Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Quant Time: May 02 01:11:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

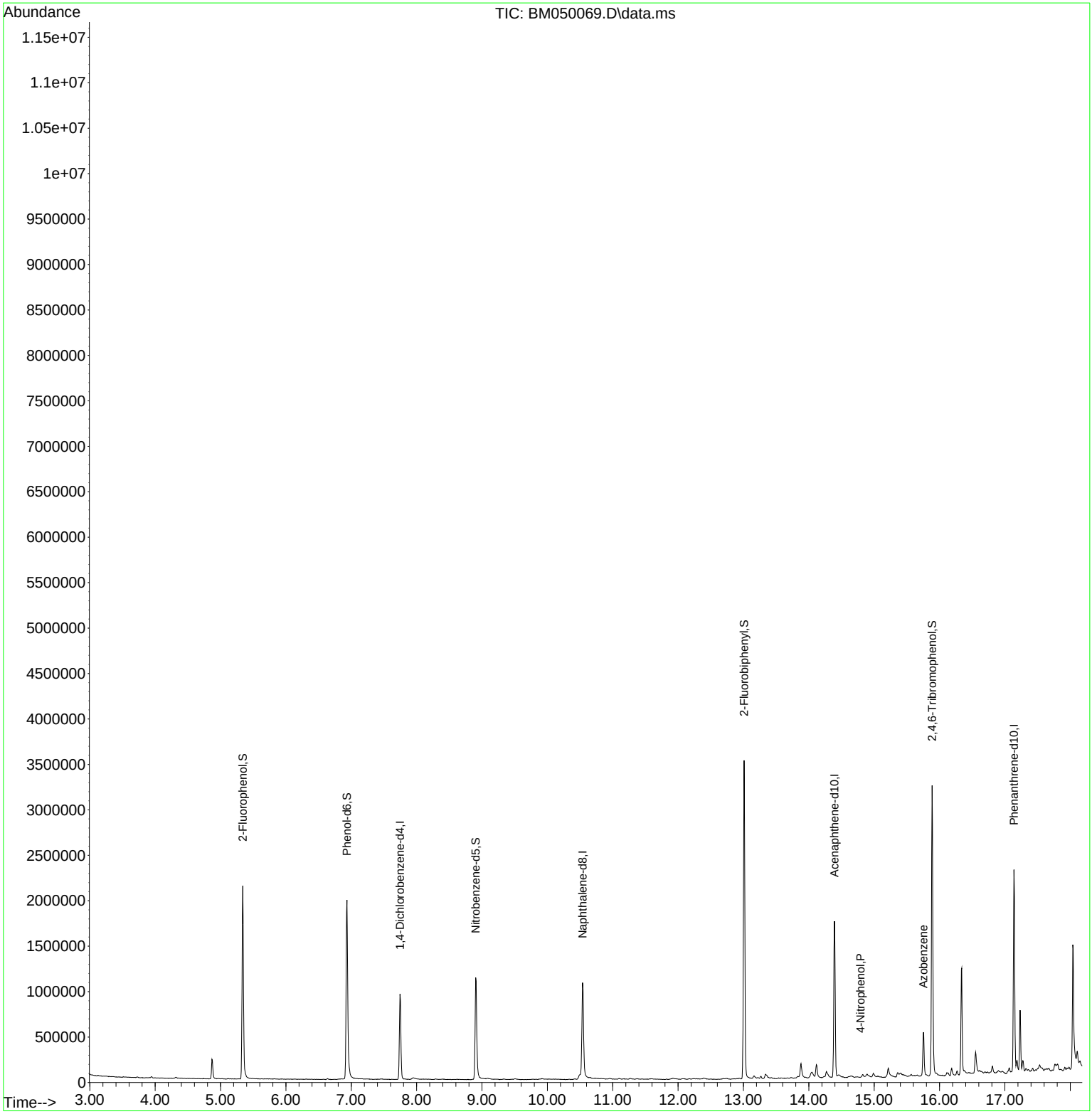
| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.745 | 152 | 272398 | 20.000 | ng | | -0.02 |
| 21) Naphthalene-d8 | 10.539 | 136 | 960084 | 20.000 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.392 | 164 | 636564 | 20.000 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.139 | 188 | 1316301 | 20.000 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.380 | 240 | 1386446 | 20.000 | ng | | -0.02 |
| 86) Perylene-d12 | 24.368 | 264 | 1453416 | 20.000 | ng | | -0.04 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.340 | 112 | 968373 | 62.251 | ng | | -0.02 |
| 7) Phenol-d6 | 6.934 | 99 | 1309521 | 66.976 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 8.904 | 82 | 728112 | 37.370 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.886 | 330 | 626847 | 66.598 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 13.010 | 172 | 1921879 | 35.716 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.768 | 244 | 3246943 | 34.654 | ng | | -0.01 |
| Target Compounds | | | | | | | Qvalue |
| 56) 4-Nitrophenol | 14.792 | 139 | 1213 | 4.687 | ng | | 90 |
| 63) Azobenzene | 15.751 | 77 | 136141 | 3.706 | ng | # | 1 |
| 75) Fluoranthene | 19.203 | 202 | 231945 | 2.661 | ng | | 99 |
| 78) Pyrene | 19.562 | 202 | 443068 | 4.551 | ng | | 99 |
| 81) Benzo(a)anthracene | 21.362 | 228 | 556207 | 5.826 | ng | | 98 |
| 83) Chrysene | 21.421 | 228 | 571490 | 6.467 | ng | | 100 |
| 87) Indeno(1,2,3-cd)pyrene | 27.744 | 276 | 363937 | 3.361 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 23.427 | 252 | 923170 | 9.767 | ng | # | 97 |
| 89) Benzo(k)fluoranthene | 23.427 | 252 | 923170 | 9.656 | ng | # | 97 |
| 90) Benzo(a)pyrene | 24.227 | 252 | 528653 | 5.972 | ng | | 97 |
| 92) Benzo(g,h,i)perylene | 28.797 | 276 | 340020 | 4.023 | ng | | 97 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Quant Time: May 02 01:11:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration

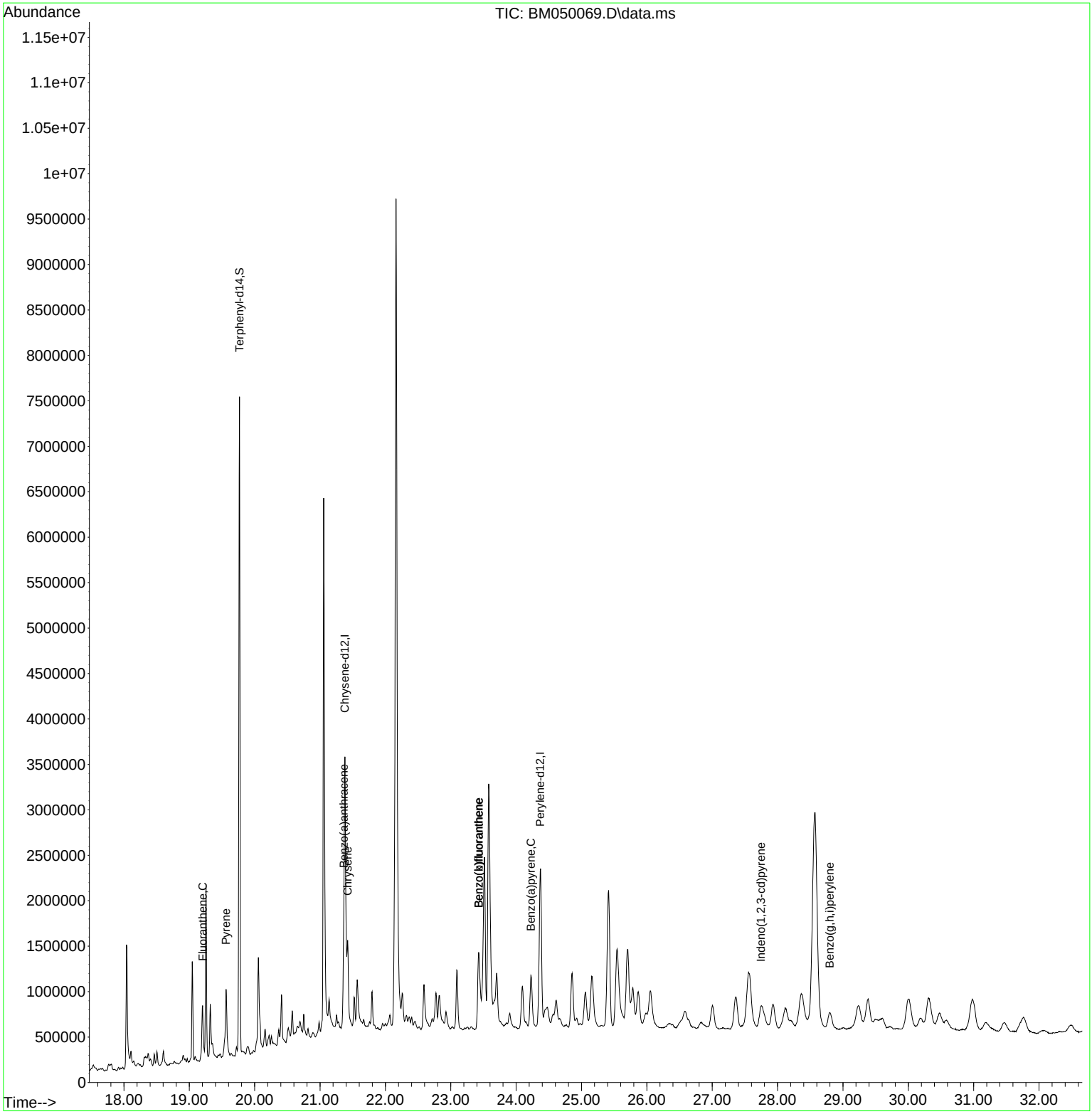


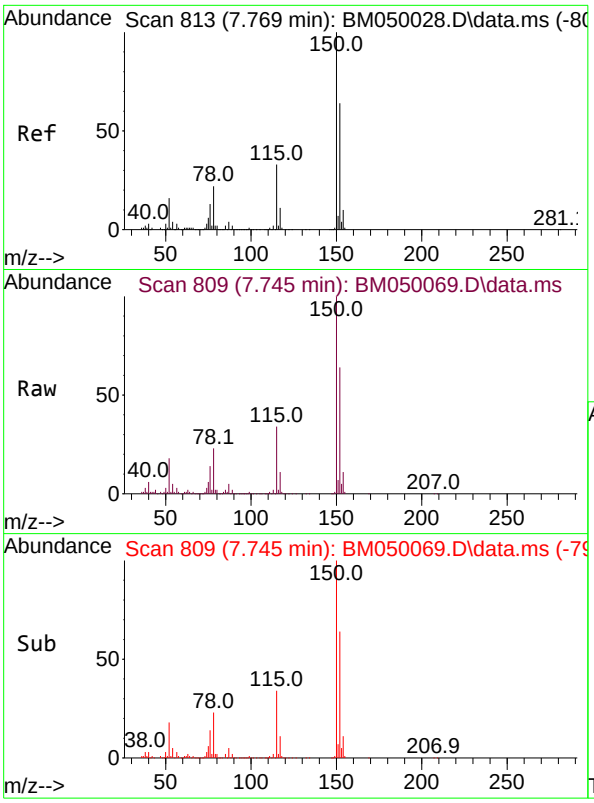
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050125\
Data File : BM050069.D
Acq On : 01 May 2025 18:02
Operator : RC/JU
Sample : Q1900-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Quant Time: May 02 01:11:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 18:09:16 2025
Response via : Initial Calibration



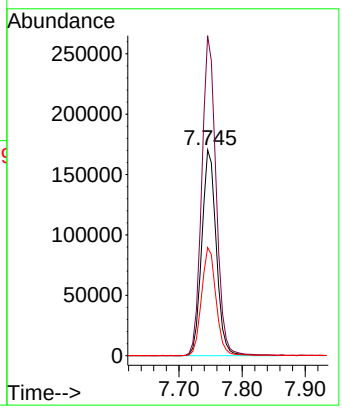


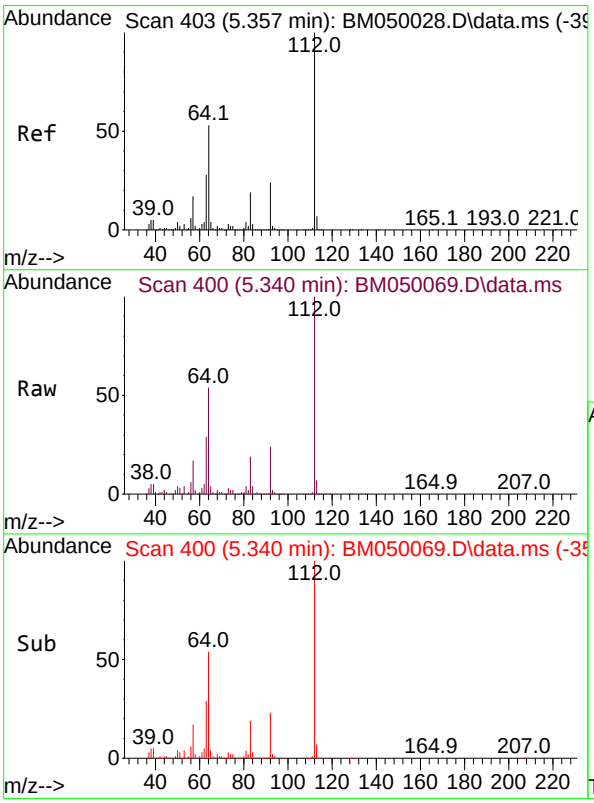

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.745 min Scan# 80
Delta R.T. -0.024 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:152 Resp: 272398

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 124.1 | 186.1 |
| 115 | 52.6 | 41.2 | 61.8 |

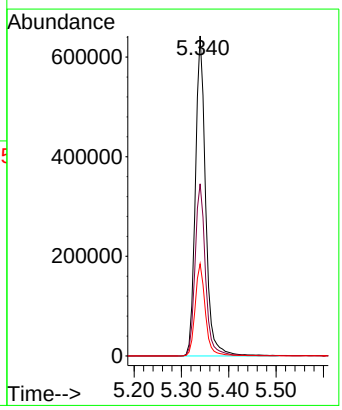


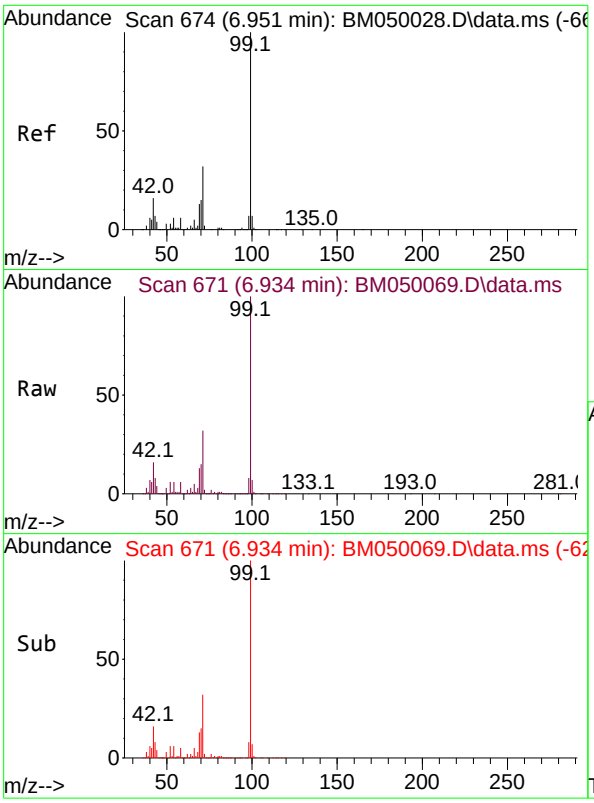




#5
2-Fluorophenol
Concen: 62.251 ng
RT: 5.340 min Scan# 400
Delta R.T. -0.018 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:112 Resp: 968373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.8 | 42.6 | 64.0 |
| 63 | 28.8 | 22.2 | 33.4 |



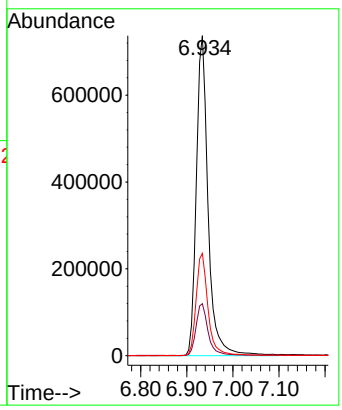


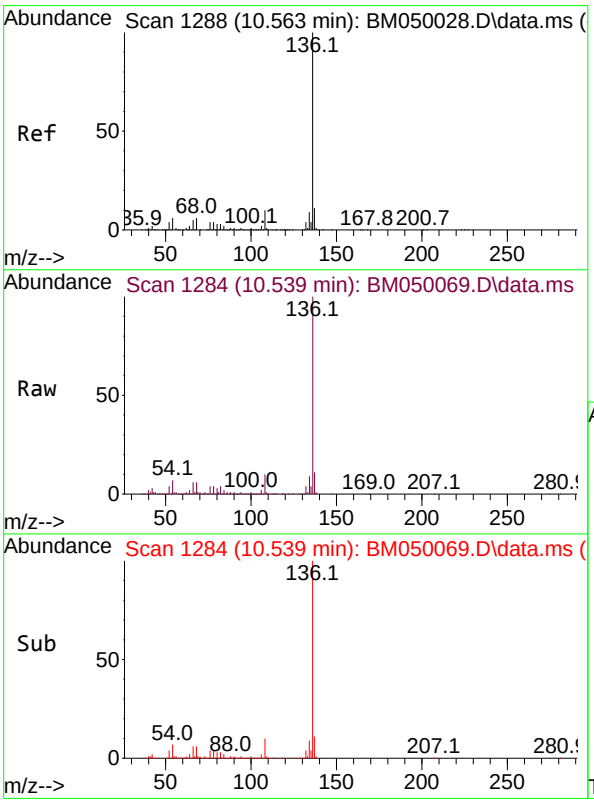

#7
Phenol-d6
Concen: 66.976 ng
RT: 6.934 min Scan# 6
Delta R.T. -0.018 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion: 99 Resp: 1309521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.3 | 13.0 | 19.4 |
| 71 | 32.0 | 25.6 | 38.4 |

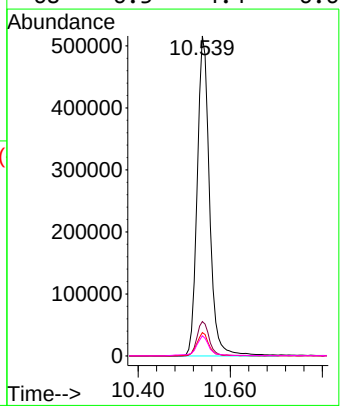


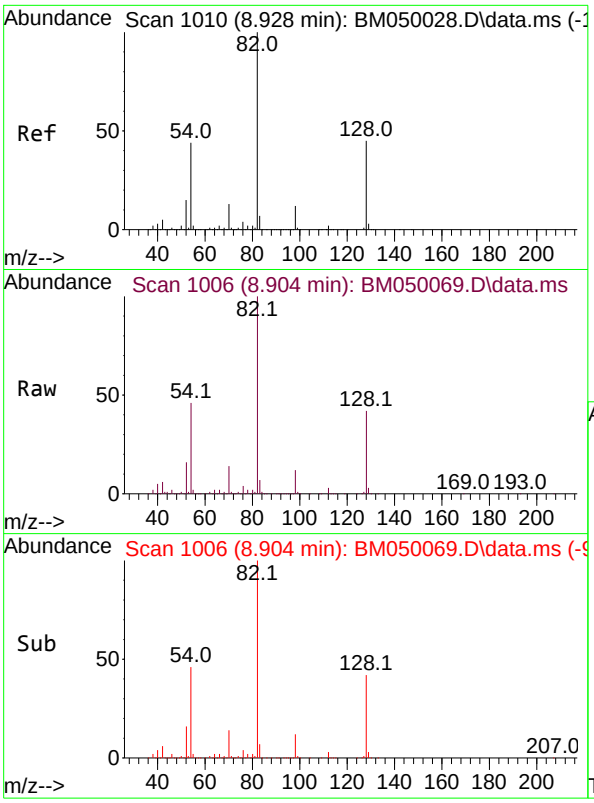




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.539 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:136 Resp: 960084

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.9 | 13.3 |
| 54 | 7.3 | 5.1 | 7.7 |
| 68 | 6.3 | 4.4 | 6.6 |



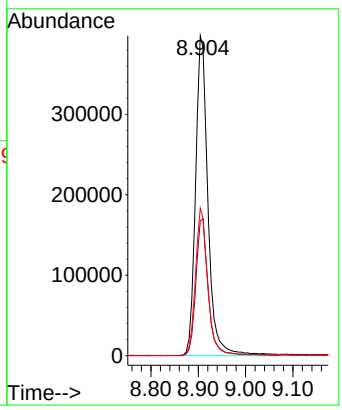


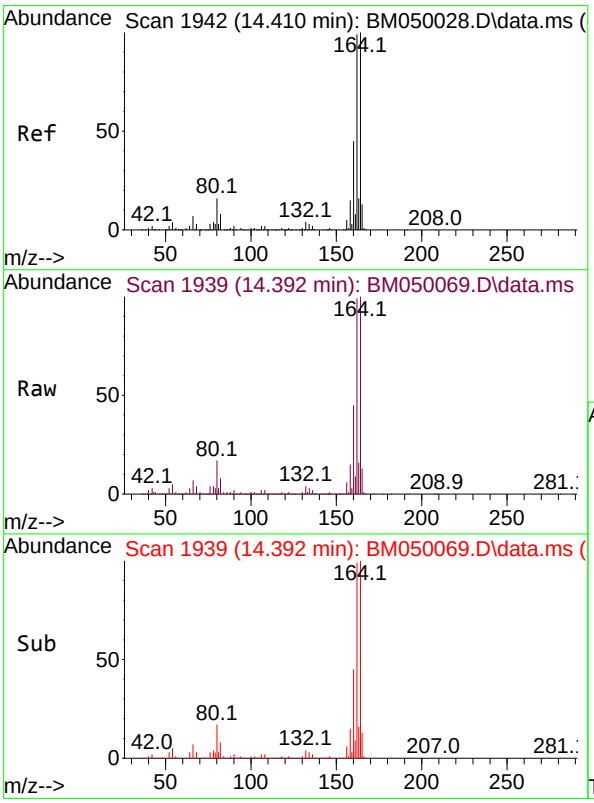

#23
Nitrobenzene-d5
Concen: 37.370 ng
RT: 8.904 min Scan# 1(
Delta R.T. -0.024 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion: 82 Resp: 728112

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.2 | 35.7 | 53.5 |
| 54 | 46.1 | 35.4 | 53.2 |

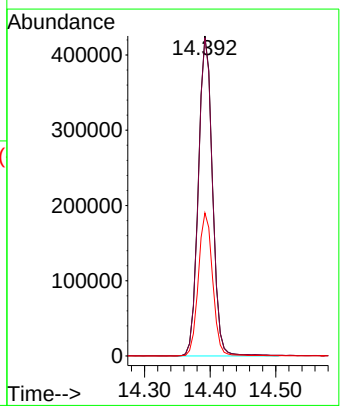


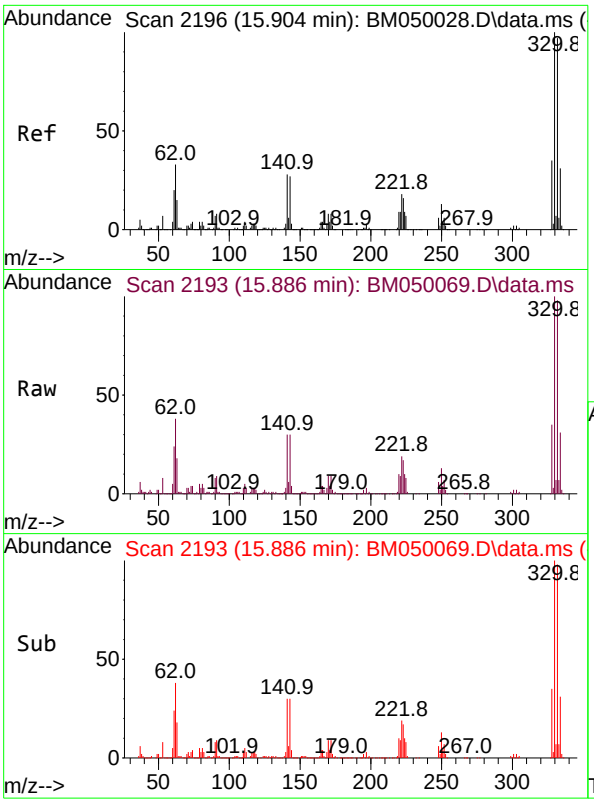




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.018 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:164 Resp: 636564

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.4 | 79.4 | 119.0 |
| 160 | 44.7 | 36.2 | 54.4 |



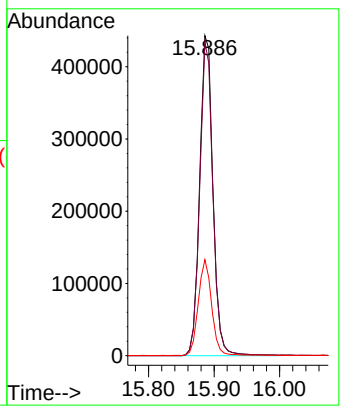


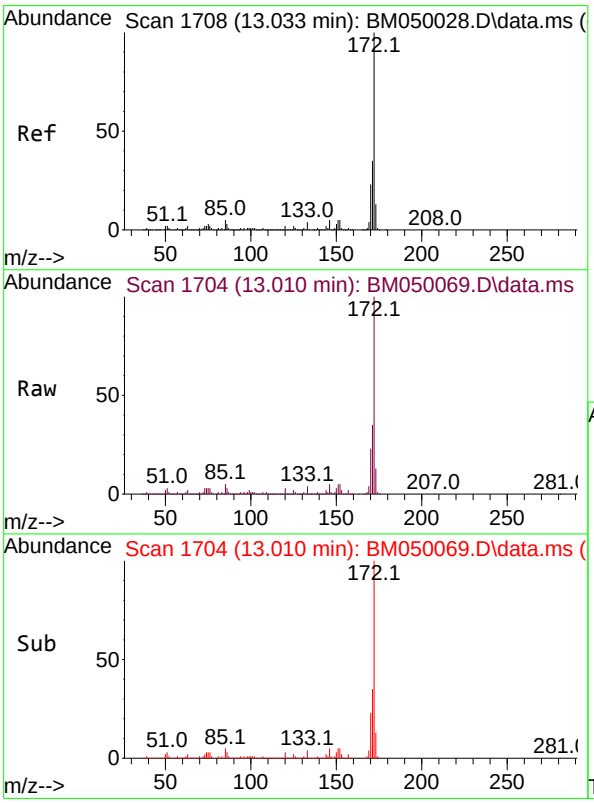

#42
2,4,6-Tribromophenol
Concen: 66.598 ng
RT: 15.886 min Scan# 21
Delta R.T. -0.018 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:330 Resp: 626847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.7 | 77.3 | 115.9 |
| 141 | 30.0 | 22.5 | 33.7 |

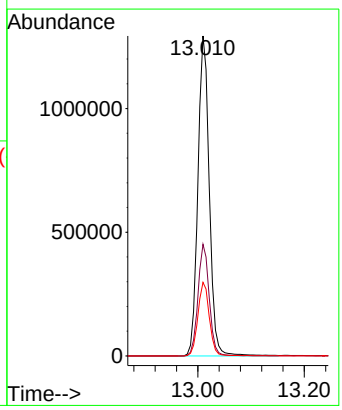


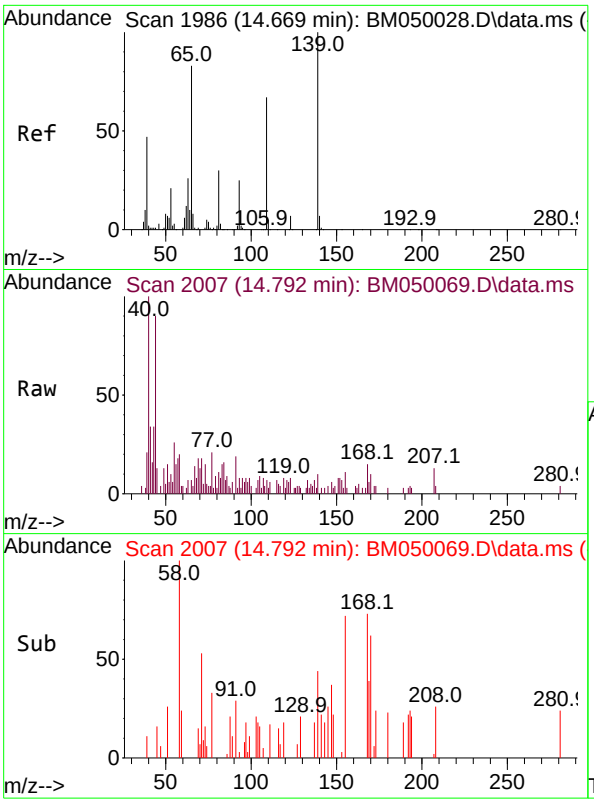




#45
2-Fluorobiphenyl
Concen: 35.716 ng
RT: 13.010 min Scan# 1704
Delta R.T. -0.024 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:172 Resp: 1921879

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 27.8 | 41.6 |
| 170 | 23.0 | 18.6 | 28.0 |



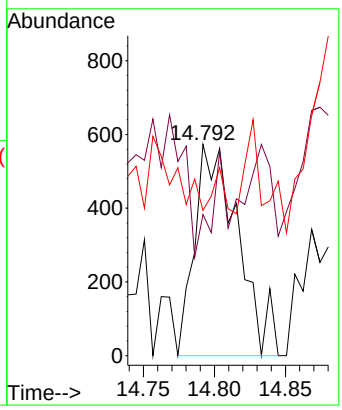


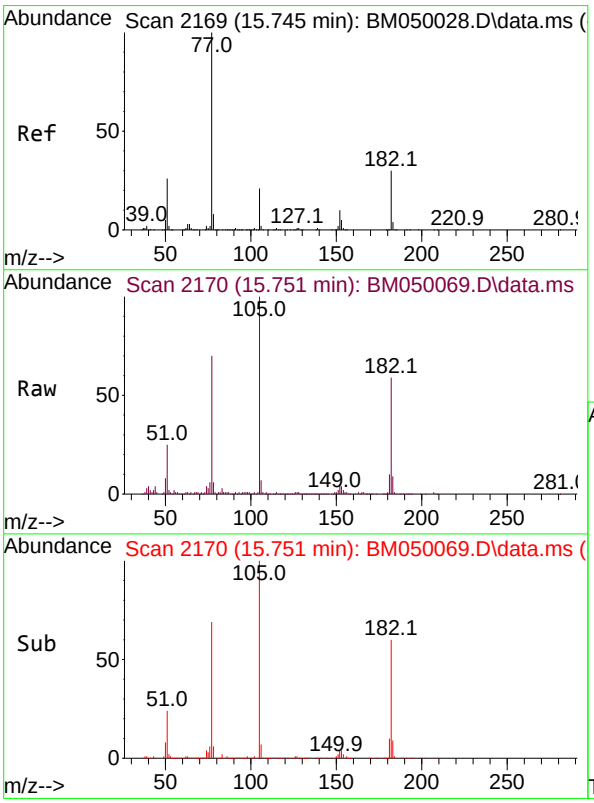

#56
4-Nitrophenol
Concen: 4.687 ng
RT: 14.792 min Scan# 2
Delta R.T. 0.123 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:139 Resp: 1213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 66.8 | 47.0 | 87.0 |
| 65 | 68.8 | 64.3 | 104.3 |

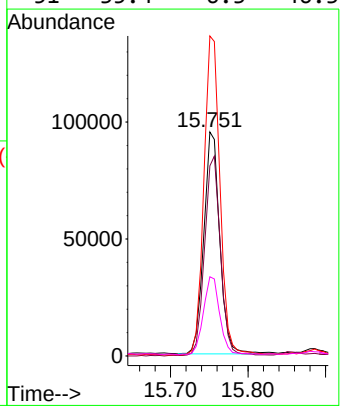


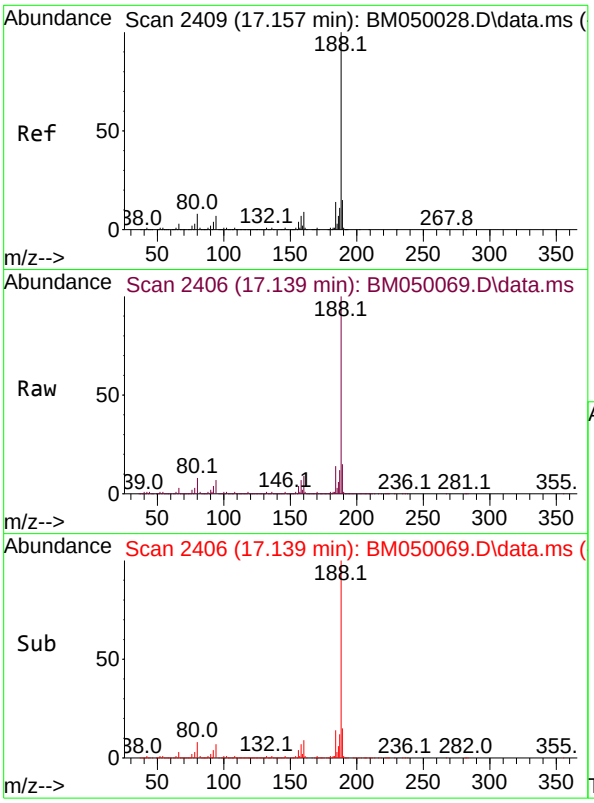




#63
Azobenzene
Concen: 3.706 ng
RT: 15.751 min Scan# 2170
Delta R.T. 0.006 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion: 77 Resp: 136141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 182 | 84.9 | 10.5 | 50.5# |
| 105 | 142.9 | 1.1 | 41.1# |
| 51 | 35.4 | 6.3 | 46.3 |



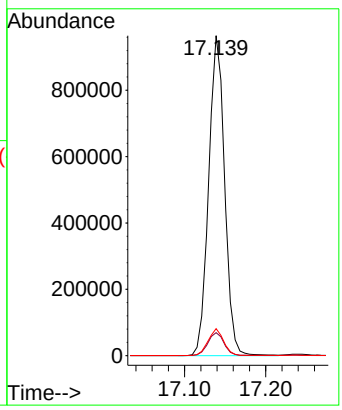


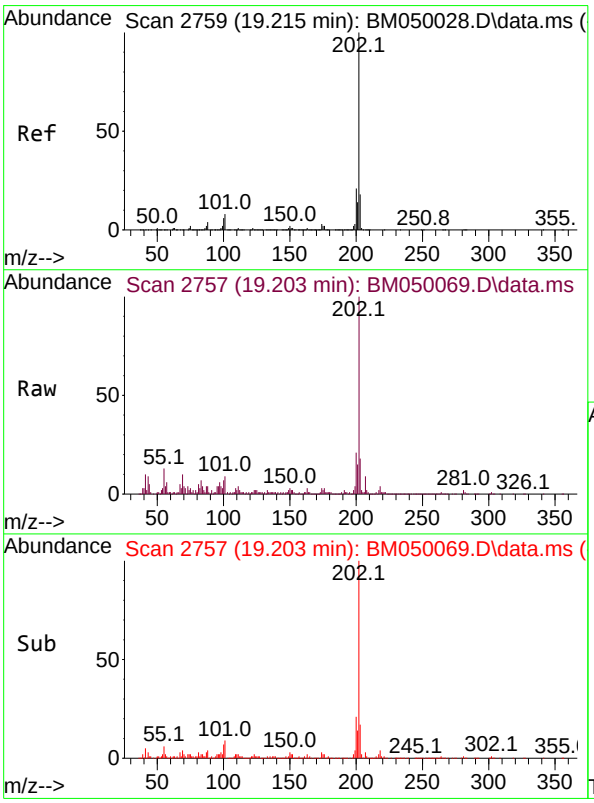

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 24
Delta R.T. -0.018 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:188 Resp: 1316301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.2 | 5.7 | 8.5 |
| 80 | 8.5 | 6.2 | 9.4 |

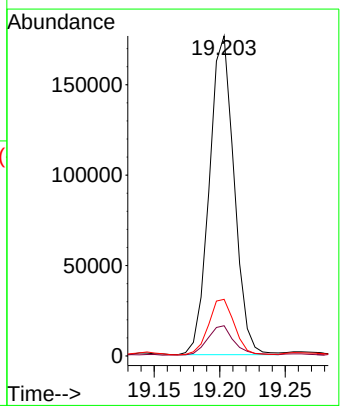


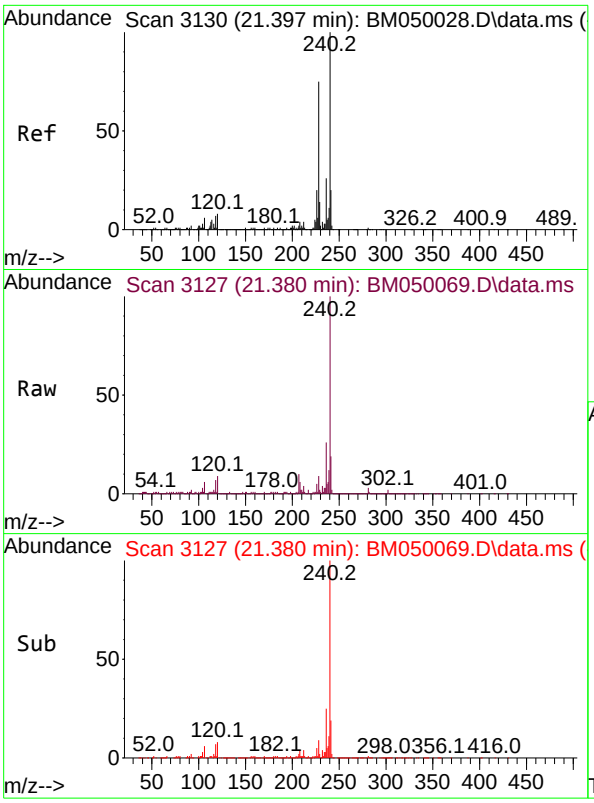




#75
Fluoranthene
Concen: 2.661 ng
RT: 19.203 min Scan# 2757
Delta R.T. -0.012 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:202 Resp: 231945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 9.4 | 0.0 | 28.0 |
| 203 | 17.7 | 0.0 | 37.7 |



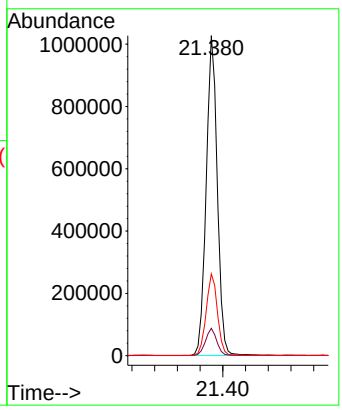


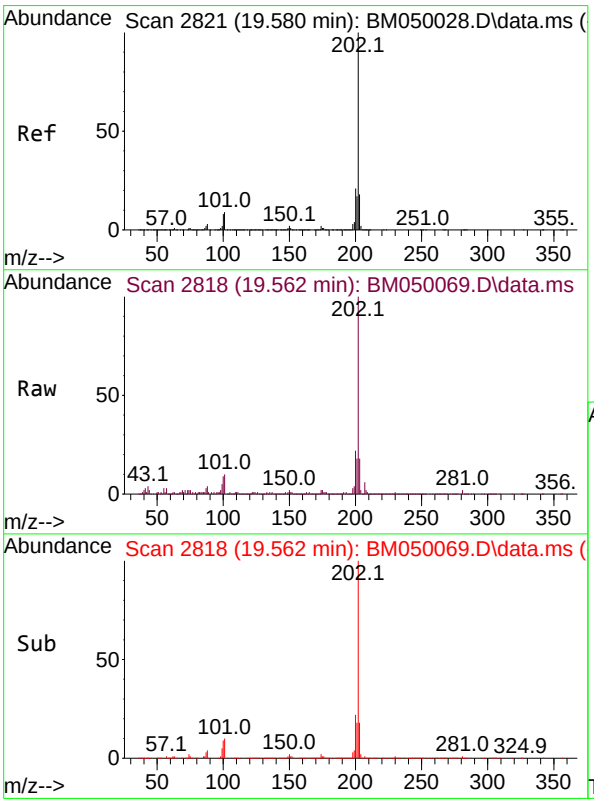

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.380 min Scan# 3
Delta R.T. -0.017 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:240 Resp: 1386446

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.5 | 6.5 | 9.7 |
| 236 | 25.5 | 20.9 | 31.3 |

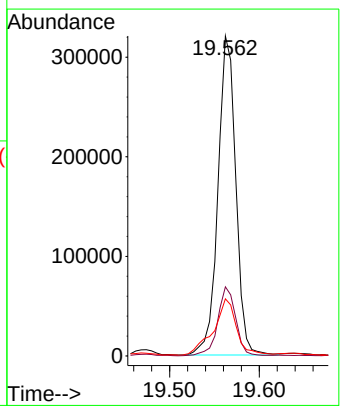


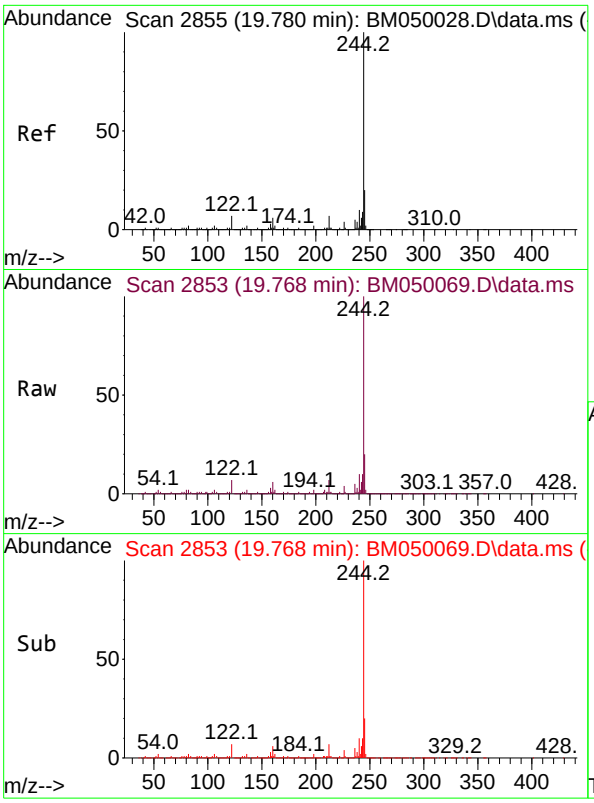




#78
Pyrene
Concen: 4.551 ng
RT: 19.562 min Scan# 2818
Delta R.T. -0.018 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:202 Resp: 443068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.6 | 16.7 | 25.1 |
| 203 | 17.9 | 14.1 | 21.1 |



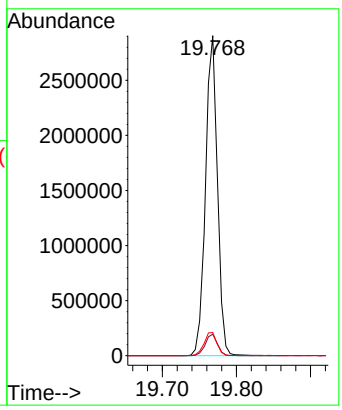


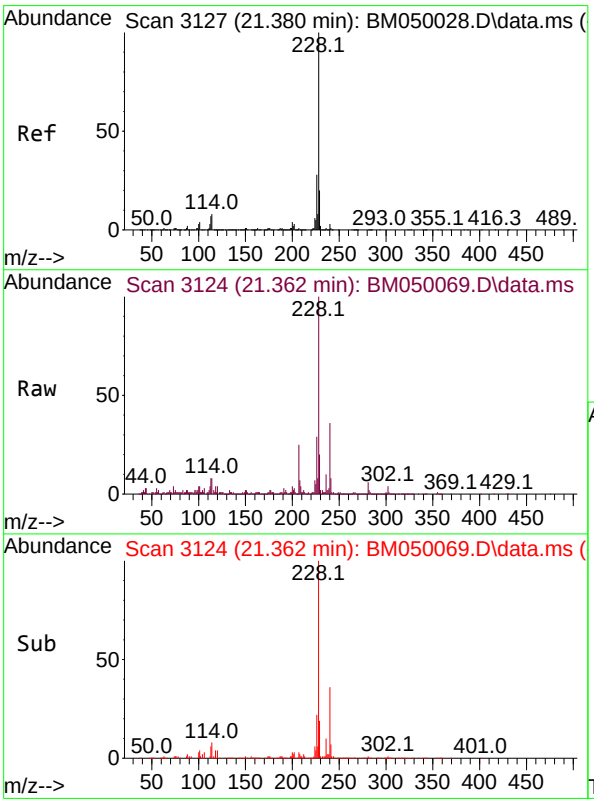

#79
Terphenyl-d14
Concen: 34.654 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:244 Resp: 3246943

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 5.6 | 8.4 |
| 122 | 7.2 | 5.6 | 8.4 |

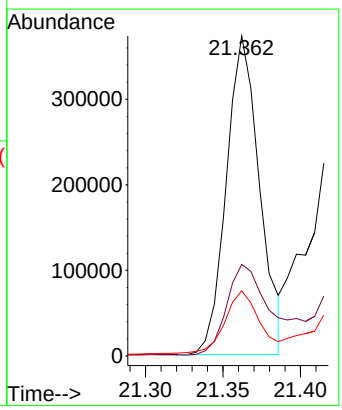


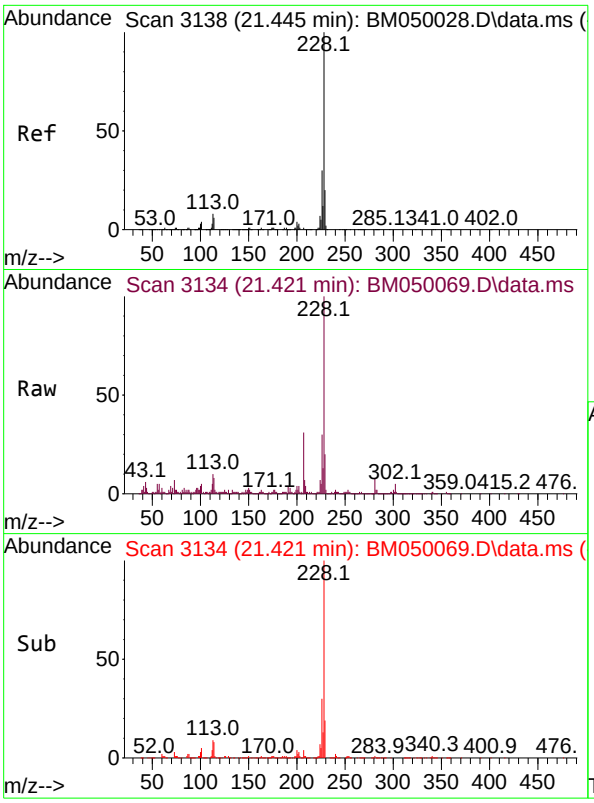




#81
Benzo(a)anthracene
Concen: 5.826 ng
RT: 21.362 min Scan# 3124
Delta R.T. -0.018 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:228 Resp: 556207

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 22.1 | 33.1 |
| 229 | 20.4 | 15.7 | 23.5 |



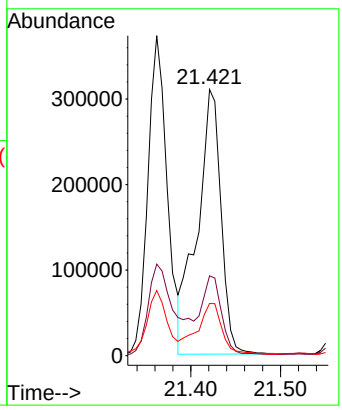


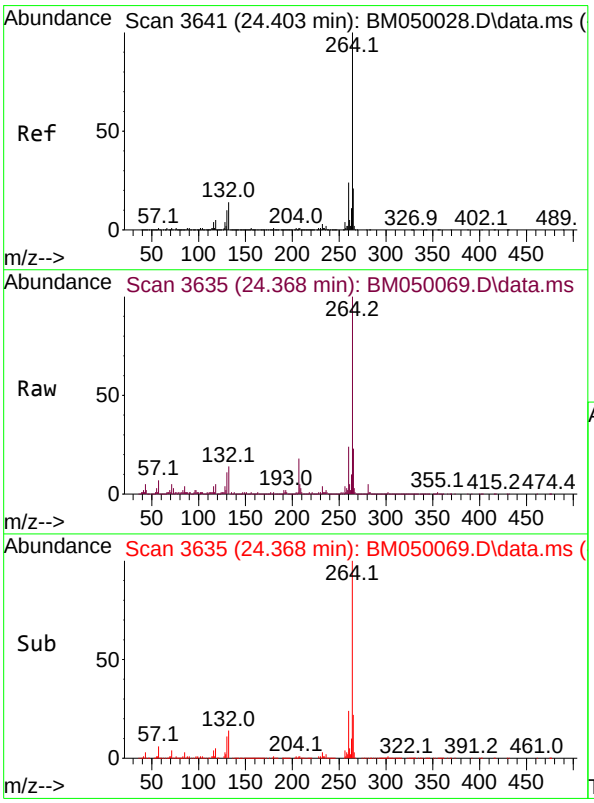

#83
Chrysene
Concen: 6.467 ng
RT: 21.421 min Scan# 3
Delta R.T. -0.024 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:228 Resp: 571490

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.0 | 24.2 | 36.2 |
| 229 | 19.6 | 15.7 | 23.5 |

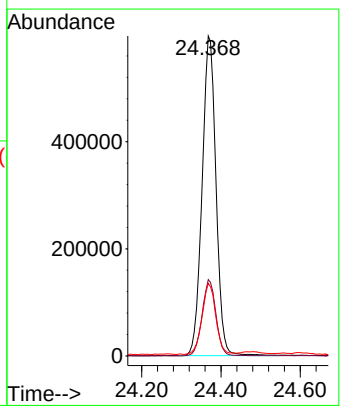


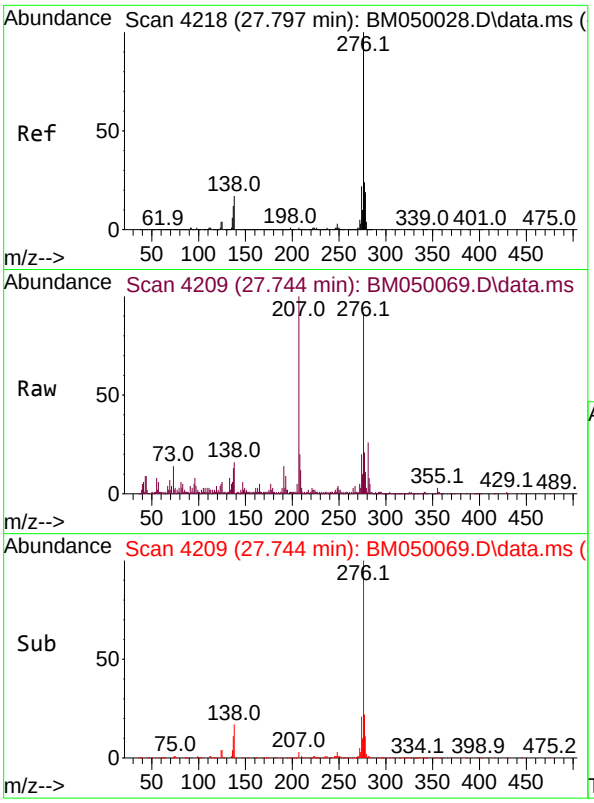




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.368 min Scan# 3635
Delta R.T. -0.035 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:264 Resp: 1453416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 18.8 | 28.2 |
| 265 | 22.7 | 17.0 | 25.4 |



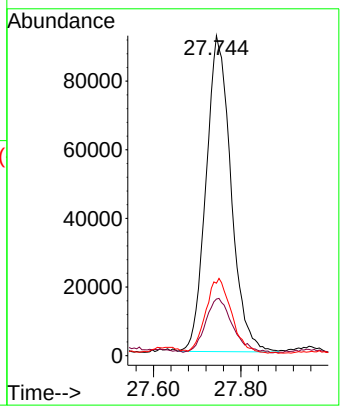


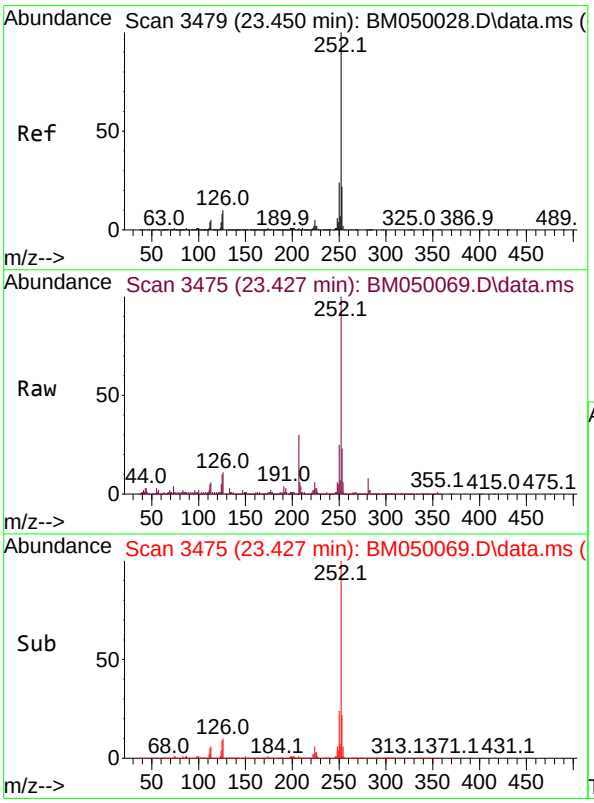

#87
Indeno(1,2,3-cd)pyrene
Concen: 3.361 ng
RT: 27.744 min Scan# 4
Delta R.T. -0.053 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:276 Resp: 363937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 18.8 | 16.4 | 24.6 |
| 277 | 24.2 | 19.8 | 29.8 |

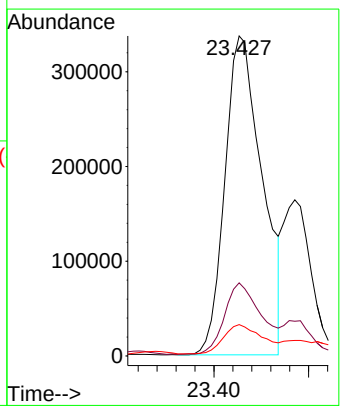


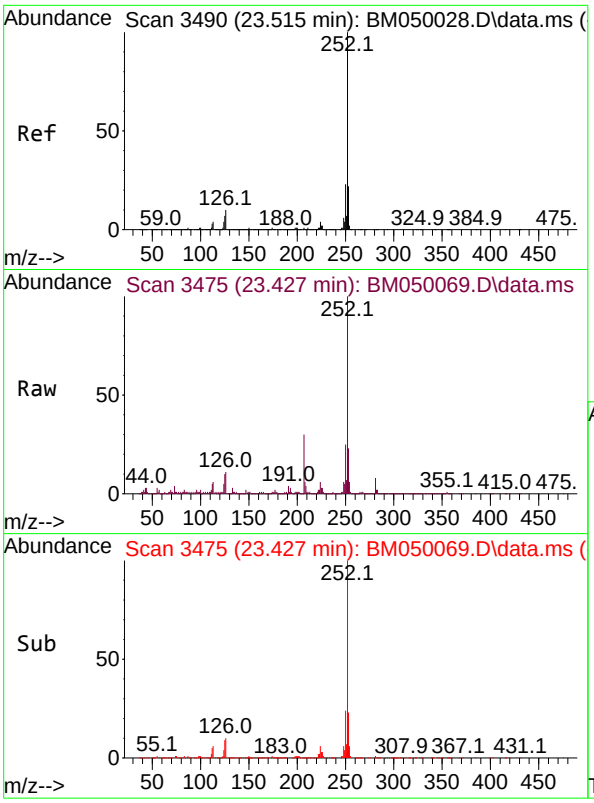




#88
Benzo(b)fluoranthene
Concen: 9.767 ng
RT: 23.427 min Scan# 3475
Delta R.T. -0.024 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:252 Resp: 923170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.7 | 26.5 |
| 125 | 9.8 | 6.1 | 9.1# |



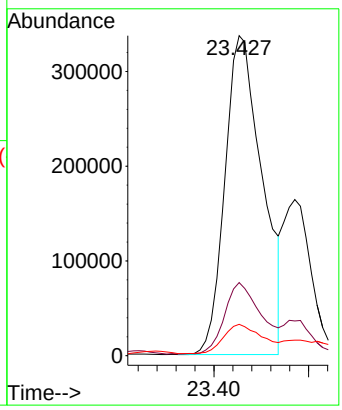


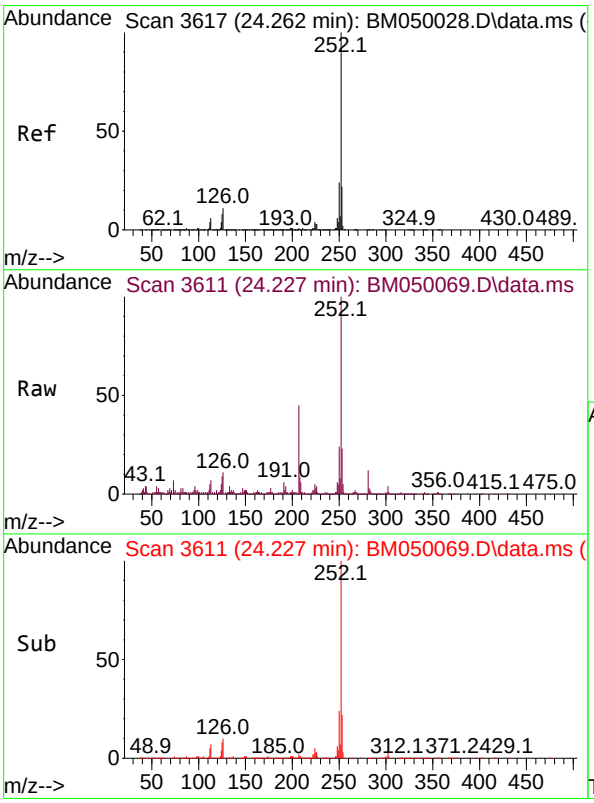

#89
Benzo(k)fluoranthene
Concen: 9.656 ng
RT: 23.427 min Scan# 34
Delta R.T. -0.088 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:252 Resp: 923170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 22.9 | 17.4 | 26.2 |
| 125 | 9.8 | 5.8 | 8.8# |

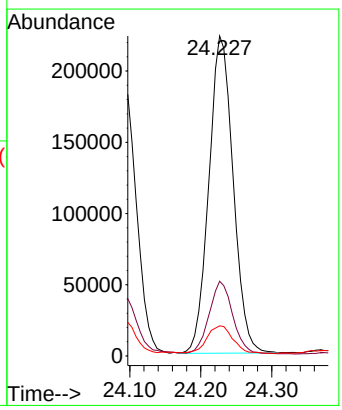


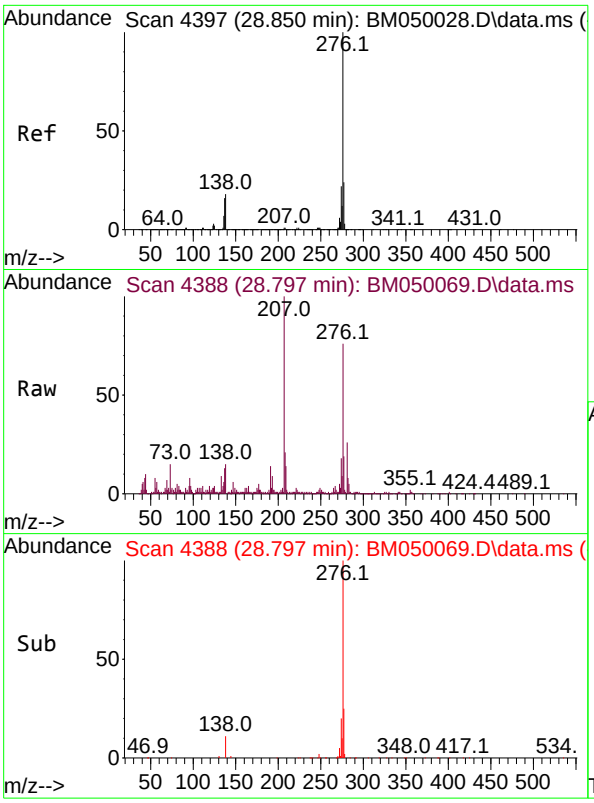




#90
Benzo(a)pyrene
Concen: 5.972 ng
RT: 24.227 min Scan# 3611
Delta R.T. -0.035 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

Tgt Ion:252 Resp: 528653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.3 | 17.4 | 26.0 |
| 125 | 9.4 | 6.6 | 9.8 |






#92
Benzo(g,h,i)perylene
Concen: 4.023 ng
RT: 28.797 min Scan# 4
Delta R.T. -0.053 min
Lab File: BM050069.D
Acq: 01 May 2025 18:02

**Instrument :**
BNA_M
**ClientSampleId :**
WC-1

Tgt Ion:276 Resp: 340020

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.5 | 19.1 | 28.7 |
| 138 | 19.5 | 14.3 | 21.5 |