Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
Data File : BN037561.D
Acq On : 05 Aug 2025 10:47
Operator : RC/JU
Sample : Q2745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Quant Time: Aug 06 01:38:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.717 | 152 | 2323 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.498 | 136 | 5684 | 0.400 | ng | -0.01 |
| 13) Acenaphthene-d10 | 14.345 | 164 | 2801 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.087 | 188 | 5308 | 0.400 | ng | #-0.01 |
| 29) Chrysene-d12 | 21.277 | 240 | 4328 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.508 | 264 | 3857 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.312 | 112 | 750 | 0.131 | ng | 0.00 |
| 5) Phenol-d6 | 6.887 | 99 | 512 | 0.071 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.854 | 82 | 1446 | 0.340 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.091 | 152 | 2581 | 0.317 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.833 | 330 | 372 | 0.270 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 12.978 | 172 | 5578 | 0.383 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.123 | 212 | 5300 | 0.377 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.722 | 244 | 4229 | 0.455 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.247 | 88 | 130 | 0.058 | ng | # 47 |
| 20) 4,6-Dinitro-2-methylph... | 15.435 | 198 | 1 | 0.095 | ng | # 3 |
| 34) Bis(2-ethylhexyl)phtha... | 21.205 | 149 | 801 | 0.117 | ng | 99 |

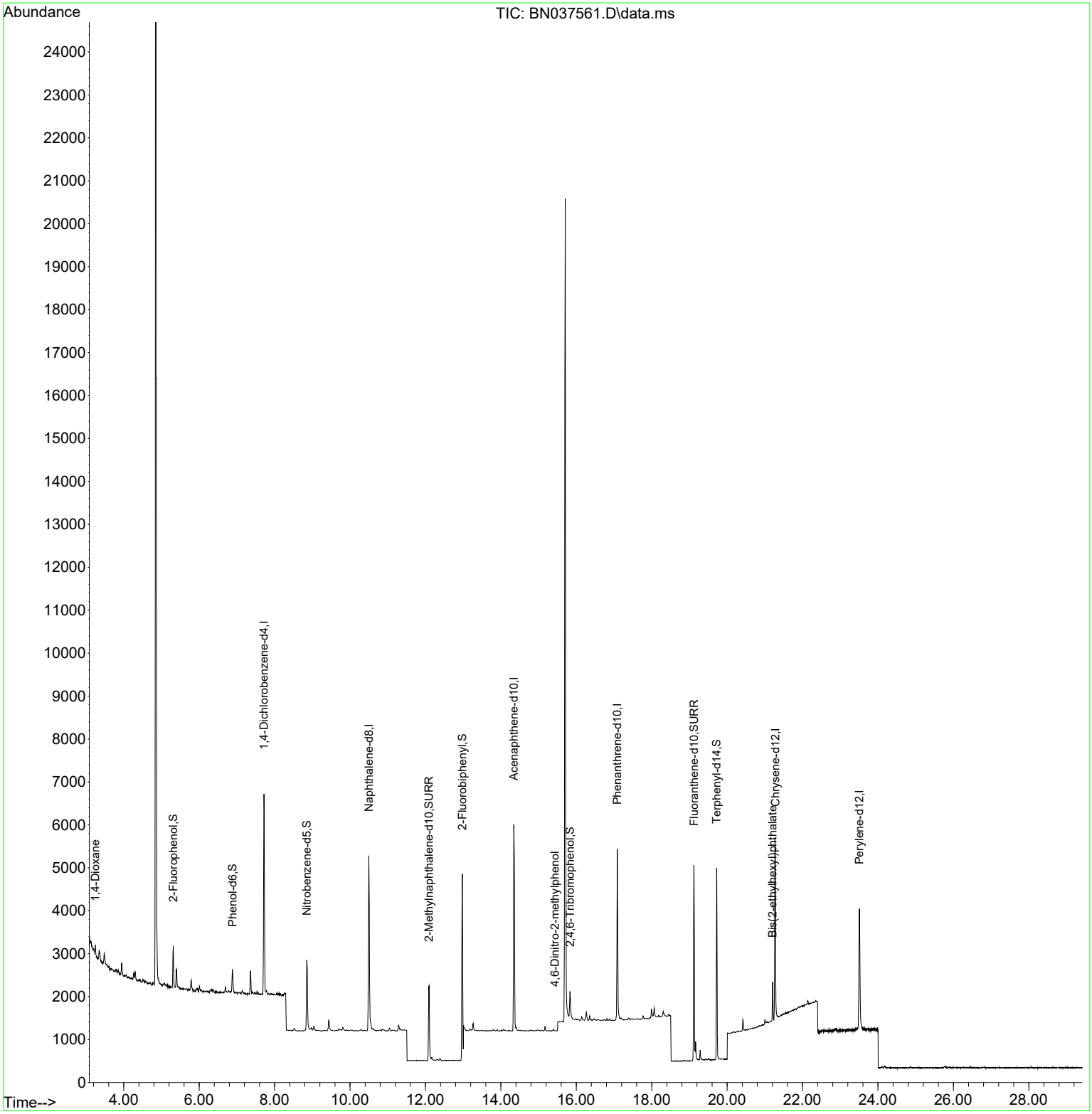
(#) = qualifier out of range (m) = manual integration (+) = signals summed

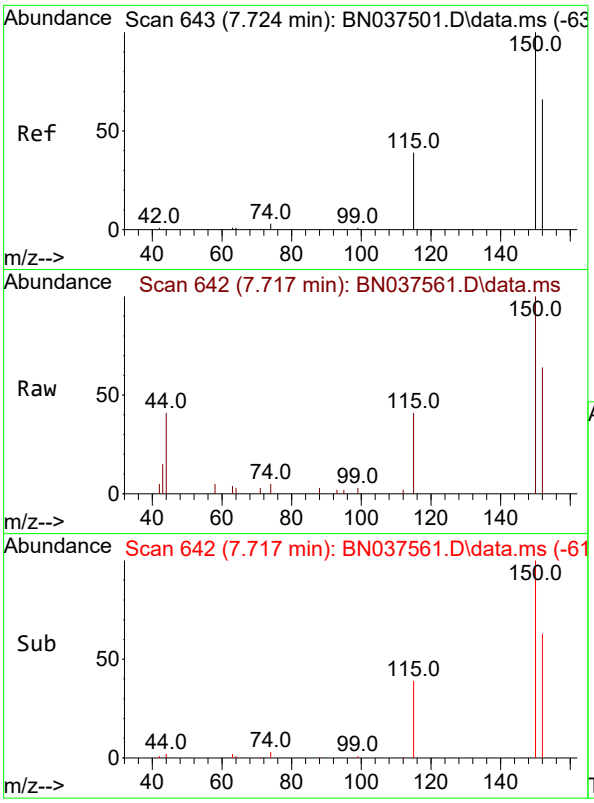
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080525\
Data File : BN037561.D
Acq On : 05 Aug 2025 10:47
Operator : RC/JU
Sample : Q2745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Quant Time: Aug 06 01:38:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration



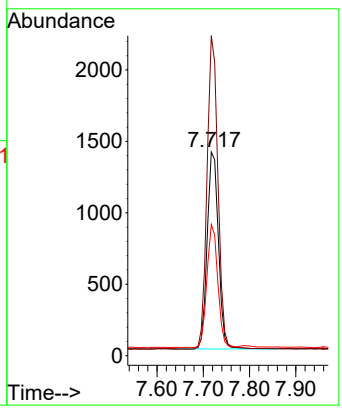


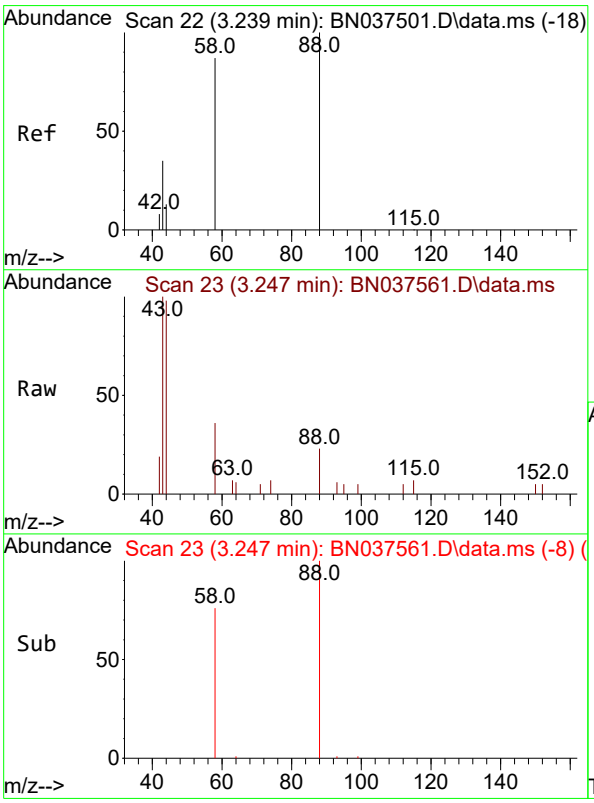

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:152 Resp: 2323

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.1 | 119.8 | 179.8 |
| 115 | 64.4 | 49.1 | 73.7 |

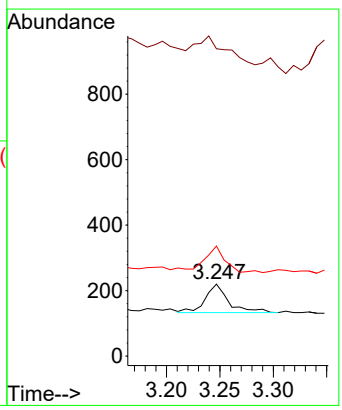


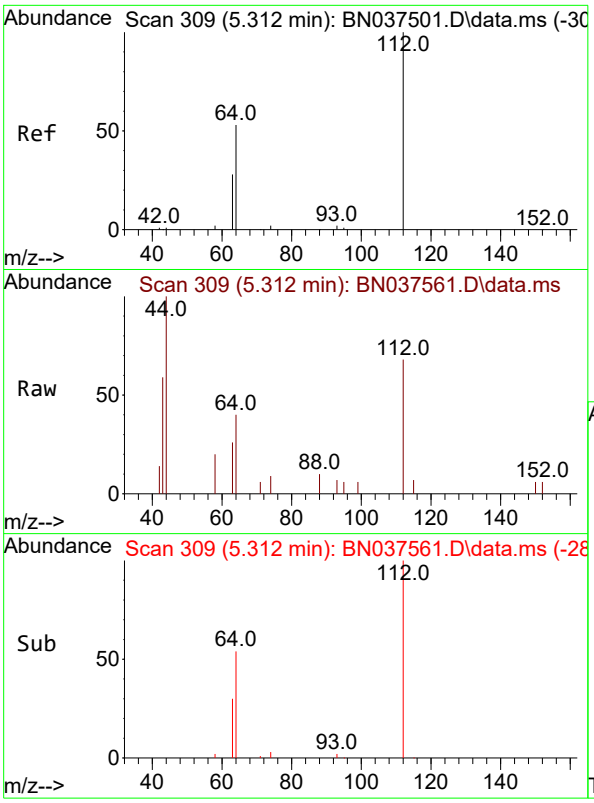




#2
1,4-Dioxane
Concen: 0.058 ng
RT: 3.247 min Scan# 23
Delta R.T. 0.007 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion: 88 Resp: 130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 129.2 | 27.5 | 41.3# |
| 58 | 74.6 | 62.7 | 94.1 |



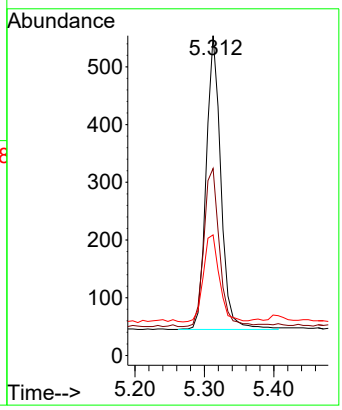


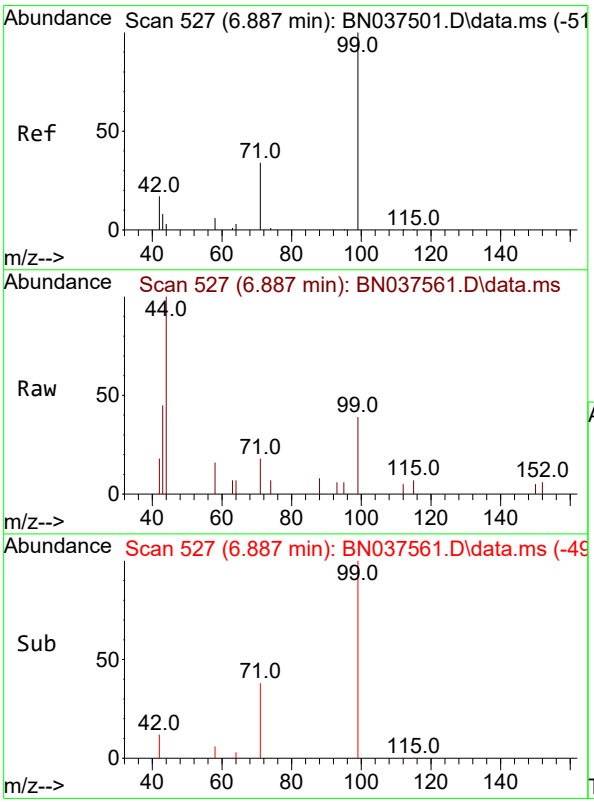

#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.312 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:112 Resp: 750

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.9 | 45.1 | 67.7 |
| 63 | 32.1 | 23.8 | 35.8 |

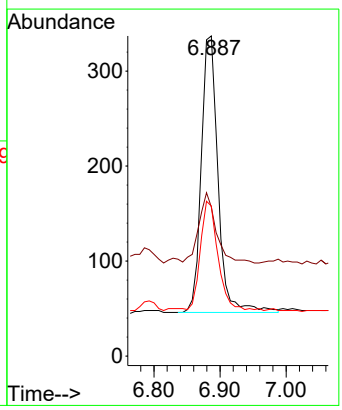


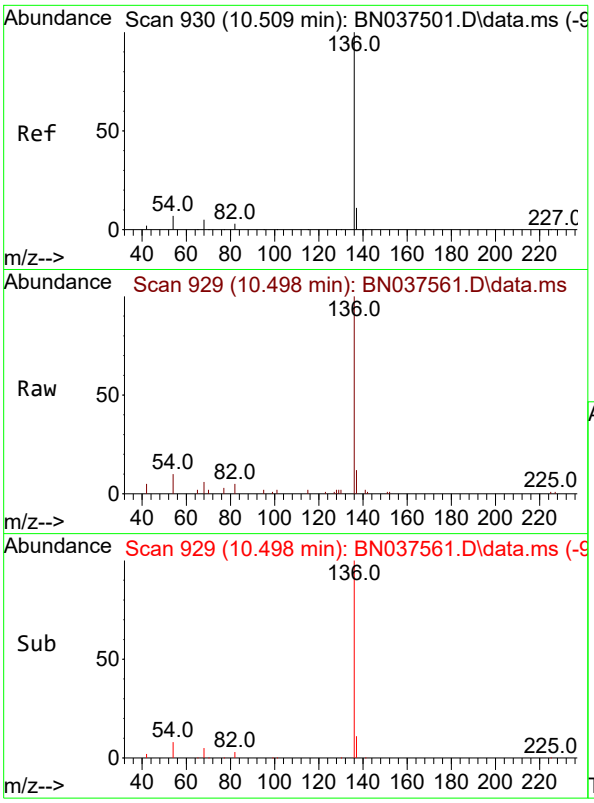




#5
Phenol-d6
Concen: 0.071 ng
RT: 6.887 min Scan# 527
Delta R.T. 0.000 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion: 99 Resp: 512

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 26.8 | 17.1 | 25.7# |
| 71 | 41.6 | 27.8 | 41.8 |



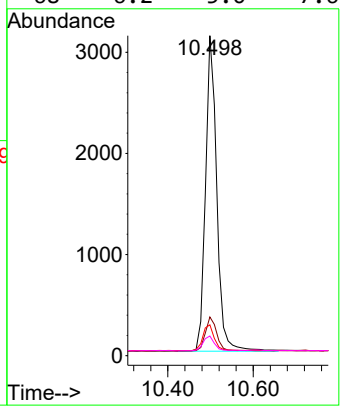


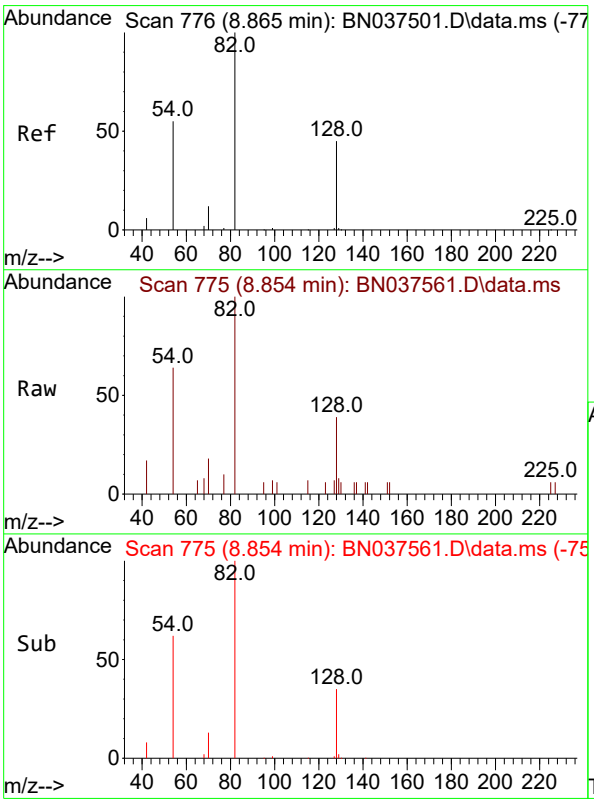

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:136 Resp: 5684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.1 | 9.8 | 14.8 |
| 54 | 9.7 | 6.6 | 9.8 |
| 68 | 6.2 | 5.0 | 7.6 |

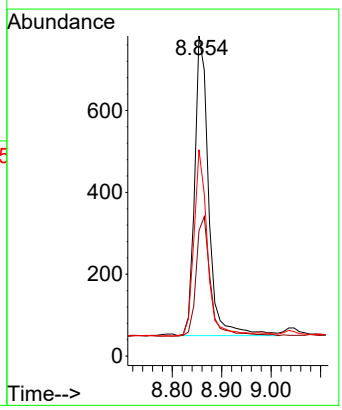


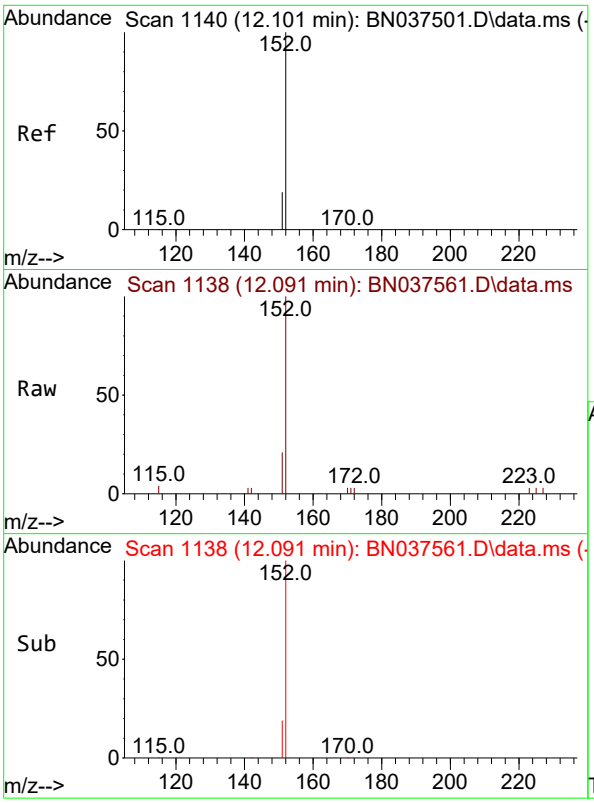




#8
Nitrobenzene-d5
Concen: 0.340 ng
RT: 8.854 min Scan# 775
Delta R.T. -0.011 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion: 82 Resp: 1446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.3 | 37.5 | 56.3 |
| 54 | 64.5 | 45.3 | 67.9 |



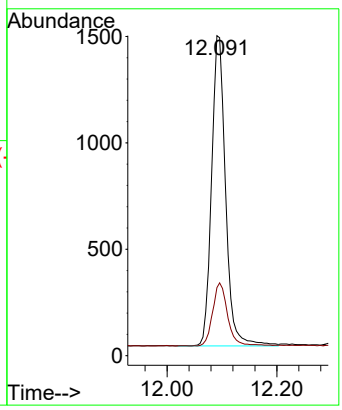


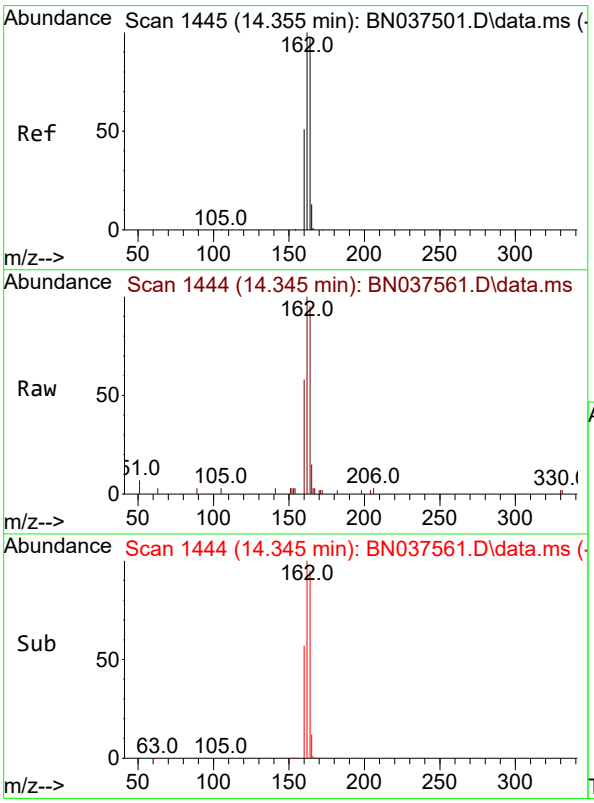

#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.091 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:152 Resp: 2581

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.8 | 16.8 | 25.2 |

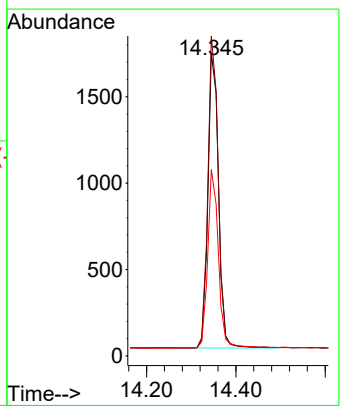


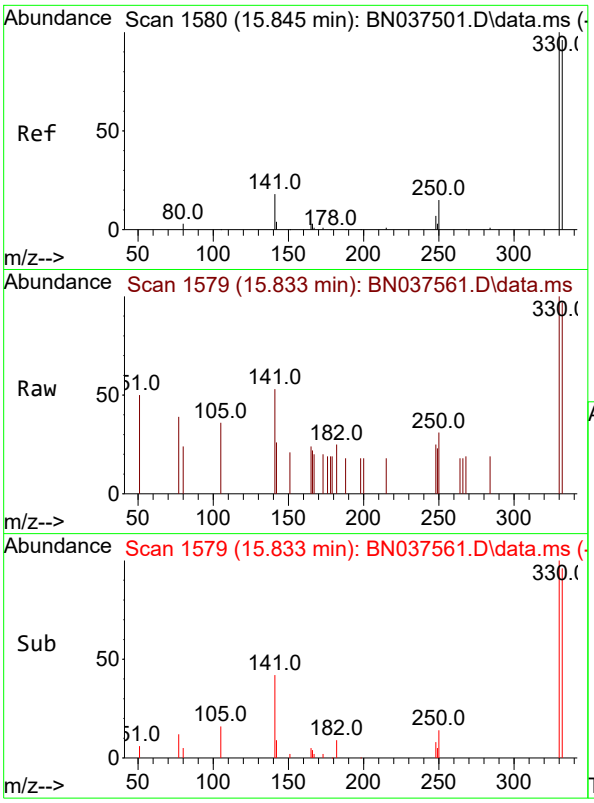




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.011 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion:164 Resp: 2801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.6 | 82.0 | 123.0 |
| 160 | 61.5 | 42.4 | 63.6 |



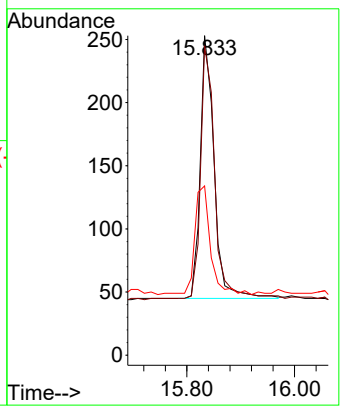


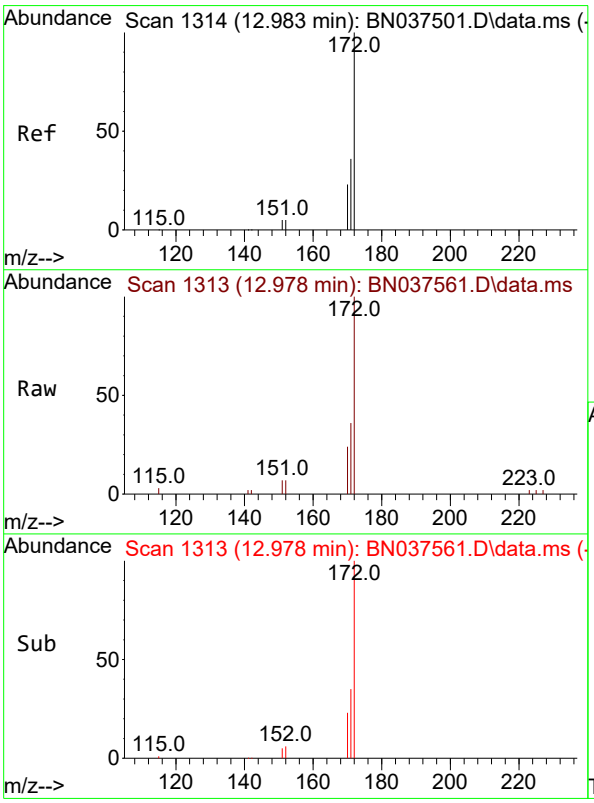

#14
2,4,6-Tribromophenol
Concen: 0.270 ng
RT: 15.833 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:330 Resp: 372

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 76.1 | 114.1 |
| 141 | 46.8 | 33.4 | 50.0 |

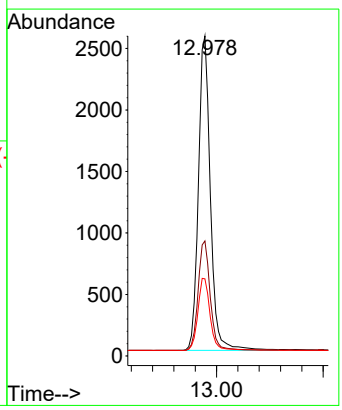


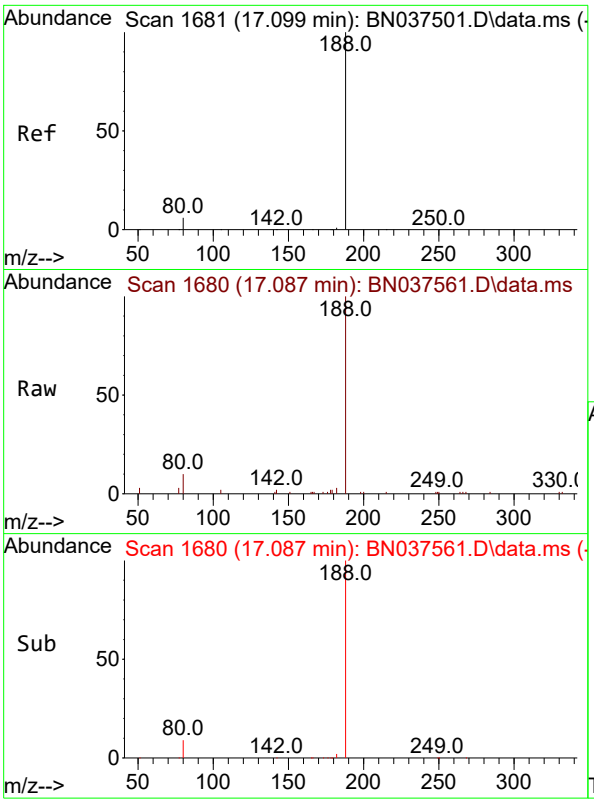




#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 12.978 min Scan# 1313
Delta R.T. -0.005 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion:172 Resp: 5578

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.4 | 44.2 |
| 170 | 24.1 | 19.4 | 29.0 |



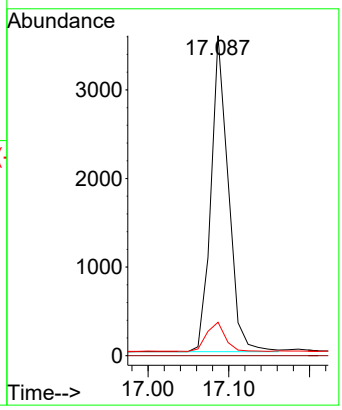


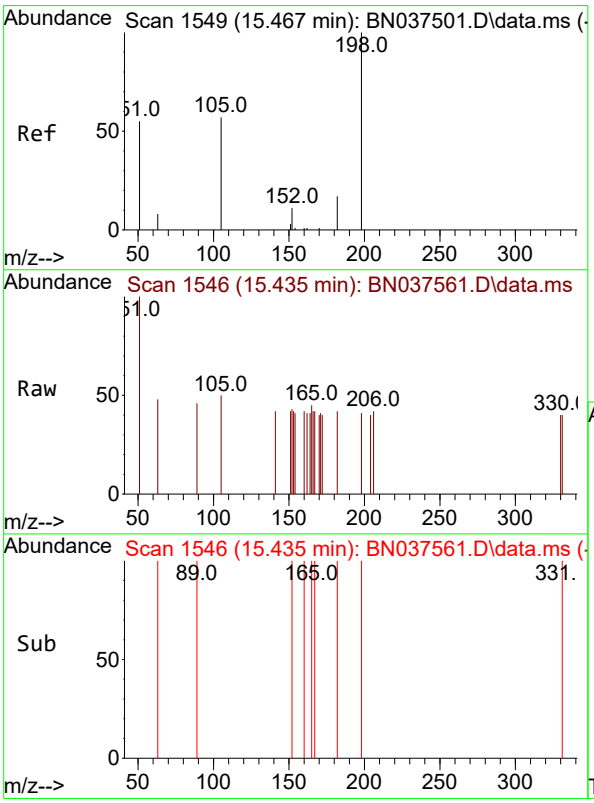

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:188 Resp: 5308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.5 | 6.0 | 9.0# |

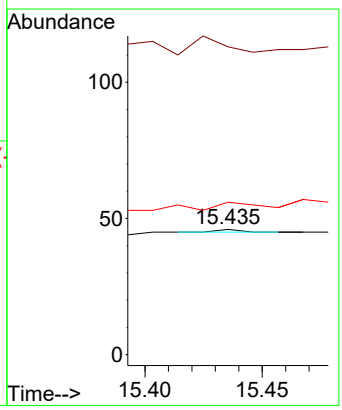


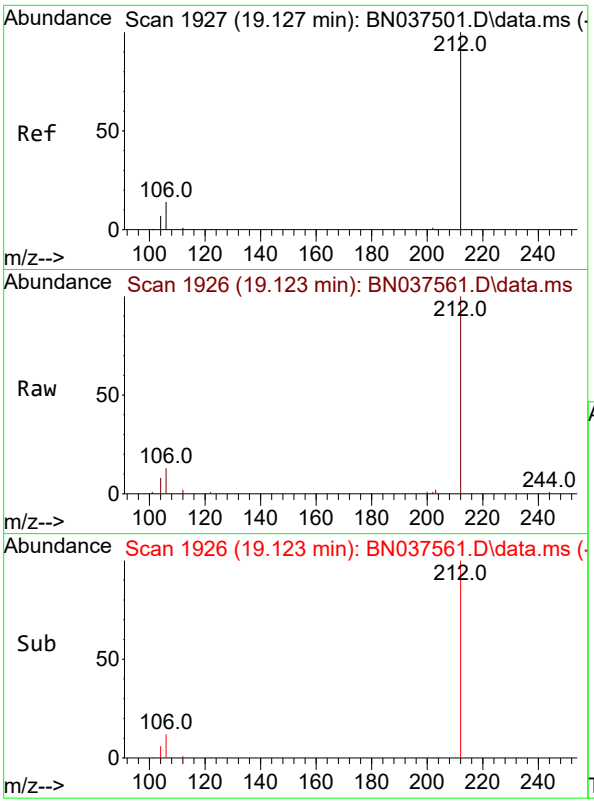




#20
4,6-Dinitro-2-methylphenol
Concen: 0.095 ng
RT: 15.435 min Scan# 1546
Delta R.T. -0.032 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion:198 Resp: 1

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 245.7 | 88.5 | 132.7# |
| 105 | 121.7 | 61.2 | 91.8# |



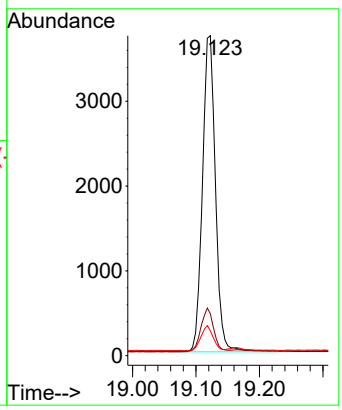


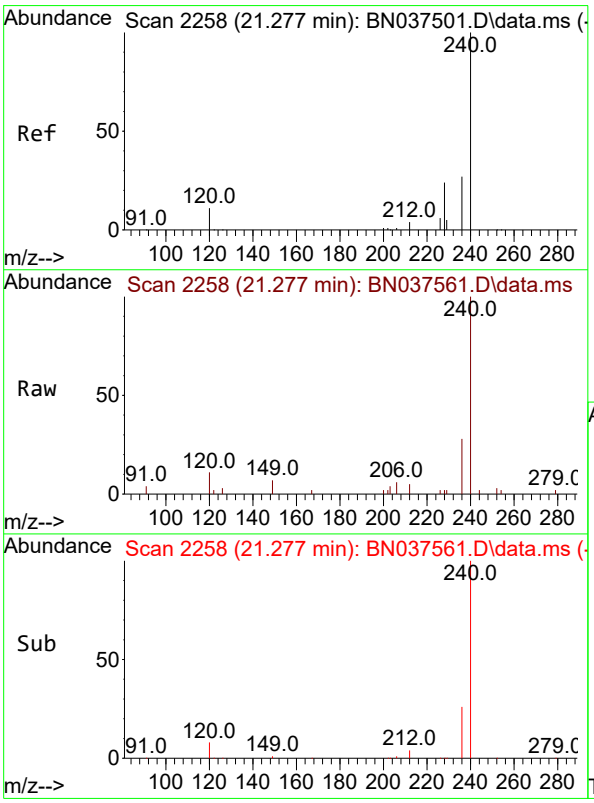

#27
Fluoranthene-d10
Concen: 0.377 ng
RT: 19.123 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:212 Resp: 5300

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.2 | 12.2 | 18.4 |
| 104 | 7.5 | 6.7 | 10.1 |

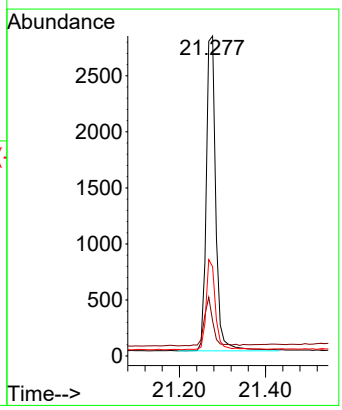


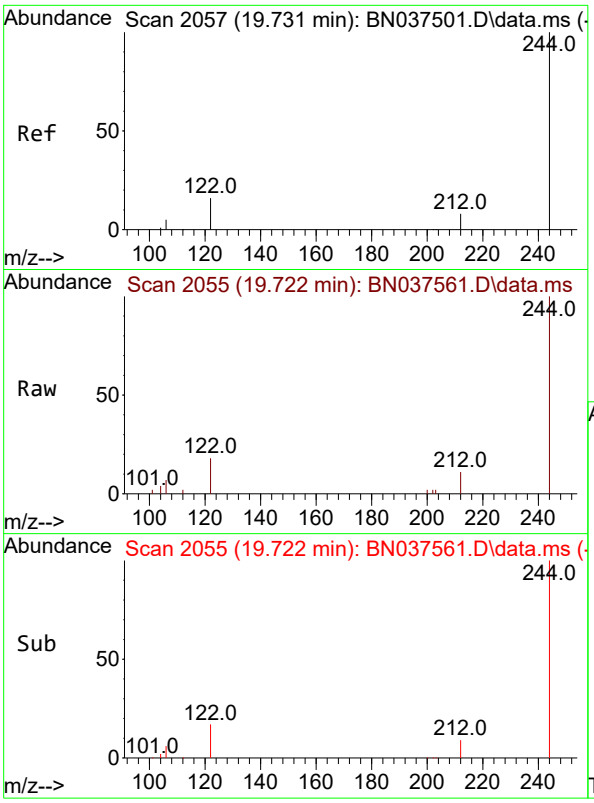




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.000 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion:240 Resp: 4328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 10.7 | 16.1 |
| 236 | 27.9 | 22.6 | 33.8 |



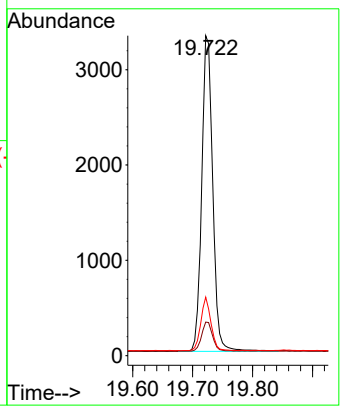


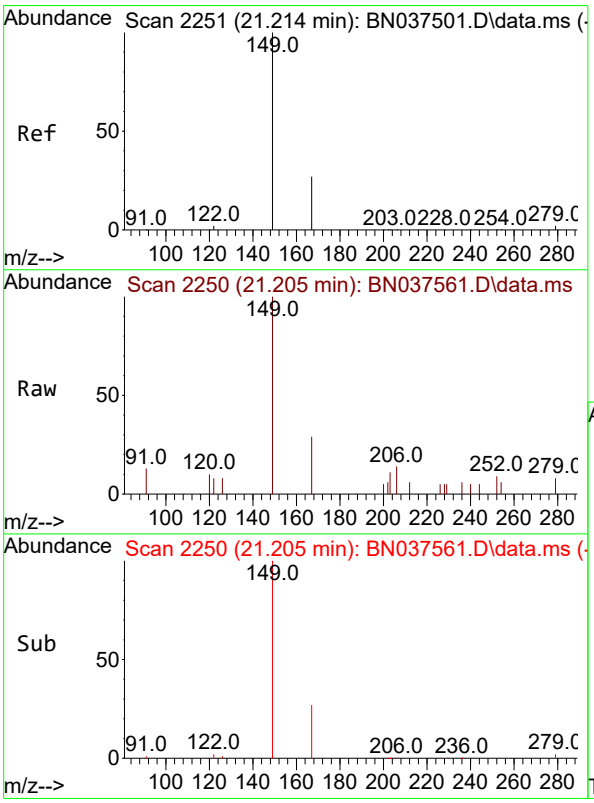

#31
Terphenyl-d14
Concen: 0.455 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:244 Resp: 4229

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.5 | 7.4 | 11.2 |
| 122 | 18.3 | 13.6 | 20.4 |

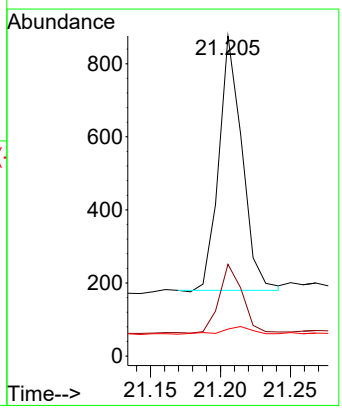


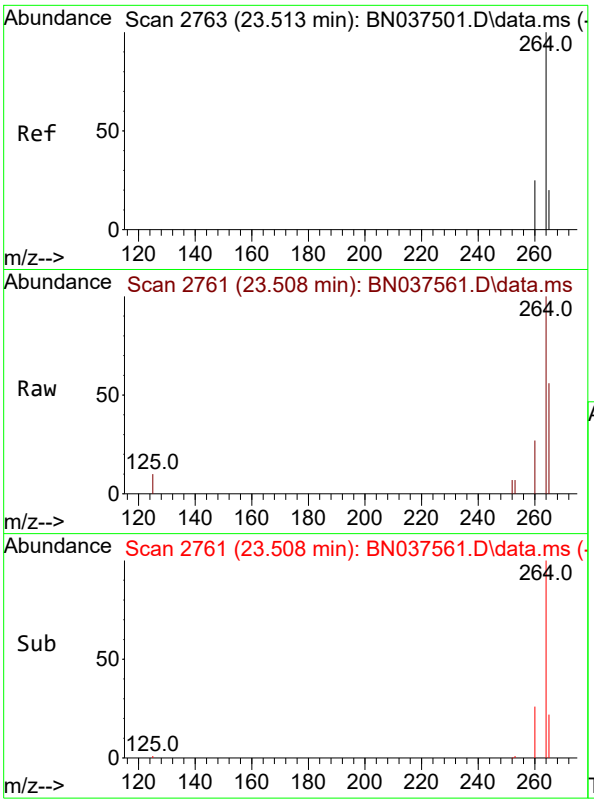




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.205 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

Tgt Ion:149 Resp: 801

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.6 | 21.8 | 32.8 |
| 279 | 3.7 | 3.0 | 4.4 |






#35
Perylene-d12
Concen: 0.400 ng
RT: 23.508 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN037561.D
Acq: 05 Aug 2025 10:47

**Instrument :**
BNA_N
**ClientSampleId :**
RW8-SP100-20250731

Tgt Ion:264 Resp: 3857

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.4 | 21.2 | 31.8 |
| 265 | 55.7 | 40.4 | 60.6 |