Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
Data File : BM049843.D
Acq On : 07 Apr 2025 17:20
Operator : RC/JU
Sample : Q1738-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
OK-02-040425

Quant Time: Apr 07 18:17:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 14:55:34 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.787 | 152 | 399258 | 20.000 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.581 | 136 | 1368713 | 20.000 | ng | -0.02 |
| 39) Acenaphthene-d10 | 14.427 | 164 | 867607 | 20.000 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.168 | 188 | 1679570 | 20.000 | ng | -0.02 |
| 76) Chrysene-d12 | 21.409 | 240 | 1628695 | 20.000 | ng | -0.02 |
| 86) Perylene-d12 | 24.415 | 264 | 1858657 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.369 | 112 | 394979 | 16.692 | ng | -0.02 |
| 7) Phenol-d6 | 6.957 | 99 | 470727 | 15.852 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.940 | 82 | 275761 | 10.344 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.916 | 330 | 231509 | 22.851 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 13.045 | 172 | 727544 | 10.502 | ng | -0.02 |
| 79) Terphenyl-d14 | 19.798 | 244 | 917089 | 9.489 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |

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

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Operator : RC/JU
Sample : Q1738-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_M
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QLast Update : Thu Mar 13 14:55:34 2025
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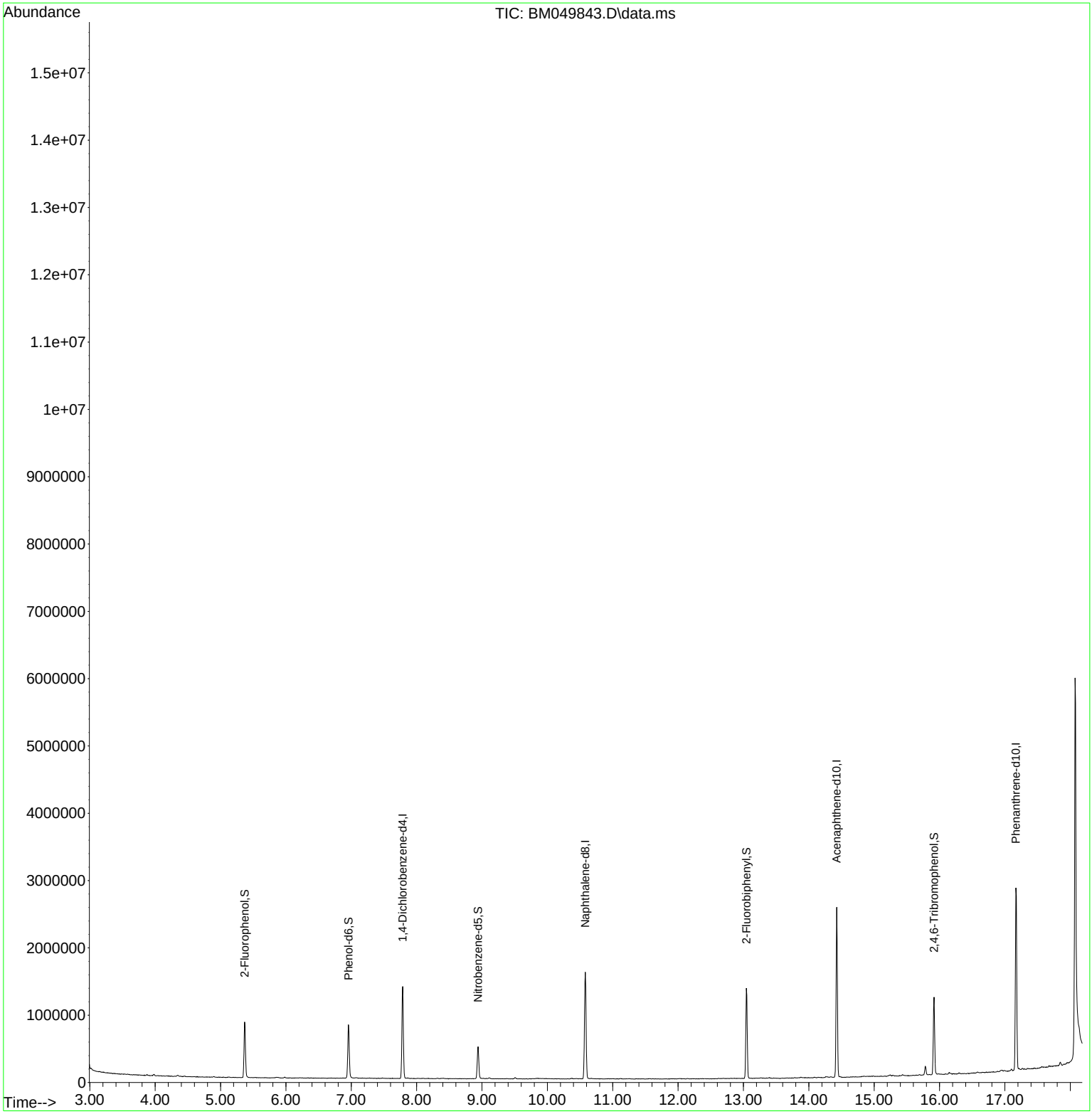

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040725\
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**Instrument :**
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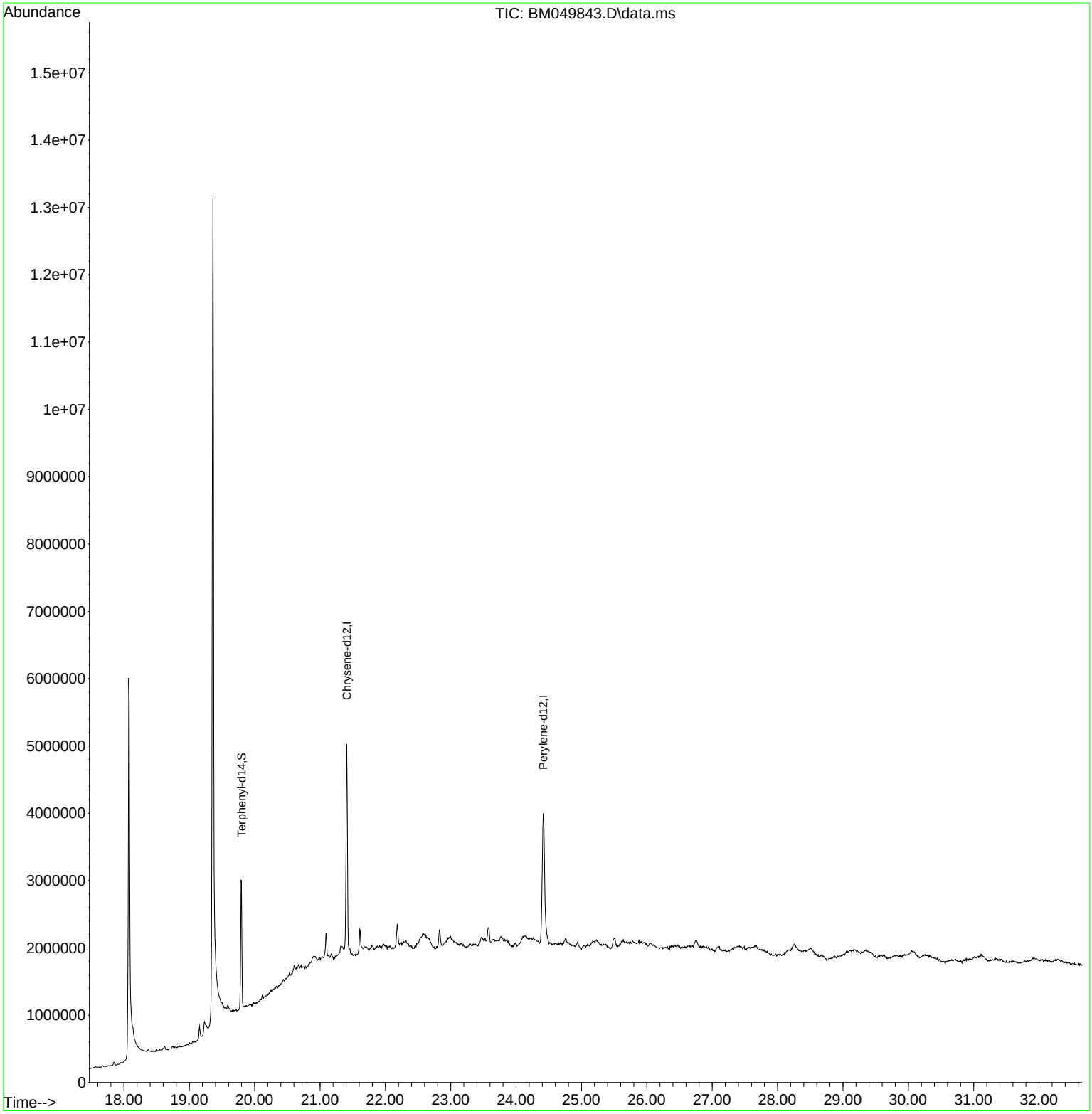
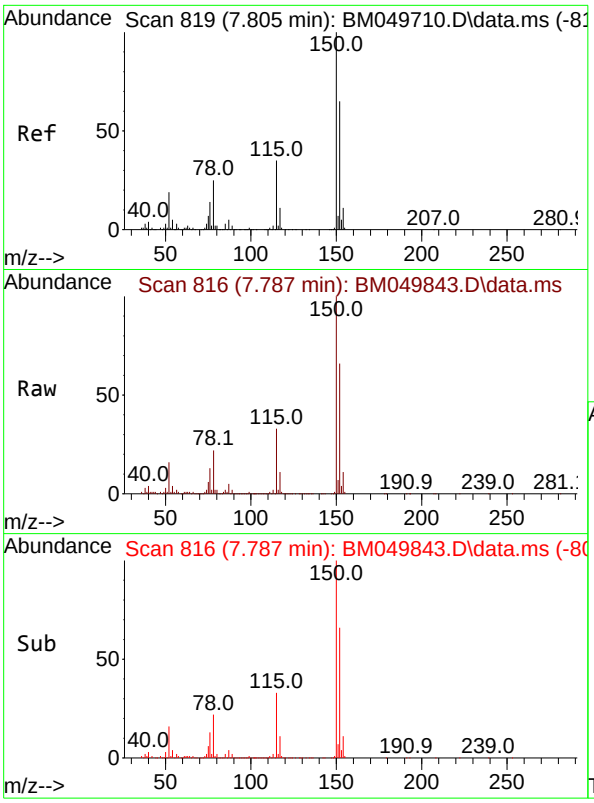


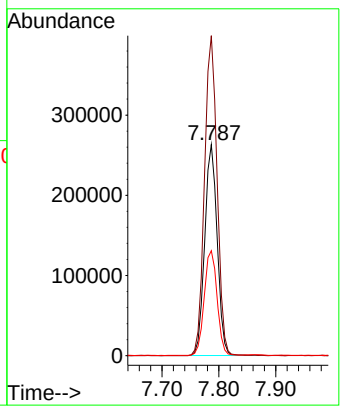


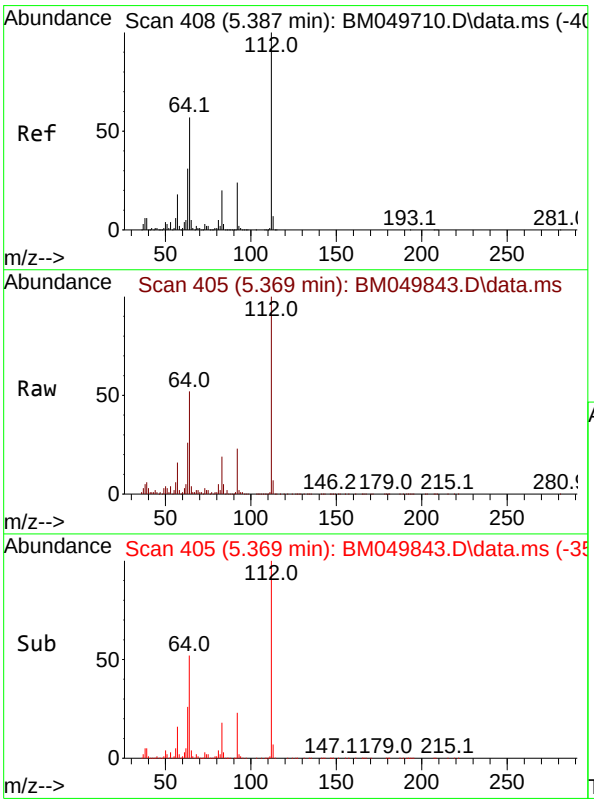

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.787 min Scan# 81
Delta R.T. -0.018 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

**Instrument :**
BNA_M
**ClientSampleId :**
OK-02-040425

Tgt Ion:152 Resp: 399258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.6 | 123.8 | 185.8 |
| 115 | 49.7 | 43.0 | 64.6 |

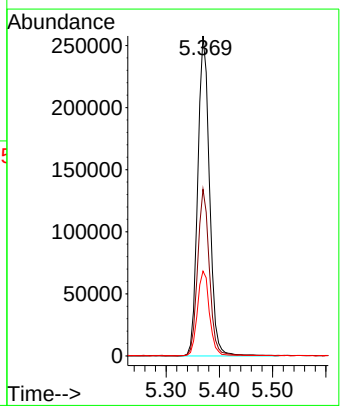


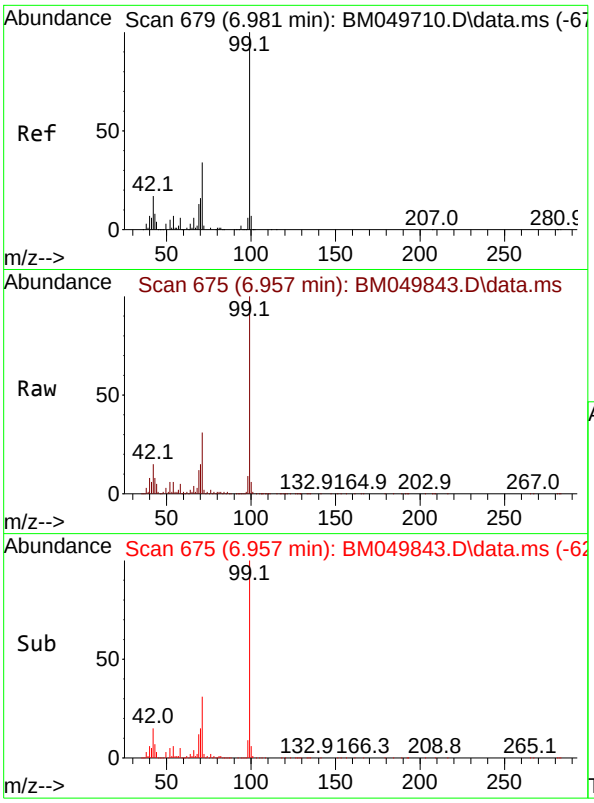




#5
2-Fluorophenol
Concen: 16.692 ng
RT: 5.369 min Scan# 405
Delta R.T. -0.018 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:112 Resp: 394979

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 52.1 | 45.3 | 67.9 |
| 63 | 26.5 | 24.4 | 36.6 |



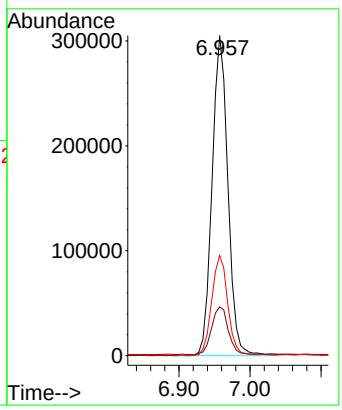


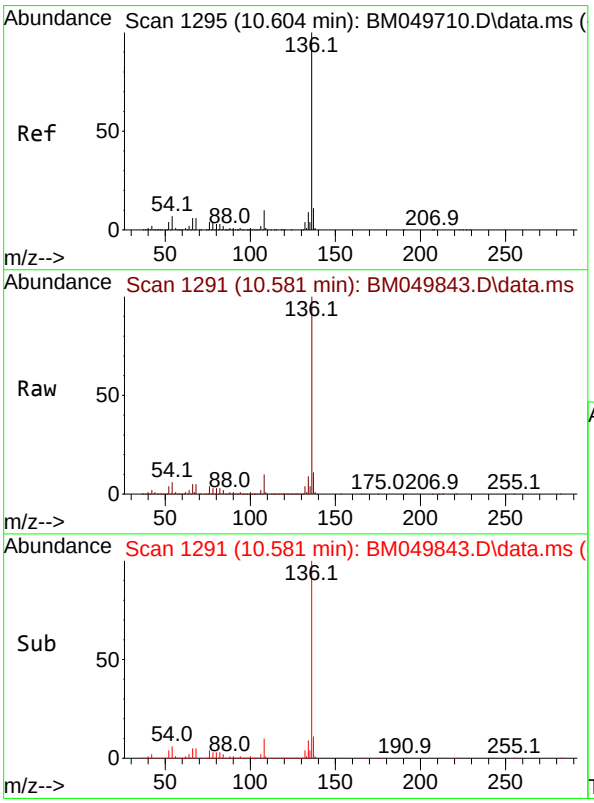

#7
Phenol-d6
Concen: 15.852 ng
RT: 6.957 min Scan# 6
Delta R.T. -0.024 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

**Instrument :**
BNA_M
**ClientSampleId :**
OK-02-040425

Tgt Ion: 99 Resp: 470727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.3 | 13.6 | 20.4 |
| 71 | 31.3 | 27.0 | 40.6 |

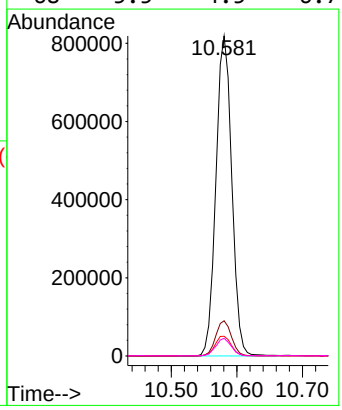


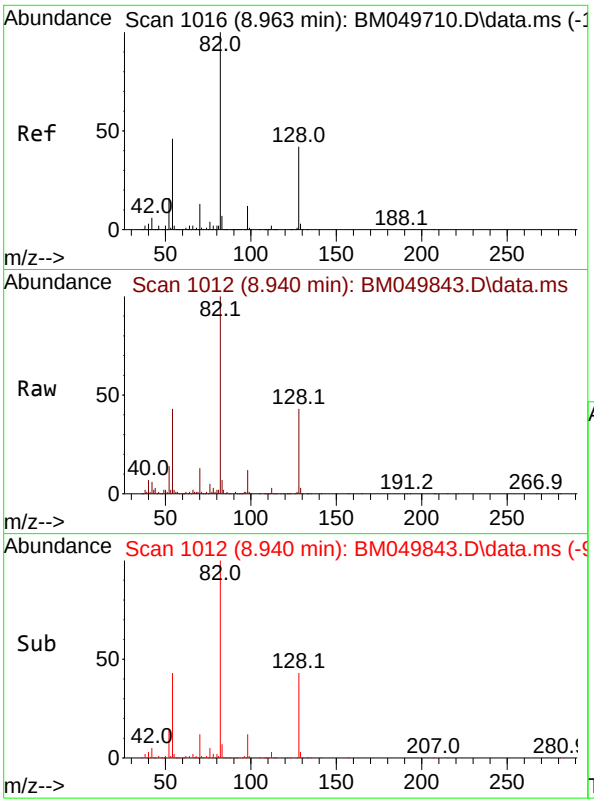




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.024 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:136 Resp: 1368713

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.6 | 12.8 |
| 54 | 6.2 | 5.8 | 8.8 |
| 68 | 5.5 | 4.5 | 6.7 |



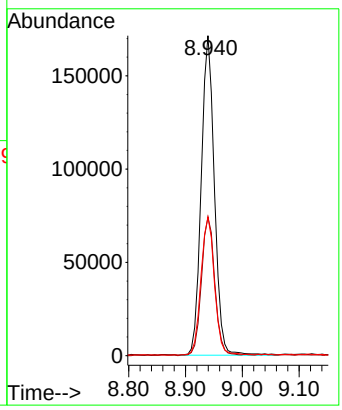


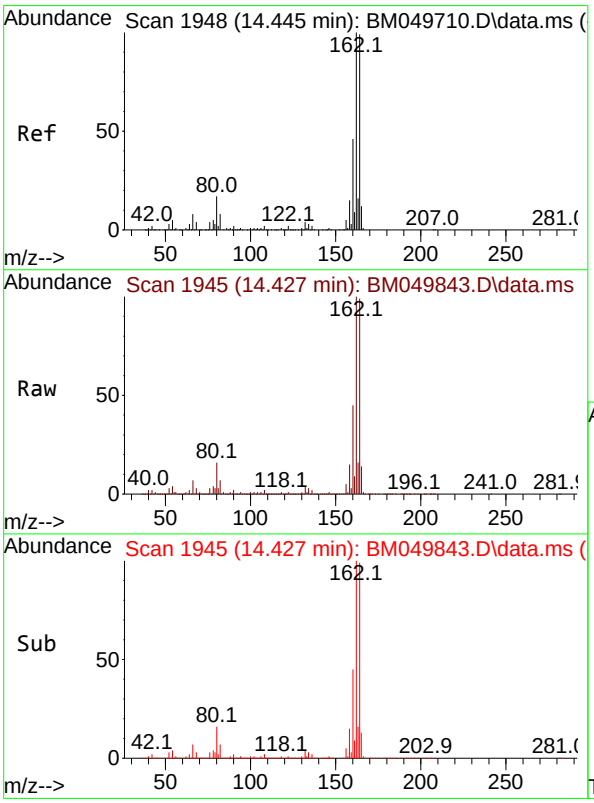

#23
Nitrobenzene-d5
Concen: 10.344 ng
RT: 8.940 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

**Instrument :**
BNA_M
**ClientSampleId :**
OK-02-040425

Tgt Ion: 82 Resp: 275761

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 33.4 | 50.0 |
| 54 | 43.3 | 36.4 | 54.6 |

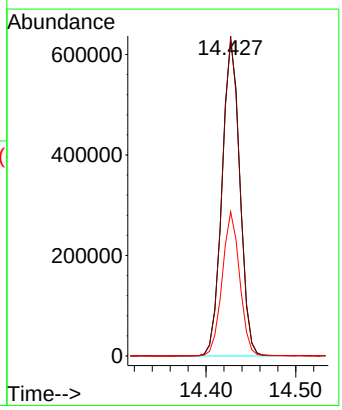


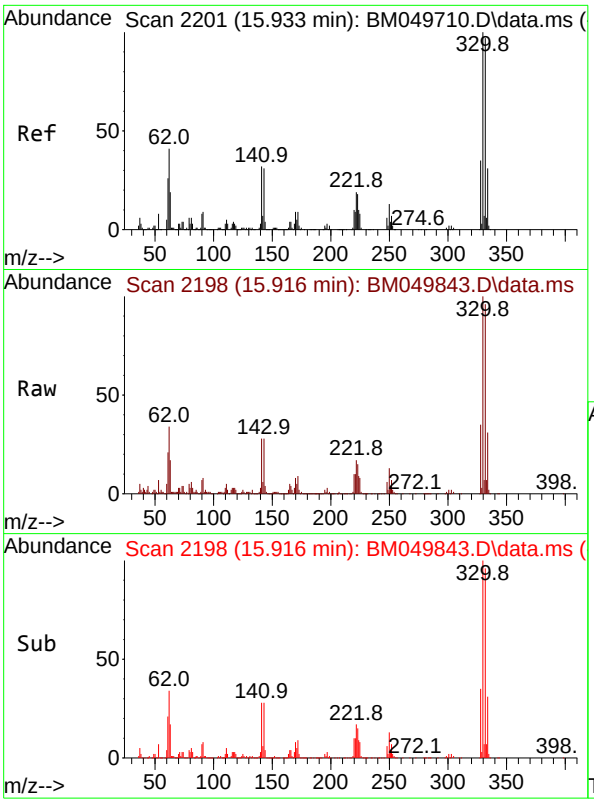




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.018 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:164 Resp: 867607

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 80.5 | 120.7 |
| 160 | 45.8 | 36.9 | 55.3 |



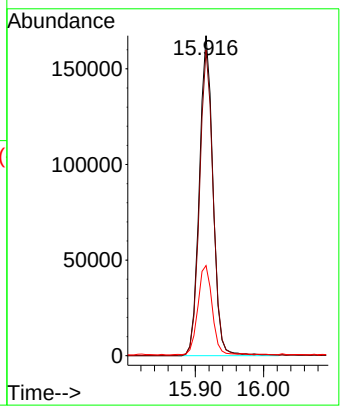


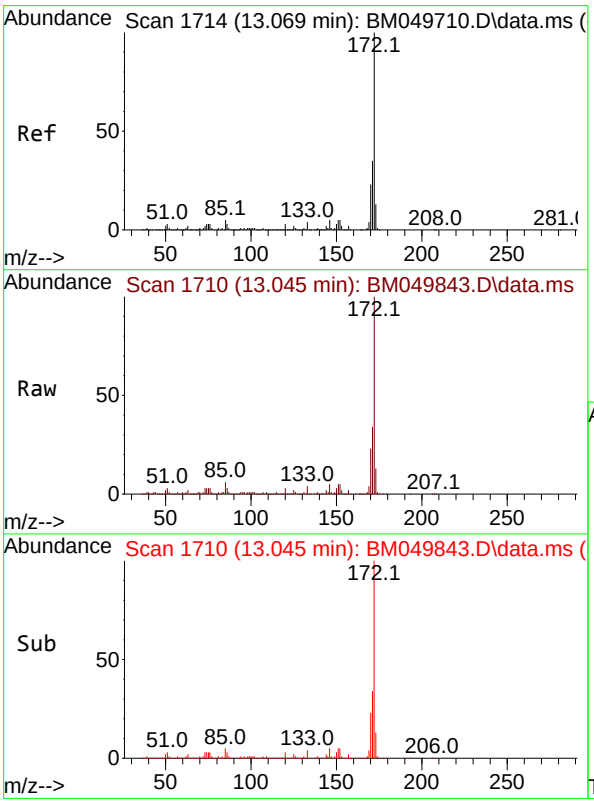

#42
2,4,6-Tribromophenol
Concen: 22.851 ng
RT: 15.916 min Scan# 21
Delta R.T. -0.017 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

**Instrument :**
BNA_M
**ClientSampleId :**
OK-02-040425

Tgt Ion:330 Resp: 231509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.8 | 77.0 | 115.4 |
| 141 | 29.6 | 27.8 | 41.6 |

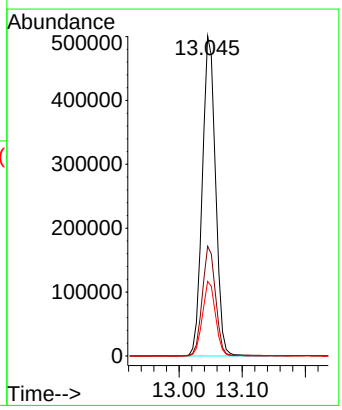


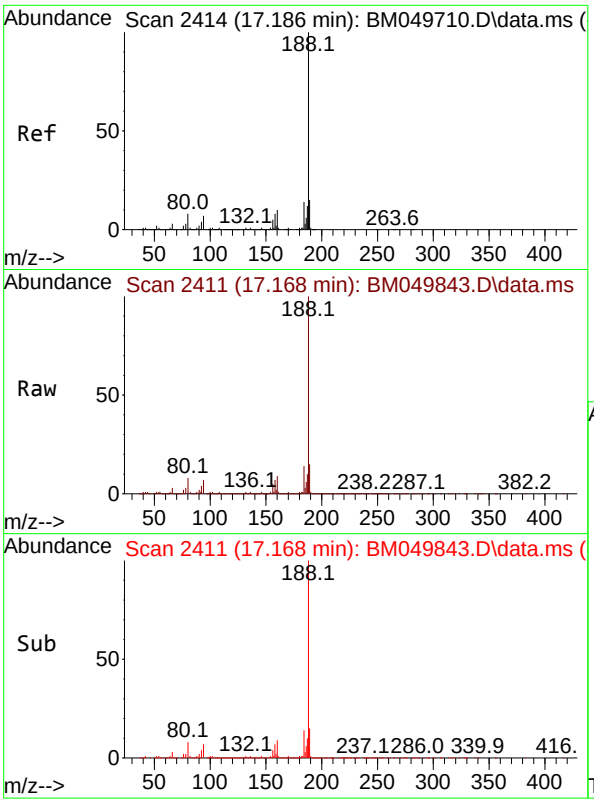




#45
2-Fluorobiphenyl
Concen: 10.502 ng
RT: 13.045 min Scan# 1710
Delta R.T. -0.024 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:172 Resp: 727544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.3 | 27.9 | 41.9 |
| 170 | 23.3 | 18.6 | 28.0 |



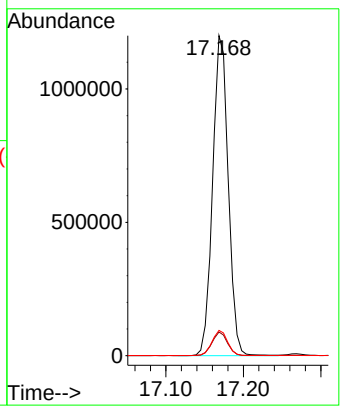


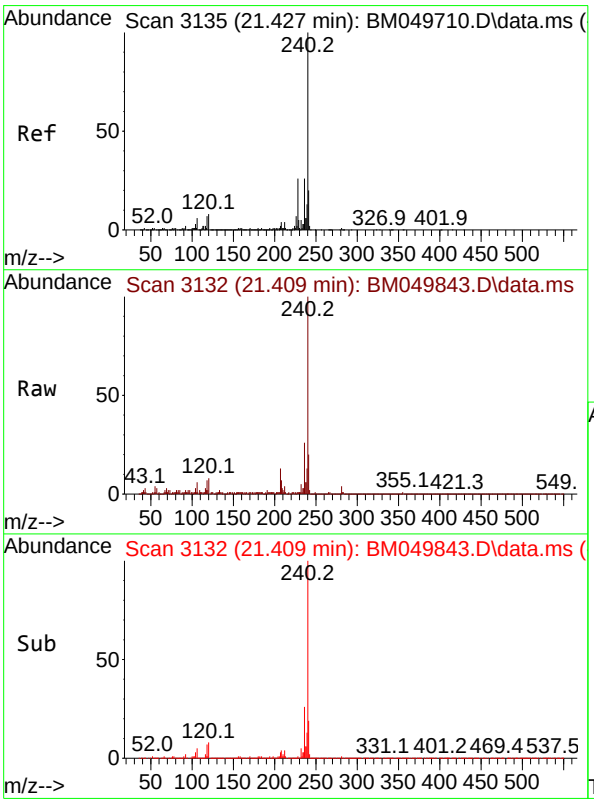

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.168 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

**Instrument :**
BNA_M
**ClientSampleId :**
OK-02-040425

Tgt Ion:188 Resp: 1679570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 5.8 | 8.6 |
| 80 | 7.9 | 6.3 | 9.5 |

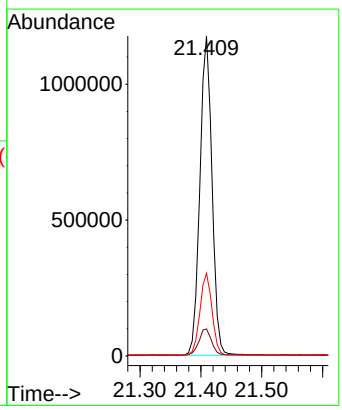


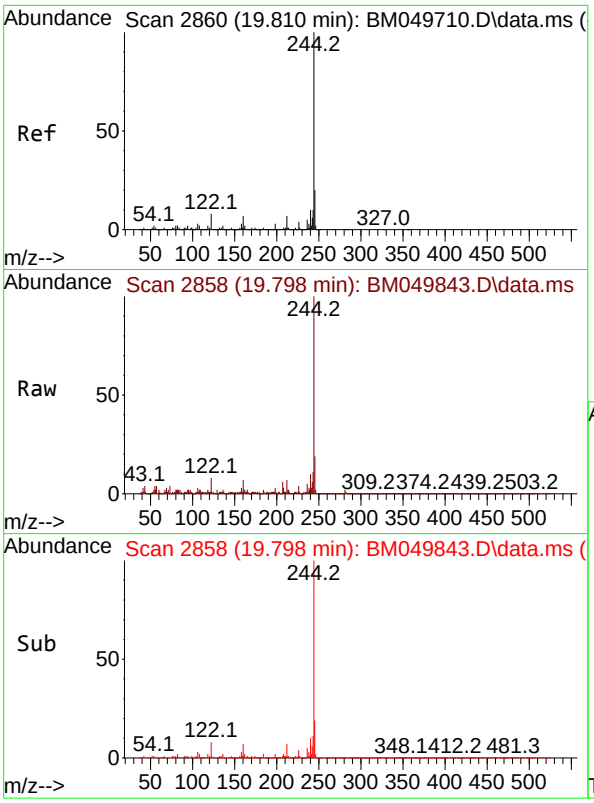




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.409 min Scan# 3132
Delta R.T. -0.018 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:240 Resp: 1628695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.5 | 6.5 | 9.7 |
| 236 | 25.8 | 20.7 | 31.1 |



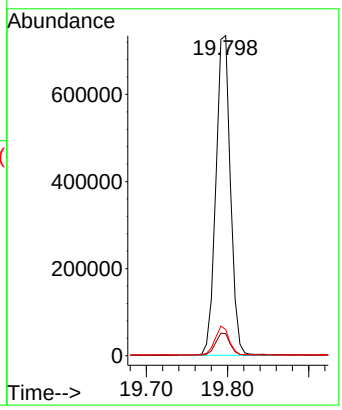


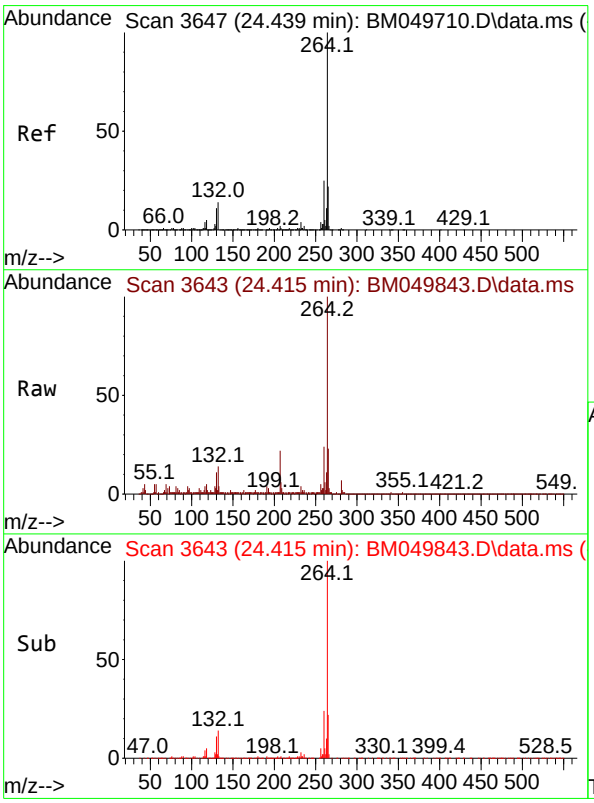

#79
Terphenyl-d14
Concen: 9.489 ng
RT: 19.798 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

**Instrument :**
BNA_M
**ClientSampleId :**
OK-02-040425

Tgt Ion:244 Resp: 917089

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 5.8 | 8.6 |
| 122 | 8.1 | 6.0 | 9.0 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.415 min Scan# 3643
Delta R.T. -0.024 min
Lab File: BM049843.D
Acq: 07 Apr 2025 17:20

Tgt Ion:264 Resp: 1858657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 19.6 | 29.4 |
| 265 | 23.1 | 18.2 | 27.2 |