Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064077.D
Acq On : 10 Mar 2025 12:22
Operator : RC/JU
Sample : Q1488-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Quant Time: Mar 10 14:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.865 | 152 | 37069 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.650 | 136 | 149931 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.487 | 164 | 95174 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.224 | 188 | 219929 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.455 | 240 | 243609 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 24.475 | 264 | 255654 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.456 | 112 | 315892 | 133.062 | ng | 0.00 |
| 7) Phenol-d6 | 7.031 | 99 | 370340 | 114.671 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.016 | 82 | 289407 | 106.670 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.973 | 330 | 180035 | 170.177 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.112 | 172 | 593715 | 94.689 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.851 | 244 | 1204312 | 99.960 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 9.016 | 70 | 40572 | 17.900 | ng | # 75 |
| 26) 2-Nitrophenol | 9.745 | 139 | 66 | 3.358 | ng | # 26 |
| 32) Benzoic acid | 9.992 | 122 | 83 | 8.735 | ng | # 1 |
| 48) 2-Nitroaniline | 13.711 | 65 | 60 | 3.250 | ng | # 11 |
| 51) 2,6-Dinitrotoluene | 14.487 | 165 | 13610 | 12.238 | ng | # 20 |
| 54) 2,4-Dinitrophenol | 14.833 | 184 | 62 | 7.976 | ng | # 15 |
| 57) 2,4-Dinitrotoluene | 14.487 | 165 | 13610 | 10.040 | ng | # 21 |
| 65) 4,6-Dinitro-2-methylph... | 15.538 | 198 | 71 | 8.241 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 15.973 | 248 | 12882 | 5.719 | ng | # 1 |
| 77) Benzidine | 19.851 | 184 | 22014 | 6.526 | ng | # 81 |
| 80) Butylbenzylphthalate | 20.544 | 149 | 545 | 3.723 | ng | # 34 |

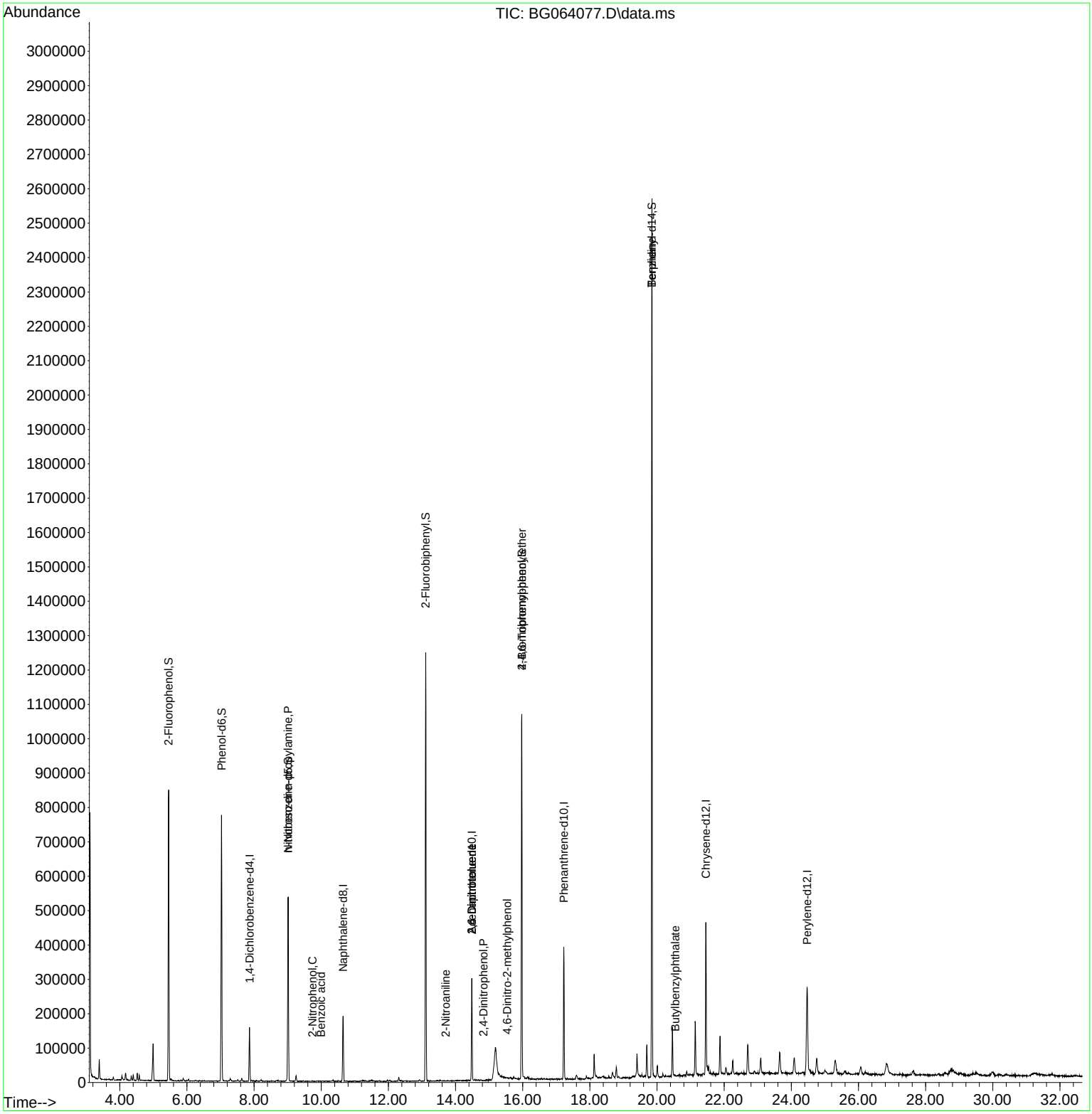
(#) = qualifier out of range (m) = manual integration (+) = signals summed

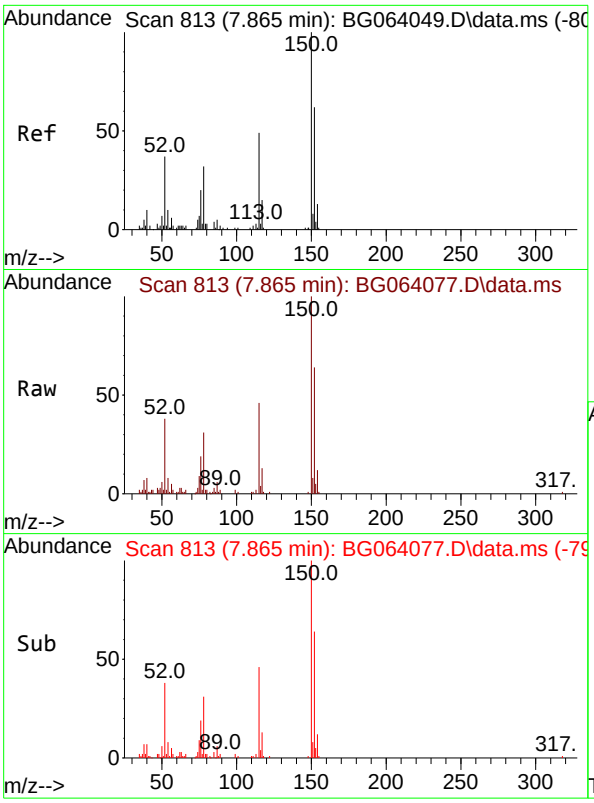
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG031025\
Data File : BG064077.D
Acq On : 10 Mar 2025 12:22
Operator : RC/JU
Sample : Q1488-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Quant Time: Mar 10 14:01:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration



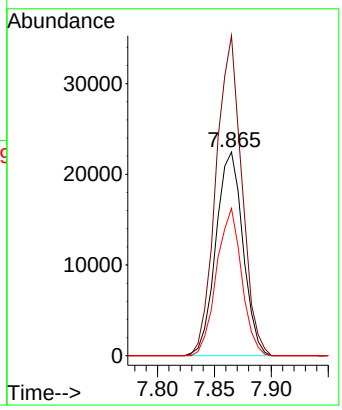


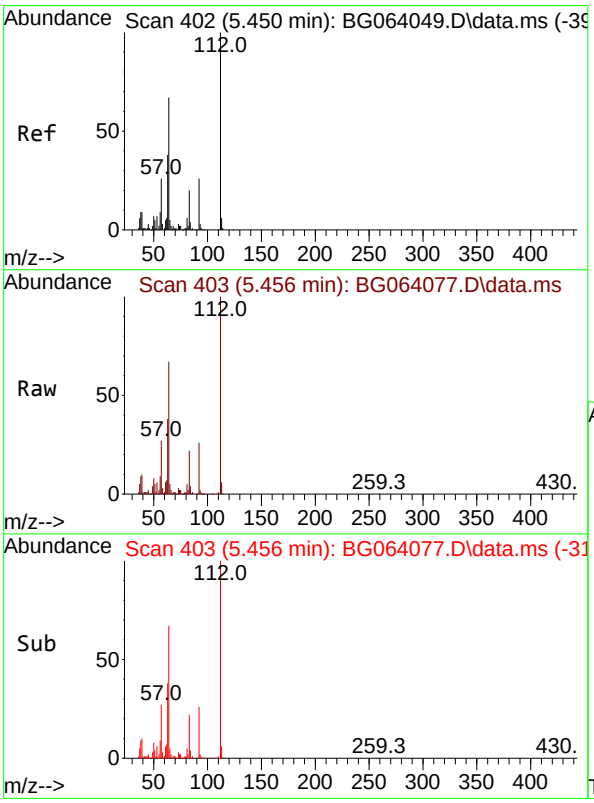

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.865 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:152 Resp: 37069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.1 | 129.2 | 193.8 |
| 115 | 72.3 | 63.0 | 94.6 |

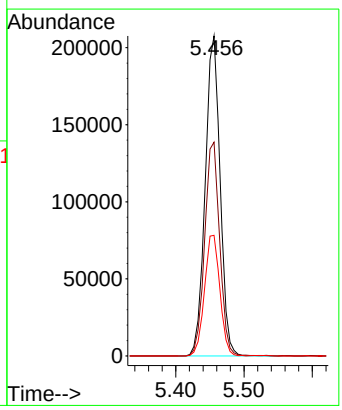


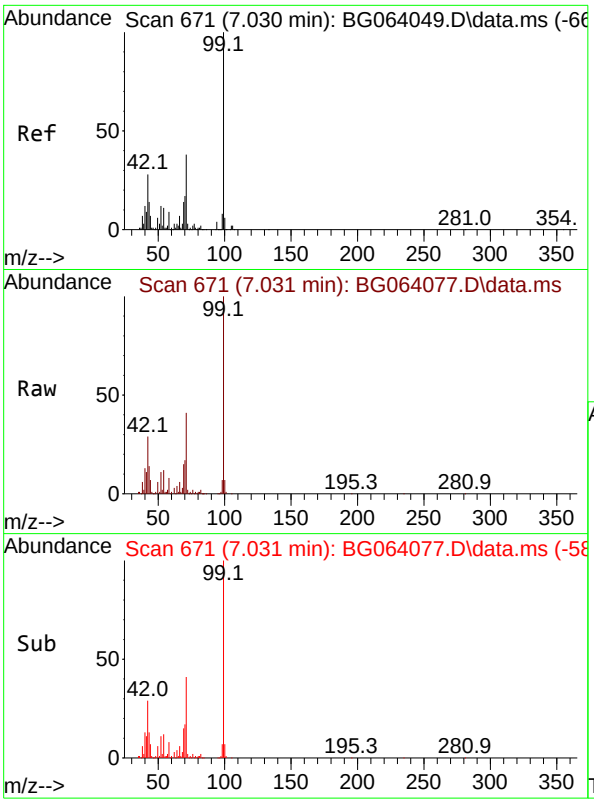




#5
2-Fluorophenol
Concen: 133.062 ng
RT: 5.456 min Scan# 403
Delta R.T. 0.006 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:112 Resp: 315892

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.8 | 53.7 | 80.5 |
| 63 | 37.7 | 30.2 | 45.4 |



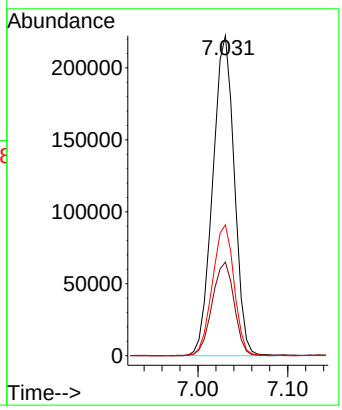


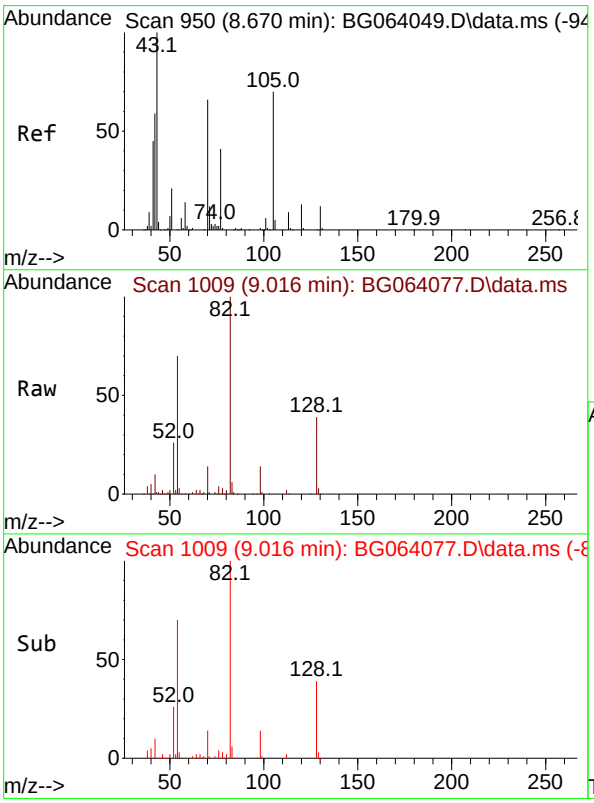

#7
Phenol-d6
Concen: 114.671 ng
RT: 7.031 min Scan# 6
Delta R.T. 0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion: 99 Resp: 370340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 29.2 | 22.7 | 34.1 |
| 71 | 40.9 | 30.6 | 46.0 |

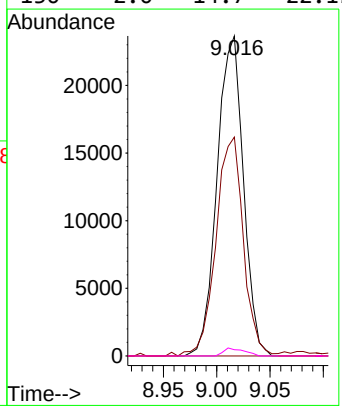


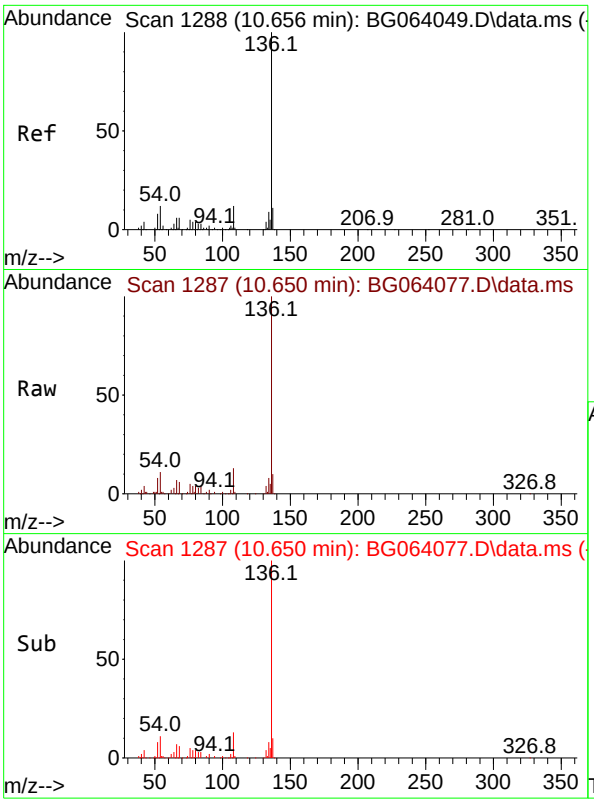




#19
n-Nitroso-di-n-propylamine
Concen: 17.900 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.347 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion: 70 Resp: 40572

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 68.4 | 72.1 | 108.1# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 2.0 | 14.7 | 22.1# |



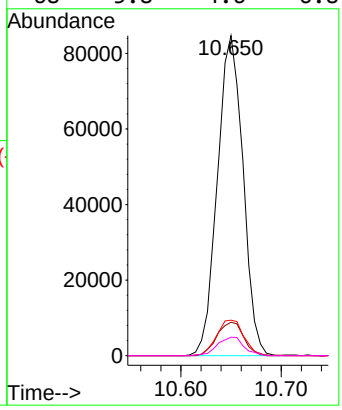


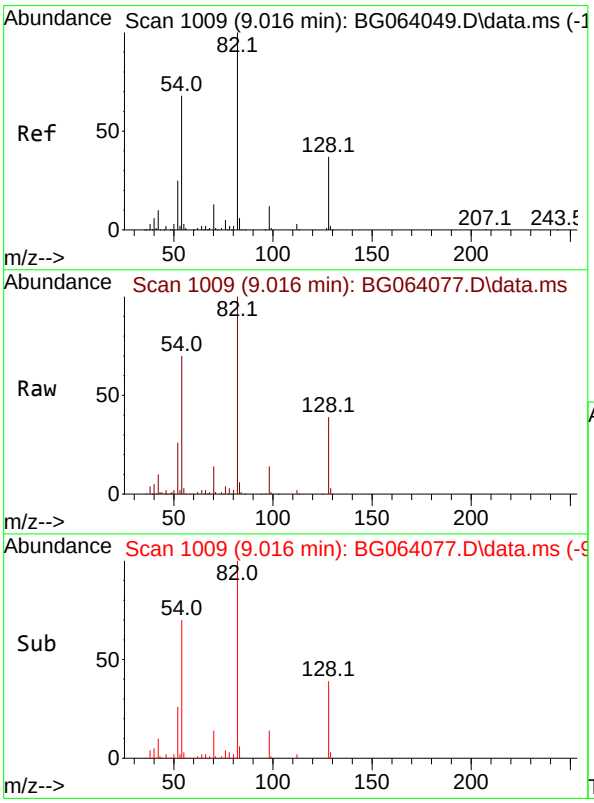

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.650 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:136 Resp: 149931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.5 | 12.7 |
| 54 | 11.1 | 9.9 | 14.9 |
| 68 | 5.8 | 4.6 | 6.8 |

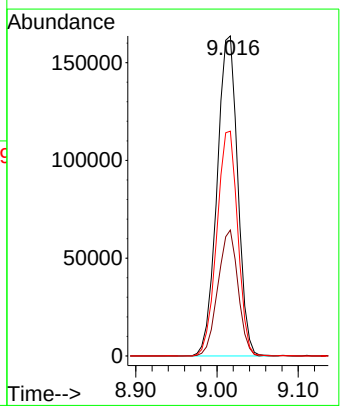


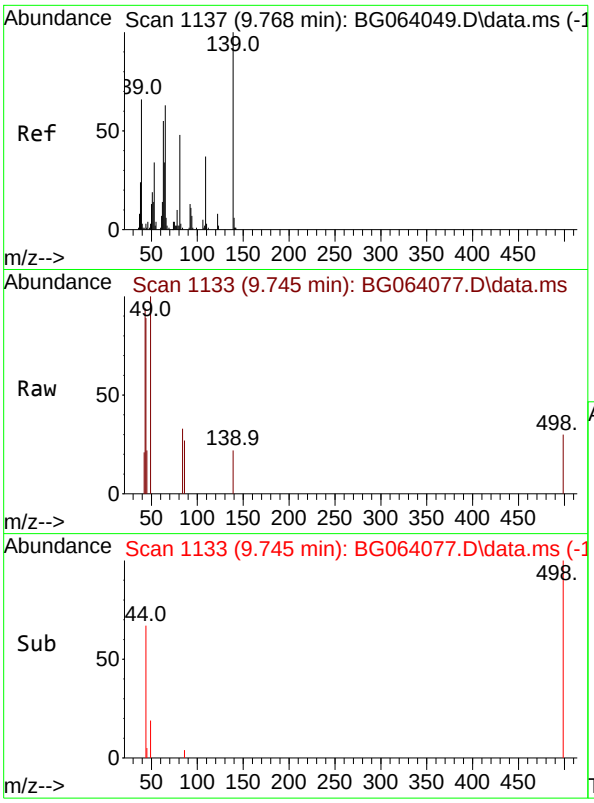




#23
Nitrobenzene-d5
Concen: 106.670 ng
RT: 9.016 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion: 82 Resp: 289407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.4 | 30.0 | 45.0 |
| 54 | 70.2 | 54.7 | 82.1 |



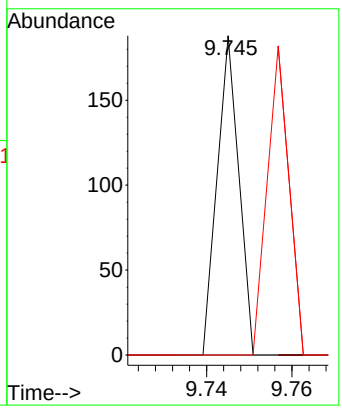


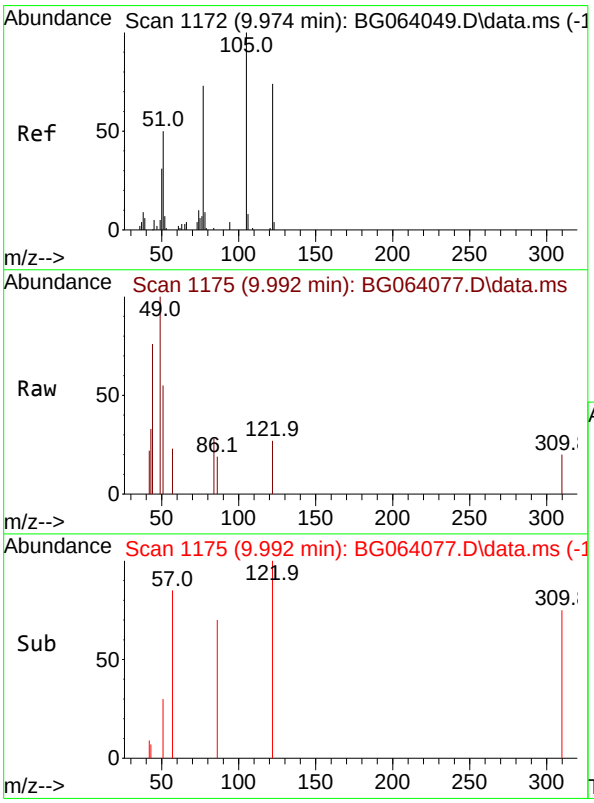

#26
2-Nitrophenol
Concen: 3.358 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.023 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:139 Resp: 66

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 29.9 | 44.9# |
| 65 | 0.0 | 50.6 | 76.0# |

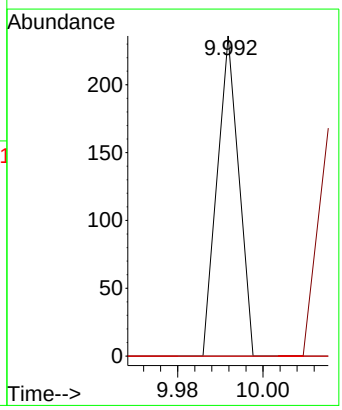


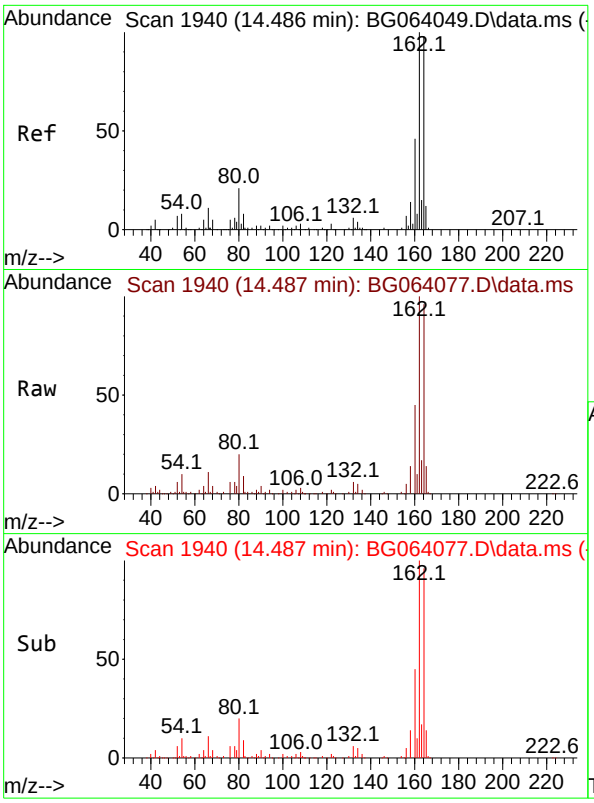




#32
Benzoic acid
Concen: 8.735 ng
RT: 9.992 min Scan# 1175
Delta R.T. 0.018 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:122 Resp: 83

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 115.0 | 155.0# |
| 77 | 0.0 | 80.9 | 120.9# |



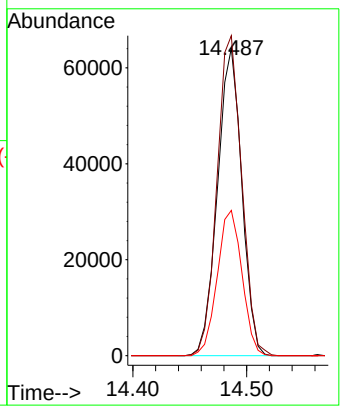


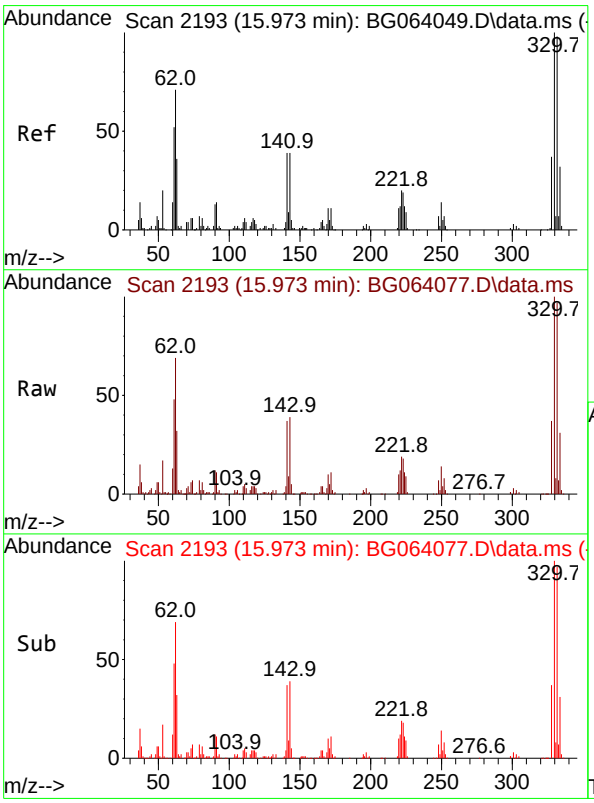

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:164 Resp: 95174

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.1 | 81.4 | 122.0 |
| 160 | 47.3 | 37.0 | 55.6 |

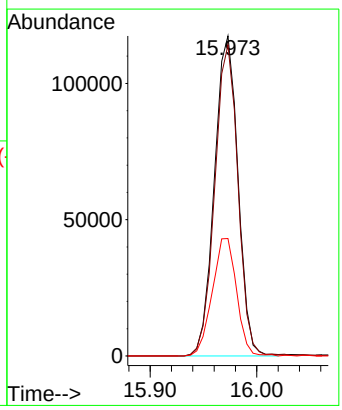


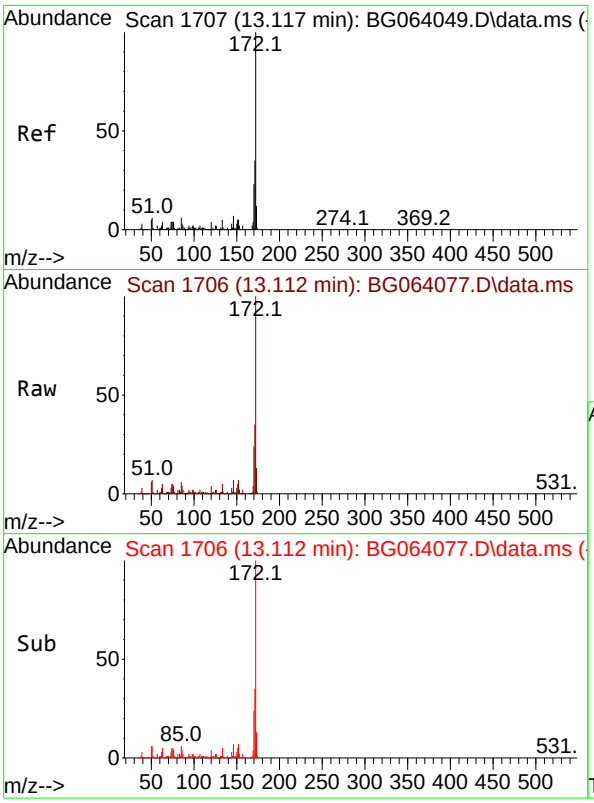




#42
2,4,6-Tribromophenol
Concen: 170.177 ng
RT: 15.973 min Scan# 2193
Delta R.T. 0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:330 Resp: 180035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.8 | 76.7 | 115.1 |
| 141 | 38.0 | 29.7 | 44.5 |



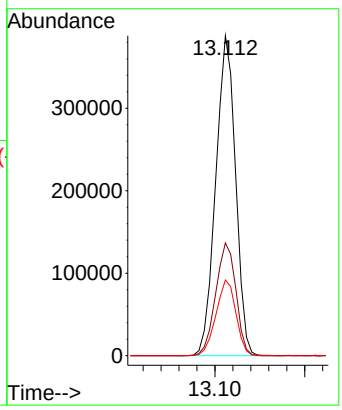


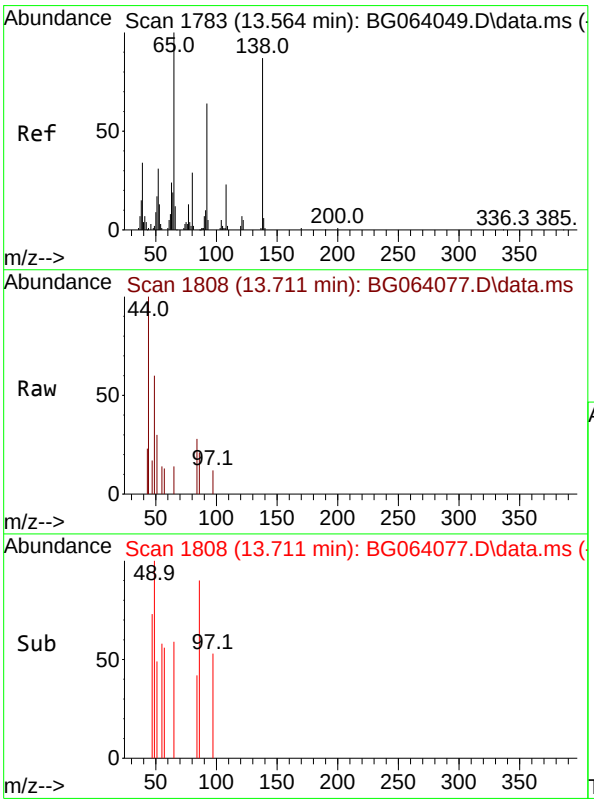

#45
2-Fluorobiphenyl
Concen: 94.689 ng
RT: 13.112 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:172 Resp: 593715

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.0 | 42.0 |
| 170 | 23.7 | 18.7 | 28.1 |

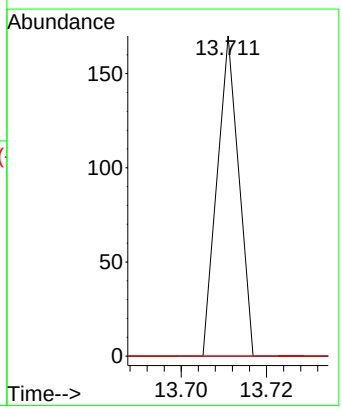


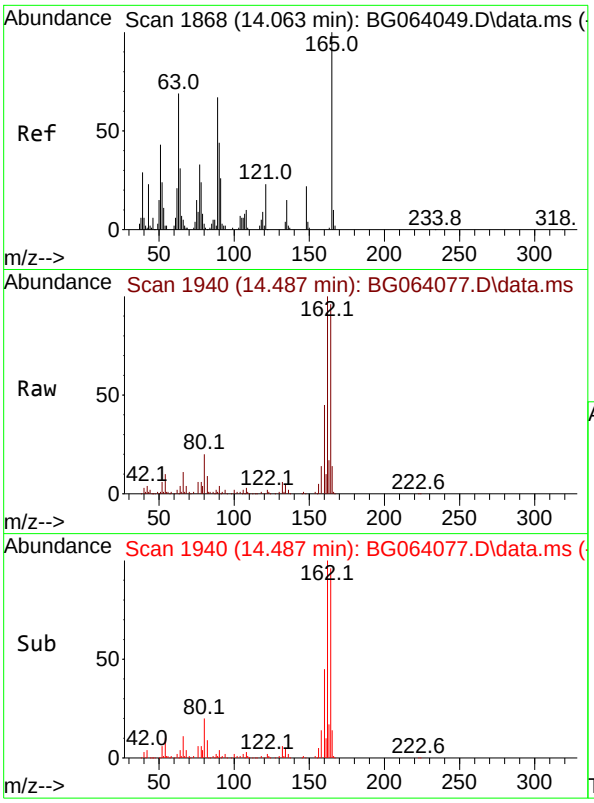




#48
2-Nitroaniline
Concen: 3.250 ng
RT: 13.711 min Scan# 1808
Delta R.T. 0.147 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion: 65 Resp: 60

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 51.2 | 76.8# |
| 138 | 0.0 | 69.4 | 104.2# |



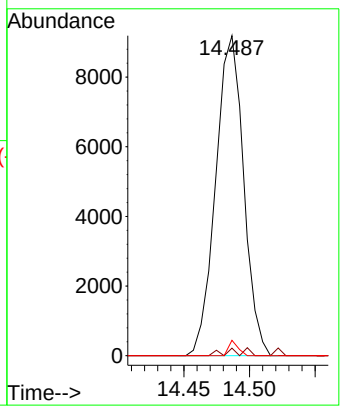


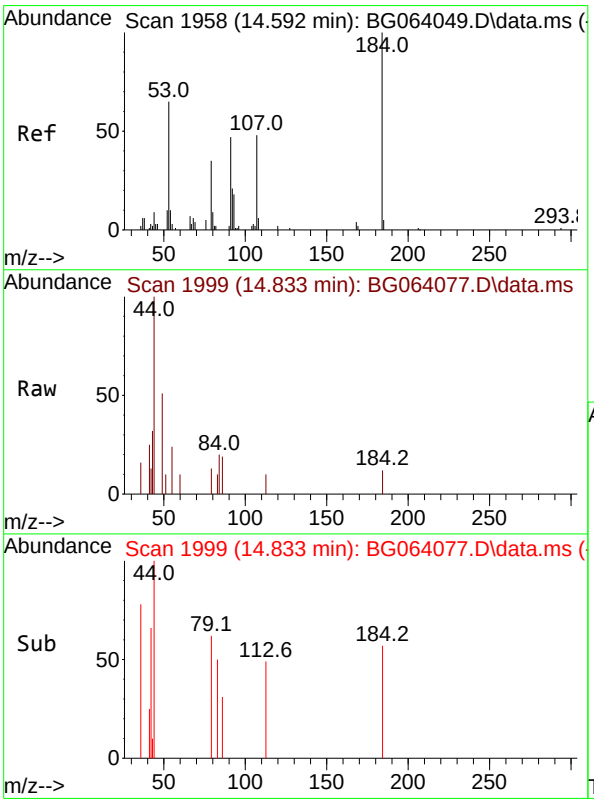

#51
2,6-Dinitrotoluene
Concen: 12.238 ng
RT: 14.487 min Scan# 1
Delta R.T. 0.424 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:165 Resp: 13610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.4 | 56.7 | 85.1# |
| 89 | 4.8 | 53.7 | 80.5# |

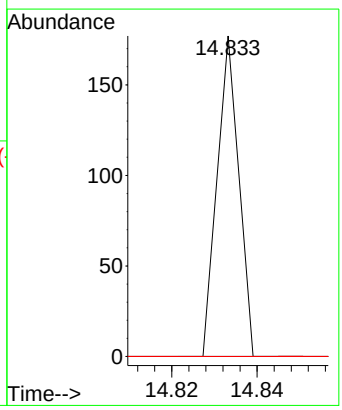


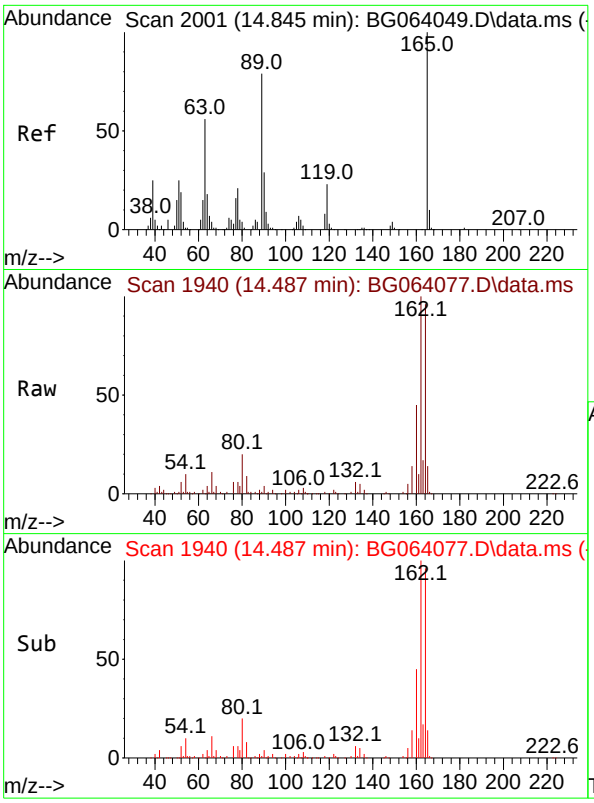




#54
2,4-Dinitrophenol
Concen: 7.976 ng
RT: 14.833 min Scan# 1999
Delta R.T. 0.241 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:184 Resp: 62

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 57.5 | 86.3# |
| 154 | 0.0 | 52.3 | 78.5# |



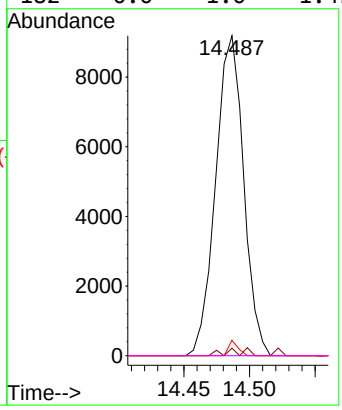


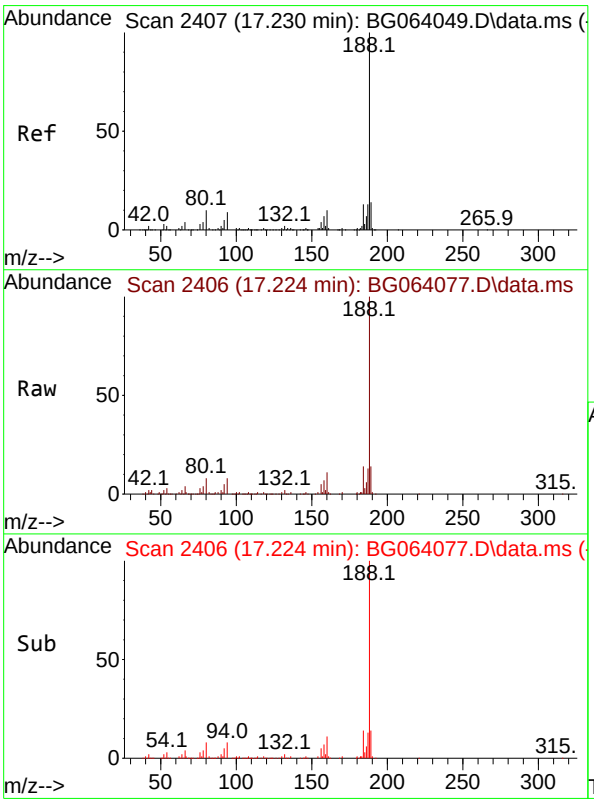

#57
2,4-Dinitrotoluene
Concen: 10.040 ng
RT: 14.487 min Scan# 1
Delta R.T. -0.358 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:165 Resp: 13610

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 2.4 | 45.0 | 67.6# |
| 89 | 4.8 | 63.1 | 94.7# |
| 182 | 0.0 | 1.0 | 1.4# |

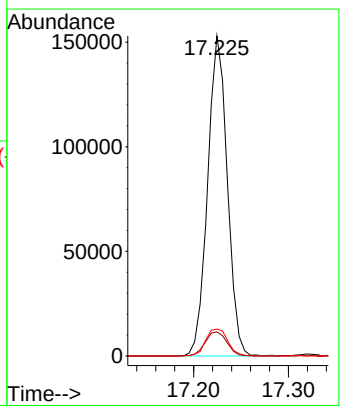


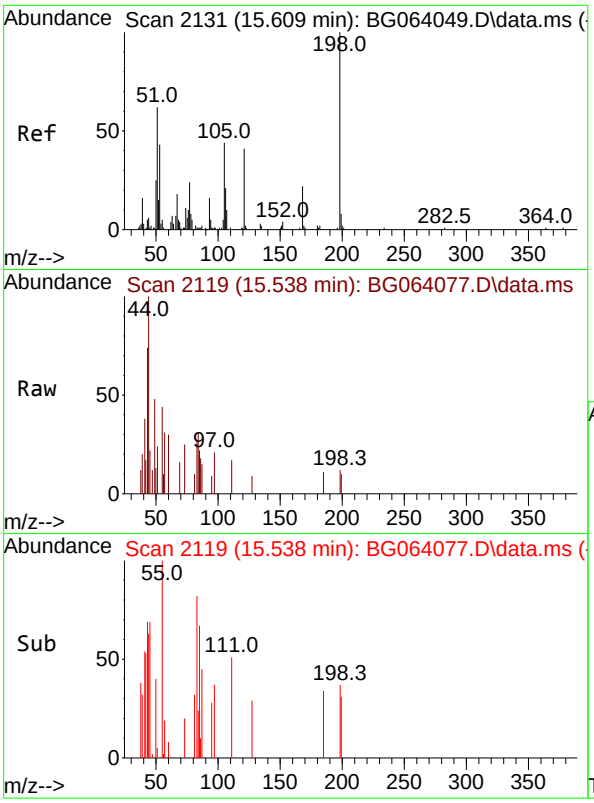




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.224 min Scan# 2406
Delta R.T. -0.006 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:188 Resp: 219929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.5 | 6.9 | 10.3 |
| 80 | 8.4 | 8.1 | 12.1 |



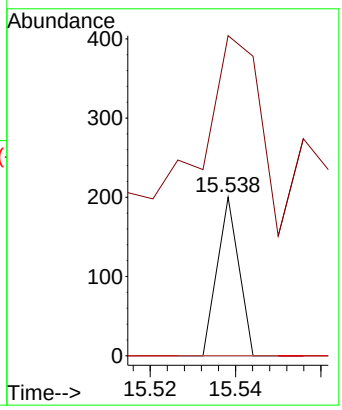


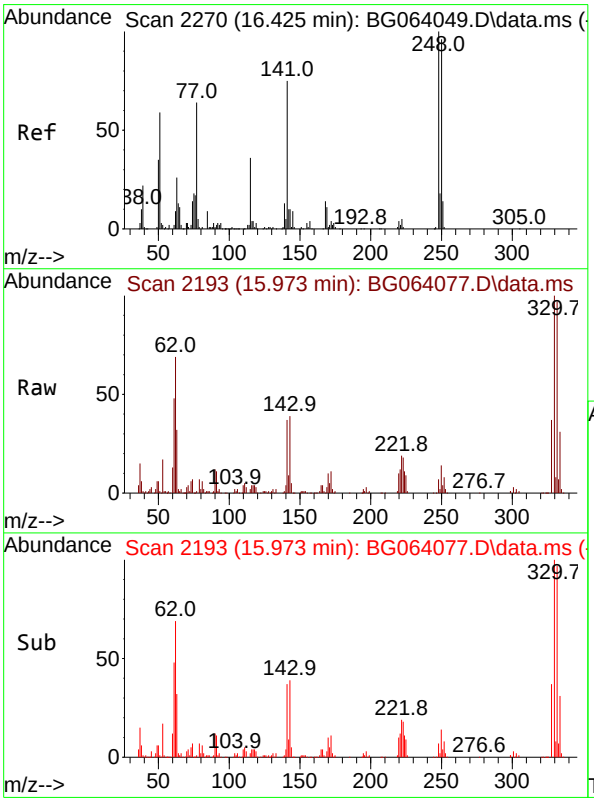

#65
4,6-Dinitro-2-methylphenol
Concen: 8.241 ng
RT: 15.538 min Scan# 21
Delta R.T. -0.071 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:198 Resp: 71

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 202.0 | 45.6 | 85.6# |
| 105 | 0.0 | 25.3 | 65.3# |

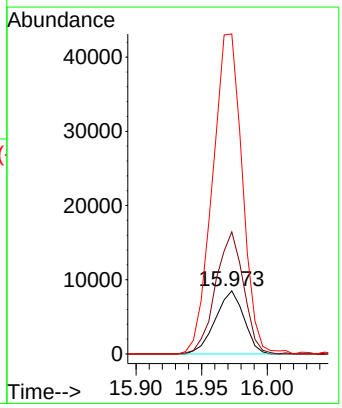


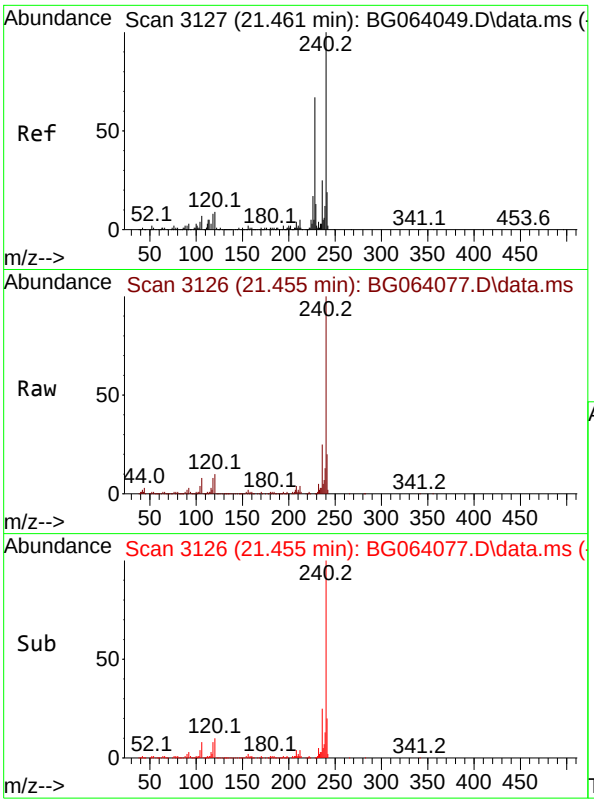




#67
4-Bromophenyl-phenylether
Concen: 5.719 ng
RT: 15.973 min Scan# 2193
Delta R.T. -0.452 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:248 Resp: 12882

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 193.7 | 77.1 | 115.7# |
| 141 | 507.9 | 59.8 | 89.8# |



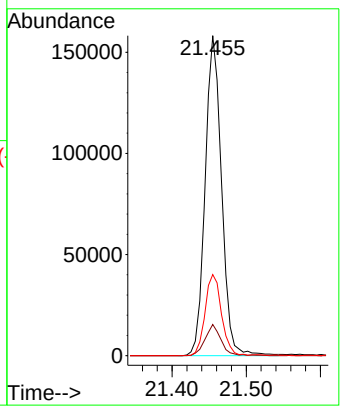


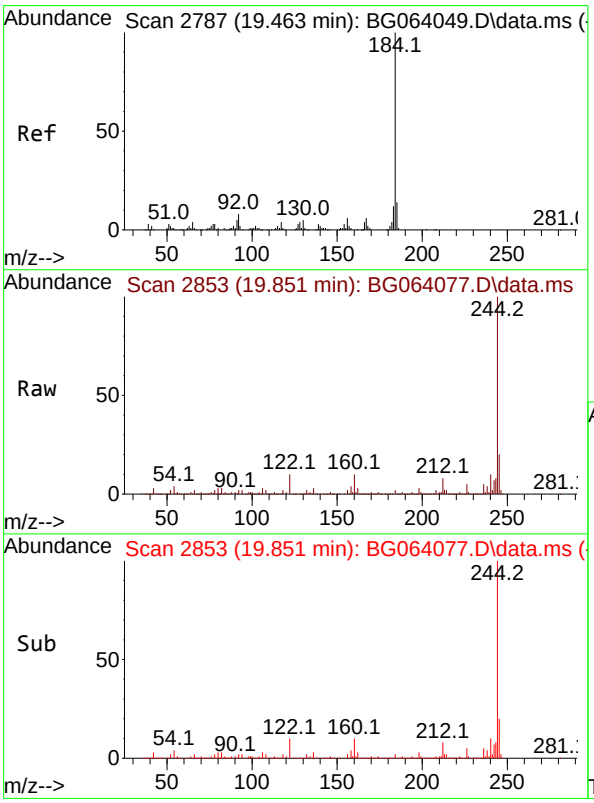

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.455 min Scan# 3
Delta R.T. -0.006 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:240 Resp: 243609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.7 | 7.2 | 10.8 |
| 236 | 25.3 | 20.2 | 30.2 |

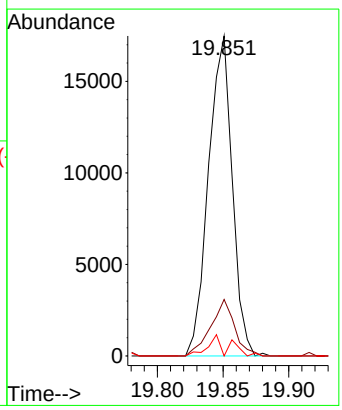


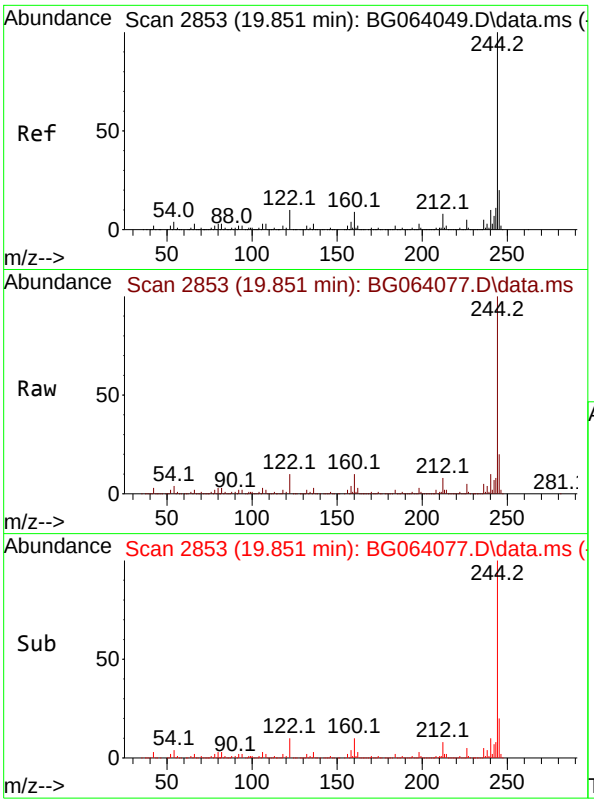




#77
Benzidine
Concen: 6.526 ng
RT: 19.851 min Scan# 2853
Delta R.T. 0.388 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:184 Resp: 22014

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 17.6 | 11.3 | 16.9# |
| 183 | 0.0 | 9.5 | 14.3# |



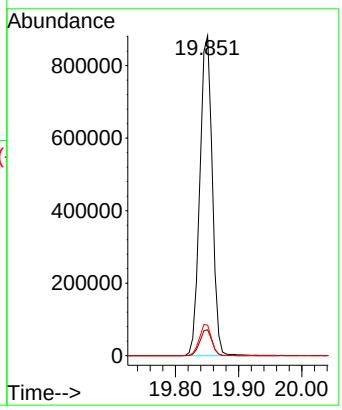


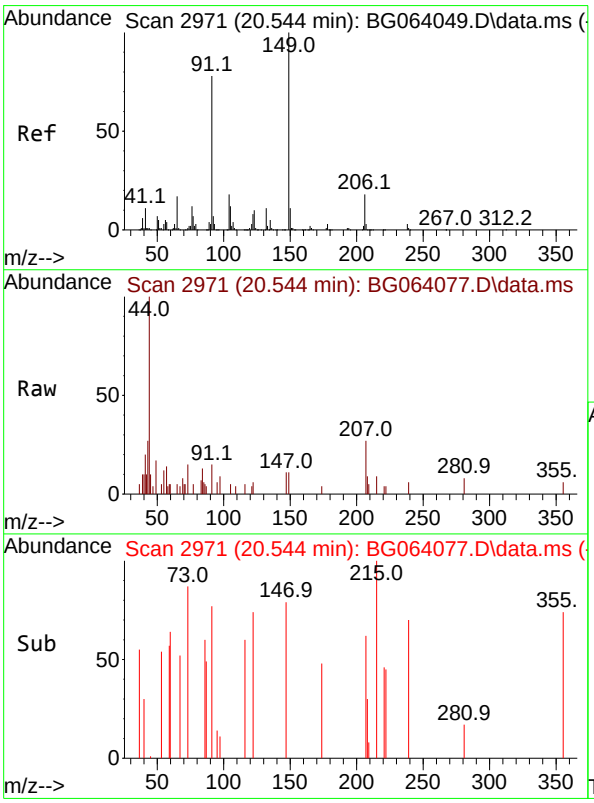

#79
Terphenyl-d14
Concen: 99.960 ng
RT: 19.851 min Scan# 2
Delta R.T. 0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:244 Resp: 1204312

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.1 | 6.2 | 9.4 |
| 122 | 9.5 | 8.0 | 12.0 |

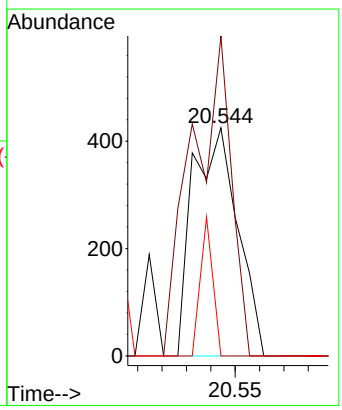


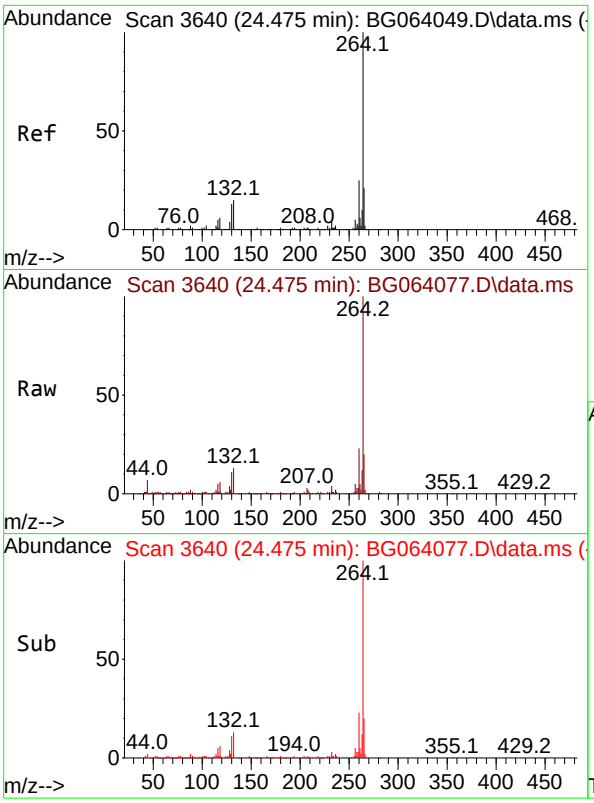




#80
Butylbenzylphthalate
Concen: 3.723 ng
RT: 20.544 min Scan# 2971
Delta R.T. 0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

Tgt Ion:149 Resp: 545

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 140.2 | 62.0 | 93.0# |
| 206 | 0.0 | 14.6 | 21.8# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 24.475 min Scan# 3
Delta R.T. 0.000 min
Lab File: BG064077.D
Acq: 10 Mar 2025 12:22

**Instrument :**
BNA_G
**ClientSampleId :**
ENV-101-SB02

Tgt Ion:264 Resp: 255654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 19.6 | 29.4 |
| 265 | 20.4 | 16.6 | 25.0 |