Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023022.D
Acq On : 01 Dec 2022 17:20
Operator : CG/JU
Sample : N5756-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Quant Time: Dec 02 01:46:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 01:41:37 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.056 | 152 | 5411 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.872 | 136 | 14496 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.698 | 164 | 6962 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.439 | 188 | 13029 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.625 | 240 | 7317 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 24.109 | 264 | 5178 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.594 | 112 | 1317 | 0.094 | ng | 0.00 |
| 5) Phenol-d6 | 7.204 | 99 | 1006 | 0.056 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 9.217 | 82 | 3346 | 0.297 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.461 | 152 | 5128 | 0.163 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.185 | 330 | 761 | 0.226 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.330 | 172 | 9533 | 0.299 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.469 | 212 | 8880 | 0.251 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.058 | 244 | 6904 | 0.402 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.442 | 88 | 2256 | 0.329 | ng | # 93 |
| 20) 4,6-Dinitro-2-methylph... | 15.776 | 198 | 77 | 0.053 | ng | # 10 |
| 25) Phenanthrene | 17.476 | 178 | 1106 | 0.024 | ng | 97 |
| 28) Fluoranthene | 19.498 | 202 | 1091 | 0.023 | ng | # 94 |
| 30) Pyrene | 19.861 | 202 | 1084 | 0.028 | ng | # 93 |
| 32) Benzo(a)anthracene | 21.607 | 228 | 1159 | 0.039 | ng | 91 |
| 33) Chrysene | 21.661 | 228 | 1385 | 0.045 | ng | 92 |
| 34) Bis(2-ethylhexyl)phtha... | 21.526 | 149 | 1018 | 0.086 | ng | 91 |
| 36) Indeno(1,2,3-cd)pyrene | 26.708 | 276 | 1097 | 0.051 | ng | # 83 |
| 37) Benzo(b)fluoranthene | 23.349 | 252 | 1241 | 0.054 | ng | # 32 |
| 38) Benzo(k)fluoranthene | 23.395 | 252 | 1085 | 0.043 | ng | # 22 |
| 39) Benzo(a)pyrene | 23.995 | 252 | 721 | 0.041 | ng | # 1 |
| 40) Dibenzo(a,h)anthracene | 26.731 | 278 | 904 | 0.053 | ng | # 46 |
| 41) Benzo(g,h,i)perylene | 27.512 | 276 | 1035 | 0.056 | ng | # 69 |

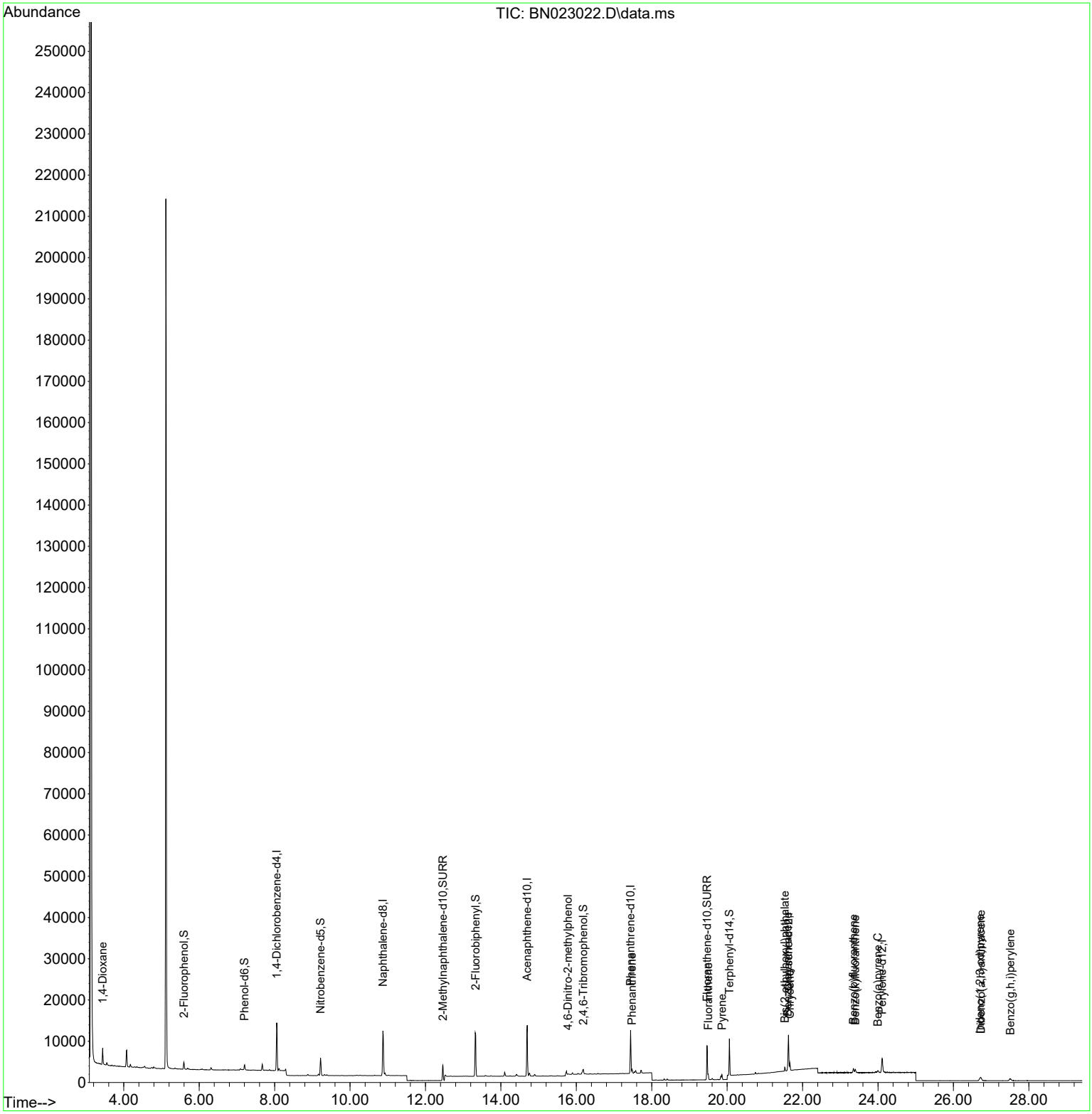
(#) = qualifier out of range (m) = manual integration (+) = signals summed

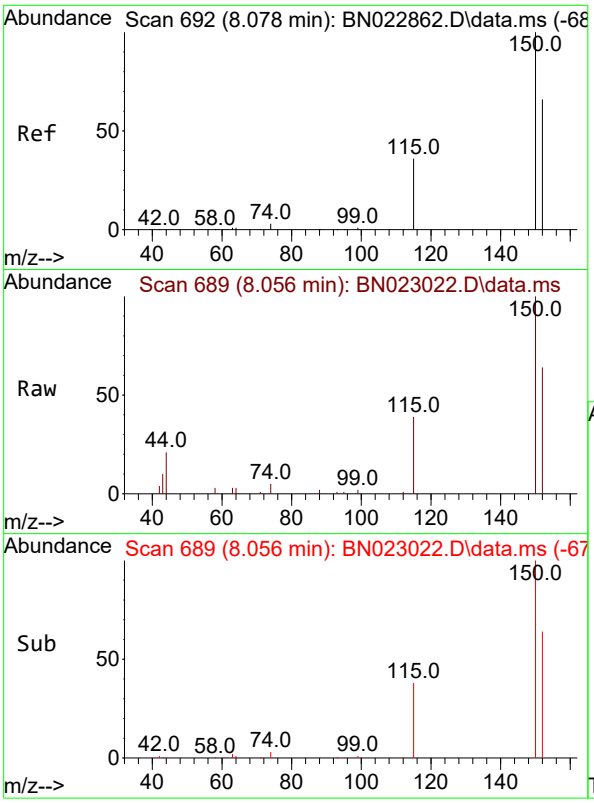
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120122\
Data File : BN023022.D
Acq On : 01 Dec 2022 17:20
Operator : CG/JU
Sample : N5756-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Quant Time: Dec 02 01:46:04 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 01:41:37 2022
Response via : Initial Calibration



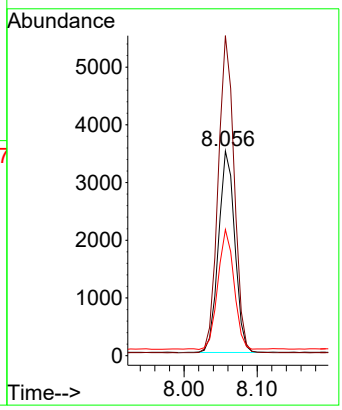


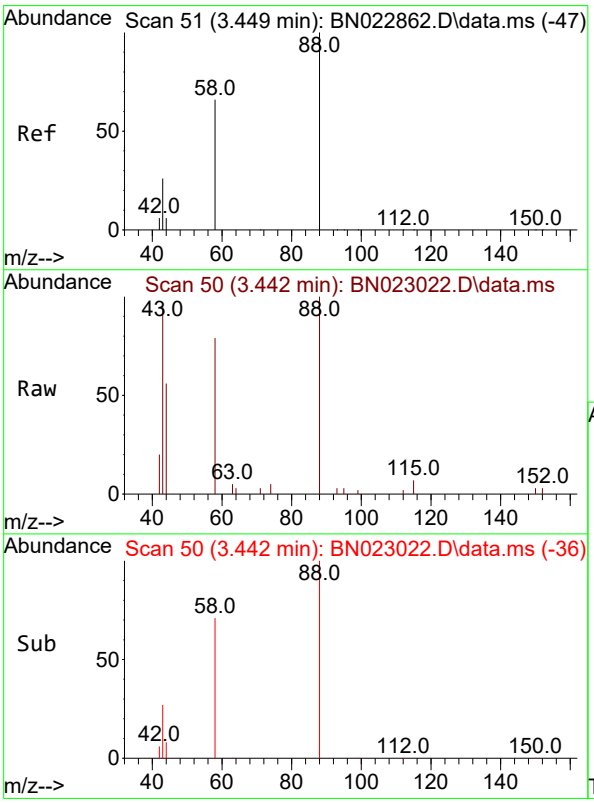

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.056 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:152 Resp: 5411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 121.2 | 181.8 |
| 115 | 61.6 | 46.2 | 69.4 |

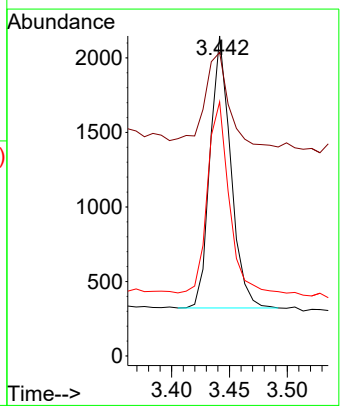


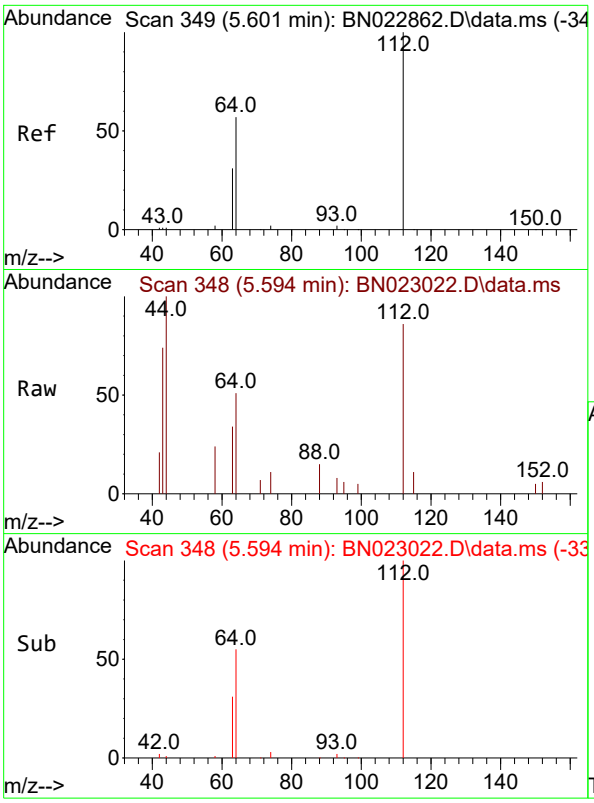




#2
1,4-Dioxane
Concen: 0.329 ng
RT: 3.442 min Scan# 50
Delta R.T. 0.000 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion: 88 Resp: 2256

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 40.8 | 25.4 | 38.2# |
| 58 | 73.2 | 56.5 | 84.7 |



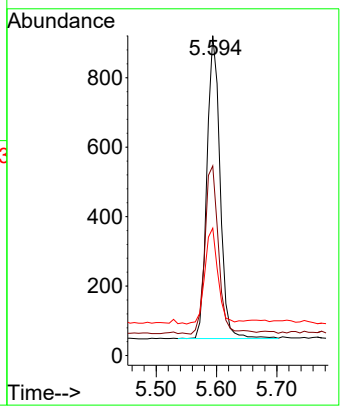


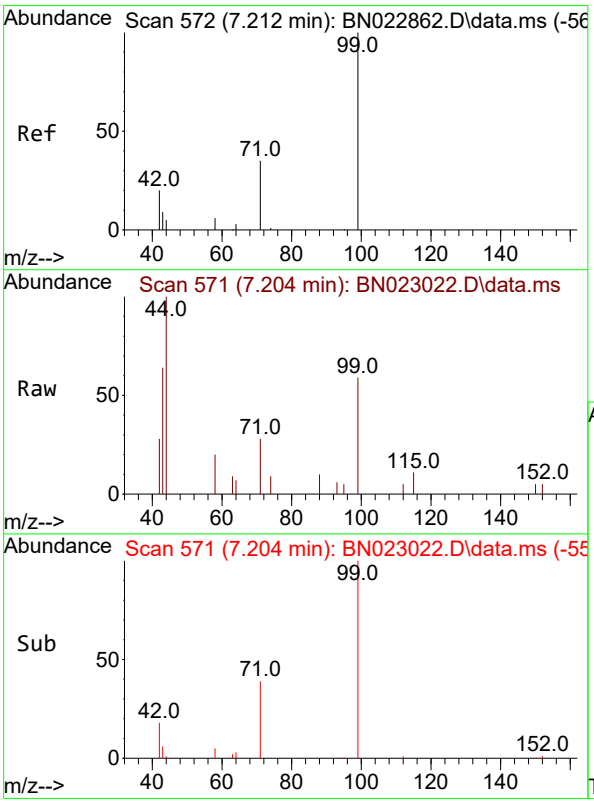

#4
2-Fluorophenol
Concen: 0.094 ng
RT: 5.594 min Scan# 34
Delta R.T. -0.007 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:112 Resp: 1317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.5 | 43.4 | 65.2 |
| 63 | 31.4 | 23.4 | 35.2 |

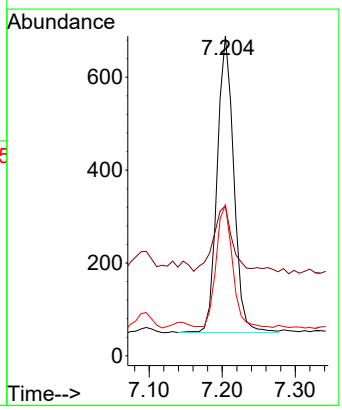


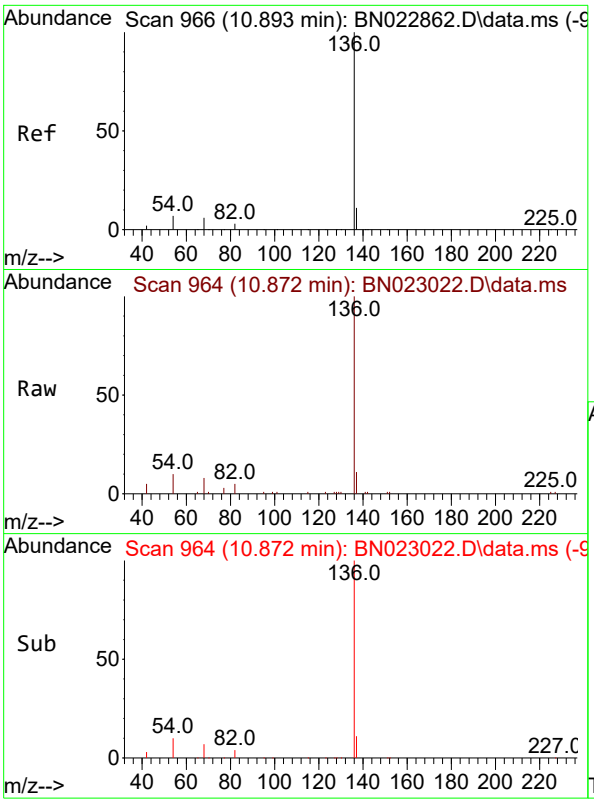




#5
Phenol-d6
Concen: 0.056 ng
RT: 7.204 min Scan# 571
Delta R.T. 0.000 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion: 99 Resp: 1006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.6 | 16.0 | 24.0# |
| 71 | 41.2 | 26.8 | 40.2# |



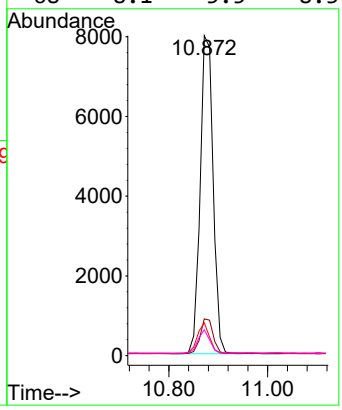


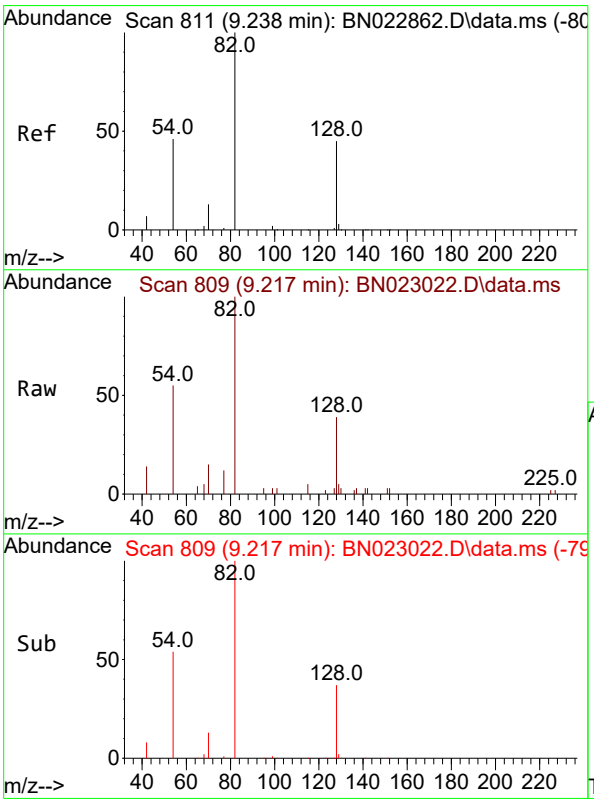

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.872 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:136 Resp: 14496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.0 | 13.4 |
| 54 | 10.3 | 6.6 | 9.8# |
| 68 | 8.1 | 5.5 | 8.3 |

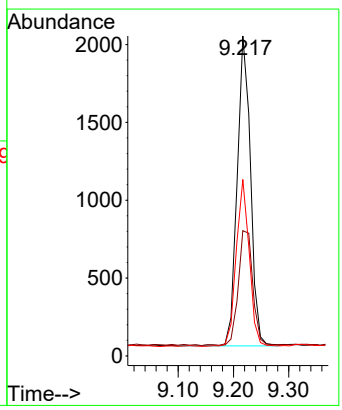


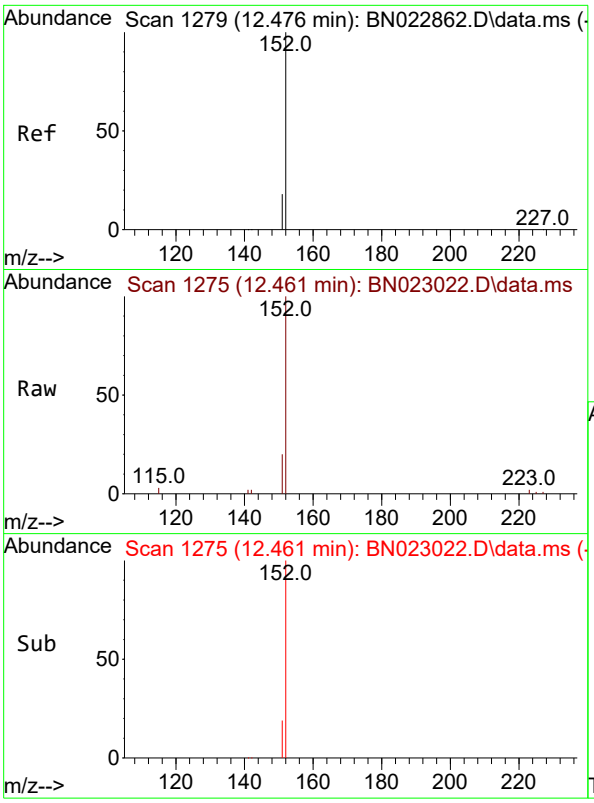




#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 9.217 min Scan# 809
Delta R.T. -0.011 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion: 82 Resp: 3346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.1 | 36.6 | 54.8 |
| 54 | 55.1 | 38.5 | 57.7 |



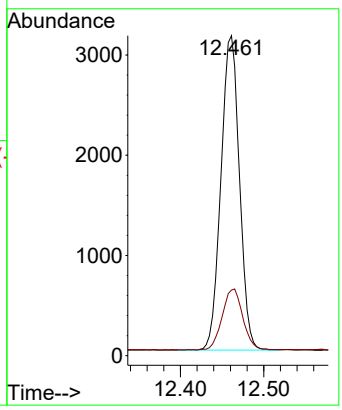


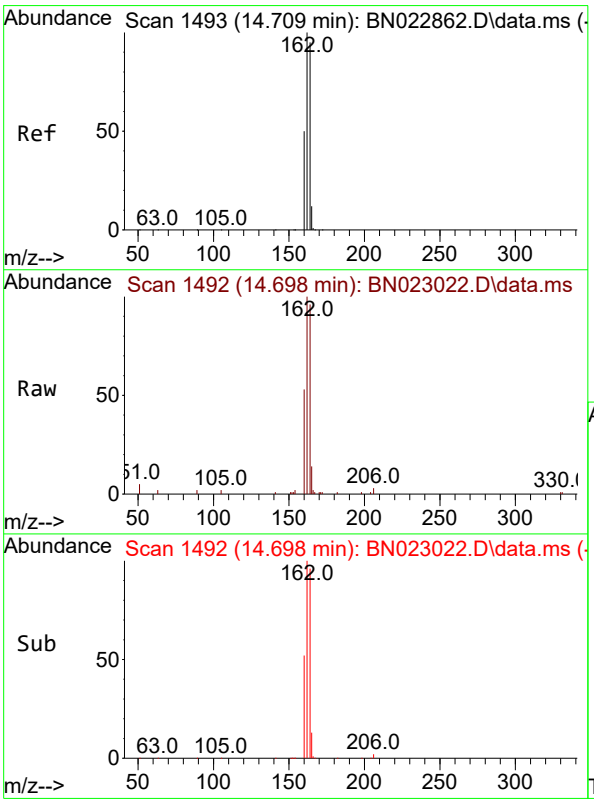

#11
2-Methylnaphthalene-d10
Concen: 0.163 ng
RT: 12.461 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:152 Resp: 5128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.3 | 18.6 | 27.8 |

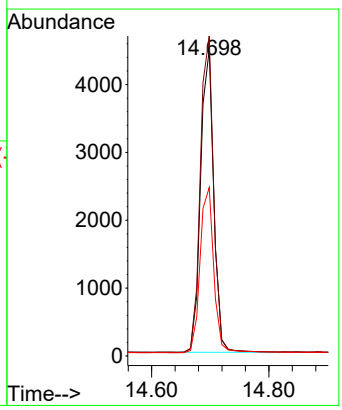


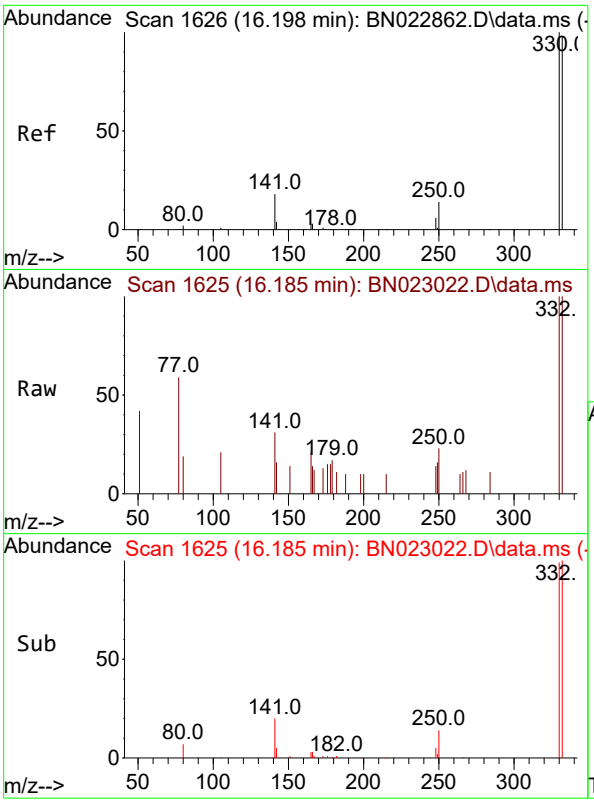




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.698 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:164 Resp: 6962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.5 | 84.2 | 126.4 |
| 160 | 55.0 | 42.5 | 63.7 |



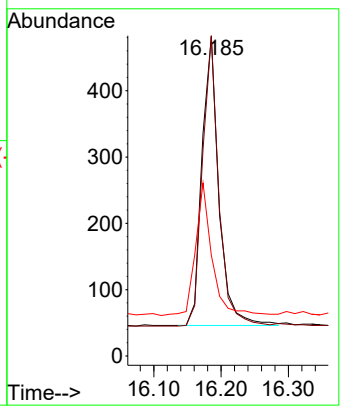


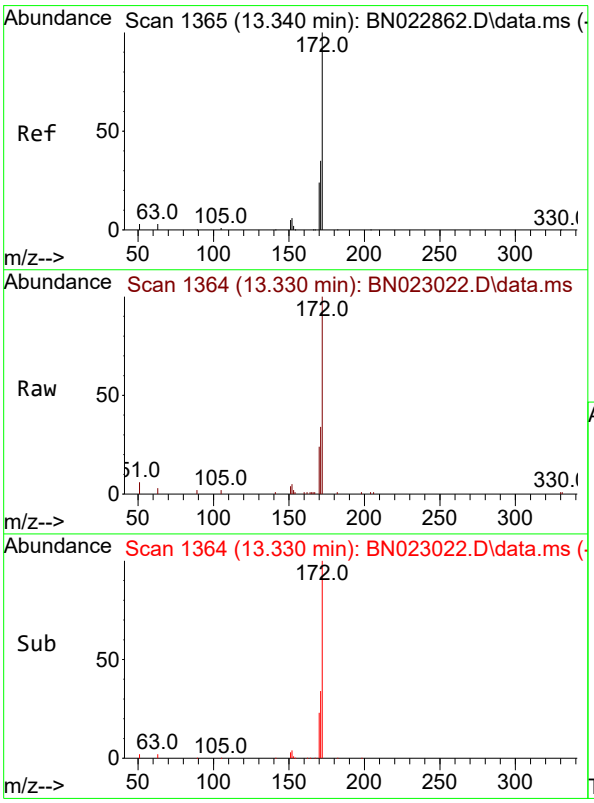

#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 16.185 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:330 Resp: 761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 76.5 | 114.7 |
| 141 | 44.7 | 32.6 | 48.8 |

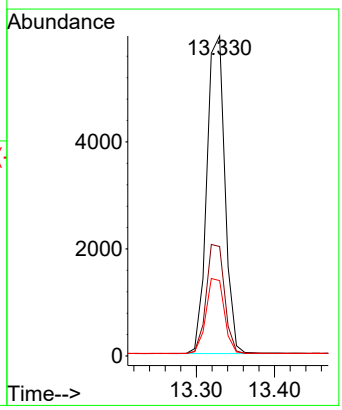


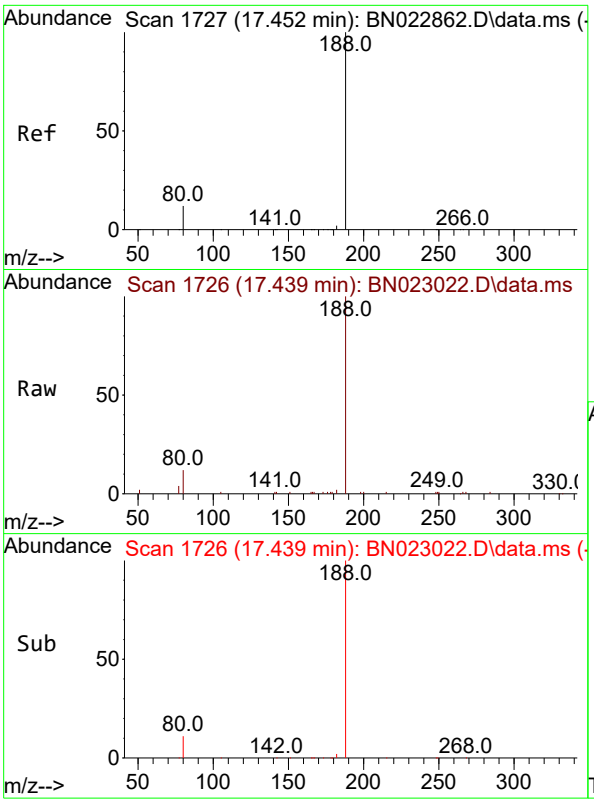




#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.330 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:172 Resp: 9533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 28.2 | 42.4 |
| 170 | 23.5 | 19.3 | 28.9 |



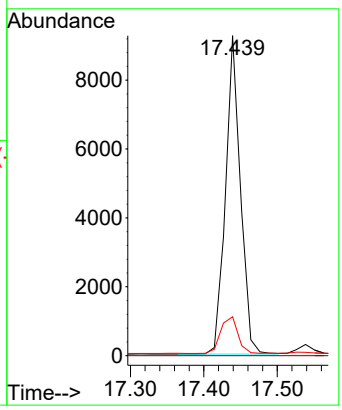


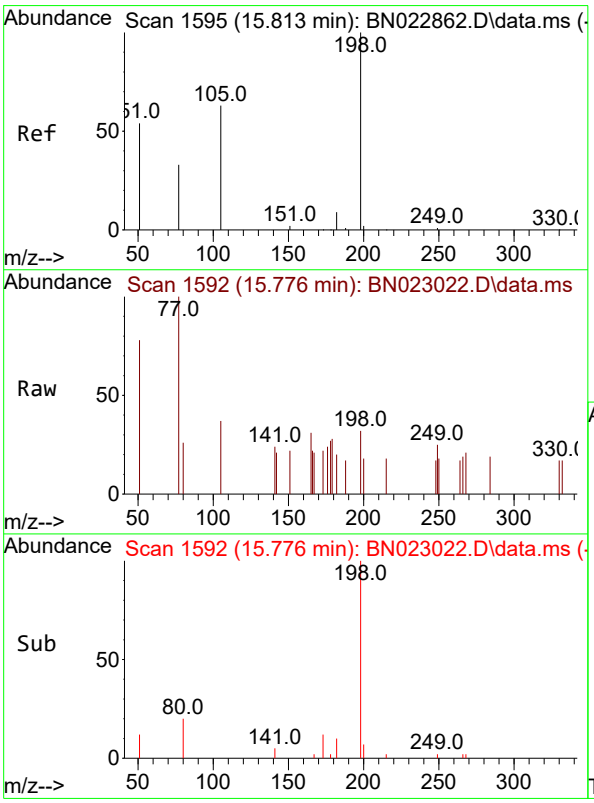

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.439 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:188 Resp: 13029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.1 | 10.3 | 15.5 |

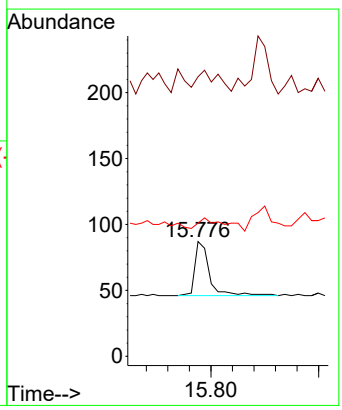


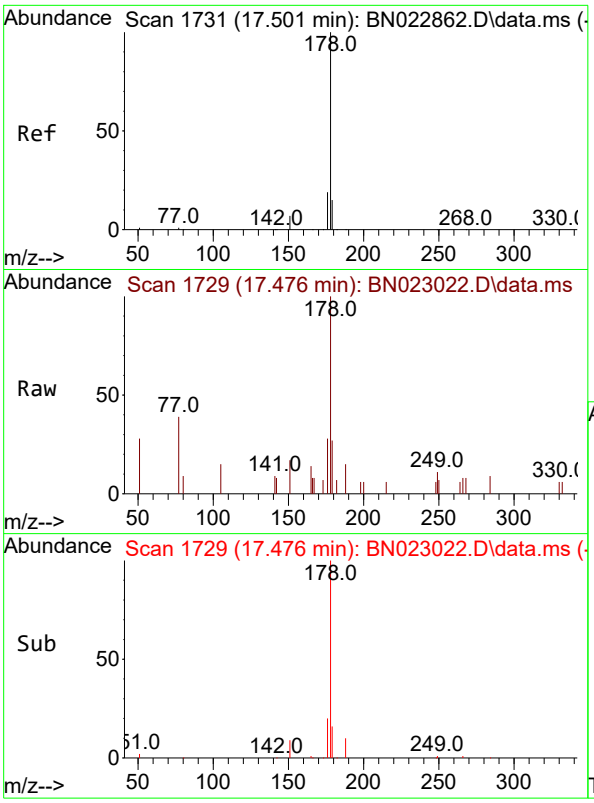




#20
4,6-Dinitro-2-methylphenol
Concen: 0.053 ng
RT: 15.776 min Scan# 1592
Delta R.T. -0.037 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:198 Resp: 77

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 243.7 | 80.5 | 120.7# |
| 105 | 116.1 | 70.5 | 105.7# |



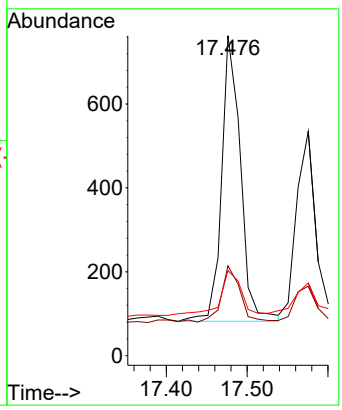


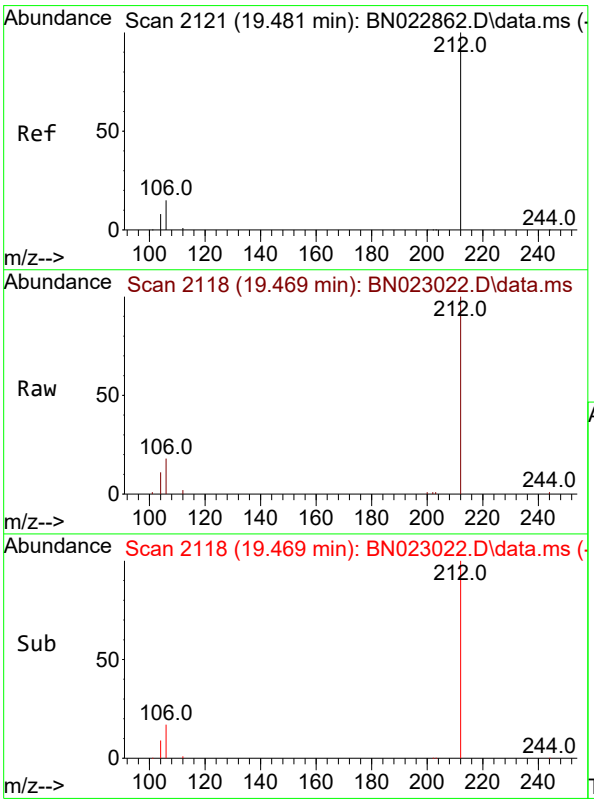

#25
Phenanthrene
Concen: 0.024 ng
RT: 17.476 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:178 Resp: 1106

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.3 | 15.6 | 23.4 |
| 179 | 17.6 | 12.2 | 18.2 |

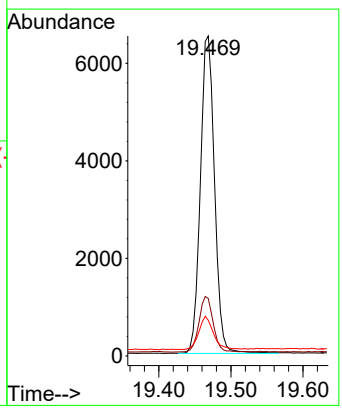


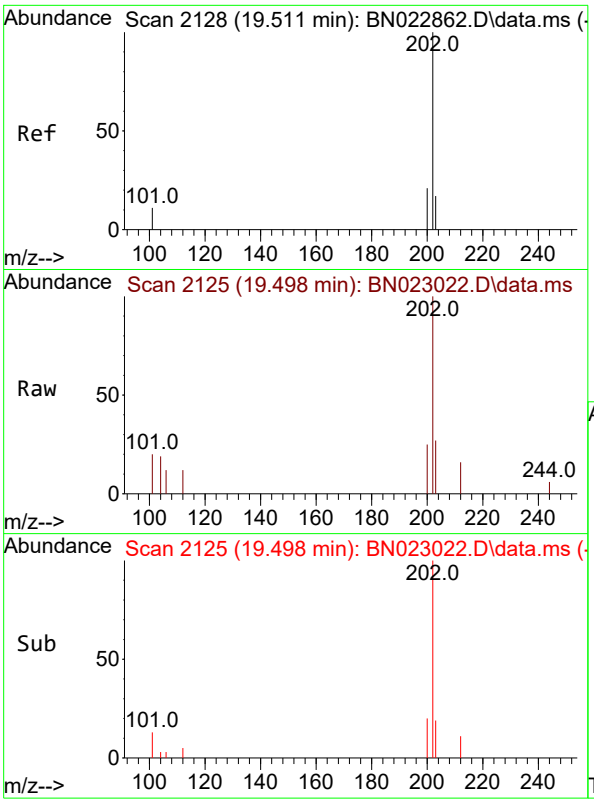




#27
Fluoranthene-d10
Concen: 0.251 ng
RT: 19.469 min Scan# 2118
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:212 Resp: 8880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 17.4 | 12.3 | 18.5 |
| 104 | 10.6 | 7.0 | 10.4# |



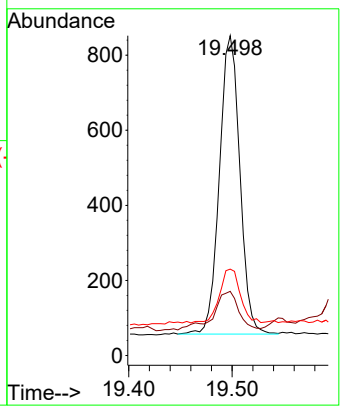


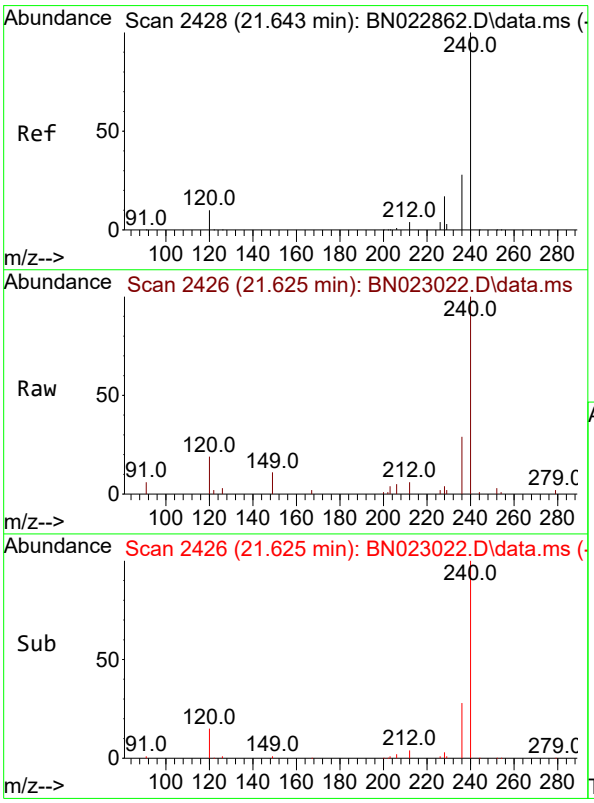

#28
Fluoranthene
Concen: 0.023 ng
RT: 19.498 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:202 Resp: 1091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 16.5 | 9.3 | 13.9# |
| 203 | 18.1 | 13.7 | 20.5 |

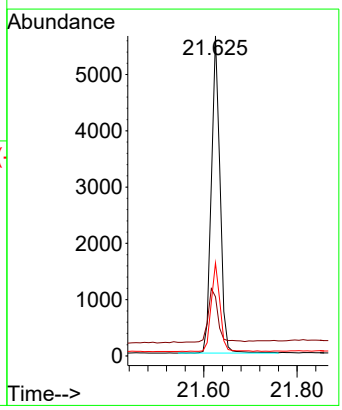


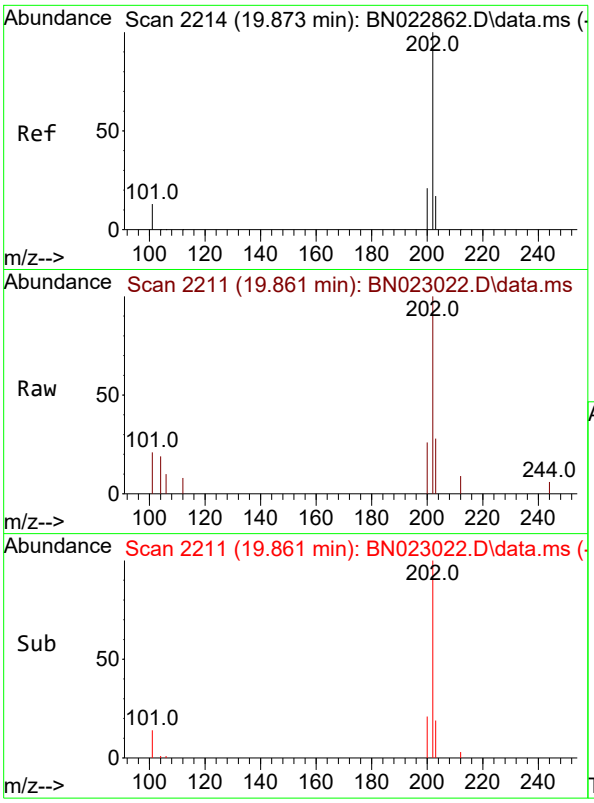




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.625 min Scan# 2426
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:240 Resp: 7317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 18.5 | 9.2 | 13.8# |
| 236 | 29.1 | 22.6 | 34.0 |



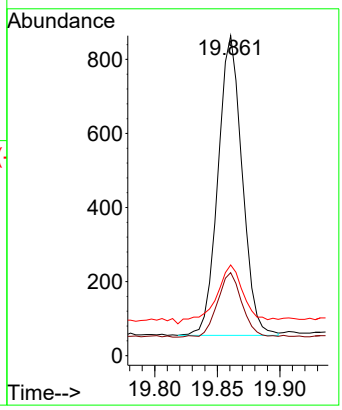


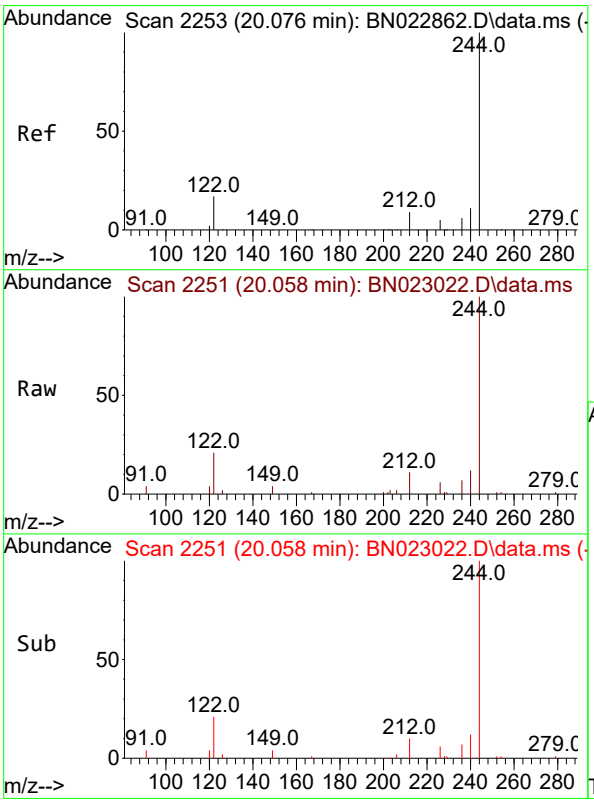

#30
Pyrene
Concen: 0.028 ng
RT: 19.861 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:202 Resp: 1084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 22.0 | 17.0 | 25.4 |
| 203 | 23.2 | 14.2 | 21.2# |

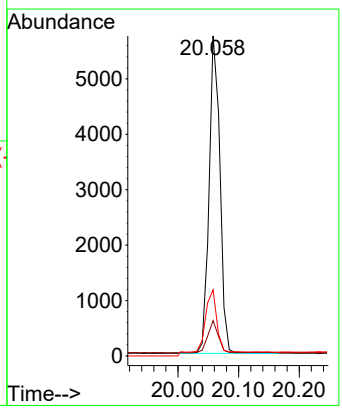


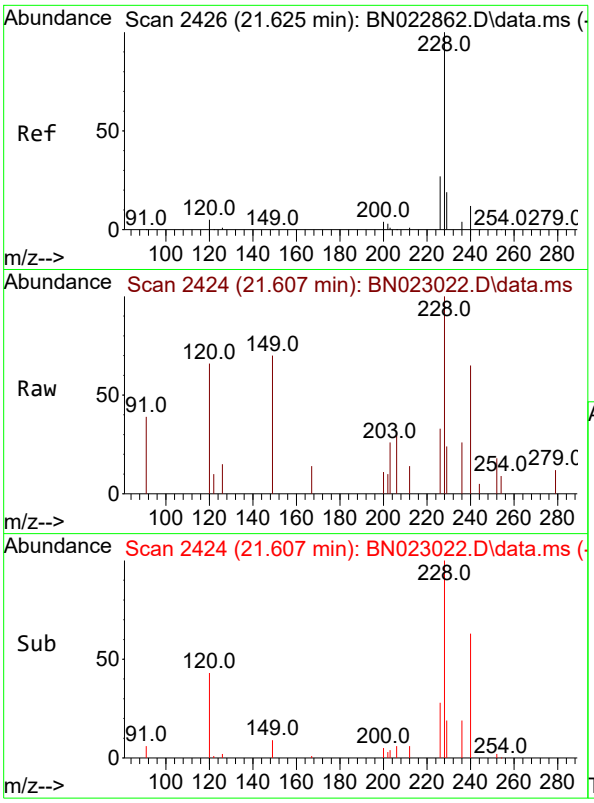




#31
Terphenyl-d14
Concen: 0.402 ng
RT: 20.058 min Scan# 2251
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:244 Resp: 6904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.0 | 7.9 | 11.9 |
| 122 | 20.7 | 13.9 | 20.9 |



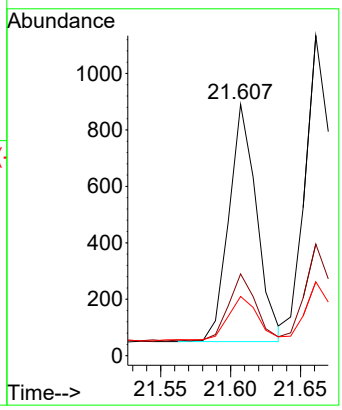


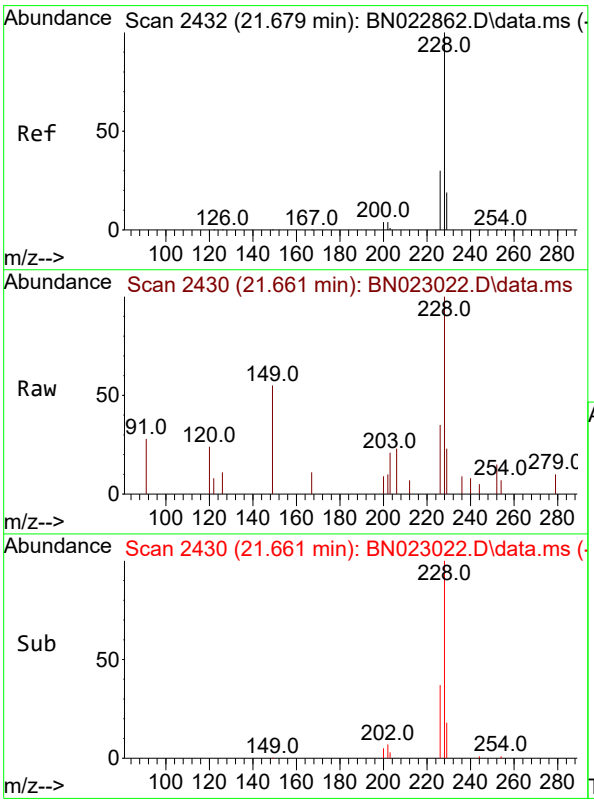

#32
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.607 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:228 Resp: 1159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.5 | 22.1 | 33.1 |
| 229 | 23.6 | 15.8 | 23.6 |

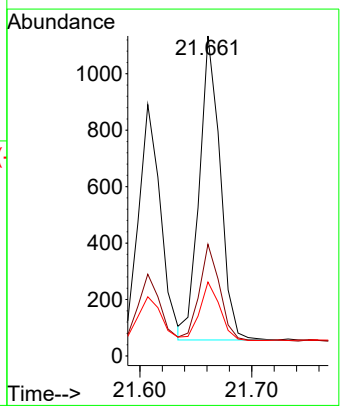


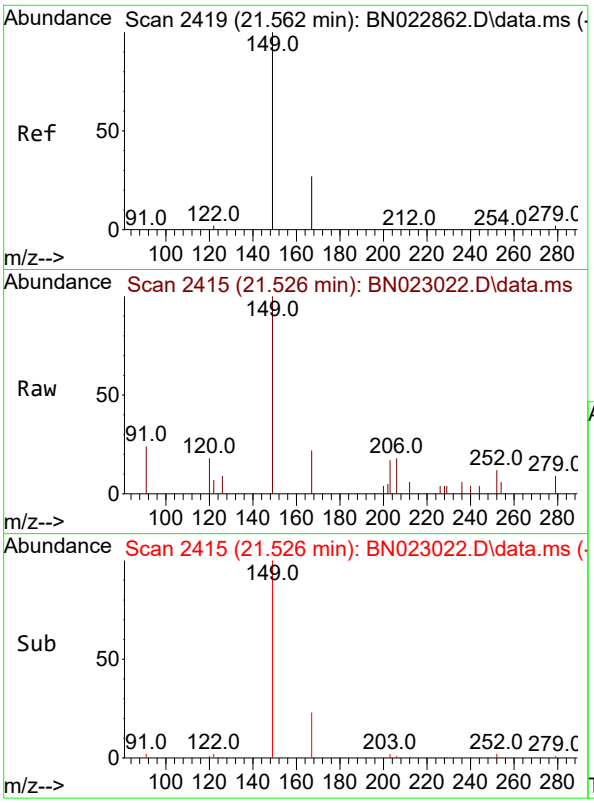




#33
Chrysene
Concen: 0.045 ng
RT: 21.661 min Scan# 2430
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:228 Resp: 1385

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 34.9 | 24.5 | 36.7 |
| 229 | 23.1 | 15.8 | 23.6 |



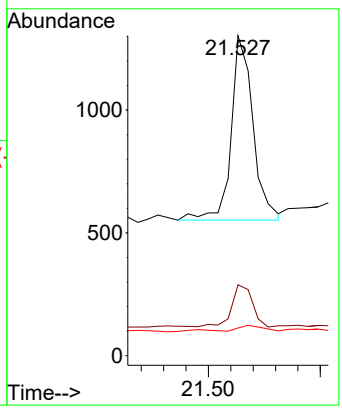


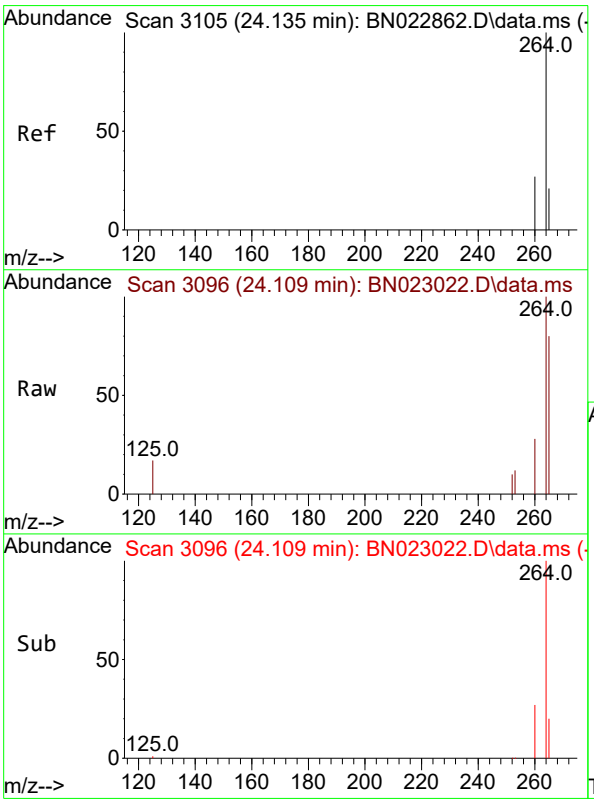

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.086 ng
RT: 21.526 min Scan# 24
Delta R.T. -0.013 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:149 Resp: 1018

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 21.4 | 21.3 | 31.9 |
| 279 | 3.3 | 2.3 | 3.5 |

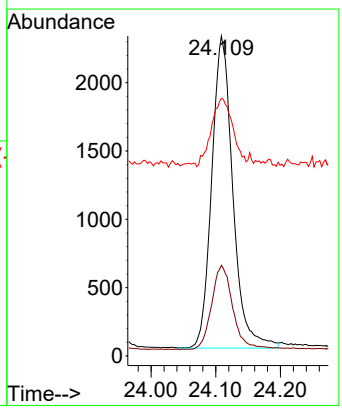


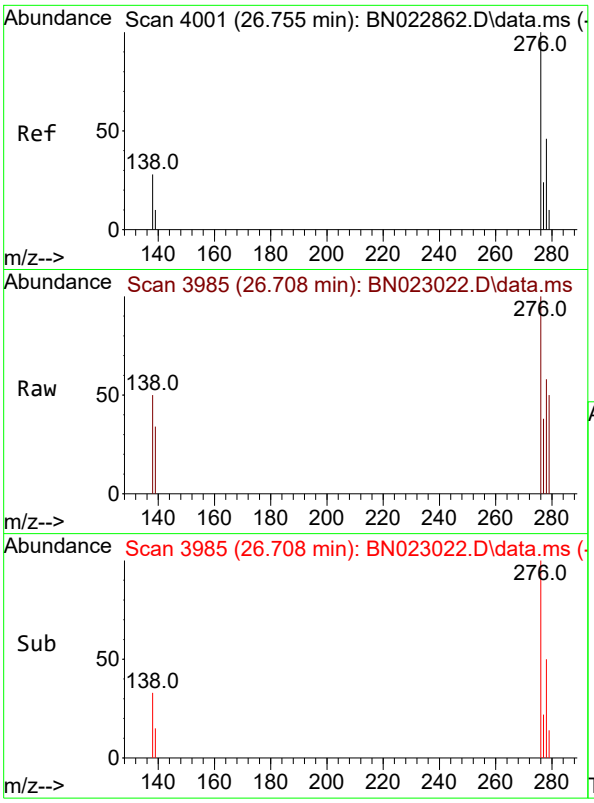




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.109 min Scan# 3096
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:264 Resp: 5178

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 28.4 | 21.7 | 32.5 |
| 265 | 80.5 | 31.0 | 46.4# |



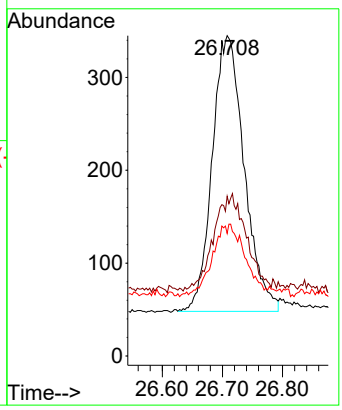


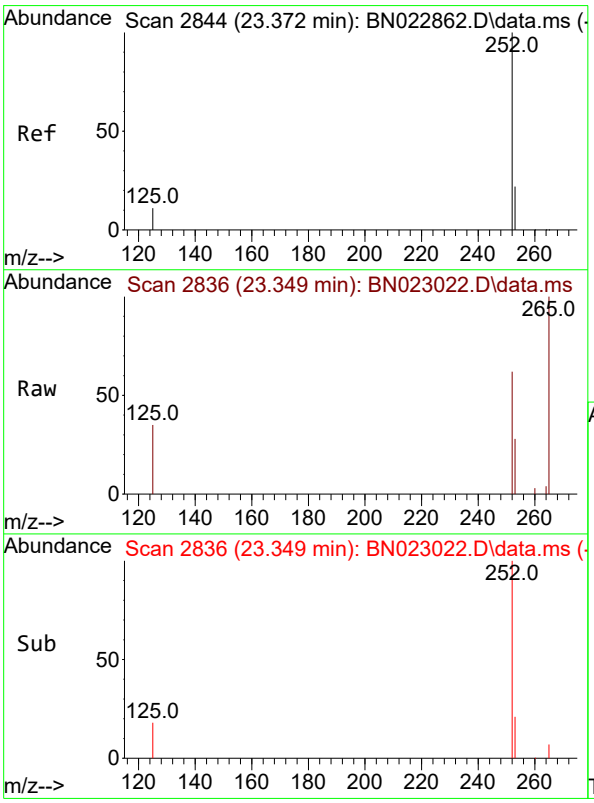

#36
Indeno(1,2,3-cd)pyrene
Concen: 0.051 ng
RT: 26.708 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:276 Resp: 1097

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 36.3 | 24.4 | 36.6 |
| 277 | 11.9 | 19.9 | 29.9# |

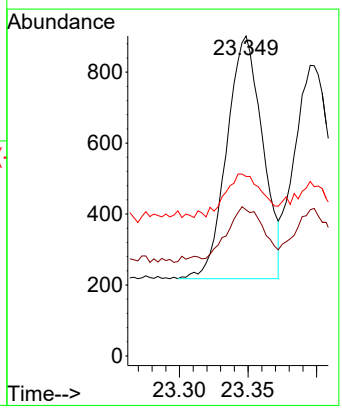


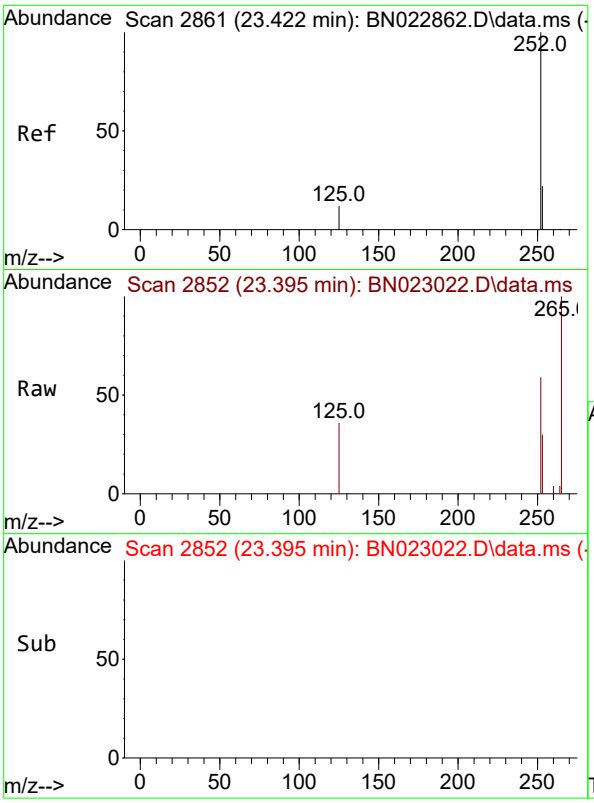




#37
Benzo(b)fluoranthene
Concen: 0.054 ng
RT: 23.349 min Scan# 2836
Delta R.T. -0.001 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:252 Resp: 1241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 45.7 | 18.5 | 27.7# |
| 125 | 56.1 | 10.8 | 16.2# |



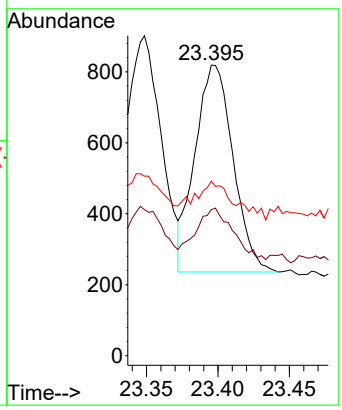


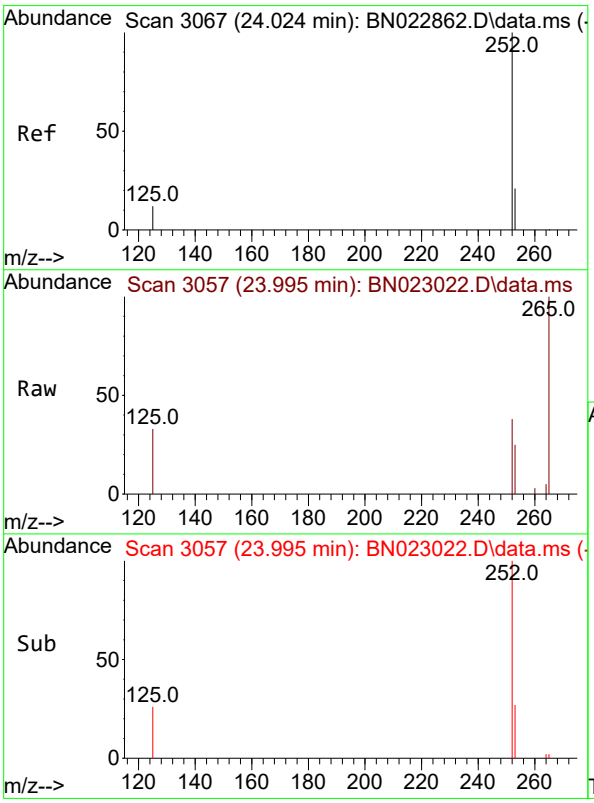

#38
Benzo(k)fluoranthene
Concen: 0.043 ng
RT: 23.395 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:252 Resp: 1085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 50.3 | 18.6 | 27.8# |
| 125 | 60.1 | 11.0 | 16.4# |

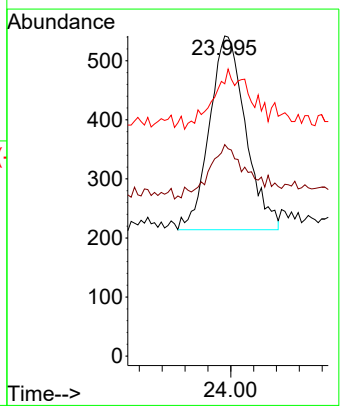


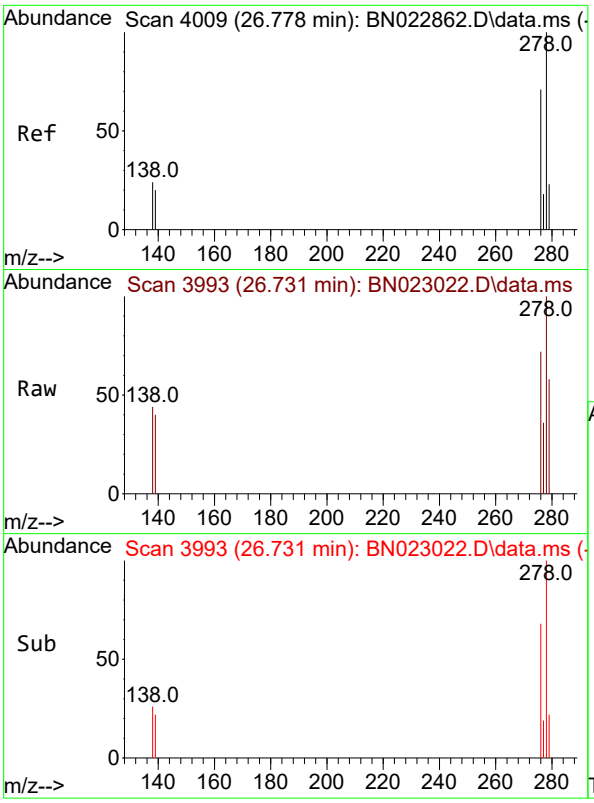




#39
Benzo(a)pyrene
Concen: 0.041 ng
RT: 23.995 min Scan# 3057
Delta R.T. -0.007 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:252 Resp: 721

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 66.1 | 19.2 | 28.8# |
| 125 | 85.1 | 12.7 | 19.1# |



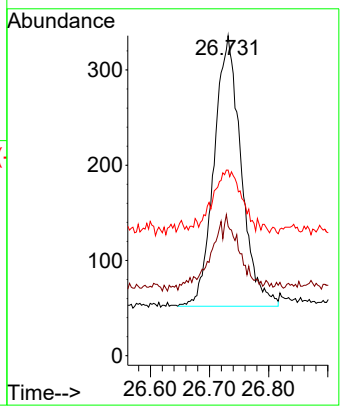


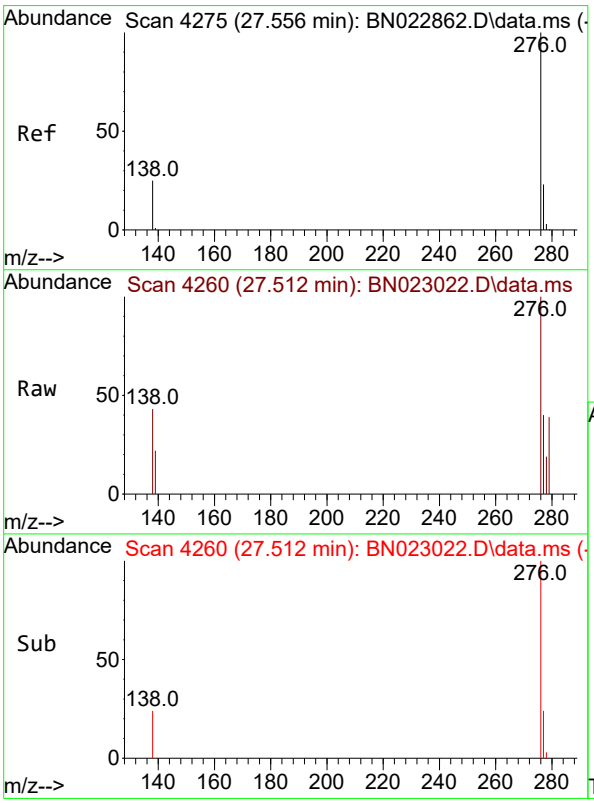

#40
Dibenzo(a,h)anthracene
Concen: 0.053 ng
RT: 26.731 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

**Instrument :**
BNA_N
**ClientSampleId :**
RW9-MW01D1-20221120

Tgt Ion:278 Resp: 904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 40.5 | 17.4 | 26.0# |
| 279 | 58.0 | 20.0 | 30.0# |




#41
Benzo(g,h,i)perylene
Concen: 0.056 ng
RT: 27.512 min Scan# 4260
Delta R.T. -0.001 min
Lab File: BN023022.D
Acq: 01 Dec 2022 17:20

Tgt Ion:276 Resp: 1035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 40.1 | 19.7 | 29.5# |
| 138 | 42.5 | 21.4 | 32.2# |