Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050230.D
Acq On : 07 Jun 2025 02:01
Operator : RC/JU
Sample : Q2198-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Quant Time: Jun 07 03:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.787 | 152 | 299355 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.575 | 136 | 1125867 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.410 | 164 | 622474 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.145 | 188 | 1119241 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.374 | 240 | 1048287 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 24.356 | 264 | 1143100 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 2234637 | 124.524 | ng | 0.00 |
| 7) Phenol-d6 | 6.951 | 99 | 2556777 | 108.230 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.934 | 82 | 1795563 | 82.944 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.892 | 330 | 914676 | 129.188 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.039 | 172 | 3603780 | 78.380 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.774 | 244 | 4789764 | 86.586 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 31) Naphthalene | 10.622 | 128 | 803533 | 13.804 | ng | 100 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
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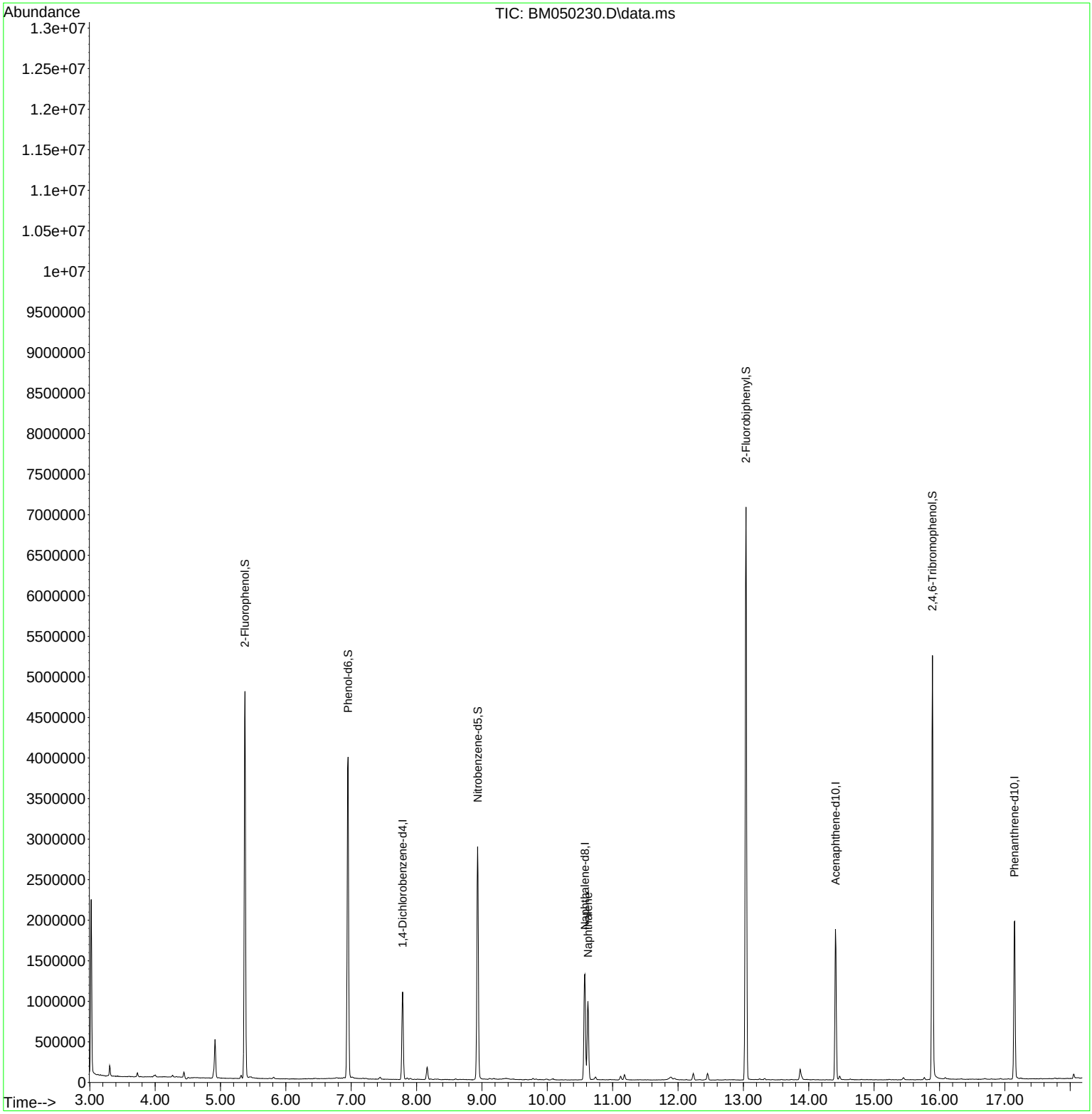
Acq On : 07 Jun 2025 02:01
Operator : RC/JU
Sample : Q2198-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Quant Time: Jun 07 03:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050230.D
Acq On : 07 Jun 2025 02:01
Operator : RC/JU
Sample : Q2198-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Quant Time: Jun 07 03:28:35 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060525.M
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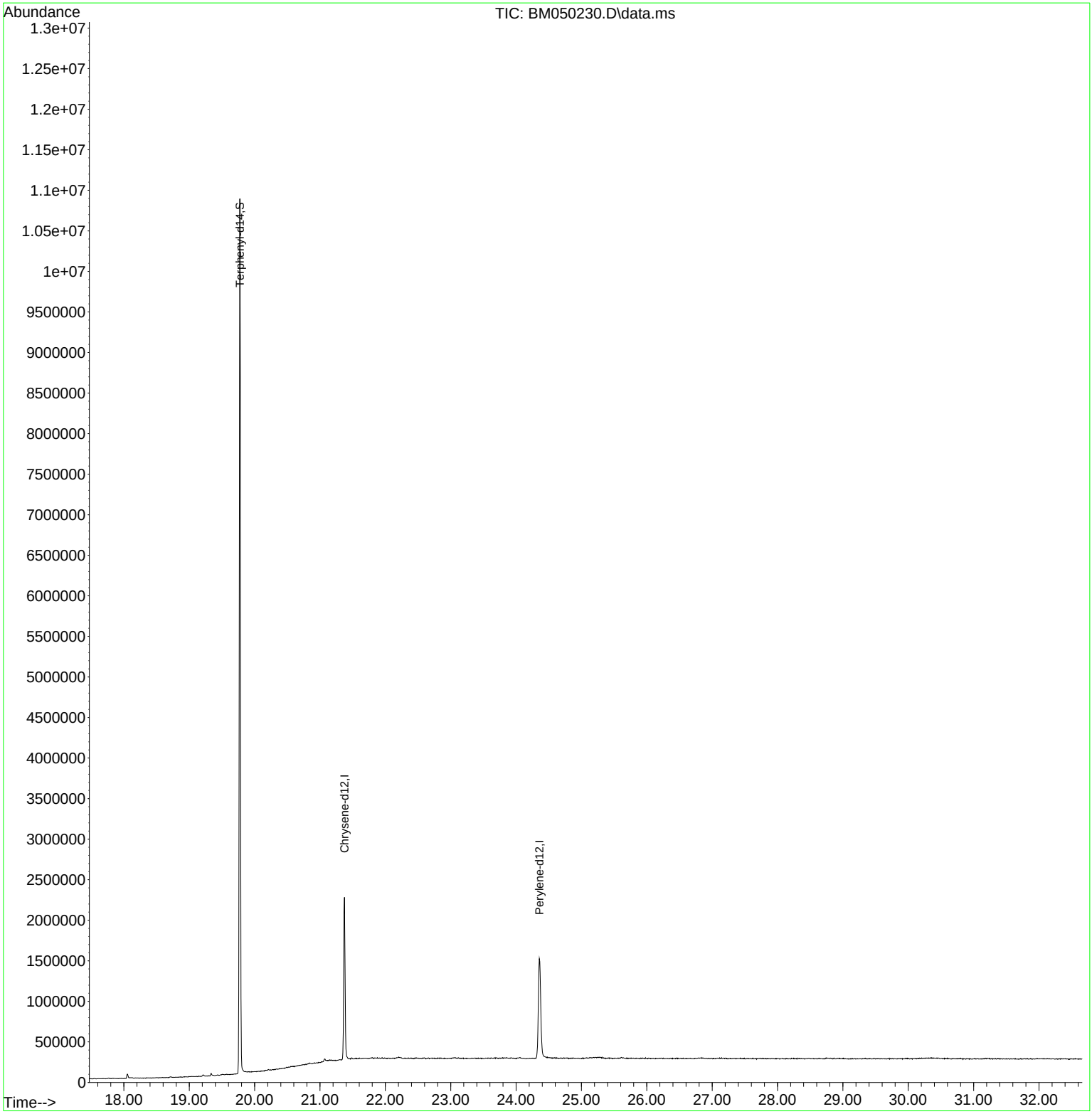
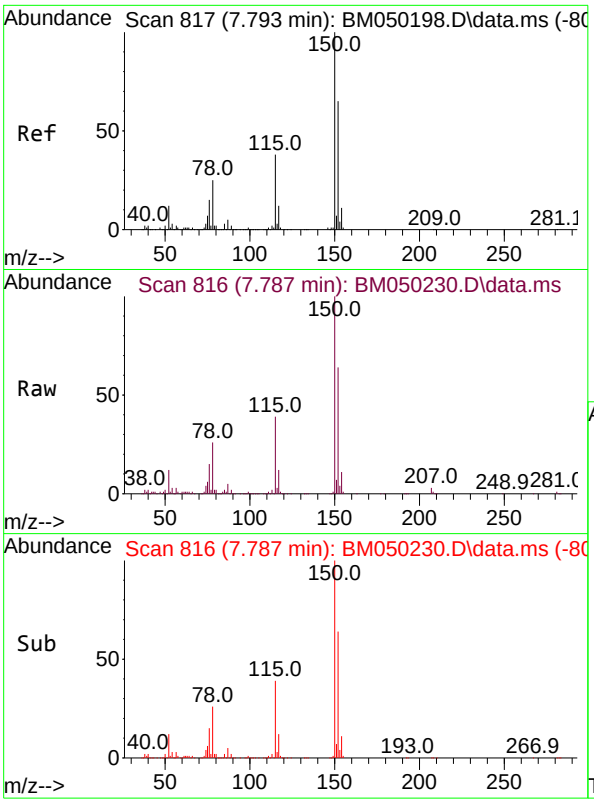
QLast Update : Thu Jun 05 16:20:25 2025
Response via : Initial Calibration



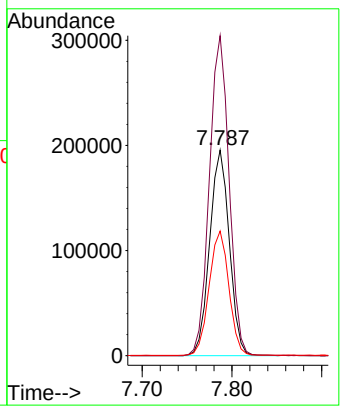


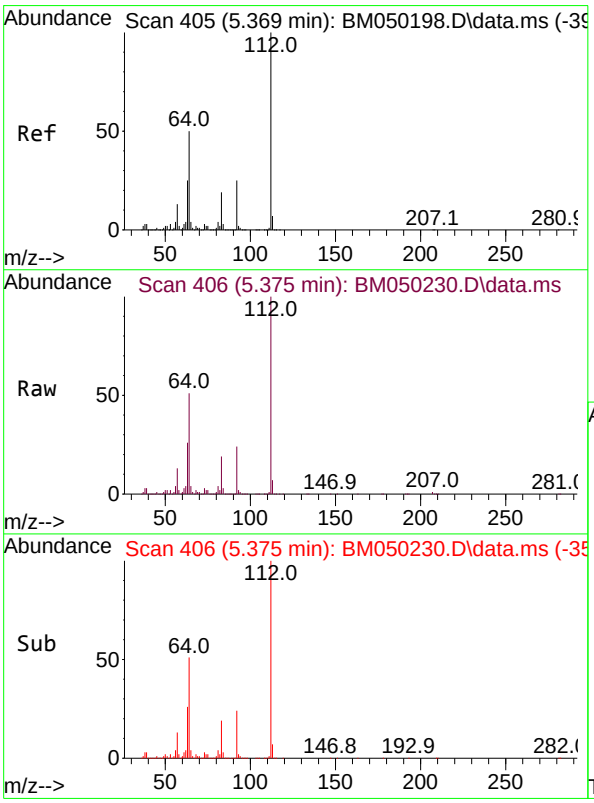

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Tgt Ion:152 Resp: 299355

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.7 | 122.2 | 183.4 |
| 115 | 60.7 | 46.3 | 69.5 |

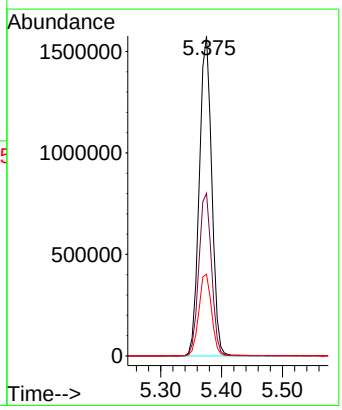


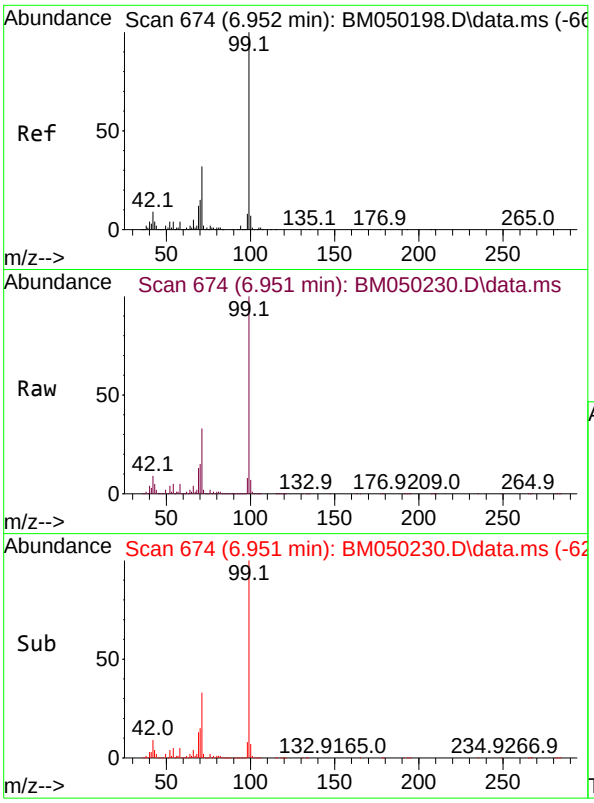




#5
2-Fluorophenol
Concen: 124.524 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:112 Resp: 2234637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.8 | 39.8 | 59.6 |
| 63 | 25.5 | 19.8 | 29.8 |



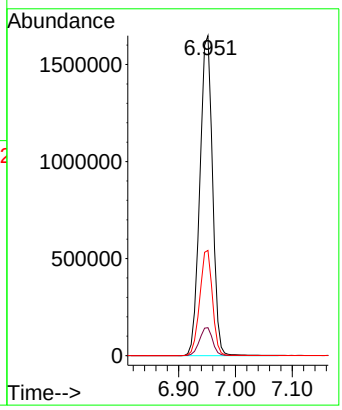


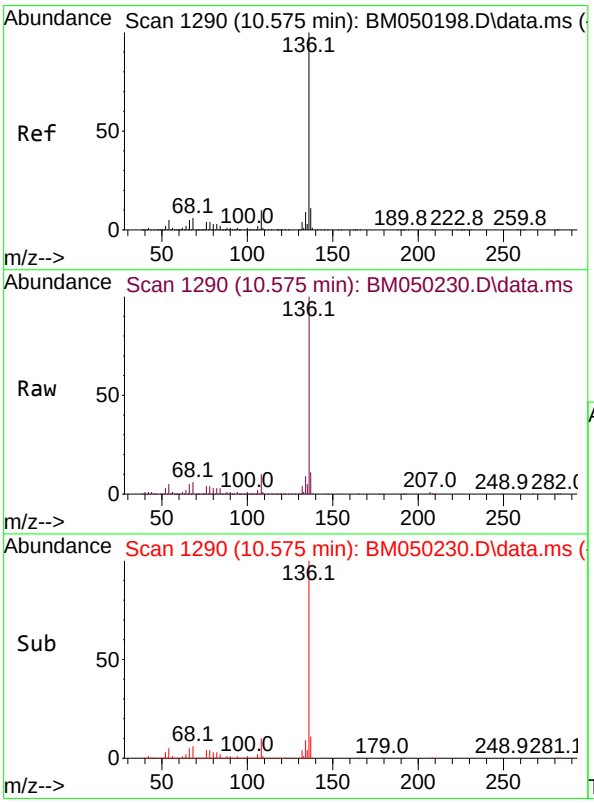

#7
Phenol-d6
Concen: 108.230 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Tgt Ion: 99 Resp: 2556777

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 8.7 | 6.9 | 10.3 |
| 71 | 32.9 | 25.3 | 37.9 |

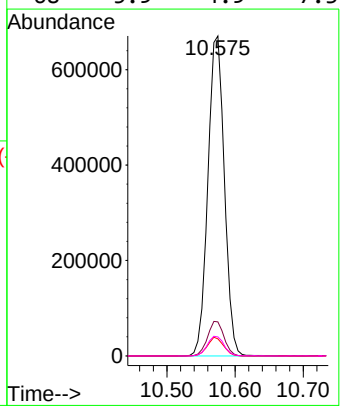


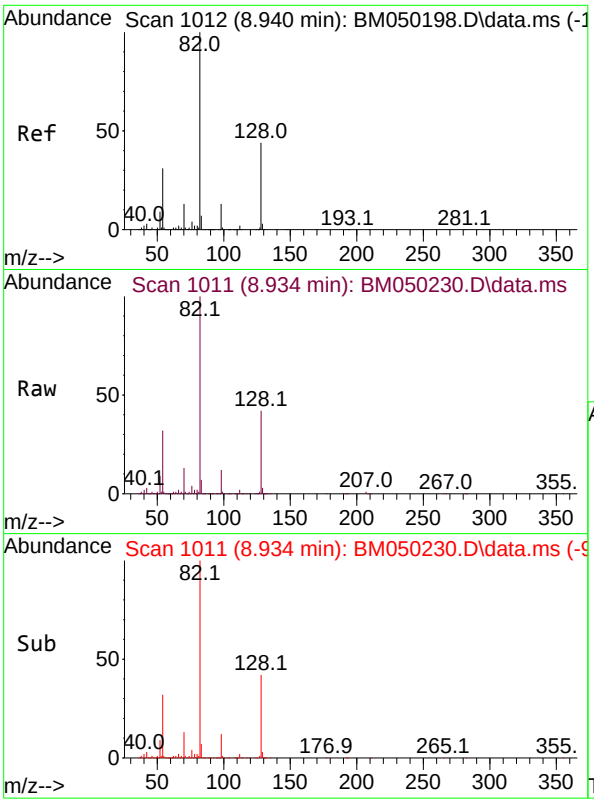




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:136 Resp: 1125867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 5.3 | 3.8 | 5.8 |
| 68 | 5.9 | 4.9 | 7.3 |



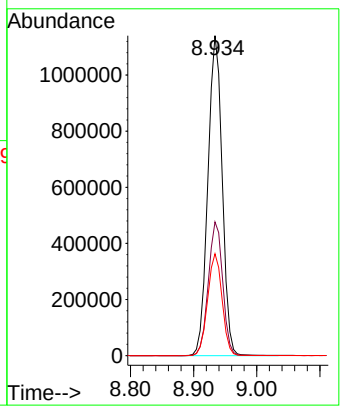


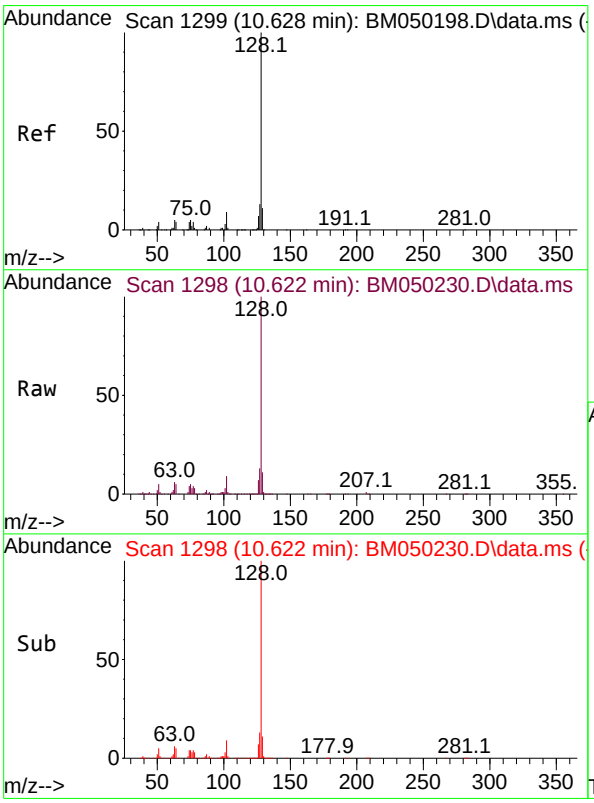

#23
Nitrobenzene-d5
Concen: 82.944 ng
RT: 8.934 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Tgt Ion: 82 Resp: 1795563

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.8 | 35.2 | 52.8 |
| 54 | 31.8 | 24.5 | 36.7 |

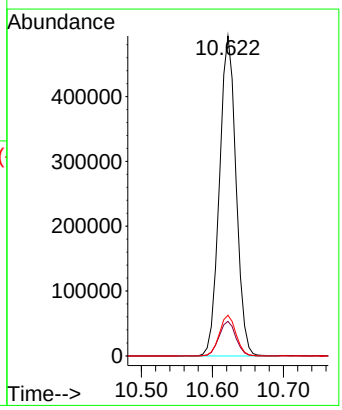


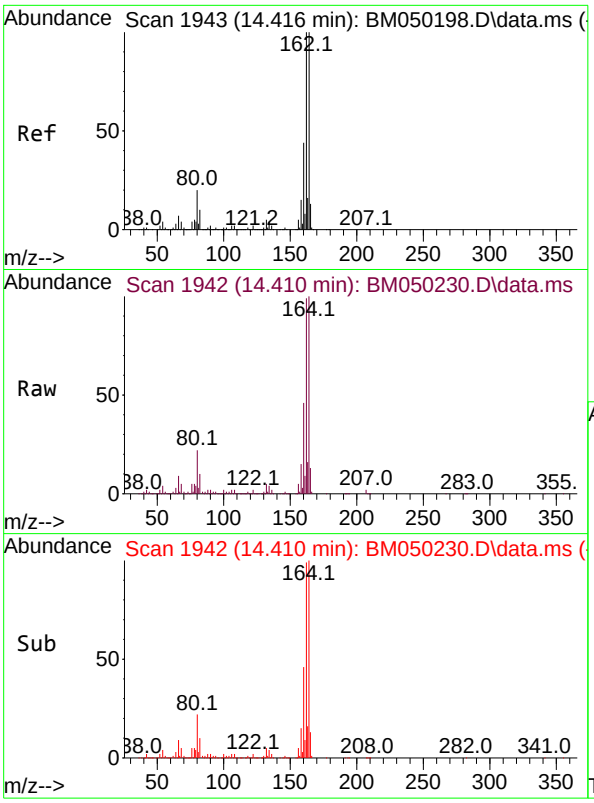




#31
Naphthalene
Concen: 13.804 ng
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:128 Resp: 803533

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 10.8 | 8.6 | 12.8 |
| 127 | 12.7 | 10.2 | 15.4 |



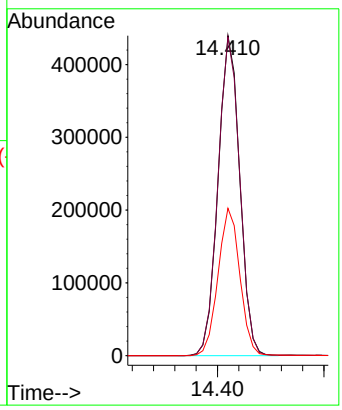


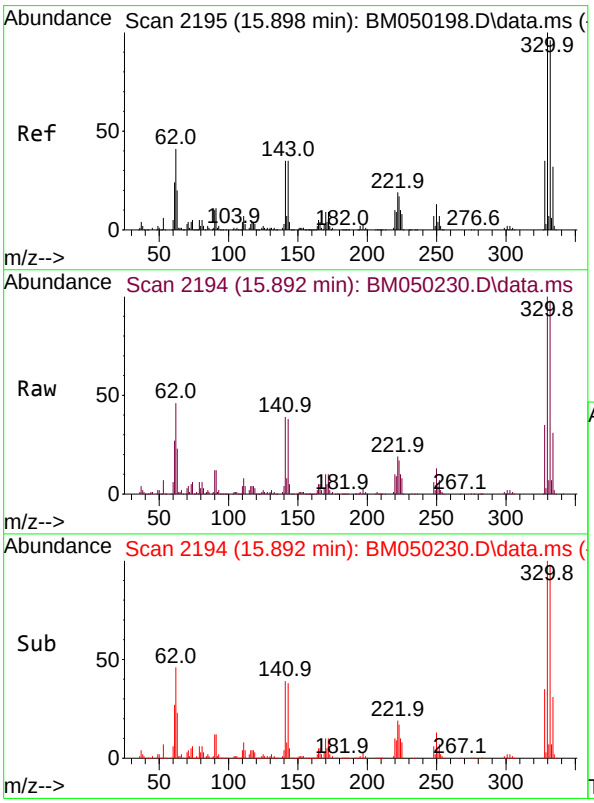

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 19
Delta R.T. -0.006 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Tgt Ion:164 Resp: 622474

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.5 | 80.2 | 120.4 |
| 160 | 46.0 | 35.7 | 53.5 |

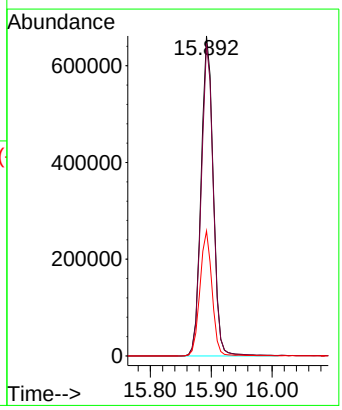


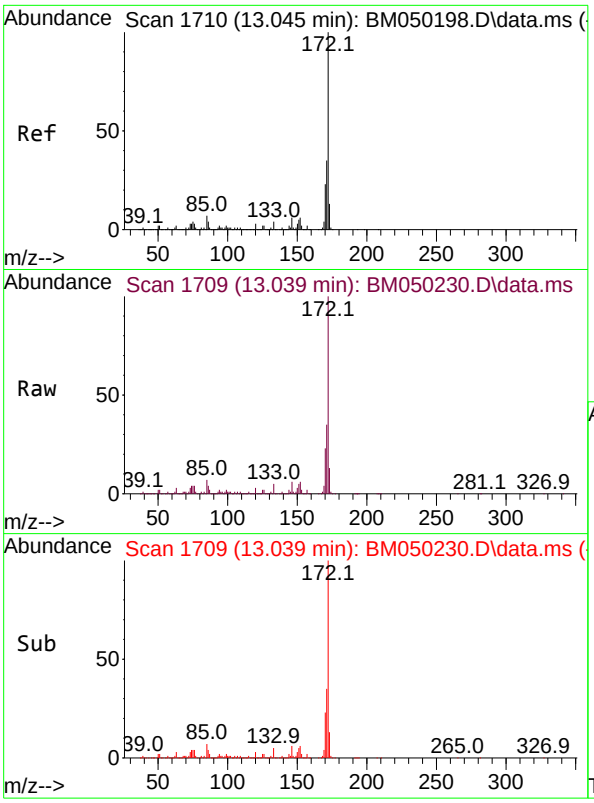




#42
2,4,6-Tribromophenol
Concen: 129.188 ng
RT: 15.892 min Scan# 2194
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:330 Resp: 914676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 77.5 | 116.3 |
| 141 | 38.7 | 28.8 | 43.2 |



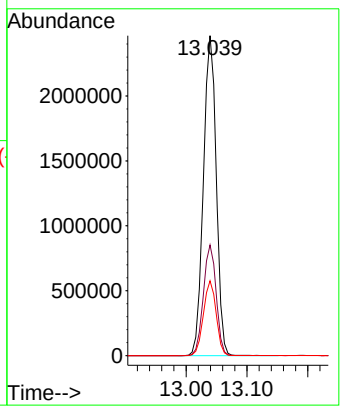


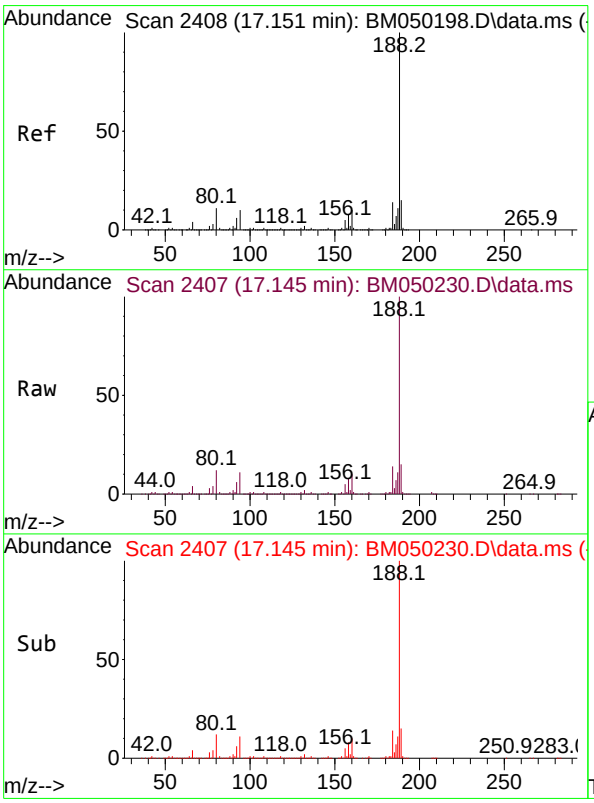

#45
2-Fluorobiphenyl
Concen: 78.380 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Tgt Ion:172 Resp: 3603780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 27.8 | 41.6 |
| 170 | 23.4 | 18.6 | 27.8 |

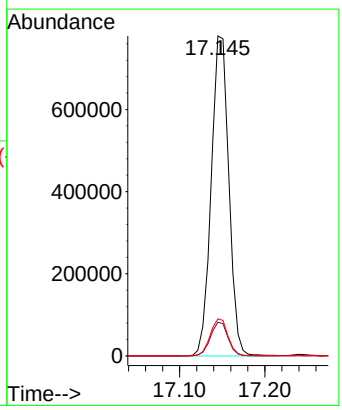


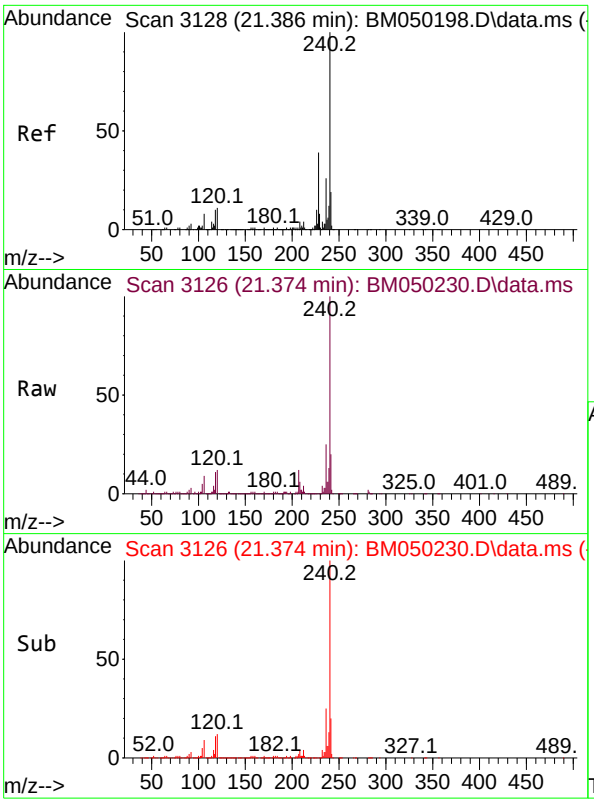




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:188 Resp: 1119241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.1 | 12.1 |
| 80 | 11.6 | 8.6 | 13.0 |



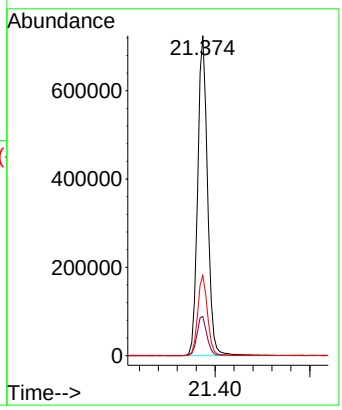


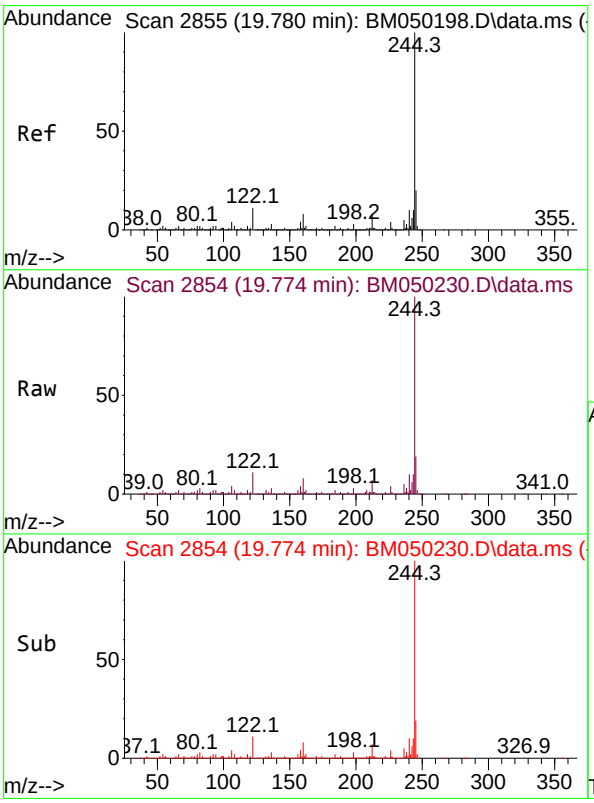

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Tgt Ion:240 Resp: 1048287

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.2 | 9.0 | 13.4 |
| 236 | 25.0 | 20.7 | 31.1 |

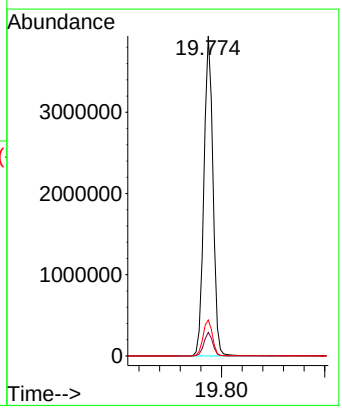


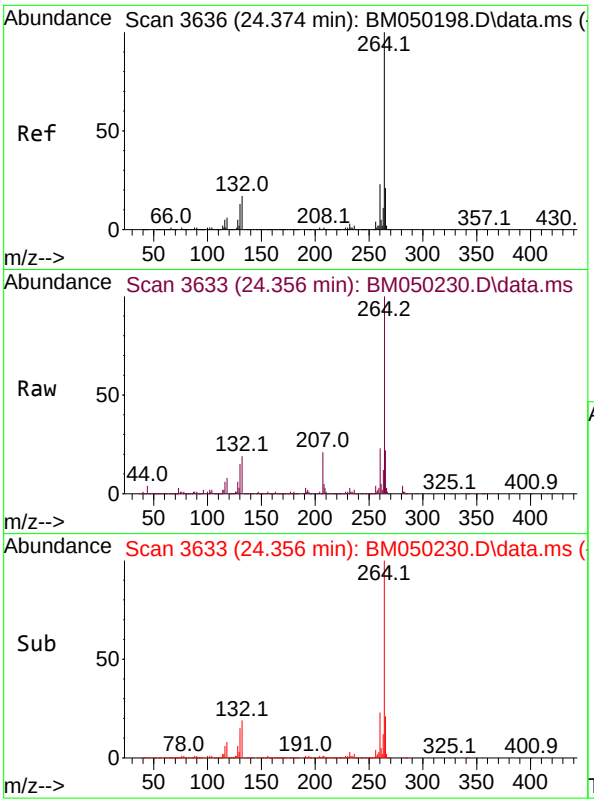




#79
Terphenyl-d14
Concen: 86.586 ng
RT: 19.774 min Scan# 2854
Delta R.T. -0.012 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

Tgt Ion:244 Resp: 4789764

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 11.2 | 8.6 | 12.8 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 24.356 min Scan# 3
Delta R.T. -0.018 min
Lab File: BM050230.D
Acq: 07 Jun 2025 02:01

**Instrument :**
BNA_M
**ClientSampleId :**
B-207-SB02

Tgt Ion:264 Resp: 1143100

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.6 | 28.0 |
| 265 | 21.9 | 16.8 | 25.2 |