Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035827.D
Acq On : 24 Dec 2024 18:29
Operator : RC/JU
Sample : P5376-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Quant Time: Dec 24 23:20:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.264 | 152 | 3265 | 0.400 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.009 | 136 | 7883 | 0.400 | ng | #-0.01 |
| 13) Acenaphthene-d10 | 13.924 | 164 | 4842 | 0.400 | ng | -0.01 |
| 19) Phenanthrene-d10 | 16.698 | 188 | 9395 | 0.400 | ng | # 0.00 |
| 29) Chrysene-d12 | 20.947 | 240 | 7091 | 0.400 | ng | # 0.00 |
| 35) Perylene-d12 | 23.032 | 264 | 6735 | 0.400 | ng | # 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 4.924 | 112 | 907 | 0.111 | ng | -0.01 |
| 5) Phenol-d6 | 6.484 | 99 | 487 | 0.050 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.408 | 82 | 2197 | 0.456 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.610 | 152 | 4487 | 0.364 | ng | -0.01 |
| 14) 2,4,6-Tribromophenol | 15.443 | 330 | 681 | 0.198 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 12.528 | 172 | 7221 | 0.395 | ng | -0.02 |
| 27) Fluoranthene-d10 | 18.747 | 212 | 10577 | 0.397 | ng | -0.01 |
| 31) Terphenyl-d14 | 19.379 | 244 | 7825 | 0.559 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.974 | 88 | 1019 | 0.326 | ng | # 95 |
| 3) n-Nitrosodimethylamine | 3.213 | 42 | 132 | 0.051 | ng | # 1 |
| 34) Bis(2-ethylhexyl)phtha... | 20.893 | 149 | 896 | 0.091 | ng | # 98 |

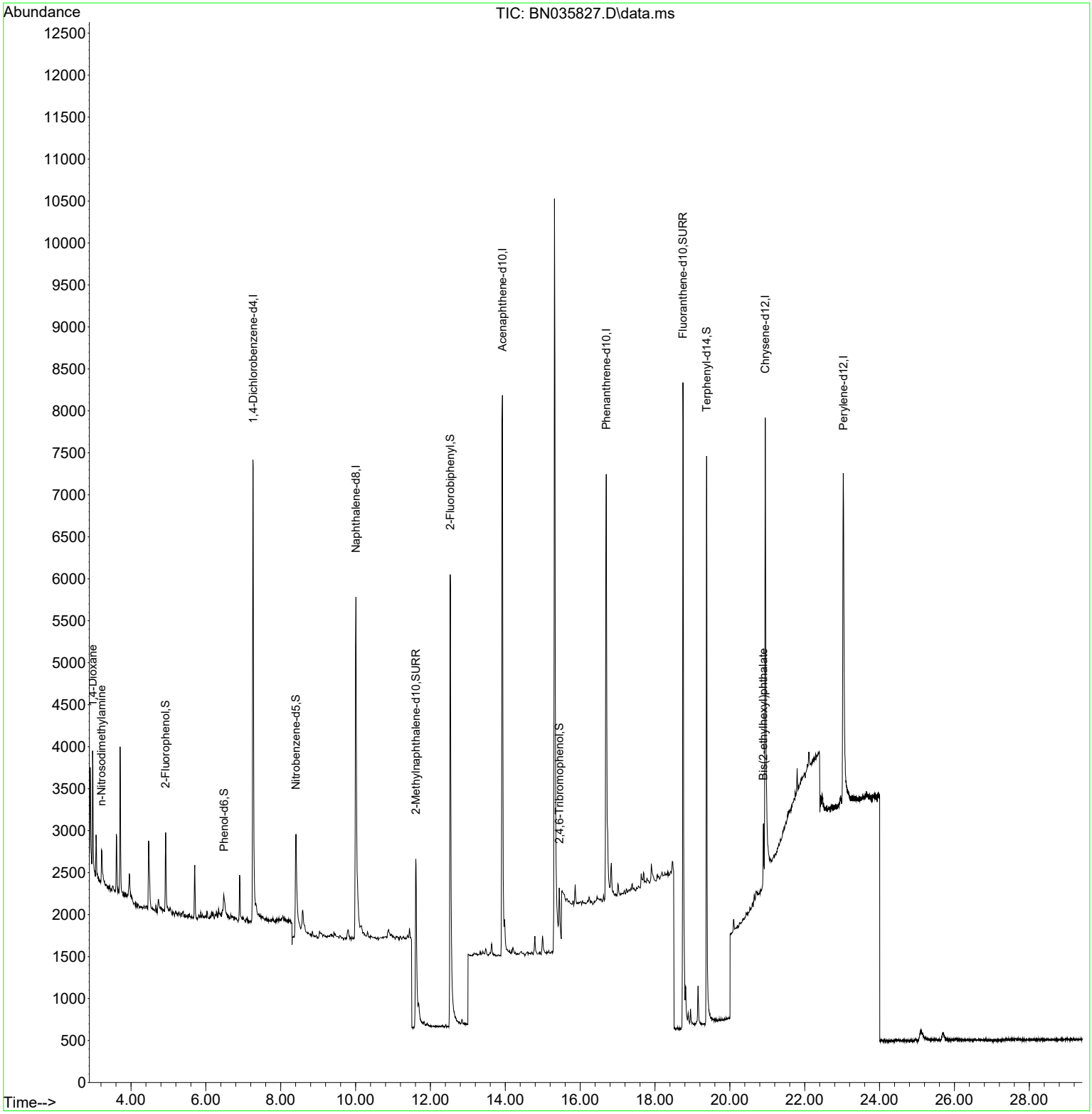
(#) = qualifier out of range (m) = manual integration (+) = signals summed

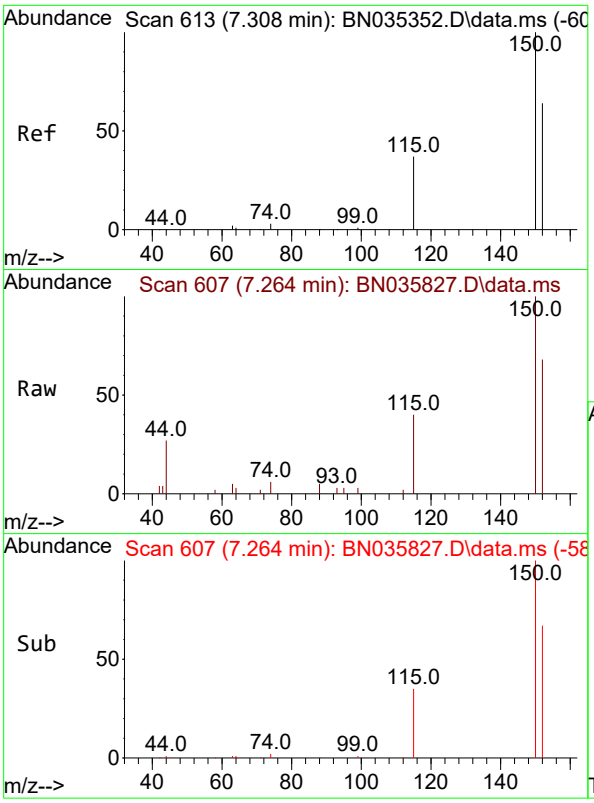
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035827.D
Acq On : 24 Dec 2024 18:29
Operator : RC/JU
Sample : P5376-14
Misc :
ALS Vial : 18 Sample Multiplier: 1

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Quant Time: Dec 24 23:20:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration



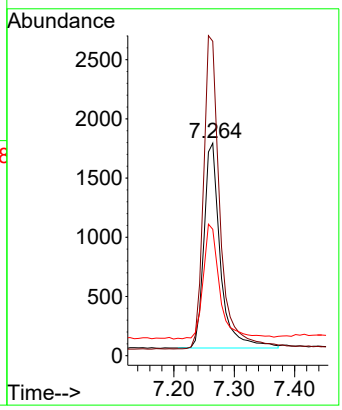


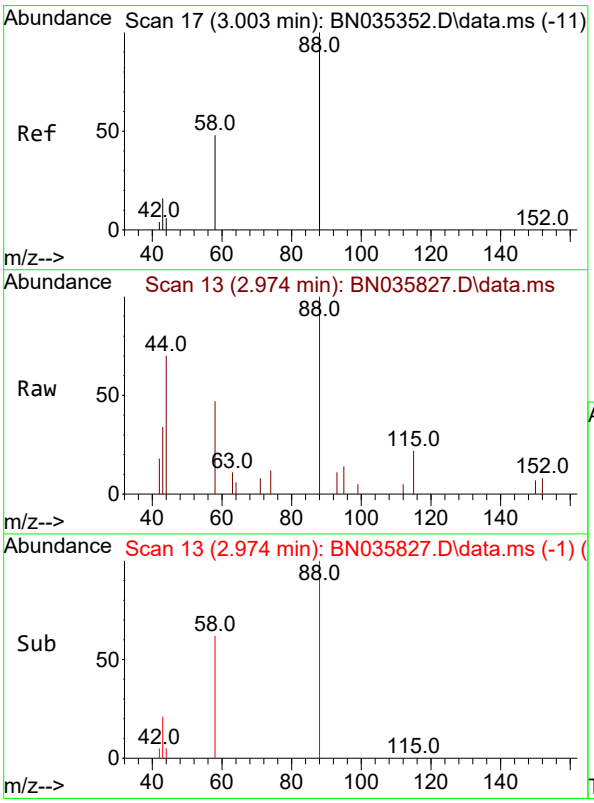

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion:152 Resp: 3265

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 148.0 | 124.0 | 186.0 |
| 115 | 59.5 | 49.6 | 74.4 |

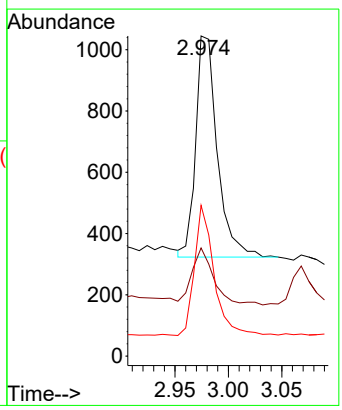


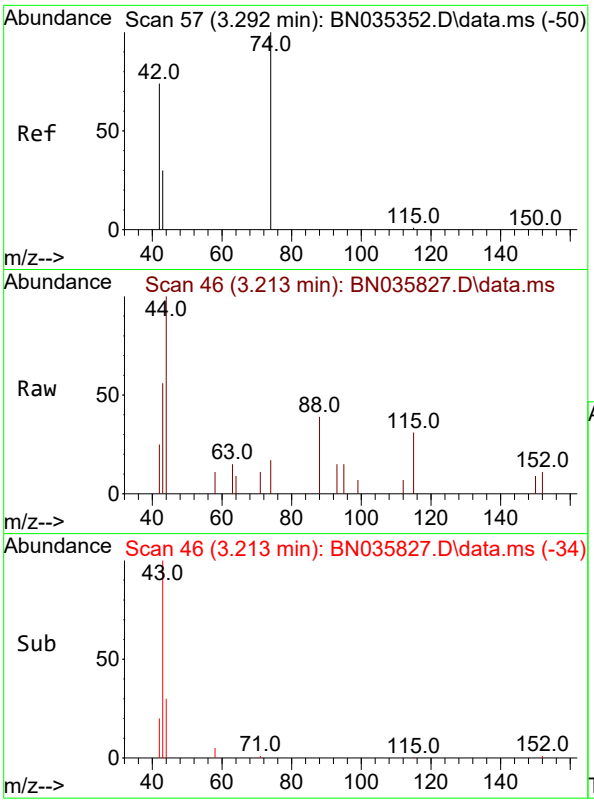




#2
1,4-Dioxane
Concen: 0.326 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion: 88 Resp: 1019

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 43 | 26.0 | 17.2 | 25.8# |
| 58 | 53.1 | 44.5 | 66.7 |



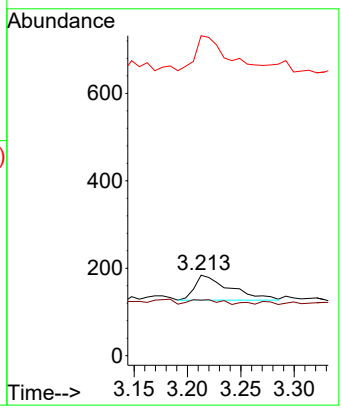


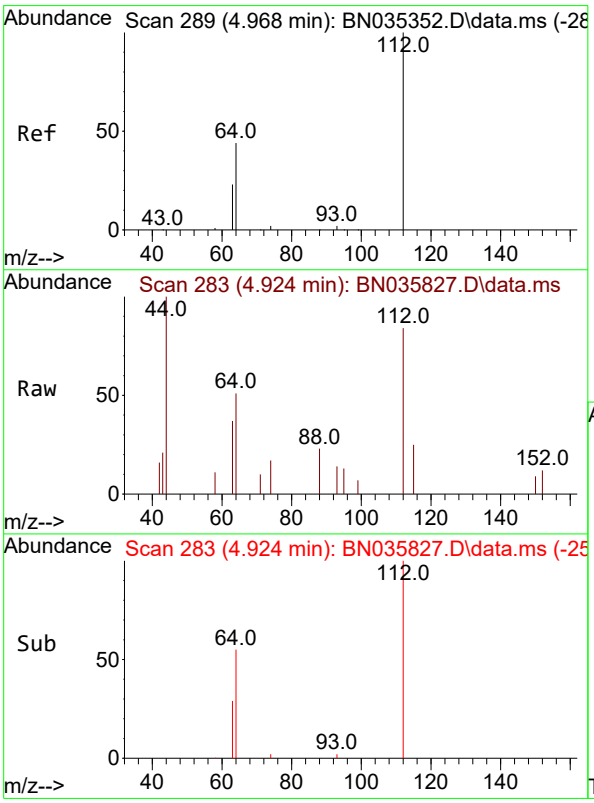

#3
n-Nitrosodimethylamine
Concen: 0.051 ng
RT: 3.213 min Scan# 4
Delta R.T. -0.065 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion: 42 Resp: 132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 15.2 | 124.9 | 187.3# |
| 44 | 120.5 | 2.2 | 3.4# |

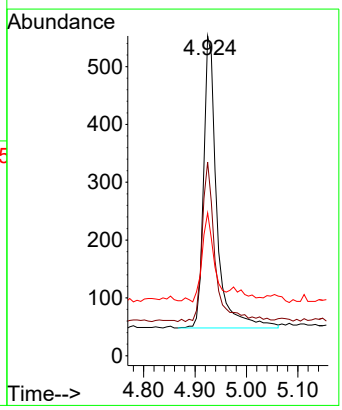


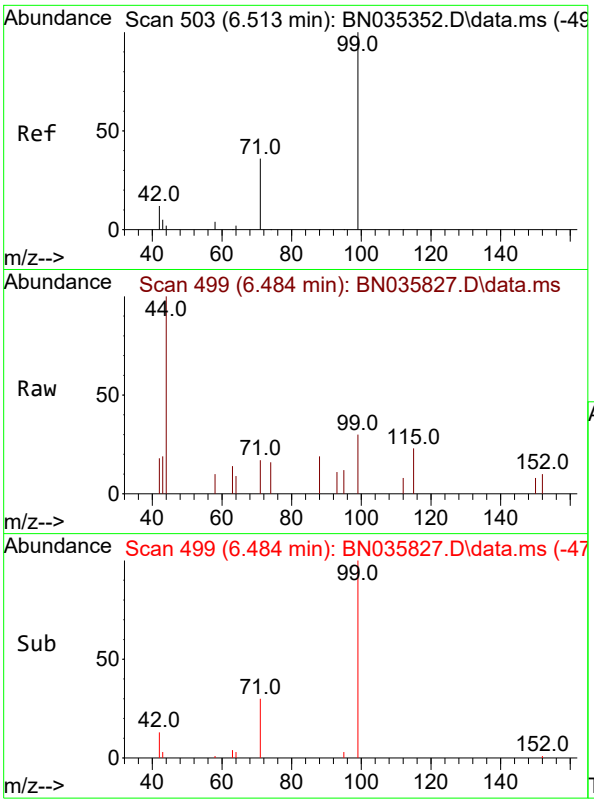




#4
2-Fluorophenol
Concen: 0.111 ng
RT: 4.924 min Scan# 283
Delta R.T. -0.015 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:112 Resp: 907

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.8 | 39.8 | 59.8 |
| 63 | 26.7 | 21.0 | 31.6 |



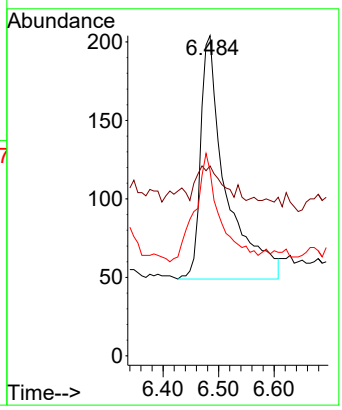


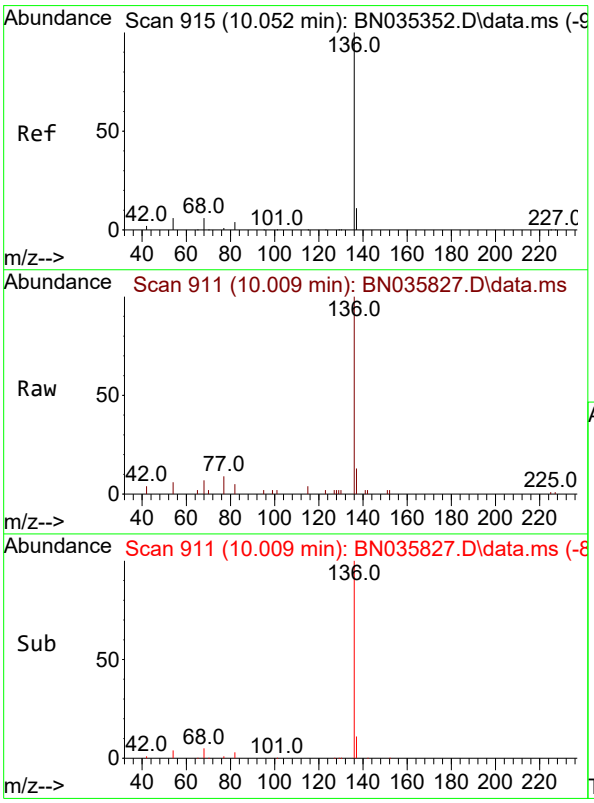

#5
Phenol-d6
Concen: 0.050 ng
RT: 6.484 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion: 99 Resp: 487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.3 | 11.4 | 17.2 |
| 71 | 44.6 | 29.3 | 43.9# |

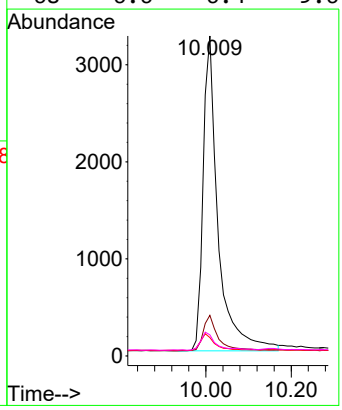


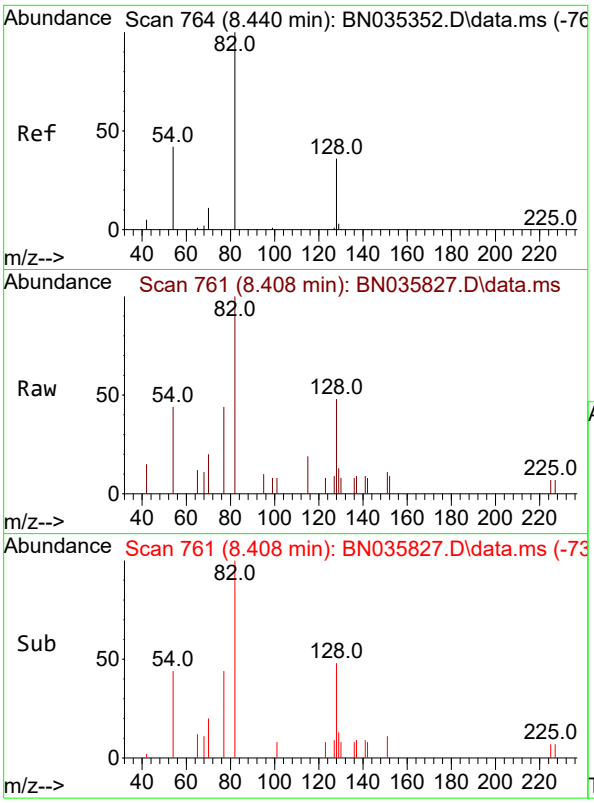




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 911
Delta R.T. -0.011 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:136 Resp: 7883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.7 | 10.2 | 15.2 |
| 54 | 5.7 | 6.1 | 9.1# |
| 68 | 6.6 | 6.4 | 9.6 |



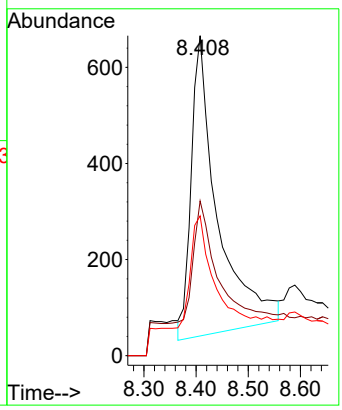


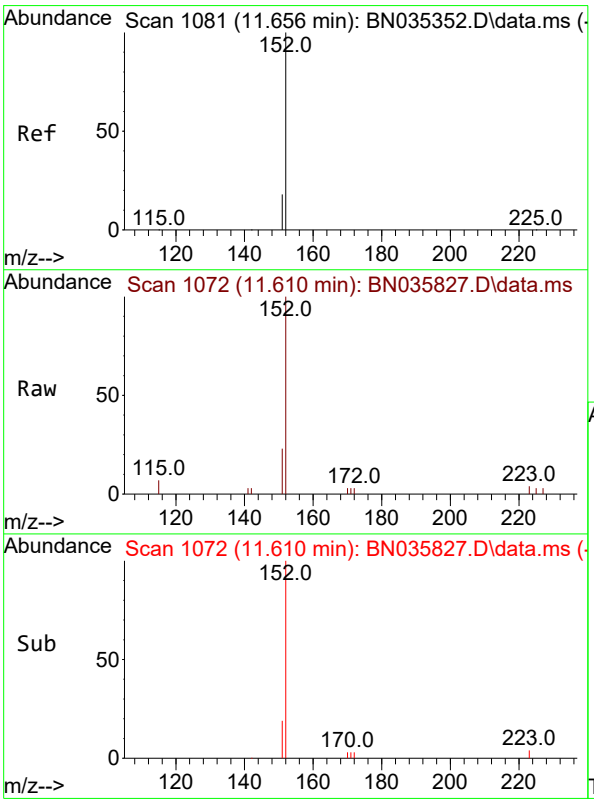

#8
Nitrobenzene-d5
Concen: 0.456 ng
RT: 8.408 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion: 82 Resp: 2197

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.3 | 33.4 | 50.0 |
| 54 | 43.7 | 36.7 | 55.1 |

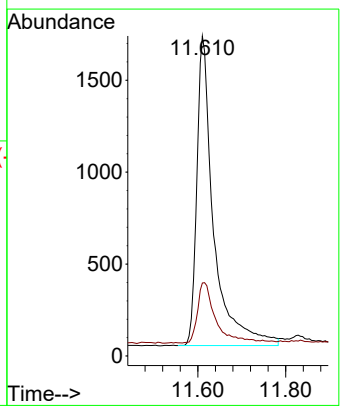


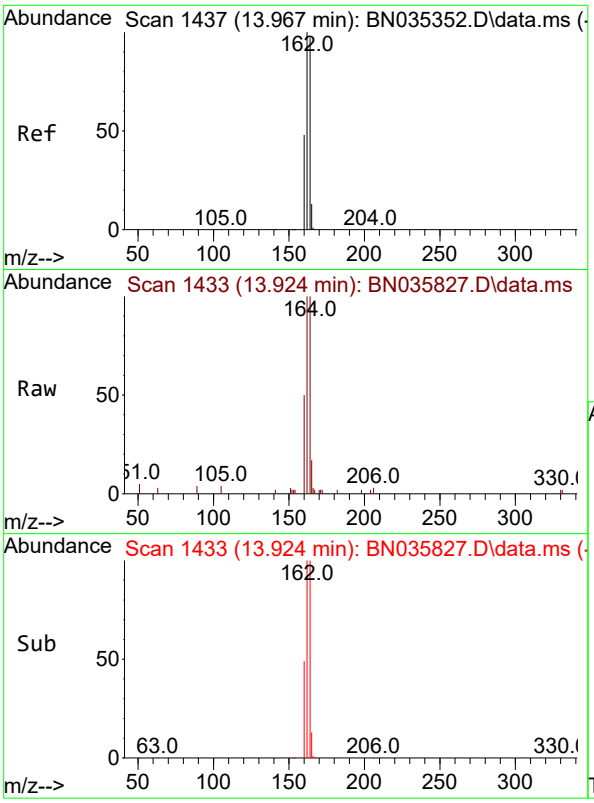




#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.610 min Scan# 1072
Delta R.T. -0.010 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:152 Resp: 4487

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.8 | 16.6 | 25.0 |



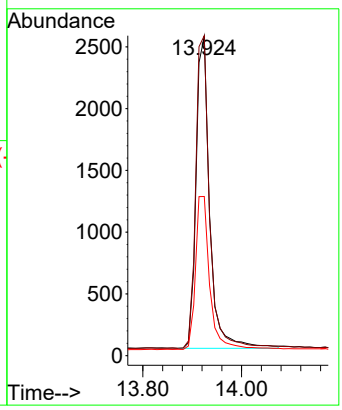


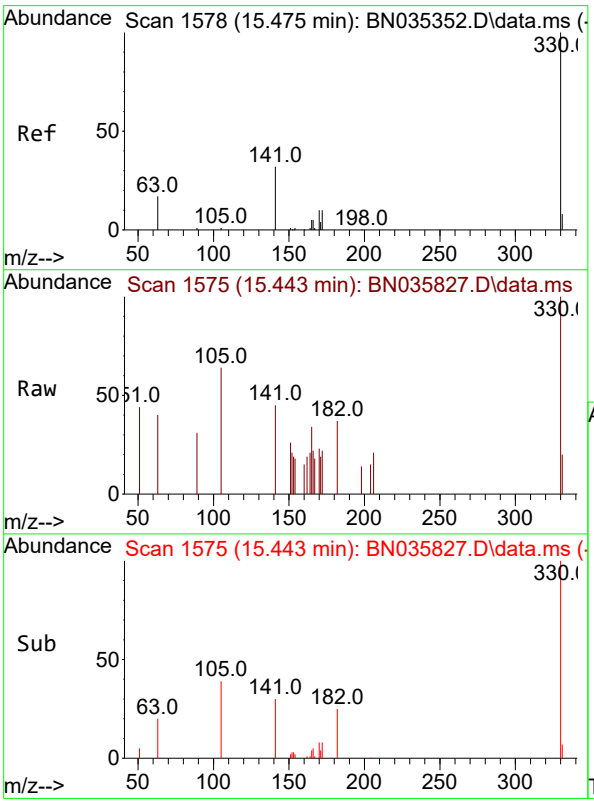

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion:164 Resp: 4842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.3 | 82.2 | 123.2 |
| 160 | 49.9 | 40.1 | 60.1 |

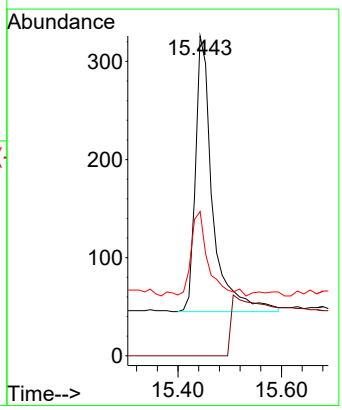


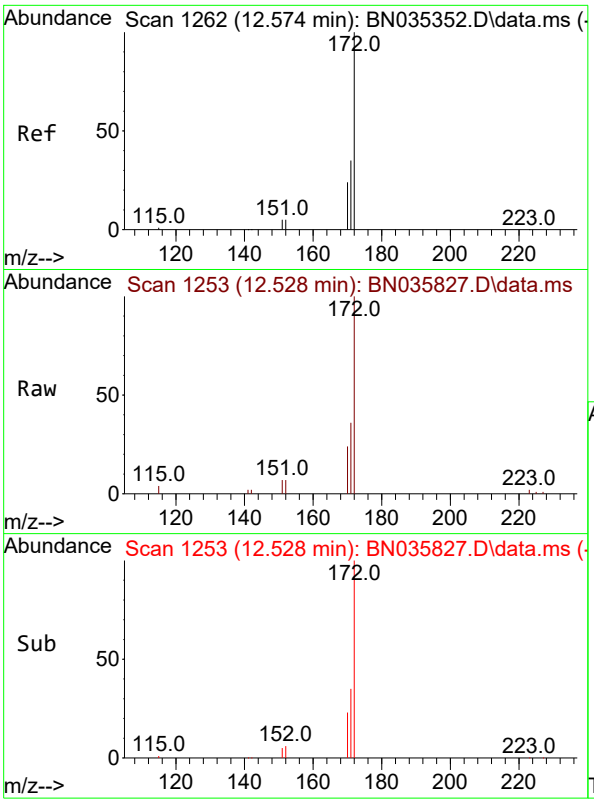




#14
2,4,6-Tribromophenol
Concen: 0.198 ng
RT: 15.443 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:330 Resp: 681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 0.0 | 0.0 | 0.0 |
| 141 | 29.8 | 26.6 | 40.0 |



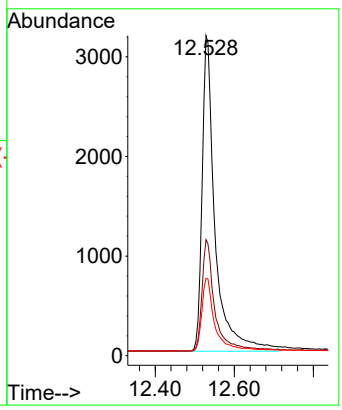


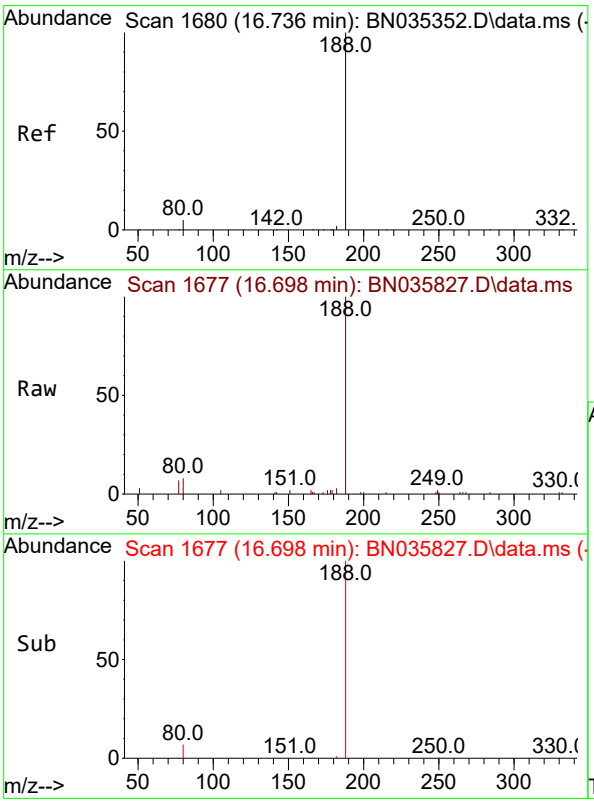

#15
2-Fluorobiphenyl
Concen: 0.395 ng
RT: 12.528 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion:172 Resp: 7221

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.3 | 29.0 | 43.4 |
| 170 | 24.2 | 19.8 | 29.8 |

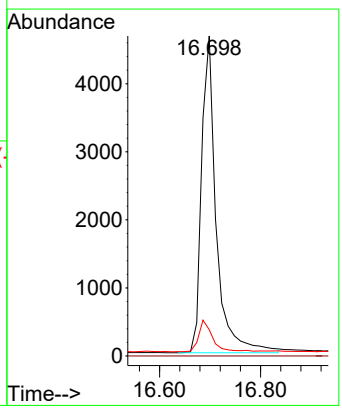


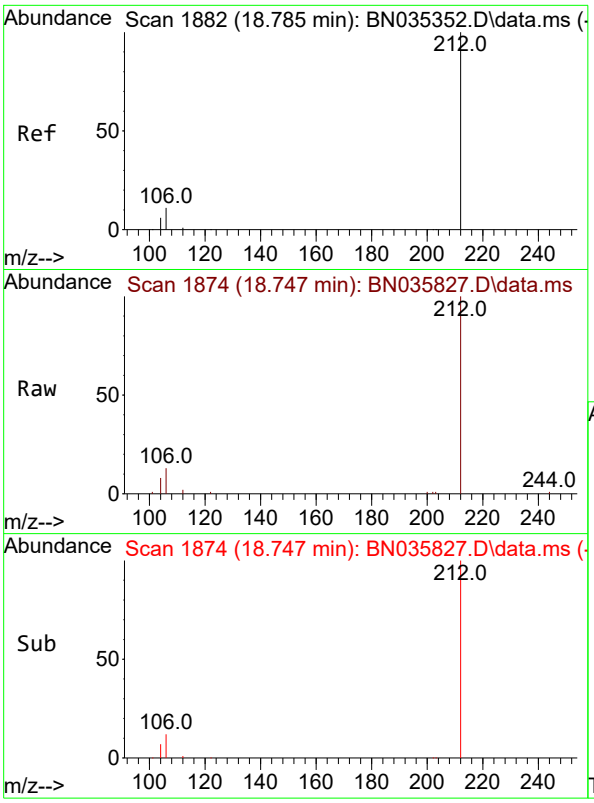




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:188 Resp: 9395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.2 | 4.6 | 6.8# |



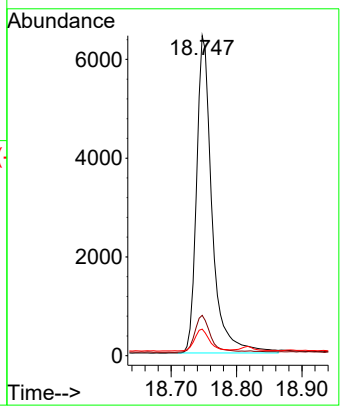


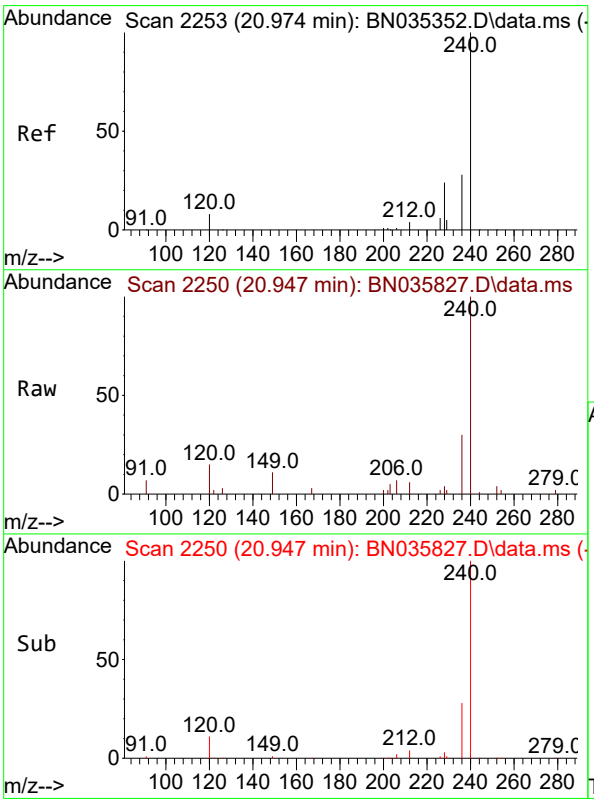

#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.747 min Scan# 1
Delta R.T. -0.014 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion:212 Resp: 10577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 11.7 | 9.2 | 13.8 |
| 104 | 6.7 | 5.3 | 7.9 |

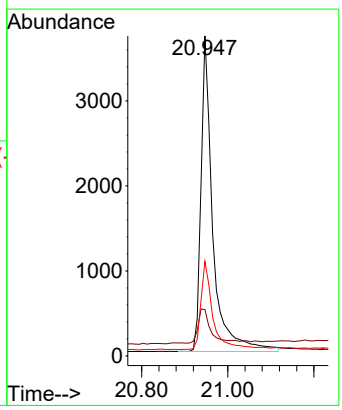


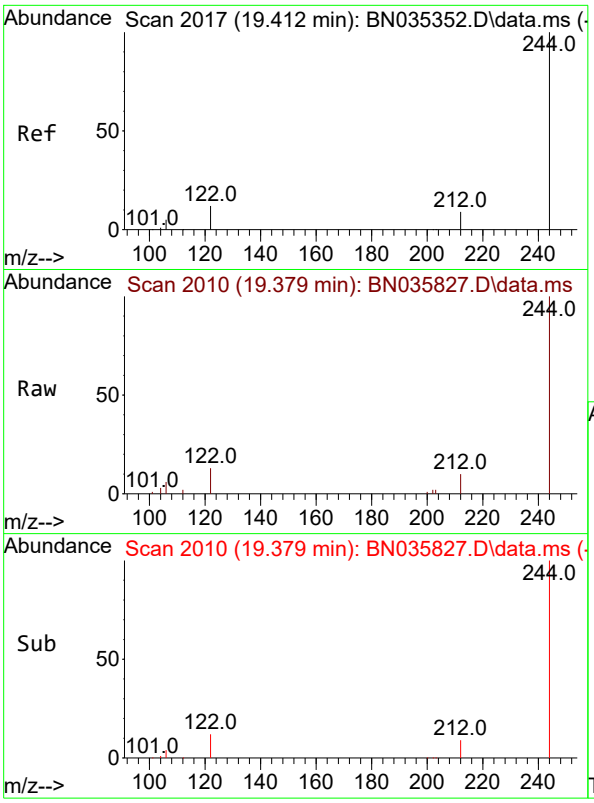




#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2250
Delta R.T. -0.009 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:240 Resp: 7091

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 14.5 | 7.9 | 11.9# |
| 236 | 29.6 | 22.9 | 34.3 |



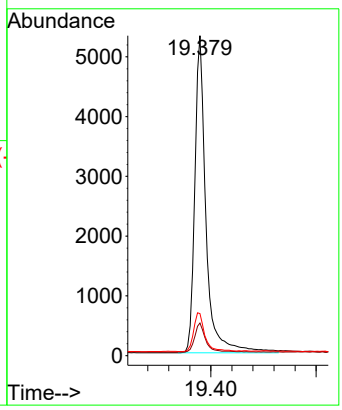


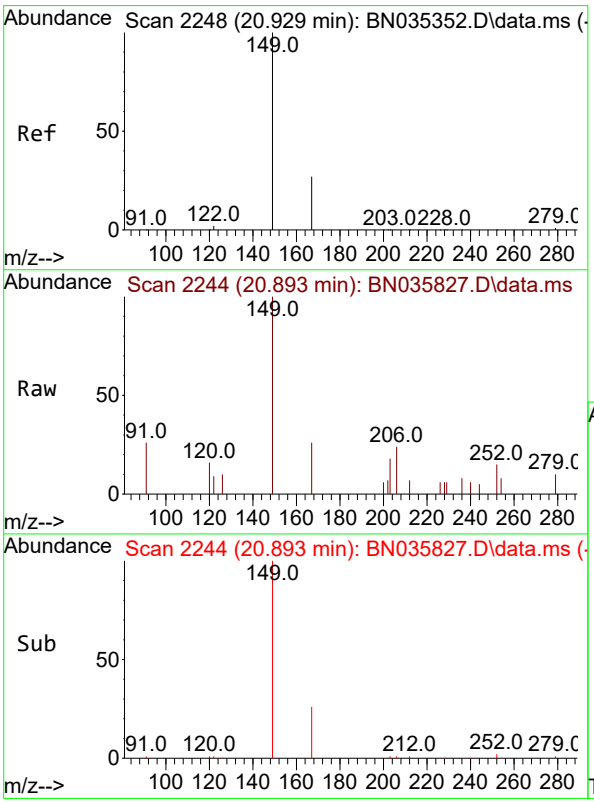

#31
Terphenyl-d14
Concen: 0.559 ng
RT: 19.379 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion:244 Resp: 7825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 10.2 | 8.1 | 12.1 |
| 122 | 13.1 | 10.3 | 15.5 |

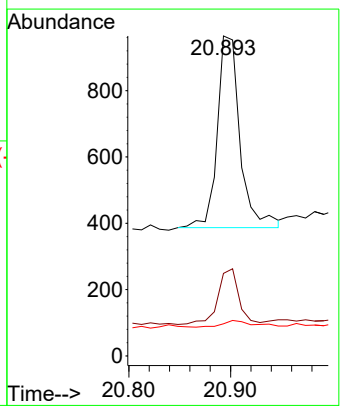


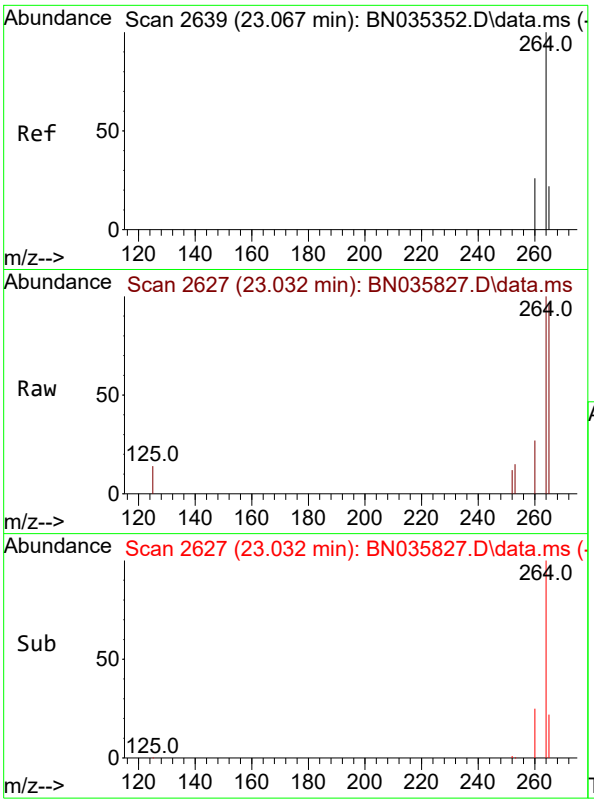




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.091 ng
RT: 20.893 min Scan# 2244
Delta R.T. -0.018 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

Tgt Ion:149 Resp: 896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 26.8 | 22.2 | 33.4 |
| 279 | 4.6 | 2.7 | 4.1# |






#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035827.D
Acq: 24 Dec 2024 18:29

**Instrument :**
BNA_N
**ClientSampleId :**
TT161S1-20241219

Tgt Ion:264 Resp: 6735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.6 | 21.4 | 32.2 |
| 265 | 95.8 | 40.2 | 60.4# |