Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050231.D
Acq On : 07 Jun 2025 02:41
Operator : RC/JU
Sample : Q2206-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Quant Time: Jun 07 03:28:51 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 | 320659 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.575 | 136 | 1215602 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.410 | 164 | 665568 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.145 | 188 | 1223570 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.374 | 240 | 1165034 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 24.362 | 264 | 1211637 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 2435587 | 126.705 | ng | 0.00 |
| 7) Phenol-d6 | 6.951 | 99 | 2782272 | 109.951 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.934 | 82 | 1961118 | 83.904 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.892 | 330 | 949542 | 125.429 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.039 | 172 | 3833334 | 77.975 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.774 | 244 | 5357467 | 87.144 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |

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

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Misc :
ALS Vial : 29 Sample Multiplier: 1

**Instrument :**
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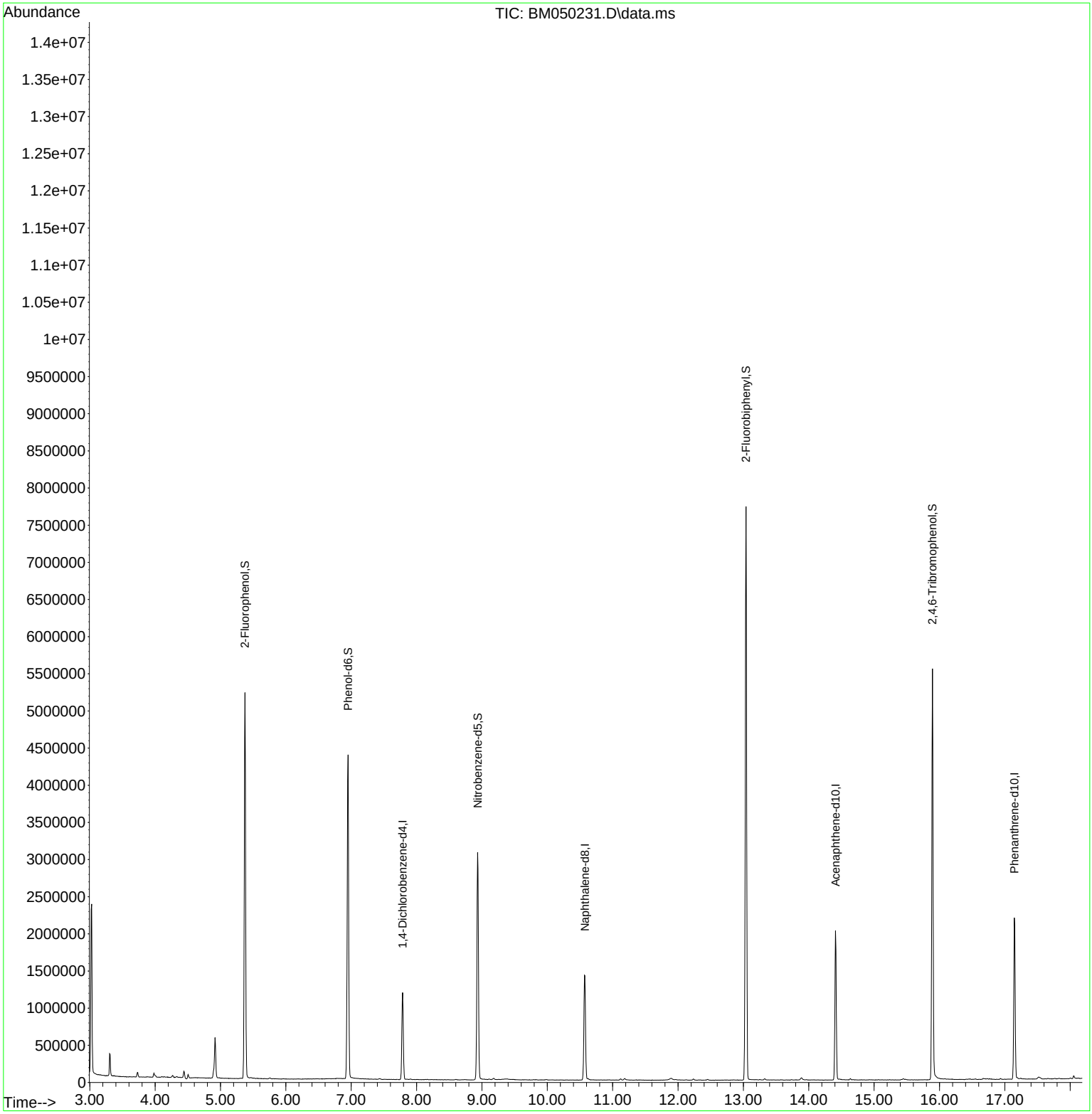

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060625\
Data File : BM050231.D
Acq On : 07 Jun 2025 02:41
Operator : RC/JU
Sample : Q2206-04
Misc :
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**Instrument :**
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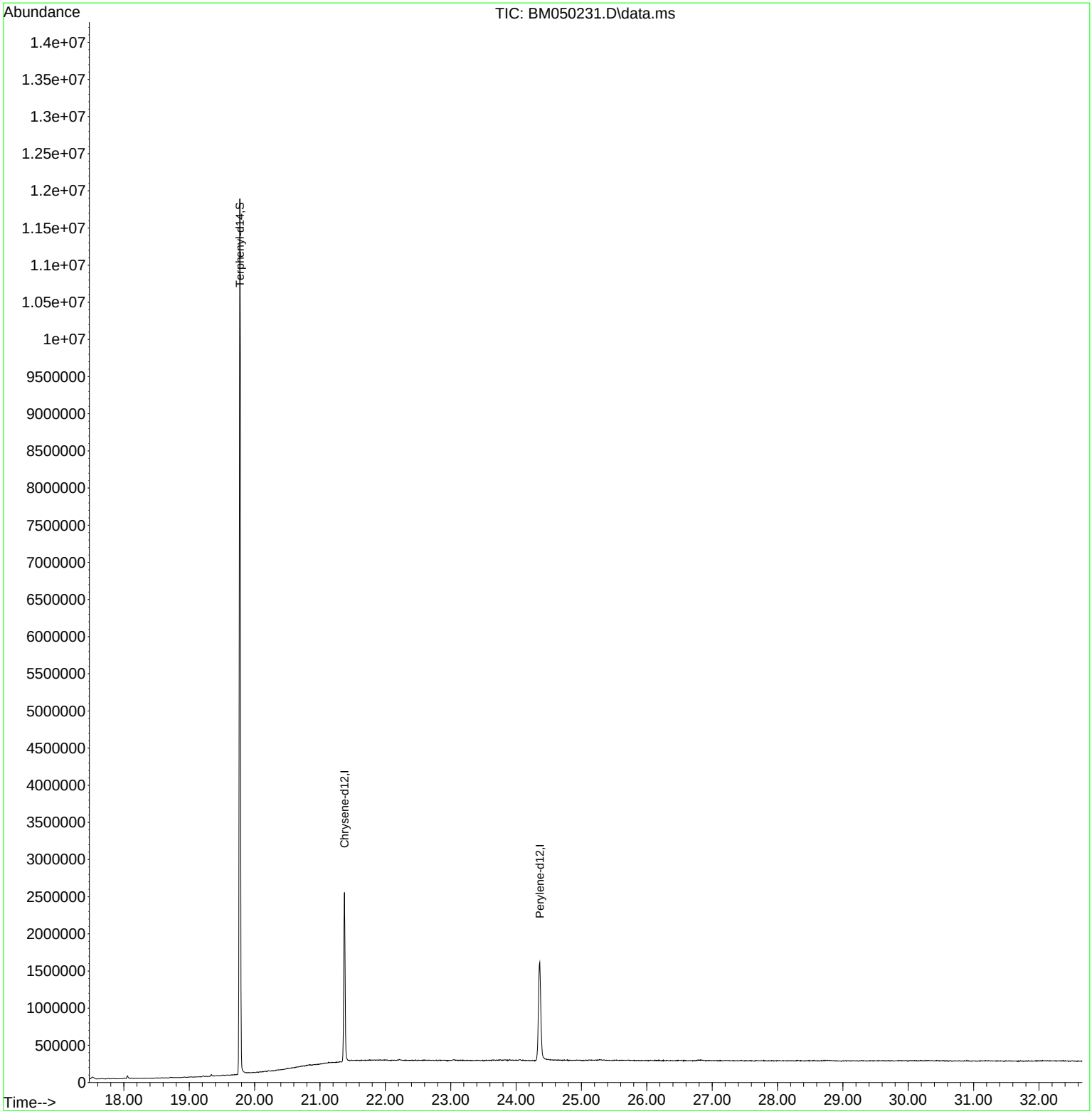
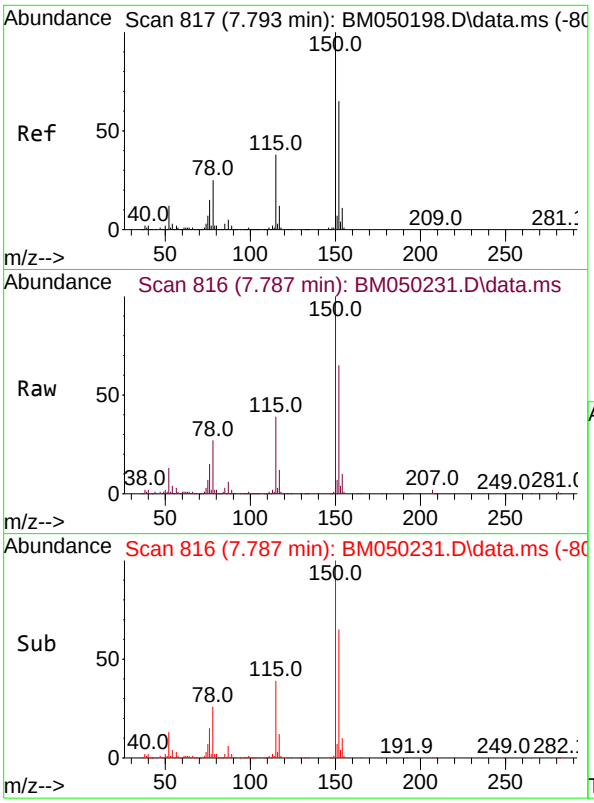


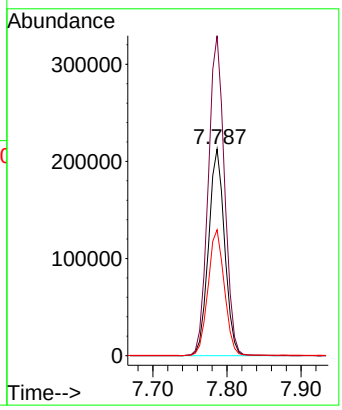


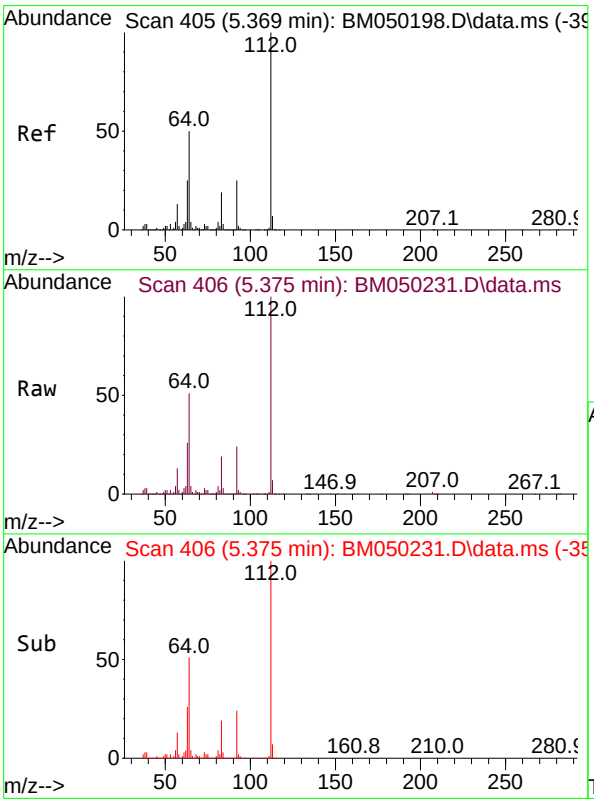

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:152 Resp: 320659

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.8 | 122.2 | 183.4 |
| 115 | 60.9 | 46.3 | 69.5 |

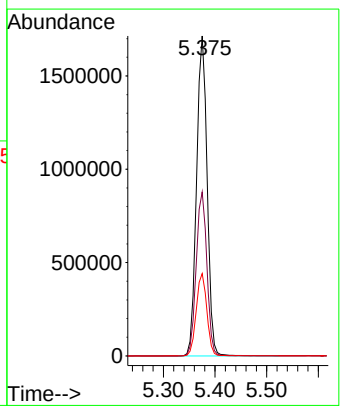


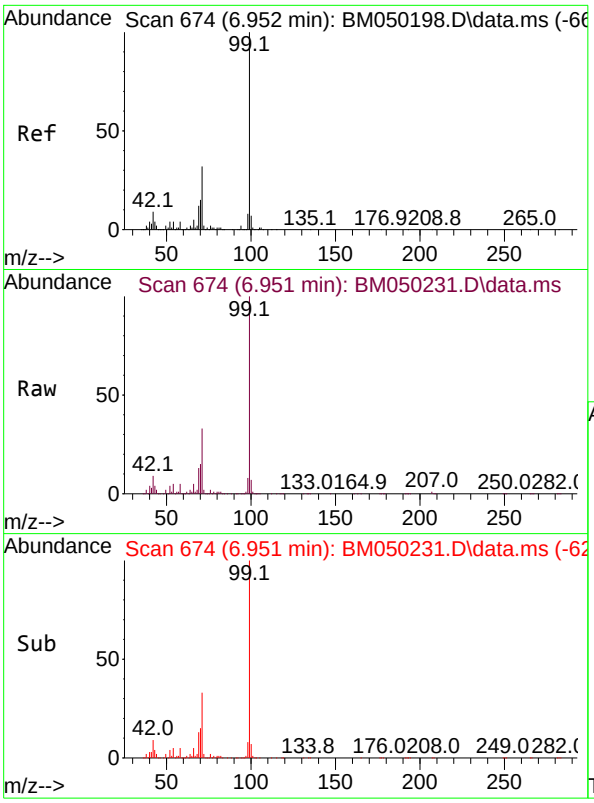




#5
2-Fluorophenol
Concen: 126.705 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.000 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion:112 Resp: 2435587

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.2 | 39.8 | 59.6 |
| 63 | 25.7 | 19.8 | 29.8 |



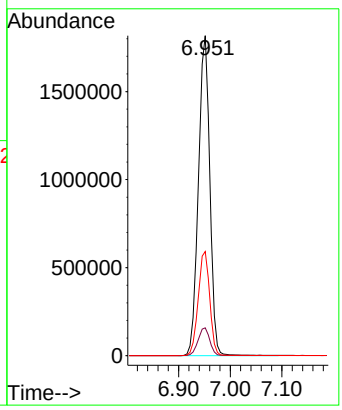


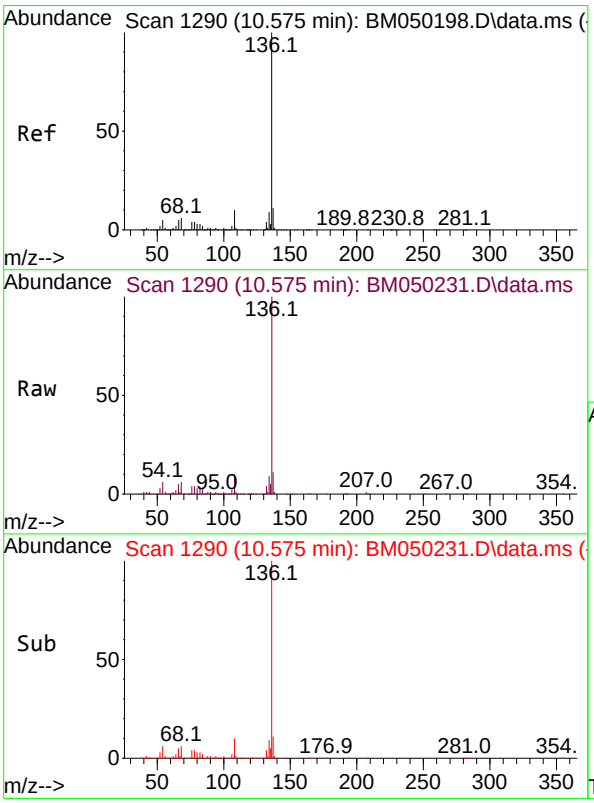

#7
Phenol-d6
Concen: 109.951 ng
RT: 6.951 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion: 99 Resp: 2782272

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 8.7 | 6.9 | 10.3 |
| 71 | 32.5 | 25.3 | 37.9 |

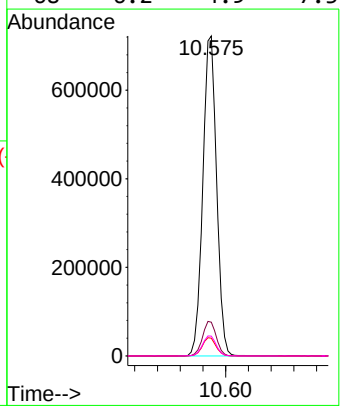


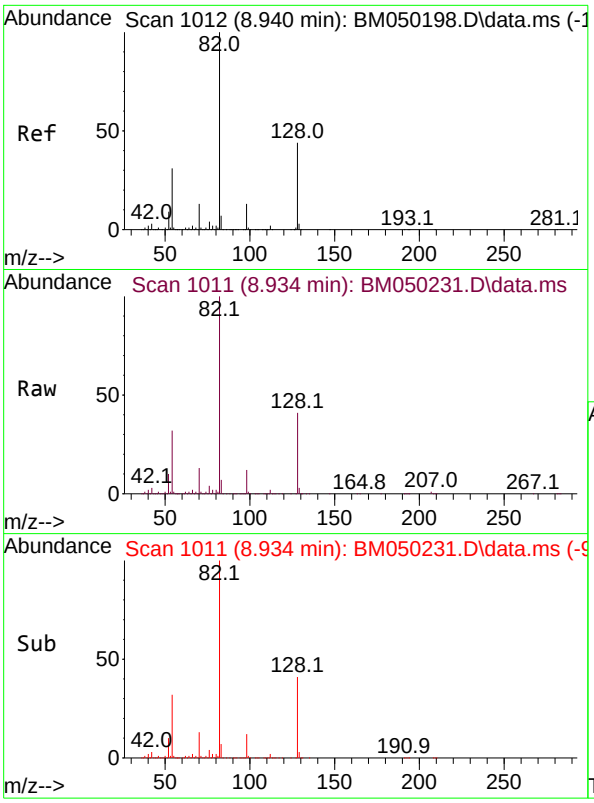




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion:136 Resp: 1215602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 13.0 |
| 54 | 5.5 | 3.8 | 5.8 |
| 68 | 6.2 | 4.9 | 7.3 |



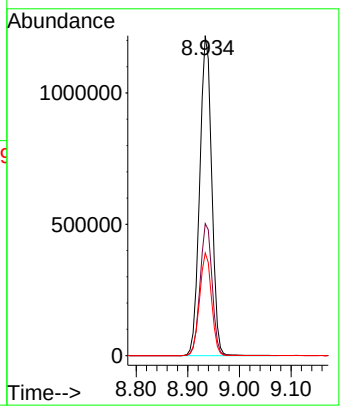


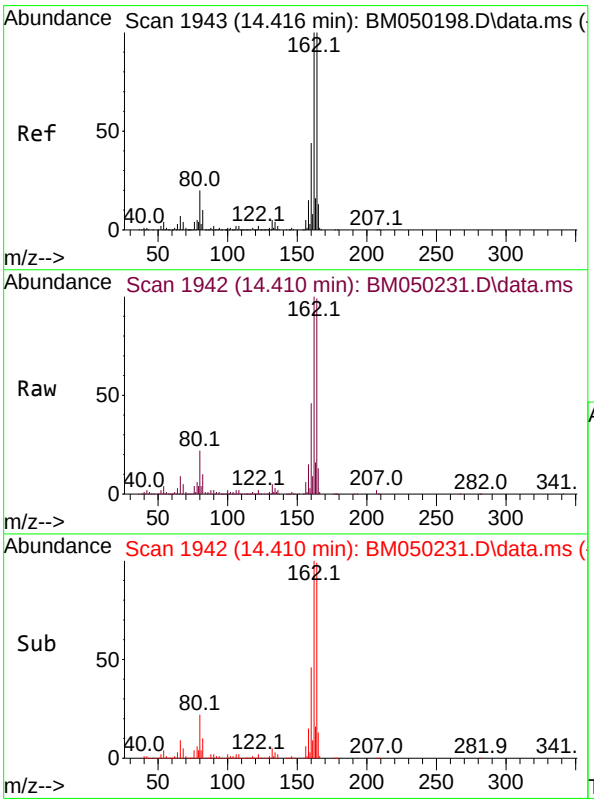

#23
Nitrobenzene-d5
Concen: 83.904 ng
RT: 8.934 min Scan# 10
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion: 82 Resp: 1961118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.2 | 35.2 | 52.8 |
| 54 | 32.1 | 24.5 | 36.7 |

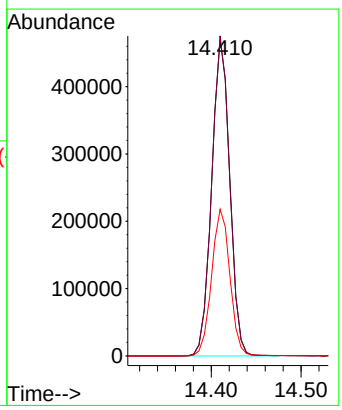


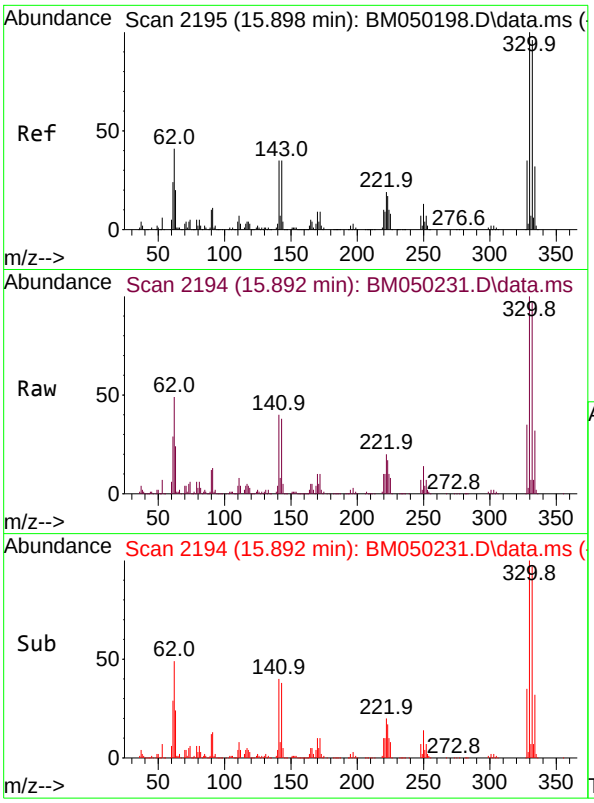




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion:164 Resp: 665568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.1 | 80.2 | 120.4 |
| 160 | 46.3 | 35.7 | 53.5 |



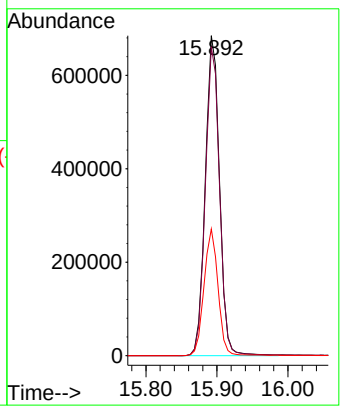


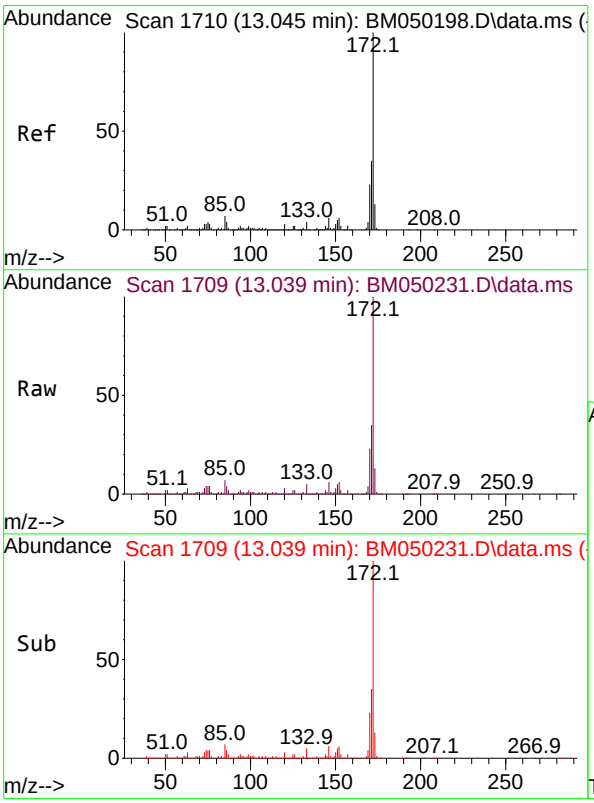

#42
2,4,6-Tribromophenol
Concen: 125.429 ng
RT: 15.892 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:330 Resp: 949542

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.5 | 116.3 |
| 141 | 39.1 | 28.8 | 43.2 |

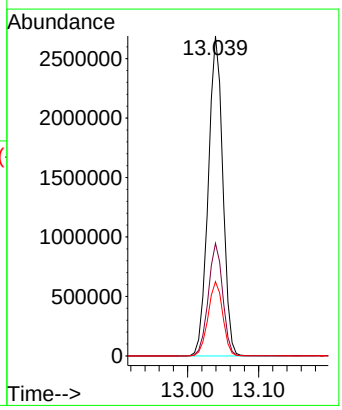


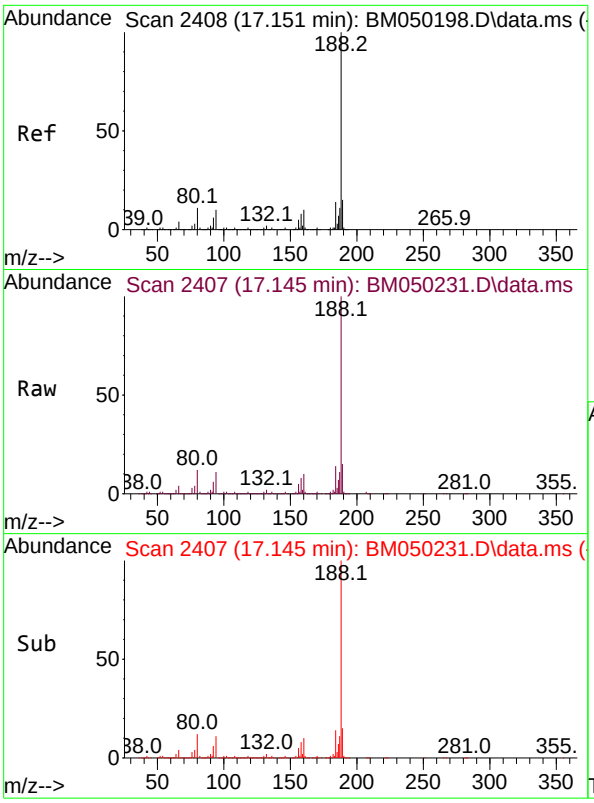




#45
2-Fluorobiphenyl
Concen: 77.975 ng
RT: 13.039 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion:172 Resp: 3833334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 27.8 | 41.6 |
| 170 | 23.2 | 18.6 | 27.8 |



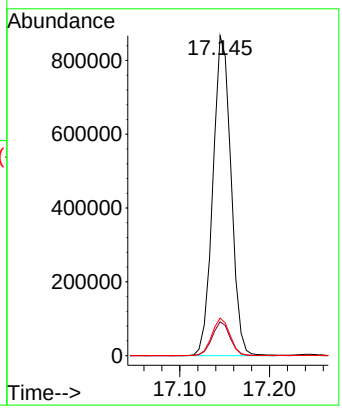


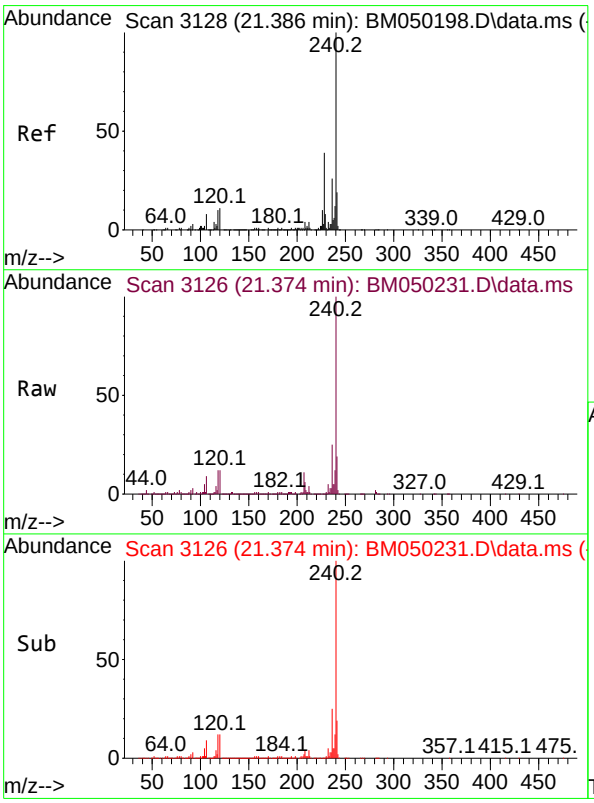

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:188 Resp: 1223570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.6 | 8.1 | 12.1 |
| 80 | 11.7 | 8.6 | 13.0 |

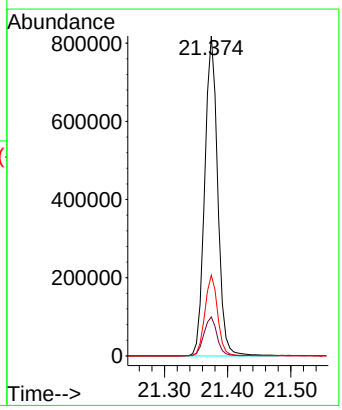


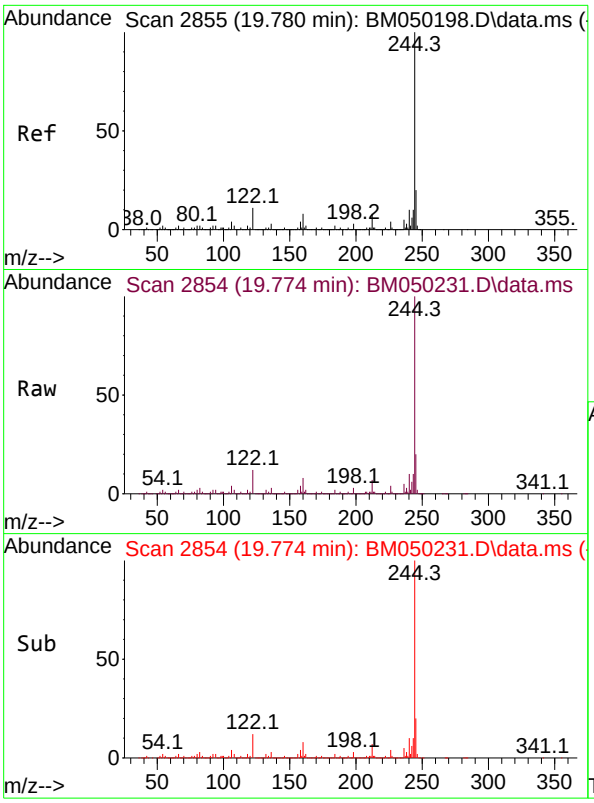




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.374 min Scan# 3126
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion:240 Resp: 1165034

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.2 | 9.0 | 13.4 |
| 236 | 25.3 | 20.7 | 31.1 |



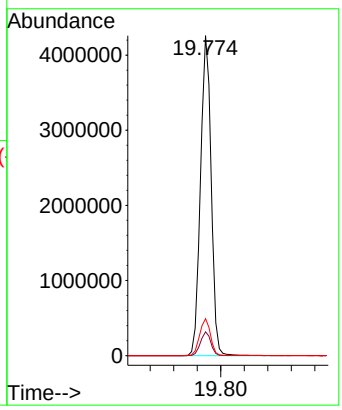


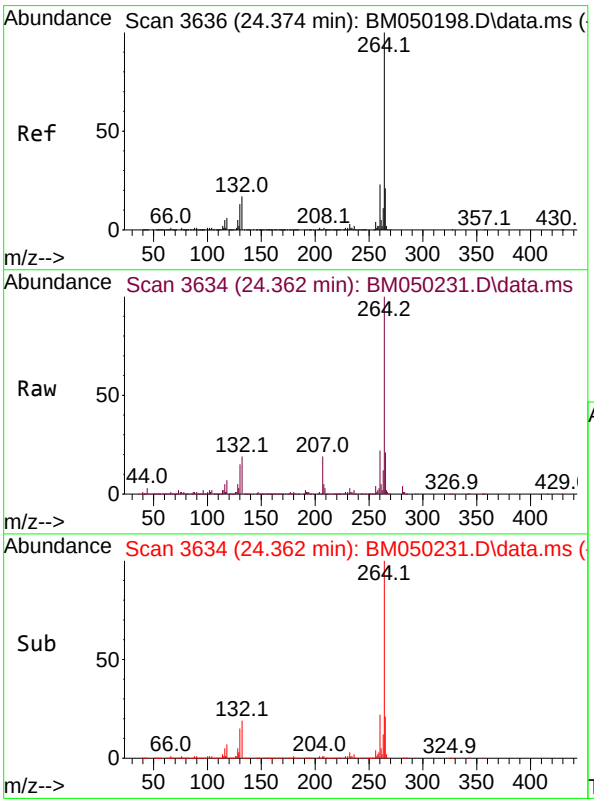

#79
Terphenyl-d14
Concen: 87.144 ng
RT: 19.774 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

**Instrument :**
BNA_M
**ClientSampleId :**
TP-1

Tgt Ion:244 Resp: 5357467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.0 | 9.0 |
| 122 | 11.5 | 8.6 | 12.8 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.362 min Scan# 3634
Delta R.T. -0.012 min
Lab File: BM050231.D
Acq: 07 Jun 2025 02:41

Tgt Ion:264 Resp: 1211637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.4 | 18.6 | 28.0 |
| 265 | 21.3 | 16.8 | 25.2 |