Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051325\
Data File : BN036993.D
Acq On : 13 May 2025 12:27
Operator : RC/JU
Sample : PB167915BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Quant Time: May 13 12:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 12 18:05:36 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.618 | 152 | 1625 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.404 | 136 | 3921 | 0.400 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.267 | 164 | 2040 | 0.400 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.021 | 188 | 4350 | 0.400 | ng | # 0.01 |
| 29) Chrysene-d12 | 21.207 | 240 | 3791 | 0.400 | ng | 0.00 |
| 35) Perylene-d12 | 23.410 | 264 | 3676 | 0.400 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.213 | 112 | 1425 | 0.340 | ng | 0.00 |
| 5) Phenol-d6 | 6.802 | 99 | 1574 | 0.310 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.771 | 82 | 1329 | 0.322 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.001 | 152 | 1737 | 0.315 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.767 | 330 | 221 | 0.236 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 12.894 | 172 | 3297 | 0.346 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.049 | 212 | 4060 | 0.344 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.658 | 244 | 2908 | 0.339 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051325\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Quant Time: May 13 12:55:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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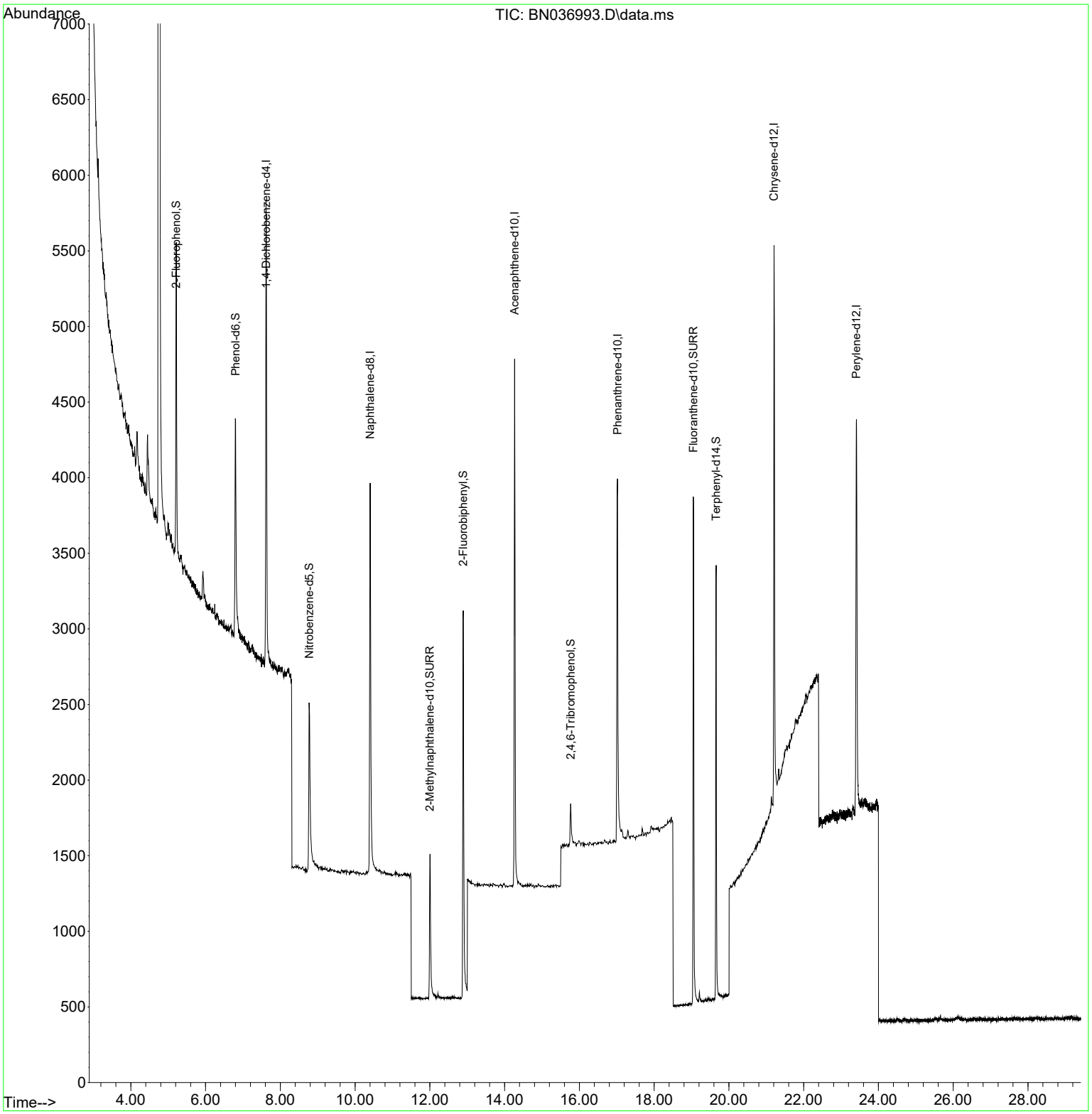
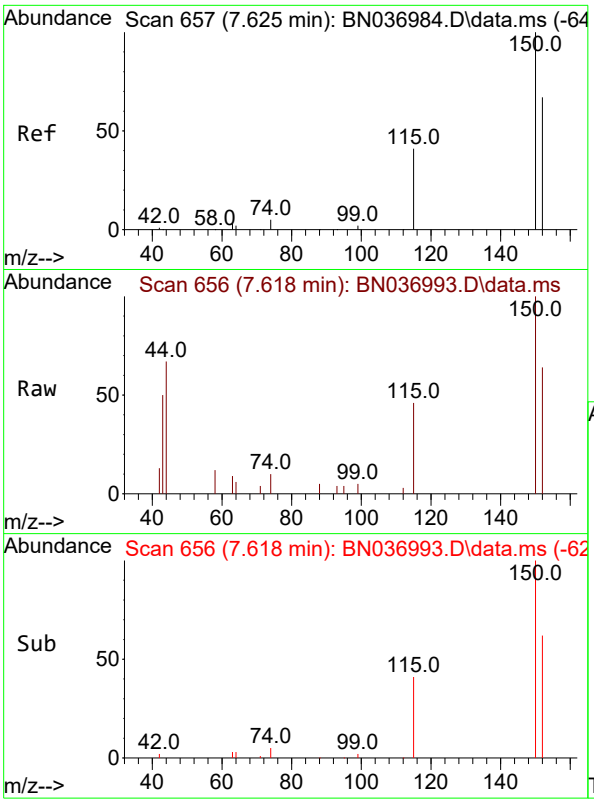


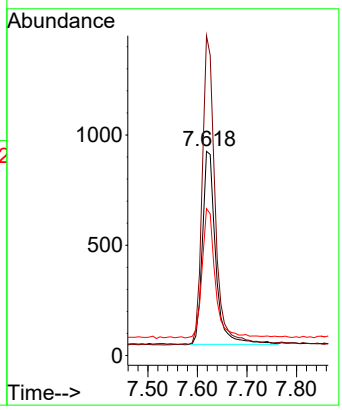


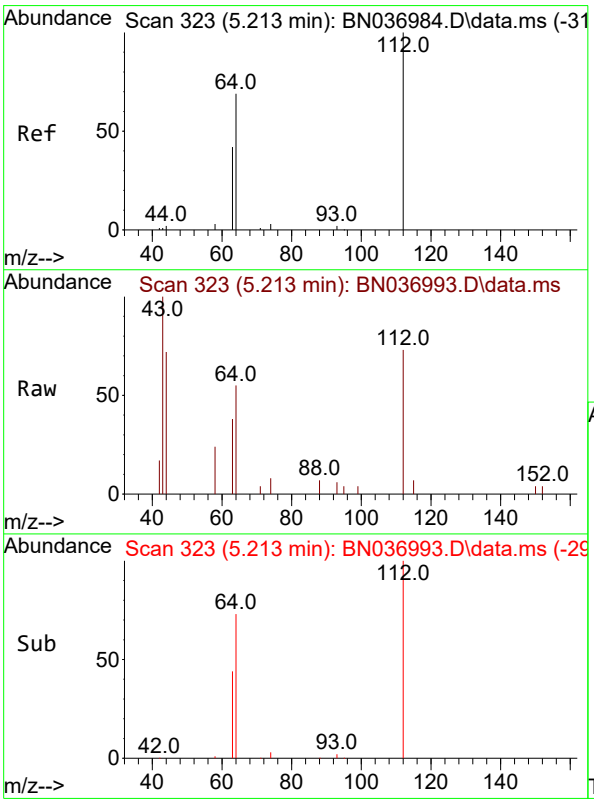

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.618 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Tgt Ion:152 Resp: 1625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.6 | 118.2 | 177.4 |
| 115 | 71.9 | 52.5 | 78.7 |

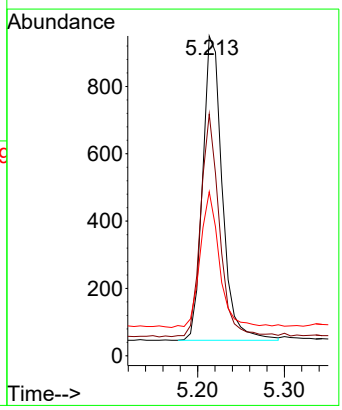


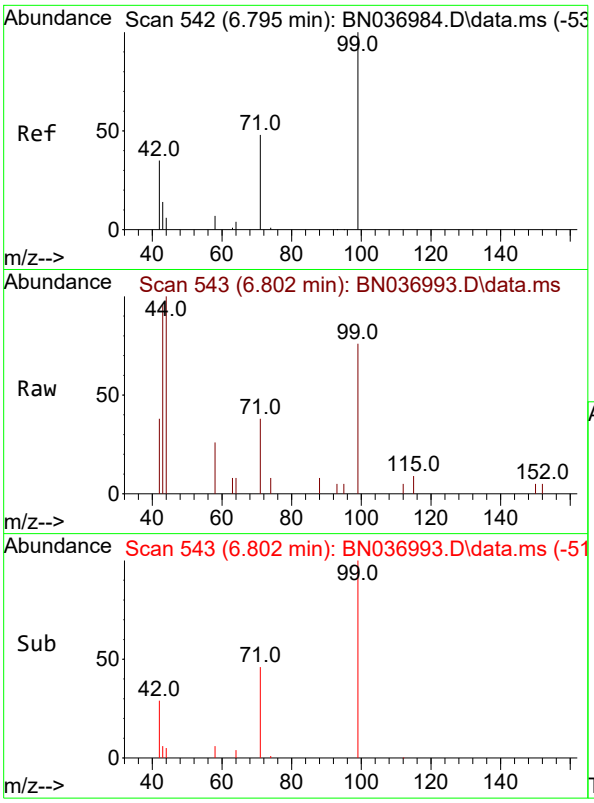




#4
2-Fluorophenol
Concen: 0.340 ng
RT: 5.213 min Scan# 323
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

Tgt Ion:112 Resp: 1425

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.2 | 56.2 | 84.2 |
| 63 | 44.1 | 34.3 | 51.5 |



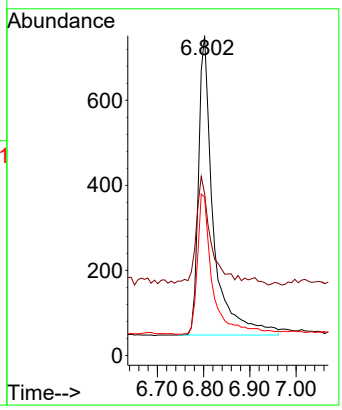


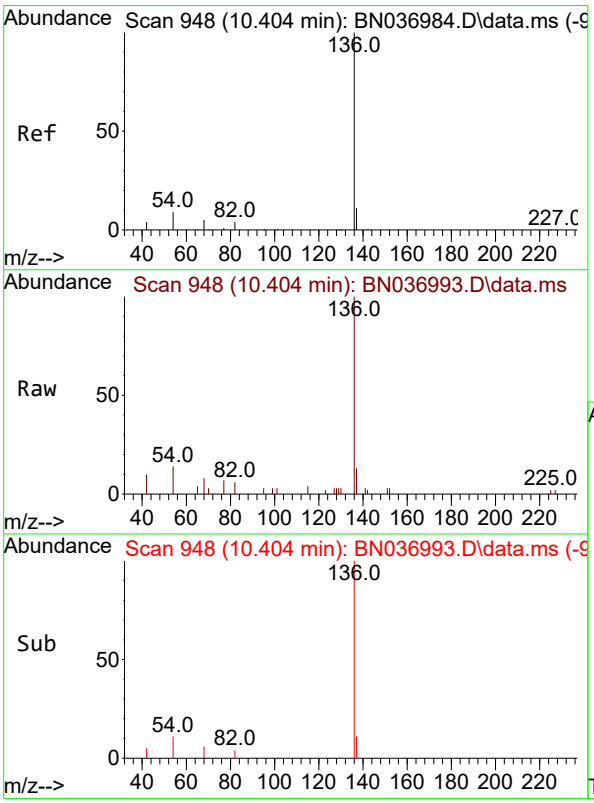

#5
Phenol-d6
Concen: 0.310 ng
RT: 6.802 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Tgt Ion: 99 Resp: 1574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 34.7 | 29.0 | 43.6 |
| 71 | 47.5 | 36.2 | 54.2 |

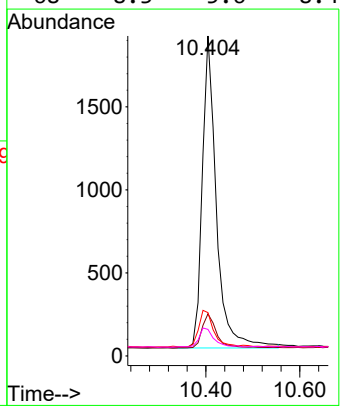


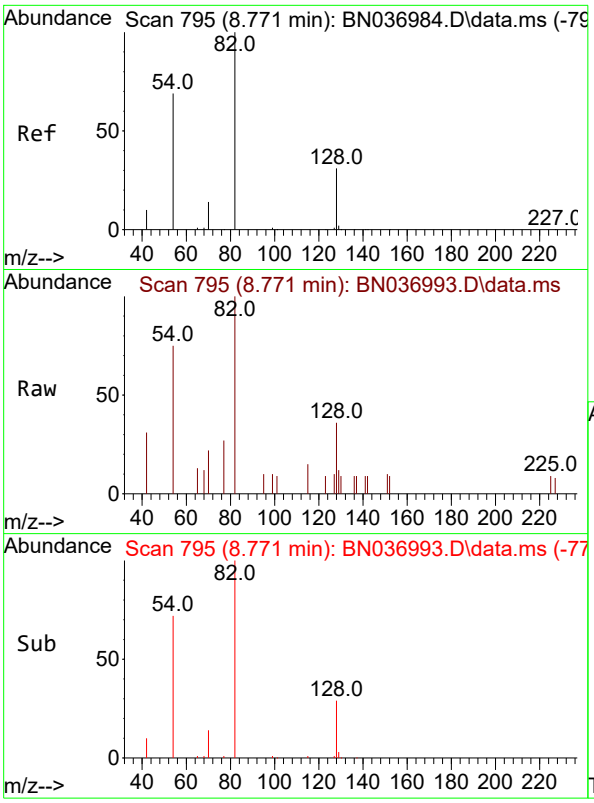




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.404 min Scan# 948
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

Tgt Ion:136 Resp: 3921

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.1 | 10.3 | 15.5 |
| 54 | 13.5 | 9.2 | 13.8 |
| 68 | 8.3 | 5.6 | 8.4 |



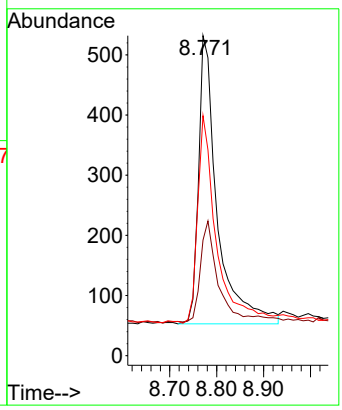


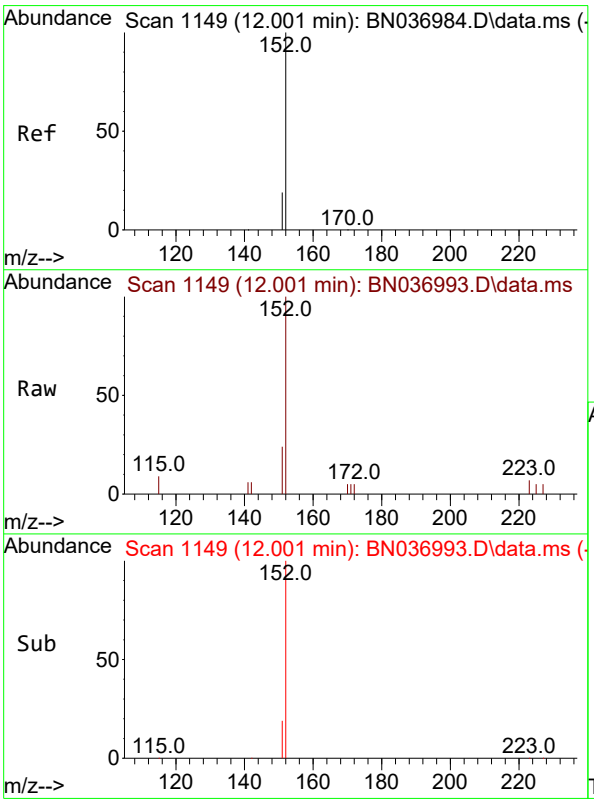

#8
Nitrobenzene-d5
Concen: 0.322 ng
RT: 8.771 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Tgt Ion: 82 Resp: 1329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.1 | 28.1 | 42.1 |
| 54 | 75.0 | 56.4 | 84.6 |

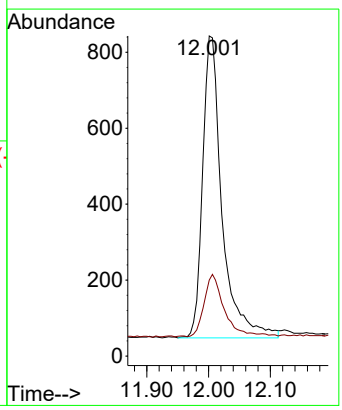


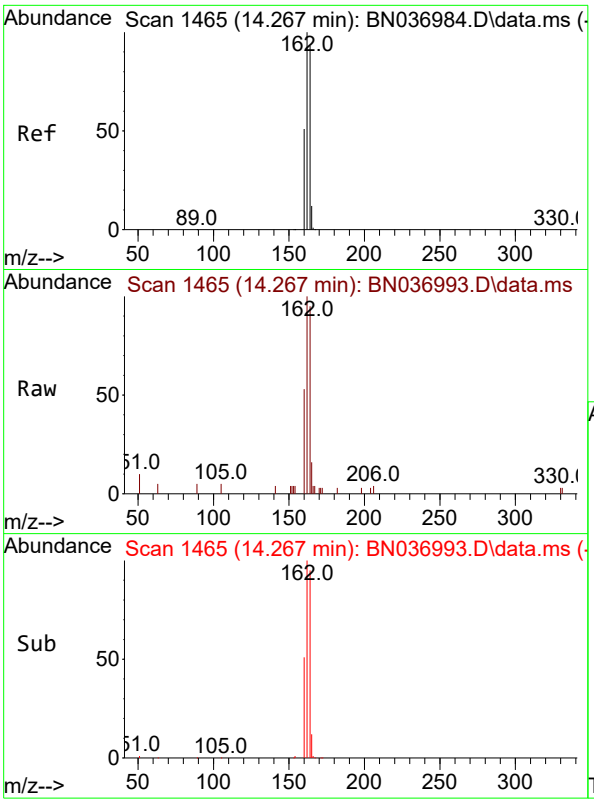




#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.001 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

Tgt Ion:152 Resp: 1737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 21.6 | 17.4 | 26.2 |



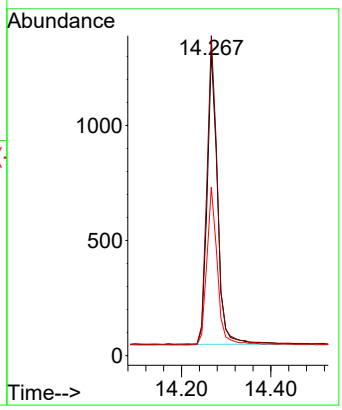


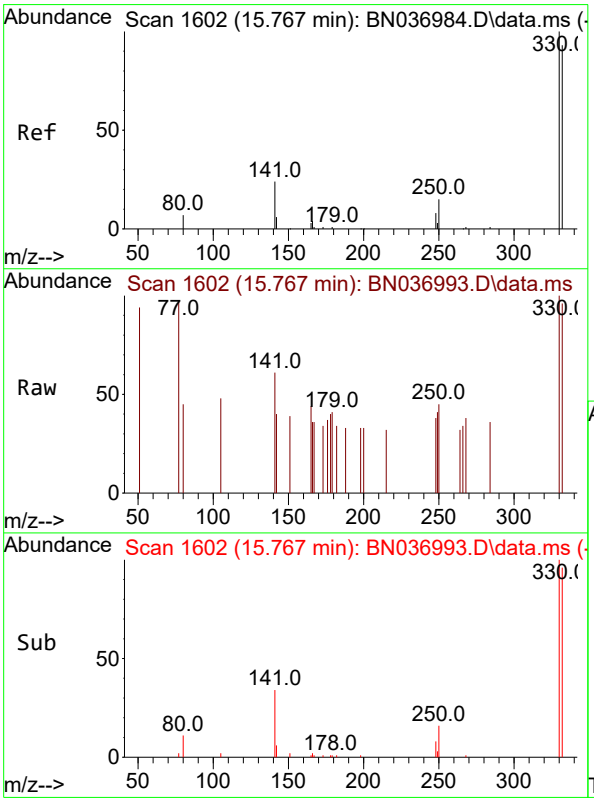

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.267 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Tgt Ion:164 Resp: 2040

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.5 | 86.1 | 129.1 |
| 160 | 55.5 | 44.6 | 67.0 |

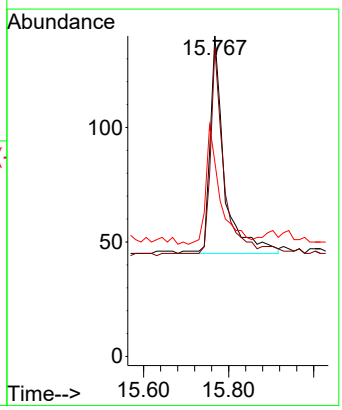


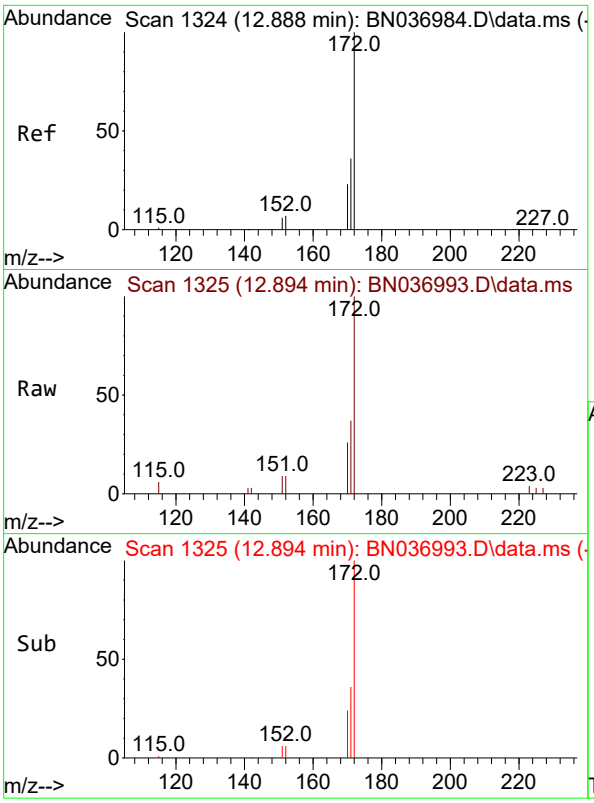




#14
2,4,6-Tribromophenol
Concen: 0.236 ng
RT: 15.767 min Scan# 1602
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

Tgt Ion:330 Resp: 221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 85.5 | 75.6 | 113.4 |
| 141 | 54.3 | 47.4 | 71.2 |



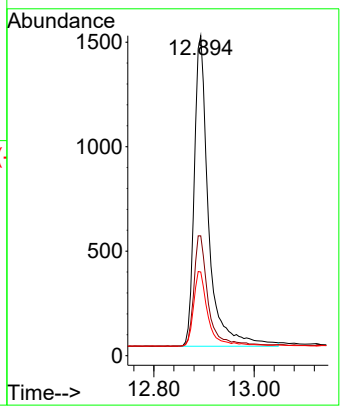


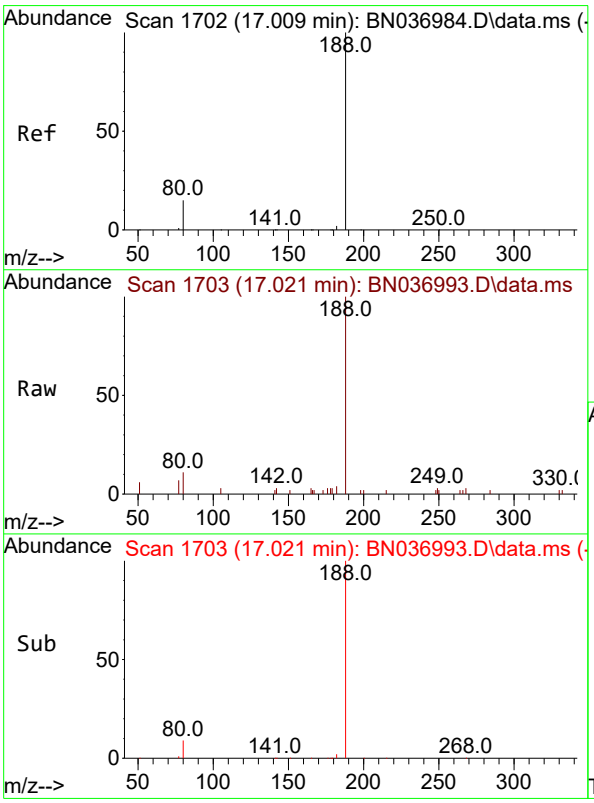

#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 12.894 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Tgt Ion:172 Resp: 3297

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.4 | 29.4 | 44.2 |
| 170 | 26.1 | 19.4 | 29.0 |

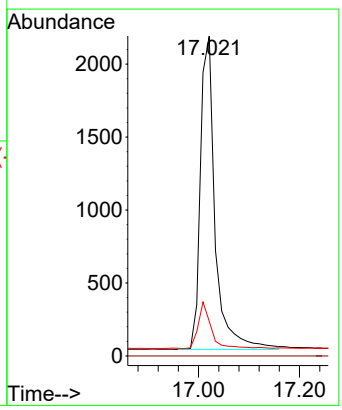


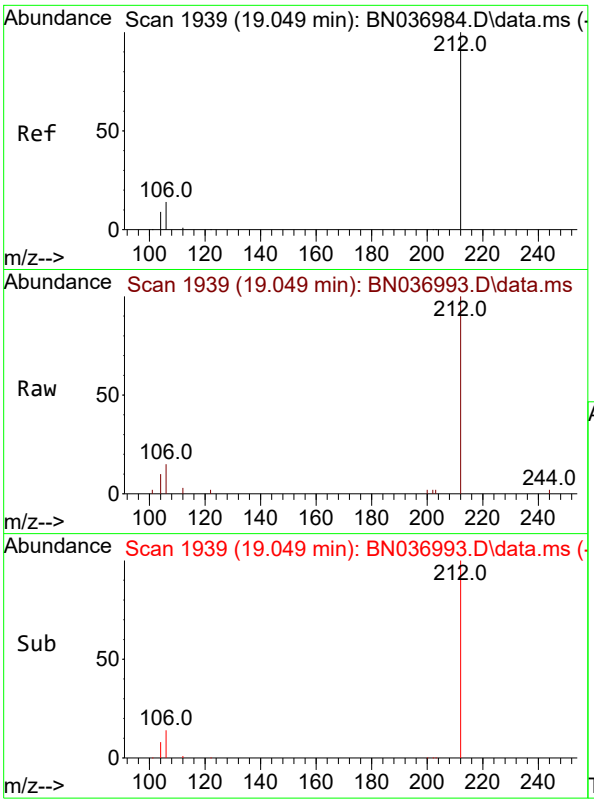




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. 0.013 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

Tgt Ion:188 Resp: 4350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 10.9 | 13.4 | 20.0# |



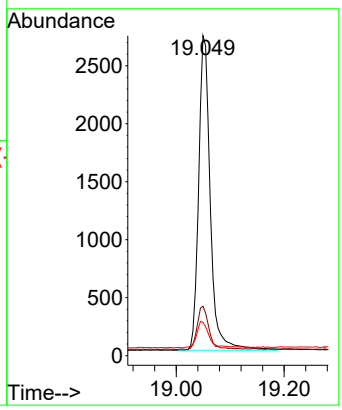


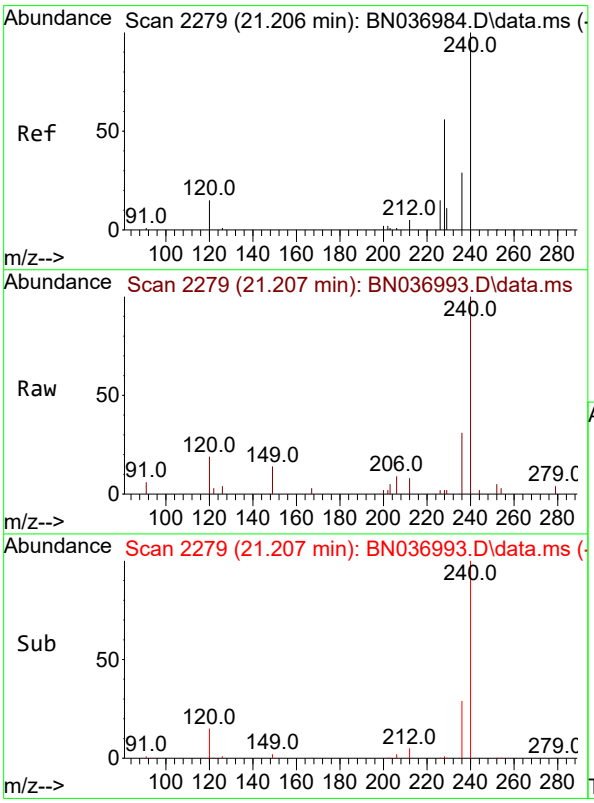

#27
Fluoranthene-d10
Concen: 0.344 ng
RT: 19.049 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Tgt Ion:212 Resp: 4060

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 13.8 | 11.3 | 16.9 |
| 104 | 8.6 | 7.0 | 10.4 |

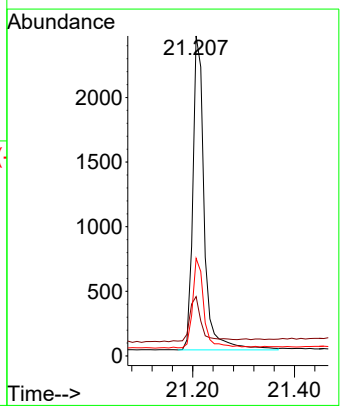


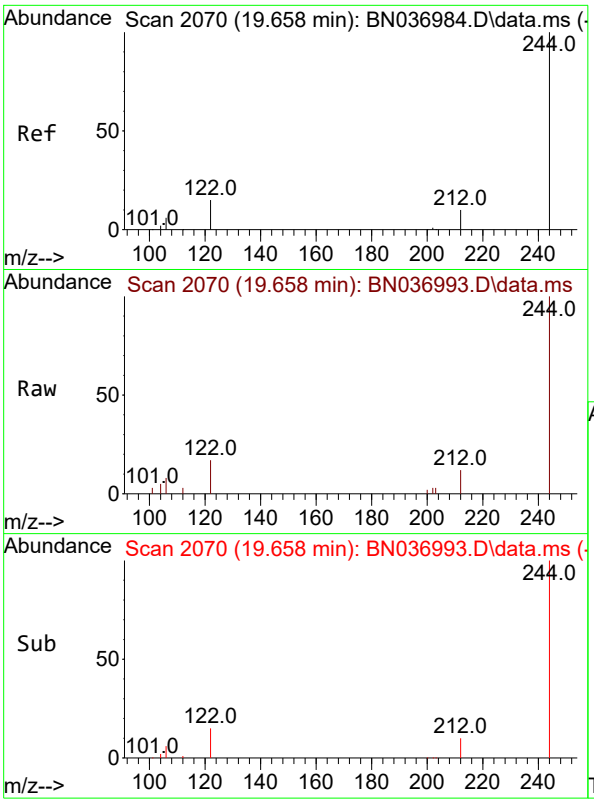




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.207 min Scan# 2279
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

Tgt Ion:240 Resp: 3791

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 18.5 | 14.5 | 21.7 |
| 236 | 30.5 | 24.3 | 36.5 |



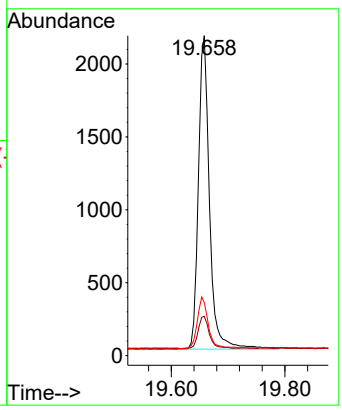


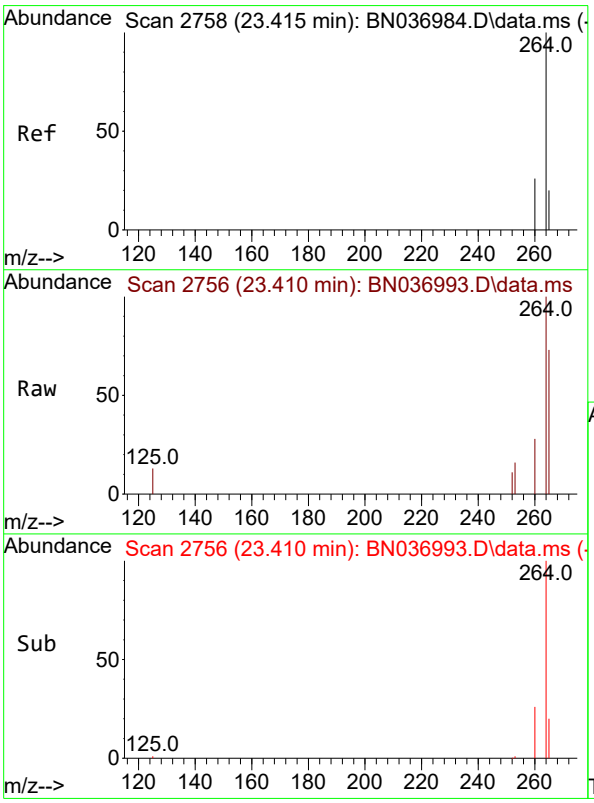

#31
Terphenyl-d14
Concen: 0.339 ng
RT: 19.658 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

**Instrument :**
BNA_N
**ClientSampleId :**
PB167915BL

Tgt Ion:244 Resp: 2908

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 12.3 | 9.5 | 14.3 |
| 122 | 16.6 | 13.4 | 20.0 |




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.410 min Scan# 2756
Delta R.T. -0.006 min
Lab File: BN036993.D
Acq: 13 May 2025 12:27

Tgt Ion:264 Resp: 3676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 28.1 | 22.3 | 33.5 |
| 265 | 72.7 | 55.4 | 83.0 |