Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
Data File : BN036571.D
Acq On : 10 Mar 2025 20:50
Operator : RC/JU
Sample : Q1531-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Quant Time: Mar 11 00:53:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.724 | 152 | 2032 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.520 | 136 | 4598 | 0.400 | ng | 0.01 |
| 13) Acenaphthene-d10 | 14.366 | 164 | 2832 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.111 | 188 | 5726 | 0.400 | ng | 0.00 |
| 29) Chrysene-d12 | 21.295 | 240 | 3951 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.554 | 264 | 3259 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.319 | 112 | 716 | 0.151 | ng | 0.00 |
| 5) Phenol-d6 | 6.901 | 99 | 491 | 0.084 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.886 | 82 | 1417 | 0.283 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.111 | 152 | 2173 | 0.318 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.858 | 330 | 524 | 0.408 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.988 | 172 | 5511 | 0.335 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.141 | 212 | 6485 | 0.442 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.740 | 244 | 5863 | 0.619 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.239 | 88 | 10456 | 4.639 | ng | 97 |
| 20) 4,6-Dinitro-2-methylph... | 15.523 | 198 | 4 | 0.148 | ng | # 1 |
| 24) Pentachlorophenol | 16.776 | 266 | 80 | 0.041 | ng | 89 |
| 34) Bis(2-ethylhexyl)phtha... | 21.214 | 149 | 994 | 0.102 | ng | 95 |

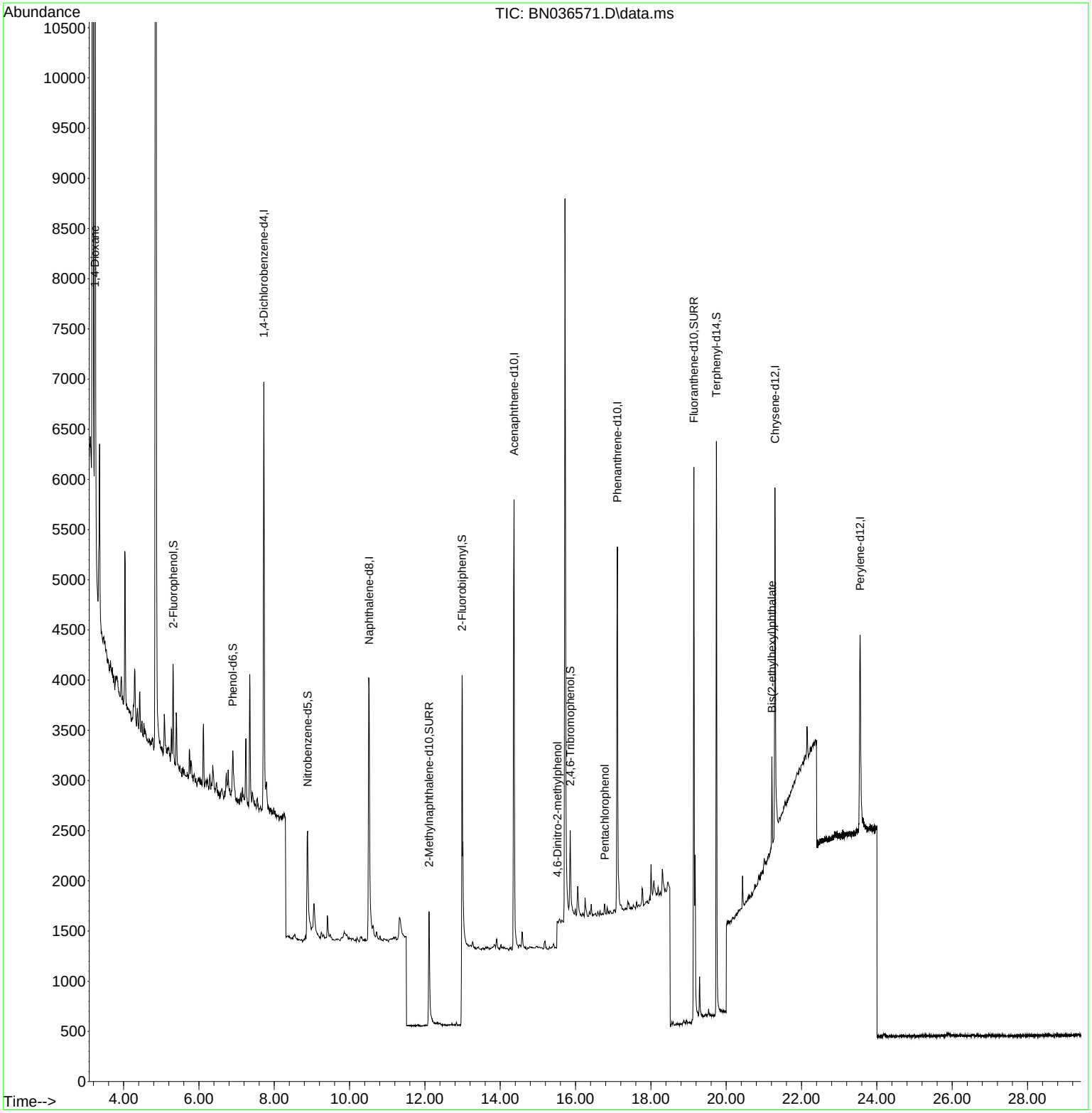
(#) = qualifier out of range (m) = manual integration (+) = signals summed

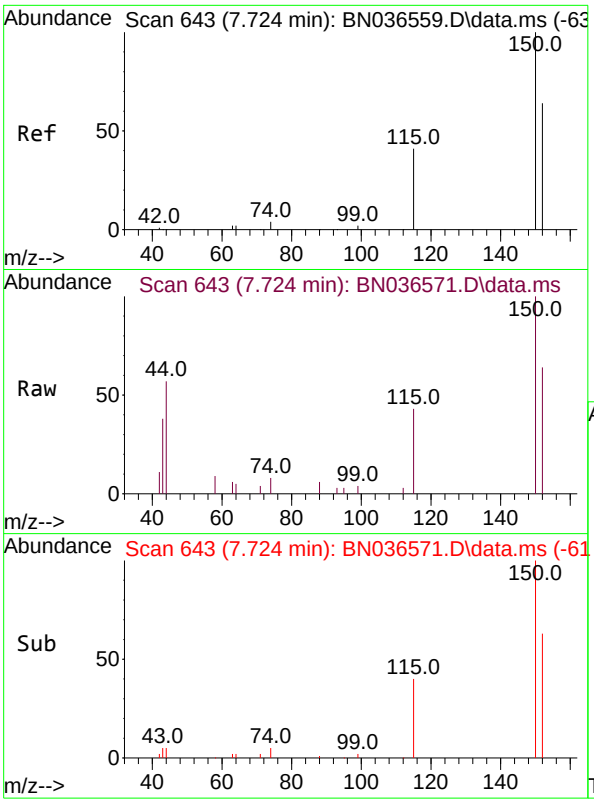
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031025\
Data File : BN036571.D
Acq On : 10 Mar 2025 20:50
Operator : RC/JU
Sample : Q1531-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Quant Time: Mar 11 00:53:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



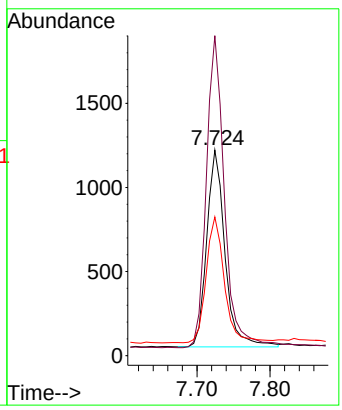


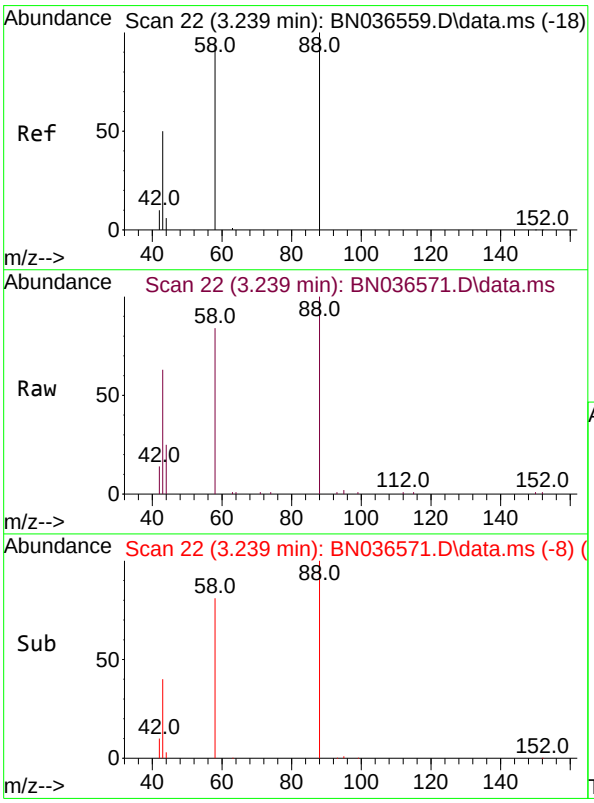

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.724 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:152 Resp: 2032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 123.7 | 185.5 |
| 115 | 67.5 | 54.3 | 81.5 |

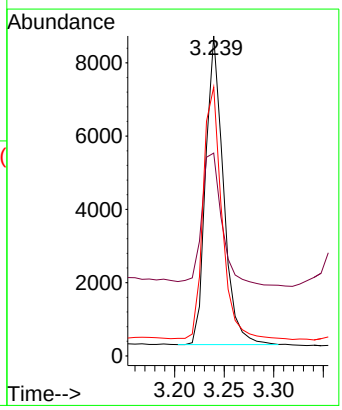


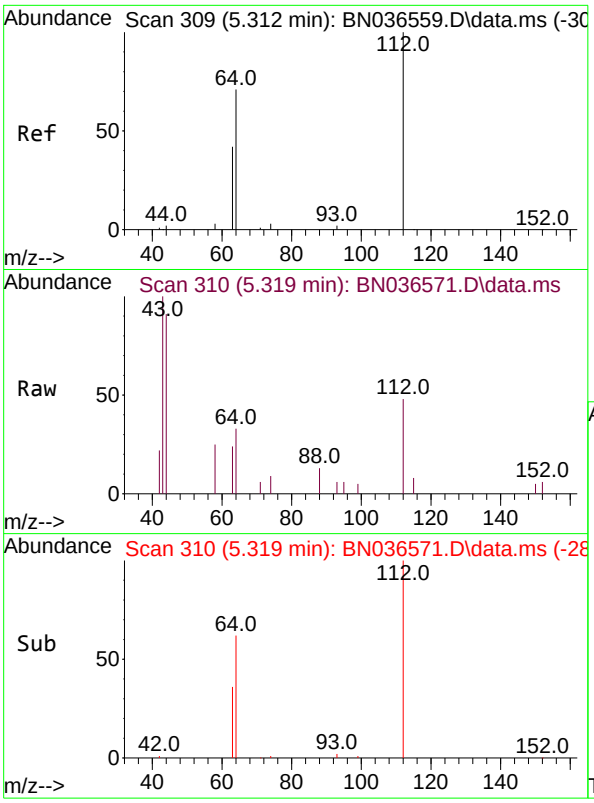




#2
1,4-Dioxane
Concen: 4.639 ng
RT: 3.239 min Scan# 22
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion: 88 Resp: 10456

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 50.2 | 37.8 | 56.8 |
| 58 | 85.8 | 67.4 | 101.2 |



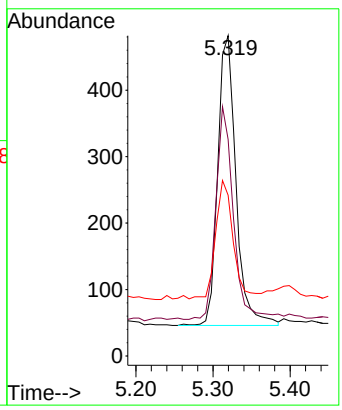


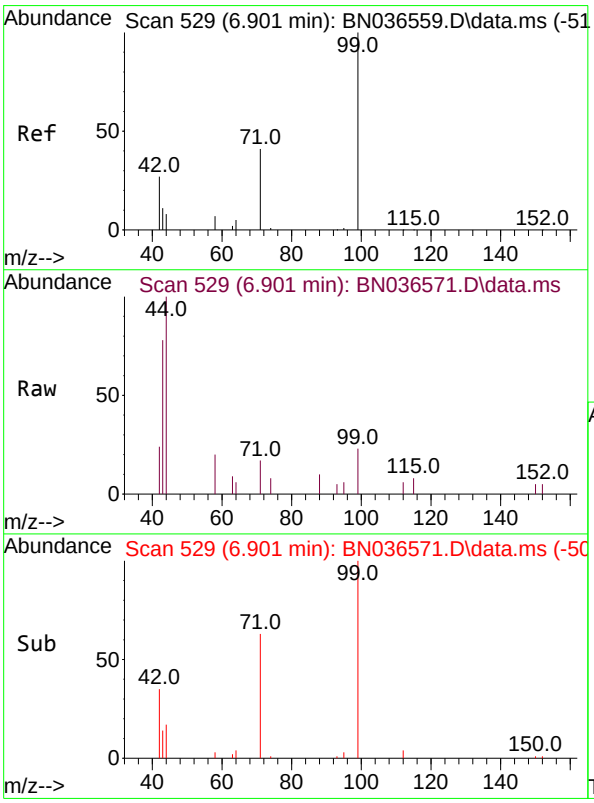

#4
2-Fluorophenol
Concen: 0.151 ng
RT: 5.319 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:112 Resp: 716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.8 | 53.1 | 79.7 |
| 63 | 37.6 | 31.8 | 47.8 |

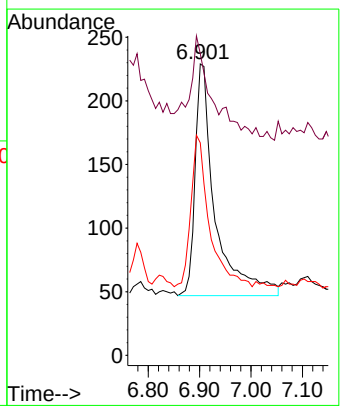


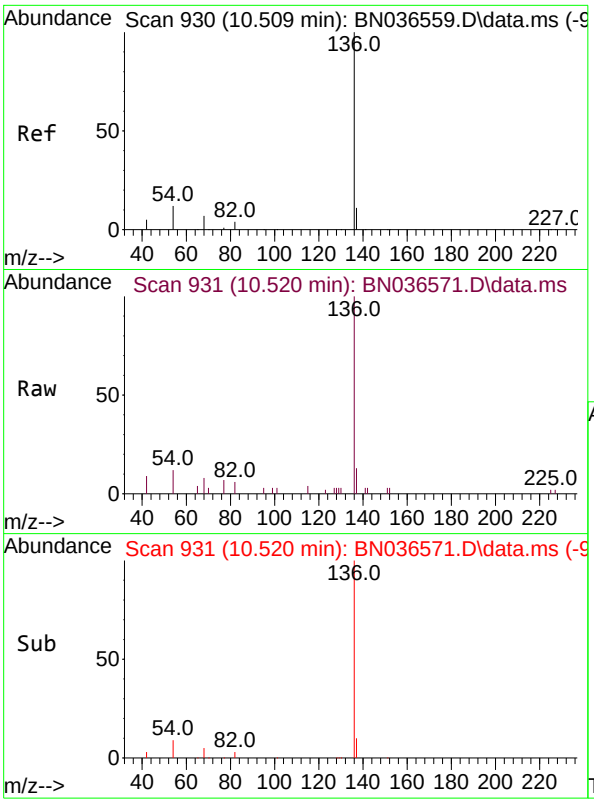




#5
Phenol-d6
Concen: 0.084 ng
RT: 6.901 min Scan# 529
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion: 99 Resp: 491

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 48.9 | 26.5 | 39.7# |
| 71 | 59.7 | 34.1 | 51.1# |



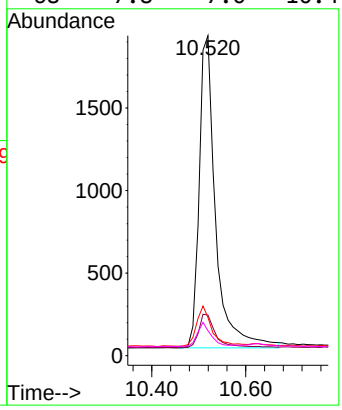


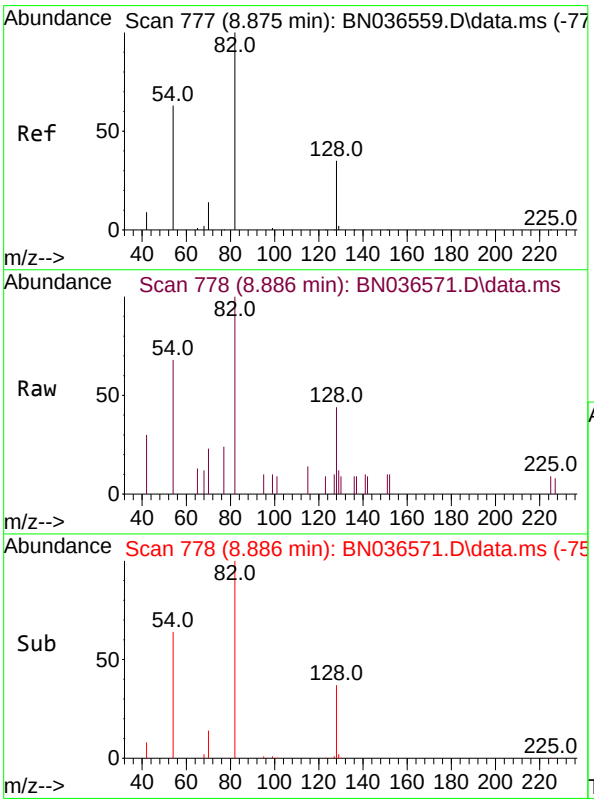

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 9
Delta R.T. 0.011 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:136 Resp: 4598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.7 | 10.3 | 15.5 |
| 54 | 12.0 | 11.5 | 17.3 |
| 68 | 7.8 | 7.0 | 10.4 |

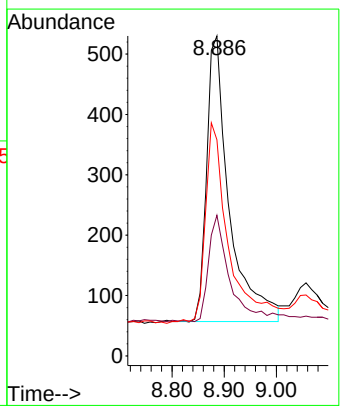


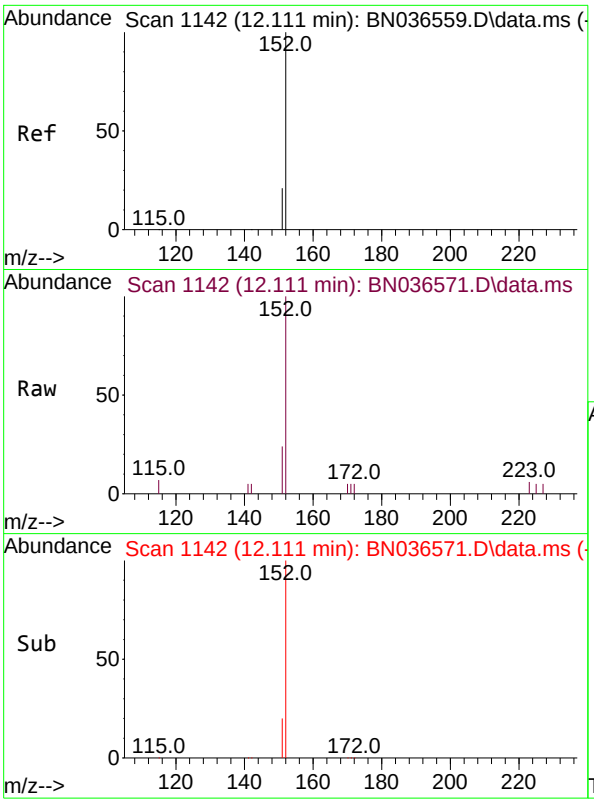




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.886 min Scan# 778
Delta R.T. 0.011 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion: 82 Resp: 1417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.0 | 30.6 | 45.8 |
| 54 | 67.5 | 52.2 | 78.4 |



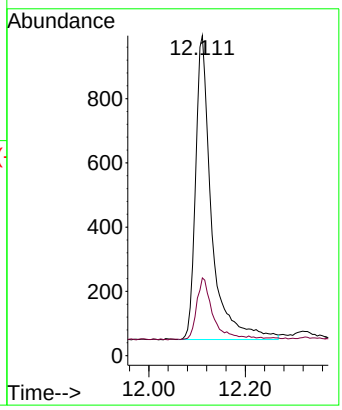


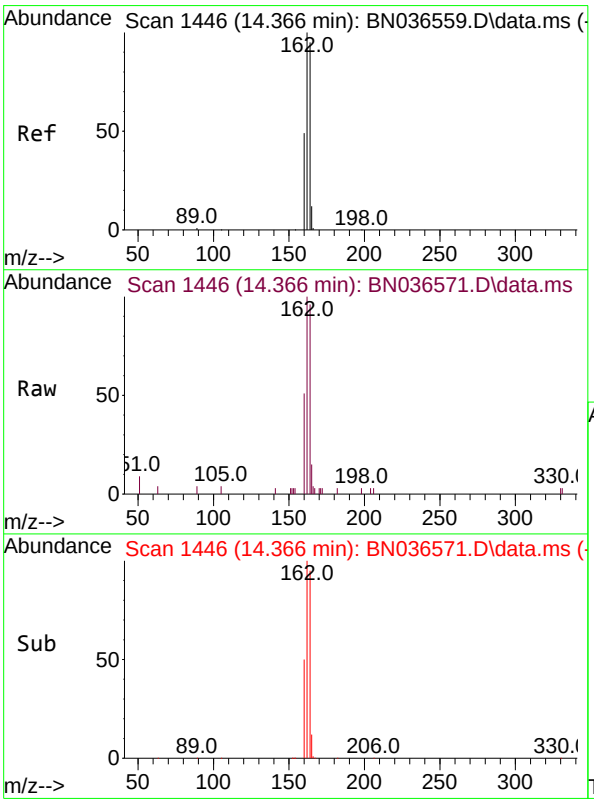

#11
2-Methylnaphthalene-d10
Concen: 0.318 ng
RT: 12.111 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:152 Resp: 2173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.2 | 17.0 | 25.6 |

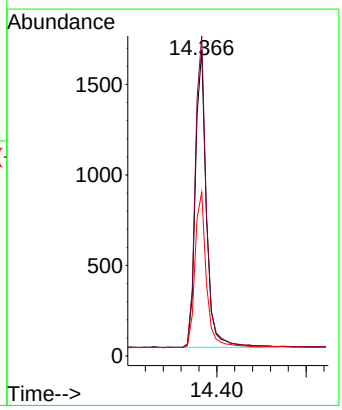


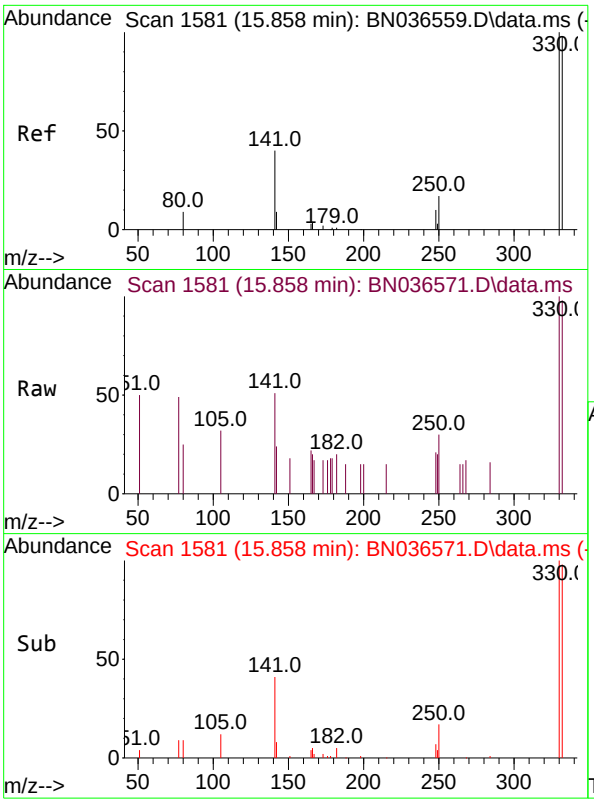




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:164 Resp: 2832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.7 | 84.2 | 126.2 |
| 160 | 53.5 | 42.2 | 63.2 |



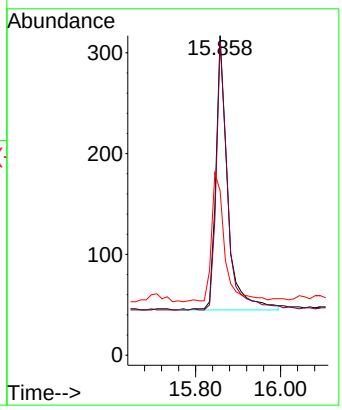


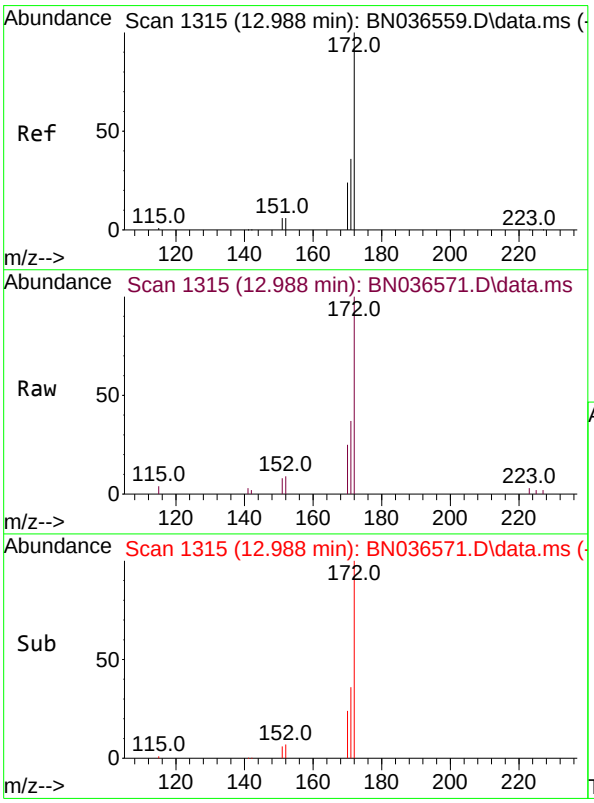

#14
2,4,6-Tribromophenol
Concen: 0.408 ng
RT: 15.858 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:330 Resp: 524

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 75.2 | 112.8 |
| 141 | 52.7 | 43.4 | 65.2 |

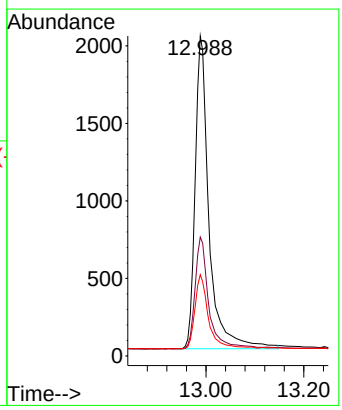


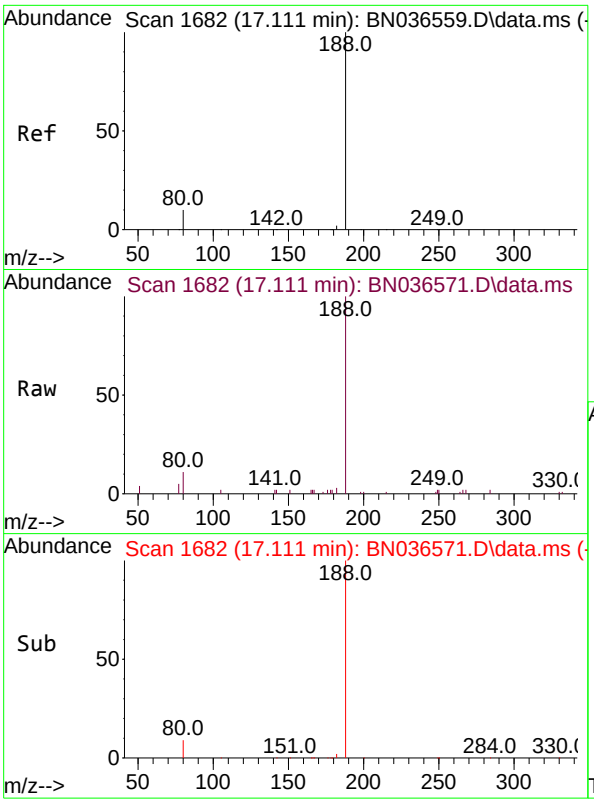




#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.988 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:172 Resp: 5511

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.2 | 29.5 | 44.3 |
| 170 | 25.4 | 20.2 | 30.4 |



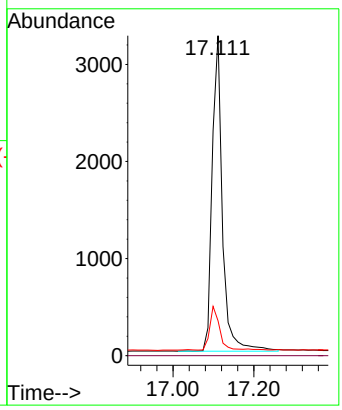


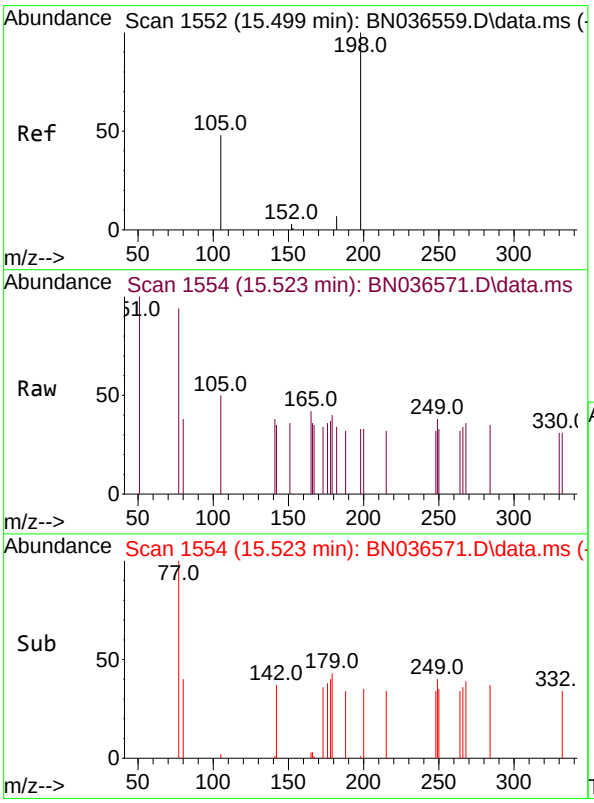

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.111 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:188 Resp: 5726

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.9 | 8.8 | 13.2 |

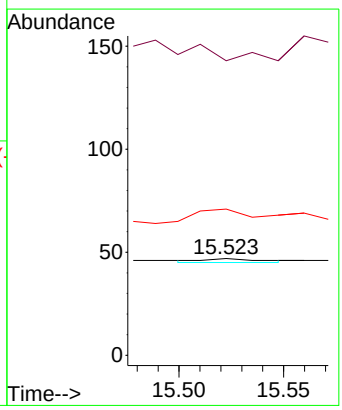


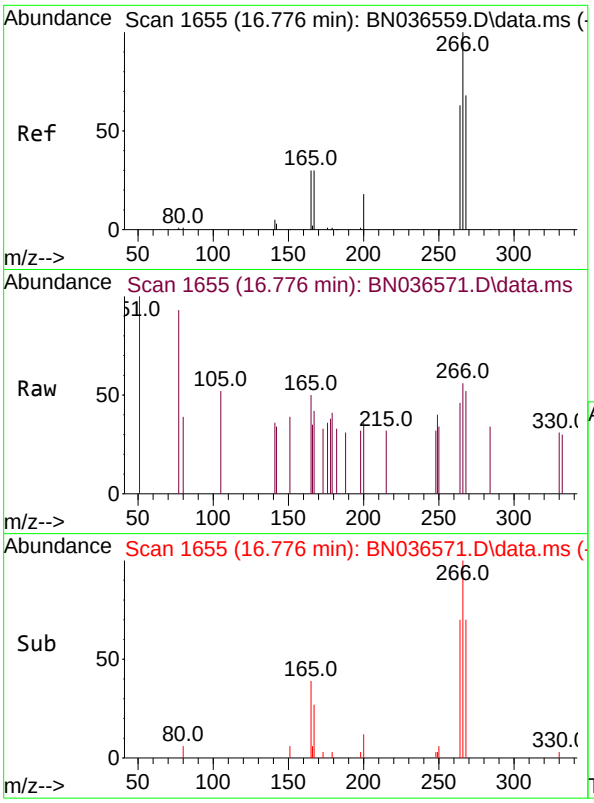




#20
4,6-Dinitro-2-methylphenol
Concen: 0.148 ng
RT: 15.523 min Scan# 1554
Delta R.T. 0.024 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:198 Resp: 4

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 304.3 | 107.9 | 161.9# |
| 105 | 151.1 | 56.2 | 84.2# |



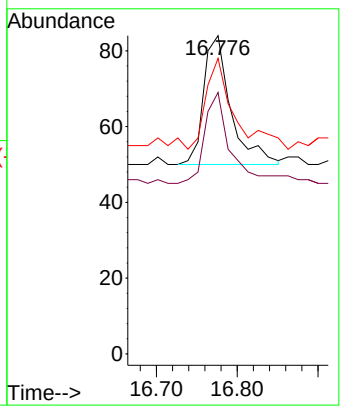


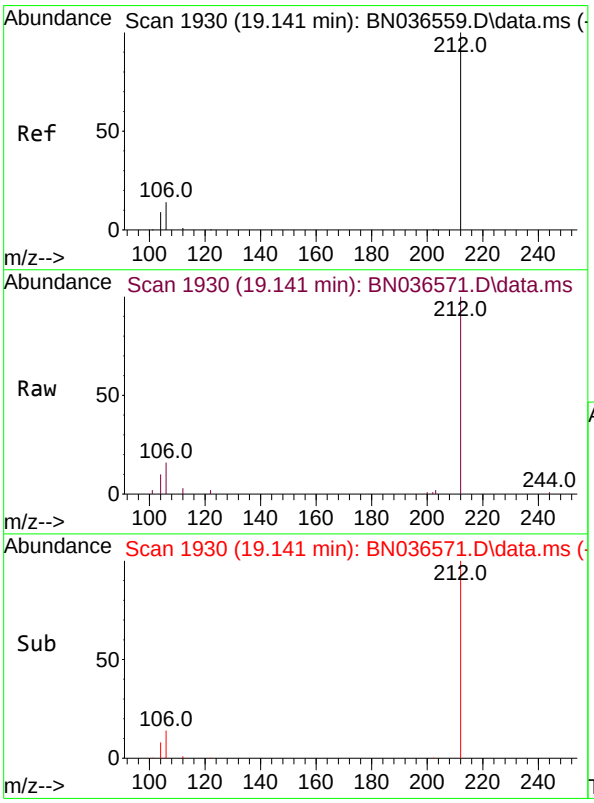

#24
Pentachlorophenol
Concen: 0.041 ng
RT: 16.776 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:266 Resp: 80

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 70.0 | 49.6 | 74.4 |
| 268 | 72.5 | 50.9 | 76.3 |

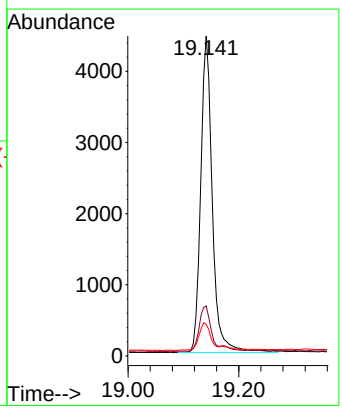


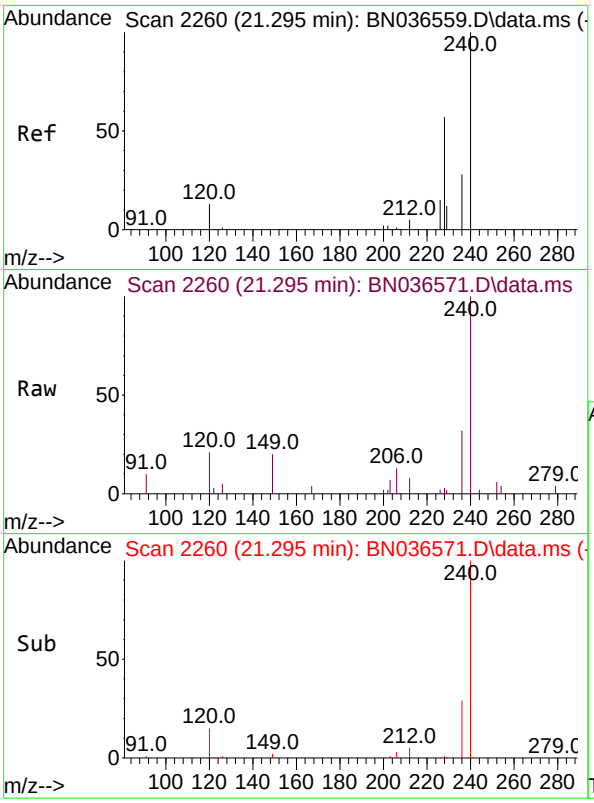




#27
Fluoranthene-d10
Concen: 0.442 ng
RT: 19.141 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:212 Resp: 6485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 15.8 | 11.8 | 17.6 |
| 104 | 8.8 | 7.3 | 10.9 |



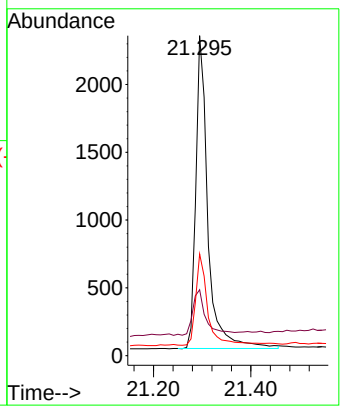


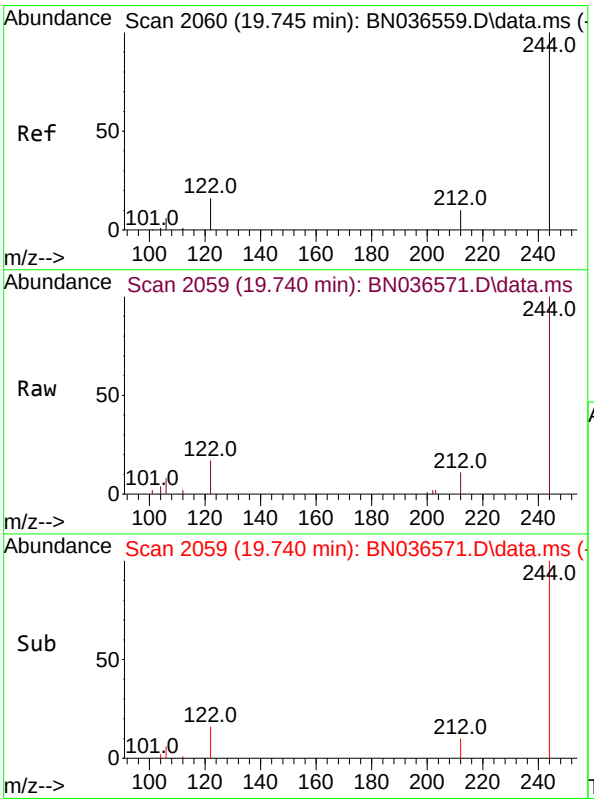

#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.295 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:240 Resp: 3951

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 20.6 | 14.6 | 22.0 |
| 236 | 31.8 | 24.1 | 36.1 |

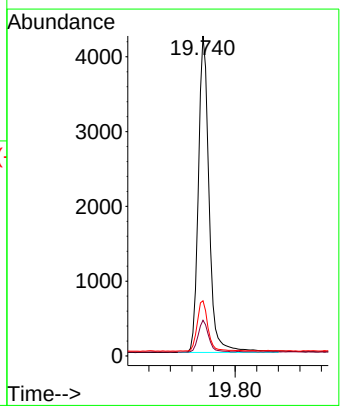


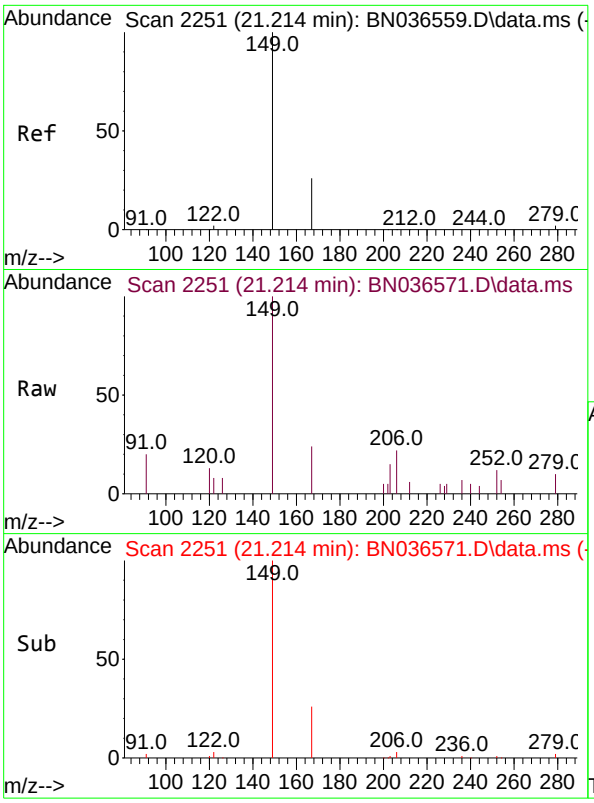




#31
Terphenyl-d14
Concen: 0.619 ng
RT: 19.740 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:244 Resp: 5863

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.2 | 9.6 | 14.4 |
| 122 | 17.3 | 13.9 | 20.9 |



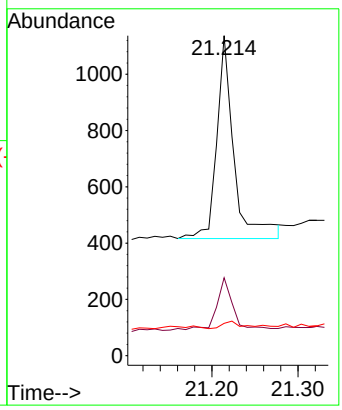


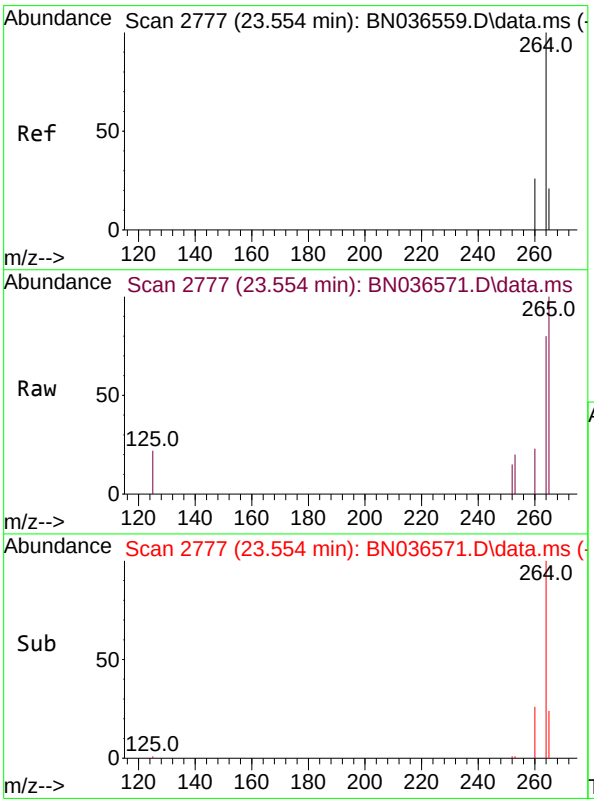

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.102 ng
RT: 21.214 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

**Instrument :**
BNA_N
**ClientSampleId :**
RE105D1-20250306

Tgt Ion:149 Resp: 994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 23.0 | 20.7 | 31.1 |
| 279 | 4.1 | 3.6 | 5.4 |




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.554 min Scan# 2777
Delta R.T. 0.000 min
Lab File: BN036571.D
Acq: 10 Mar 2025 20:50

Tgt Ion:264 Resp: 3259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 28.1 | 22.6 | 33.8 |
| 265 | 124.5 | 88.1 | 132.1 |