Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025892.D
Acq On : 16 Jun 2023 23:58
Operator : MA/JU
Sample : PB153492BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 17 02:36:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.012 | 152 | 4090 | 0.400 | ng | 0.01 |
| 7) Naphthalene-d8 | 10.835 | 136 | 10039 | 0.400 | ng | # 0.02 |
| 13) Acenaphthene-d10 | 14.641 | 164 | 5374 | 0.400 | ng | 0.01 |
| 19) Phenanthrene-d10 | 17.406 | 188 | 9676 | 0.400 | ng | 0.02 |
| 29) Chrysene-d12 | 21.578 | 240 | 7756 | 0.400 | ng | 0.02 |
| 35) Perylene-d12 | 24.051 | 264 | 8121 | 0.400 | ng | # 0.01 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.557 | 112 | 3376 | 0.294 | ng | 0.01 |
| 5) Phenol-d6 | 7.189 | 99 | 2620 | 0.186 | ng | 0.04 |
| 8) Nitrobenzene-d5 | 9.212 | 82 | 2212 | 0.237 | ng | 0.04 |
| 11) 2-Methylnaphthalene-d10 | 12.430 | 152 | 4796 | 0.332 | ng | 0.03 |
| 14) 2,4,6-Tribromophenol | 16.164 | 330 | 350m | 0.211 | ng | 0.04 |
| 15) 2-Fluorobiphenyl | 13.283 | 172 | 6979m | 0.307 | ng | 0.02 |
| 27) Fluoranthene-d10 | 19.416 | 212 | 9123 | 0.458 | ng | 0.00 |
| 31) Terphenyl-d14 | 20.002 | 244 | 6255 | 0.332 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

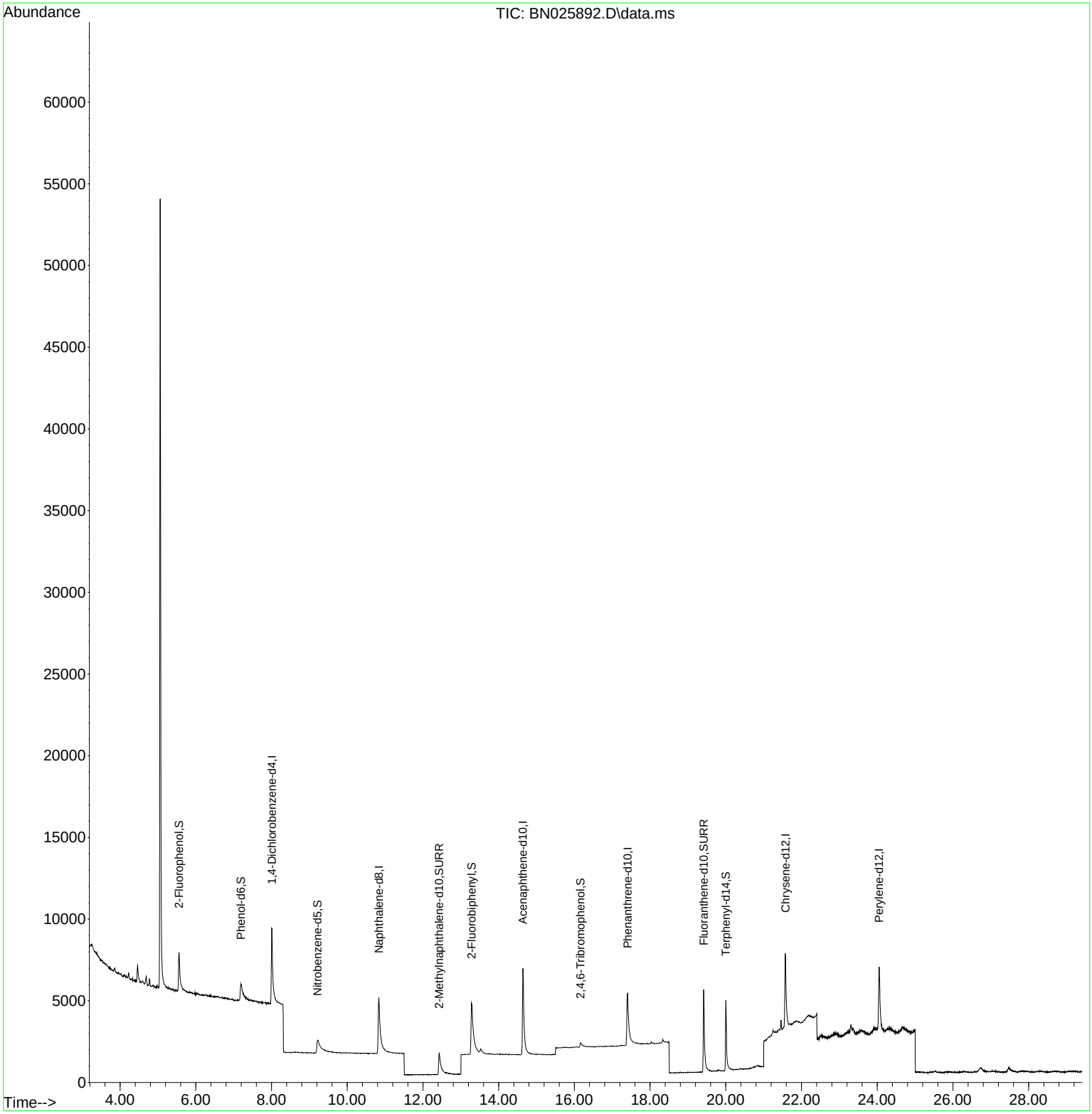
(#) = qualifier out of range (m) = manual integration (+) = signals summed

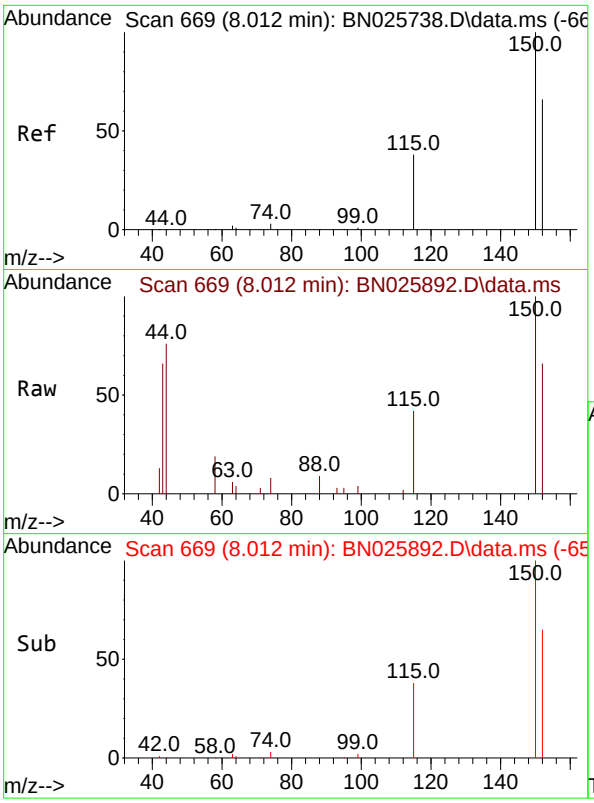
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061623\
Data File : BN025892.D
Acq On : 16 Jun 2023 23:58
Operator : MA/JU
Sample : PB153492BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 17 02:36:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration



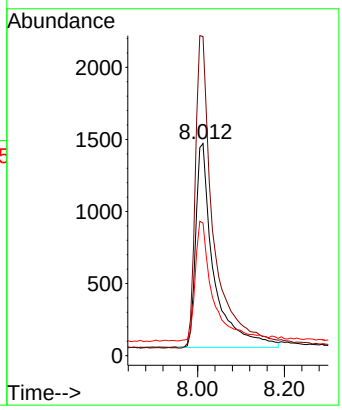


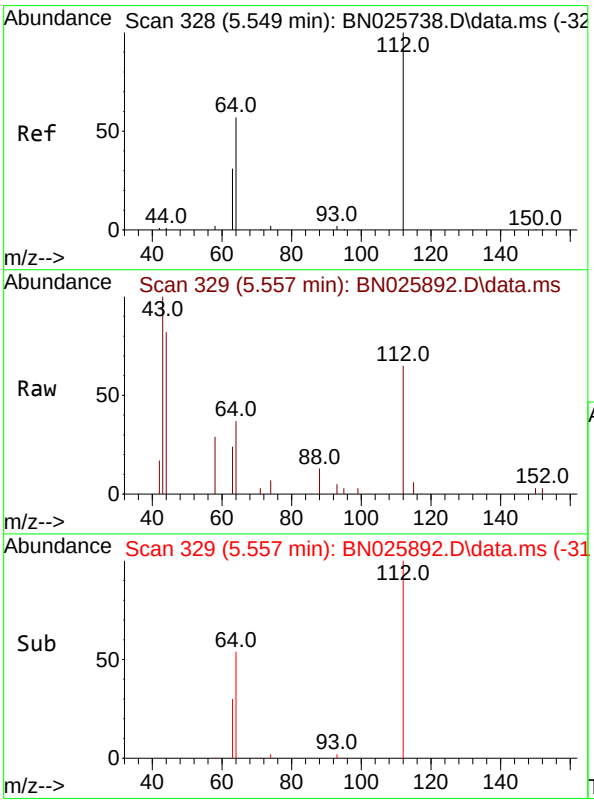

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.012 min Scan# 6
Delta R.T. 0.014 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

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

Tgt Ion:152 Resp: 4090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 150.5 | 121.5 | 182.3 |
| 115 | 62.5 | 47.7 | 71.5 |

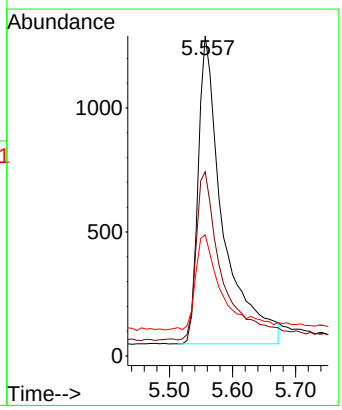


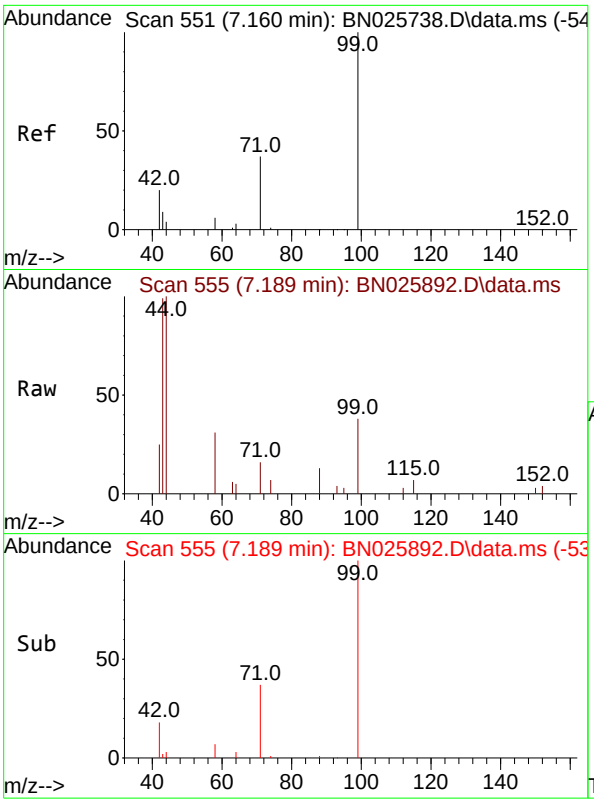




#4
2-Fluorophenol
Concen: 0.294 ng
RT: 5.557 min Scan# 329
Delta R.T. 0.014 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

Tgt Ion:112 Resp: 3376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.8 | 47.5 | 71.3 |
| 63 | 32.4 | 26.2 | 39.4 |



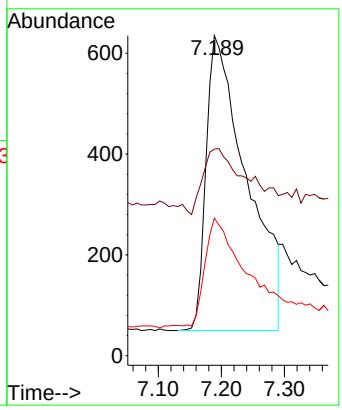


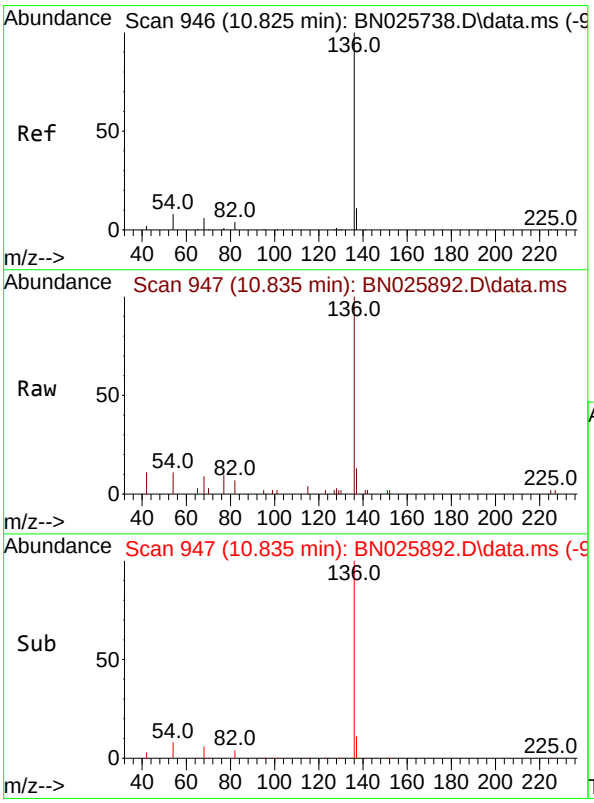

#5
Phenol-d6
Concen: 0.186 ng
RT: 7.189 min Scan# 5
Delta R.T. 0.036 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

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

Tgt Ion: 99 Resp: 2620

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 24.8 | 18.6 | 28.0 |
| 71 | 36.5 | 30.5 | 45.7 |

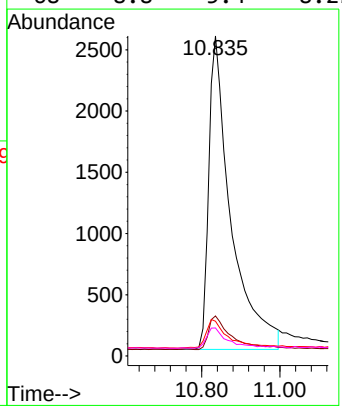


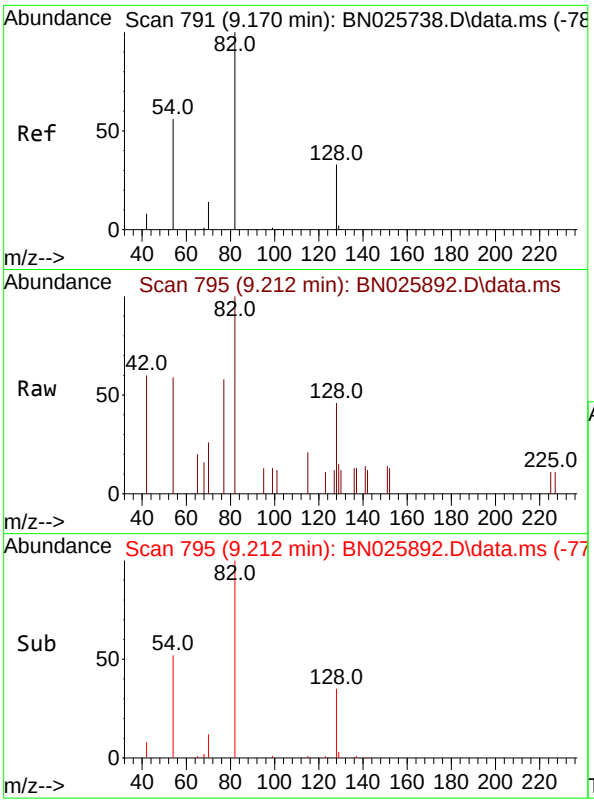




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 947
Delta R.T. 0.021 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

Tgt Ion:136 Resp: 10039

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.5 | 9.3 | 13.9 |
| 54 | 10.9 | 7.2 | 10.8# |
| 68 | 8.8 | 5.4 | 8.2# |



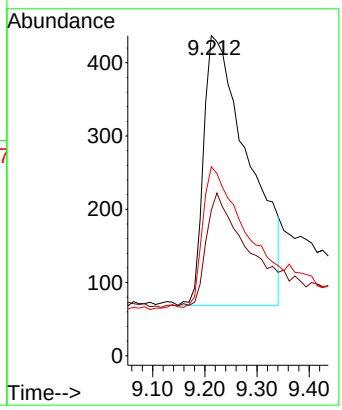


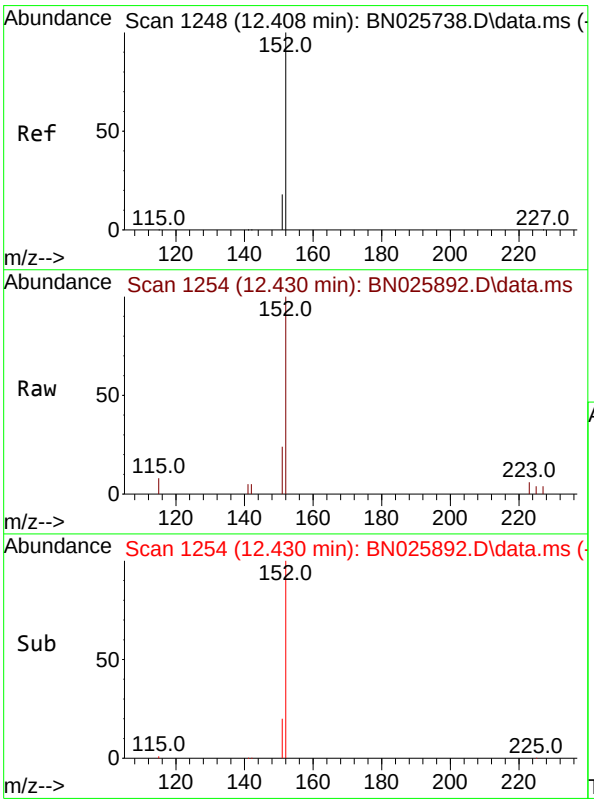

#8
Nitrobenzene-d5
Concen: 0.237 ng
RT: 9.212 min Scan# 7
Delta R.T. 0.043 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

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

Tgt Ion: 82 Resp: 2212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.5 | 27.6 | 41.4# |
| 54 | 59.0 | 45.7 | 68.5 |

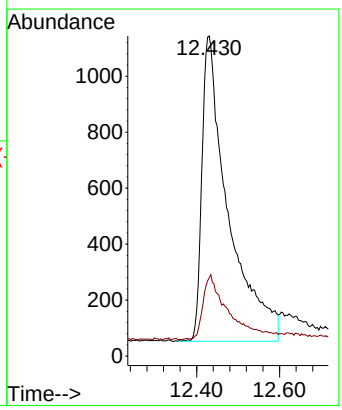


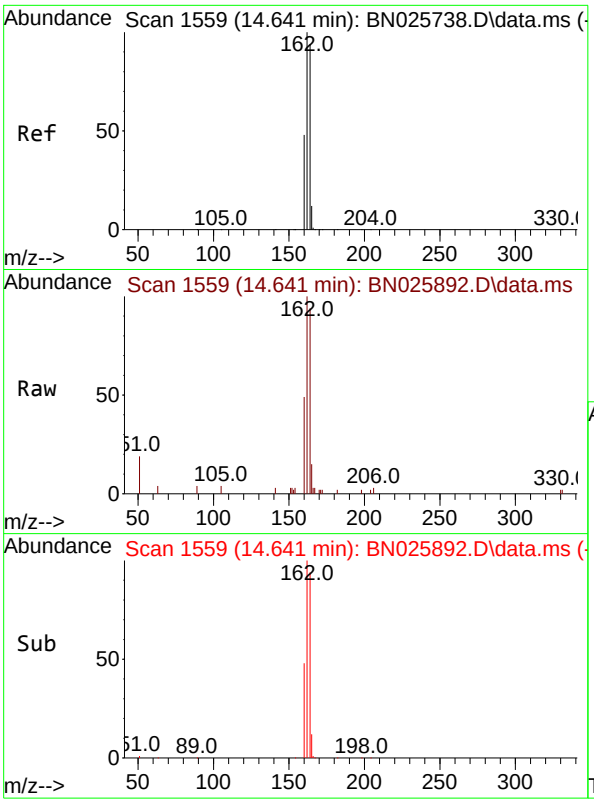




#11
2-Methylnaphthalene-d10
Concen: 0.332 ng
RT: 12.430 min Scan# 1254
Delta R.T. 0.034 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

Tgt Ion:152 Resp: 4796

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.4 | 16.4 | 24.6 |



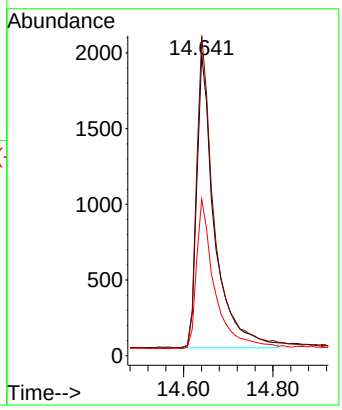


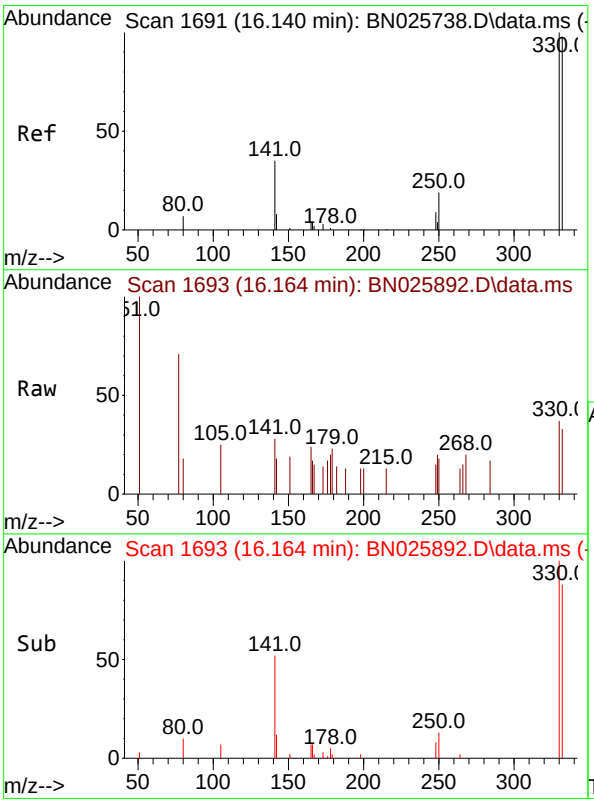

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.641 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

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

Tgt Ion:164 Resp: 5374

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.4 | 85.0 | 127.6 |
| 160 | 52.1 | 41.1 | 61.7 |

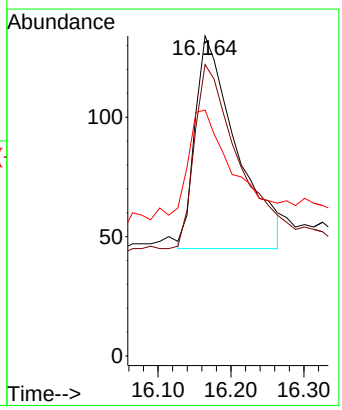


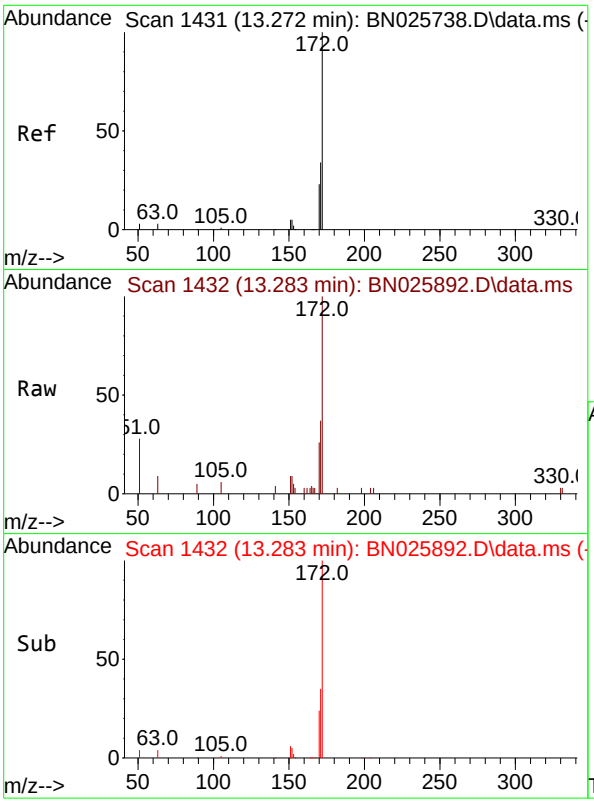




#14
2,4,6-Tribromophenol
Concen: 0.211 ng m
RT: 16.164 min Scan# 1693
Delta R.T. 0.037 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

Tgt Ion:330 Resp: 350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 85.1 | 77.3 | 115.9 |
| 141 | 53.1 | 55.0 | 82.6# |



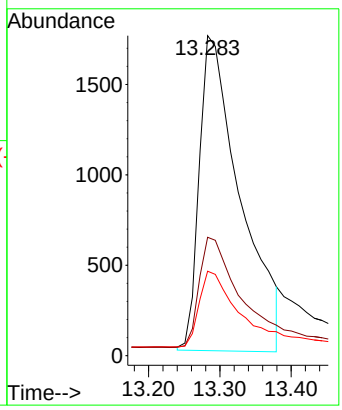


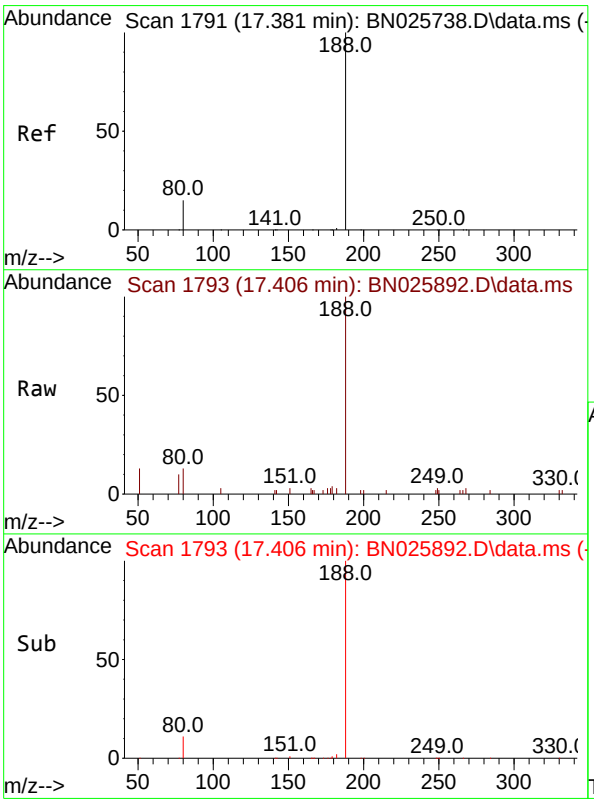

#15
2-Fluorobiphenyl
Concen: 0.307 ng m
RT: 13.283 min Scan# 14
Delta R.T. 0.021 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

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

Tgt Ion:172 Resp: 6979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.0 | 27.3 | 40.9 |
| 170 | 26.4 | 18.6 | 28.0 |

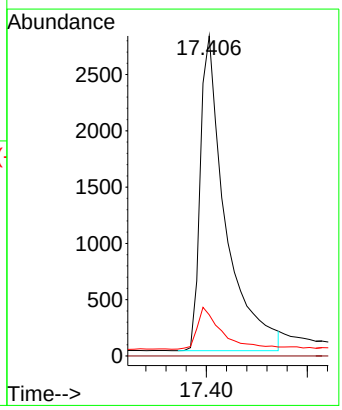


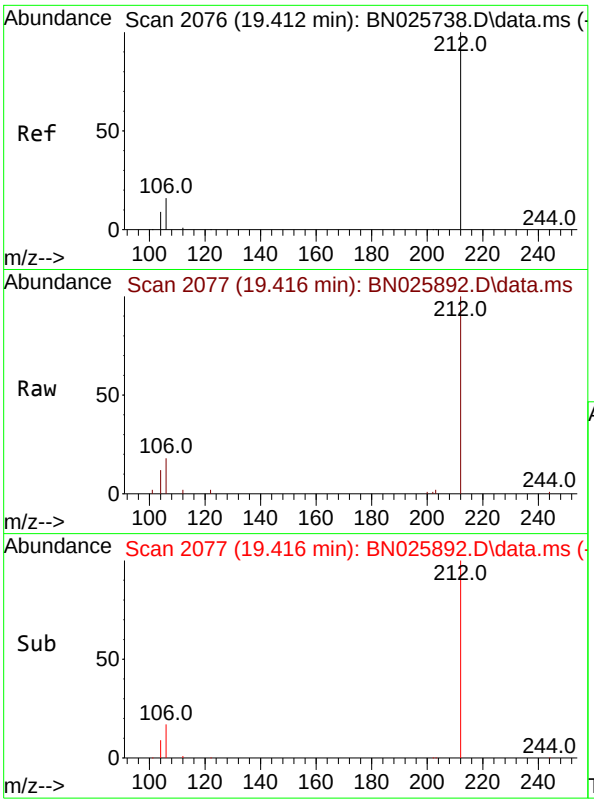




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.406 min Scan# 1793
Delta R.T. 0.025 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

Tgt Ion:188 Resp: 9676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 12.8 | 12.1 | 18.1 |



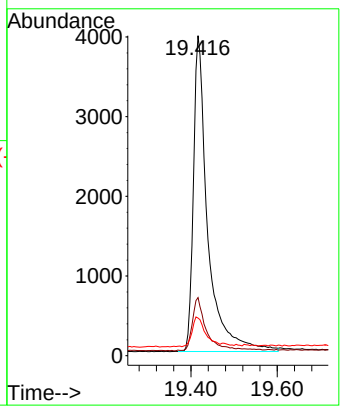


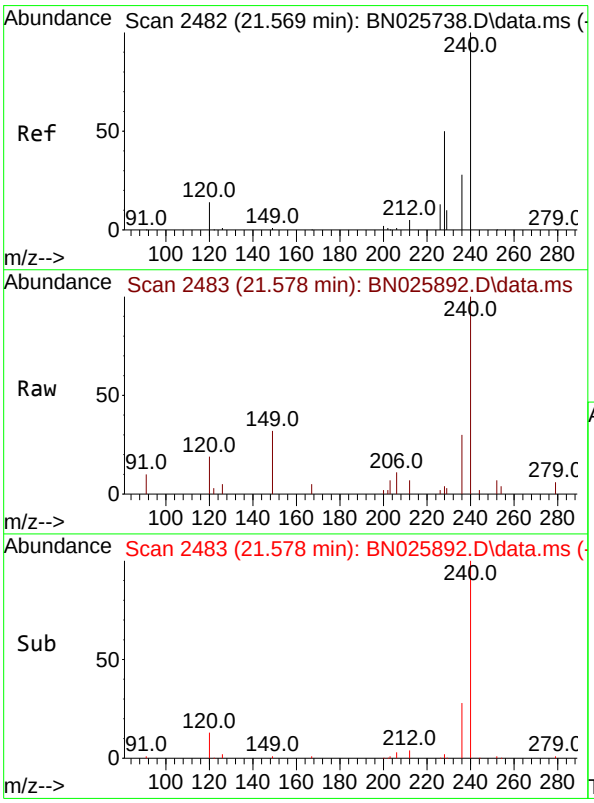

#27
Fluoranthene-d10
Concen: 0.458 ng
RT: 19.416 min Scan# 2
Delta R.T. 0.009 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

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

Tgt Ion:212 Resp: 9123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 15.5 | 13.0 | 19.6 |
| 104 | 8.9 | 7.7 | 11.5 |

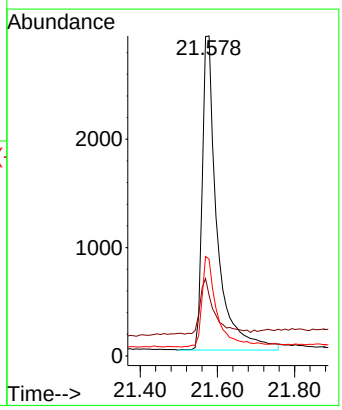


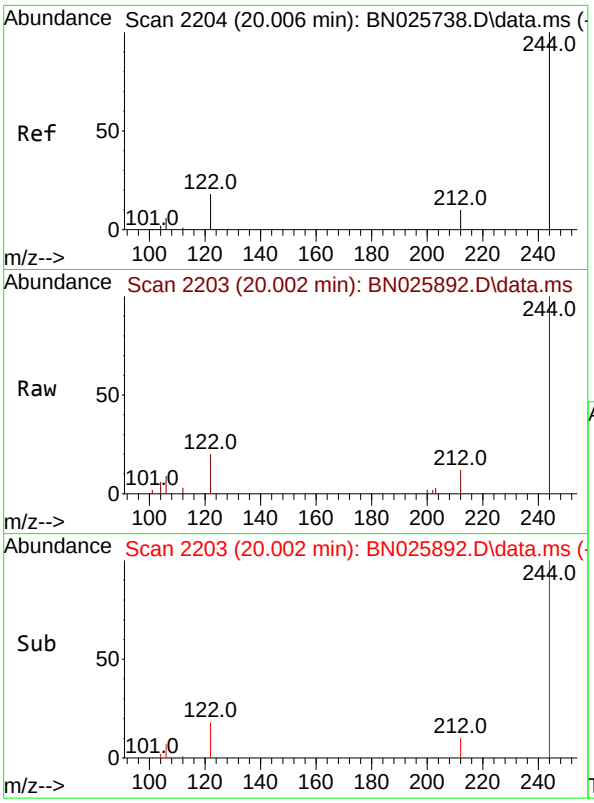




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.578 min Scan# 2483
Delta R.T. 0.018 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

Tgt Ion:240 Resp: 7756

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 18.9 | 13.2 | 19.8 |
| 236 | 30.2 | 23.1 | 34.7 |



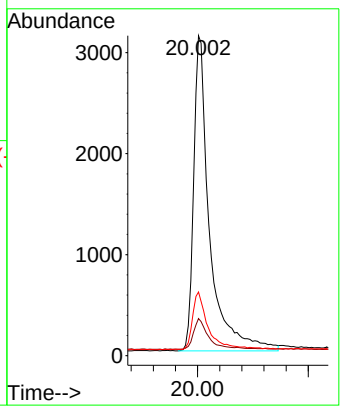


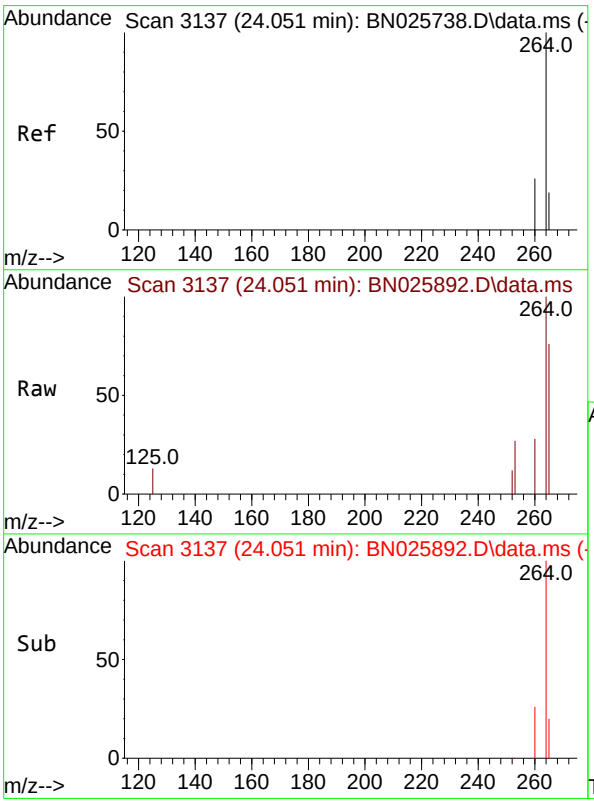

#31
Terphenyl-d14
Concen: 0.332 ng
RT: 20.002 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

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

Tgt Ion:244 Resp: 6255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 11.6 | 8.6 | 12.8 |
| 122 | 19.9 | 15.2 | 22.8 |




#35
Perylene-d12
Concen: 0.400 ng
RT: 24.051 min Scan# 3137
Delta R.T. 0.012 min
Lab File: BN025892.D
Acq: 16 Jun 2023 23:58

Tgt Ion:264 Resp: 8121

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 27.6 | 21.4 | 32.2 |
| 265 | 75.7 | 44.7 | 67.1# |