Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016436.D
Acq On : 28 Jul 2023 22:33
Operator : MA/JU
Sample : 03797-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Quant Time: Jul 29 00:44:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.087 | 152 | 310679 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.922 | 136 | 1301427 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.728 | 164 | 780757 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.492 | 188 | 1815695 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.580 | 240 | 1675213 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 24.174 | 264 | 1740041 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.599 | 112 | 2097520 | 110.143 | ng | 0.00 |
| 7) Phenol-d6 | 7.222 | 99 | 2648311 | 101.458 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.281 | 82 | 1718612 | 73.923 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.222 | 330 | 1153384 | 100.416 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.357 | 172 | 3931368 | 72.190 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.034 | 244 | 7692213 | 96.998 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 9) Benzaldehyde | 7.222 | 77 | 6439 | Below Cal | # | 5 |
| 26) 2-Nitrophenol | 10.034 | 139 | 20 | 3.127 | ng # | 1 |
| 32) Benzoic acid | 10.116 | 122 | 40798 | 8.860 | ng | 92 |
| 54) 2,4-Dinitrophenol | 14.857 | 184 | 50 | 8.009 | ng # | 42 |
| 65) 4,6-Dinitro-2-methylph... | 15.875 | 198 | 59 | 6.307 | ng # | 1 |

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072823\
Data File : BP016436.D
Acq On : 28 Jul 2023 22:33
Operator : MA/JU
Sample : 03797-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Quant Time: Jul 29 00:44:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 01:48:25 2023
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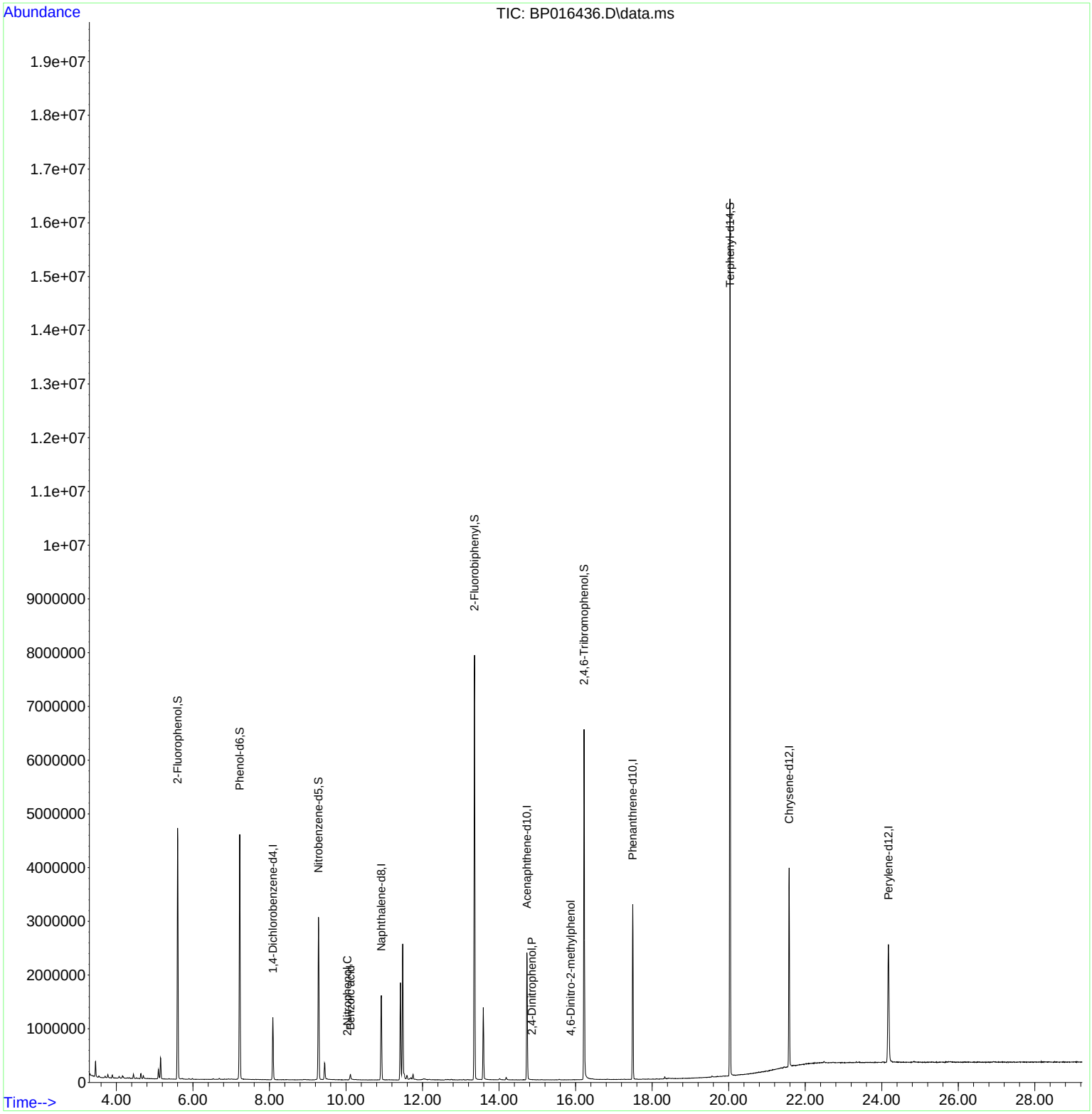
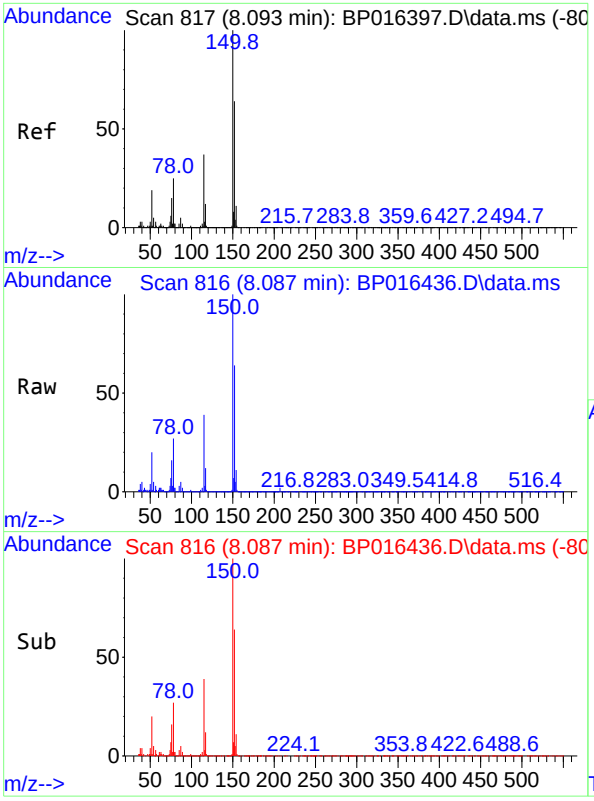


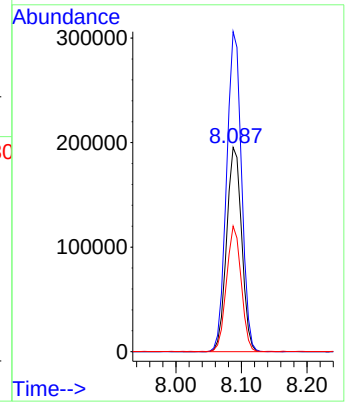


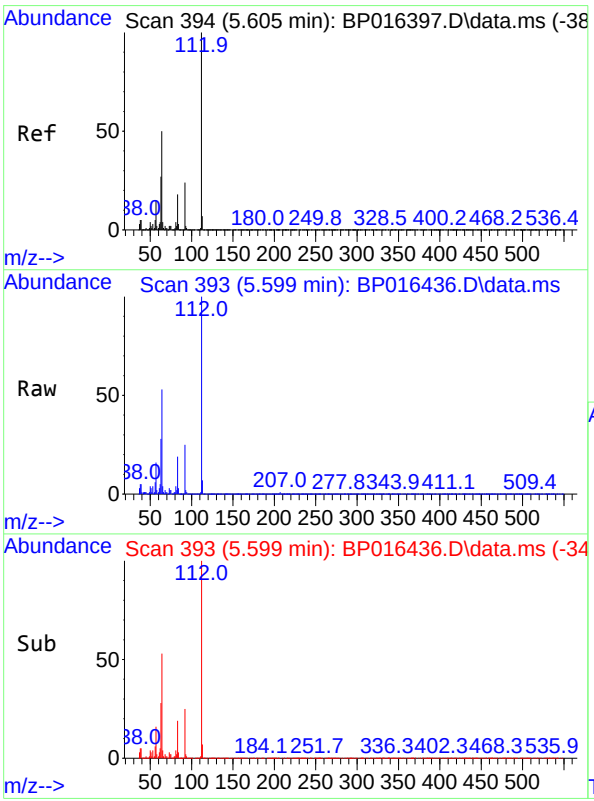

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.087 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Tgt Ion:152 Resp: 310679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.7 | 124.9 | 187.3 |
| 115 | 61.5 | 46.8 | 70.2 |

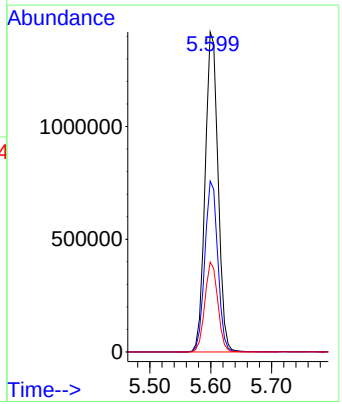


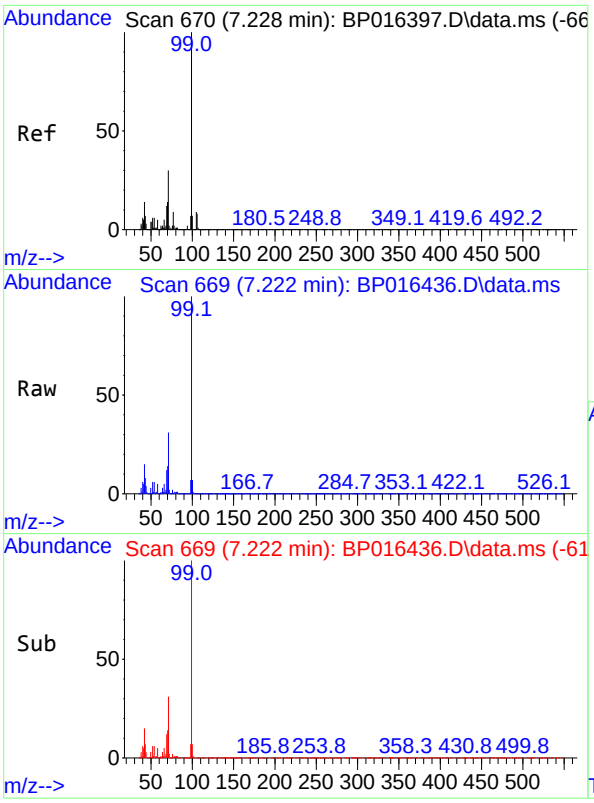




#5
2-Fluorophenol
Concen: 110.143 ng
RT: 5.599 min Scan# 393
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:112 Resp: 2097520

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.4 | 40.0 | 60.0 |
| 63 | 28.1 | 21.2 | 31.8 |



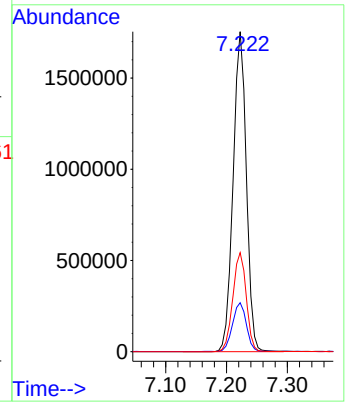


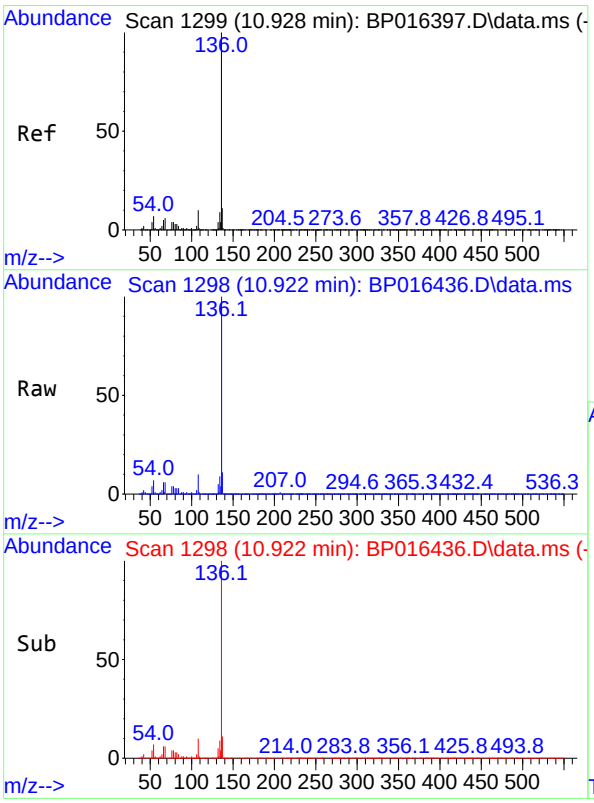

#7
Phenol-d6
Concen: 101.458 ng
RT: 7.222 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Tgt Ion: 99 Resp: 2648311

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.3 | 11.6 | 17.4 |
| 71 | 31.0 | 24.3 | 36.5 |

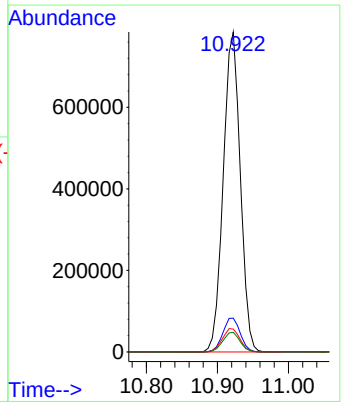


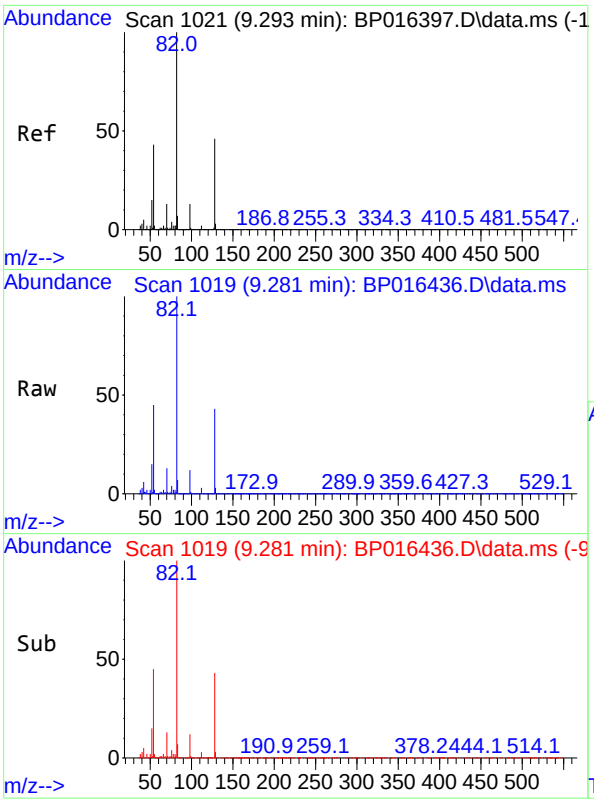




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.922 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:136 Resp: 1301427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.5 | 8.6 | 13.0 |
| 54 | 7.2 | 5.6 | 8.4 |
| 68 | 6.2 | 4.6 | 6.8 |



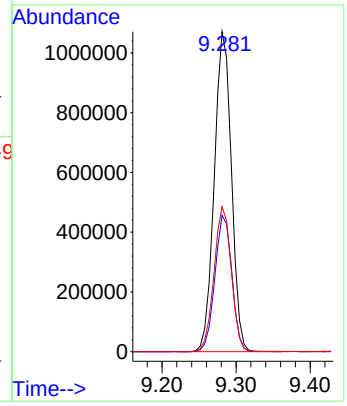


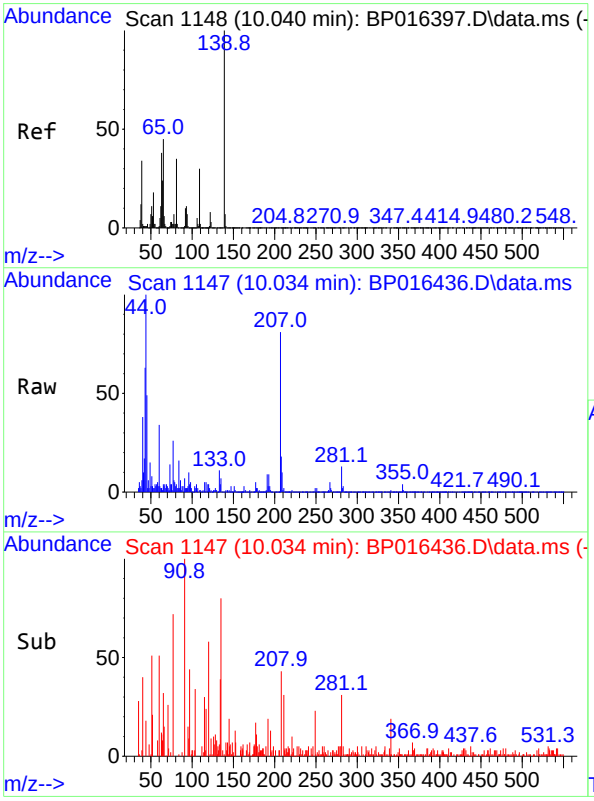

#23
Nitrobenzene-d5
Concen: 73.923 ng
RT: 9.281 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Tgt Ion: 82 Resp: 1718612

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.6 | 36.6 | 55.0 |
| 54 | 45.3 | 34.5 | 51.7 |

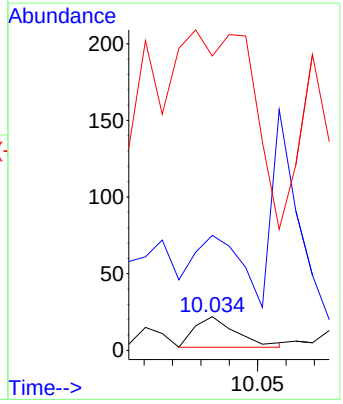


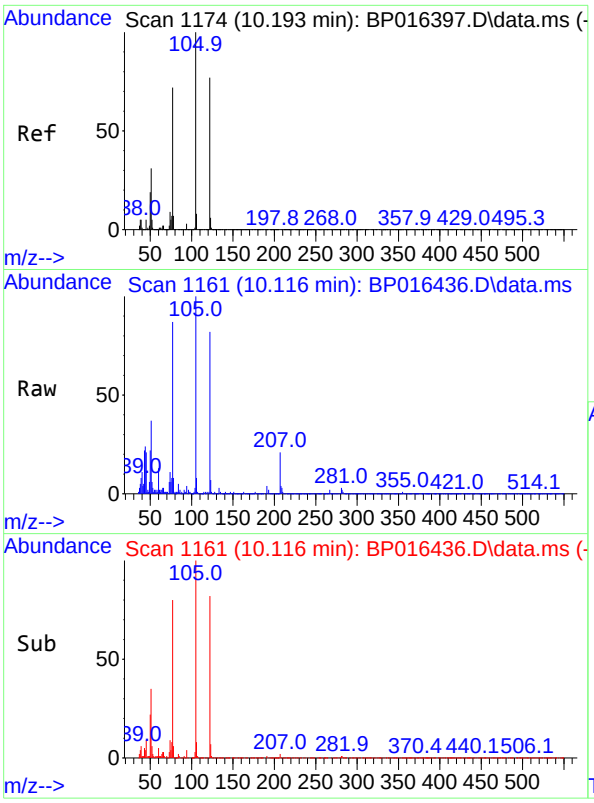




#26
2-Nitrophenol
Concen: 3.127 ng
RT: 10.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:139 Resp: 20

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 340.9 | 24.2 | 36.4# |
| 65 | 872.7 | 35.8 | 53.6# |



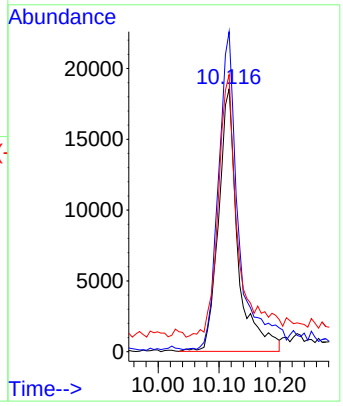


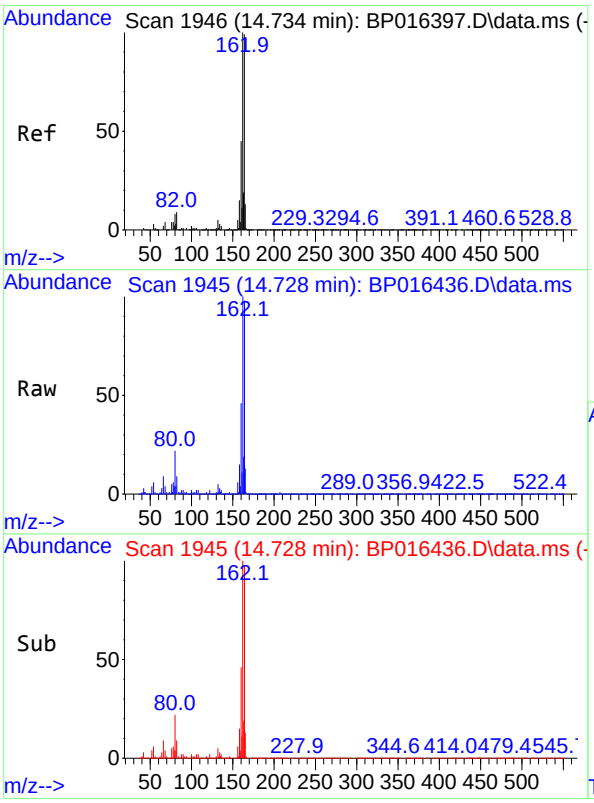

#32
Benzoic acid
Concen: 8.860 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.077 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Tgt Ion:122 Resp: 40798

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 121.8 | 105.2 | 145.2 |
| 77 | 105.5 | 72.2 | 112.2 |

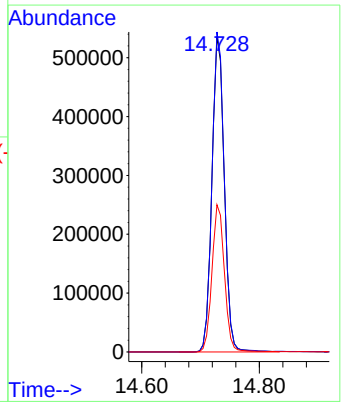


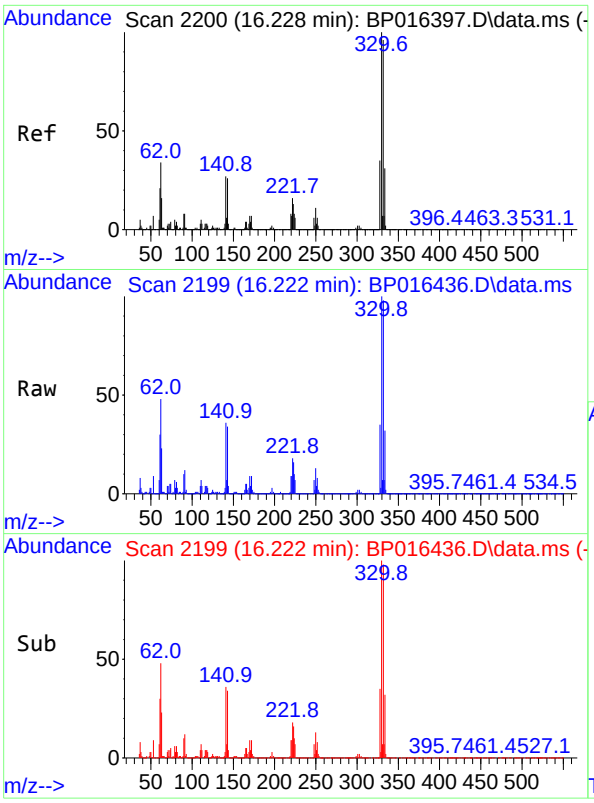




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.728 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:164 Resp: 780757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.5 | 81.0 | 121.6 |
| 160 | 46.7 | 36.6 | 55.0 |



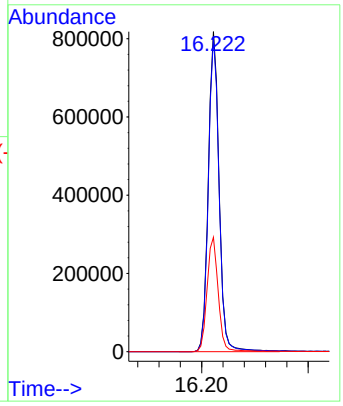


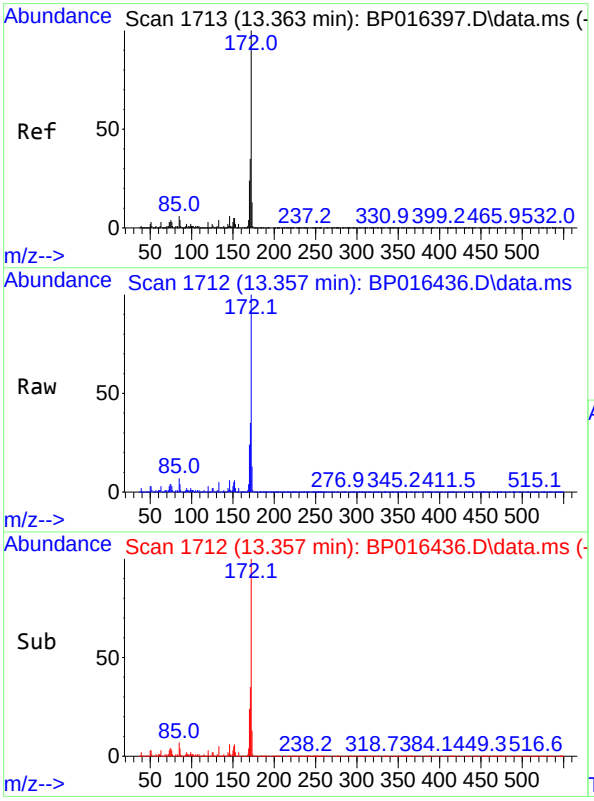

#42
2,4,6-Tribromophenol
Concen: 100.416 ng
RT: 16.222 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Tgt Ion:330 Resp: 1153384

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.0 | 77.8 | 116.8 |
| 141 | 37.2 | 22.6 | 34.0# |

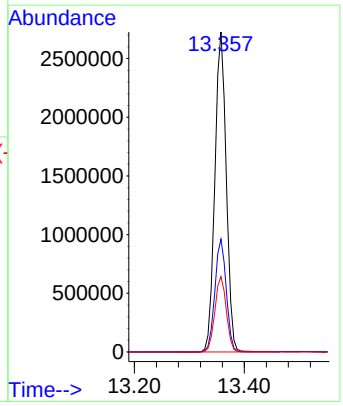


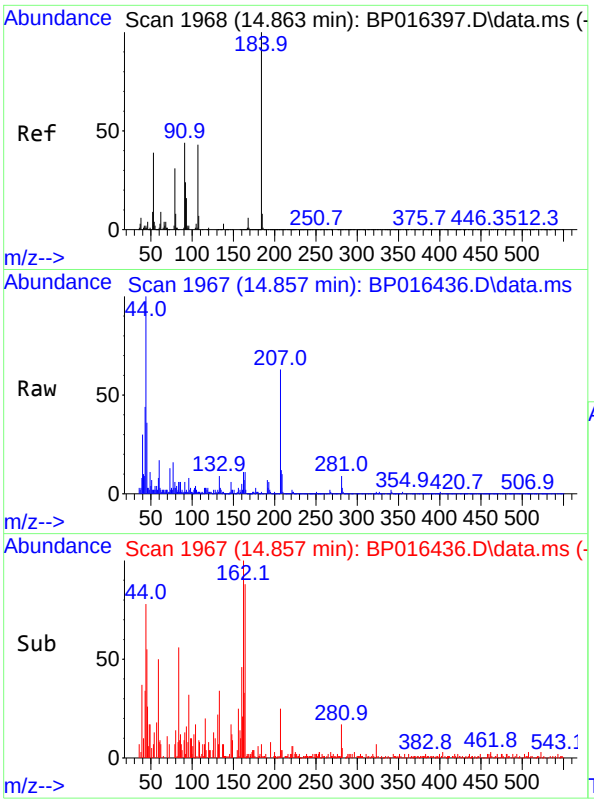




#45
2-Fluorobiphenyl
Concen: 72.190 ng
RT: 13.357 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:172 Resp: 3931368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.2 | 28.2 | 42.2 |
| 170 | 23.5 | 19.1 | 28.7 |



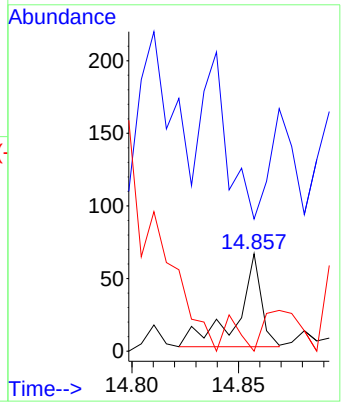


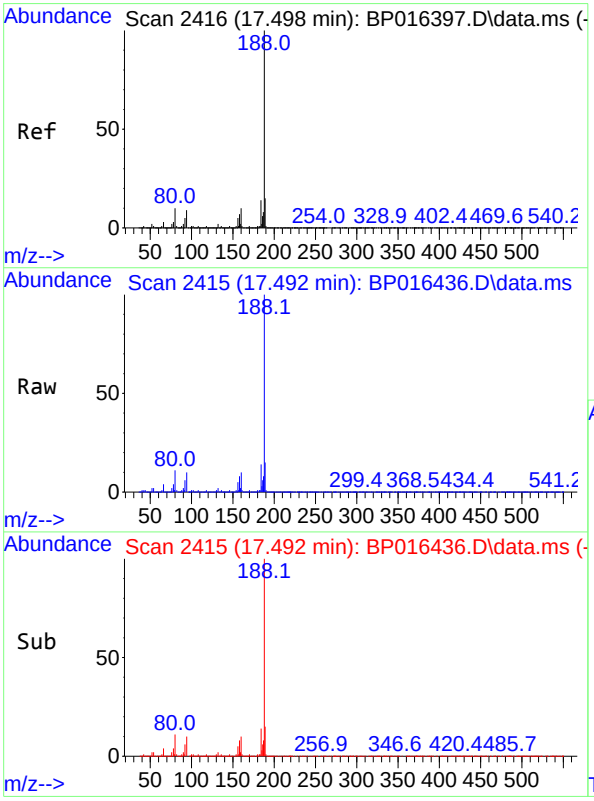

#54
2,4-Dinitrophenol
Concen: 8.009 ng
RT: 14.857 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Tgt Ion:184 Resp: 50

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 135.8 | 48.2 | 72.4# |
| 154 | 76.1 | 49.6 | 74.4# |

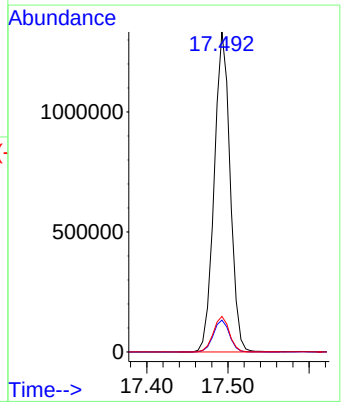


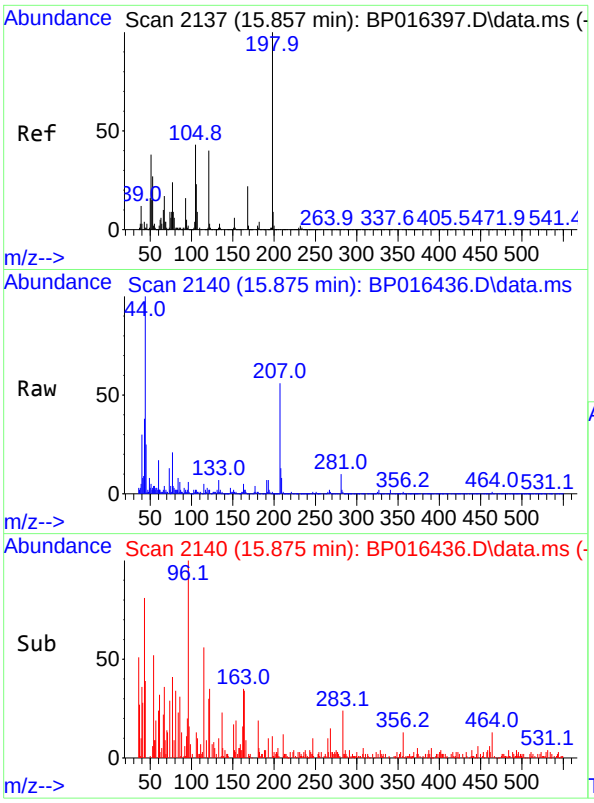




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.006 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:188 Resp: 1815695

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 7.4 | 11.0 |
| 80 | 11.1 | 7.8 | 11.8 |



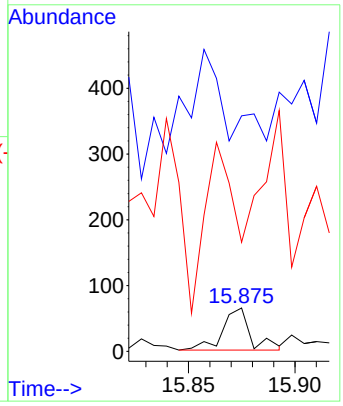


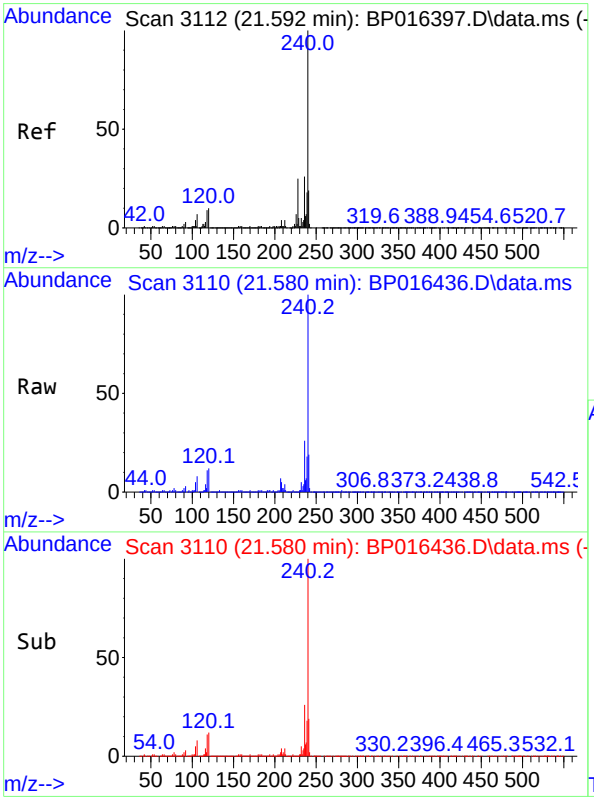

#65
4,6-Dinitro-2-methylphenol
Concen: 6.307 ng
RT: 15.875 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Tgt Ion:198 Resp: 59

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 542.4 | 20.1 | 60.1# |
| 105 | 251.5 | 23.1 | 63.1# |

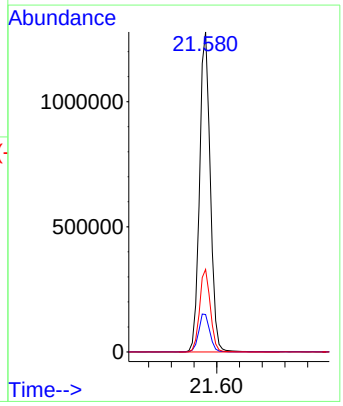


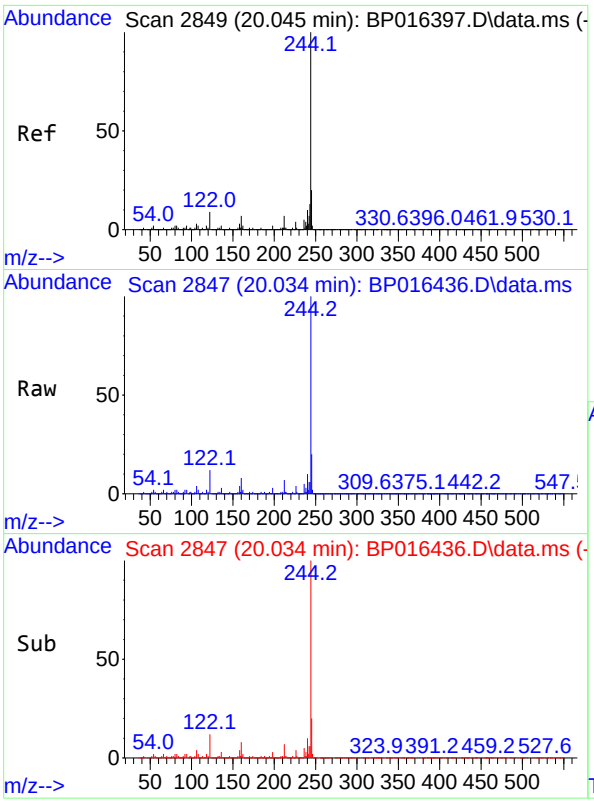




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:240 Resp: 1675213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 7.9 | 11.9 |
| 236 | 25.8 | 21.1 | 31.7 |



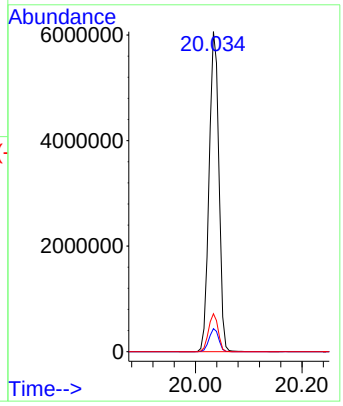


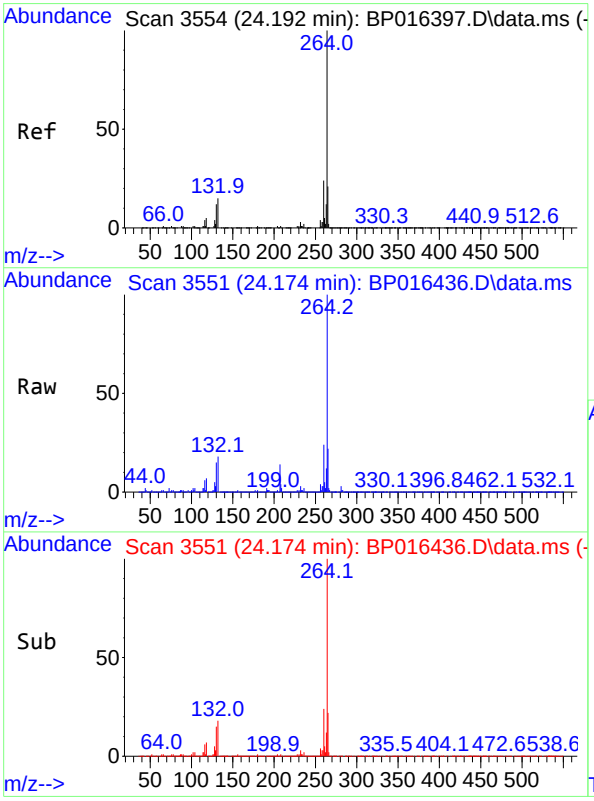

#79
Terphenyl-d14
Concen: 96.998 ng
RT: 20.034 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

**Instrument :**
BNA_P
**ClientSampleId :**
HANOVER-ST-2

Tgt Ion:244 Resp: 7692213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.6 | 8.4 |
| 122 | 11.8 | 7.4 | 11.2# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.174 min Scan# 3551
Delta R.T. -0.018 min
Lab File: BP016436.D
Acq: 28 Jul 2023 22:33

Tgt Ion:264 Resp: 1740041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.5 | 19.3 | 28.9 |
| 265 | 22.0 | 17.4 | 26.0 |