Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038241.D
Acq On : 02 Dec 2025 00:30
Operator : RC/JU
Sample : Q3691-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Quant Time: Dec 02 03:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.768 | 152 | 8461 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.562 | 136 | 24494 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 14.430 | 164 | 11341 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.173 | 188 | 17486 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.366 | 240 | 13270 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.674 | 264 | 13889 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.341 | 112 | 2908 | 0.147 | ng | 0.00 |
| 5) Phenol-d6 | 6.930 | 99 | 1935 | 0.078 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.918 | 82 | 6470 | 0.330 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.162 | 152 | 9730 | 0.280 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.932 | 330 | 1195 | 0.335 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.051 | 172 | 15875 | 0.362 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.211 | 212 | 15420 | 0.407 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.815 | 244 | 12920 | 0.422 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.247 | 88 | 25773 | 2.892 | ng | # 96 |
| 6) bis(2-Chloroethyl)ether | 7.190 | 93 | 503 | 0.021 | ng | 86 |
| 34) Bis(2-ethylhexyl)phtha... | 21.286 | 149 | 2690 | 0.109 | ng | 98 |

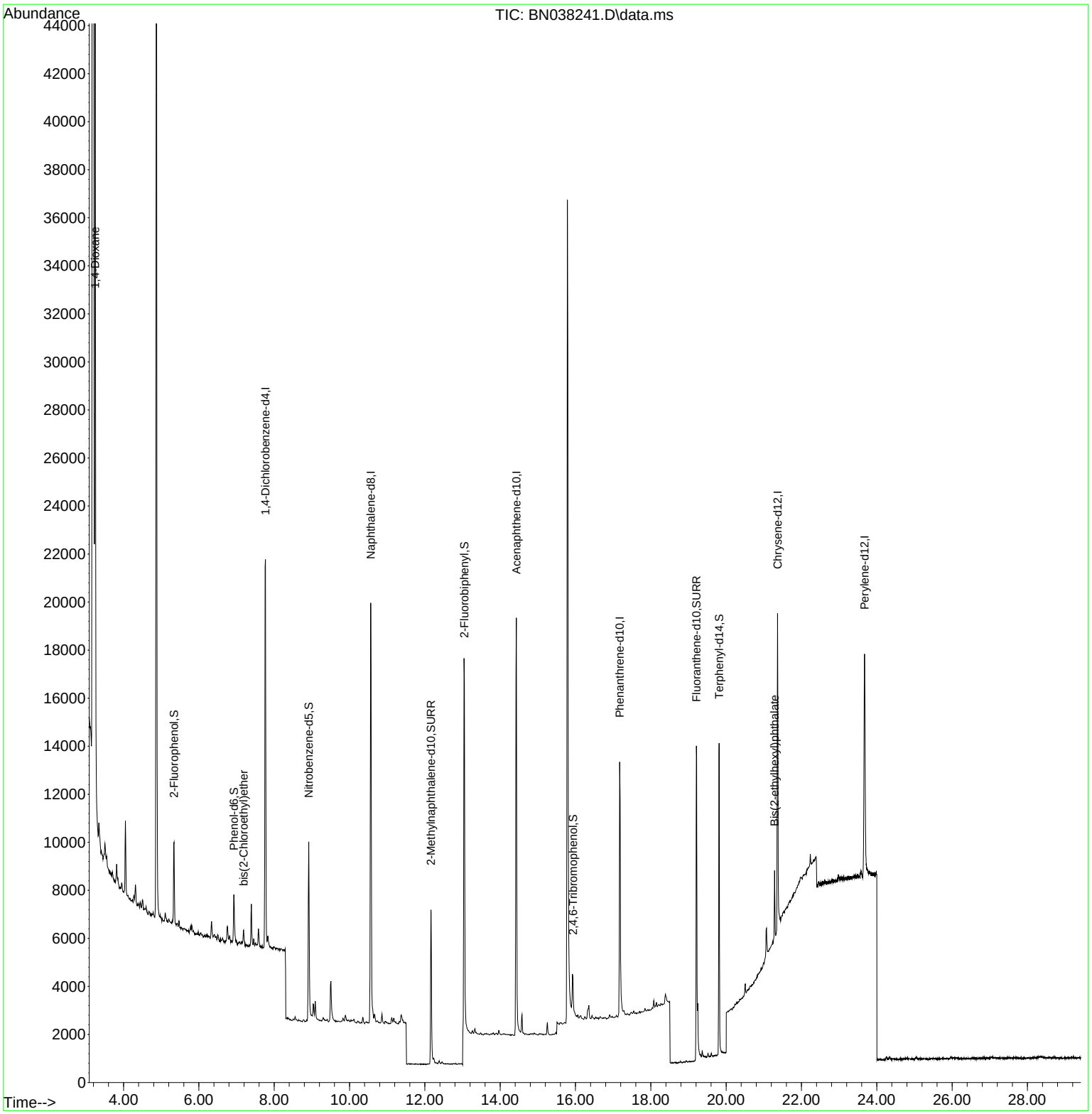
(#) = qualifier out of range (m) = manual integration (+) = signals summed

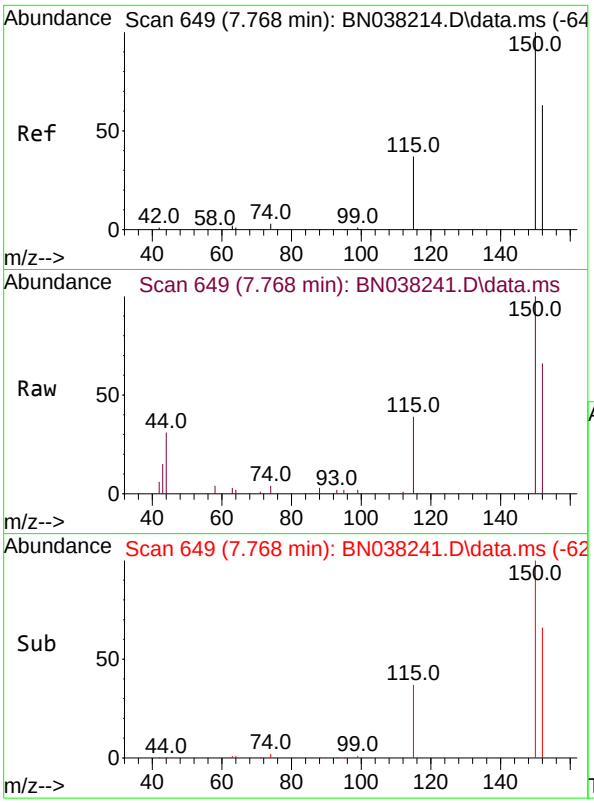
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038241.D
Acq On : 02 Dec 2025 00:30
Operator : RC/JU
Sample : Q3691-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Quant Time: Dec 02 03:24:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration



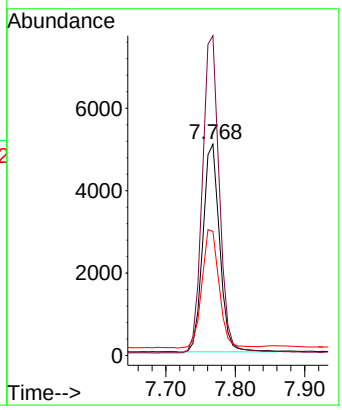


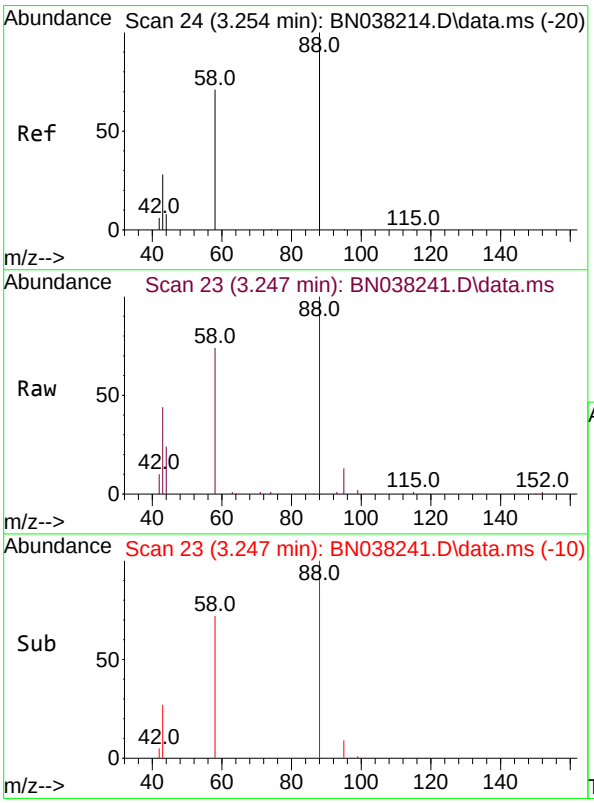

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.768 min Scan# 64
Delta R.T. -0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion:152 Resp: 8461

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.4 | 125.3 | 187.9 |
| 115 | 58.8 | 49.0 | 73.4 |

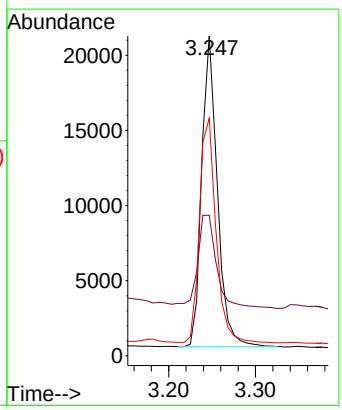


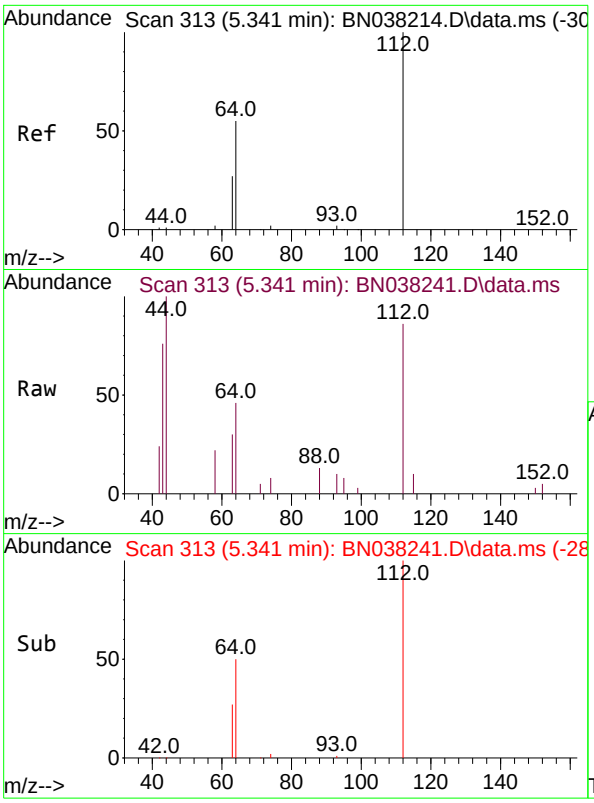




#2
1,4-Dioxane
Concen: 2.892 ng
RT: 3.247 min Scan# 23
Delta R.T. -0.007 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion: 88 Resp: 25773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 37.5 | 24.8 | 37.2# |
| 58 | 76.7 | 61.1 | 91.7 |



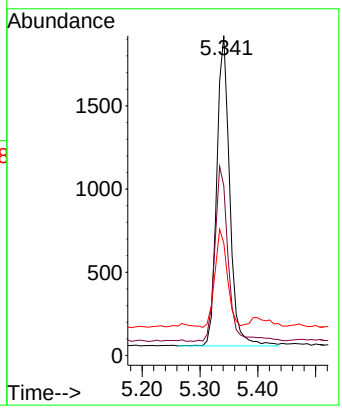


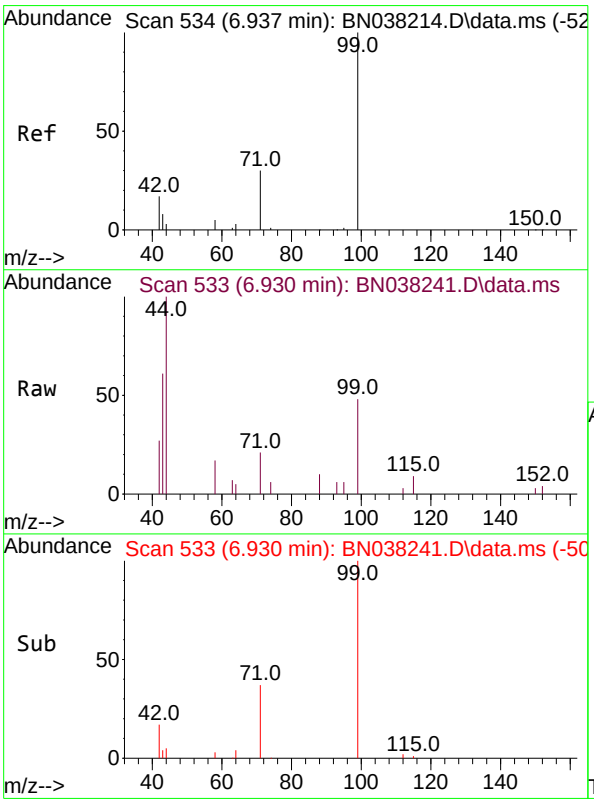

#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.341 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion:112 Resp: 2908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.7 | 45.0 | 67.4 |
| 63 | 30.2 | 23.2 | 34.8 |

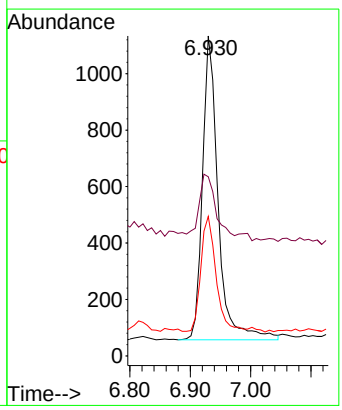


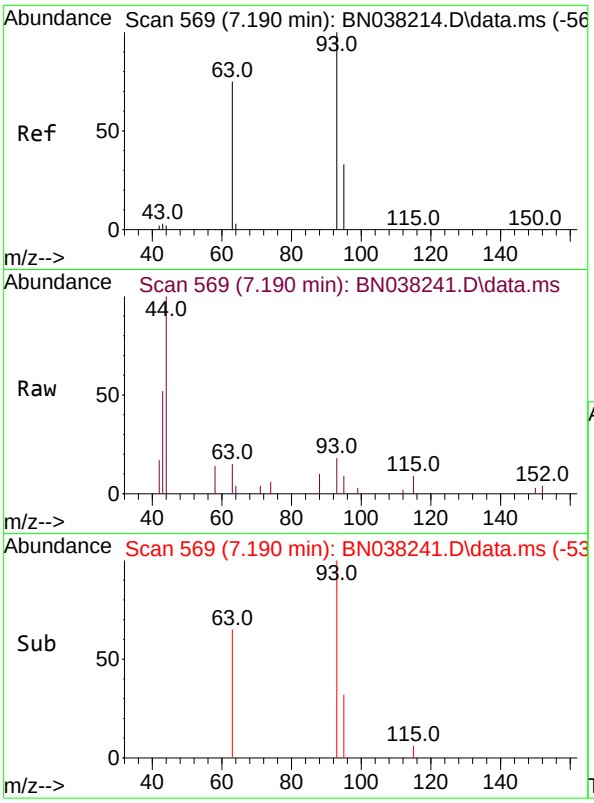




#5
Phenol-d6
Concen: 0.078 ng
RT: 6.930 min Scan# 533
Delta R.T. -0.007 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion: 99 Resp: 1935

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 19.8 | 17.0 | 25.6 |
| 71 | 36.6 | 25.4 | 38.2 |



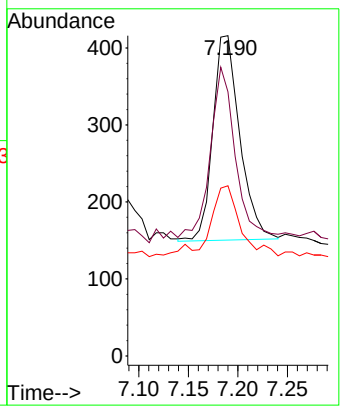


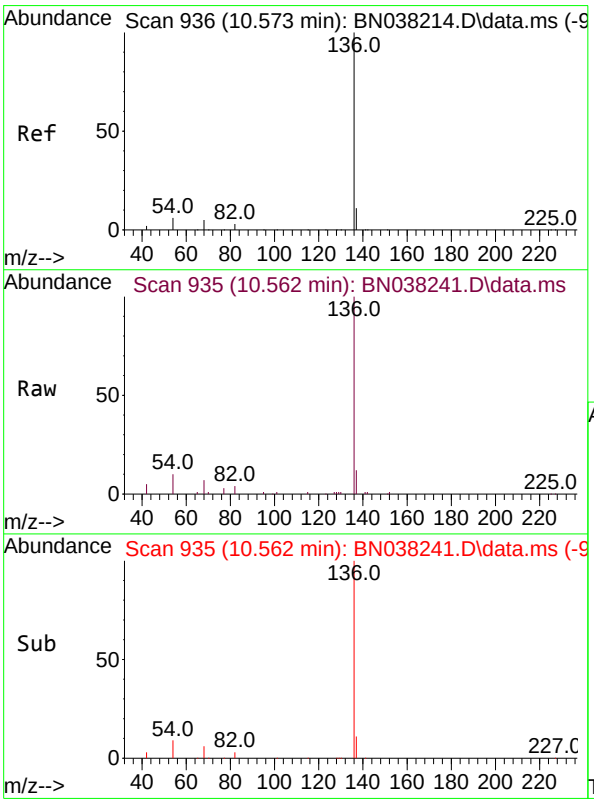

#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 7.190 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion: 93 Resp: 503

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 85.7 | 58.1 | 87.1 |
| 95 | 37.2 | 25.1 | 37.7 |

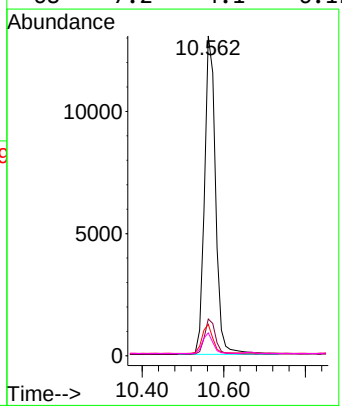


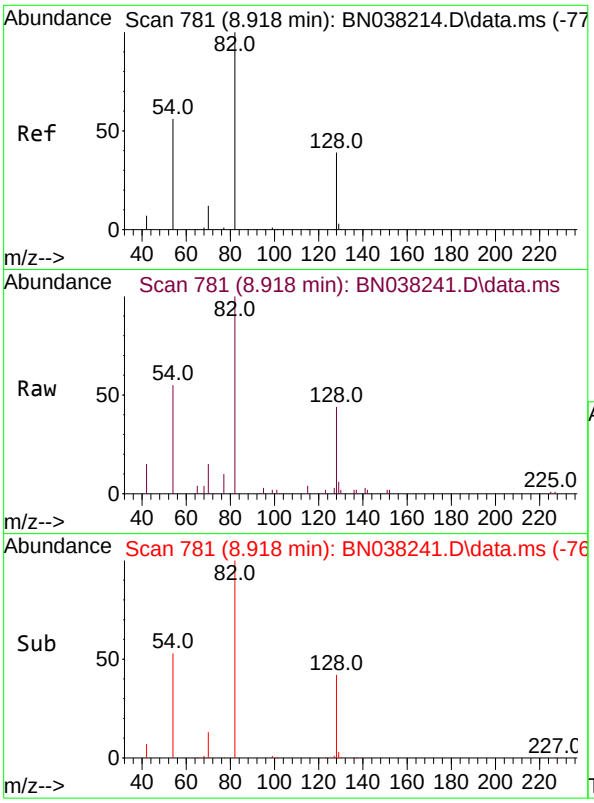




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 935
Delta R.T. -0.011 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:136 Resp: 24494

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 8.9 | 13.3 |
| 54 | 9.9 | 5.4 | 8.0# |
| 68 | 7.2 | 4.1 | 6.1# |



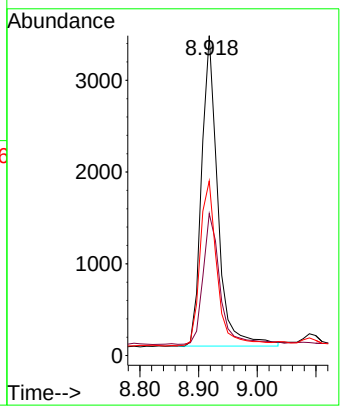


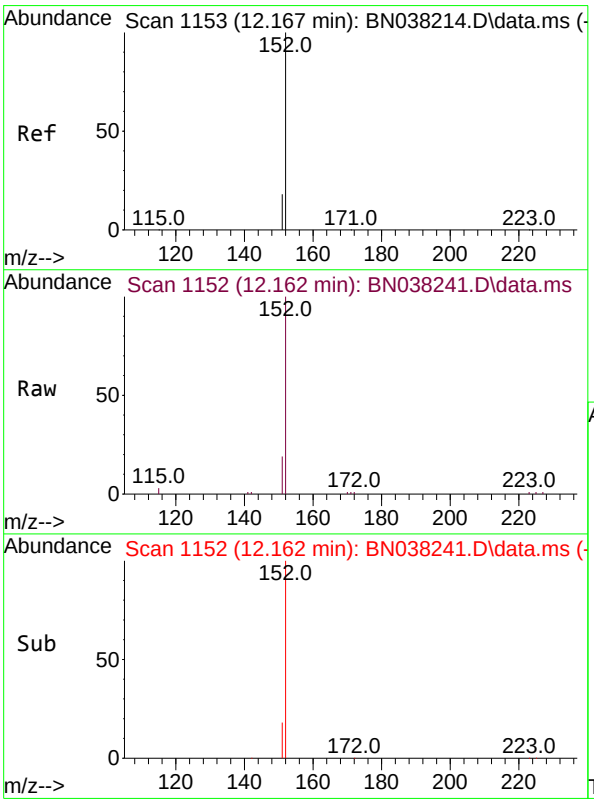

#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.918 min Scan# 78
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion: 82 Resp: 6470

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.4 | 32.6 | 48.8 |
| 54 | 54.6 | 45.4 | 68.0 |

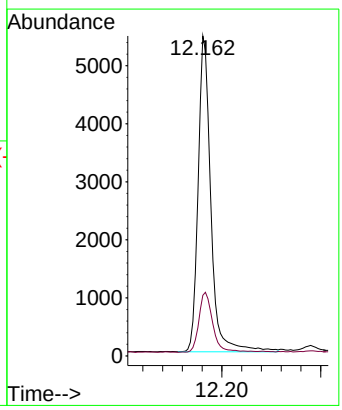


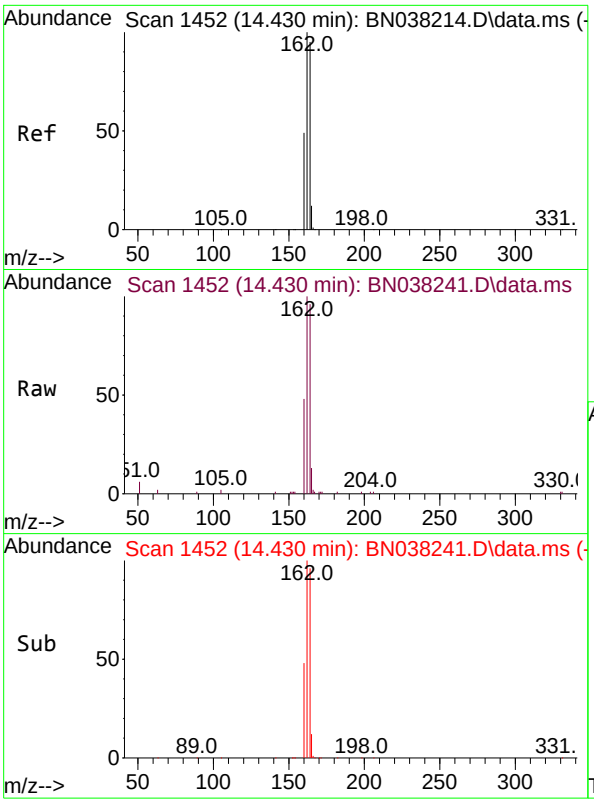




#11
2-Methylnaphthalene-d10
Concen: 0.280 ng
RT: 12.162 min Scan# 1152
Delta R.T. -0.005 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:152 Resp: 9730

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.7 | 25.1 |



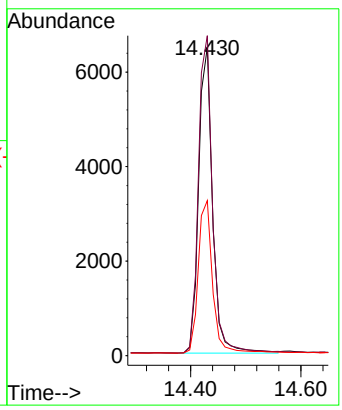


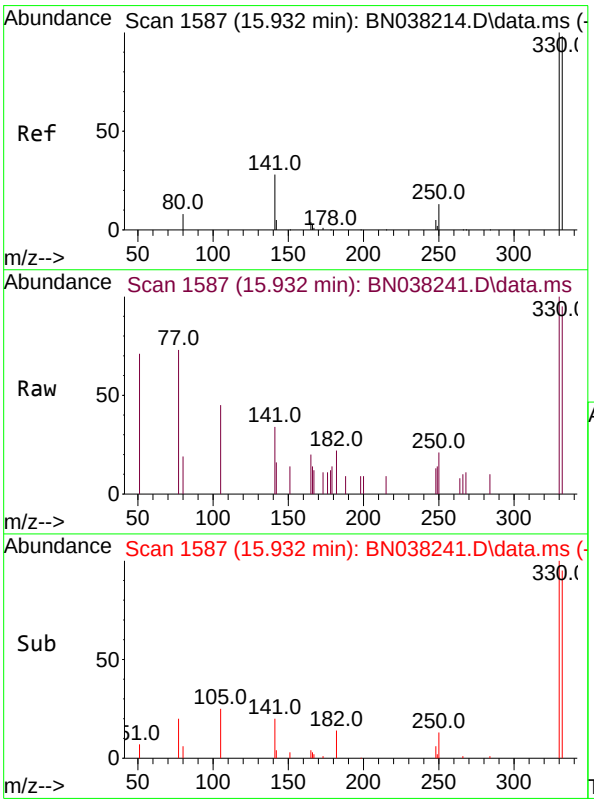

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.430 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion:164 Resp: 11341

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.8 | 83.8 | 125.8 |
| 160 | 50.2 | 41.6 | 62.4 |

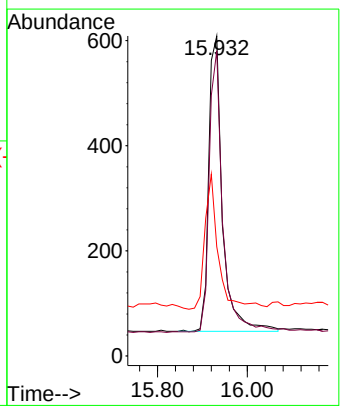


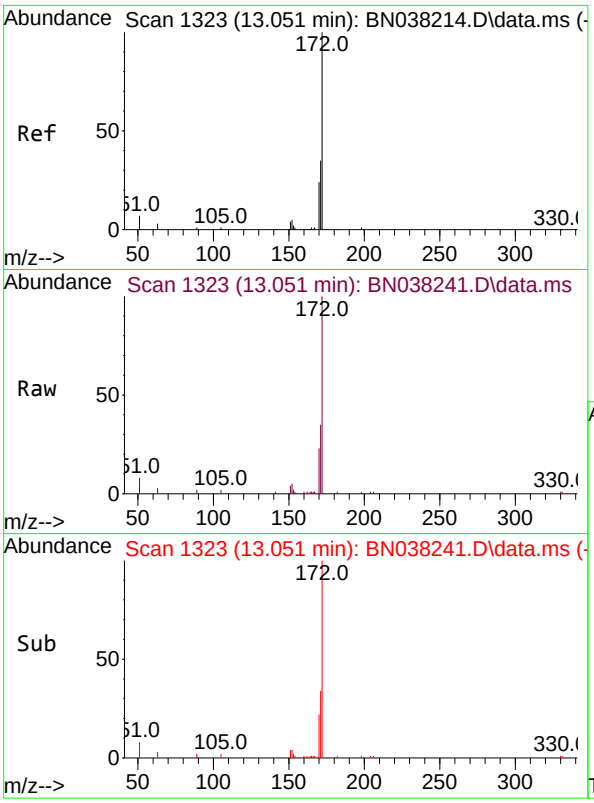




#14
2,4,6-Tribromophenol
Concen: 0.335 ng
RT: 15.932 min Scan# 1587
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:330 Resp: 1195

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.6 | 77.8 | 116.6 |
| 141 | 45.0 | 33.0 | 49.4 |



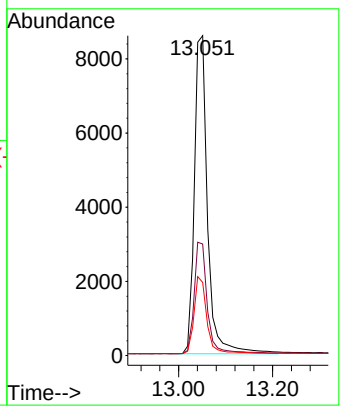


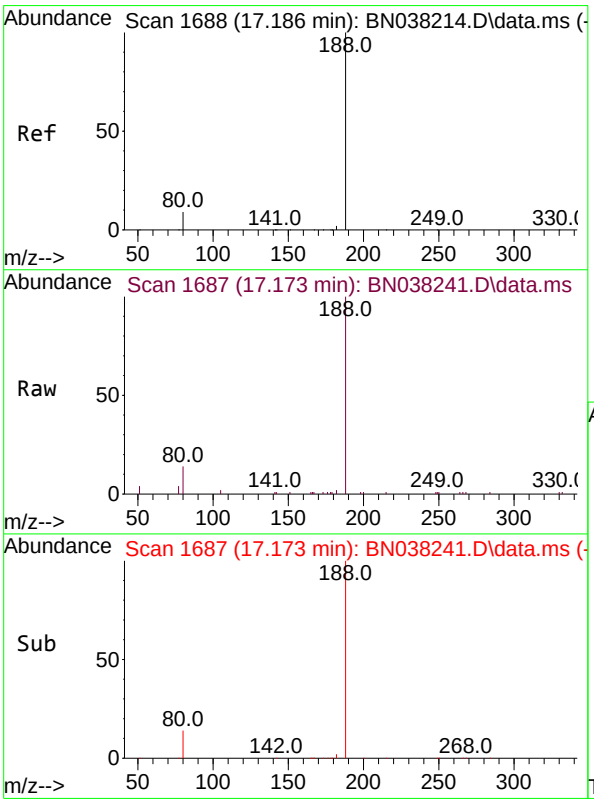

#15
2-Fluorobiphenyl
Concen: 0.362 ng
RT: 13.051 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion:172 Resp: 15875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 28.1 | 42.1 |
| 170 | 22.9 | 19.1 | 28.7 |

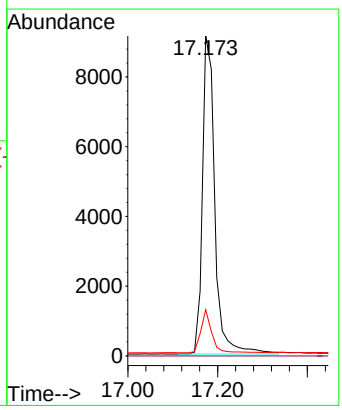


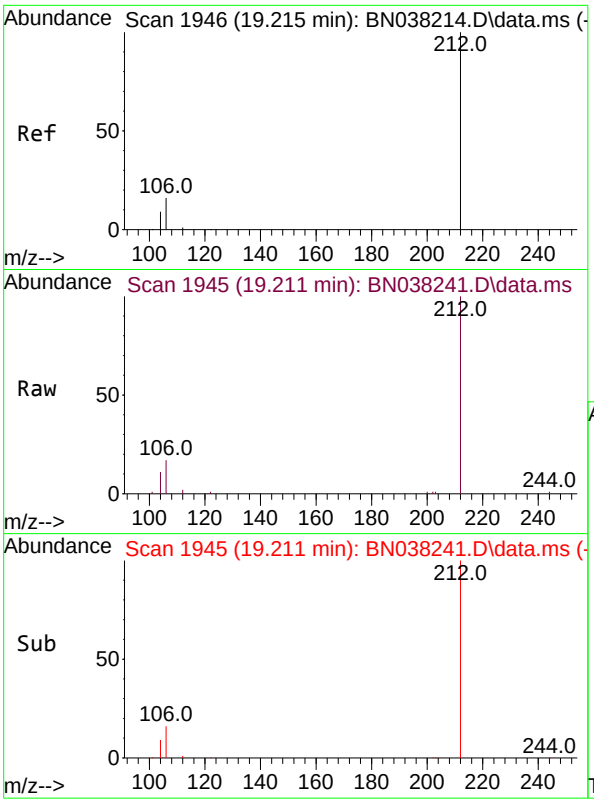




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.173 min Scan# 1687
Delta R.T. -0.012 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:188 Resp: 17486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 14.4 | 7.7 | 11.5# |



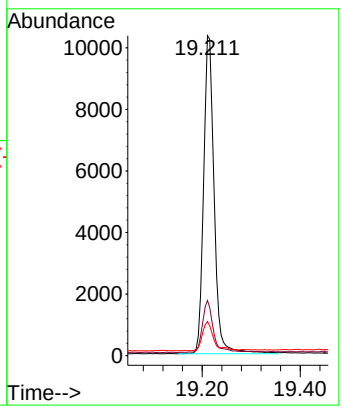


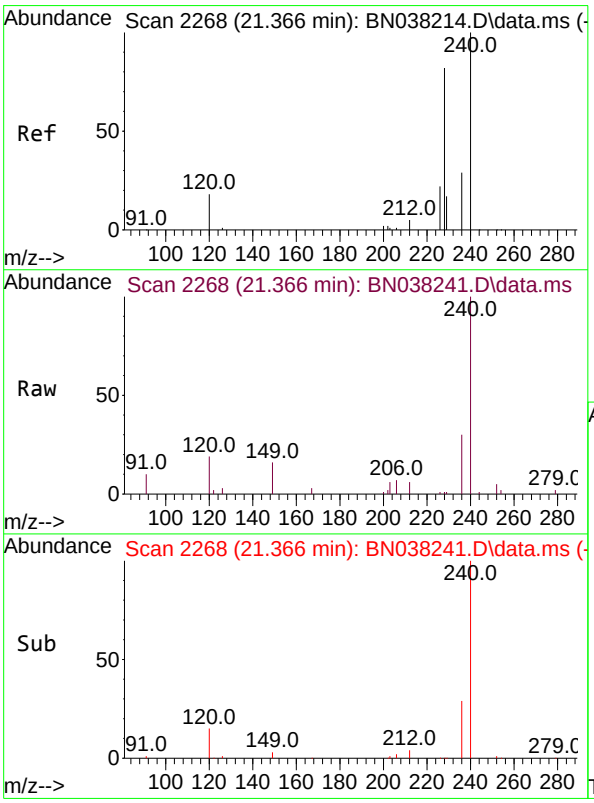

#27
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.211 min Scan# 19
Delta R.T. -0.005 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion:212 Resp: 15420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 16.7 | 12.7 | 19.1 |
| 104 | 8.9 | 7.3 | 10.9 |

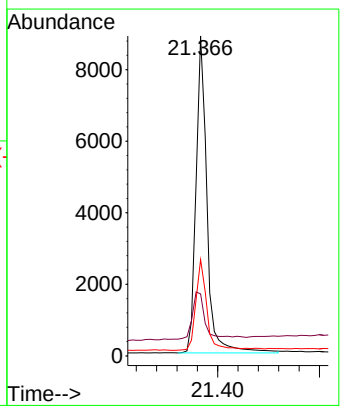


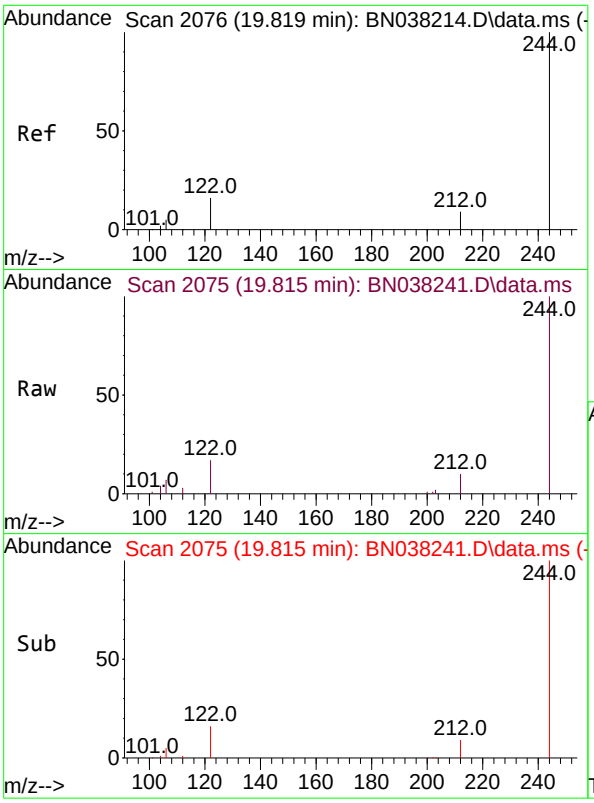




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.366 min Scan# 2268
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:240 Resp: 13270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.4 | 18.1 | 27.1 |
| 236 | 30.1 | 24.2 | 36.4 |



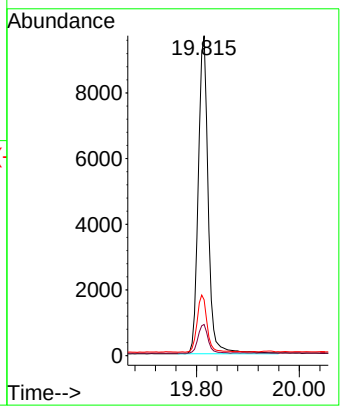


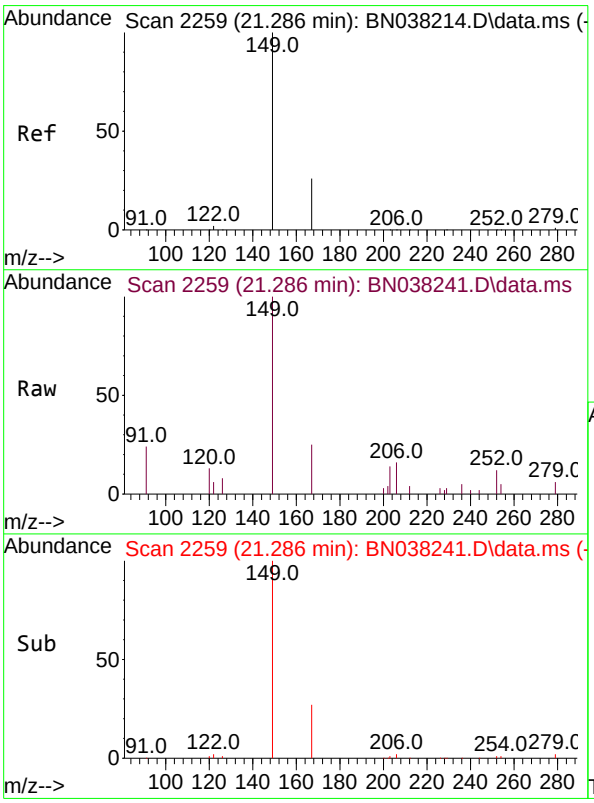

#31
Terphenyl-d14
Concen: 0.422 ng
RT: 19.815 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion:244 Resp: 12920

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.7 | 7.7 | 11.5 |
| 122 | 17.4 | 13.6 | 20.4 |

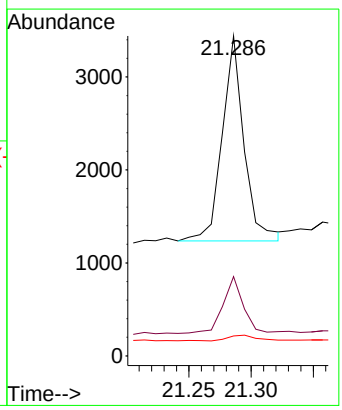


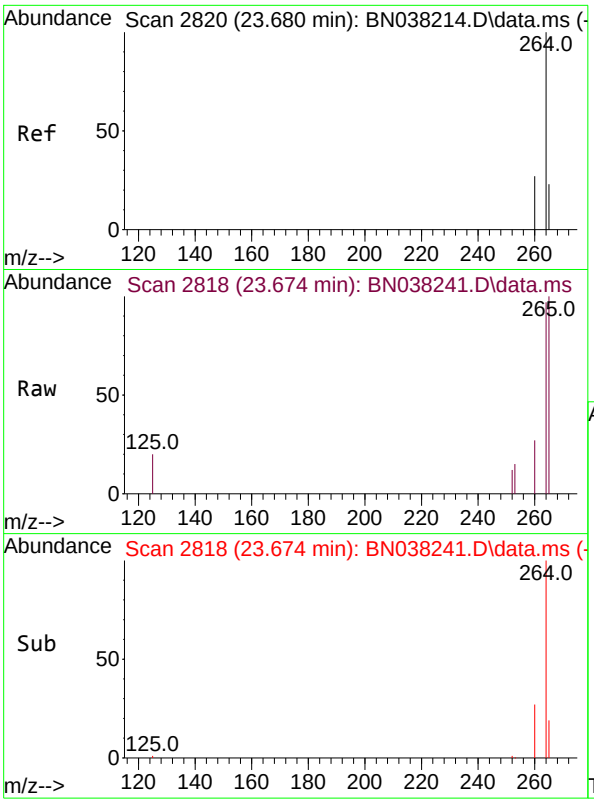




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.109 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.000 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

Tgt Ion:149 Resp: 2690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.7 | 20.7 | 31.1 |
| 279 | 3.7 | 2.5 | 3.7 |






#35
Perylene-d12
Concen: 0.400 ng
RT: 23.674 min Scan# 28
Delta R.T. -0.006 min
Lab File: BN038241.D
Acq: 02 Dec 2025 00:30

**Instrument :**
BNA_N
**ClientSampleId :**
RW7-SP100-20251118

Tgt Ion:264 Resp: 13889

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.6 | 21.7 | 32.5 |
| 265 | 103.2 | 98.0 | 147.0 |