Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
Data File : BN037094.D
Acq On : 27 May 2025 19:24
Operator : RC/JU
Sample : Q2118-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Quant Time: May 28 14:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.611 | 152 | 1853 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.394 | 136 | 4744 | 0.400 | ng | -0.01 |
| 13) Acenaphthene-d10 | 14.256 | 164 | 2645 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 17.009 | 188 | 4766 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.198 | 240 | 2958 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.398 | 264 | 2716 | 0.400 | ng | #-0.02 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.206 | 112 | 786 | 0.162 | ng | 0.00 |
| 5) Phenol-d6 | 6.788 | 99 | 606 | 0.100 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.760 | 82 | 1460 | 0.283 | ng | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.986 | 152 | 1813 | 0.271 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.755 | 330 | 383 | 0.330 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 12.878 | 172 | 3259 | 0.269 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.040 | 212 | 4051 | 0.310 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.644 | 244 | 3339 | 0.528 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.141 | 88 | 409 | 0.180 | ng | # 31 |
| 20) 4,6-Dinitro-2-methylph... | 15.411 | 198 | 12 | 0.036 | ng | # 1 |
| 34) Bis(2-ethylhexyl)phtha... | 21.126 | 149 | 639 | 0.093 | ng | # 88 |

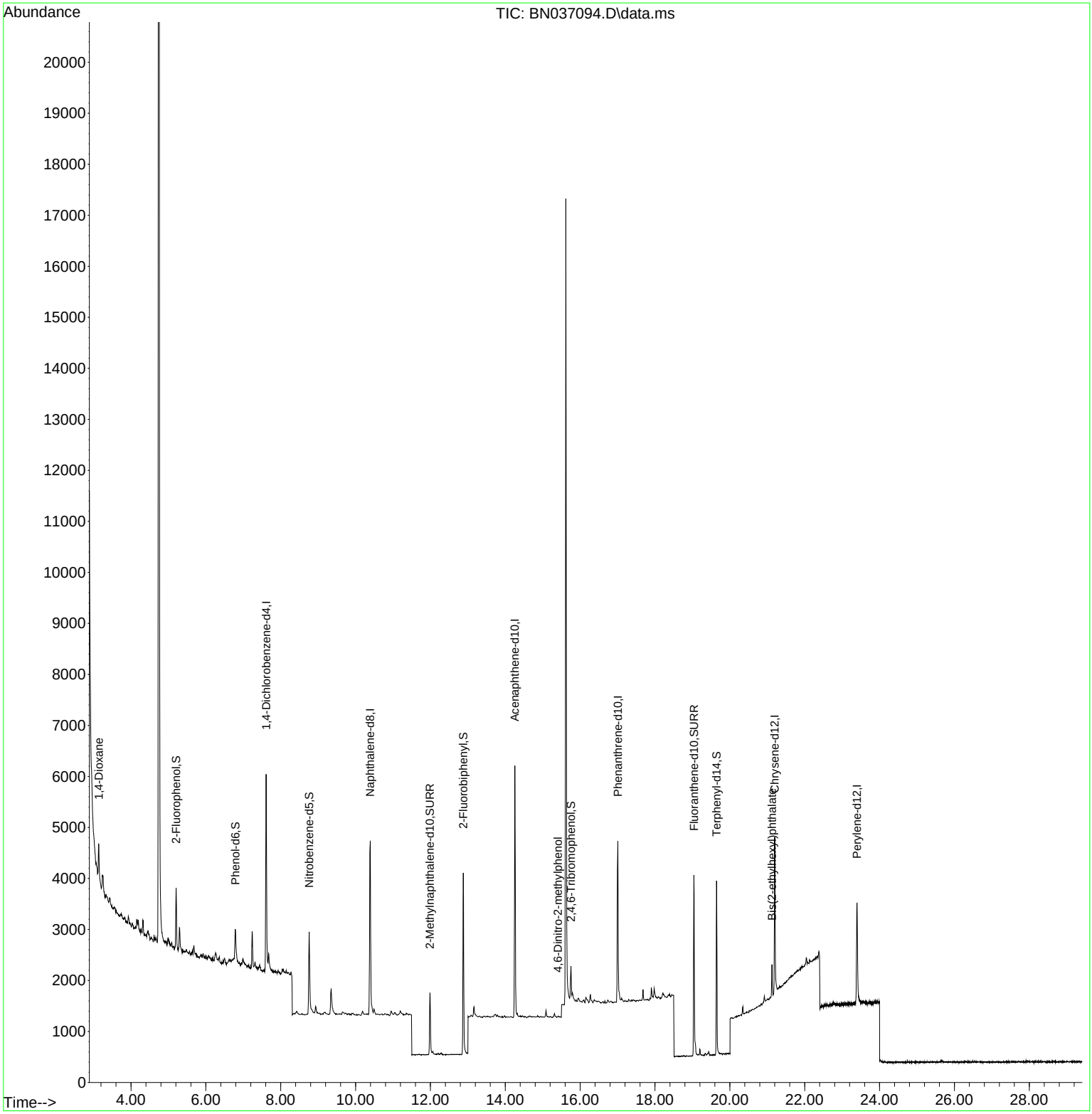
(#) = qualifier out of range (m) = manual integration (+) = signals summed

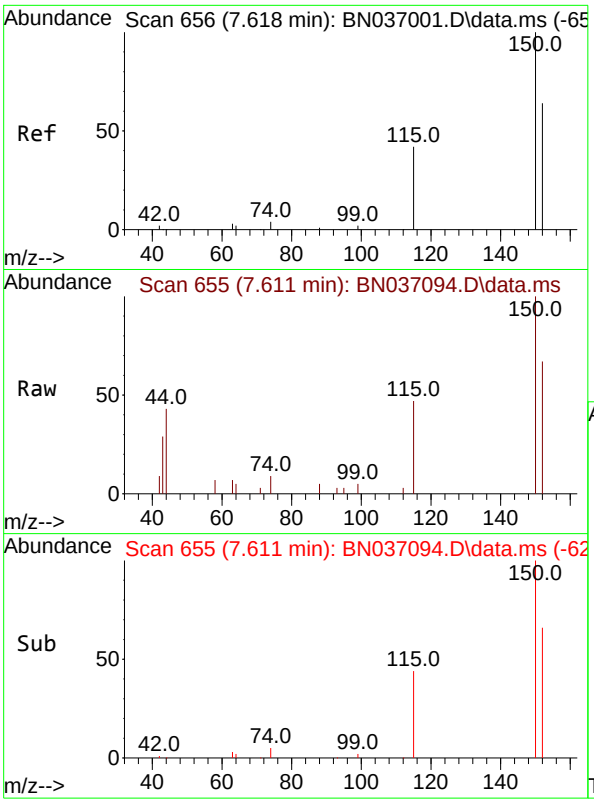
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052725\
Data File : BN037094.D
Acq On : 27 May 2025 19:24
Operator : RC/JU
Sample : Q2118-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Quant Time: May 28 14:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



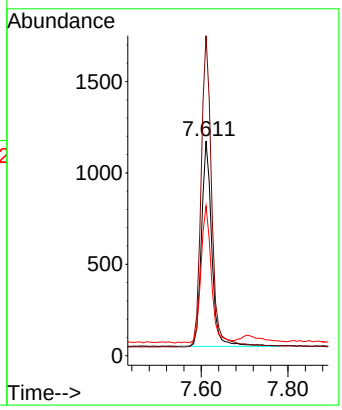


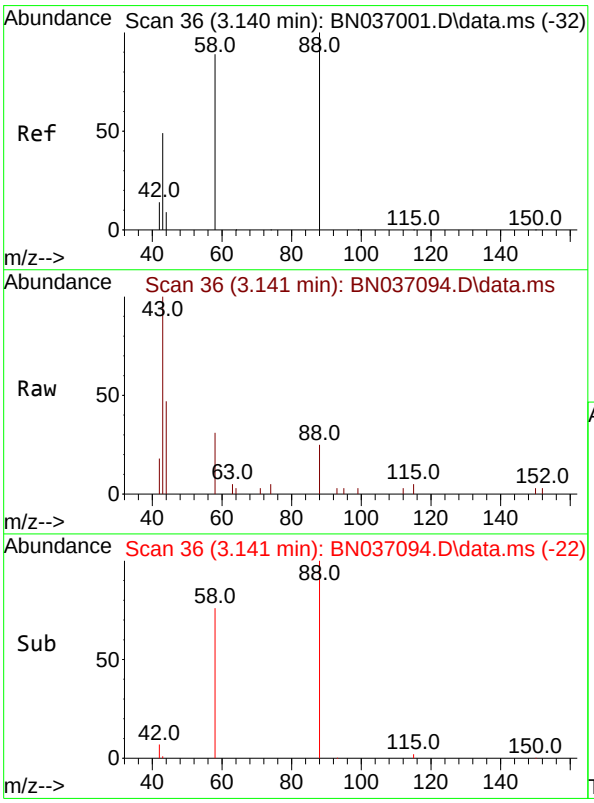

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:152 Resp: 1853

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.1 | 123.9 | 185.9 |
| 115 | 69.8 | 55.8 | 83.8 |

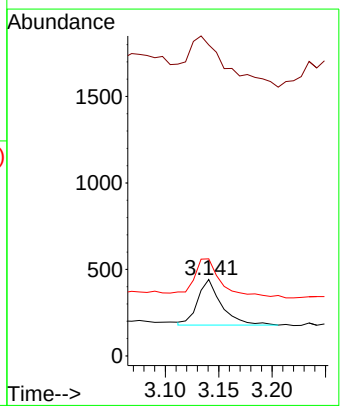


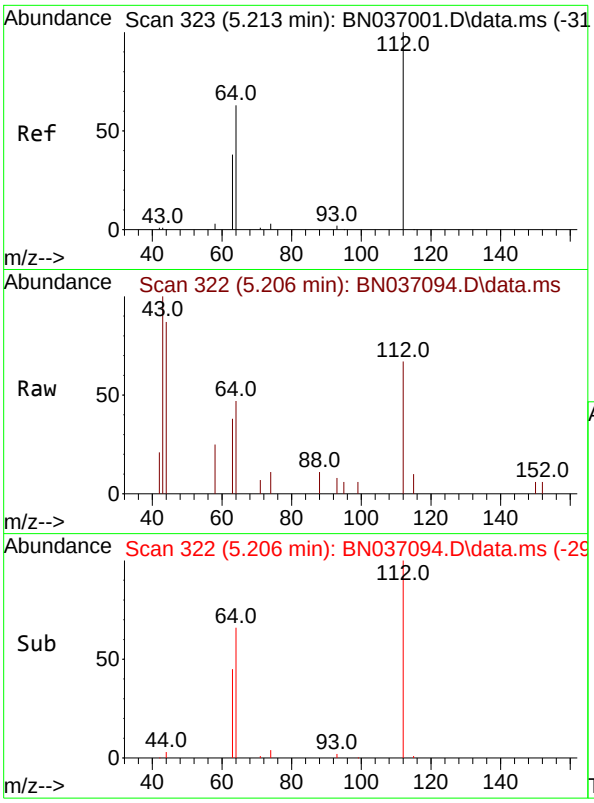




#2
1,4-Dioxane
Concen: 0.180 ng
RT: 3.141 min Scan# 36
Delta R.T. 0.001 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

Tgt Ion: 88 Resp: 409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 173.8 | 37.4 | 56.0# |
| 58 | 89.2 | 68.8 | 103.2 |



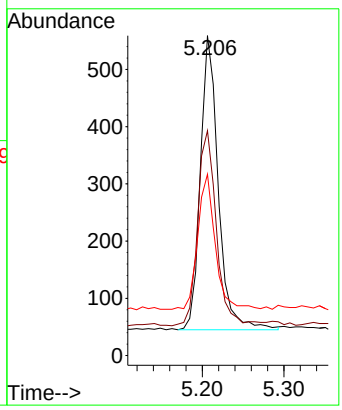


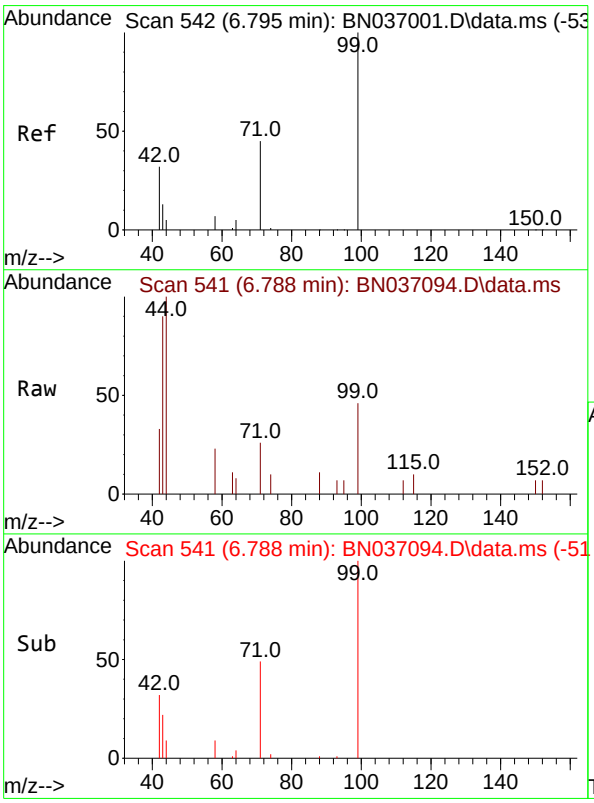

#4
2-Fluorophenol
Concen: 0.162 ng
RT: 5.206 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:112 Resp: 786

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 68.7 | 55.7 | 83.5 |
| 63 | 44.3 | 34.6 | 51.8 |

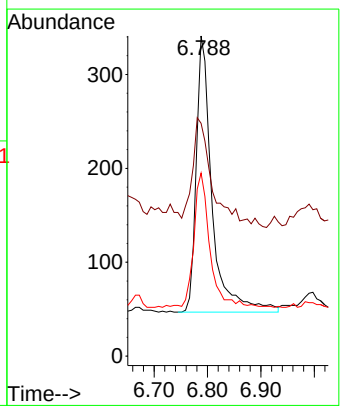


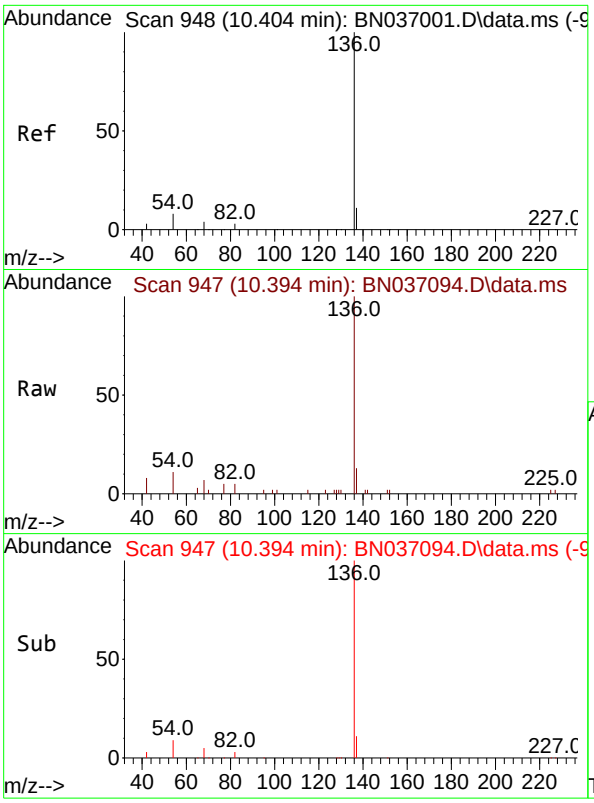




#5
Phenol-d6
Concen: 0.100 ng
RT: 6.788 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

Tgt Ion: 99 Resp: 606

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 51.5 | 29.3 | 43.9# |
| 71 | 49.7 | 35.7 | 53.5 |



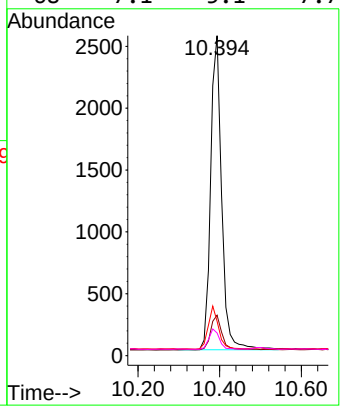


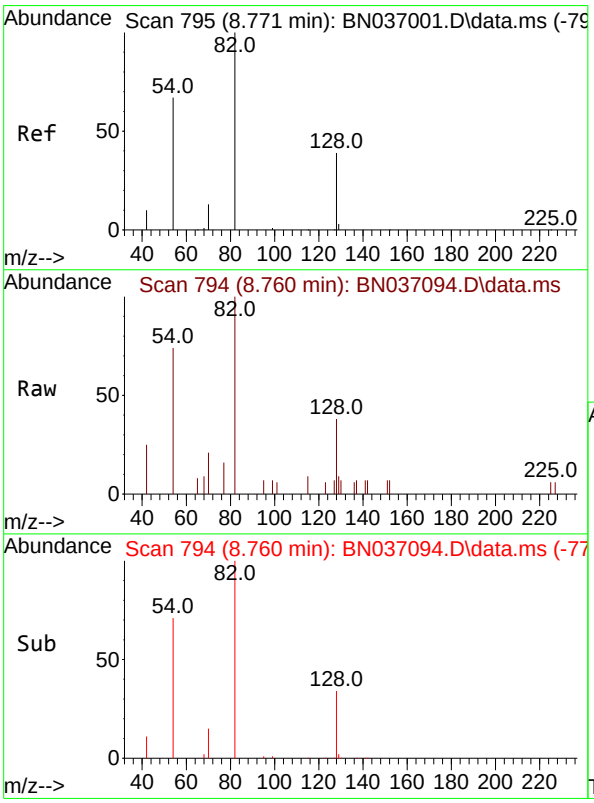

#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 94
Delta R.T. -0.010 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:136 Resp: 4744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.6 | 10.4 | 15.6 |
| 54 | 10.8 | 8.5 | 12.7 |
| 68 | 7.1 | 5.1 | 7.7 |

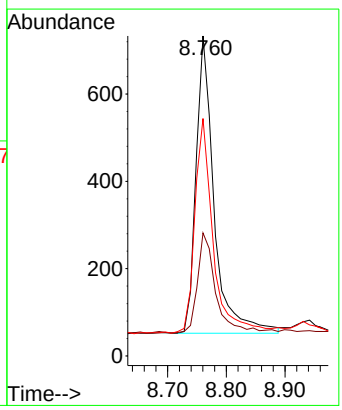


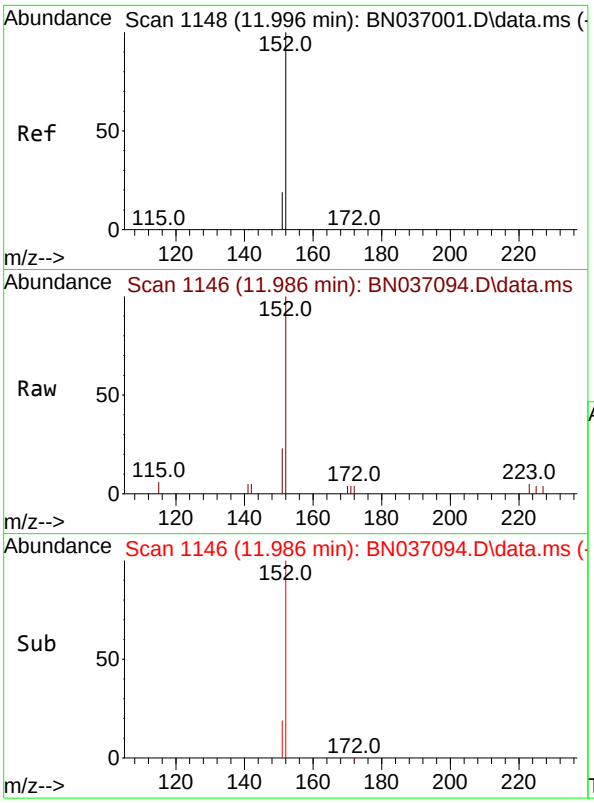




#8
Nitrobenzene-d5
Concen: 0.283 ng
RT: 8.760 min Scan# 794
Delta R.T. -0.010 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

Tgt Ion: 82 Resp: 1460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.5 | 34.0 | 51.0 |
| 54 | 74.2 | 55.0 | 82.4 |



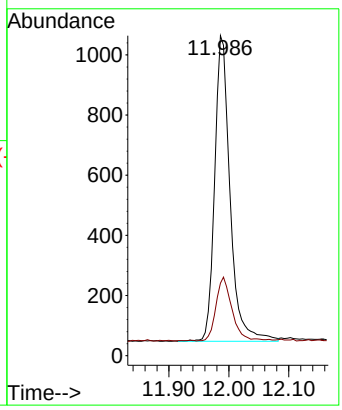


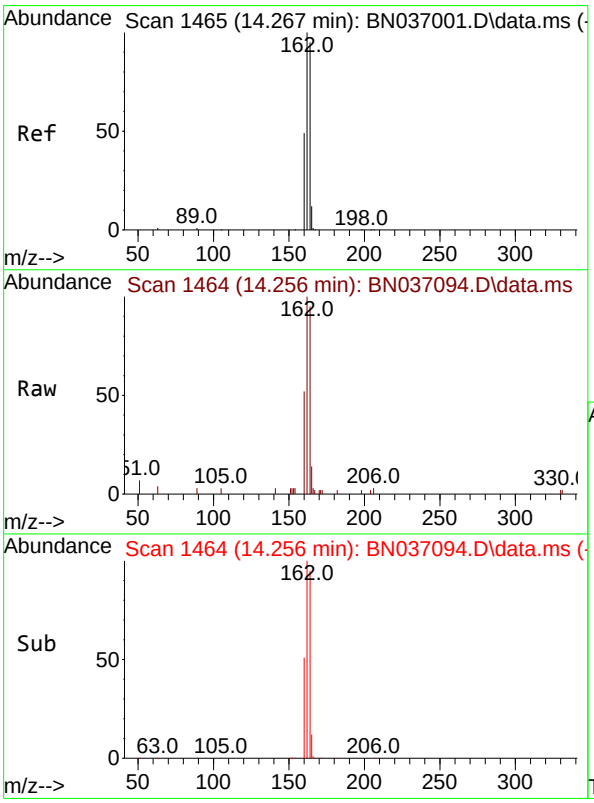

#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 11.986 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:152 Resp: 1813

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.8 | 17.5 | 26.3 |

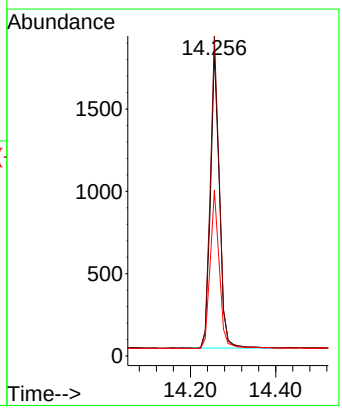


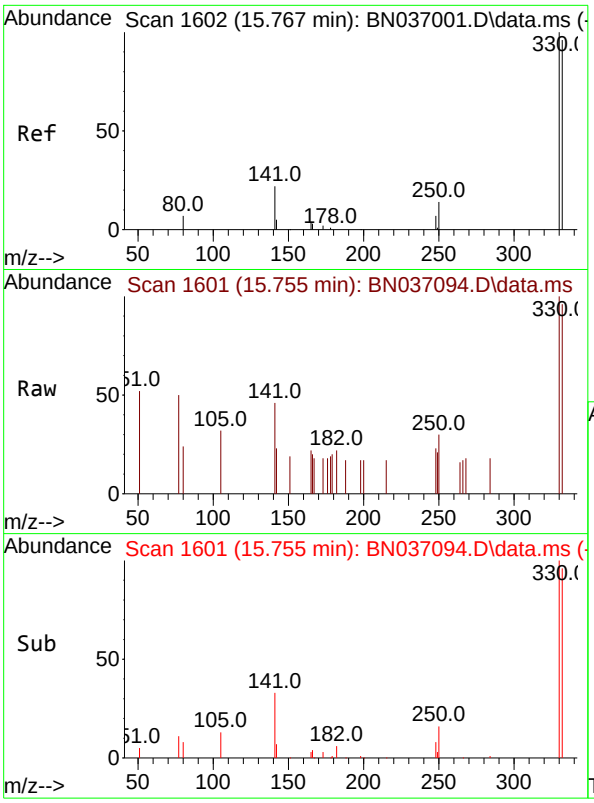




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.010 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

Tgt Ion:164 Resp: 2645

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.0 | 84.2 | 126.4 |
| 160 | 54.3 | 42.6 | 63.8 |



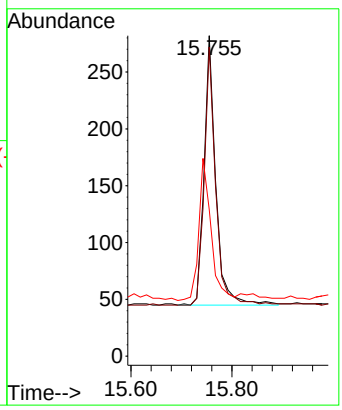


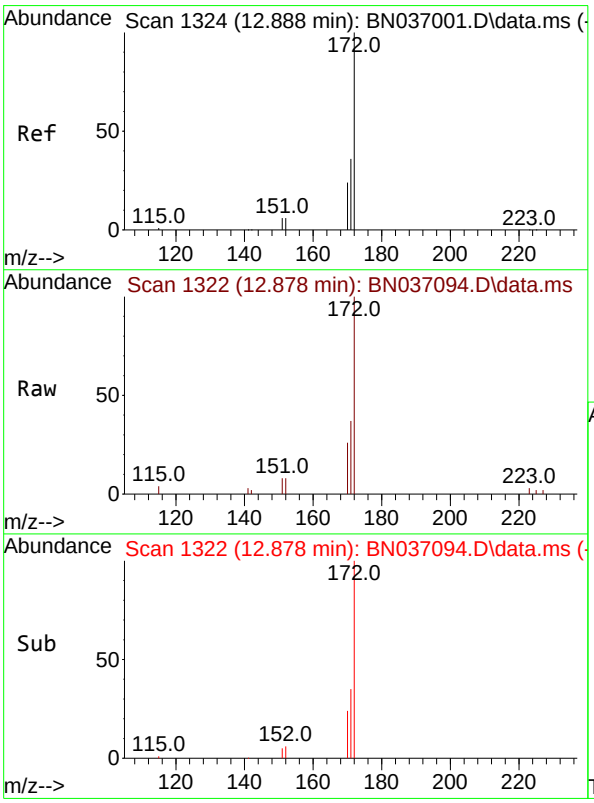

#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:330 Resp: 383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.2 | 73.8 | 110.8 |
| 141 | 55.1 | 43.9 | 65.9 |

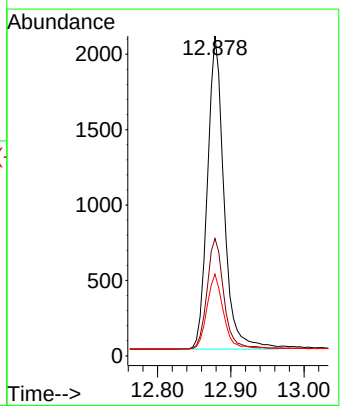


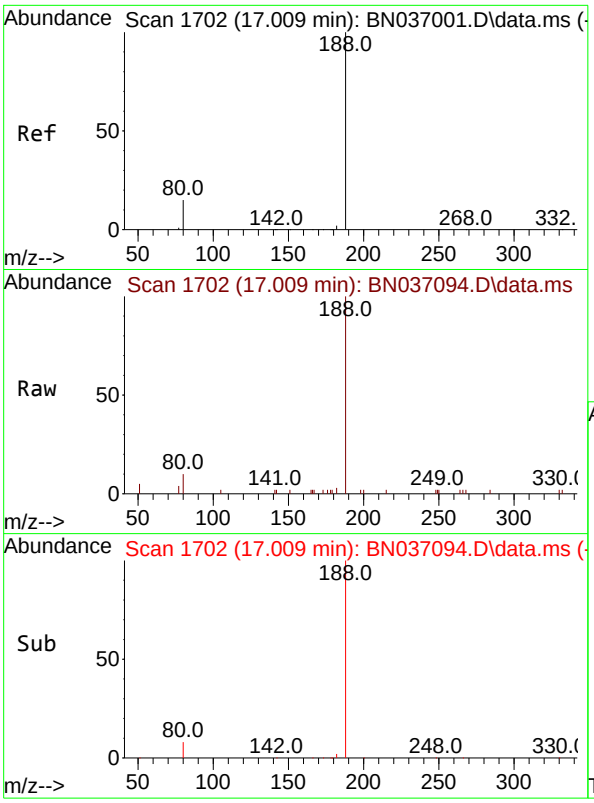




#15
2-Fluorobiphenyl
Concen: 0.269 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

Tgt Ion:172 Resp: 3259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.7 | 29.2 | 43.8 |
| 170 | 25.6 | 20.5 | 30.7 |



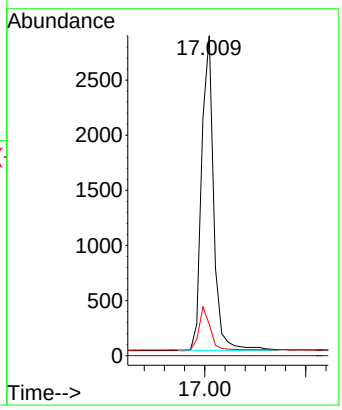


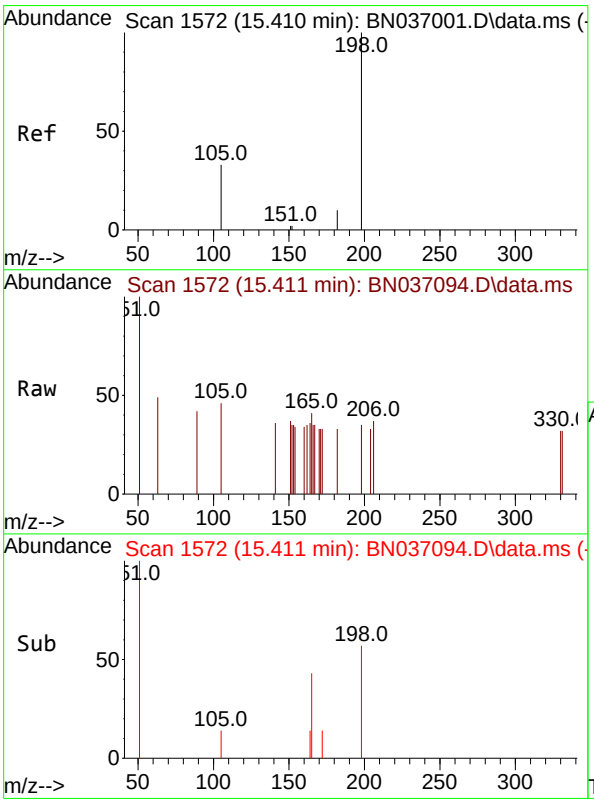

#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:188 Resp: 4766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 9.8 | 13.4 | 20.0# |

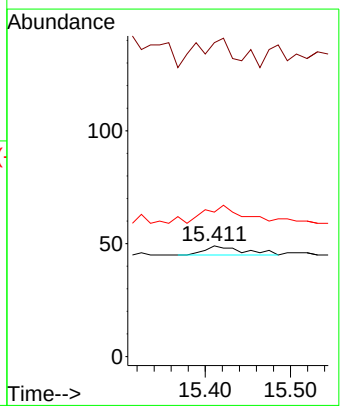


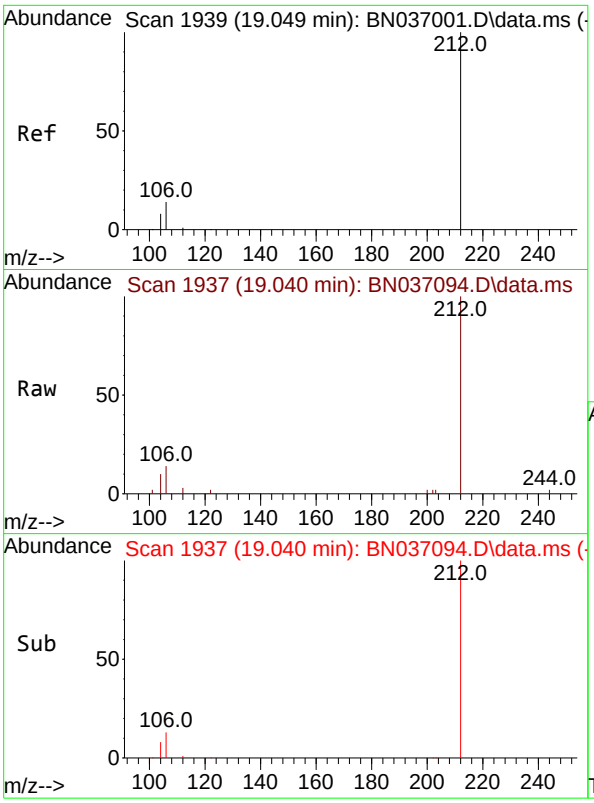




#20
4,6-Dinitro-2-methylphenol
Concen: 0.036 ng
RT: 15.411 min Scan# 1572
Delta R.T. 0.001 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

Tgt Ion:198 Resp: 12

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 283.7 | 87.8 | 131.6# |
| 105 | 130.6 | 44.2 | 66.4# |



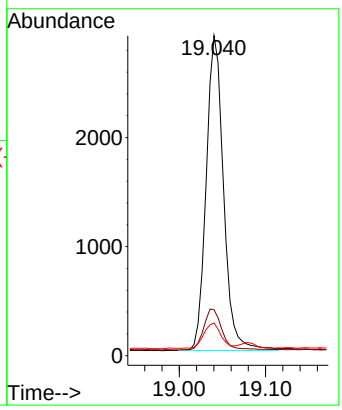


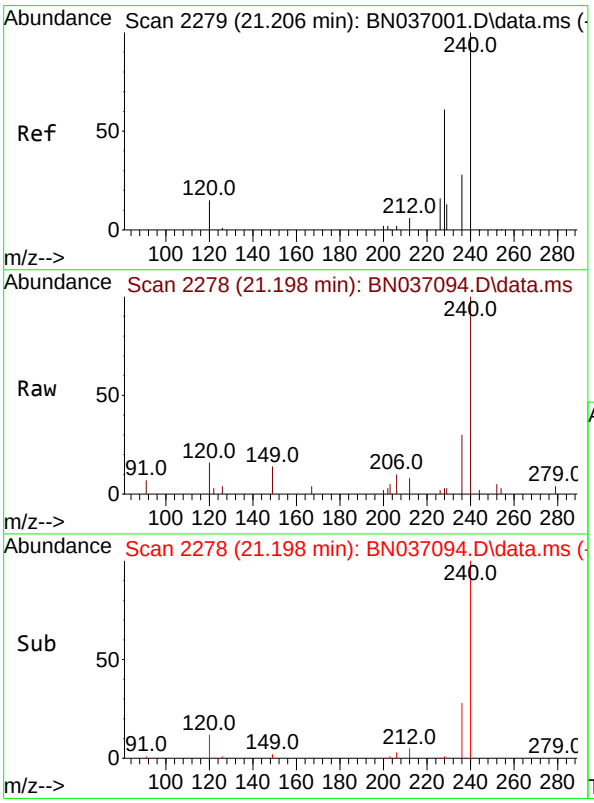

#27
Fluoranthene-d10
Concen: 0.310 ng
RT: 19.040 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:212 Resp: 4051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.7 | 11.3 | 16.9 |
| 104 | 7.9 | 6.7 | 10.1 |

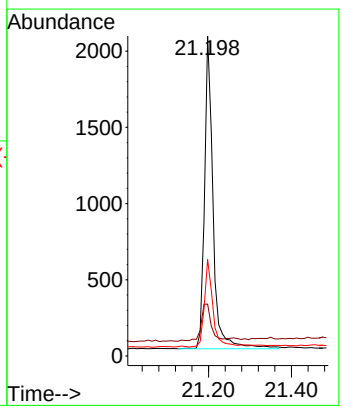


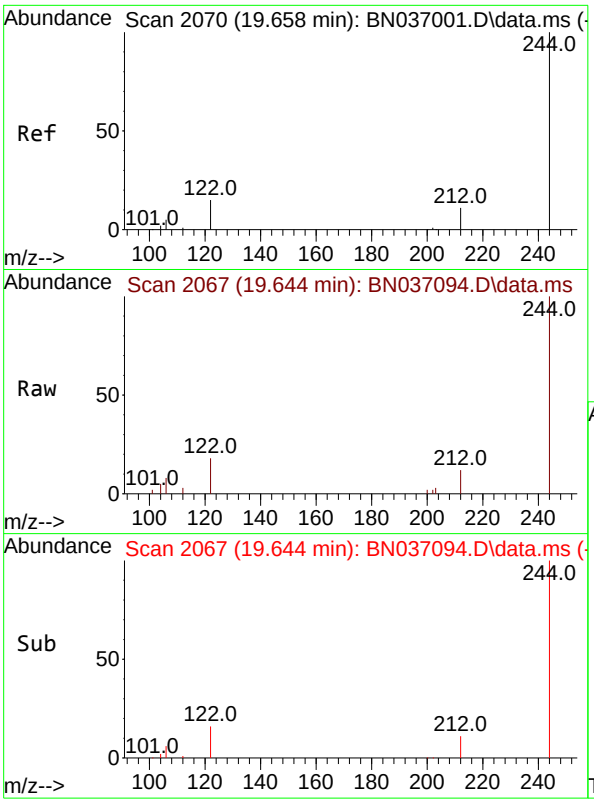




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

Tgt Ion:240 Resp: 2958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 16.2 | 15.1 | 22.7 |
| 236 | 30.1 | 24.0 | 36.0 |



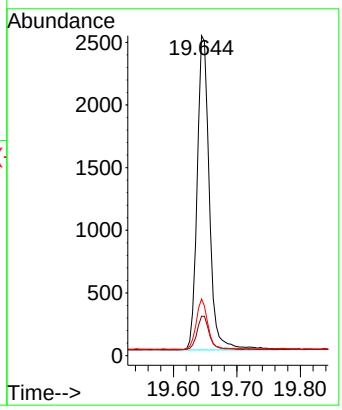


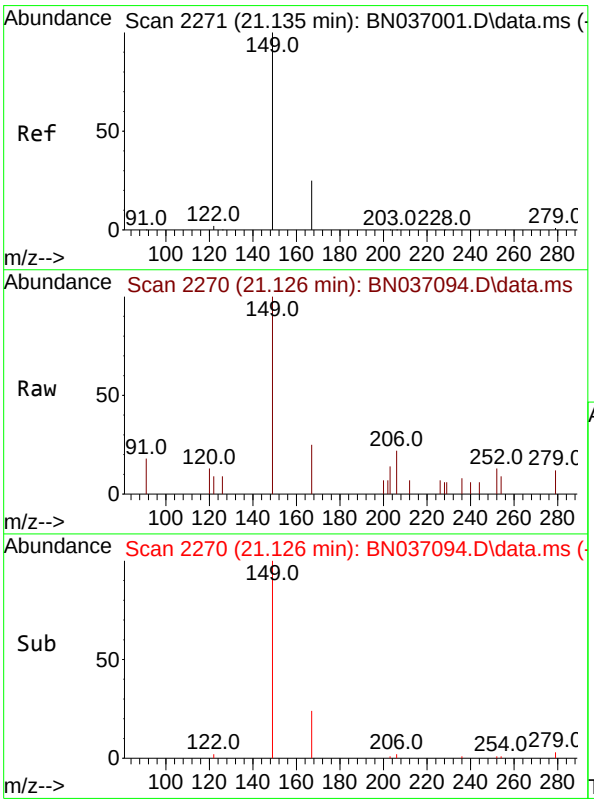

#31
Terphenyl-d14
Concen: 0.528 ng
RT: 19.644 min Scan# 2(
Delta R.T. -0.014 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:244 Resp: 3339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 12.3 | 9.7 | 14.5 |
| 122 | 17.7 | 13.4 | 20.0 |

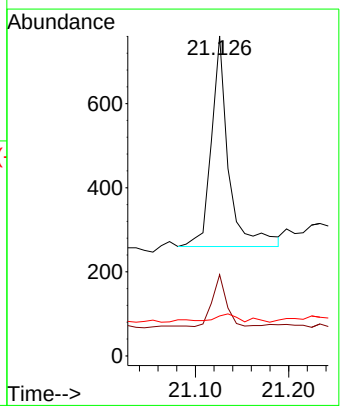


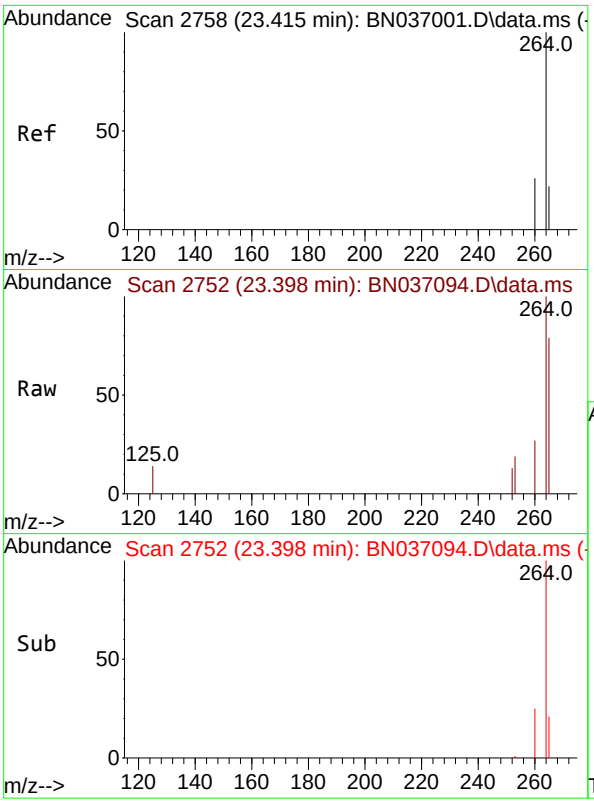




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.093 ng
RT: 21.126 min Scan# 2270
Delta R.T. -0.009 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

Tgt Ion:149 Resp: 639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 19.4 | 20.6 | 30.8# |
| 279 | 5.8 | 2.6 | 3.8# |






#35
Perylene-d12
Concen: 0.400 ng
RT: 23.398 min Scan# 2
Delta R.T. -0.017 min
Lab File: BN037094.D
Acq: 27 May 2025 19:24

**Instrument :**
BNA_N
**ClientSampleId :**
BP-VPB-182-GW-460-462

Tgt Ion:264 Resp: 2716

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.4 | 21.9 | 32.9 |
| 265 | 79.4 | 51.6 | 77.4# |