Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036331.D
Acq On : 06 Feb 2025 12:15
Operator : RC/JU
Sample : Q1283-01RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Quant Time: Feb 06 13:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration

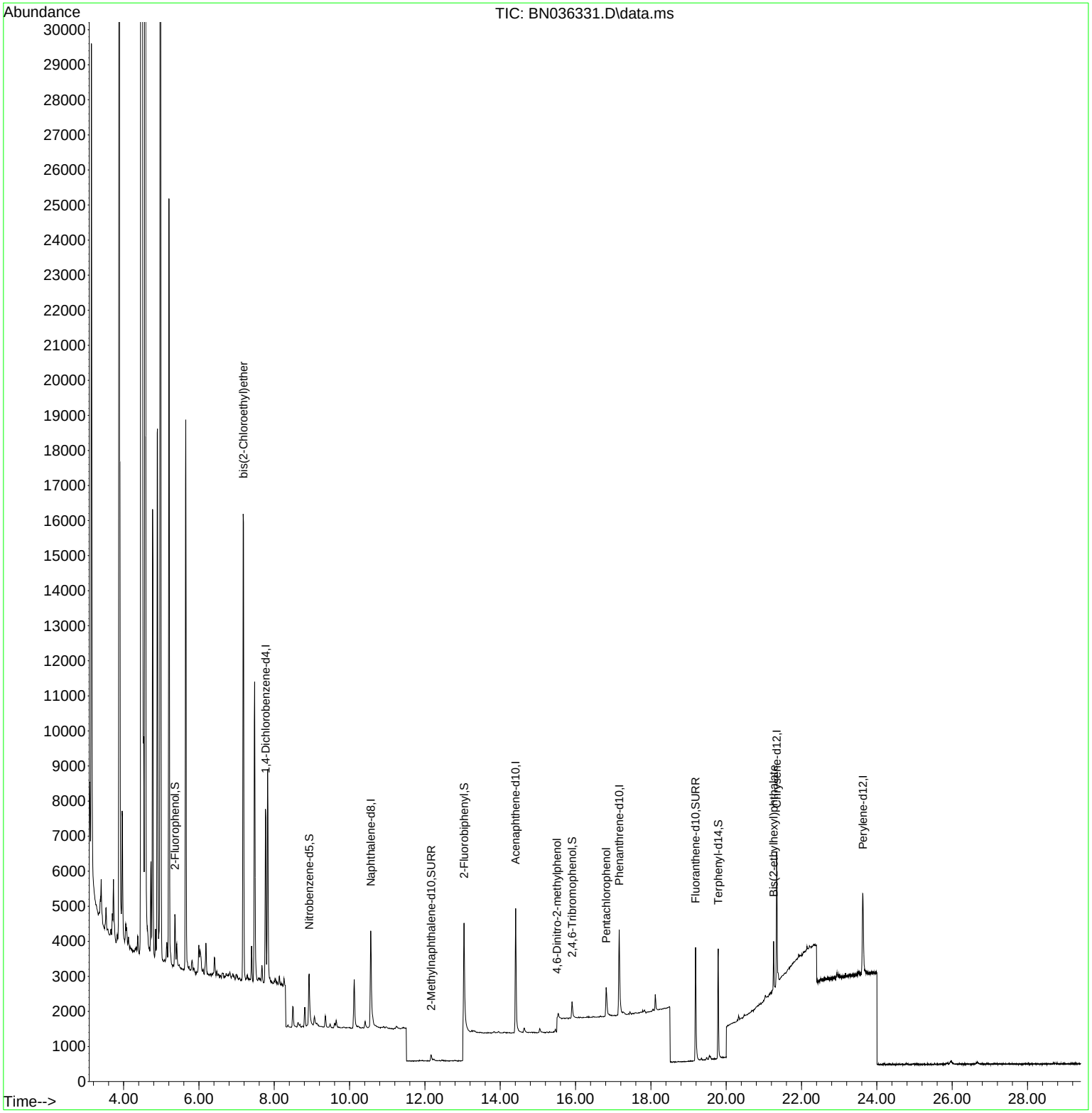
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.775 | 152 | 2278 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.562 | 136 | 4837 | 0.400 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.409 | 164 | 2451 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.161 | 188 | 4214 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.340 | 240 | 3676 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.627 | 264 | 3493 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.363 | 112 | 708 | 0.119 | ng | 0.00 |
| 5) Phenol-d6 | 6.952 | 99 | 10 | 0.001 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.929 | 82 | 1803 | 0.395 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.167 | 152 | 403 | 0.061 | ng | 0.01 |
| 14) 2,4,6-Tribromophenol | 15.907 | 330 | 348 | 0.221 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.041 | 172 | 3683 | 0.337 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.188 | 212 | 4185 | 0.383 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.787 | 244 | 3333 | 0.436 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 6) bis(2-Chloroethyl)ether | 7.183 | 93 | 7941 | 1.418 | ng | # 41 |
| 20) 4,6-Dinitro-2-methylph... | 15.510 | 198 | 52 | 0.053 | ng | # 1 |
| 24) Pentachlorophenol | 16.813 | 266 | 558 | 0.326 | ng | 96 |
| 34) Bis(2-ethylhexyl)phtha... | 21.259 | 149 | 1263 | 0.173 | ng | # 98 |

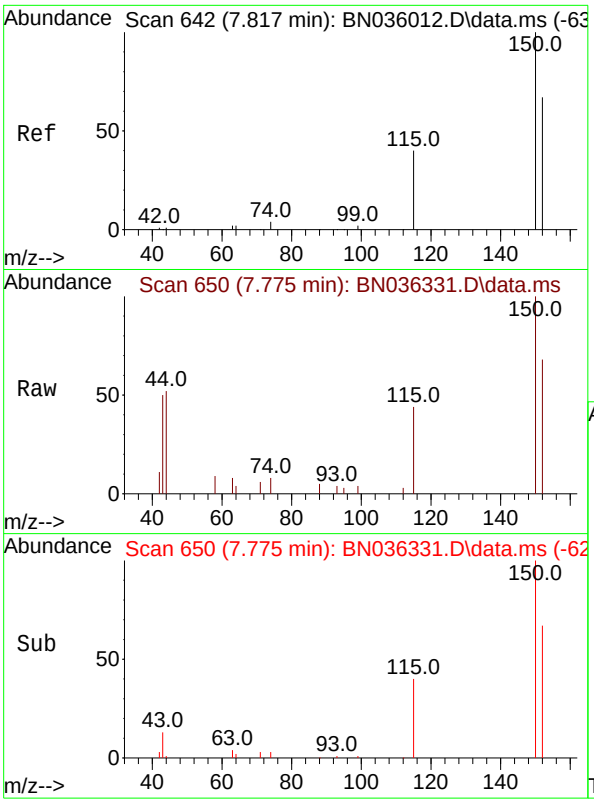
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020525\
Data File : BN036331.D
Acq On : 06 Feb 2025 12:15
Operator : RC/JU
Sample : Q1283-01RE
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Quant Time: Feb 06 13:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 01:04:09 2025
Response via : Initial Calibration



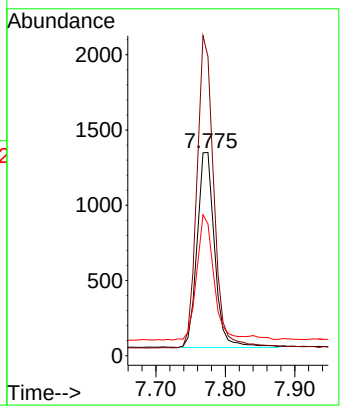


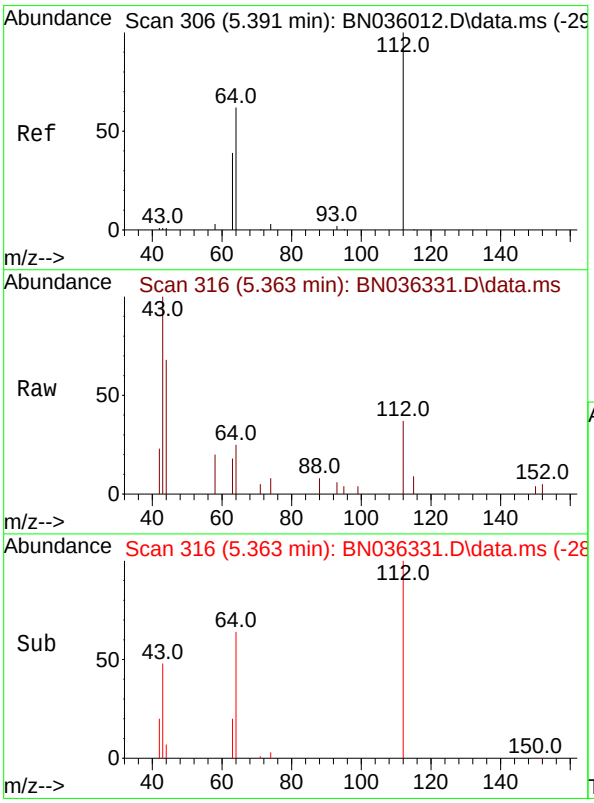

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.775 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion:152 Resp: 2278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 147.2 | 117.4 | 176.2 |
| 115 | 64.8 | 51.0 | 76.4 |

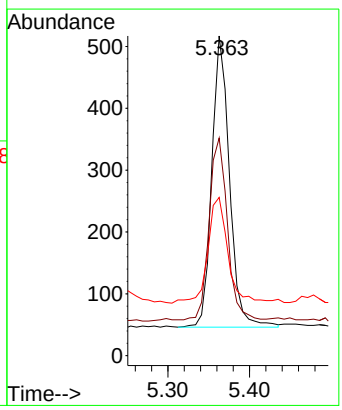


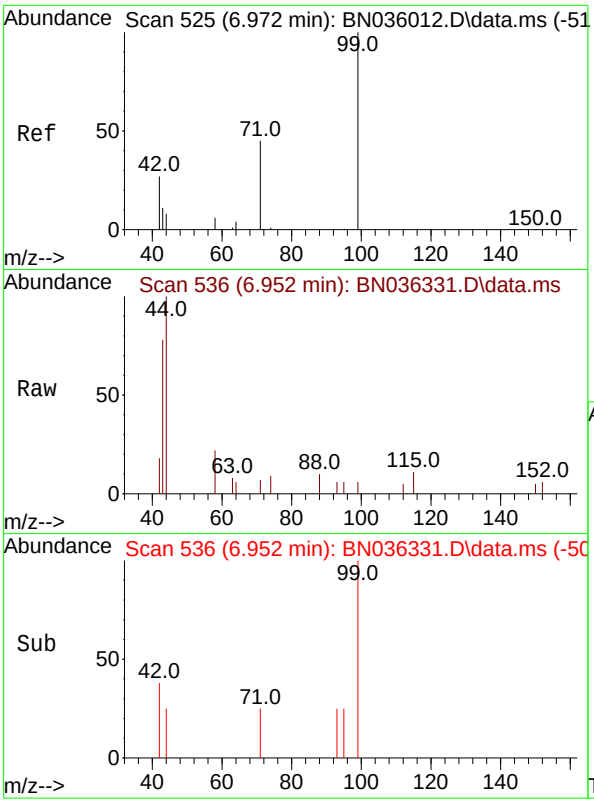




#4
2-Fluorophenol
Concen: 0.119 ng
RT: 5.363 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion:112 Resp: 708

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 64.0 | 50.0 | 75.0 |
| 63 | 42.8 | 30.7 | 46.1 |



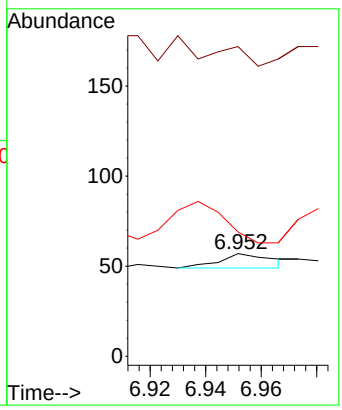


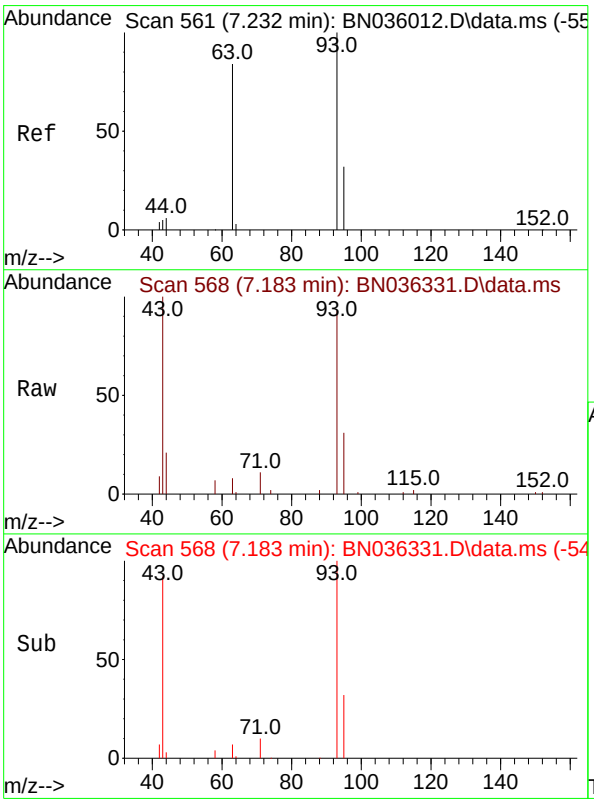

#5
Phenol-d6
Concen: 0.001 ng
RT: 6.952 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion: 99 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 0.0 | 26.8 | 40.2# |
| 71 | 450.0 | 36.6 | 55.0# |

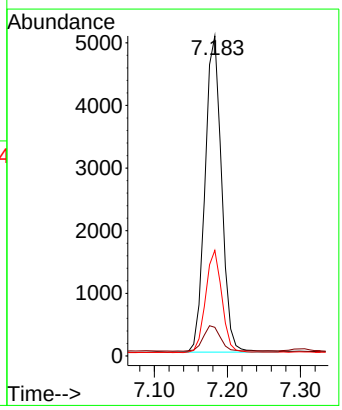


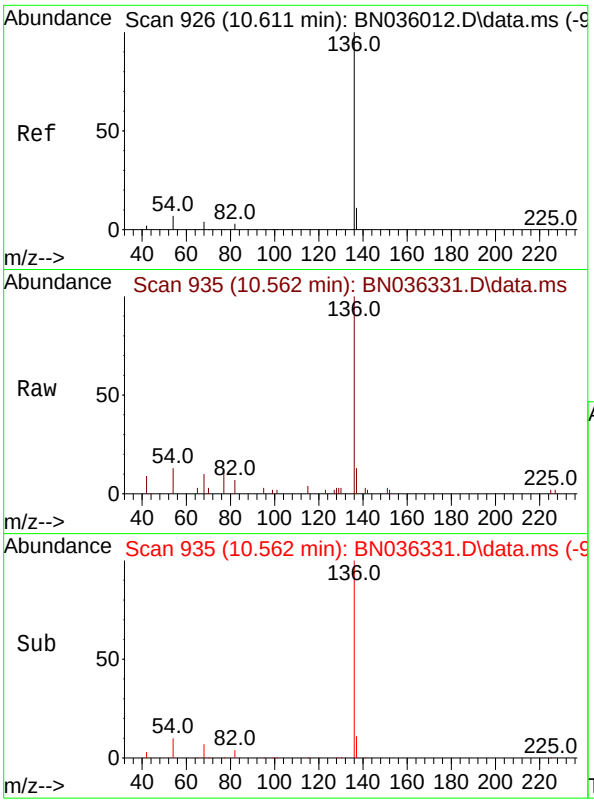




#6
bis(2-Chloroethyl)ether
Concen: 1.418 ng
RT: 7.183 min Scan# 568
Delta R.T. -0.014 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion: 93 Resp: 7941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 8.4 | 65.8 | 98.6# |
| 95 | 32.0 | 25.8 | 38.6 |



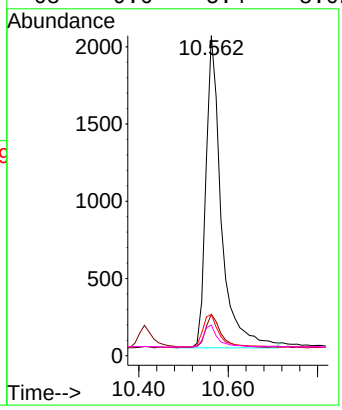


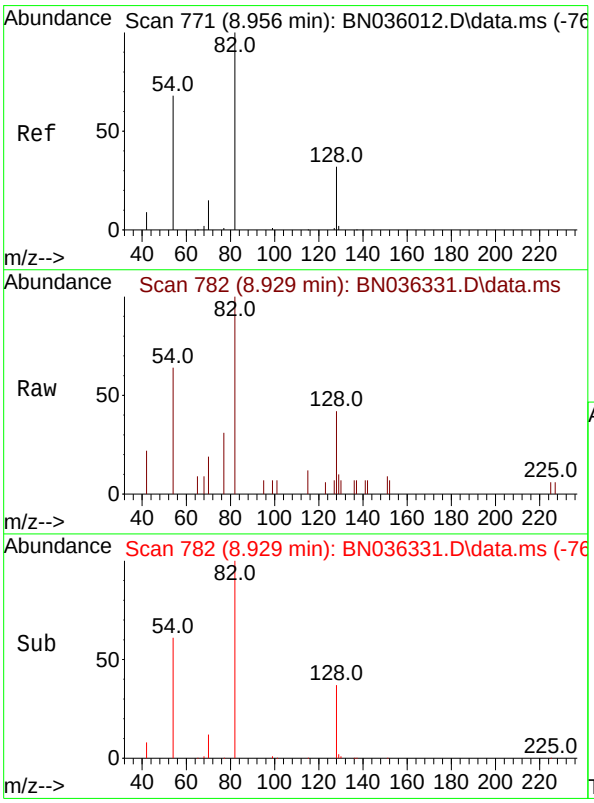

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.562 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion:136 Resp: 4837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.9 | 10.4 | 15.6 |
| 54 | 12.9 | 7.7 | 11.5# |
| 68 | 9.6 | 5.4 | 8.0# |

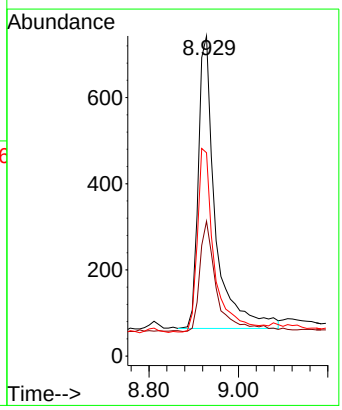


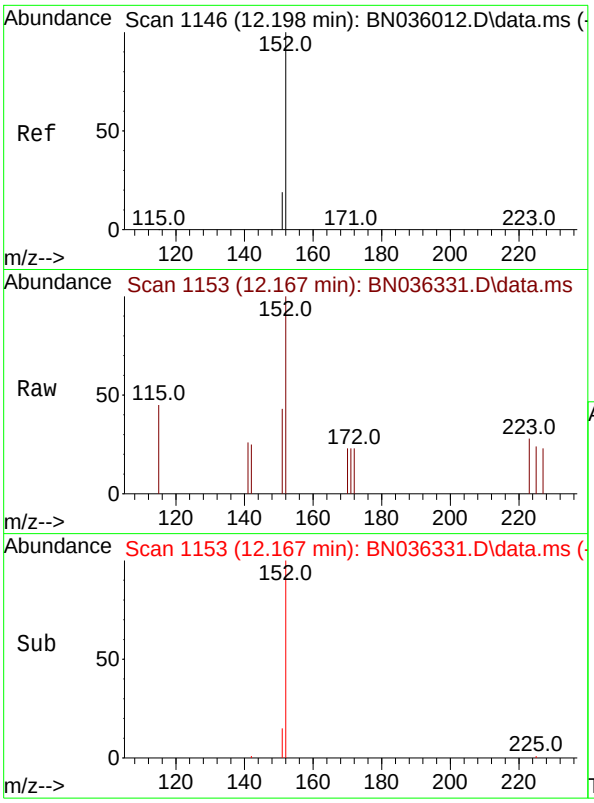




#8
Nitrobenzene-d5
Concen: 0.395 ng
RT: 8.929 min Scan# 782
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion: 82 Resp: 1803

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.1 | 28.8 | 43.2 |
| 54 | 63.5 | 55.8 | 83.8 |



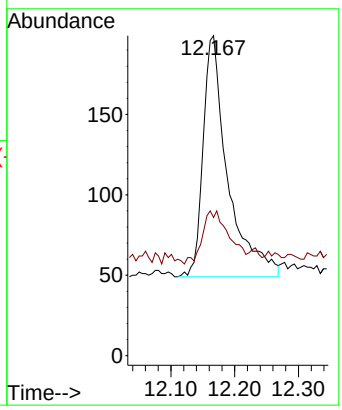


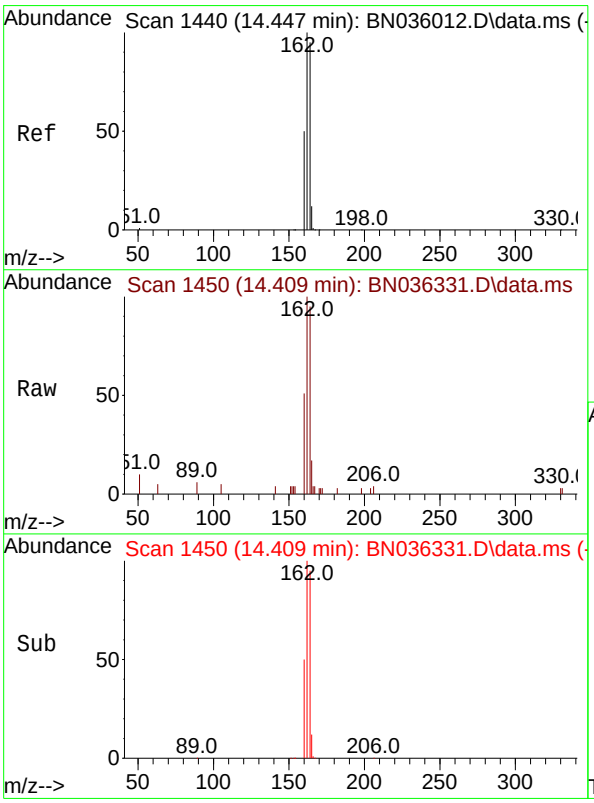

#11
2-Methylnaphthalene-d10
Concen: 0.061 ng
RT: 12.167 min Scan# 11
Delta R.T. 0.010 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion:152 Resp: 403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 23.8 | 16.6 | 25.0 |

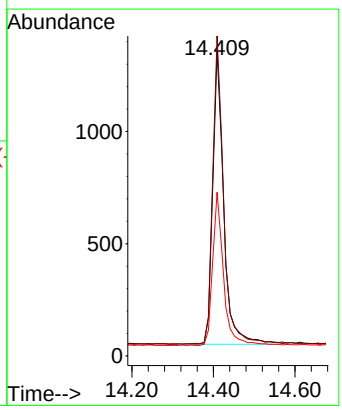


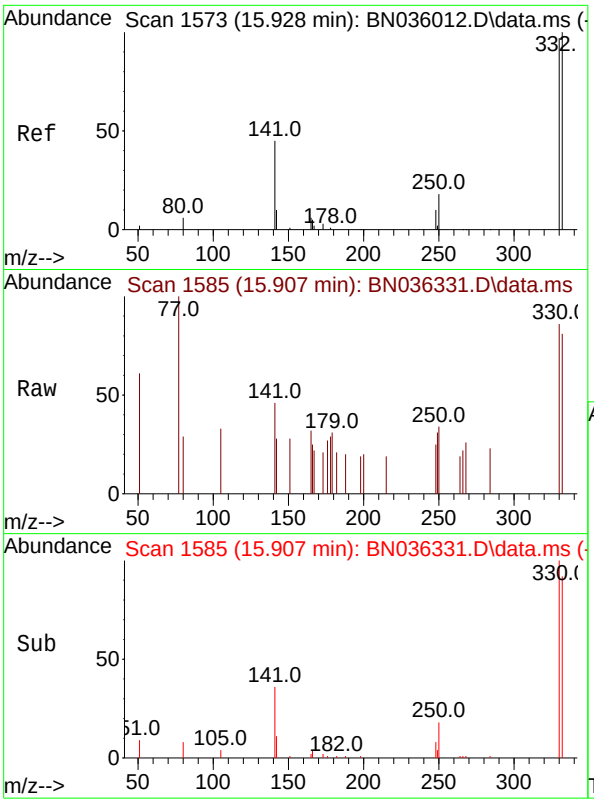




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.409 min Scan# 1450
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion:164 Resp: 2451

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.9 | 84.1 | 126.1 |
| 160 | 53.6 | 43.8 | 65.8 |



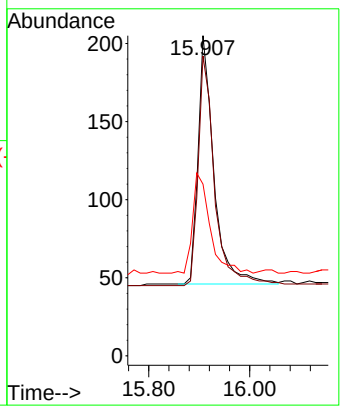


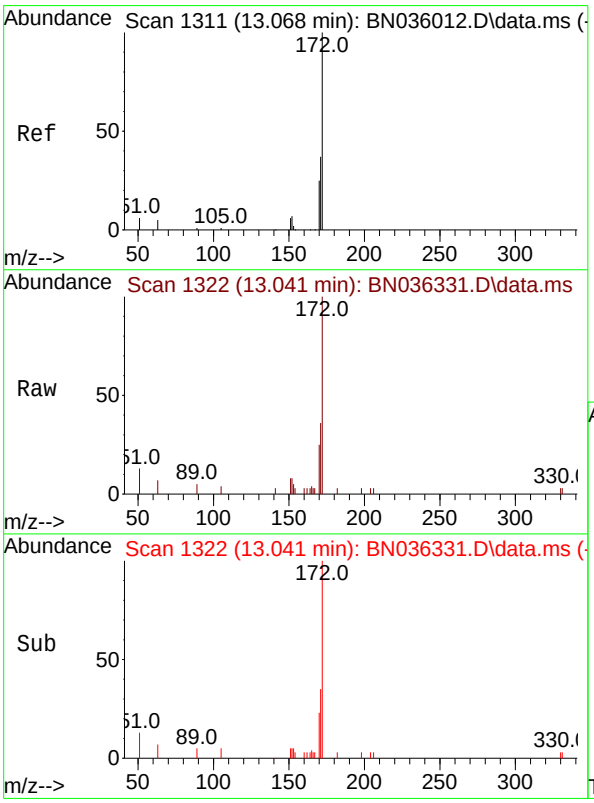

#14
2,4,6-Tribromophenol
Concen: 0.221 ng
RT: 15.907 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion:330 Resp: 348

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 81.0 | 121.4 |
| 141 | 45.4 | 36.7 | 55.1 |

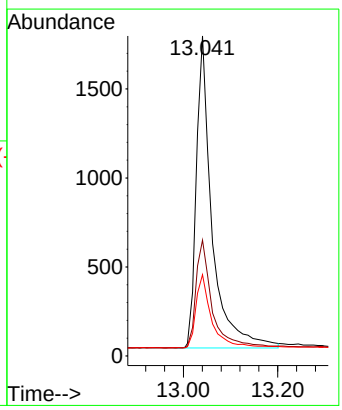


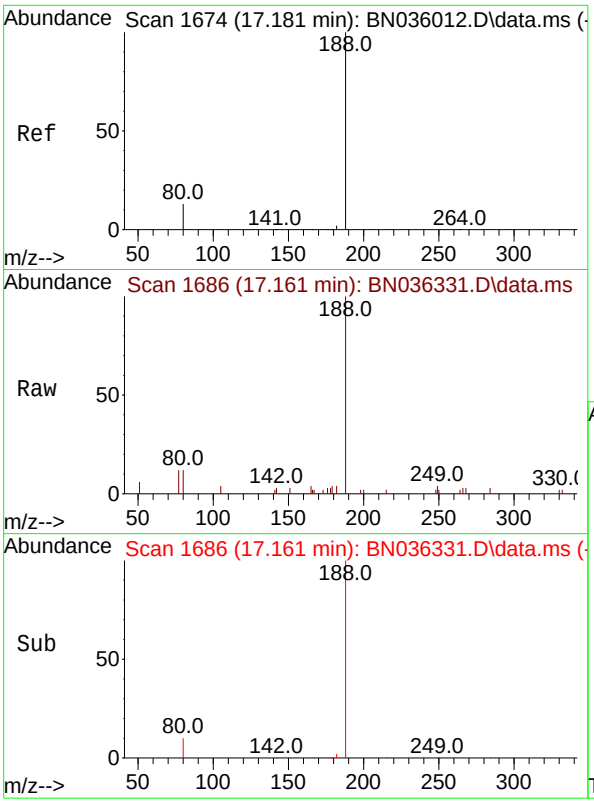




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.041 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion:172 Resp: 3683

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 30.9 | 46.3 |
| 170 | 25.4 | 21.2 | 31.8 |



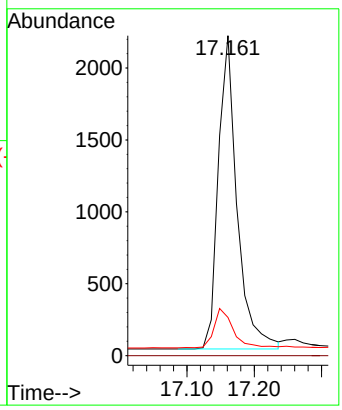


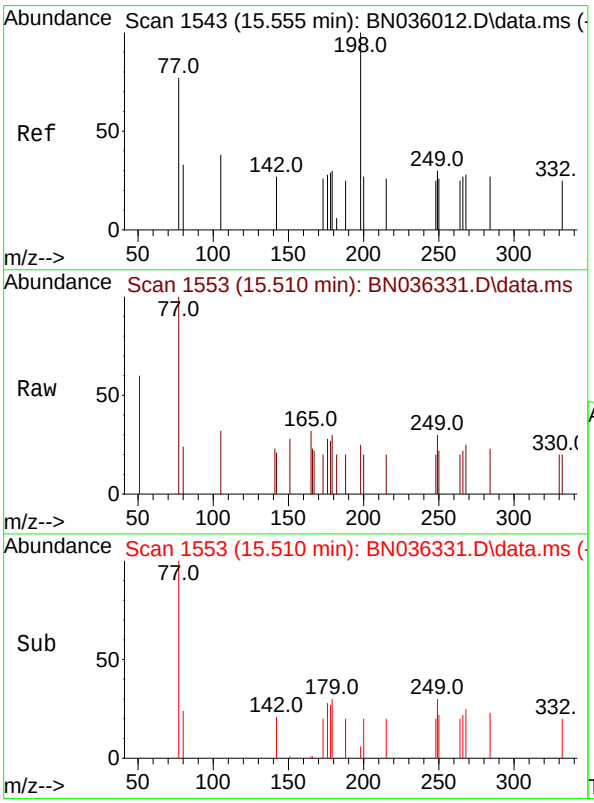

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.161 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion:188 Resp: 4214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.0 | 12.3 | 18.5# |

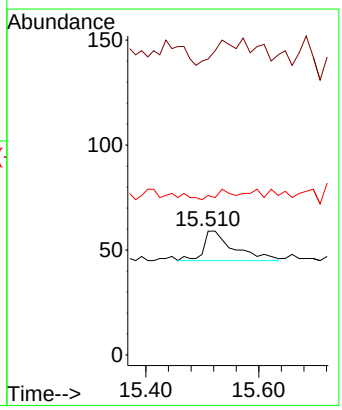


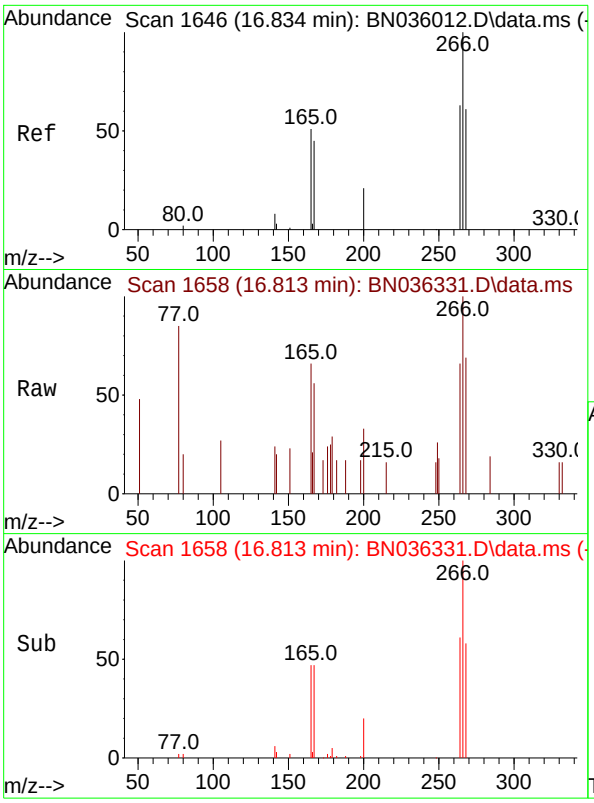




#20
4,6-Dinitro-2-methylphenol
Concen: 0.053 ng
RT: 15.510 min Scan# 1553
Delta R.T. -0.037 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion:198 Resp: 52

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 239.0 | 68.1 | 102.1# |
| 105 | 128.8 | 46.5 | 69.7# |



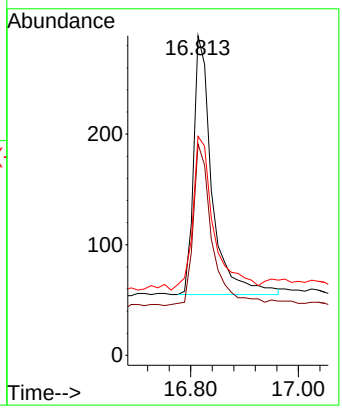


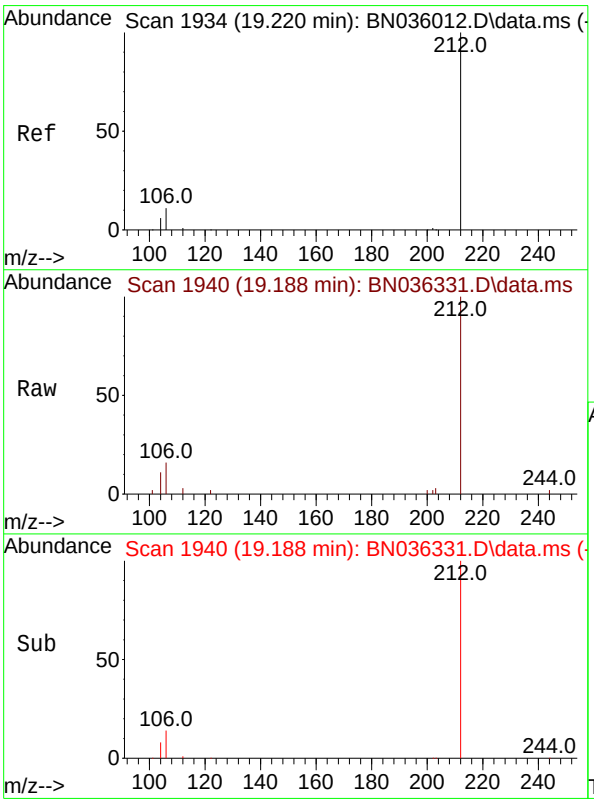

#24
Pentachlorophenol
Concen: 0.326 ng
RT: 16.813 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion:266 Resp: 558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 64.0 | 48.2 | 72.2 |
| 268 | 67.6 | 51.6 | 77.4 |

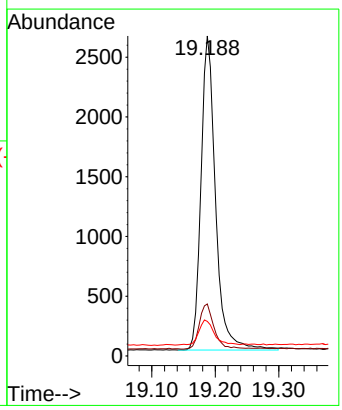


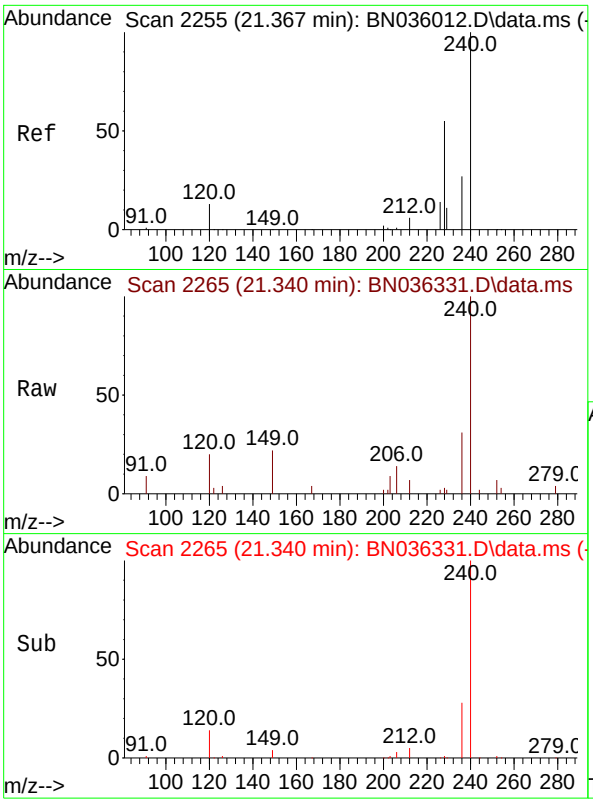




#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.188 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion:212 Resp: 4185

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 14.5 | 9.7 | 14.5 |
| 104 | 8.5 | 6.0 | 9.0 |



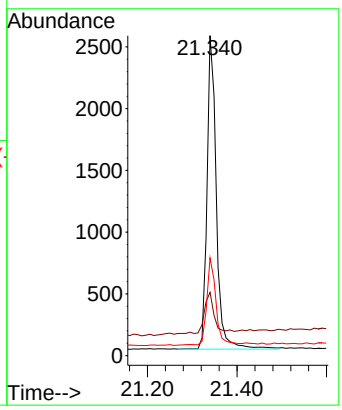


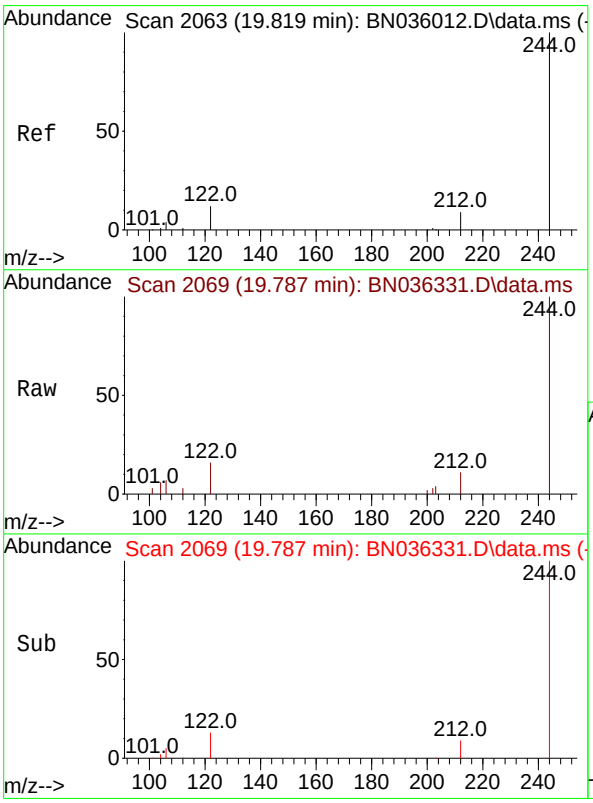

#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion:240 Resp: 3676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 19.8 | 13.9 | 20.9 |
| 236 | 30.6 | 23.7 | 35.5 |

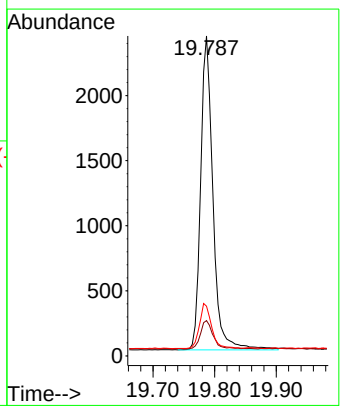


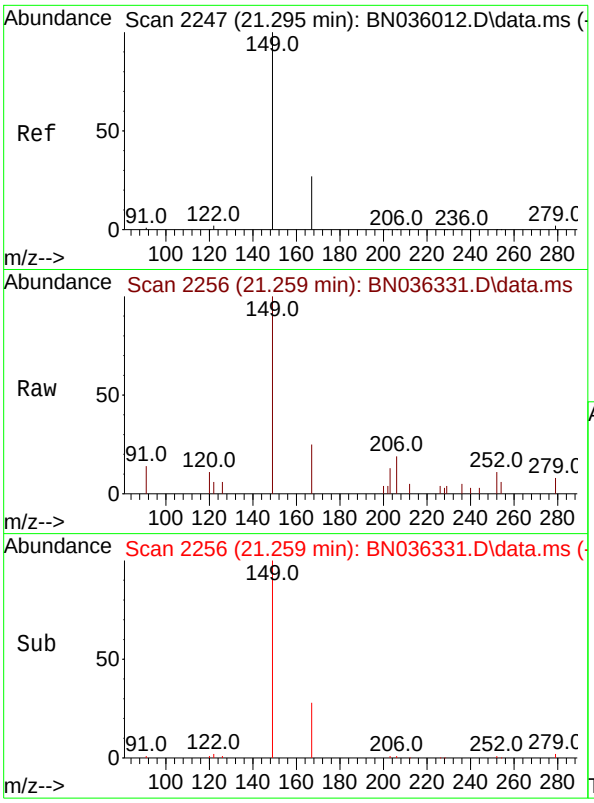




#31
Terphenyl-d14
Concen: 0.436 ng
RT: 19.787 min Scan# 2069
Delta R.T. -0.005 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion:244 Resp: 3333

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.1 | 9.1 | 13.7 |
| 122 | 15.5 | 11.3 | 16.9 |



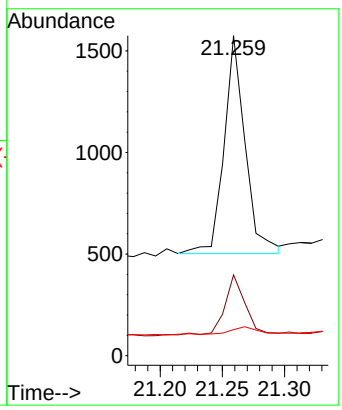


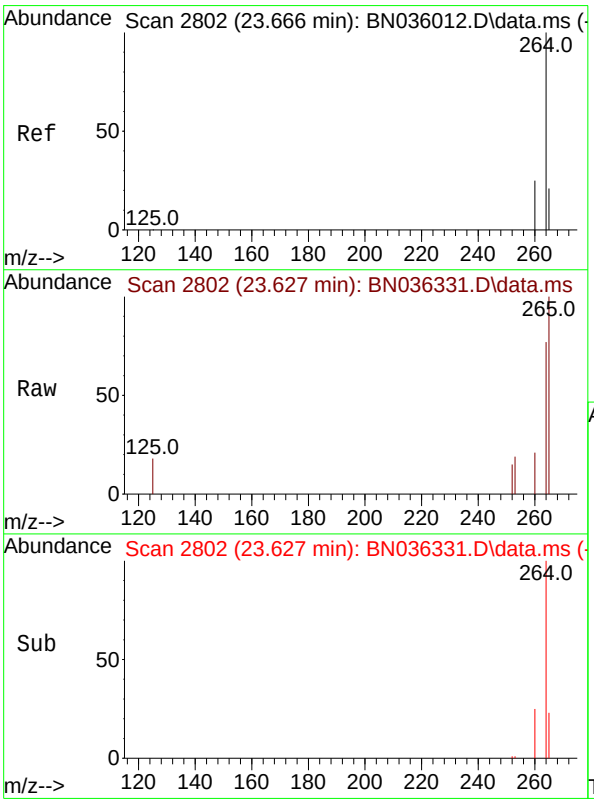

#34
Bis(2-ethylhexyl)phthalate
Concen: 0.173 ng
RT: 21.259 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

**Instrument :**
BNA_N
**ClientSampleId :**
VPB192-HYD-20250131RE

Tgt Ion:149 Resp: 1263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 21.9 | 32.9 |
| 279 | 5.9 | 3.0 | 4.6# |




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.627 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BN036331.D
Acq: 06 Feb 2025 12:15

Tgt Ion:264 Resp: 3493

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.8 | 21.8 | 32.6 |
| 265 | 129.8 | 56.6 | 84.8# |