Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037963.D
Acq On : 01 Oct 2025 02:23
Operator : RC/JU
Sample : Q3193-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Quant Time: Oct 01 04:26:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.811 | 152 | 7310 | 0.400 | ng | -0.01 |
| 7) Naphthalene-d8 | 10.616 | 136 | 20987 | 0.400 | ng | -0.01 |
| 13) Acenaphthene-d10 | 14.462 | 164 | 11025 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.211 | 188 | 21998 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.393 | 240 | 18988 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.718 | 264 | 14992 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.384 | 112 | 2438 | 0.146 | ng | 0.00 |
| 5) Phenol-d6 | 6.966 | 99 | 1963 | 0.090 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.961 | 82 | 5482 | 0.342 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.207 | 152 | 9258 | 0.318 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.957 | 330 | 1408 | 0.337 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.083 | 172 | 15199 | 0.337 | ng | -0.01 |
| 27) Fluoranthene-d10 | 19.248 | 212 | 23352 | 0.422 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.843 | 244 | 18724 | 0.495 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.290 | 88 | 1029 | 0.139 | ng | # 75 |
| 20) 4,6-Dinitro-2-methylph... | 15.585 | 198 | 13 | 0.072 | ng | # 1 |
| 34) Bis(2-ethylhexyl)phtha... | 21.313 | 149 | 5006 | 0.191 | ng | # 99 |

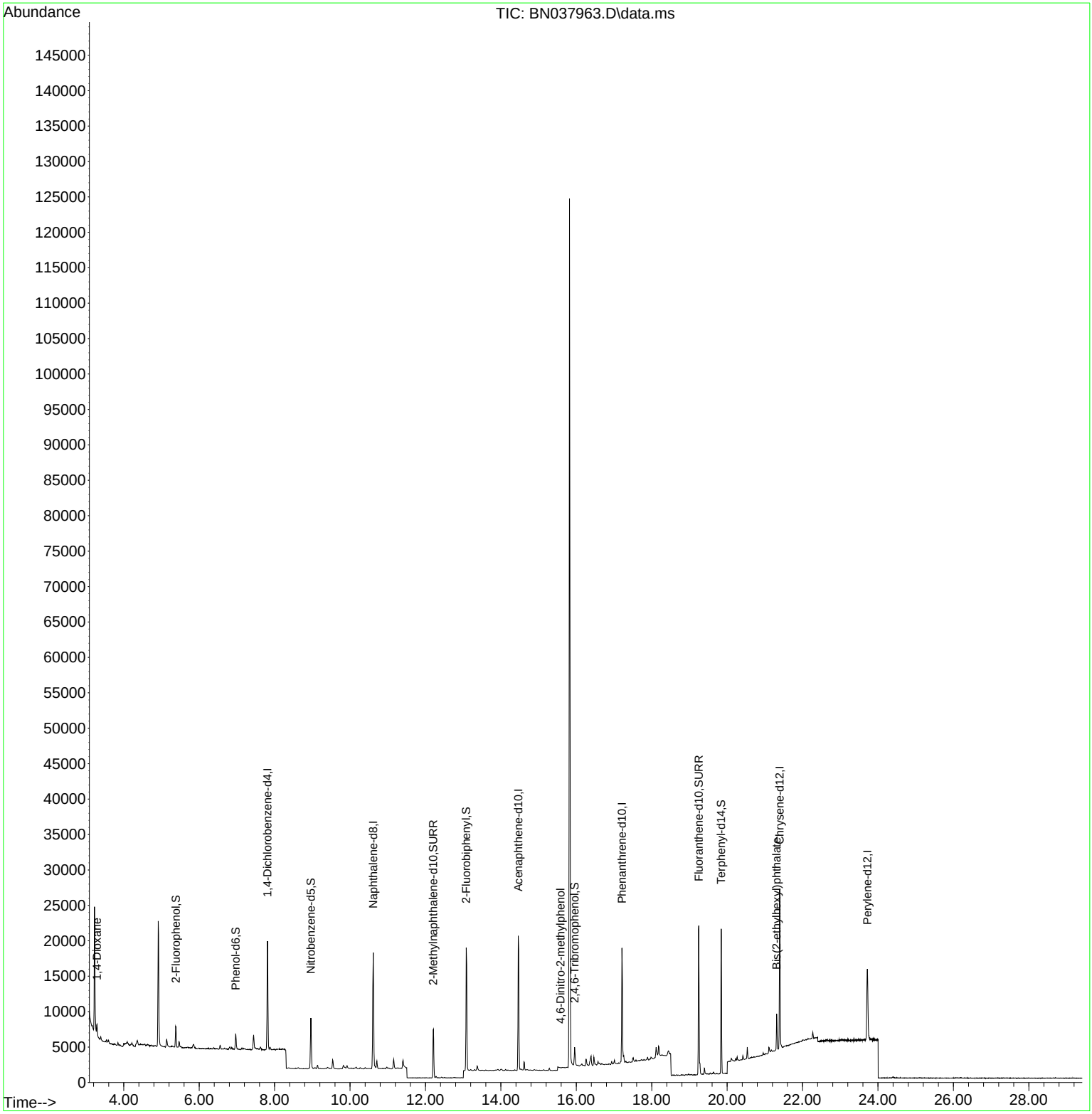
(#) = qualifier out of range (m) = manual integration (+) = signals summed

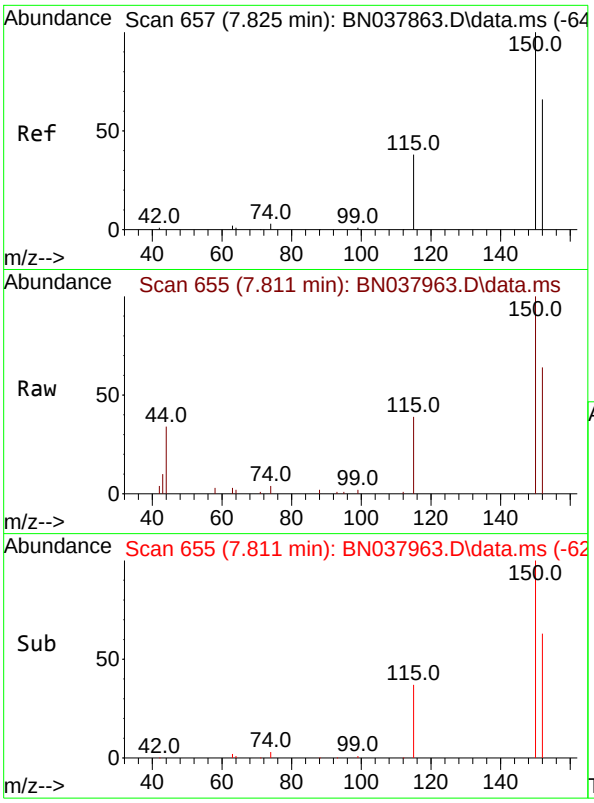
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037963.D
Acq On : 01 Oct 2025 02:23
Operator : RC/JU
Sample : Q3193-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Quant Time: Oct 01 04:26:04 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration



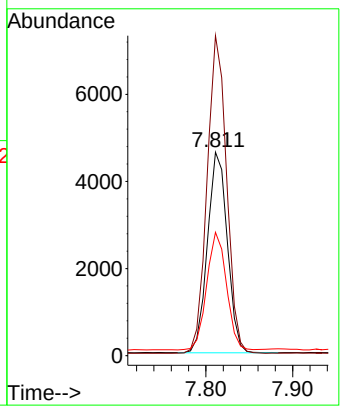


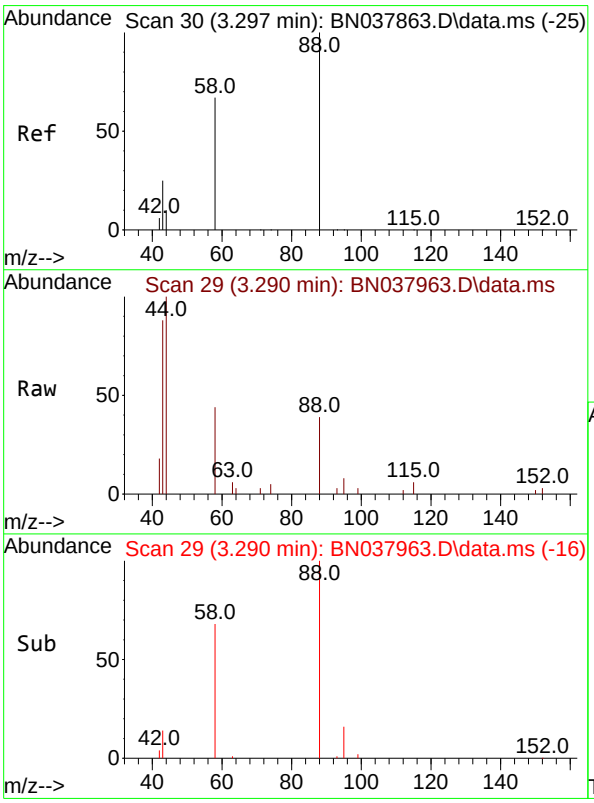

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.811 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:152 Resp: 7310

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.2 | 121.0 | 181.4 |
| 115 | 60.7 | 47.4 | 71.0 |

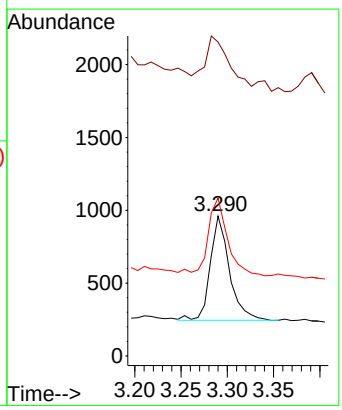


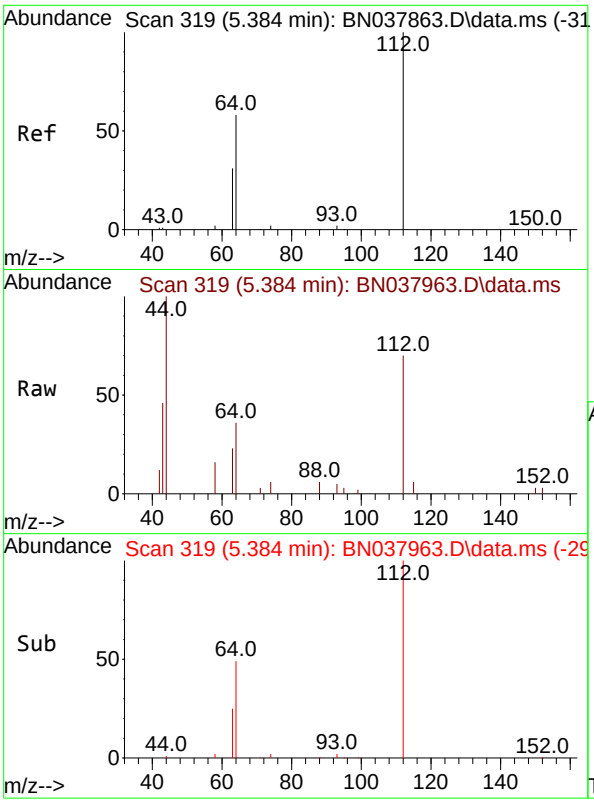




#2
1,4-Dioxane
Concen: 0.139 ng
RT: 3.290 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion: 88 Resp: 1029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 77.6 | 26.6 | 39.8# |
| 58 | 74.6 | 58.9 | 88.3 |



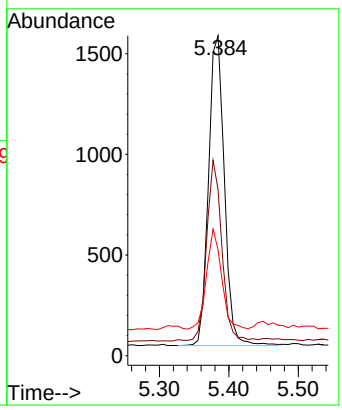


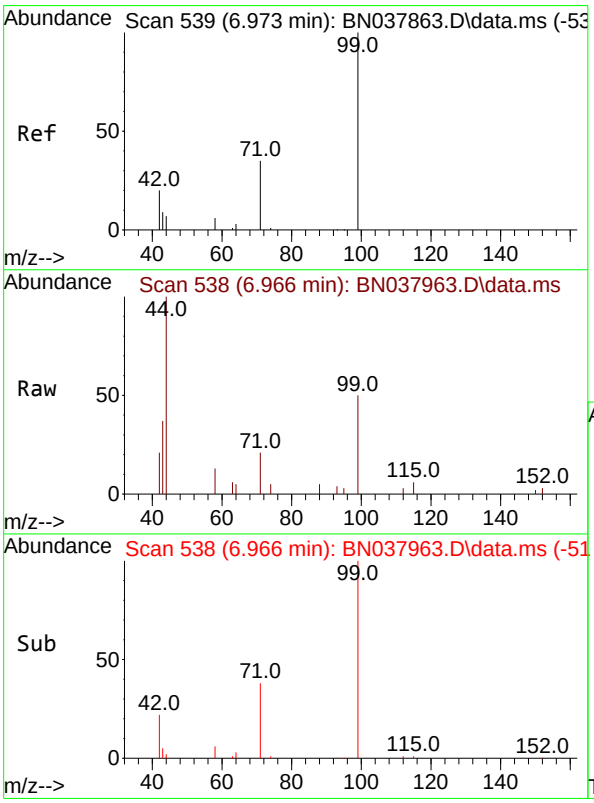

#4
2-Fluorophenol
Concen: 0.146 ng
RT: 5.384 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:112 Resp: 2438

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.8 | 44.6 | 66.8 |
| 63 | 30.3 | 24.9 | 37.3 |

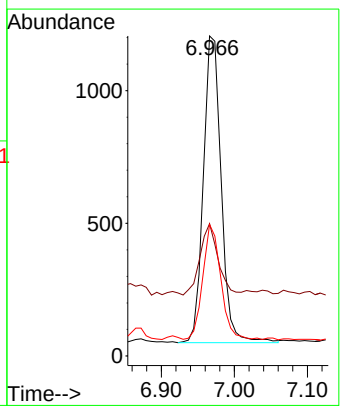


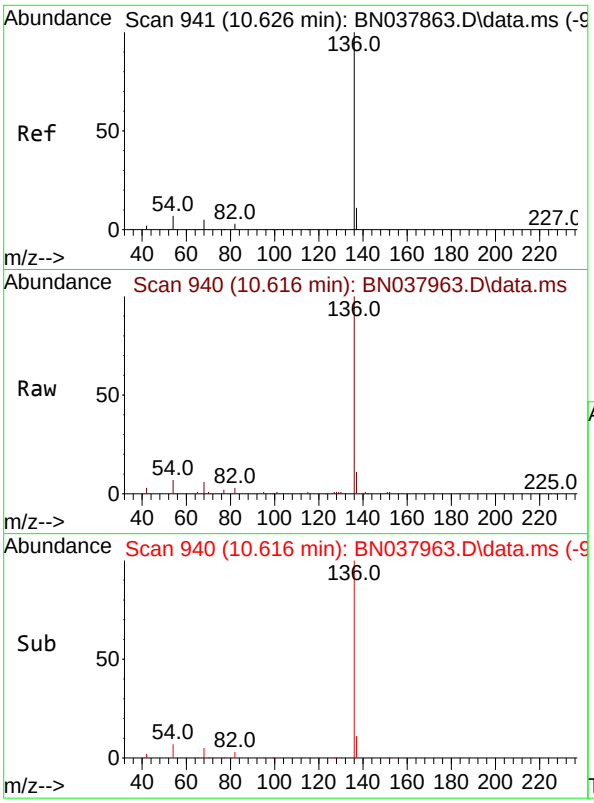




#5
Phenol-d6
Concen: 0.090 ng
RT: 6.966 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion: 99 Resp: 1963

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.5 | 17.2 | 25.8 |
| 71 | 37.8 | 27.3 | 40.9 |



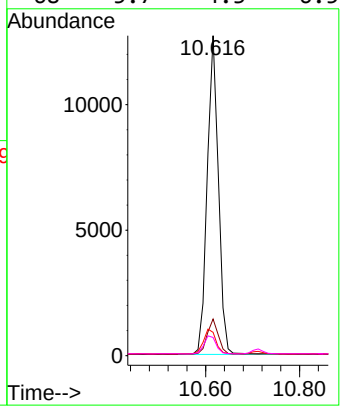


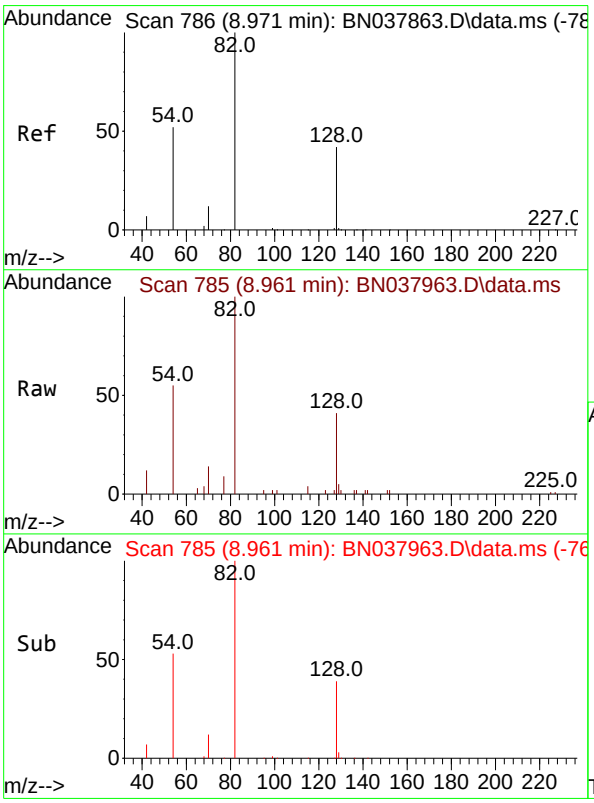

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.616 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:136 Resp: 20987

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 9.0 | 13.4 |
| 54 | 7.3 | 5.8 | 8.8 |
| 68 | 5.7 | 4.3 | 6.5 |

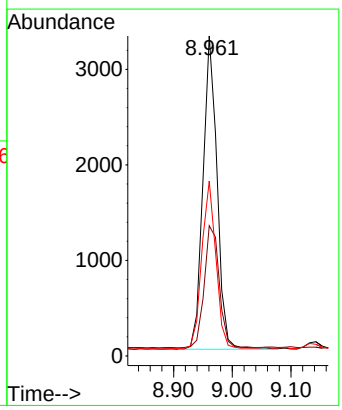


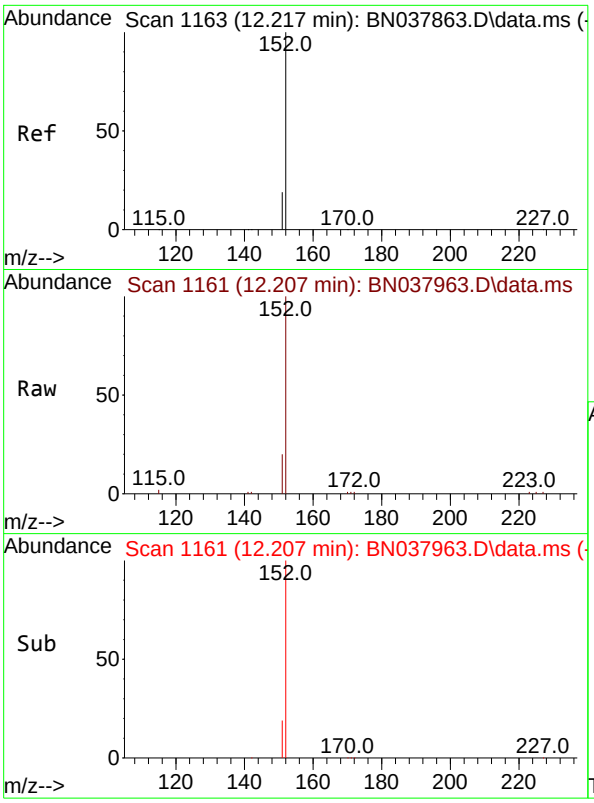




#8
Nitrobenzene-d5
Concen: 0.342 ng
RT: 8.961 min Scan# 785
Delta R.T. -0.011 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion: 82 Resp: 5482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 40.7 | 34.8 | 52.2 |
| 54 | 54.6 | 42.2 | 63.2 |



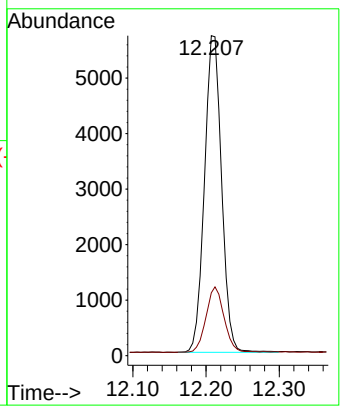


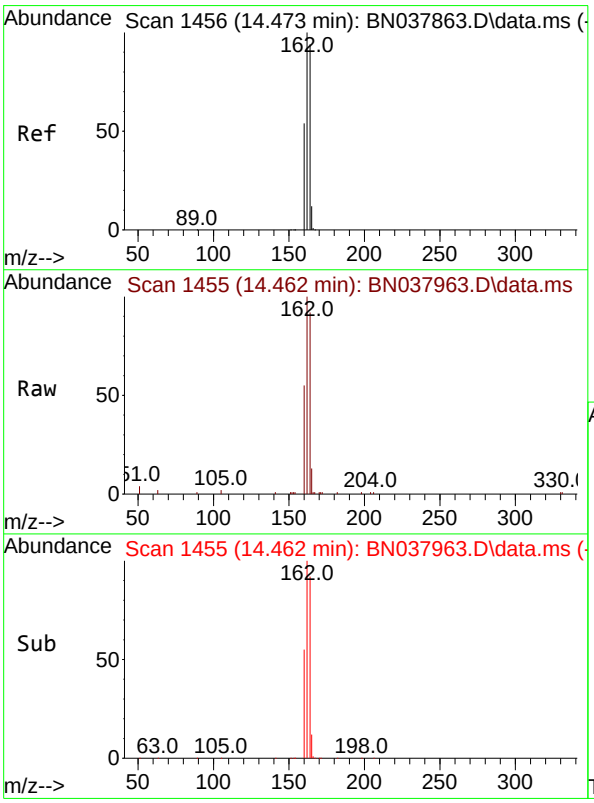

#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.207 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:152 Resp: 9258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.6 | 17.4 | 26.2 |

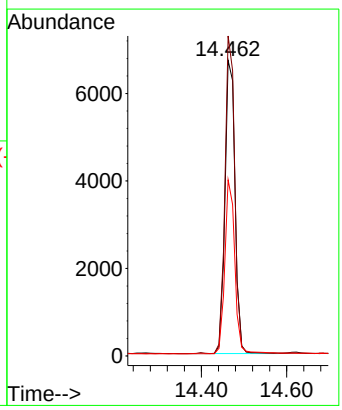


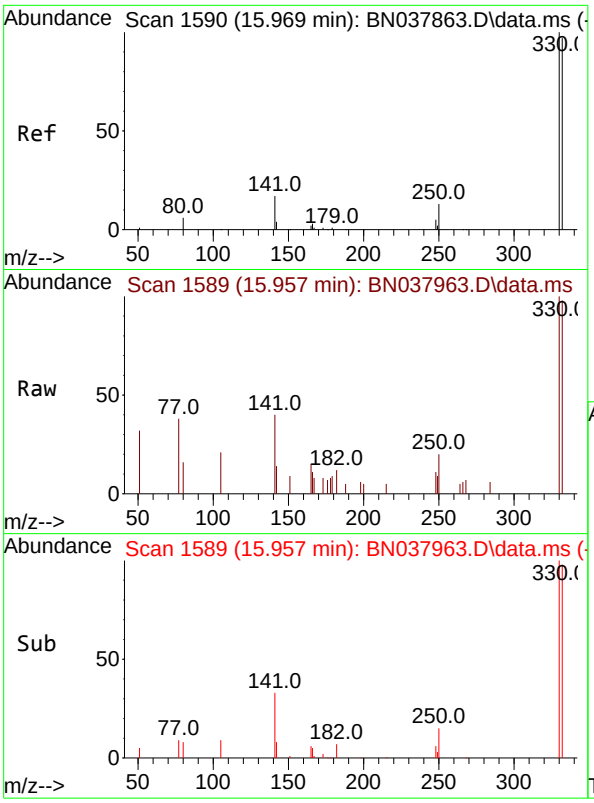




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.462 min Scan# 1455
Delta R.T. -0.011 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:164 Resp: 11025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 108.3 | 84.8 | 127.2 |
| 160 | 59.6 | 46.1 | 69.1 |



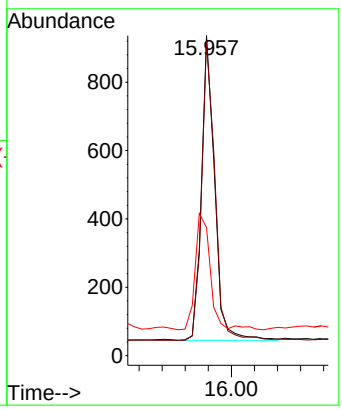


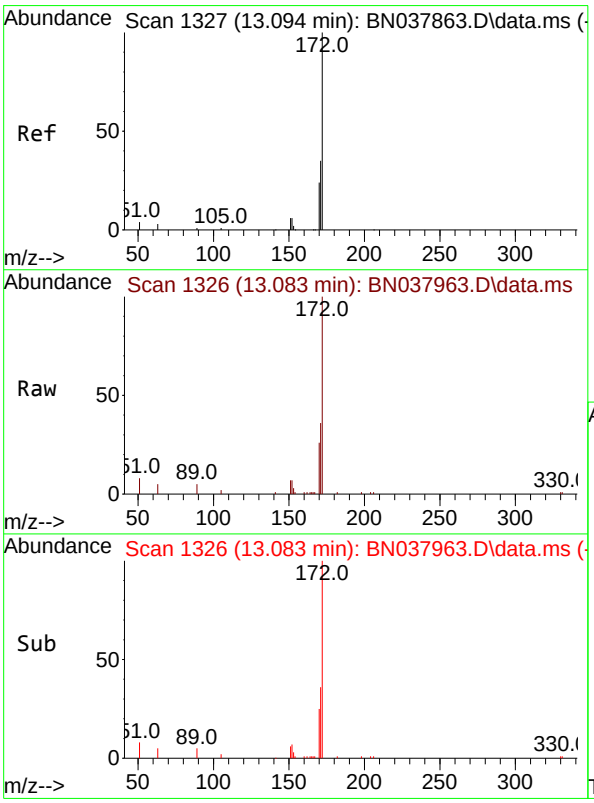

#14
2,4,6-Tribromophenol
Concen: 0.337 ng
RT: 15.957 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:330 Resp: 1408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 99.2 | 77.2 | 115.8 |
| 141 | 43.8 | 37.2 | 55.8 |

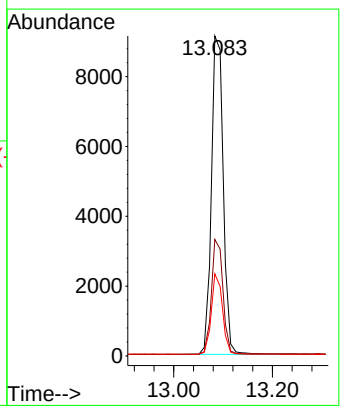


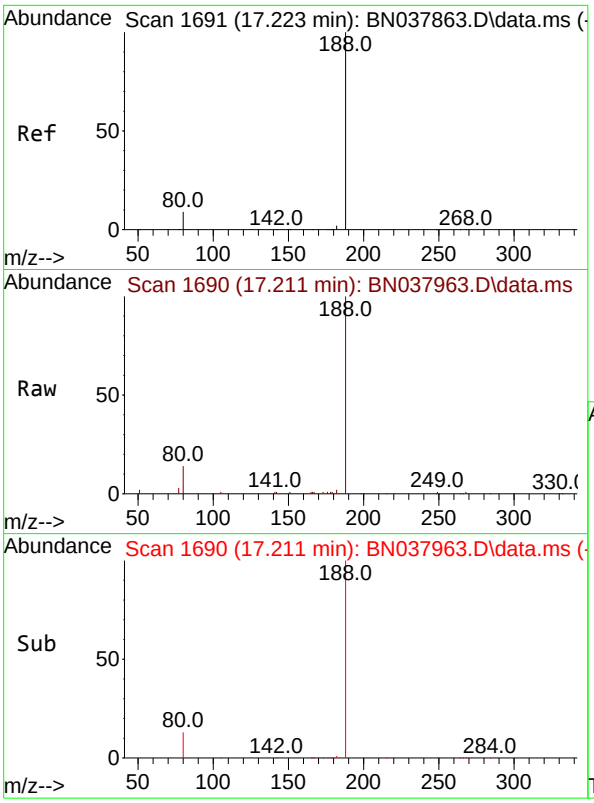




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.083 min Scan# 1326
Delta R.T. -0.011 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:172 Resp: 15199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 28.6 | 43.0 |
| 170 | 25.6 | 19.7 | 29.5 |



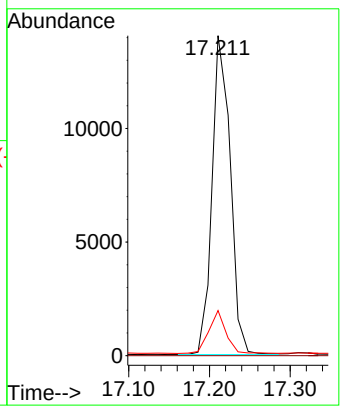


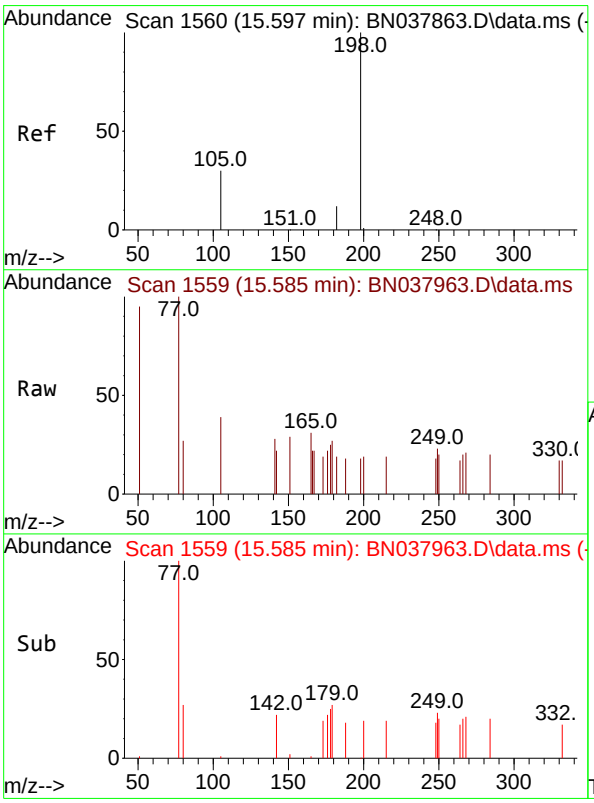

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.211 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:188 Resp: 21998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 14.1 | 7.6 | 11.4# |

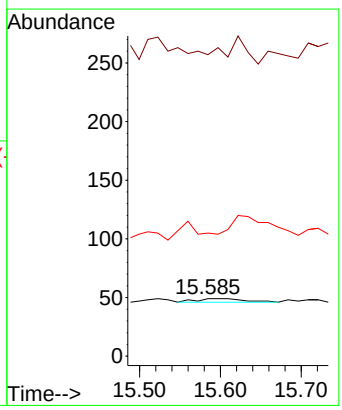


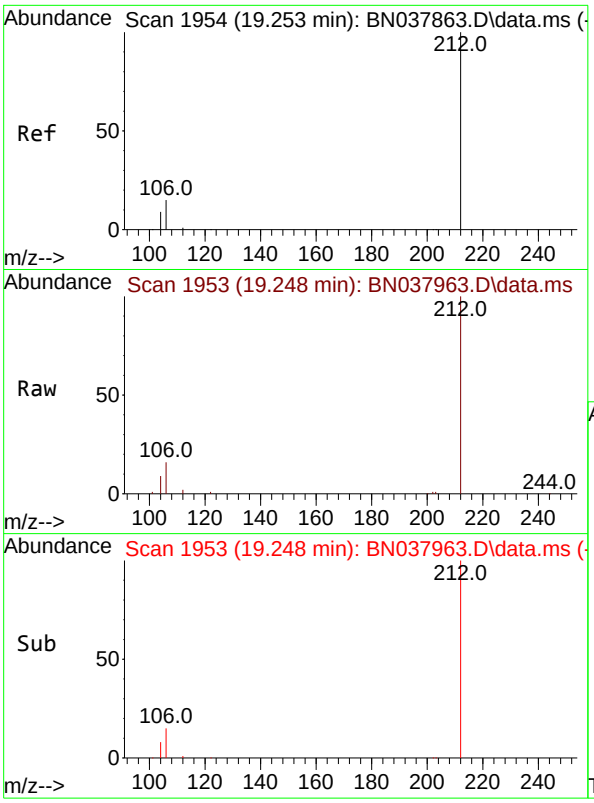




#20
4,6-Dinitro-2-methylphenol
Concen: 0.072 ng
RT: 15.585 min Scan# 1559
Delta R.T. -0.012 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:198 Resp: 13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 524.5 | 59.1 | 88.7# |
| 105 | 214.3 | 41.3 | 61.9# |



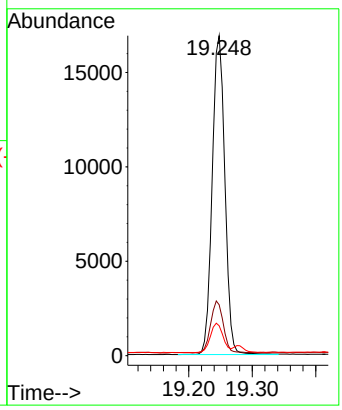


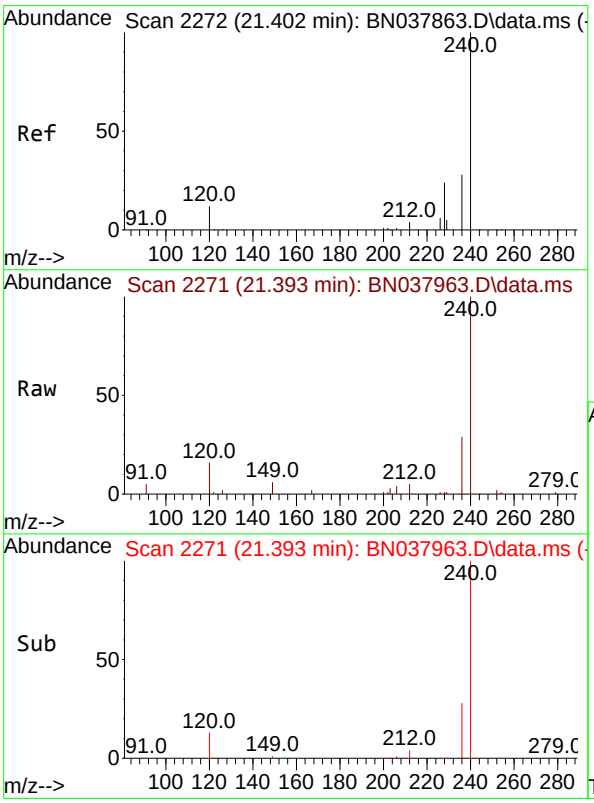

#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.248 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:212 Resp: 23352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 16.4 | 12.6 | 19.0 |
| 104 | 9.3 | 7.4 | 11.0 |

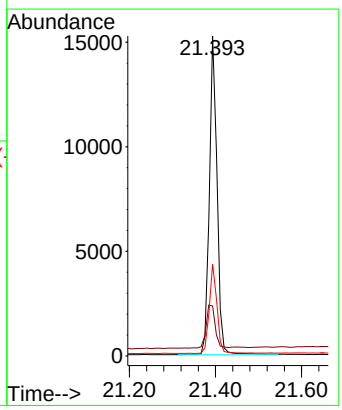


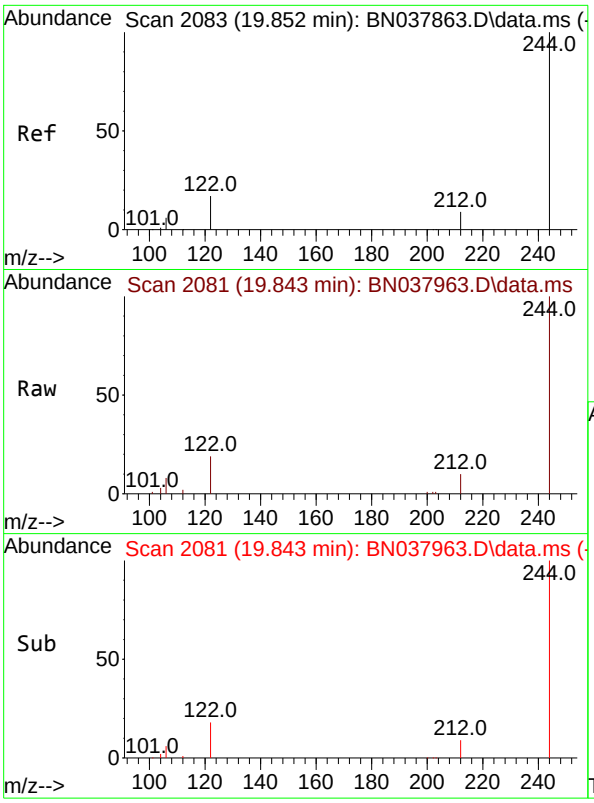




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.393 min Scan# 2271
Delta R.T. -0.009 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:240 Resp: 18988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 15.6 | 11.4 | 17.2 |
| 236 | 28.7 | 23.0 | 34.6 |



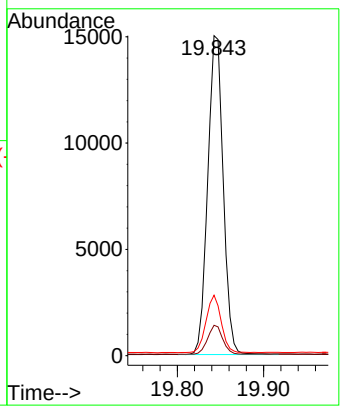


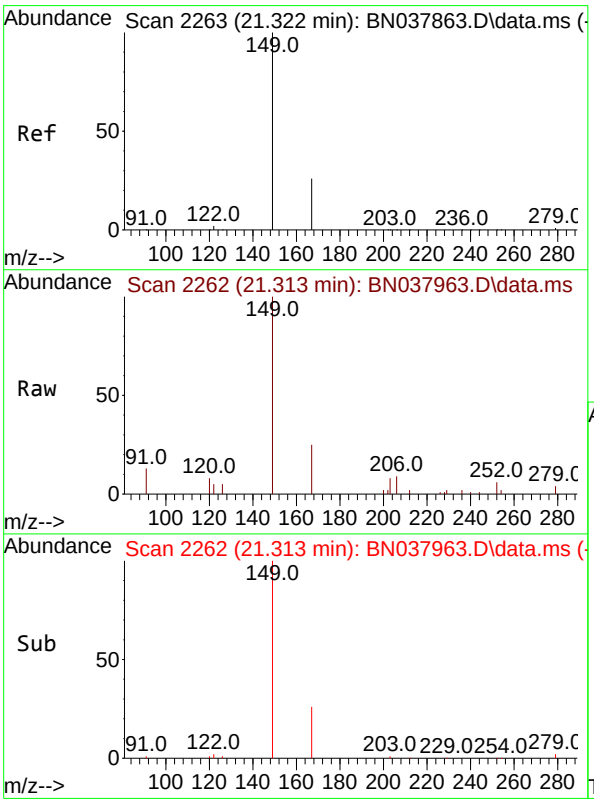

#31
Terphenyl-d14
Concen: 0.495 ng
RT: 19.843 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:244 Resp: 18724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.5 | 7.6 | 11.4 |
| 122 | 18.9 | 13.9 | 20.9 |

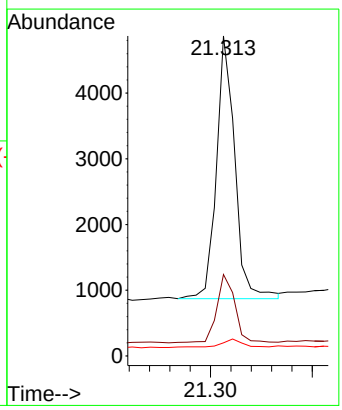


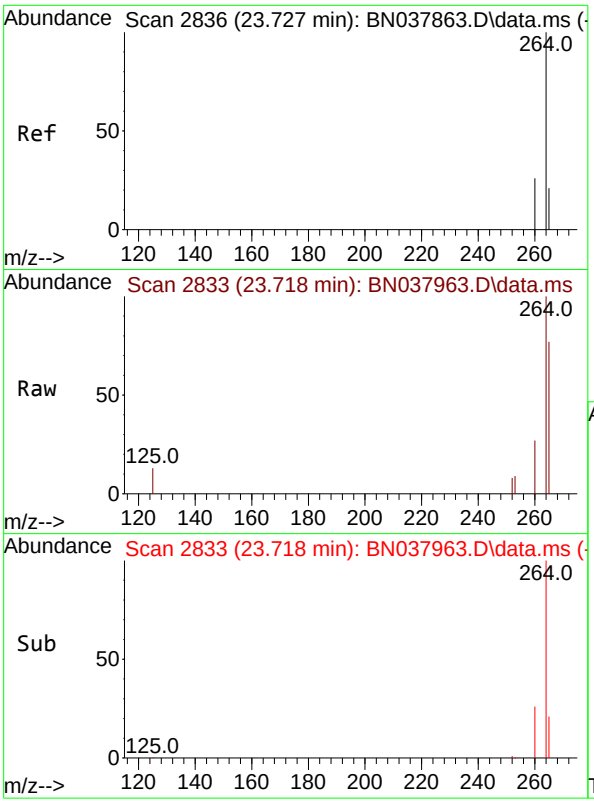




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.191 ng
RT: 21.313 min Scan# 2262
Delta R.T. -0.009 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

Tgt Ion:149 Resp: 5006

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 25.7 | 20.4 | 30.6 |
| 279 | 3.8 | 2.4 | 3.6# |






#35
Perylene-d12
Concen: 0.400 ng
RT: 23.718 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037963.D
Acq: 01 Oct 2025 02:23

**Instrument :**
BNA_N
**ClientSampleId :**
DUP12-20250923

Tgt Ion:264 Resp: 14992

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.8 | 21.5 | 32.3 |
| 265 | 76.9 | 53.8 | 80.6 |