8 | 4.2# |

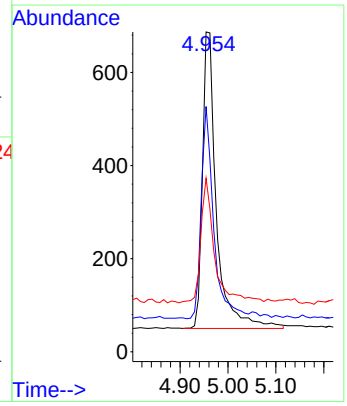


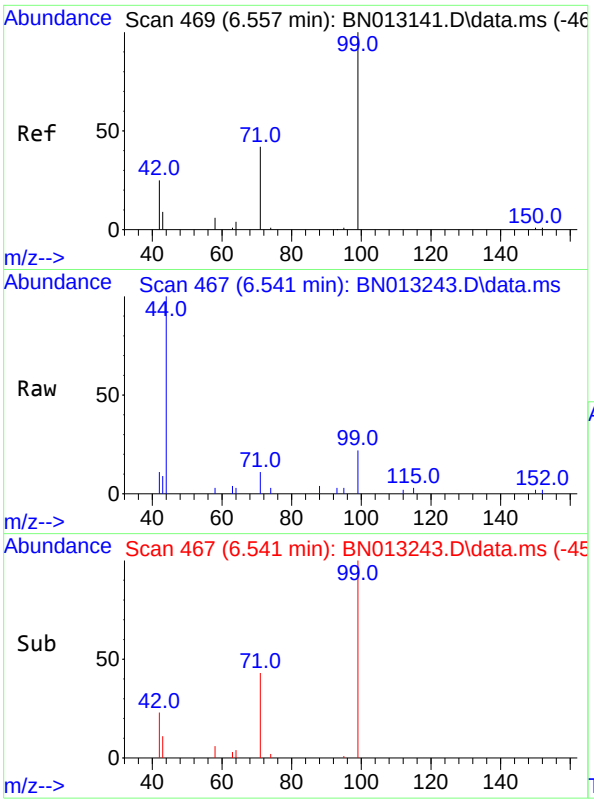

#4
2-Fluorophenol
Concen: 0.37 ng
RT: 4.954 min Scan# 270
Delta R.T. -0.008 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:112 Resp: 1300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.9 | 49.5 | 74.3 |
| 63 | 41.1 | 32.0 | 48.0 |



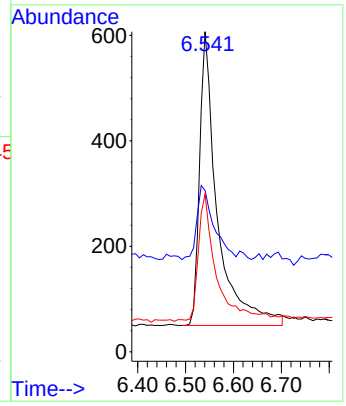
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

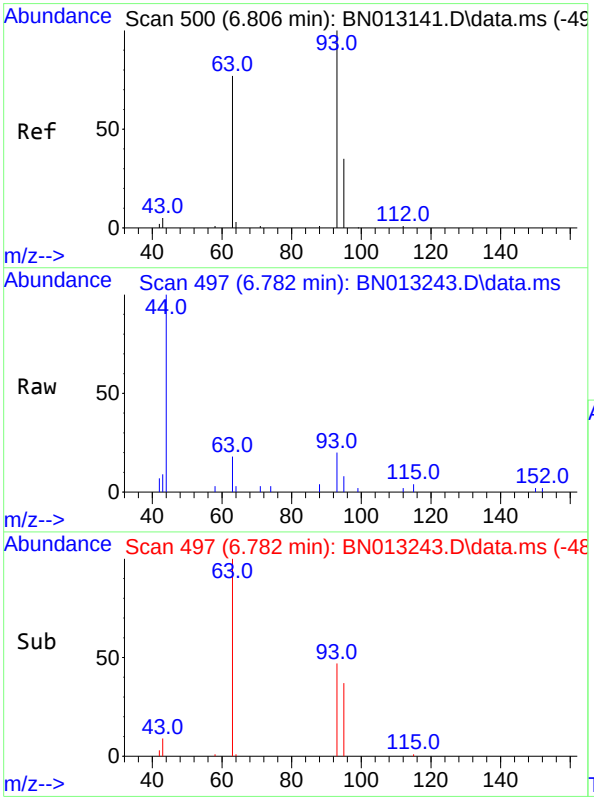



#5
Phenol-d6
Concen: 0.41 ng
RT: 6.541 min Scan# 467
Delta R.T. -0.008 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion: 99 Resp: 1440

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.9 | 22.4 | 33.6 |
| 71 | 44.4 | 37.8 | 56.6 |

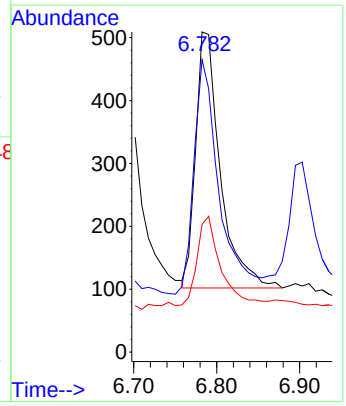


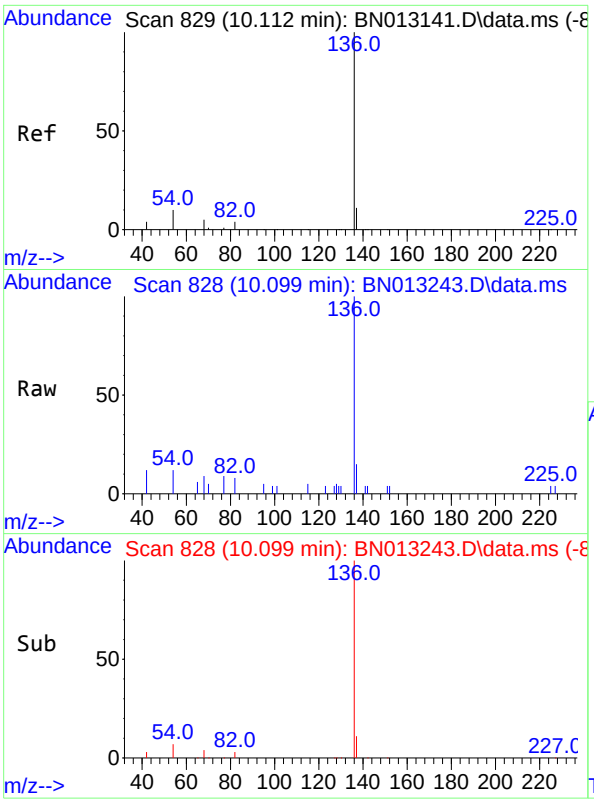

#6
bis(2-Chloroethyl)ether
Concen: 0.39 ng
RT: 6.782 min Scan# 497
Delta R.T. -0.016 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion: 93 Resp: 845

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 93.8 | 63.1 | 94.7 |
| 95 | 39.6 | 26.1 | 39.1# |



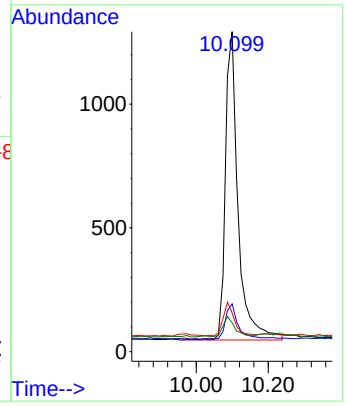
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

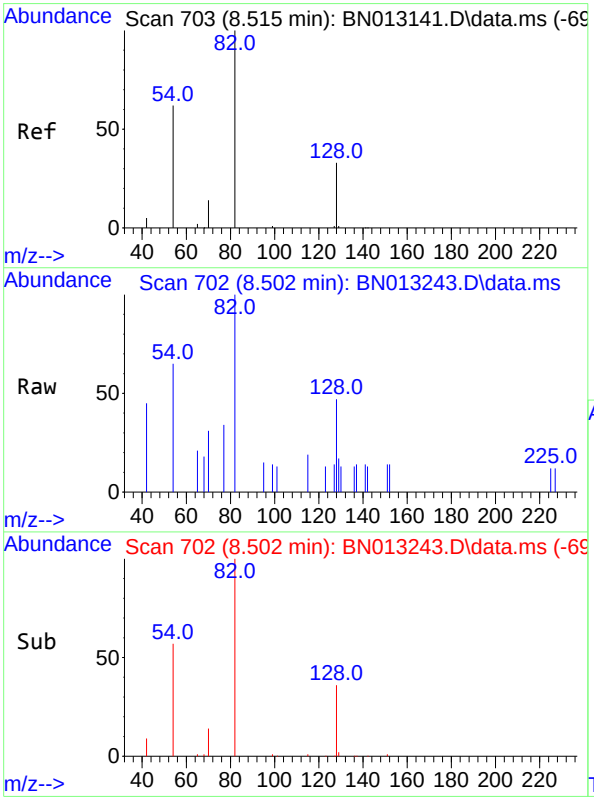



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.099 min Scan# 828
Delta R.T. -0.013 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:136 Resp: 3054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 14.9 | 10.6 | 15.8 |
| 54 | 12.1 | 8.6 | 12.8 |
| 68 | 9.0 | 5.7 | 8.5# |

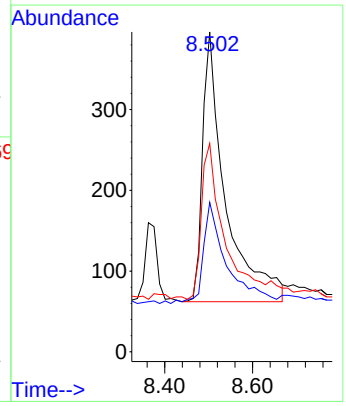


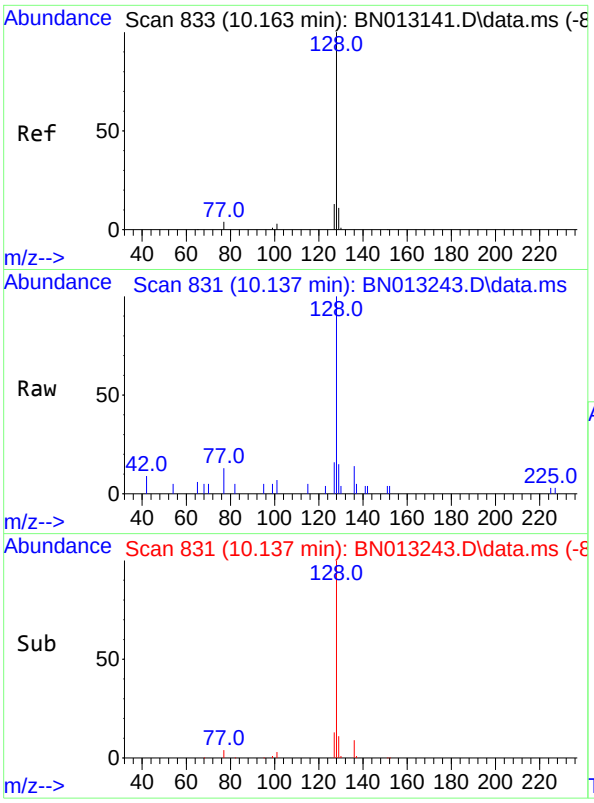




#8
Nitrobenzene-d5
Concen: 0.38 ng
RT: 8.502 min Scan# 702
Delta R.T. -0.025 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion: 82 Resp: 1205

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.7 | 30.6 | 46.0# |
| 54 | 65.2 | 48.3 | 72.5 |

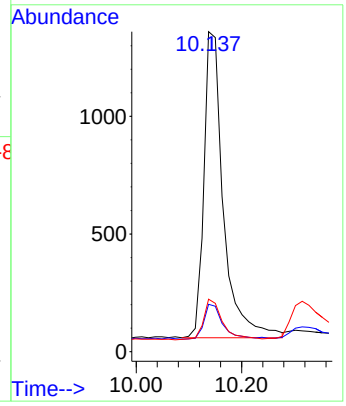




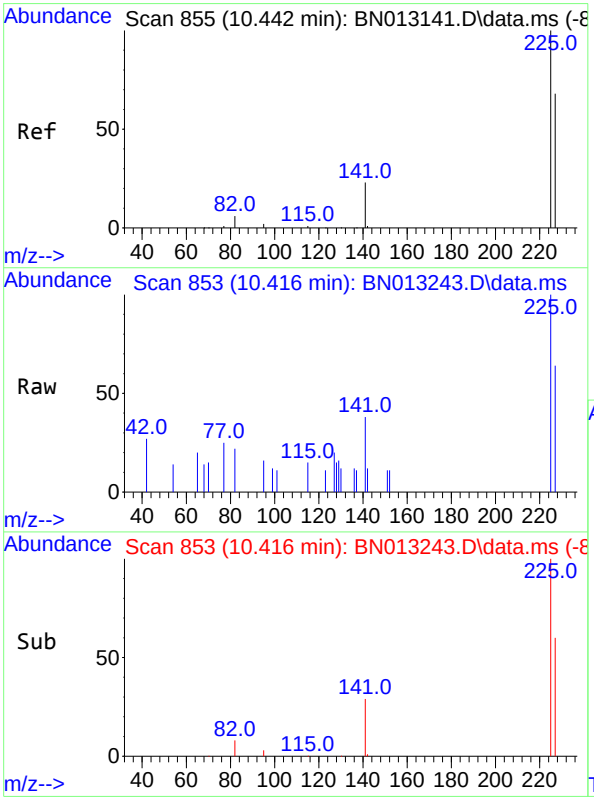

#9
Naphthalene
Concen: 0.36 ng
RT: 10.137 min Scan# 831
Delta R.T. -0.025 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:128 Resp: 3344

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 14.8 | 9.8 | 14.8# |
| 127 | 16.4 | 12.2 | 18.4 |



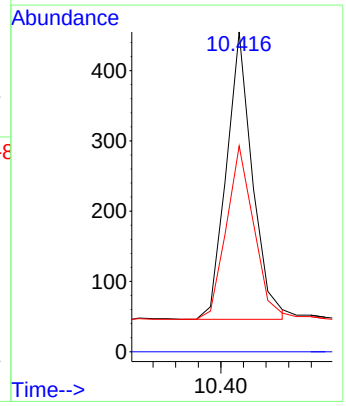

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4



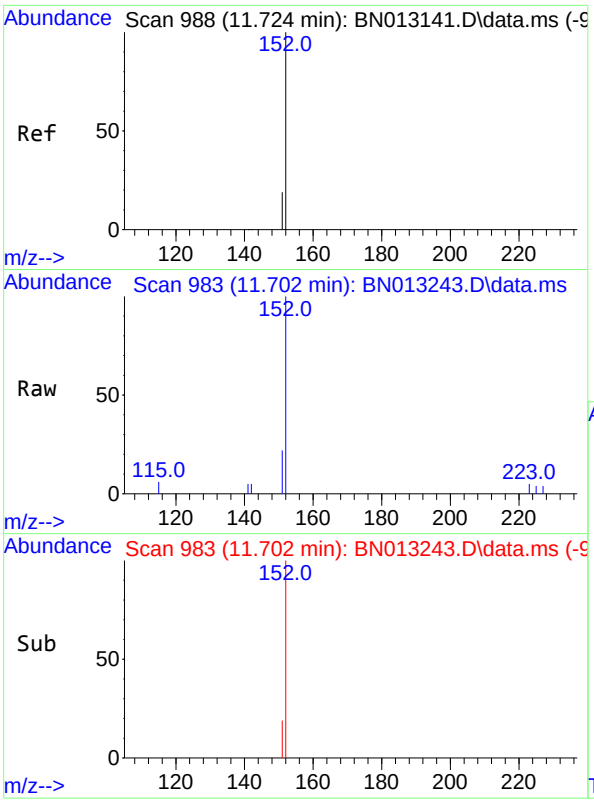

#10
Hexachlorobutadiene
Concen: 0.33 ng
RT: 10.416 min Scan# 853
Delta R.T. 0.000 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:225 Resp: 654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 0.0 | 0.0 |
| 227 | 64.1 | 51.0 | 76.6 |



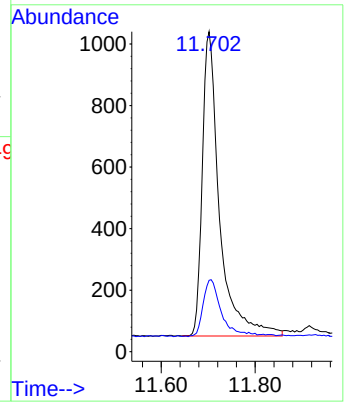
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

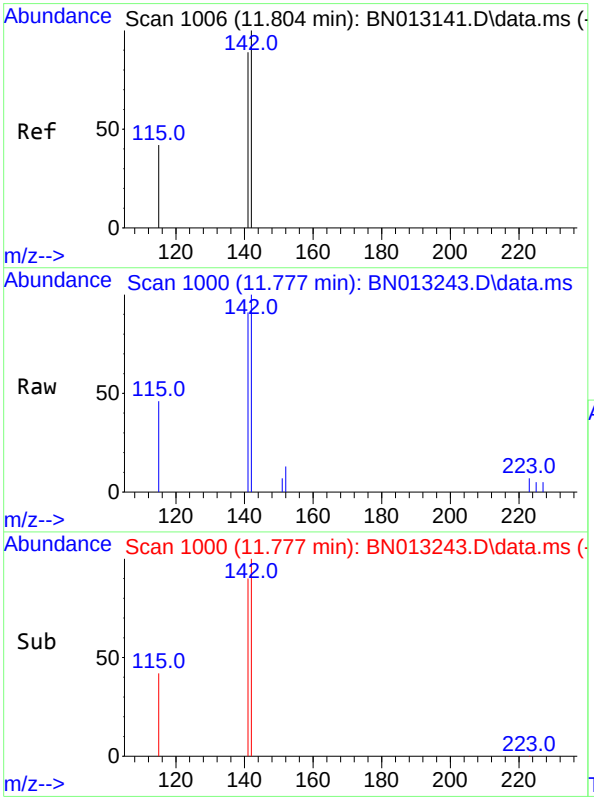



#11
2-Methylnaphthalene-d10
Concen: 0.47 ng
RT: 11.702 min Scan# 983
Delta R.T. -0.022 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:152 Resp: 2523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 16.7 | 25.1 |

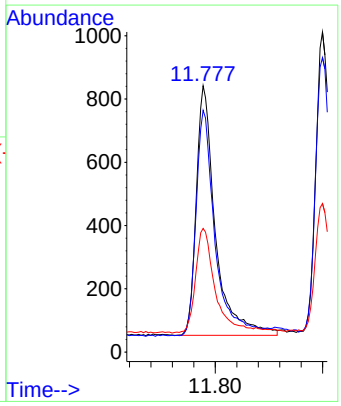


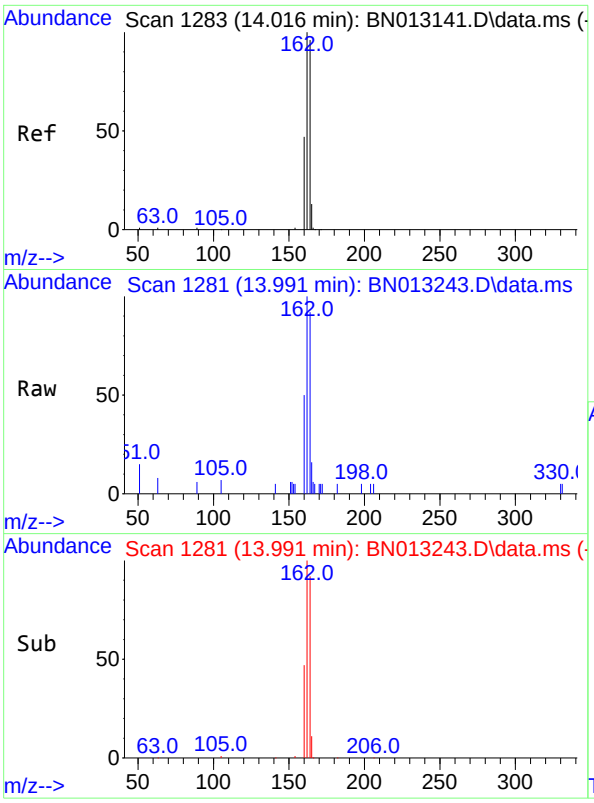

#12
2-Methylnaphthalene
Concen: 0.31 ng
RT: 11.777 min Scan# 1000
Delta R.T. -0.027 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:142 Resp: 1957

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 90.7 | 69.4 | 104.2 |
| 115 | 46.4 | 35.7 | 53.5 |



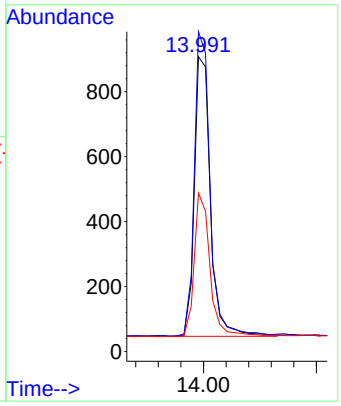
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

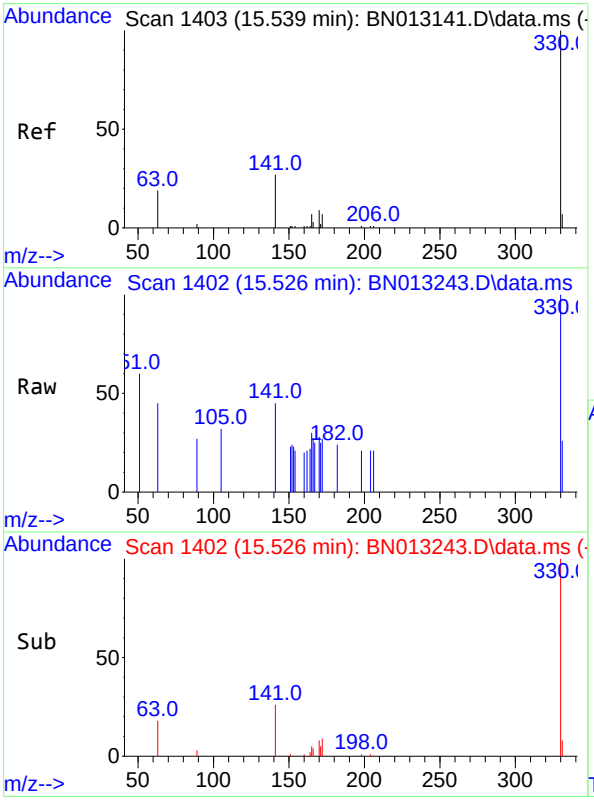



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. -0.013 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:164 Resp: 1707

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 108.5 | 80.6 | 120.8 |
| 160 | 53.7 | 39.5 | 59.3 |

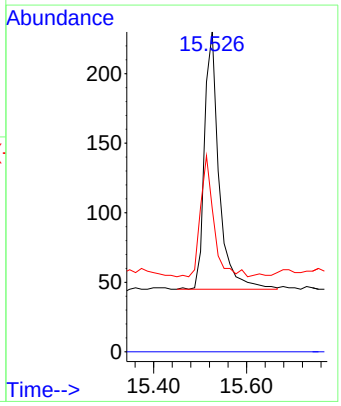


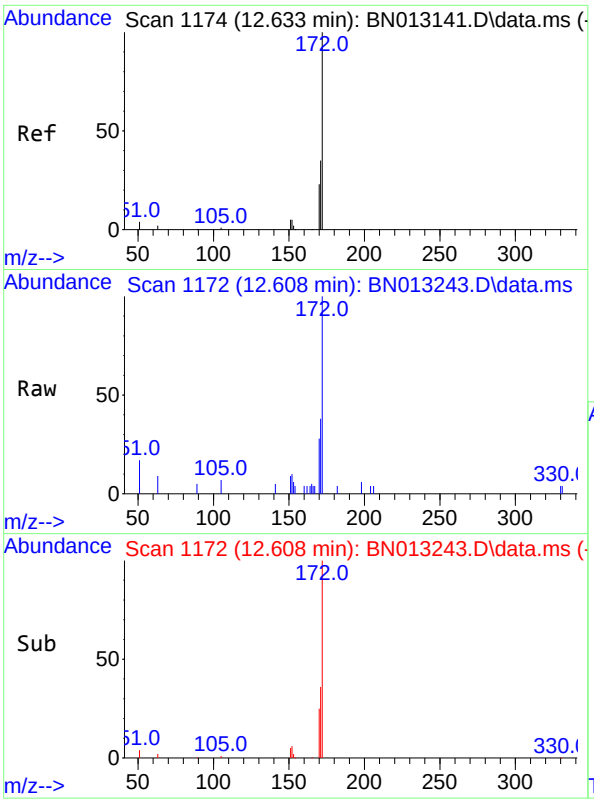

#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.526 min Scan# 1402
Delta R.T. -0.013 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:330 Resp: 405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 42.7 | 34.4 | 51.6 |



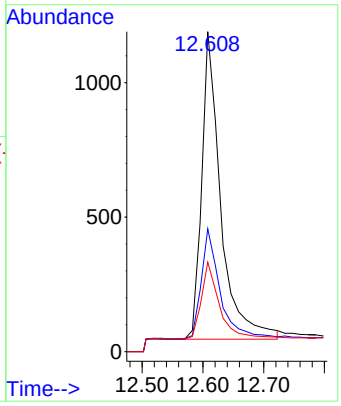
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

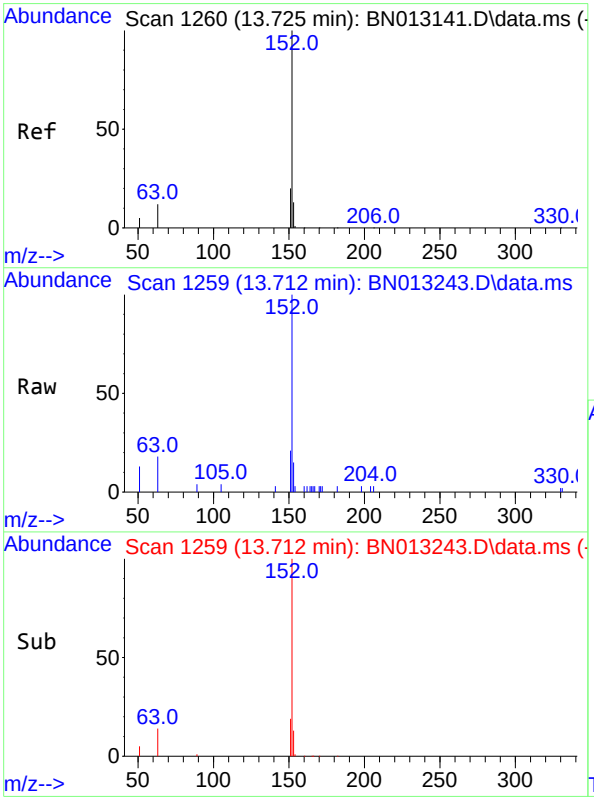



#15
2-Fluorobiphenyl
Concen: 0.35 ng
RT: 12.608 min Scan# 1172
Delta R.T. -0.025 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:172 Resp: 2493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 38.4 | 28.2 | 42.4 |
| 170 | 28.0 | 20.0 | 30.0 |

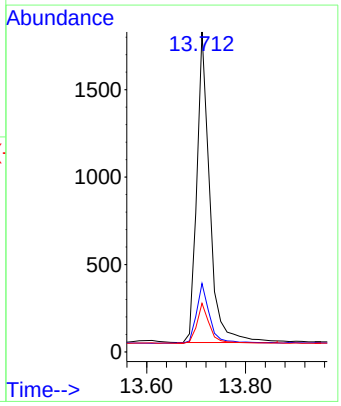


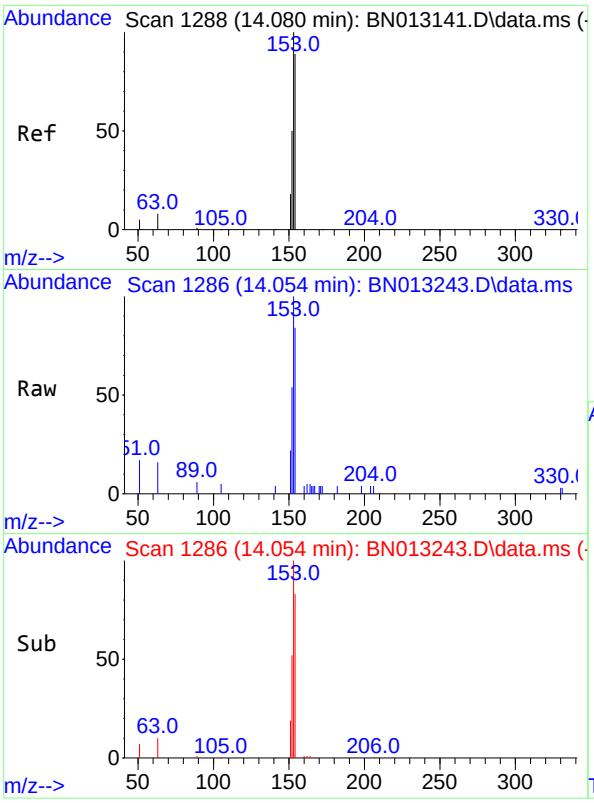

#16
Acenaphthylene
Concen: 0.36 ng
RT: 13.712 min Scan# 1259
Delta R.T. -0.013 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:152 Resp: 3241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.0 | 15.8 | 23.8 |
| 153 | 12.7 | 10.6 | 16.0 |



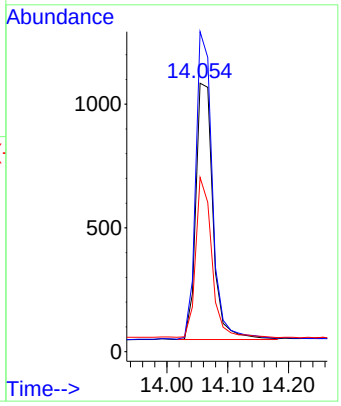
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

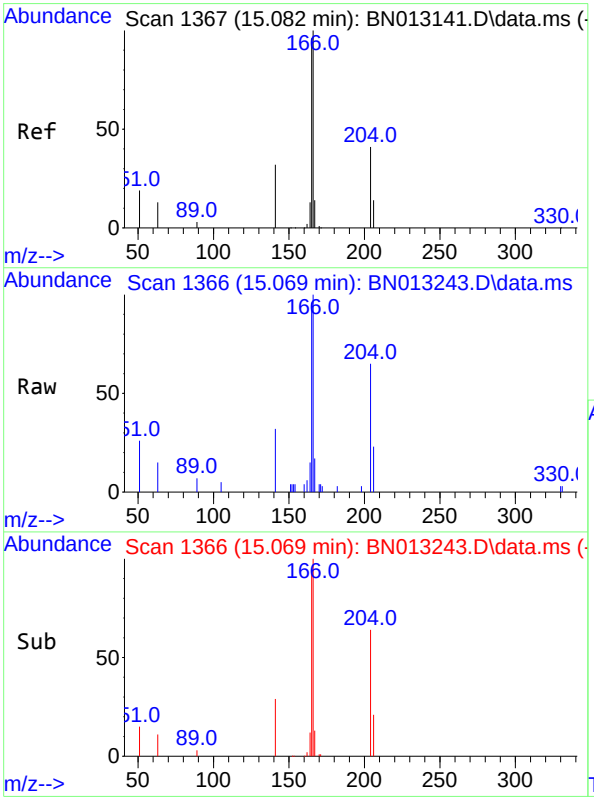



#17
Acenaphthene
Concen: 0.36 ng
RT: 14.054 min Scan# 1286
Delta R.T. -0.013 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:154 Resp: 2038

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 116.3 | 83.6 | 125.4 |
| 152 | 57.8 | 43.9 | 65.9 |

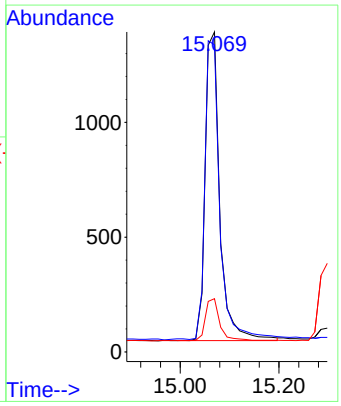


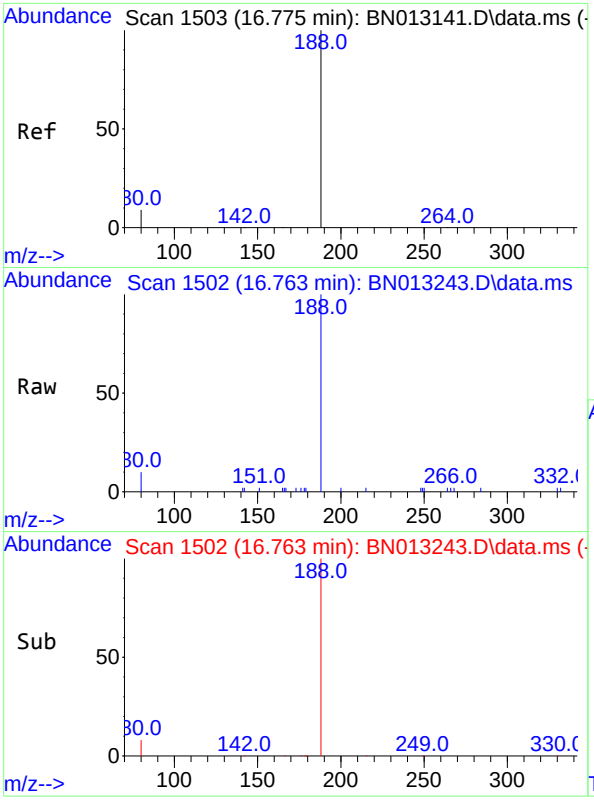

#18
Fluorene
Concen: 0.37 ng
RT: 15.069 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:166 Resp: 2776

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 99.8 | 78.6 | 118.0 |
| 167 | 13.2 | 10.7 | 16.1 |



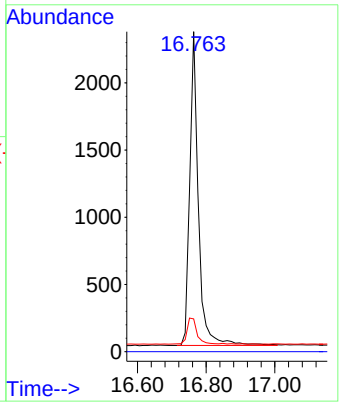
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

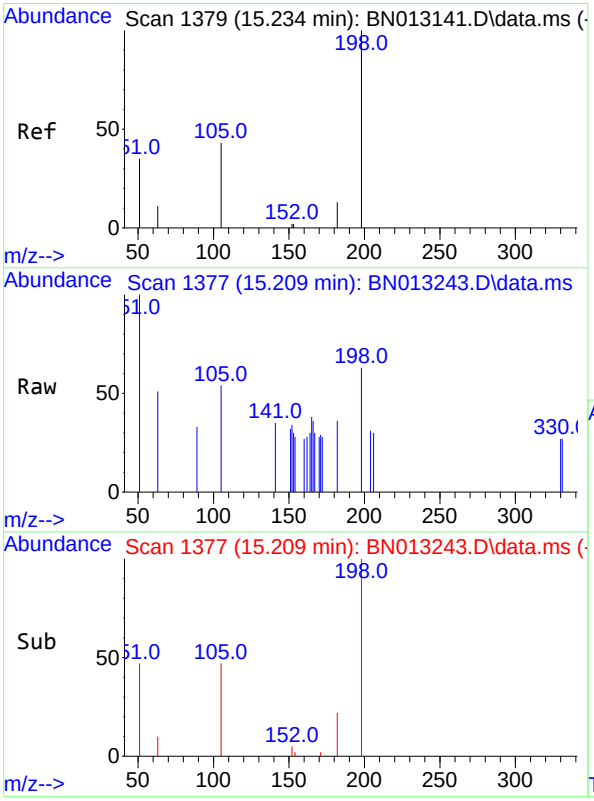



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.763 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:188 Resp: 4082

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.3 | 5.0 | 7.4# |

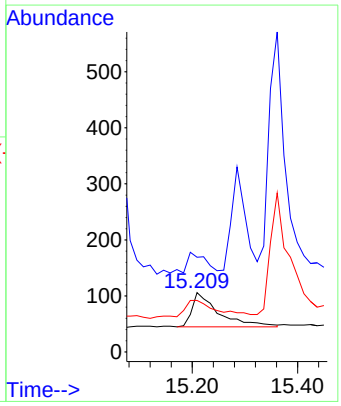


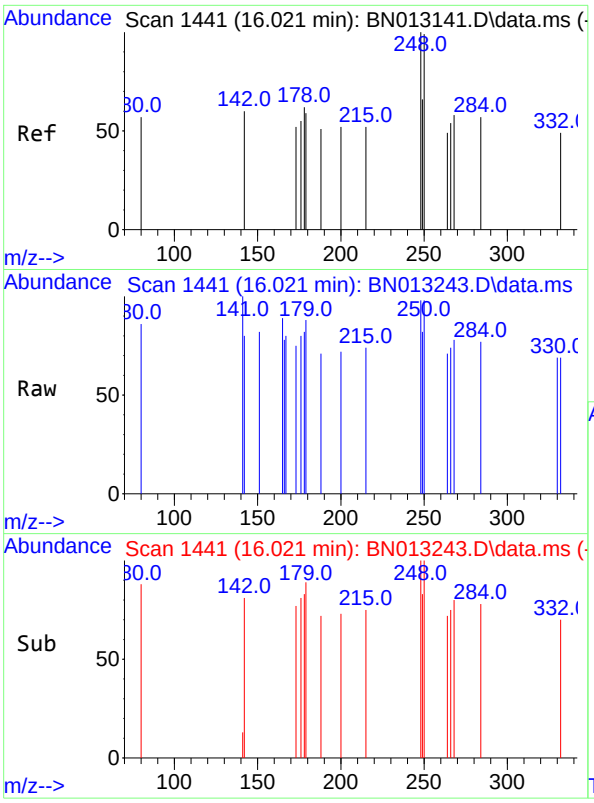

#20
4,6-Dinitro-2-methylphenol
Concen: 0.38 ng
RT: 15.209 min Scan# 1377
Delta R.T. -0.051 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:198 Resp: 215

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 159.4 | 43.5 | 65.3# |
| 105 | 86.8 | 27.2 | 40.8# |



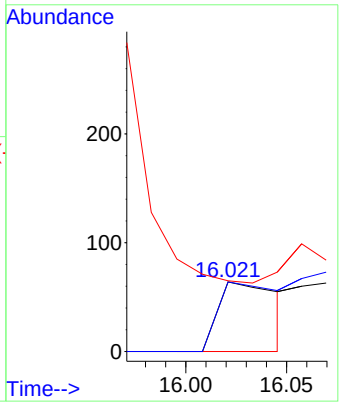
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

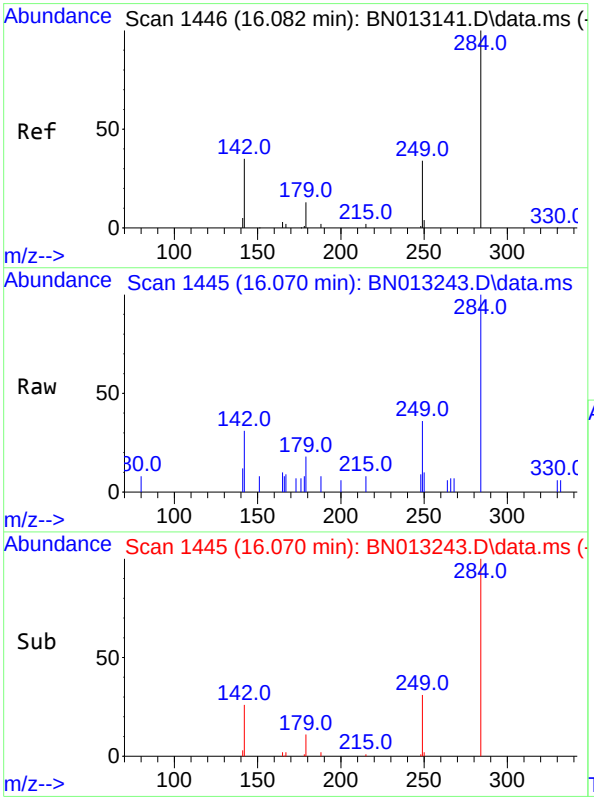



#21
4-Bromophenyl-phenylether
Concen: 0.17 ng
RT: 16.021 min Scan# 1441
Delta R.T. 0.000 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:248 Resp: 133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.0 | 77.3 | 115.9 |
| 141 | 101.6 | 57.8 | 86.8# |

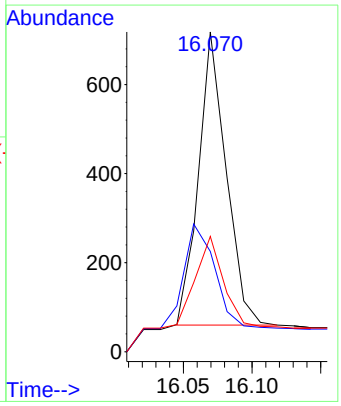


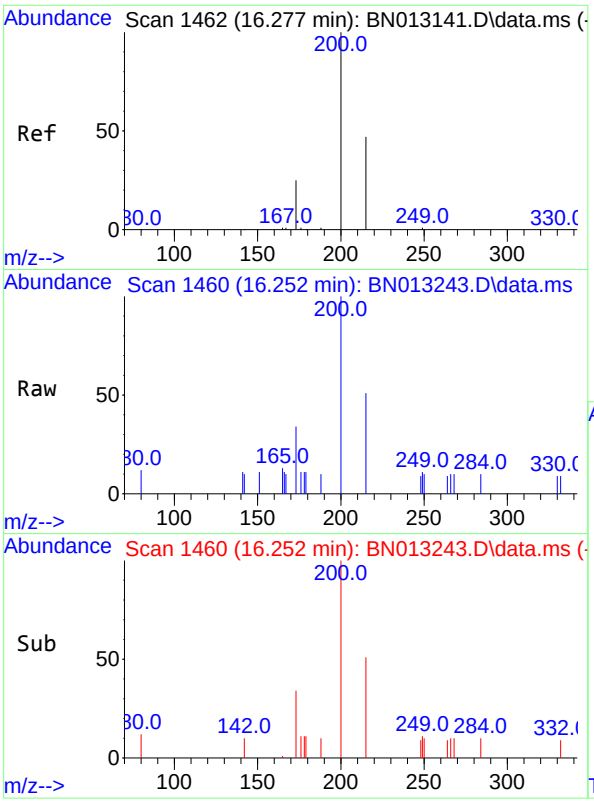

#22
Hexachlorobenzene
Concen: 0.33 ng
RT: 16.070 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:284 Resp: 919

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 35.8 | 32.0 | 48.0 |
| 249 | 30.8 | 27.0 | 40.6 |



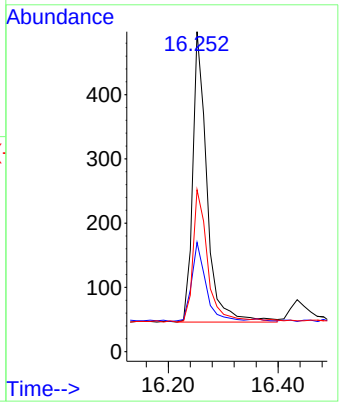
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

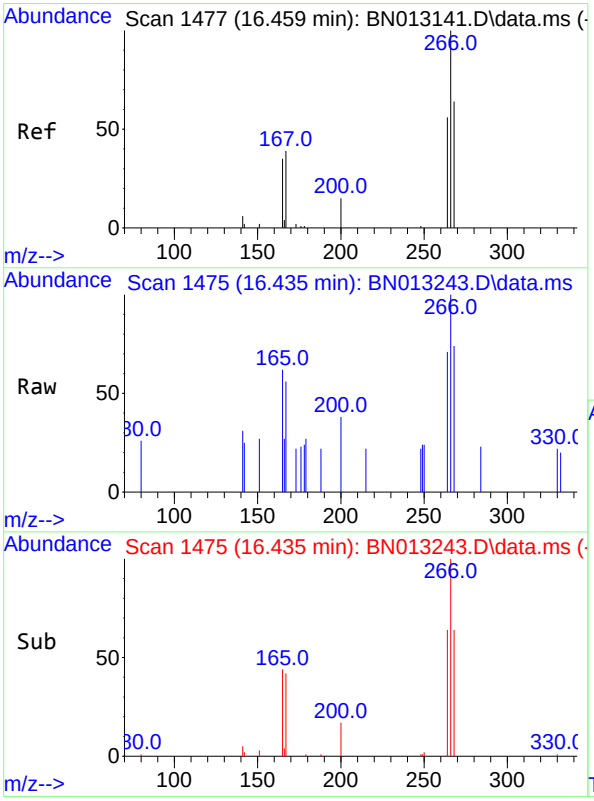



#23
Atrazine
Concen: 0.33 ng
RT: 16.252 min Scan# 1460
Delta R.T. -0.024 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:200 Resp: 816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 34.1 | 22.8 | 34.2 |
| 215 | 50.6 | 38.1 | 57.1 |

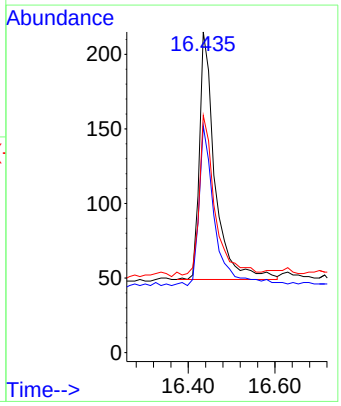


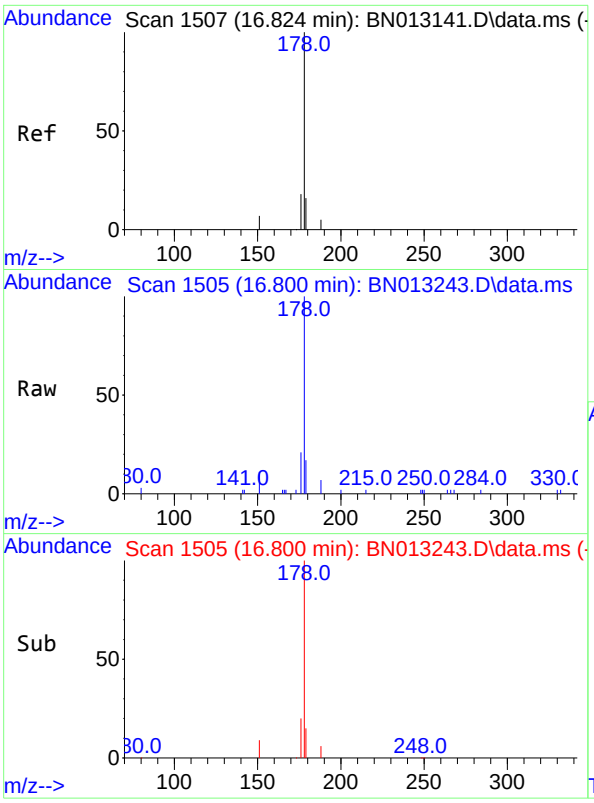

#24
Pentachlorophenol
Concen: 0.35 ng
RT: 16.435 min Scan# 1475
Delta R.T. -0.012 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:266 Resp: 412

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 66.3 | 50.9 | 76.3 |
| 268 | 68.0 | 51.5 | 77.3 |



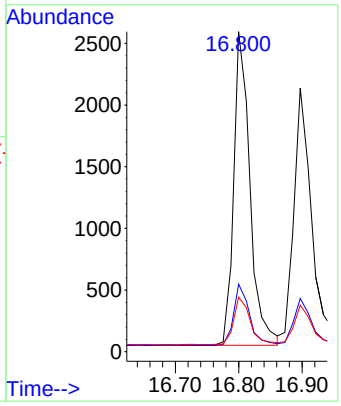
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

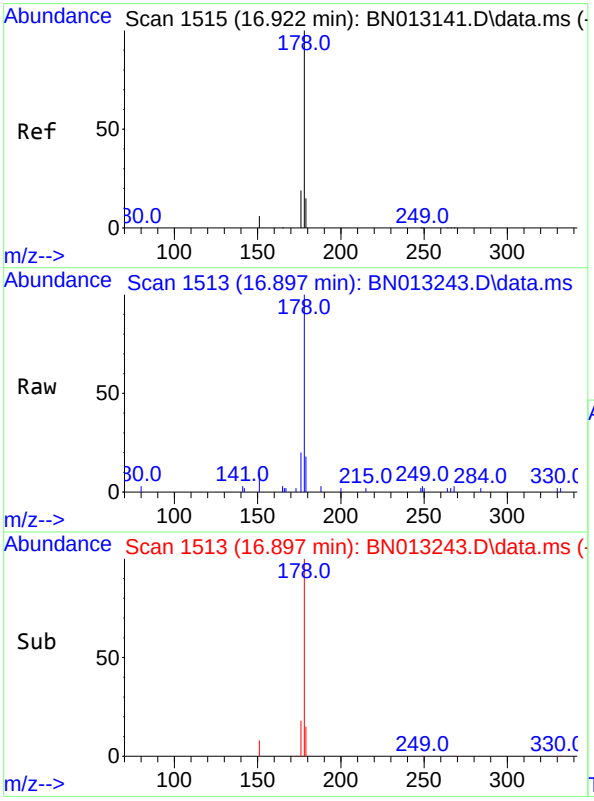



#25
Phenanthrene
Concen: 0.34 ng
RT: 16.800 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:178 Resp: 4542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 14.8 | 22.2 |
| 179 | 15.4 | 12.4 | 18.6 |

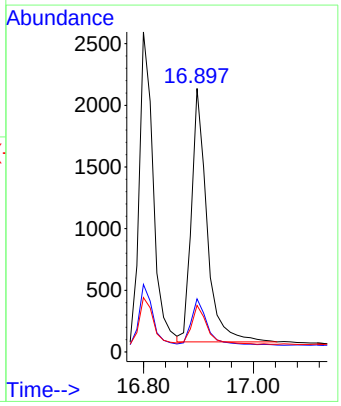


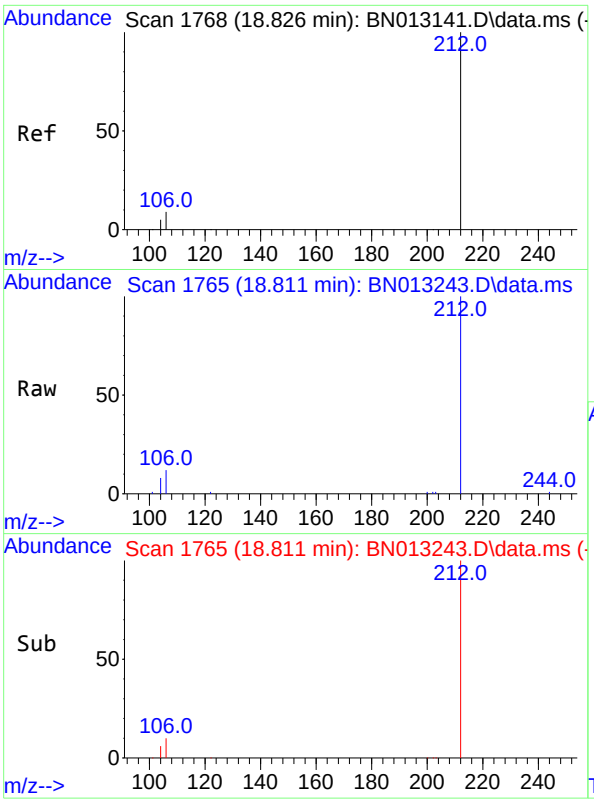

#26
Anthracene
Concen: 0.34 ng
RT: 16.897 min Scan# 1513
Delta R.T. -0.024 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:178 Resp: 4034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.1 | 14.8 | 22.2 |
| 179 | 15.6 | 12.5 | 18.7 |



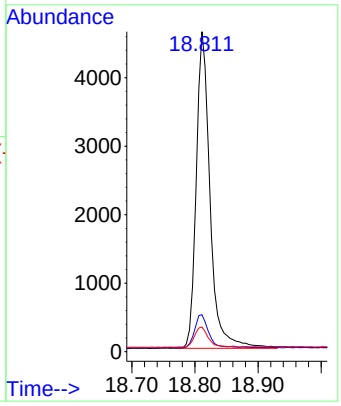
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

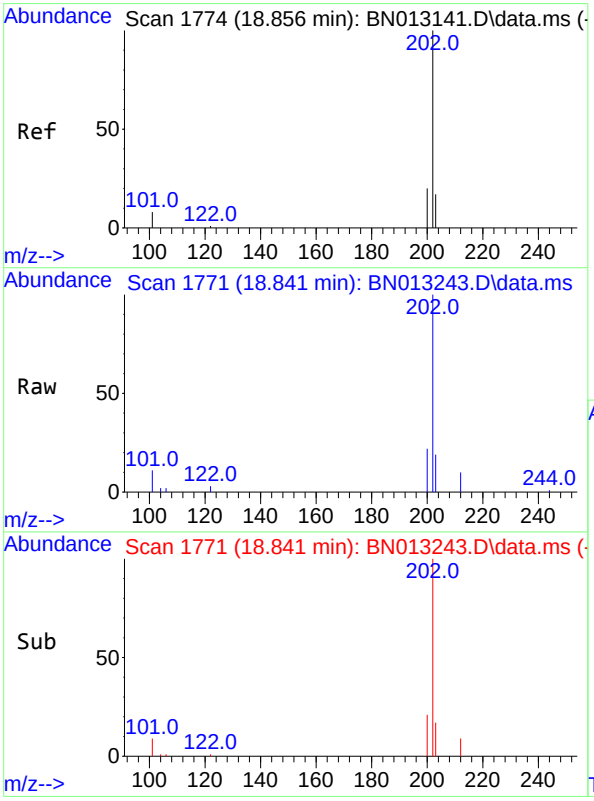



#27
Fluoranthene-d10
Concen: 0.52 ng
RT: 18.811 min Scan# 1765
Delta R.T. -0.010 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:212 Resp: 7025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 10.4 | 6.8 | 10.2# |
| 104 | 6.3 | 4.1 | 6.1# |

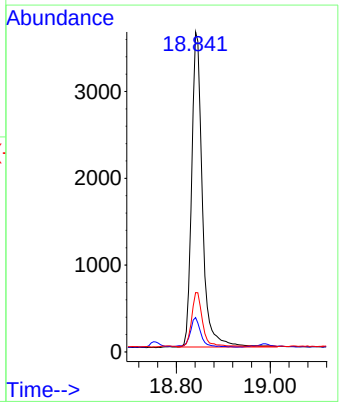


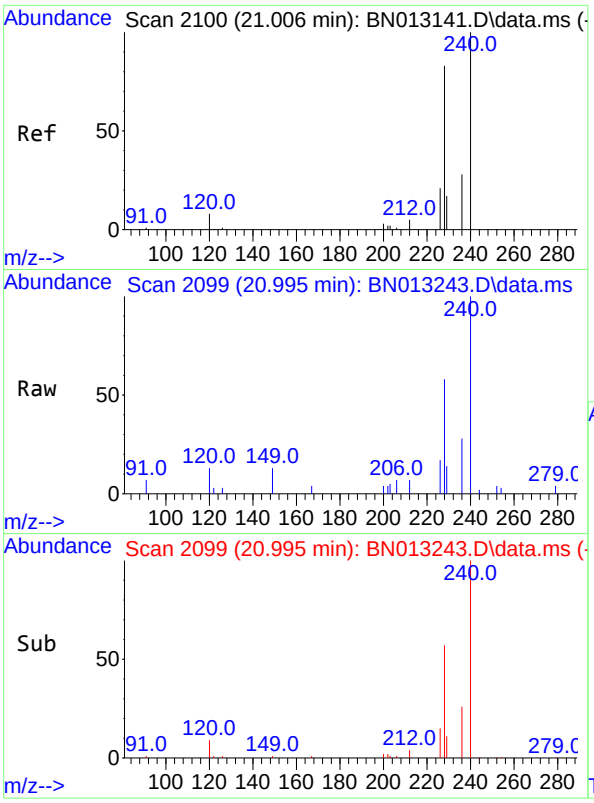

#28
Fluoranthene
Concen: 0.36 ng
RT: 18.841 min Scan# 1771
Delta R.T. -0.015 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:202 Resp: 5765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.2 | 5.8 | 8.6# |
| 203 | 17.4 | 13.7 | 20.5 |



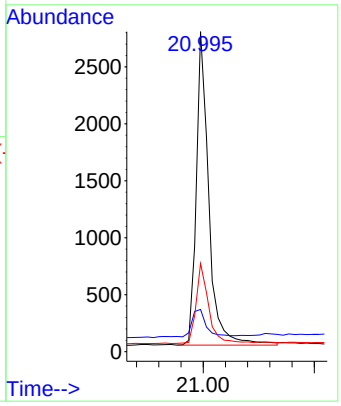
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

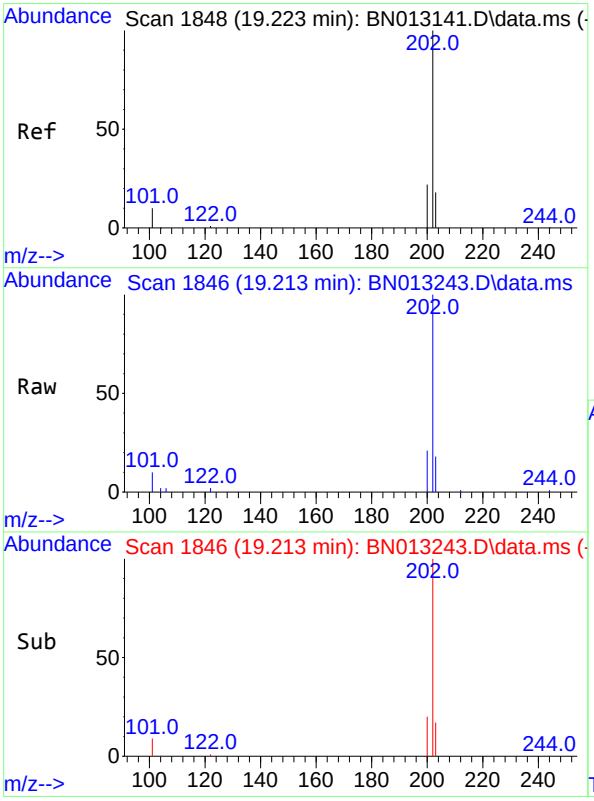



#29
Chrysene-d12
Concen: 0.40 ng
RT: 20.995 min Scan# 2099
Delta R.T. -0.011 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:240 Resp: 4302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 13.2 | 5.3 | 7.9# |
| 236 | 27.6 | 21.8 | 32.8 |

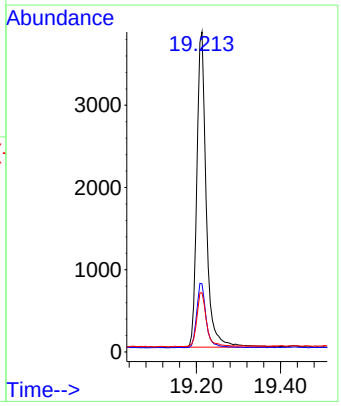


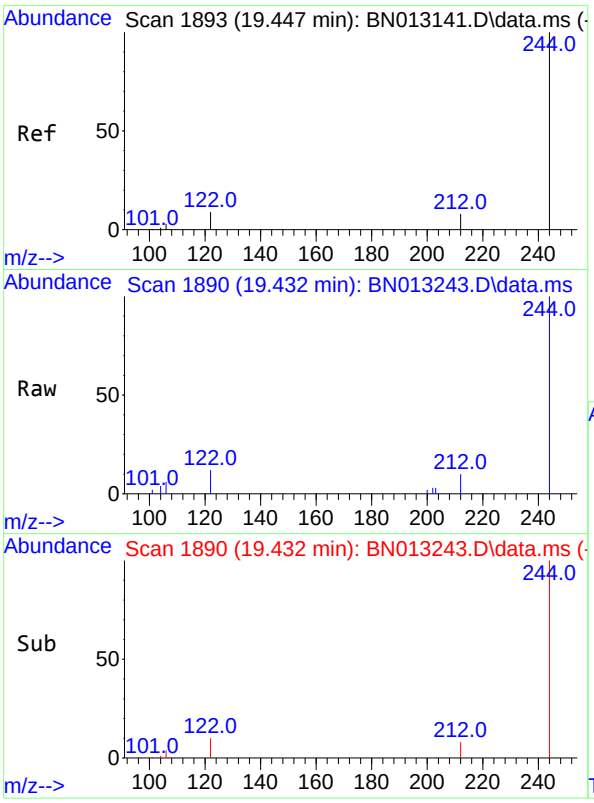

#30
Pyrene
Concen: 0.36 ng
RT: 19.213 min Scan# 1846
Delta R.T. -0.010 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:202 Resp: 5976

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 16.6 | 24.8 |
| 203 | 17.6 | 13.8 | 20.8 |



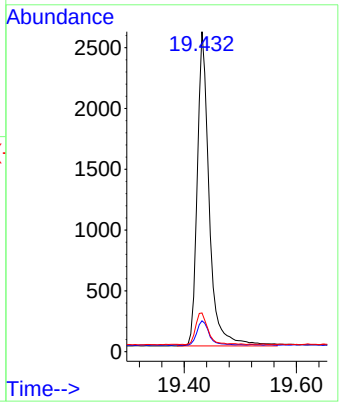
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

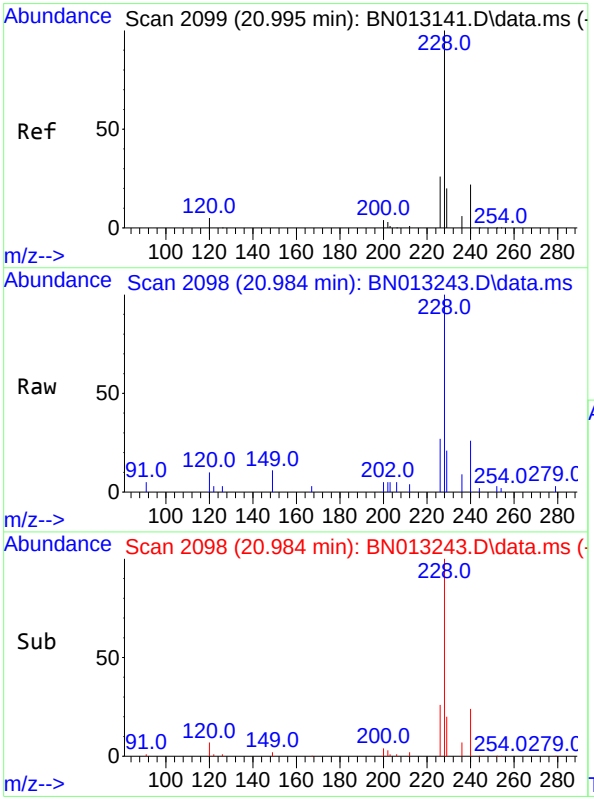



#31
Terphenyl-d14
Concen: 0.35 ng
RT: 19.432 min Scan# 1890
Delta R.T. -0.015 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:244 Resp: 3812

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.7 | 7.3 | 10.9 |
| 122 | 12.1 | 7.3 | 10.9# |

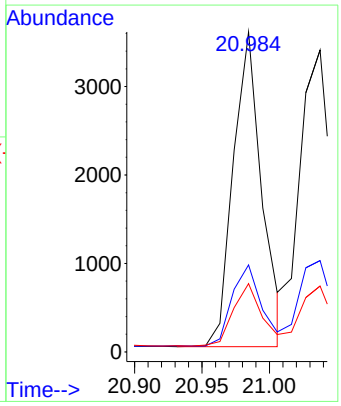


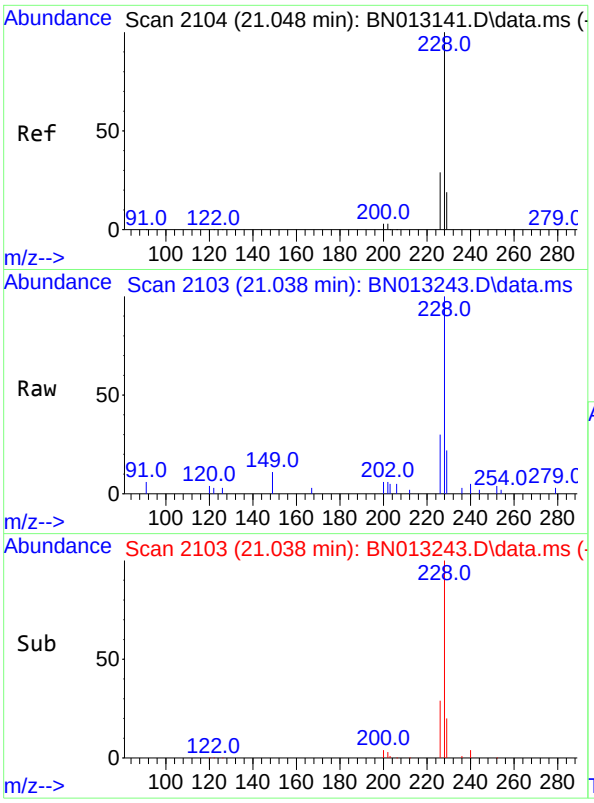

#32
Benzo(a)anthracene
Concen: 0.35 ng
RT: 20.984 min Scan# 2098
Delta R.T. -0.011 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:228 Resp: 5244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 27.2 | 22.3 | 33.5 |
| 229 | 21.3 | 15.7 | 23.5 |



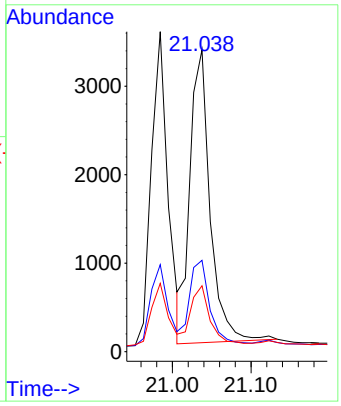
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

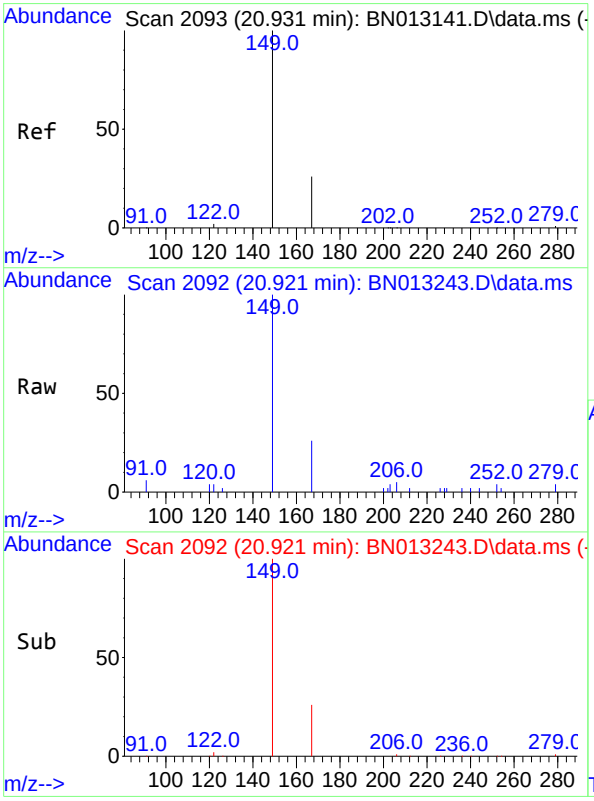



#33
Chrysene
Concen: 0.37 ng
RT: 21.038 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:228 Resp: 5891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.2 | 24.2 | 36.2 |
| 229 | 21.8 | 15.7 | 23.5 |

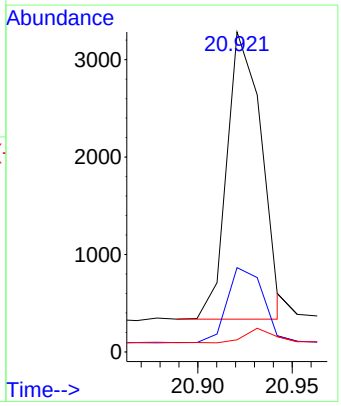


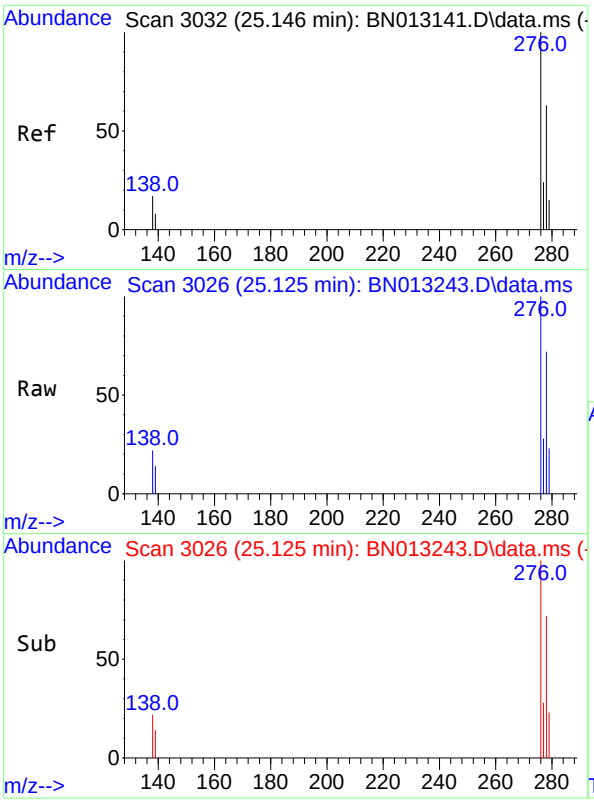

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.22 ng
RT: 20.921 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:149 Resp: 3757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 27.2 | 23.2 | 34.8 |
| 279 | 4.1 | 3.9 | 5.9 |



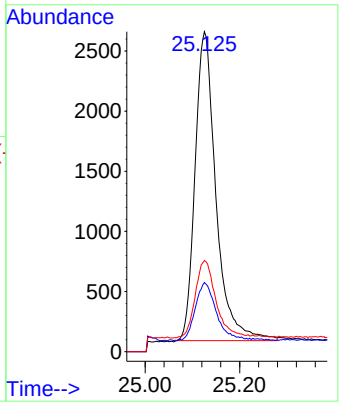
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

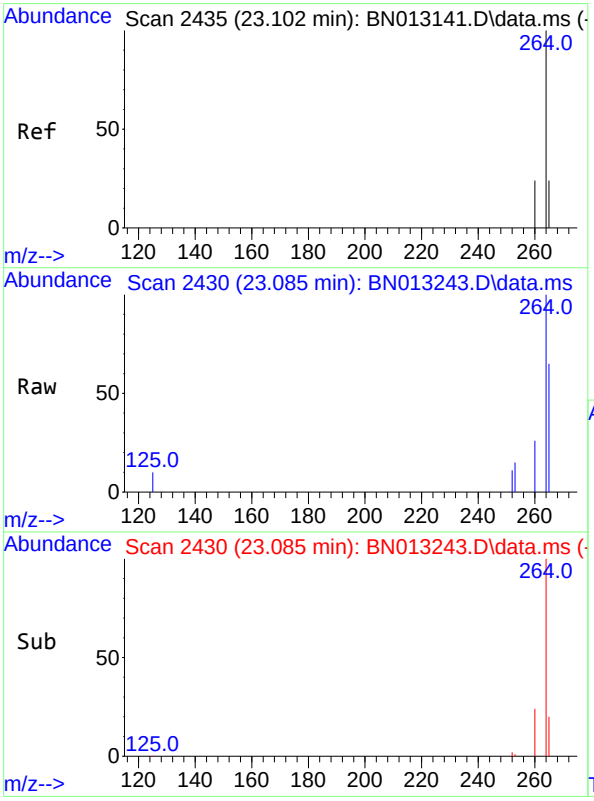



#35
Indeno(1,2,3-cd)pyrene
Concen: 0.36 ng
RT: 25.125 min Scan# 3026
Delta R.T. -0.007 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:276 Resp: 7894

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.4 | 13.3 | 19.9 |
| 277 | 23.0 | 20.2 | 30.4 |

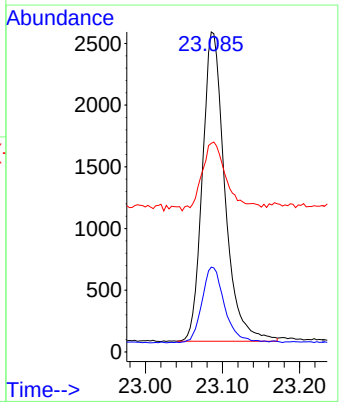


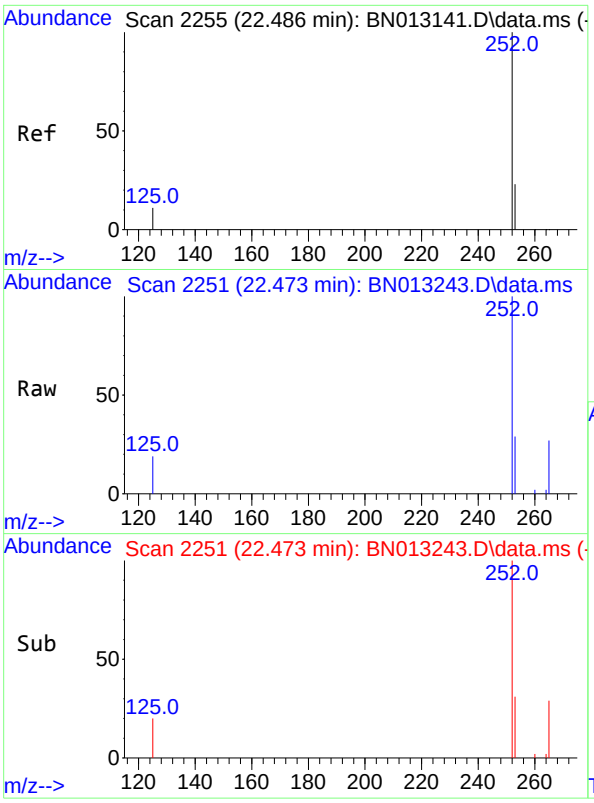

#36
Perylene-d12
Concen: 0.40 ng
RT: 23.085 min Scan# 2430
Delta R.T. -0.010 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:264 Resp: 5056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.5 | 19.8 | 29.6 |
| 265 | 65.2 | 51.4 | 77.0 |



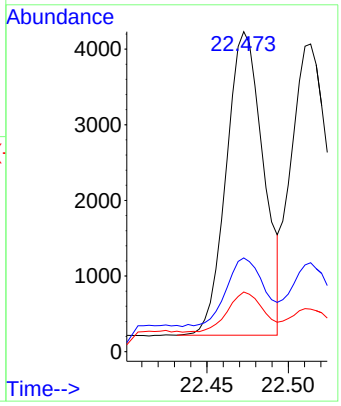
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

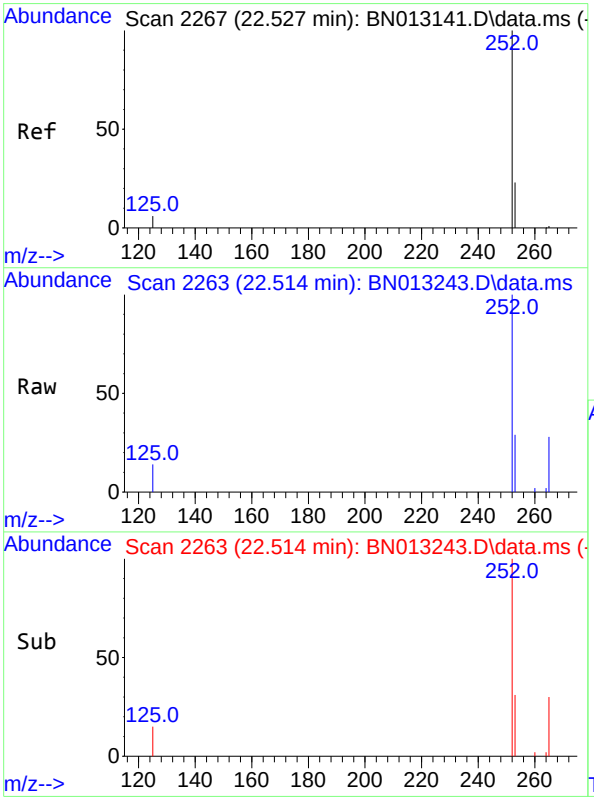



#37
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.473 min Scan# 2251
Delta R.T. -0.007 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:252 Resp: 6377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 29.3 | 20.1 | 30.1 |
| 125 | 18.6 | 7.2 | 10.8# |

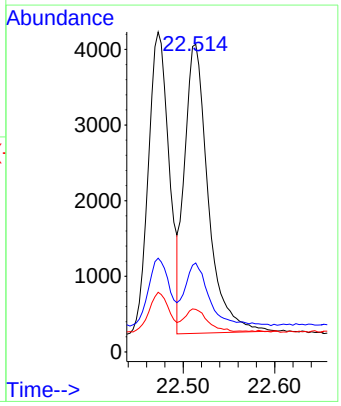


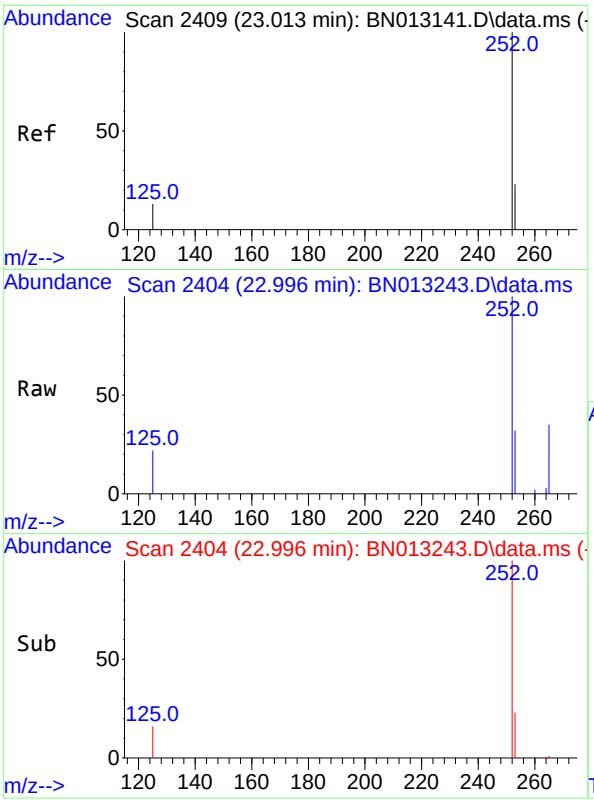

#38
Benzo(k)fluoranthene
Concen: 0.34 ng
RT: 22.514 min Scan# 2263
Delta R.T. -0.003 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:252 Resp: 6842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 28.9 | 19.8 | 29.8 |
| 125 | 13.8 | 7.1 | 10.7# |



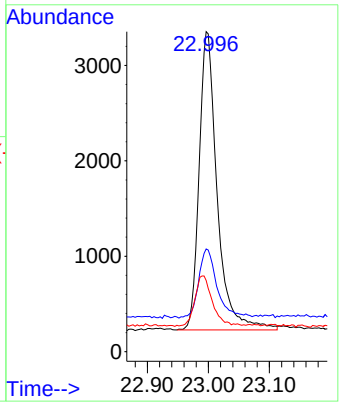
**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

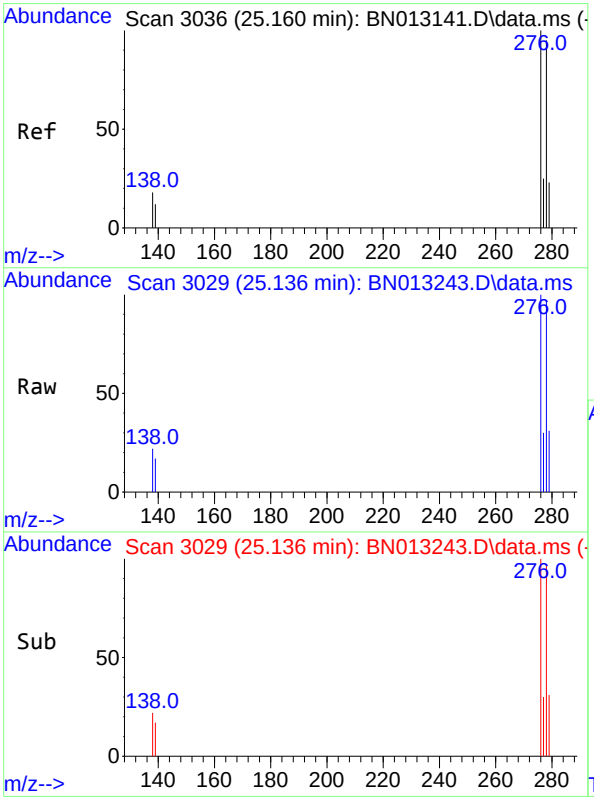



#39
Benzo(a)pyrene
Concen: 0.36 ng
RT: 22.996 min Scan# 2404
Delta R.T. -0.010 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:252 Resp: 6432

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 32.1 | 21.3 | 31.9# |
| 125 | 22.2 | 8.3 | 12.5# |

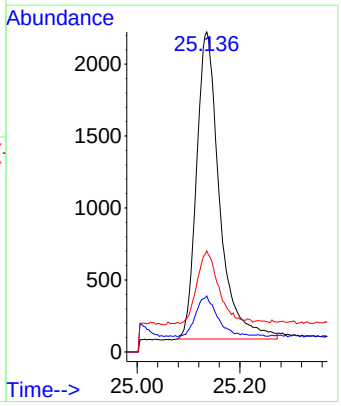


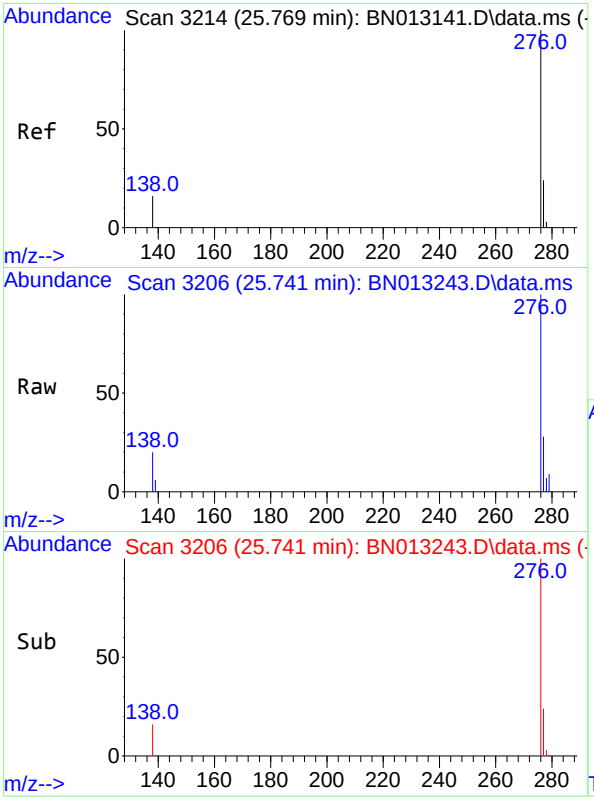




#40
Dibenzo(a,h)anthracene
Concen: 0.34 ng
RT: 25.136 min Scan# 3029
Delta R.T. -0.017 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:278 Resp: 6613

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 17.5 | 9.3 | 13.9# |
| 279 | 31.6 | 21.6 | 32.4 |

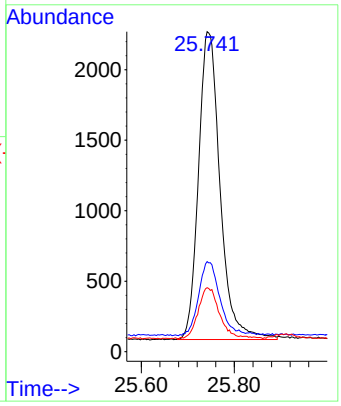





#41
Benzo(g,h,i)perylene
Concen: 0.34 ng
RT: 25.741 min Scan# 3206
Delta R.T. -0.007 min
Lab File: BN013243.D
Acq: 21 Dec 2020 18:40

Tgt Ion:276 Resp: 7040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 28.1 | 19.8 | 29.8 |
| 138 | 20.0 | 11.7 | 17.5# |




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