Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM123124\
Data File : BM049302.D
Acq On : 31 Dec 2024 13:14
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC2.5

Quant Time: Dec 31 22:10:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 22:05:37 2024
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.528 | 152 | 150944 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.292 | 136 | 537600 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.169 | 164 | 339236 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.921 | 188 | 713902 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.151 | 240 | 640281 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.933 | 264 | 739388 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 0.000 | 112 | 0d | 0.000 | ng | |
| 7) Phenol-d6 | 0.000 | 99 | 0d | 0.000 | ng | |
| 23) Nitrobenzene-d5 | 0.000 | 82 | 0d | 0.000 | ng | |
| 42) 2,4,6-Tribromophenol | 0.000 | 330 | 0d | 0.000 | ng | |
| 45) 2-Fluorobiphenyl | 0.000 | 172 | 0d | 0.000 | ng | |
| 79) Terphenyl-d14 | 0.000 | 244 | 0d | 0.000 | ng | |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 8.334 | 70 | 17676 | 2.389 | ng | # 98 |

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

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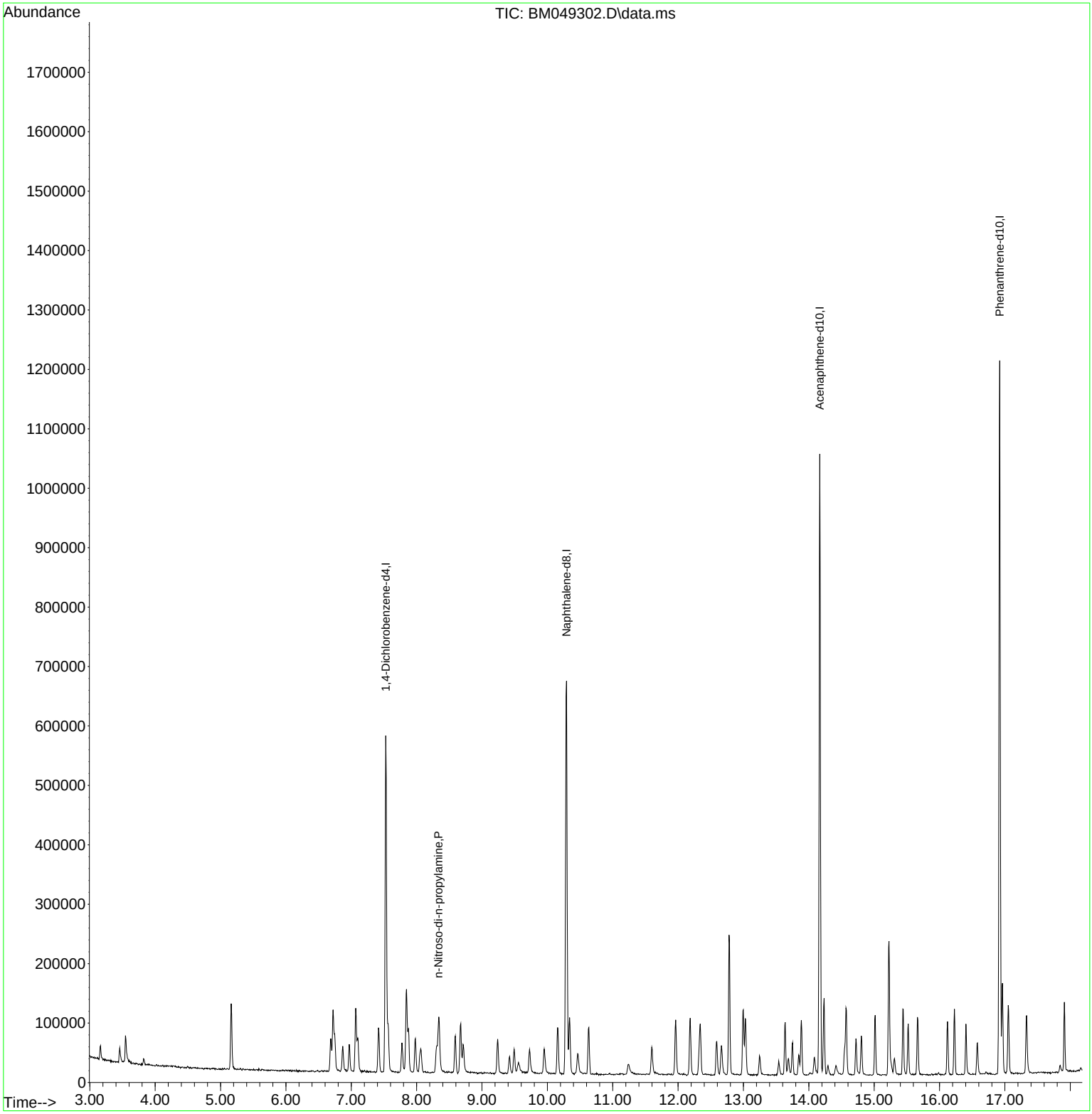
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 22:05:37 2024
Response via : Initial Calibration



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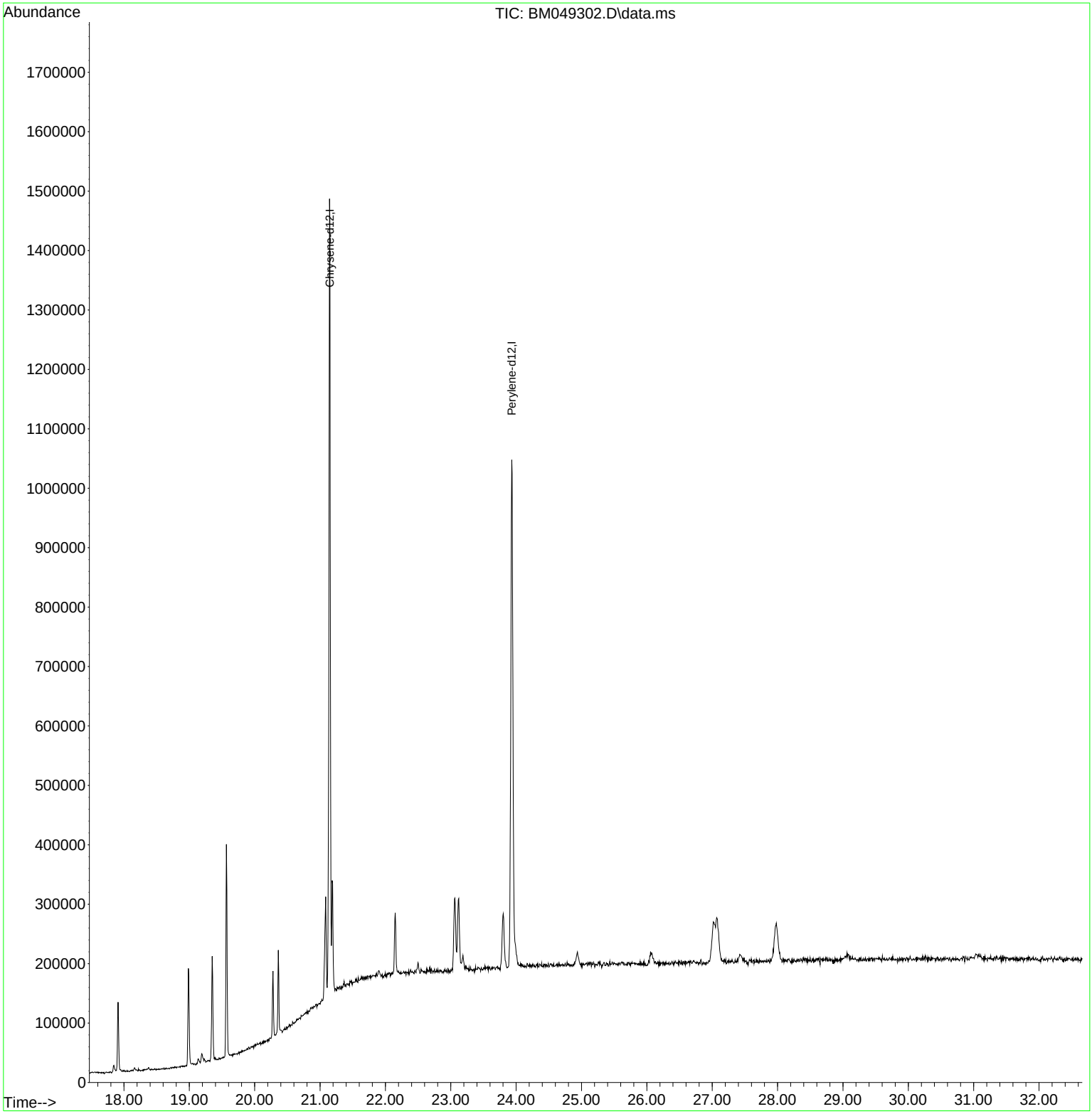
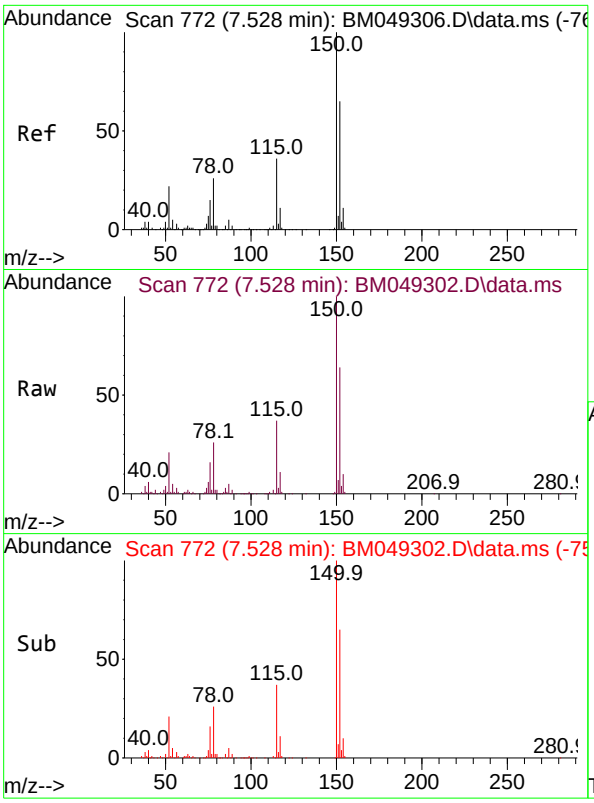


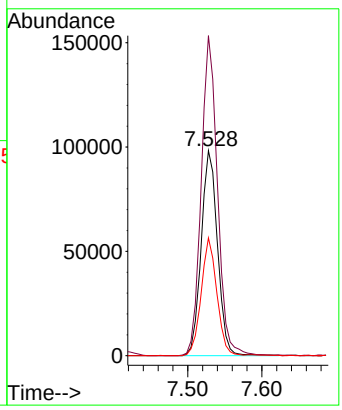


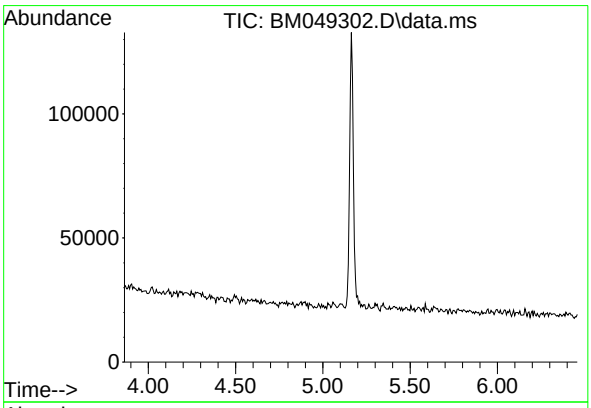

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.528 min Scan# 7
Delta R.T. -0.000 min
Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:152 Resp: 150944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 122.2 | 183.2 |
| 115 | 57.5 | 44.5 | 66.7 |



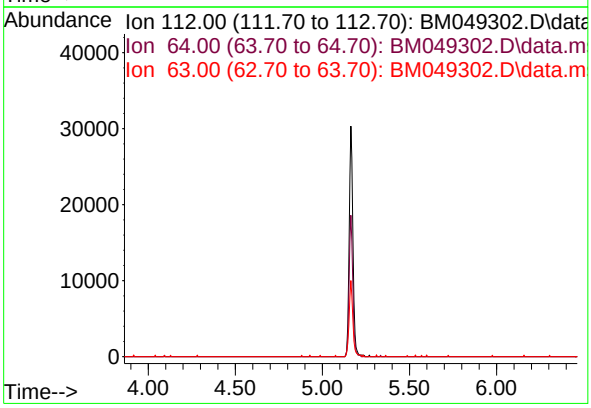



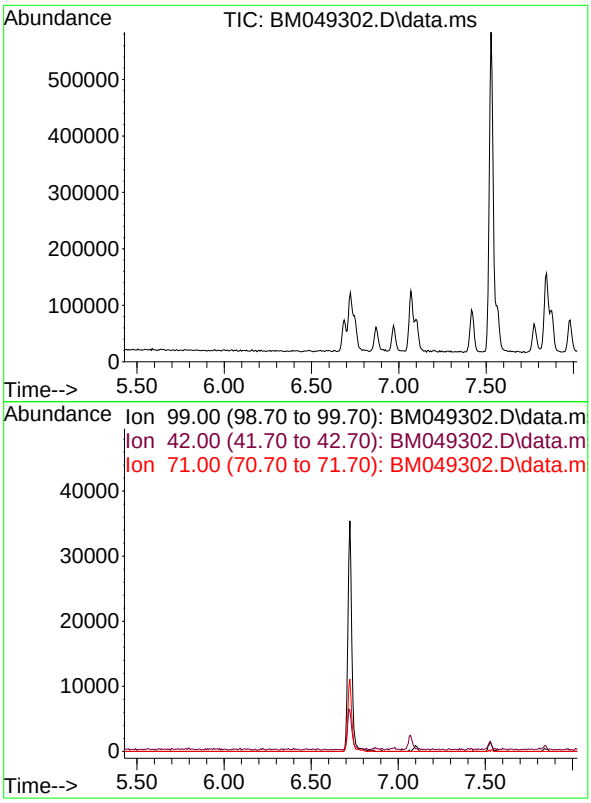

#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.16 min

Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

Tgt Ion: 112

| Sig | Exp Ratio |
|---|---|
| 112 | 100 |
| 64 | 60.3 |
| 63 | 30.8 |





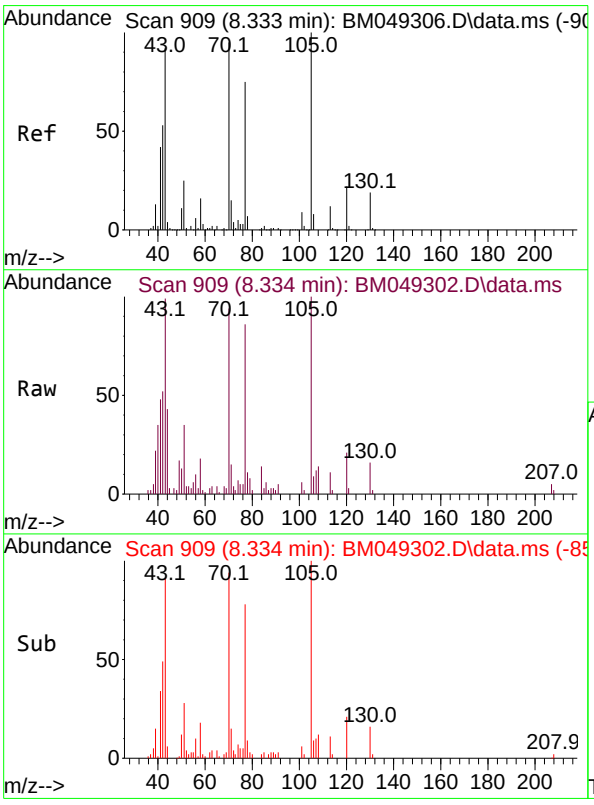

#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.73 min

Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 99

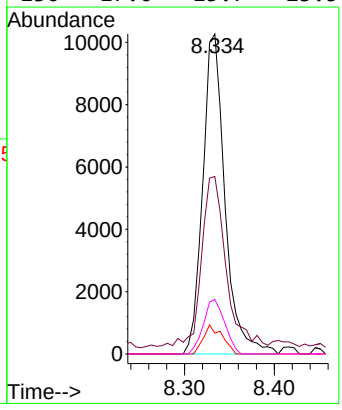
| Sig | Exp Ratio |
|---|---|
| 99 | 100 |
| 42 | 17.3 |
| 71 | 32.0 |

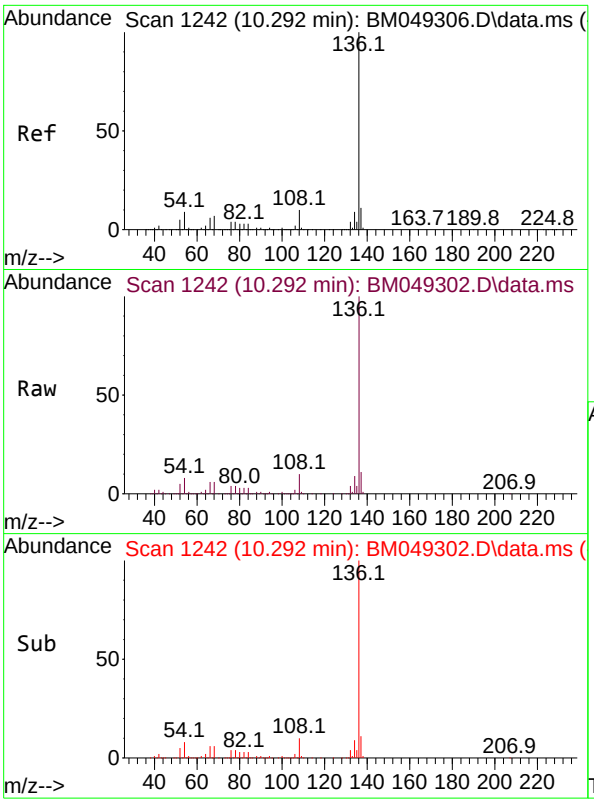



#19
n-Nitroso-di-n-propylamine
Concen: 2.389 ng
RT: 8.334 min Scan# 909
Delta R.T. 0.000 min
Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

Tgt Ion: 70 Resp: 17676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 55.4 | 44.5 | 66.7 |
| 101 | 6.5 | 7.2 | 10.8# |
| 130 | 17.0 | 15.7 | 23.5 |



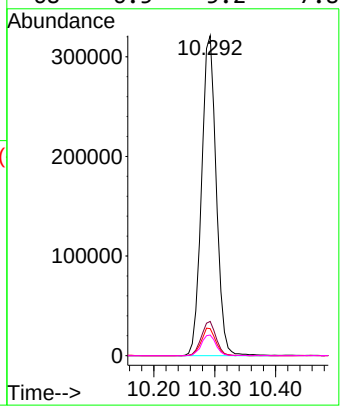


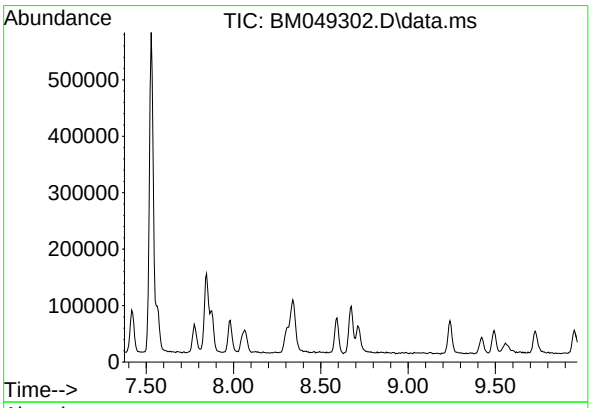

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.292 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:136 Resp: 537600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.7 | 13.1 |
| 54 | 8.4 | 6.8 | 10.2 |
| 68 | 6.5 | 5.2 | 7.8 |



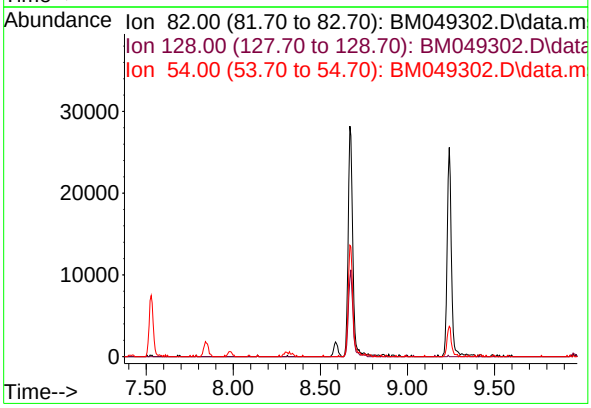



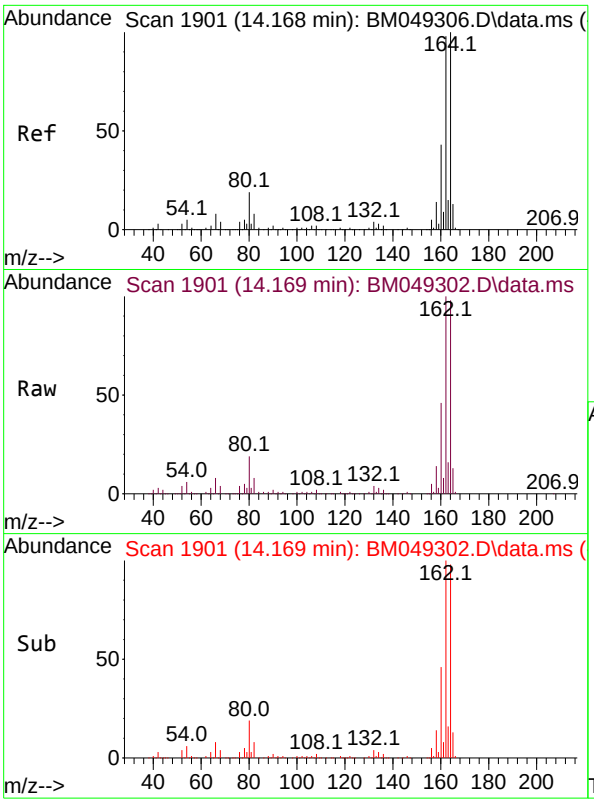

#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.67 min

Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

Tgt Ion: 82

| Sig | Exp Ratio |
|---|---|
| 82 | 100 |
| 128 | 41.0 |
| 54 | 48.3 |



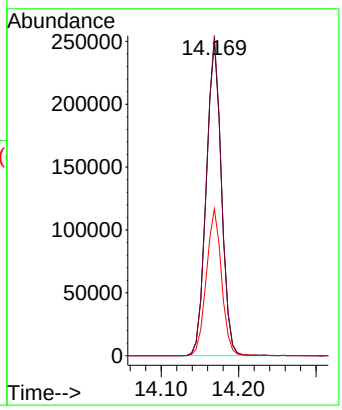


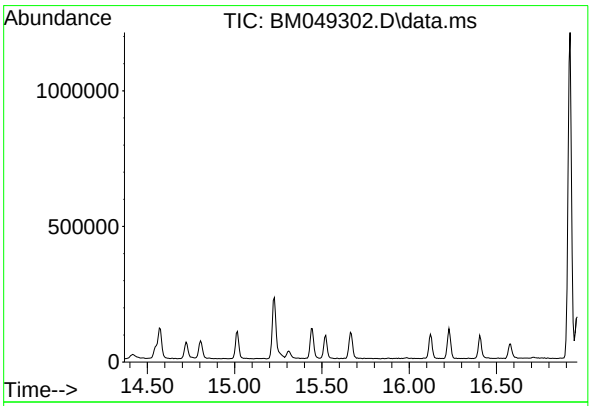

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:164 Resp: 339236

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 78.4 | 117.6 |
| 160 | 46.7 | 34.8 | 52.2 |



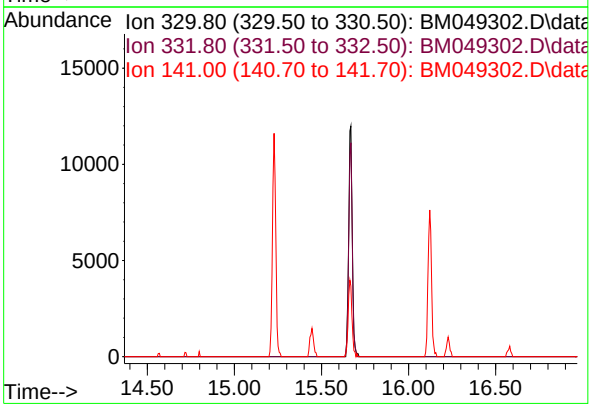



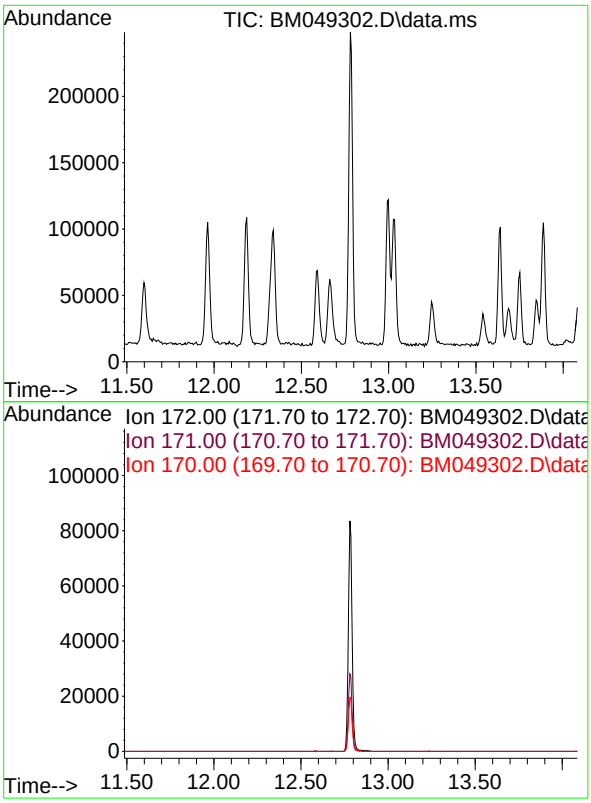

#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.67 min

Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

Tgt Ion: 330

| Sig | Exp Ratio |
|---|---|
| 330 | 100 |
| 332 | 97.4 |
| 141 | 34.0 |





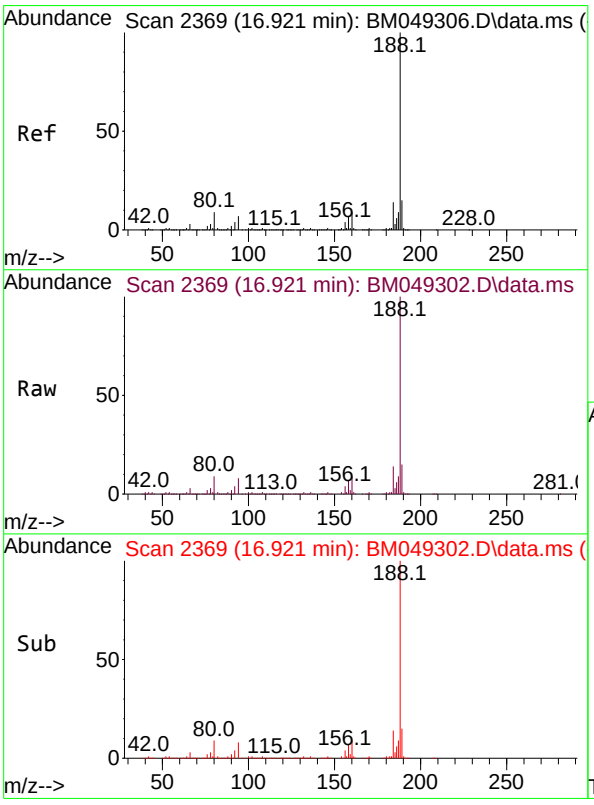

#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 12.79 min

Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC2.5

Tgt Ion: 172

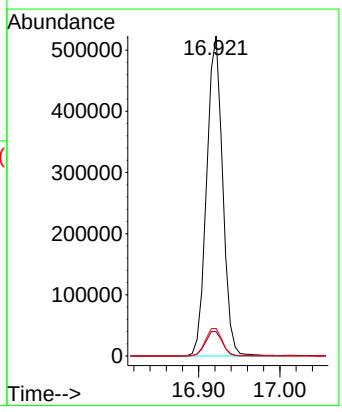
| Sig | Exp Ratio |
|---|---|
| 172 | 100 |
| 171 | 34.5 |
| 170 | 23.0 |

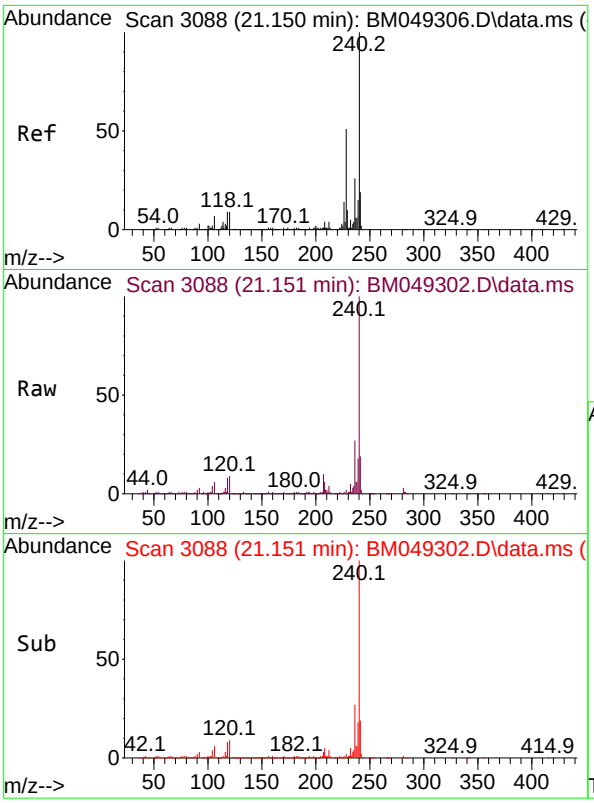



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.921 min Scan# 2369
Delta R.T. 0.000 min
Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

Tgt Ion:188 Resp: 713902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.6 | 6.0 | 9.0 |
| 80 | 8.6 | 7.0 | 10.6 |



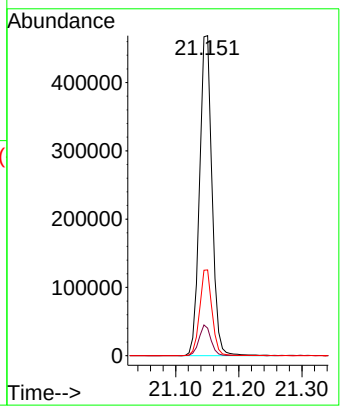


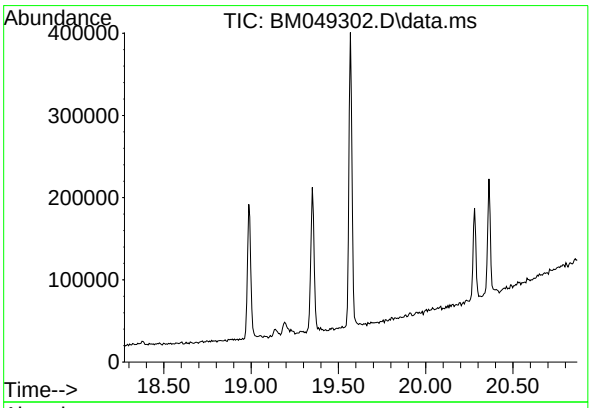

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.151 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:240 Resp: 640281

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.6 | 7.0 | 10.6 |
| 236 | 26.8 | 21.0 | 31.4 |



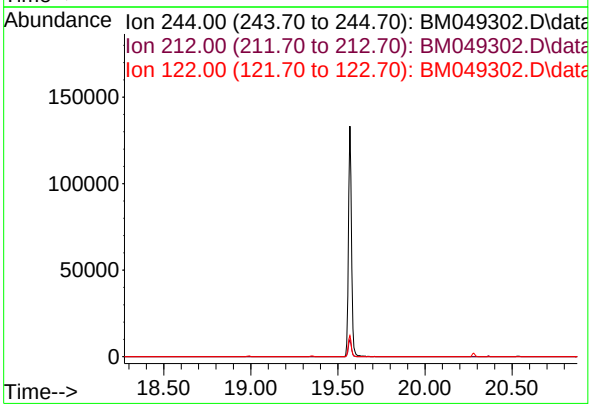



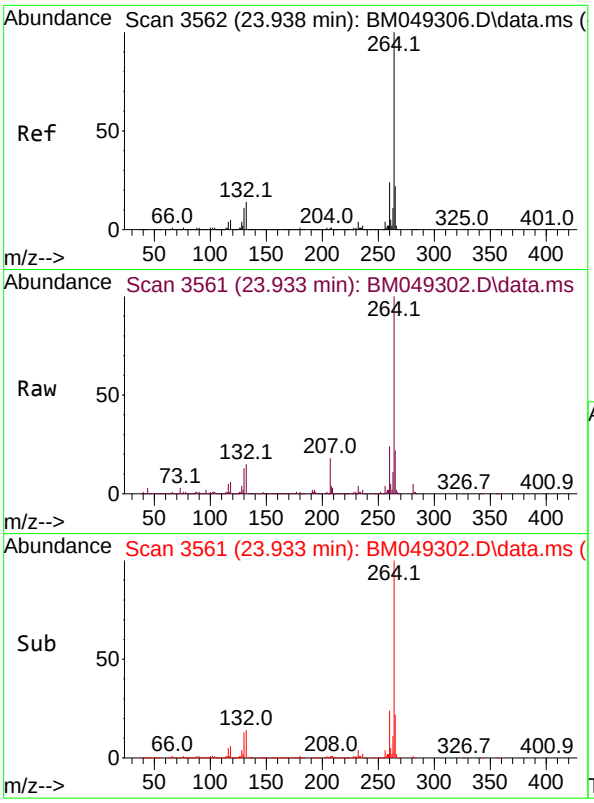

#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.57 min

Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

Tgt Ion: 244

| Sig | Exp Ratio |
|---|---|
| 244 | 100 |
| 212 | 6.6 |
| 122 | 7.6 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 23.933 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM049302.D
Acq: 31 Dec 2024 13:14

**Instrument :**
BNA_M
**ClientSampleId :**
SSTDICC2.5

Tgt Ion:264 Resp: 739388

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.1 | 28.7 |
| 265 | 22.2 | 17.8 | 26.8 |