Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028996.D
Acq On : 02 Dec 2023 22:59
Operator : MA/JU
Sample : 05404-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Quant Time: Dec 03 08:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.782 | 152 | 2306 | 0.400 | ng | -0.01 |
| 7) Naphthalene-d8 | 10.573 | 136 | 6659 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.407 | 164 | 4309 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.159 | 188 | 9765 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.356 | 240 | 7861 | 0.400 | ng | #-0.02 |
| 35) Perylene-d12 | 23.678 | 264 | 7759 | 0.400 | ng | #-0.03 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.399 | 112 | 760 | 0.109 | ng | -0.01 |
| 5) Phenol-d6 | 6.995 | 99 | 549 | 0.071 | ng | -0.01 |
| 8) Nitrobenzene-d5 | 8.950 | 82 | 2056 | 0.311 | ng | -0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.159 | 152 | 3033 | 0.284 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.905 | 330 | 750 | 0.258 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.038 | 172 | 5476 | 0.294 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.190 | 212 | 9490 | 0.369 | ng | -0.02 |
| 31) Terphenyl-d14 | 19.803 | 244 | 8786 | 0.395 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.333 | 88 | 4760 | 2.108 | ng | # 91 |
| 3) n-Nitrosodimethylamine | 3.701 | 42 | 79 | 0.114 | ng | # 14 |
| 6) bis(2-Chloroethyl)ether | 7.240 | 93 | 347 | 0.053 | ng | 99 |
| 30) Pyrene | 19.589 | 202 | 83 | 0.096 | ng | # 86 |
| 34) Bis(2-ethylhexyl)phtha... | 21.284 | 149 | 1572 | Below Cal | | # 89 |

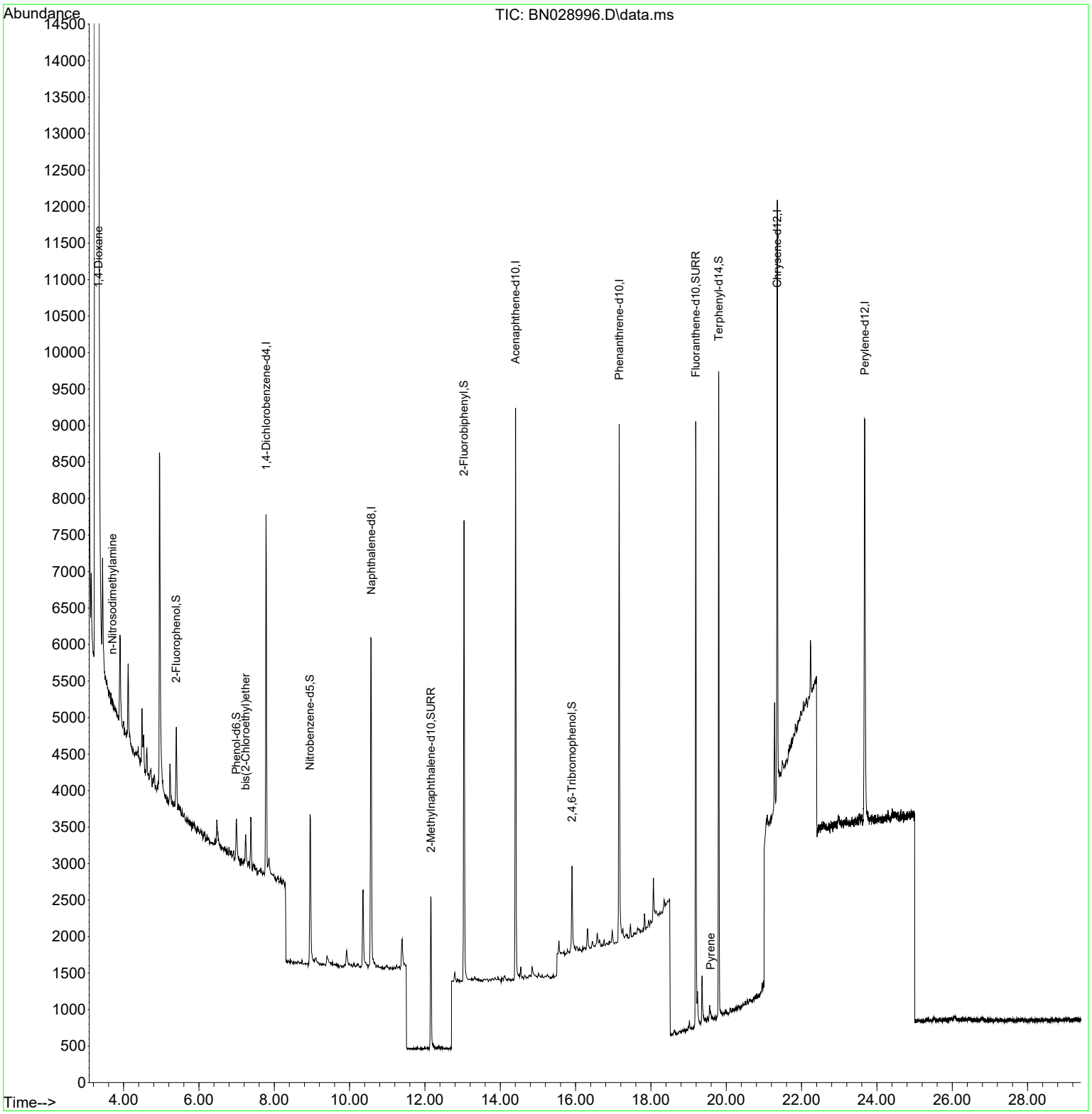
(#) = qualifier out of range (m) = manual integration (+) = signals summed

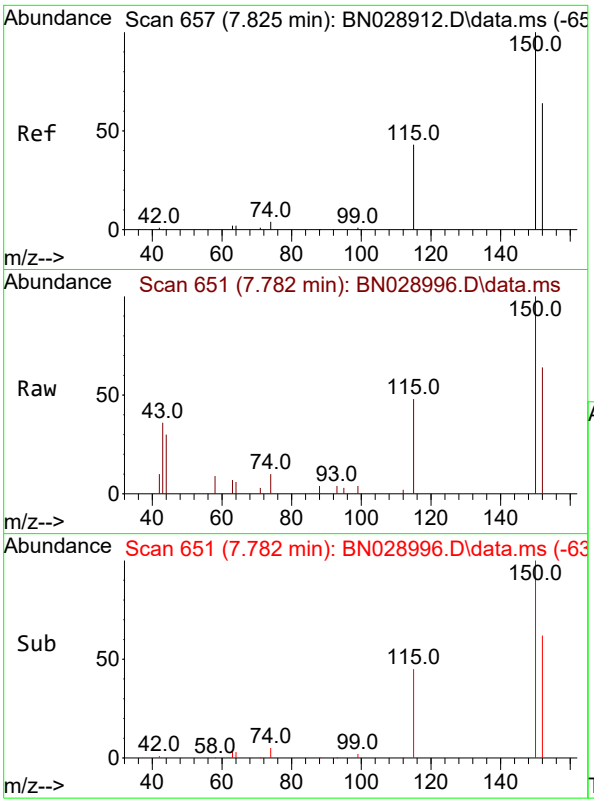
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120123\
Data File : BN028996.D
Acq On : 02 Dec 2023 22:59
Operator : MA/JU
Sample : 05404-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Quant Time: Dec 03 08:16:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 23:11:55 2023
Response via : Initial Calibration



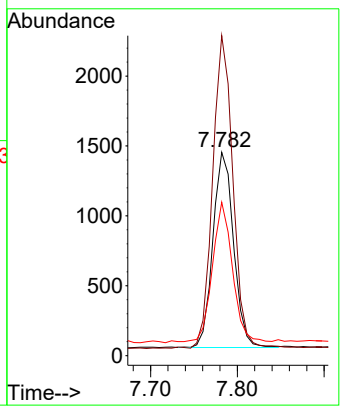


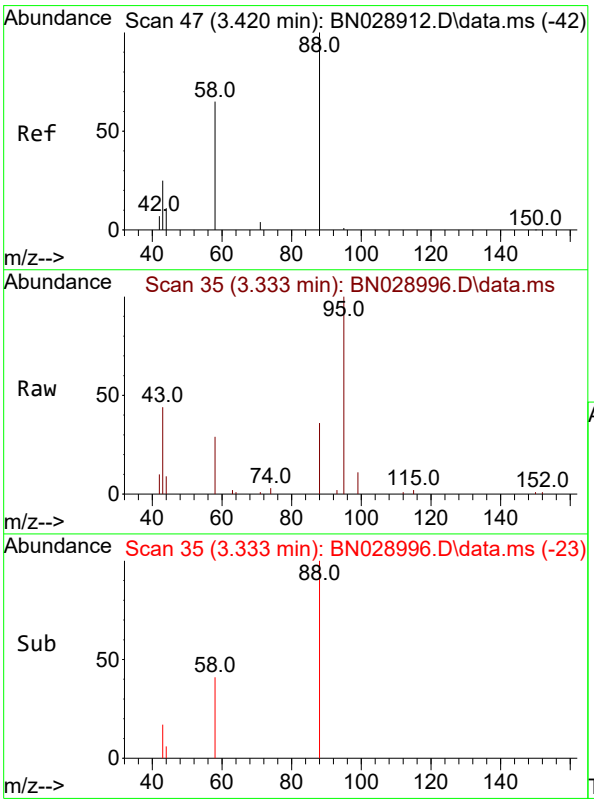

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.782 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion:152 Resp: 2306

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.3 | 123.4 | 185.2 |
| 115 | 75.4 | 59.1 | 88.7 |

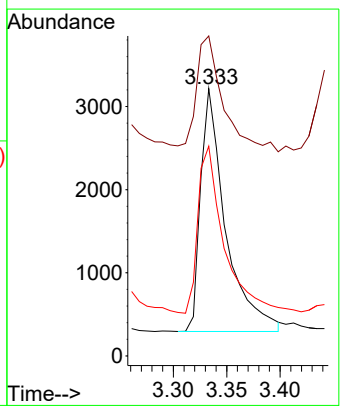


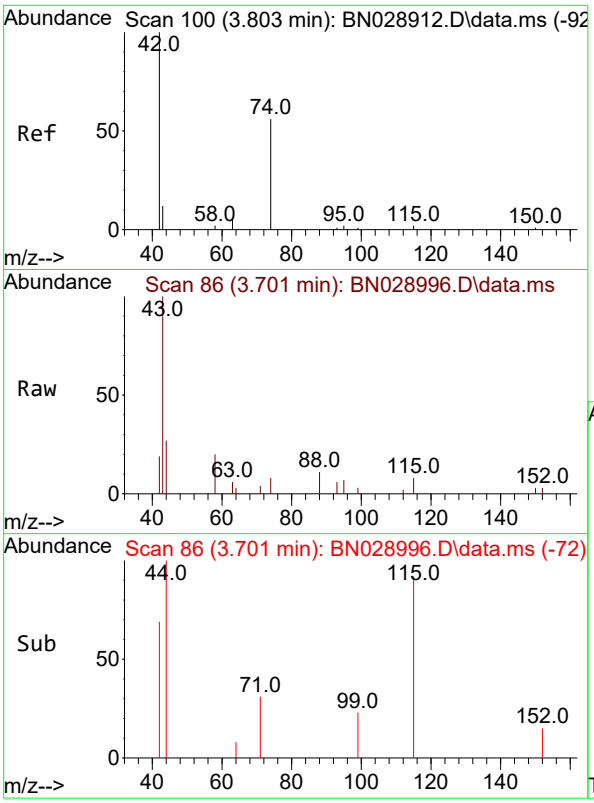




#2
1,4-Dioxane
Concen: 2.108 ng
RT: 3.333 min Scan# 35
Delta R.T. -0.015 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion: 88 Resp: 4760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 51.2 | 29.9 | 44.9# |
| 58 | 70.2 | 55.0 | 82.4 |



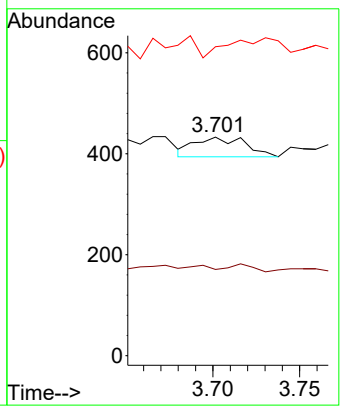


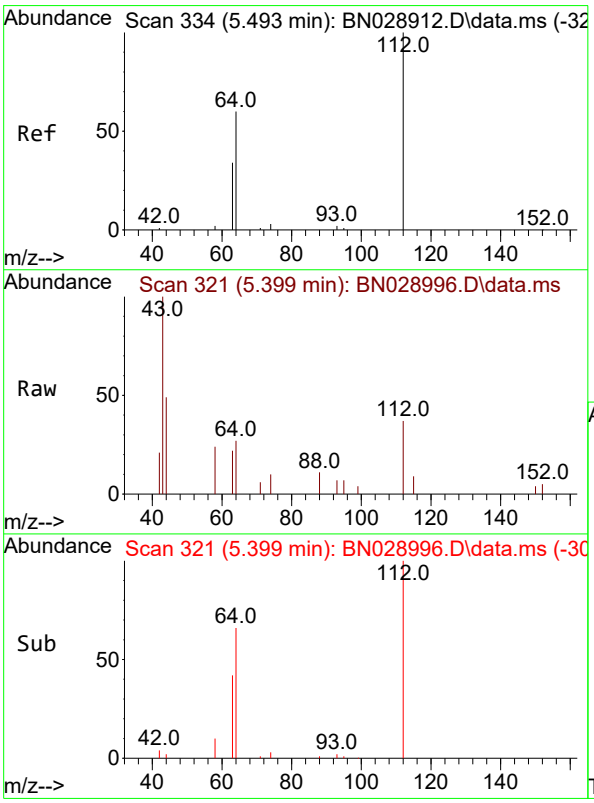

#3
n-Nitrosodimethylamine
Concen: 0.114 ng
RT: 3.701 min Scan# 8
Delta R.T. -0.000 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion: 42 Resp: 79

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 57.0 | 85.6# |
| 44 | 0.0 | 0.0 | 0.0 |

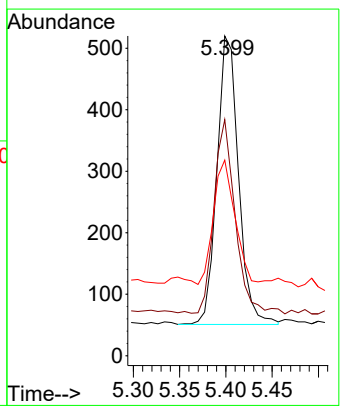


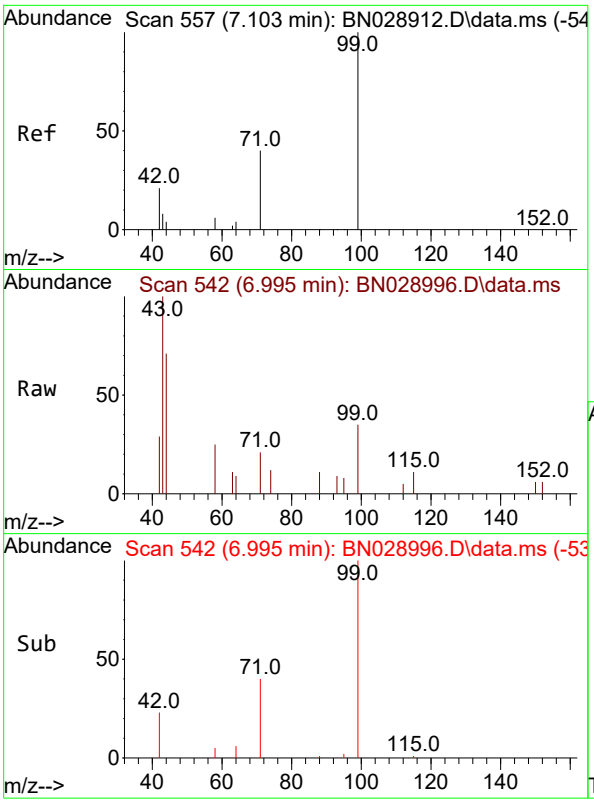




#4
2-Fluorophenol
Concen: 0.109 ng
RT: 5.399 min Scan# 321
Delta R.T. -0.015 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion:112 Resp: 760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.3 | 51.5 | 77.3 |
| 63 | 43.0 | 30.4 | 45.6 |



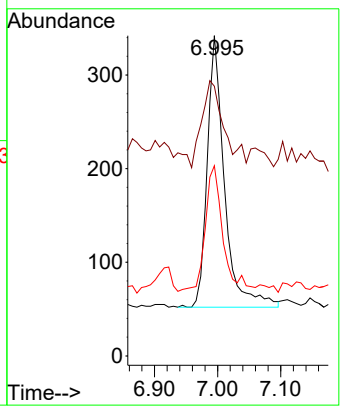


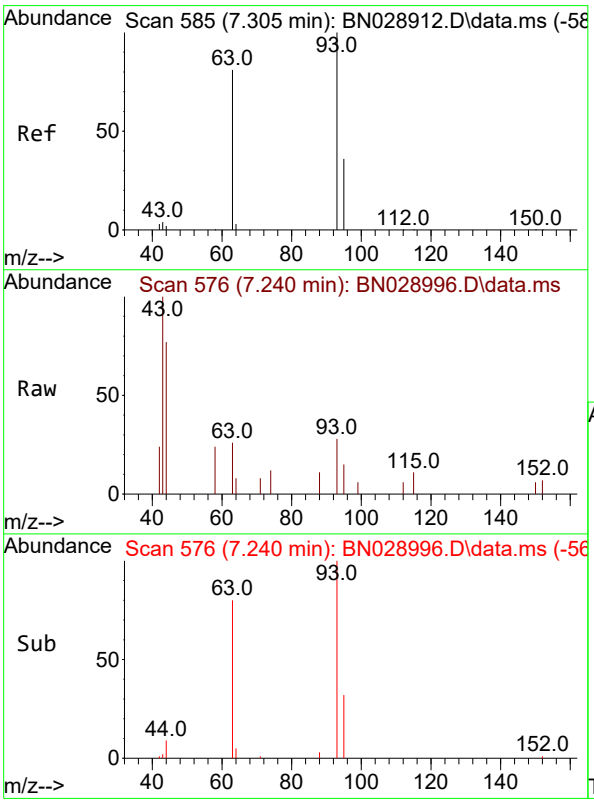

#5
Phenol-d6
Concen: 0.071 ng
RT: 6.995 min Scan# 54
Delta R.T. -0.015 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion: 99 Resp: 549

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 41.0 | 21.2 | 31.8# |
| 71 | 44.8 | 35.4 | 53.0 |

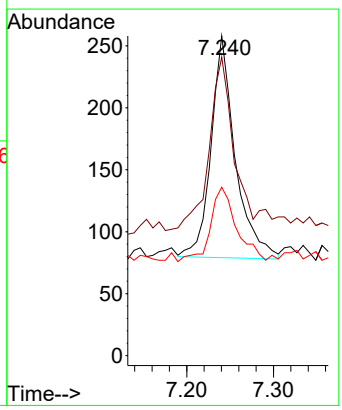


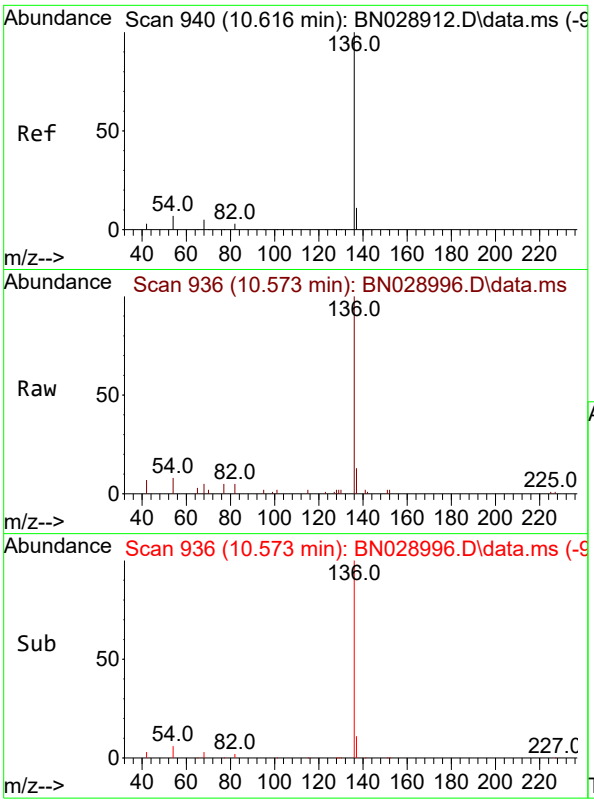




#6
bis(2-Chloroethyl)ether
Concen: 0.053 ng
RT: 7.240 min Scan# 576
Delta R.T. -0.007 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion: 93 Resp: 347

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 84.1 | 66.9 | 100.3 |
| 95 | 36.0 | 28.2 | 42.4 |



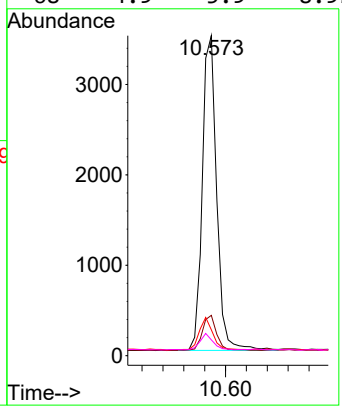


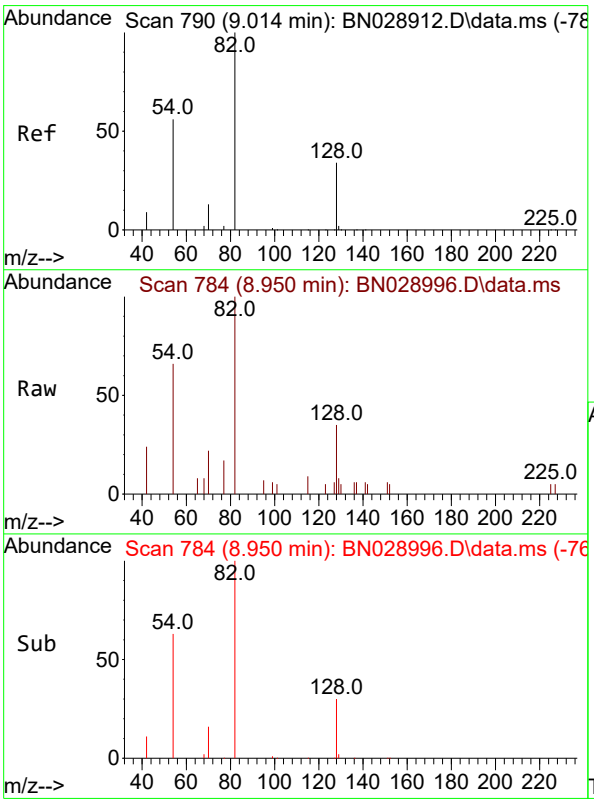

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.573 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion:136 Resp: 6659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.6 | 10.6 | 16.0 |
| 54 | 8.1 | 7.5 | 11.3 |
| 68 | 4.9 | 5.9 | 8.9# |

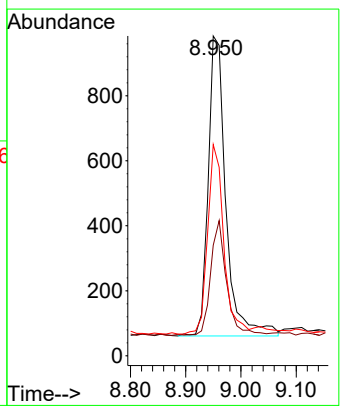


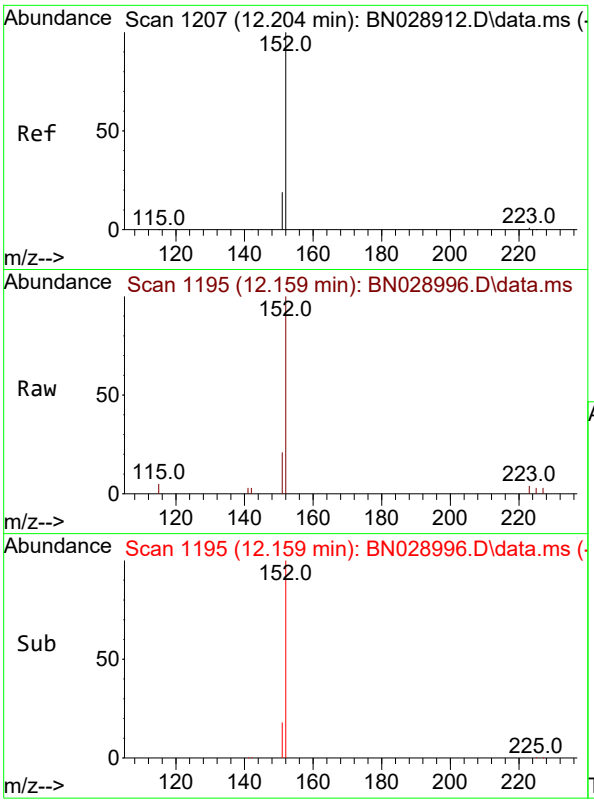




#8
Nitrobenzene-d5
Concen: 0.311 ng
RT: 8.950 min Scan# 784
Delta R.T. -0.022 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion: 82 Resp: 2056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.6 | 29.2 | 43.8 |
| 54 | 66.1 | 47.0 | 70.6 |



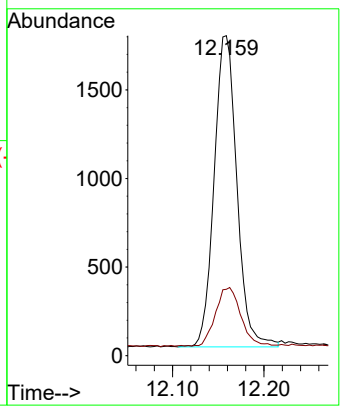


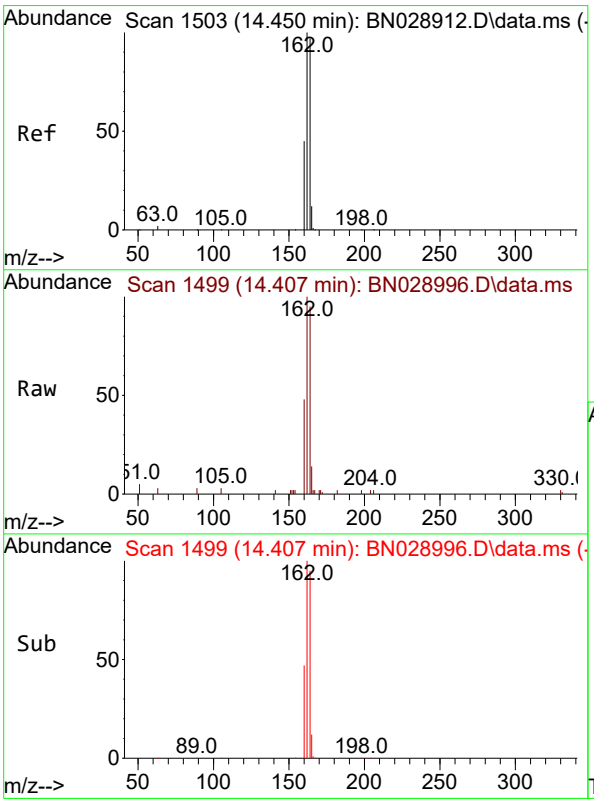

#11
2-Methylnaphthalene-d10
Concen: 0.284 ng
RT: 12.159 min Scan# 11
Delta R.T. -0.012 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion:152 Resp: 3033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.9 | 16.7 | 25.1 |

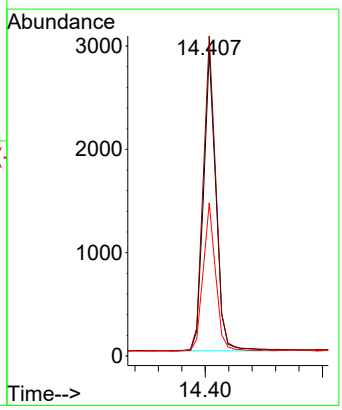


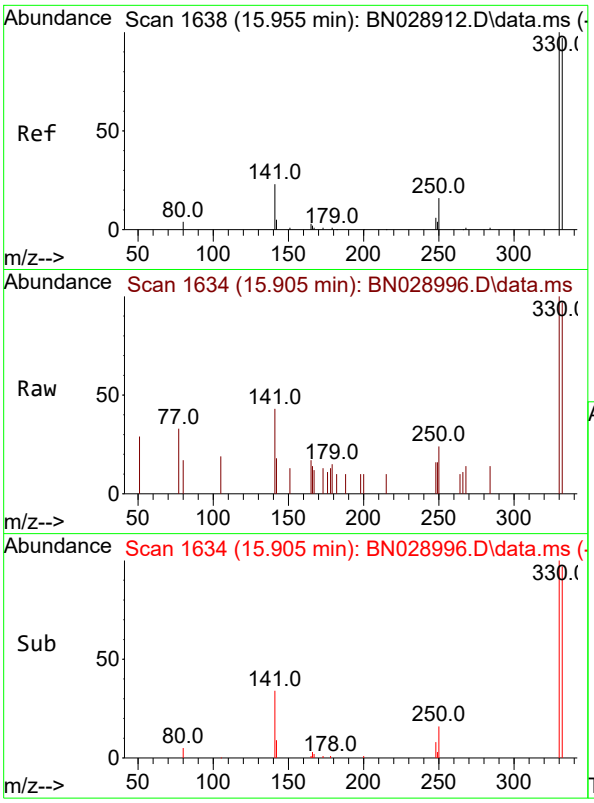




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.407 min Scan# 1499
Delta R.T. -0.011 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion:164 Resp: 4309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.2 | 81.7 | 122.5 |
| 160 | 50.3 | 37.0 | 55.6 |



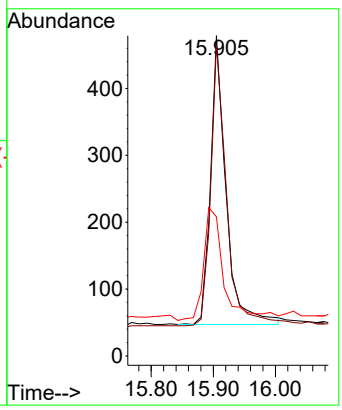


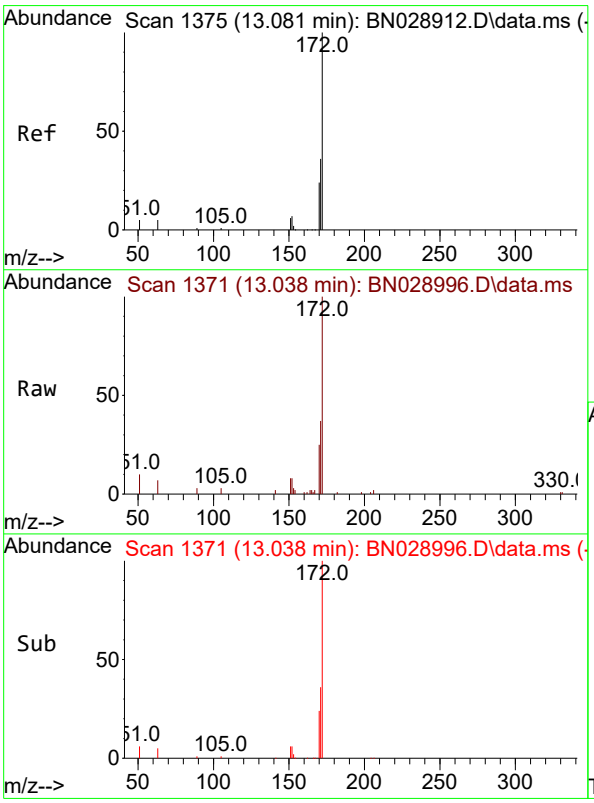

#14
2,4,6-Tribromophenol
Concen: 0.258 ng
RT: 15.905 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion:330 Resp: 750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.7 | 75.4 | 113.2 |
| 141 | 51.2 | 35.7 | 53.5 |

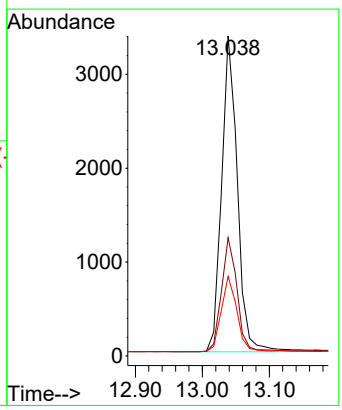


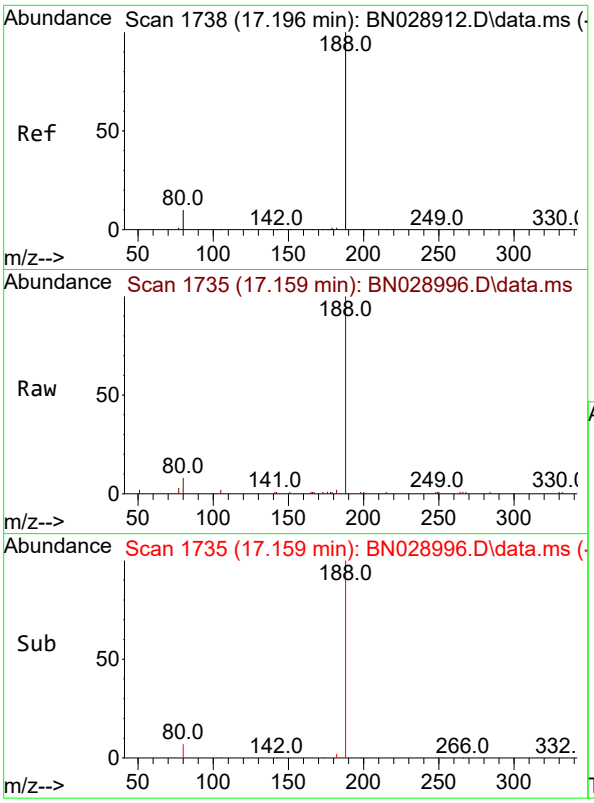




#15
2-Fluorobiphenyl
Concen: 0.294 ng
RT: 13.038 min Scan# 1371
Delta R.T. -0.011 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion:172 Resp: 5476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 29.0 | 43.4 |
| 170 | 24.9 | 19.7 | 29.5 |



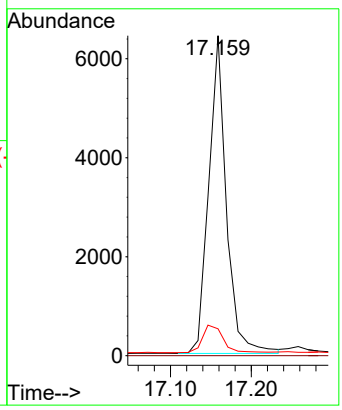


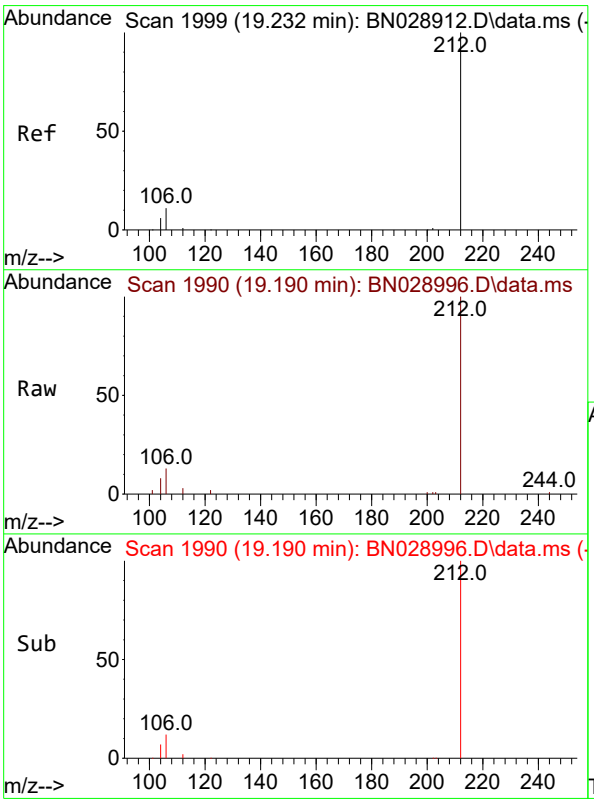

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.159 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion:188 Resp: 9765

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.4 | 9.0 | 13.6# |

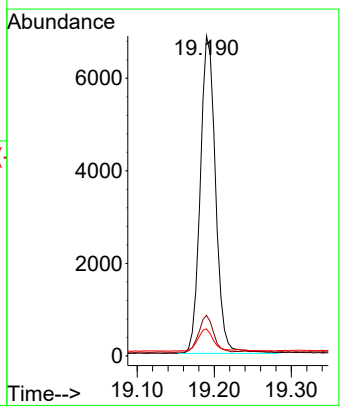


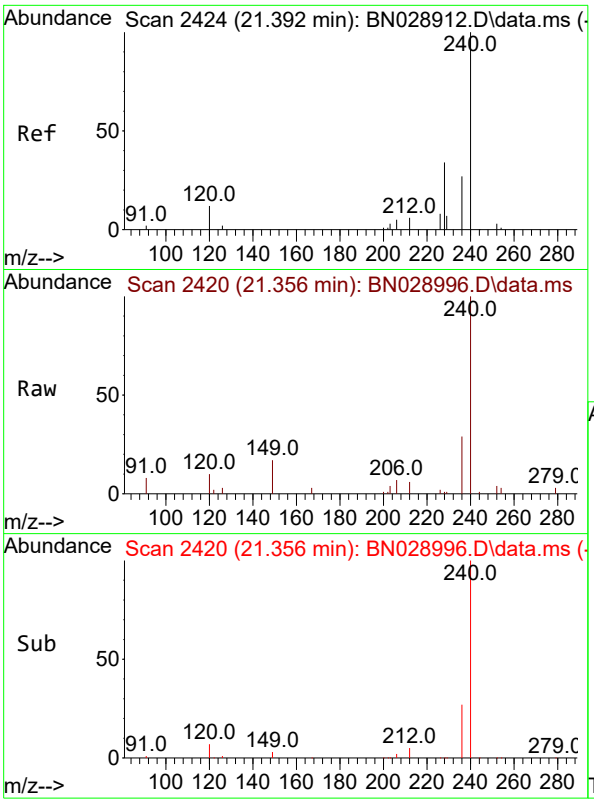




#27
Fluoranthene-d10
Concen: 0.369 ng
RT: 19.190 min Scan# 1990
Delta R.T. -0.019 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion:212 Resp: 9490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 11.4 | 9.4 | 14.2 |
| 104 | 7.1 | 6.2 | 9.2 |



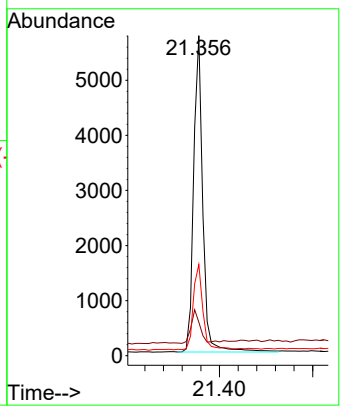


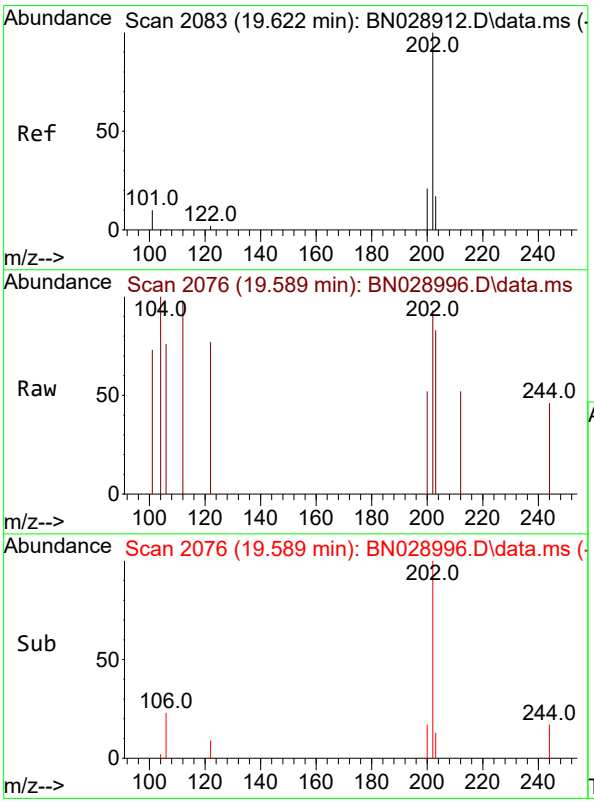

#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.356 min Scan# 24
Delta R.T. -0.018 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion:240 Resp: 7861

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 37.1 | 55.7# |
| 236 | 28.5 | 32.4 | 48.6# |

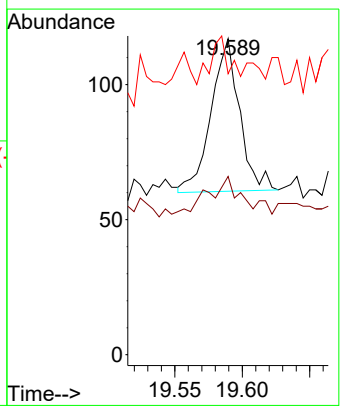


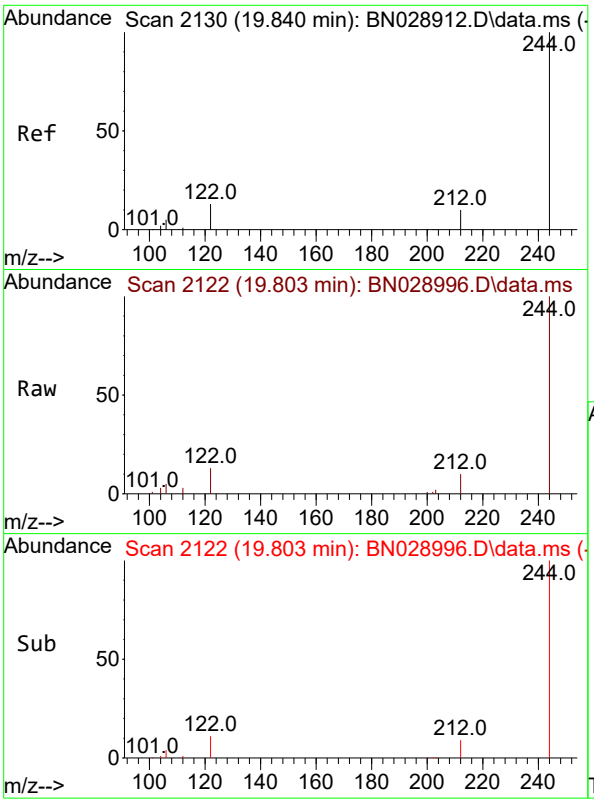




#30
Pyrene
Concen: 0.096 ng
RT: 19.589 min Scan# 2076
Delta R.T. -0.014 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion:202 Resp: 83

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 31.3 | 16.9 | 25.3# |
| 203 | 20.5 | 14.8 | 22.2 |



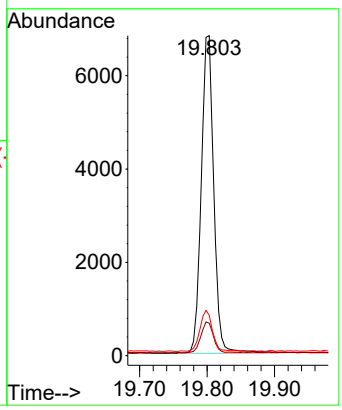


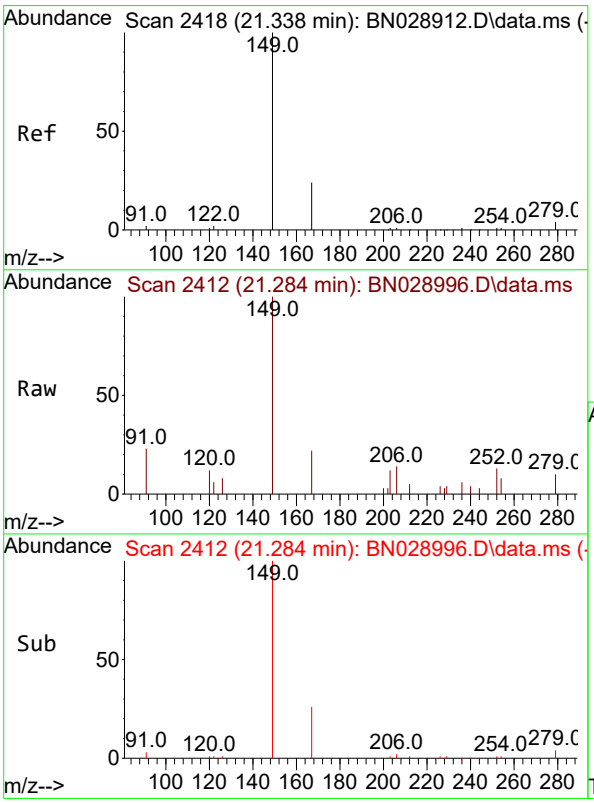

#31
Terphenyl-d14
Concen: 0.395 ng
RT: 19.803 min Scan# 21
Delta R.T. -0.014 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion:244 Resp: 8786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.1 | 11.5 | 17.3# |
| 122 | 12.6 | 13.2 | 19.8# |

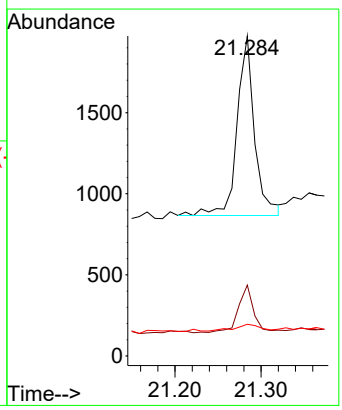


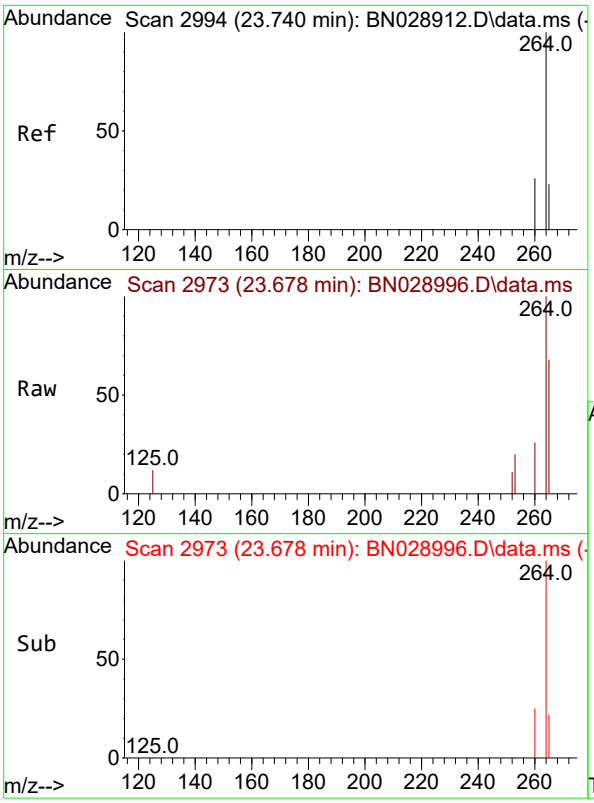




#34
Bis(2-ethylhexyl)phthalate
Concen: Below Cal
RT: 21.284 min Scan# 2412
Delta R.T. -0.018 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

Tgt Ion:149 Resp: 1572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 24.3 | 14.9 | 22.3# |
| 279 | 5.3 | 6.3 | 9.5# |






#35
Perylene-d12
Concen: 0.400 ng
RT: 23.678 min Scan# 2
Delta R.T. -0.029 min
Lab File: BN028996.D
Acq: 02 Dec 2023 22:59

**Instrument :**
BNA_N
**ClientSampleId :**
RE108D2-20231109

Tgt Ion:264 Resp: 7759

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.0 | 20.6 | 30.8 |
| 265 | 67.6 | 464.5 | 696.7# |