Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
FB

Quant Time: Jul 15 02:57:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 08 18:32:25 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.857 | 152 | 329239 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.657 | 136 | 1195521 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.486 | 164 | 770212 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.215 | 188 | 1550871 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.433 | 240 | 1527959 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 24.462 | 264 | 1560808 | 20.000 | ng | -0.04 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.434 | 112 | 1443676 | 75.478 | ng | 0.00 |
| 7) Phenol-d6 | 7.016 | 99 | 1057280 | 43.849 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.010 | 82 | 2462601 | 105.090 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.963 | 330 | 1799877 | 192.333 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.110 | 172 | 6185426 | 99.175 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.827 | 244 | 10925123 | 125.804 | ng | -0.02 |
| Target Compounds | | | | | | Qvalue |

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

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Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
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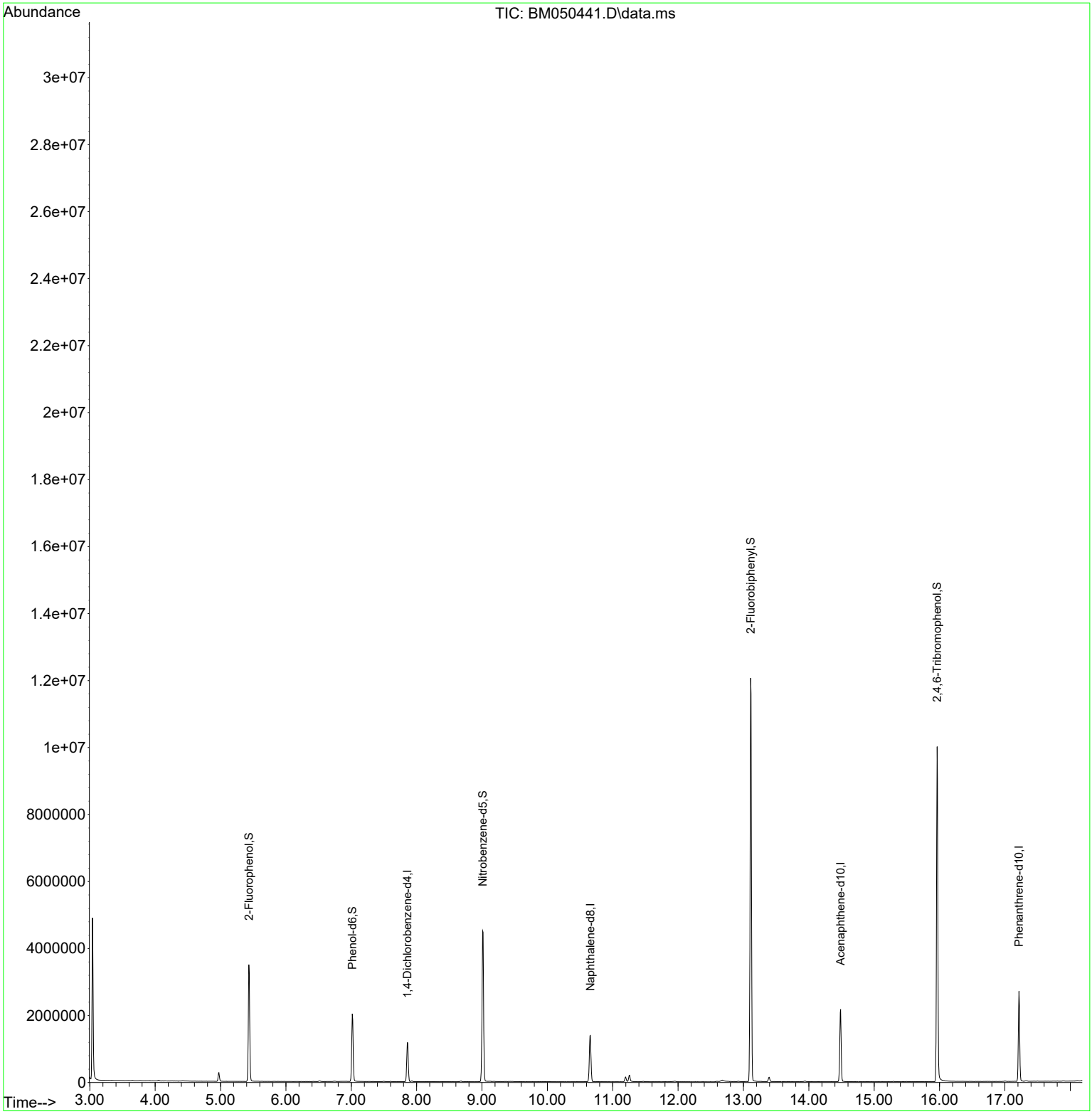

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071425\
Data File : BM050441.D
Acq On : 15 Jul 2025 00:53
Operator : RC/JU
Sample : Q2553-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_M
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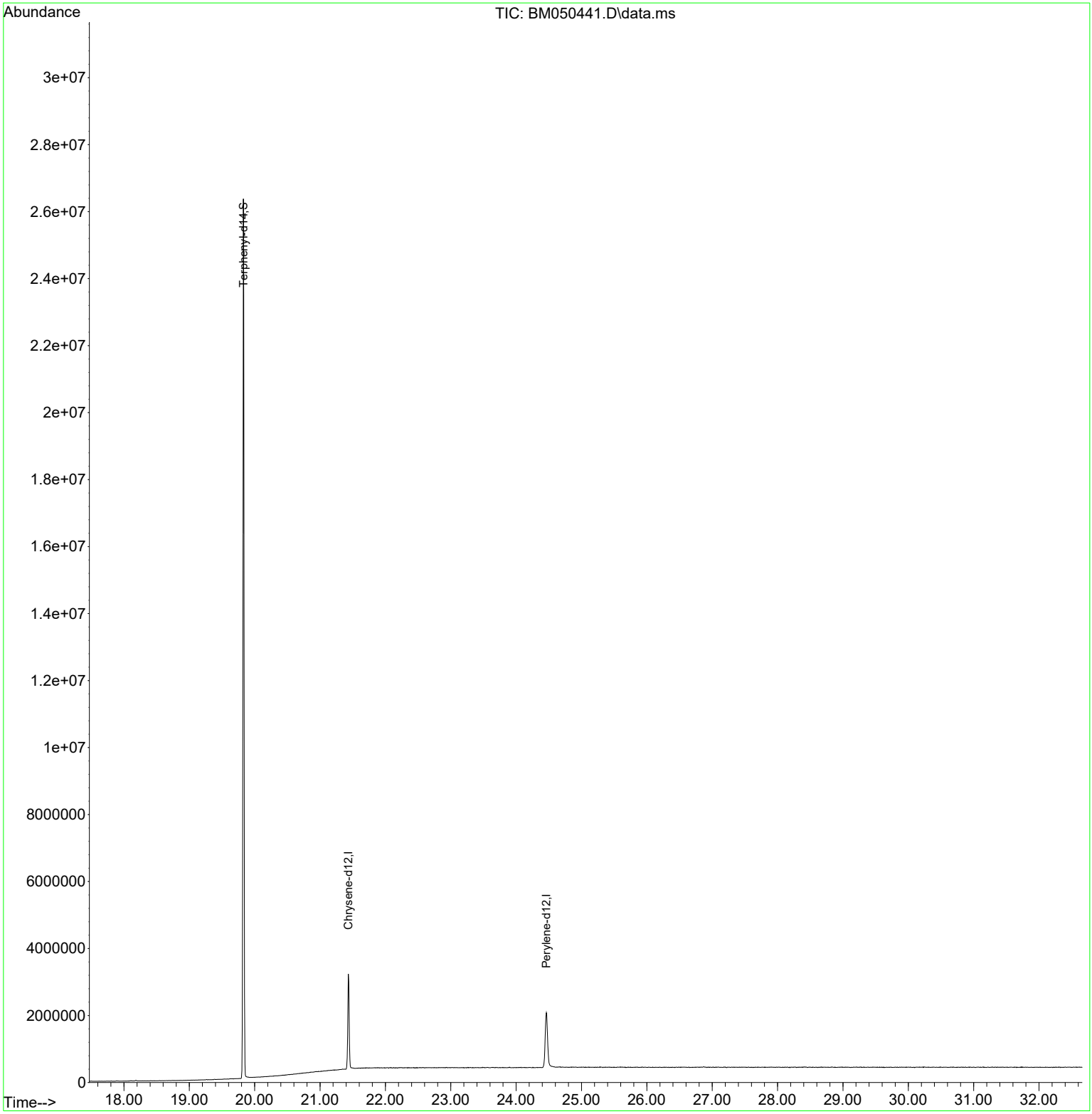
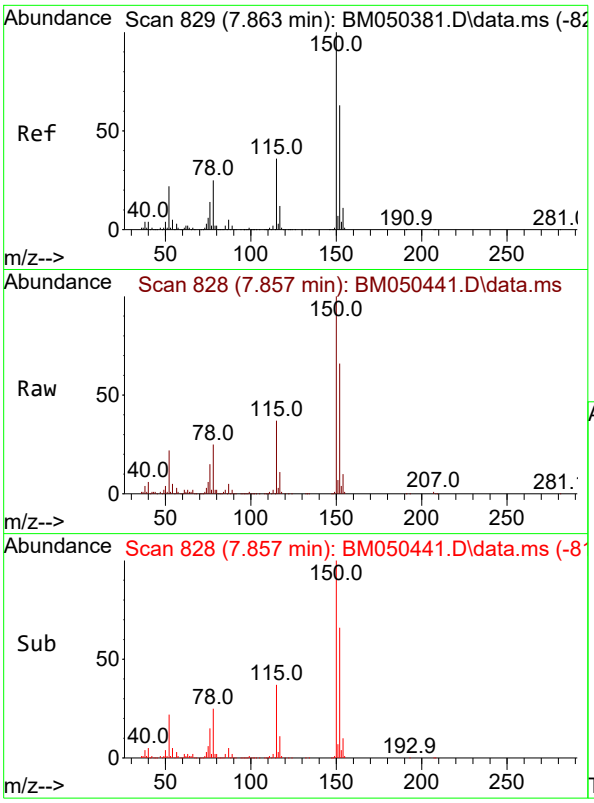


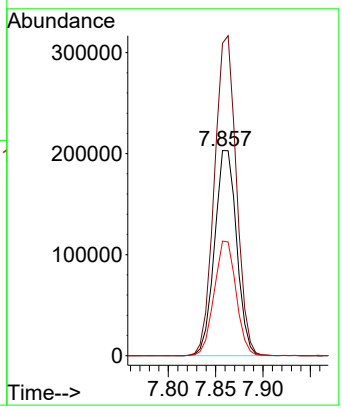


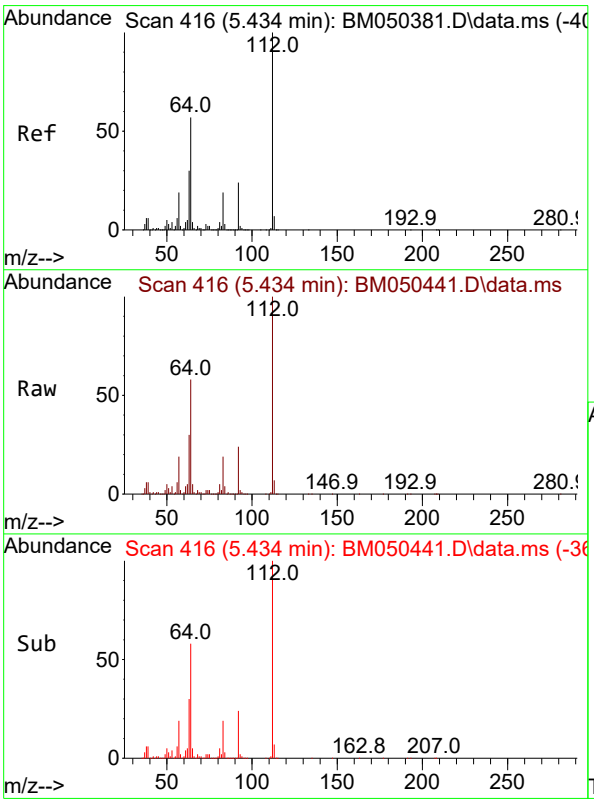

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.857 min Scan# 8
Delta R.T. -0.006 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
FB

Tgt Ion:152 Resp: 329239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.3 | 126.2 | 189.4 |
| 115 | 55.9 | 45.8 | 68.8 |

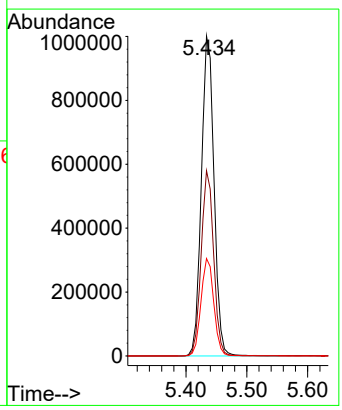


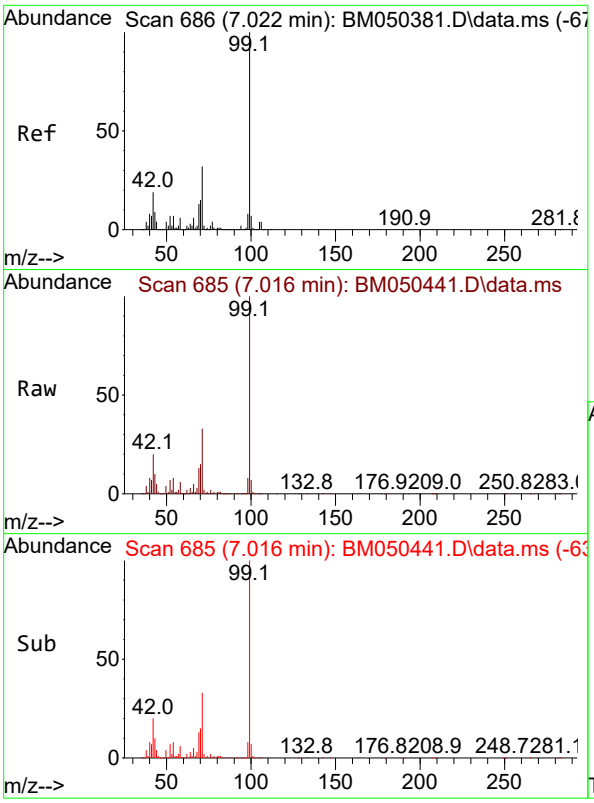




#5
2-Fluorophenol
Concen: 75.478 ng
RT: 5.434 min Scan# 416
Delta R.T. 0.000 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:112 Resp: 1443676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.9 | 45.5 | 68.3 |
| 63 | 30.4 | 24.2 | 36.4 |



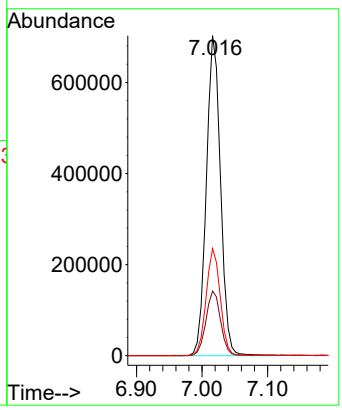


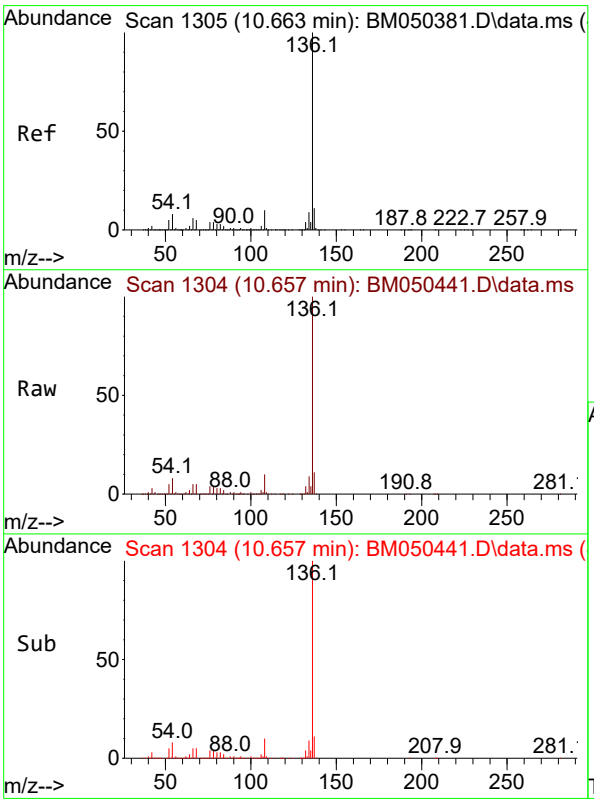

#7
Phenol-d6
Concen: 43.849 ng
RT: 7.016 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
FB

Tgt Ion: 99 Resp: 1057280

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.2 | 15.0 | 22.6 |
| 71 | 33.4 | 25.9 | 38.9 |

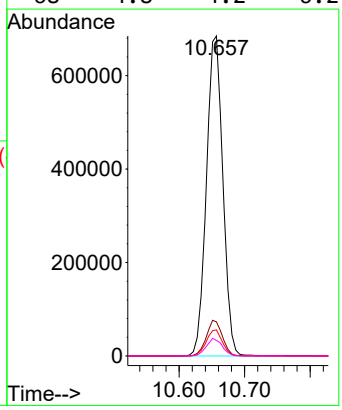


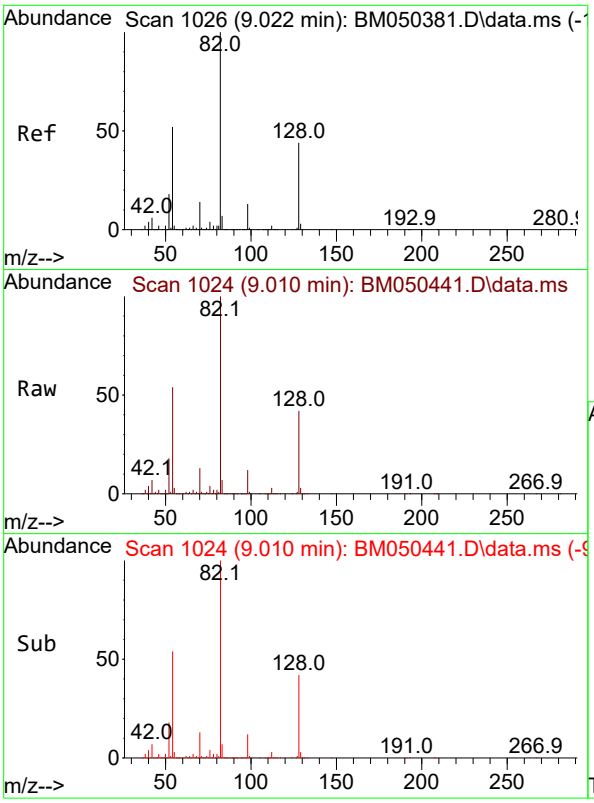




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.657 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:136 Resp: 1195521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.8 | 13.2 |
| 54 | 8.1 | 6.3 | 9.5 |
| 68 | 4.8 | 4.2 | 6.2 |



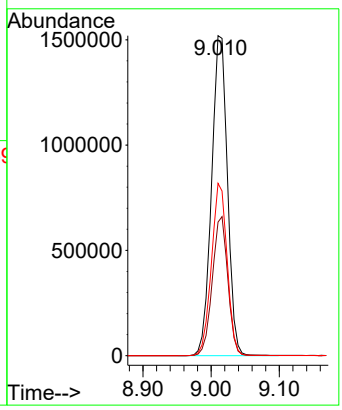


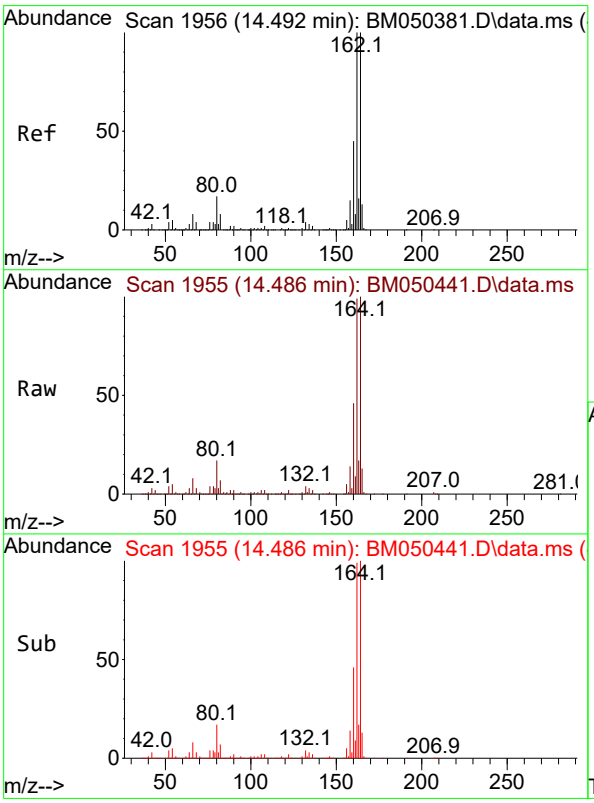

#23
Nitrobenzene-d5
Concen: 105.090 ng
RT: 9.010 min Scan# 1(
Delta R.T. -0.012 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
FB

Tgt Ion: 82 Resp: 2462601

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.8 | 35.2 | 52.8 |
| 54 | 53.9 | 41.5 | 62.3 |

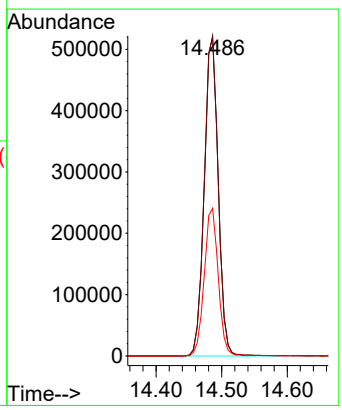


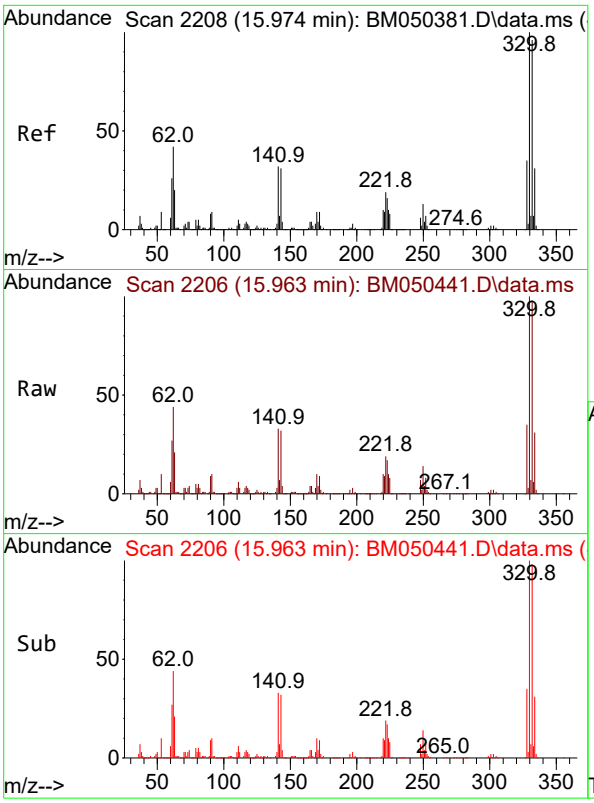




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:164 Resp: 770212

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.4 | 79.9 | 119.9 |
| 160 | 46.1 | 36.2 | 54.4 |



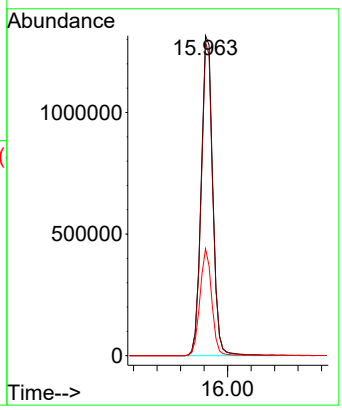


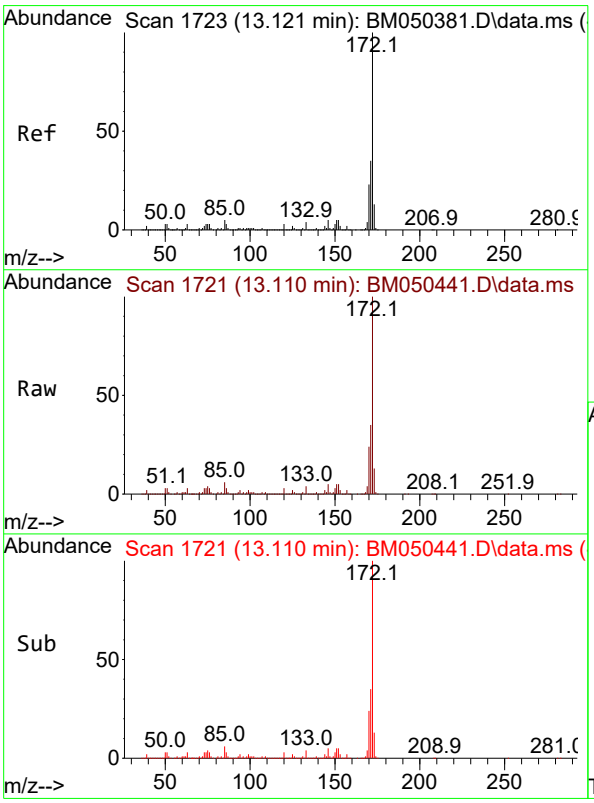

#42
2,4,6-Tribromophenol
Concen: 192.333 ng
RT: 15.963 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
FB

Tgt Ion:330 Resp: 1799877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 76.9 | 115.3 |
| 141 | 34.0 | 27.4 | 41.0 |

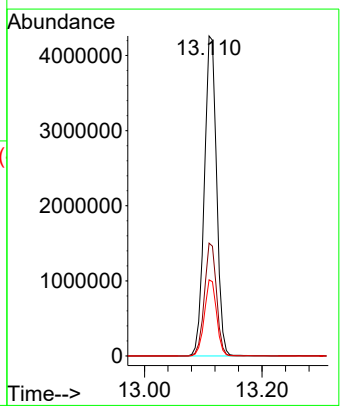


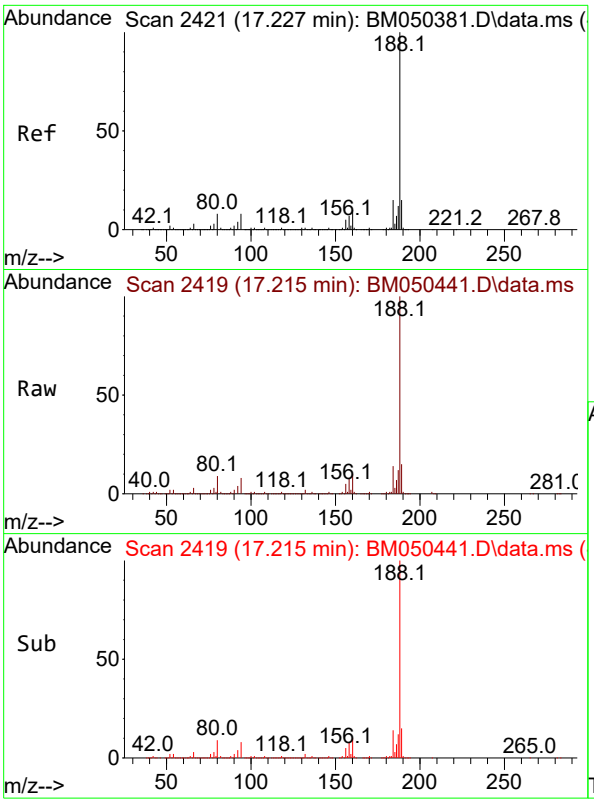




#45
2-Fluorobiphenyl
Concen: 99.175 ng
RT: 13.110 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:172 Resp: 6185426

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 27.7 | 41.5 |
| 170 | 23.8 | 18.8 | 28.2 |



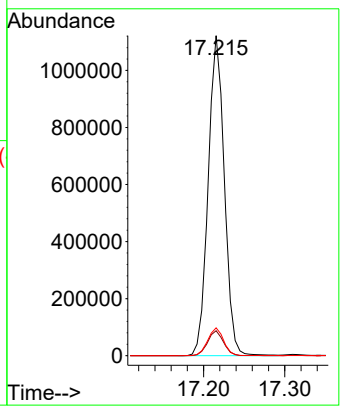


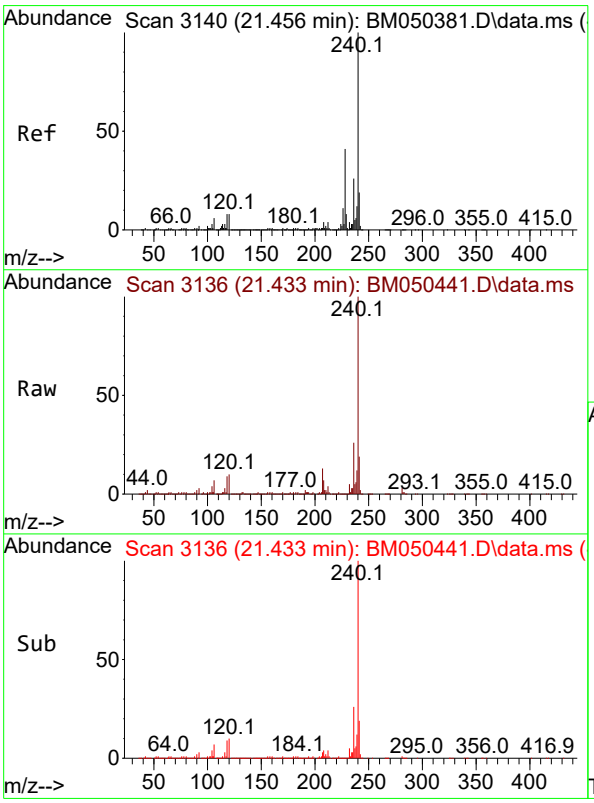

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.215 min Scan# 24
Delta R.T. -0.012 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
FB

Tgt Ion:188 Resp: 1550871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.8 | 6.0 | 9.0 |
| 80 | 8.7 | 6.5 | 9.7 |

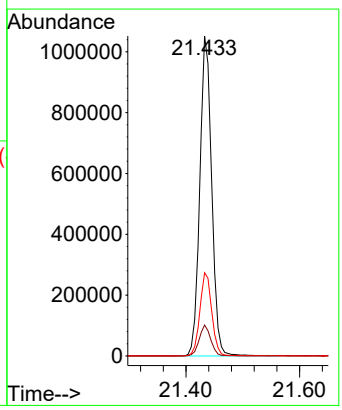


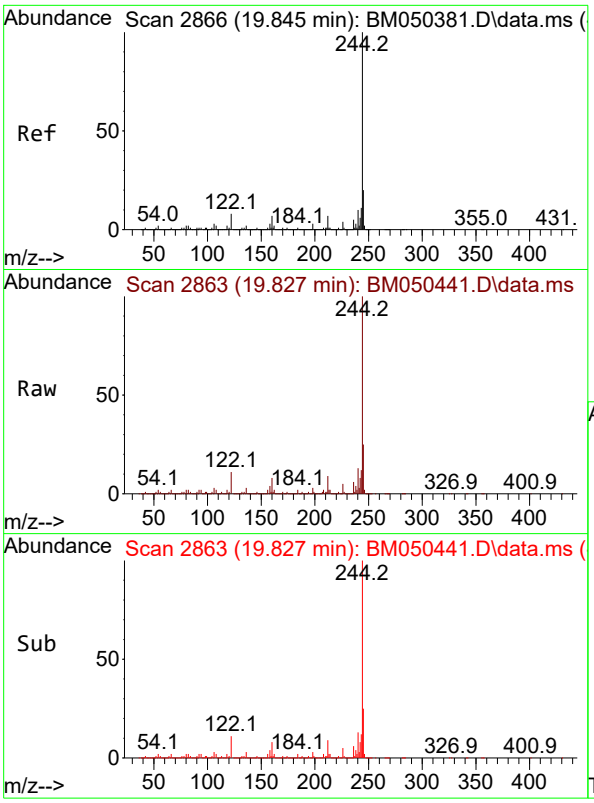




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3136
Delta R.T. -0.023 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:240 Resp: 1527959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.7 | 6.7 | 10.1 |
| 236 | 26.0 | 20.7 | 31.1 |



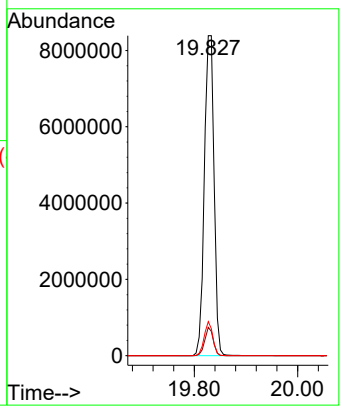


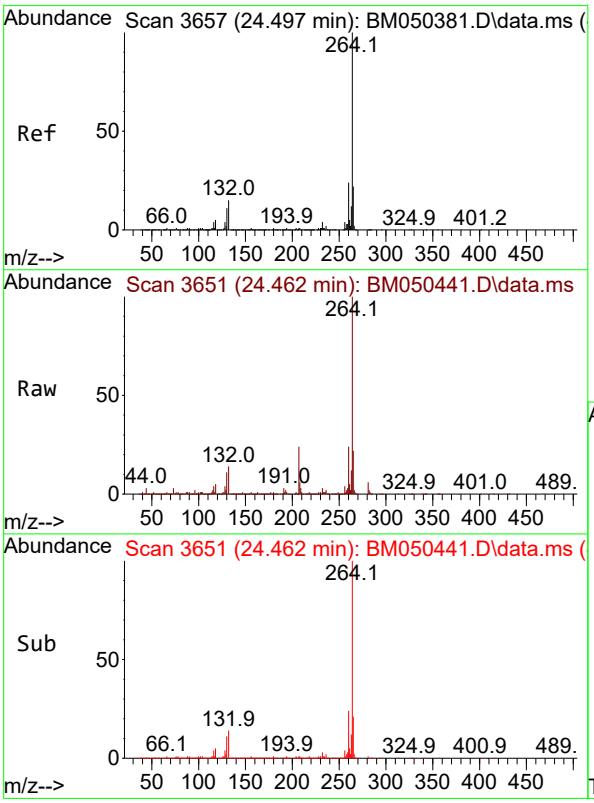

#79
Terphenyl-d14
Concen: 125.804 ng
RT: 19.827 min Scan# 2
Delta R.T. -0.018 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

**Instrument :**
BNA_M
**ClientSampleId :**
FB

Tgt Ion:244 Resp:10925123

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.8 | 5.7 | 8.5# |
| 122 | 10.6 | 6.2 | 9.2# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3651
Delta R.T. -0.035 min
Lab File: BM050441.D
Acq: 15 Jul 2025 00:53

Tgt Ion:264 Resp: 1560808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.2 | 28.8 |
| 265 | 22.1 | 17.8 | 26.6 |