Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002610.D
Acq On : 01 Jul 2020 18:30
Operator : CG/JU
Sample : L3155-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** CBH-POST-DEWATERING-BAG

Quant Time: Jul 02 00:55:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.57 | 152 | 291808 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.34 | 136 | 1151087 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 699345 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.97 | 188 | 1443646 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.09 | 240 | 1318032 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.28 | 264 | 1137946 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 911917 | 52.91 | ng | | 0.00 |
| 7) Phenol-d6 | 6.76 | 99 | 772662 | 32.12 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.72 | 82 | 1835867 | 82.18 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.72 | 330 | 979814 | 115.19 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.83 | 172 | 3750977 | 78.94 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.57 | 244 | 4707498 | 77.09 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.73 | 77 | 567 | Below Cal | | # | 74 |
| 32) Benzoic acid | 9.67 | 122 | 535 | 8.733 | ng | # | 65 |
| 41) Hexachlorocyclopentadiene | 12.36 | 237 | 15 | 4.383 | ng | | 91 |
| 50) Dimethylphthalate | 13.68 | 163 | 457290 | 8.325 | ng | | 100 |
| 54) 2,4-Dinitrophenol | 14.35 | 184 | 88 | 6.020 | ng | # | 1 |
| 56) 4-Nitrophenol | 14.49 | 139 | 89 | 2.444 | ng | # | 35 |
| 65) 4,6-Dinitro-2-methylphenol | 15.35 | 198 | 72 | 2.717 | ng | # | 1 |
| 70) Pentachlorophenol | 16.66 | 266 | 413 | 2.702 | ng | # | 87 |
| 77) Benzidine | 19.19 | 184 | 136 | 3.758 | ng | # | 1 |

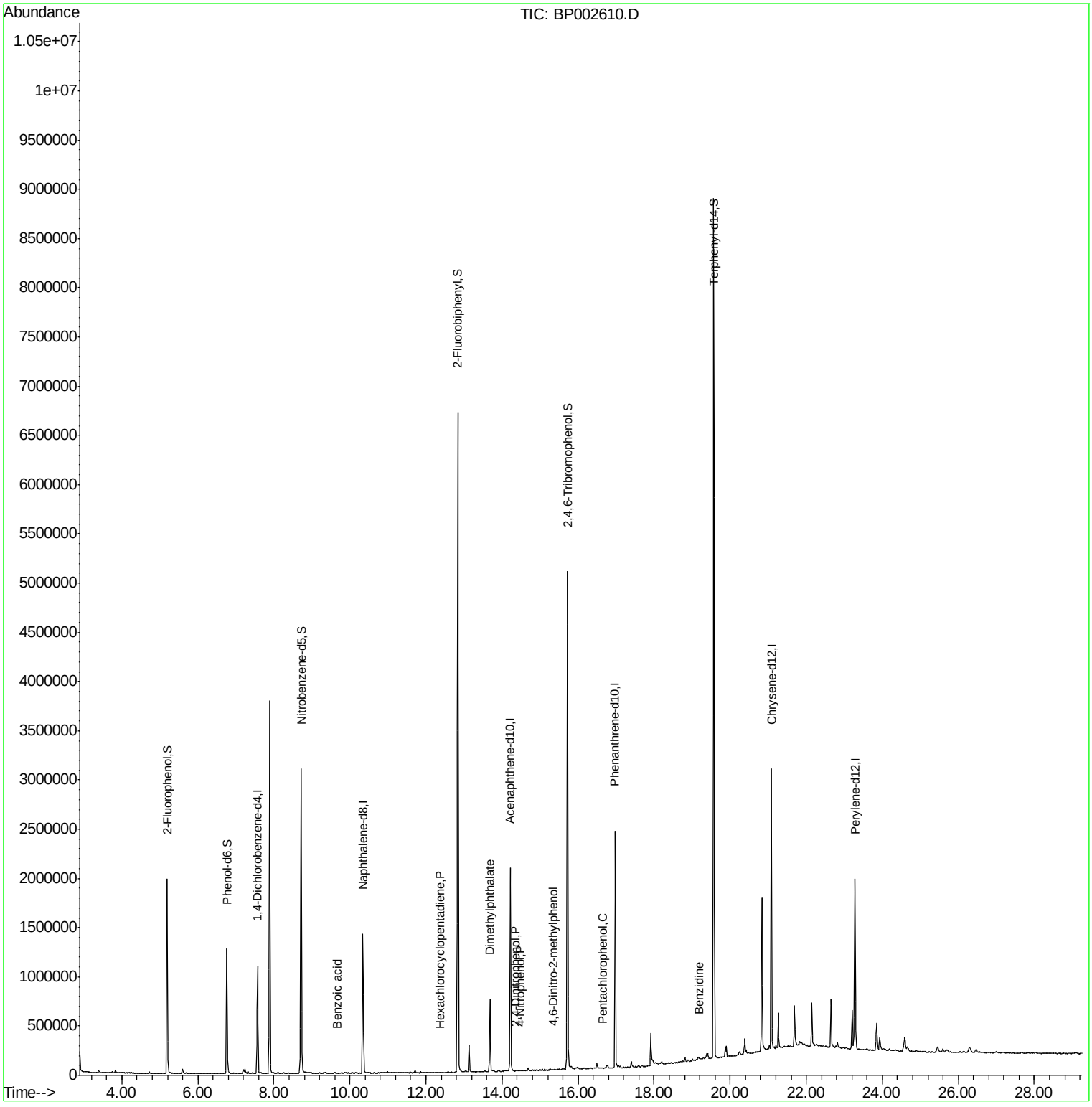
(#) = qualifier out of range (m) = manual integration (+) = signals summed

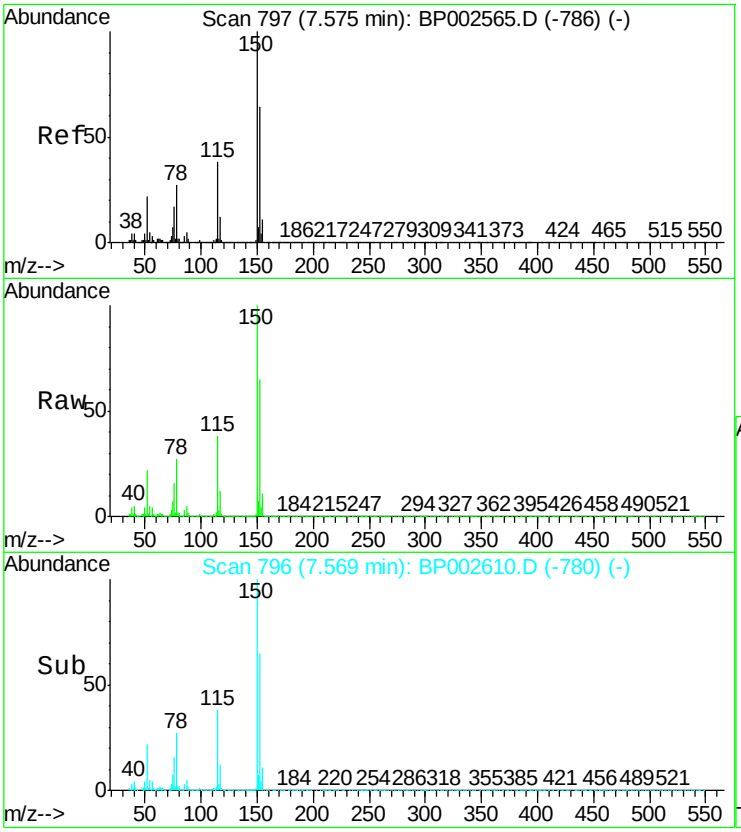
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070120\
Data File : BP002610.D
Acq On : 01 Jul 2020 18:30
Operator : CG/JU
Sample : L3155-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Quant Time: Jul 02 00:55:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



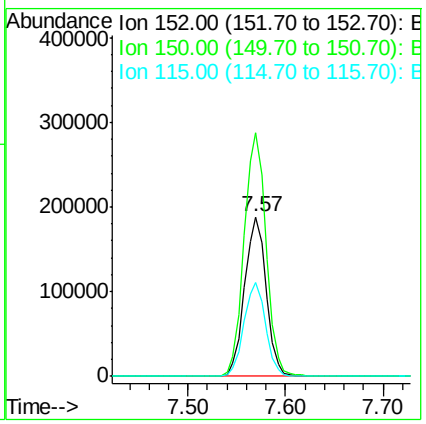


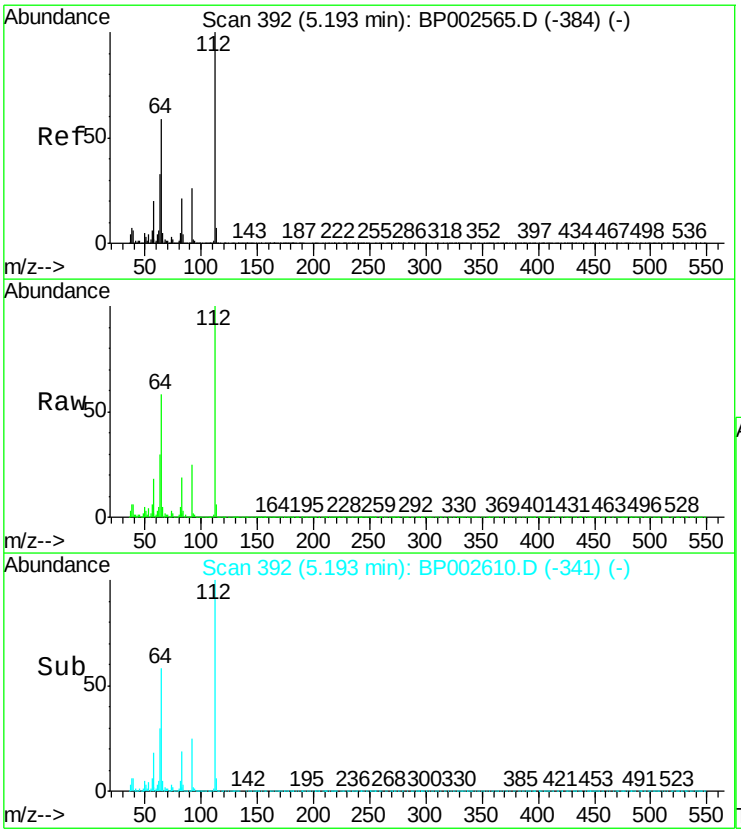

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion:152 Resp: 291808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.9 | 124.2 | 186.2 |
| 115 | 58.8 | 47.1 | 70.7 |

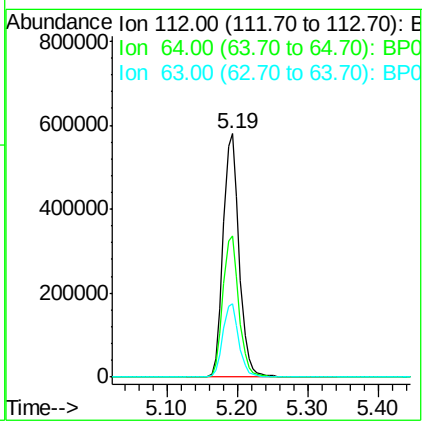


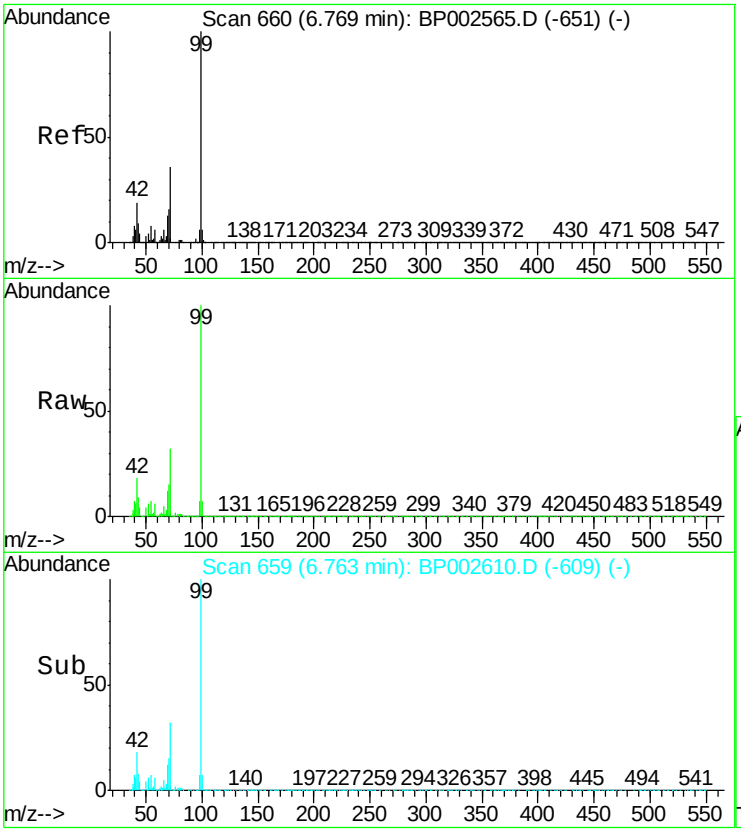




#5
2-Fluorophenol
Concen: 52.911 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:112 Resp: 911917

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.0 | 47.0 | 70.6 |
| 63 | 29.9 | 26.1 | 39.1 |



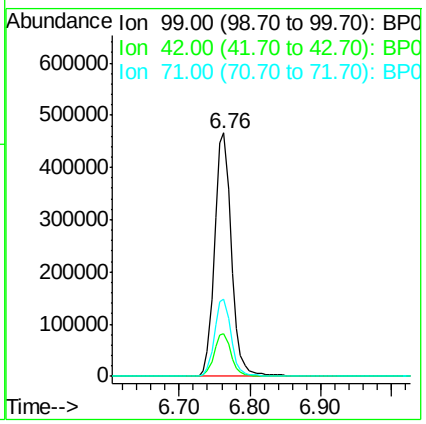


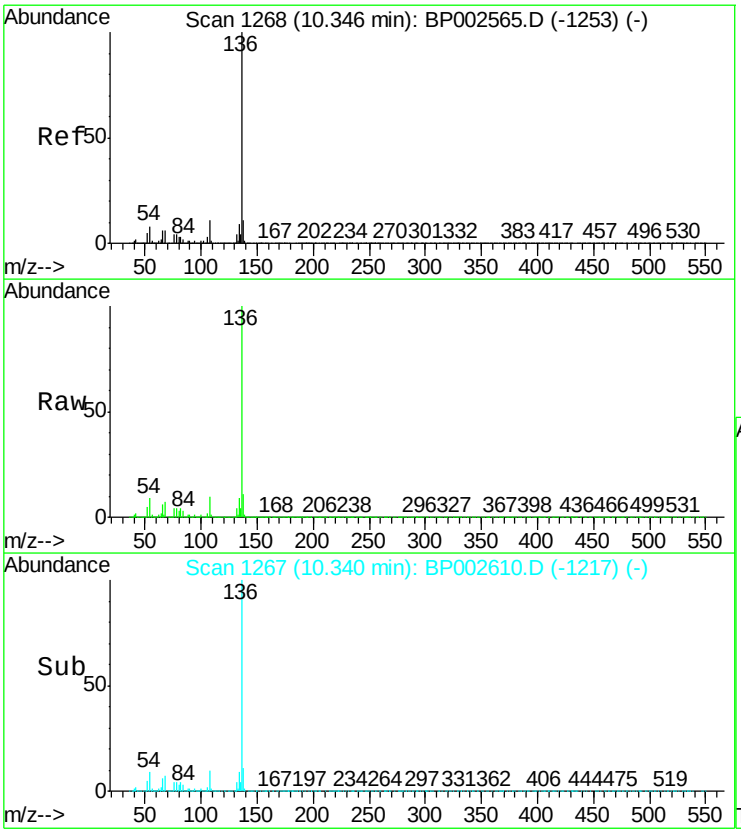

#7
Phenol-d6
Concen: 32.120 ng
RT: 6.76 min Scan# 659
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion: 99 Resp: 772662

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 15.5 | 23.3 |
| 71 | 31.8 | 28.9 | 43.3 |

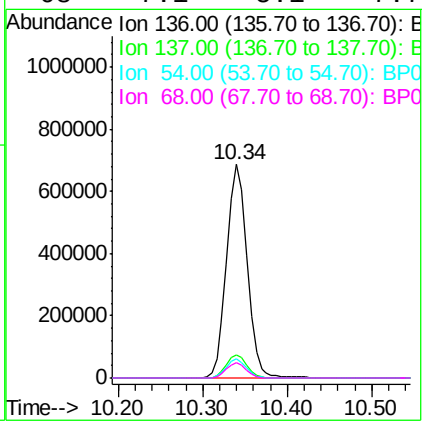


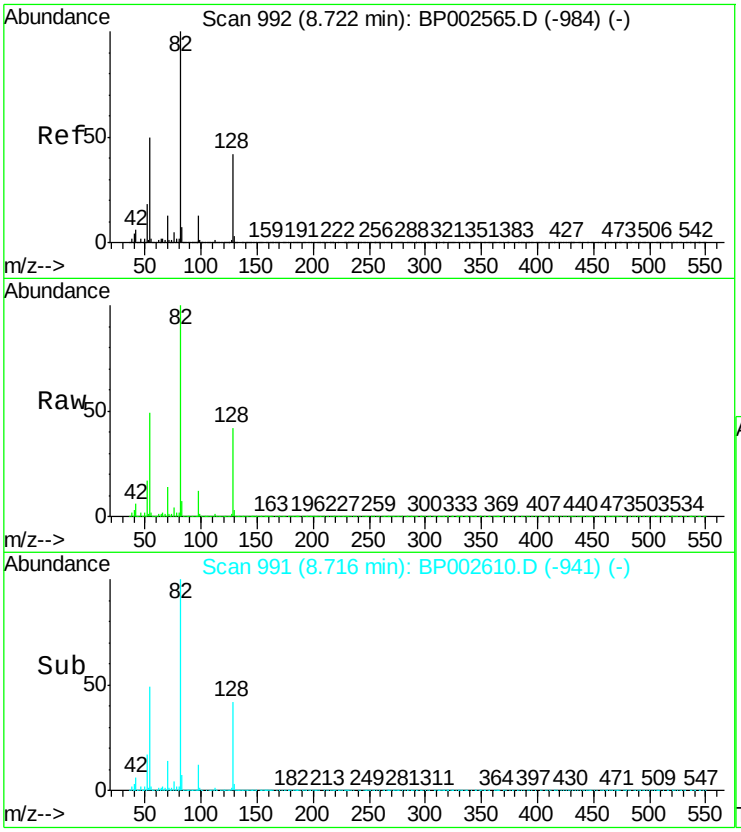




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:136 Resp: 1151087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.8 | 13.2 |
| 54 | 8.8 | 6.4 | 9.6 |
| 68 | 7.1 | 5.1 | 7.7 |



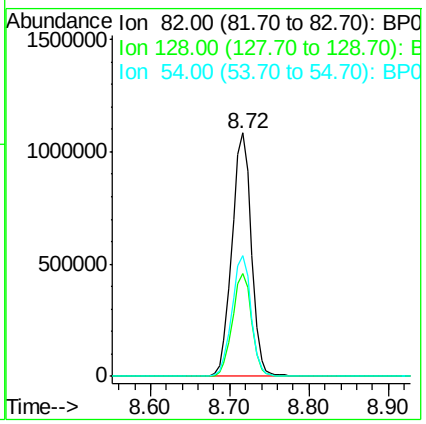


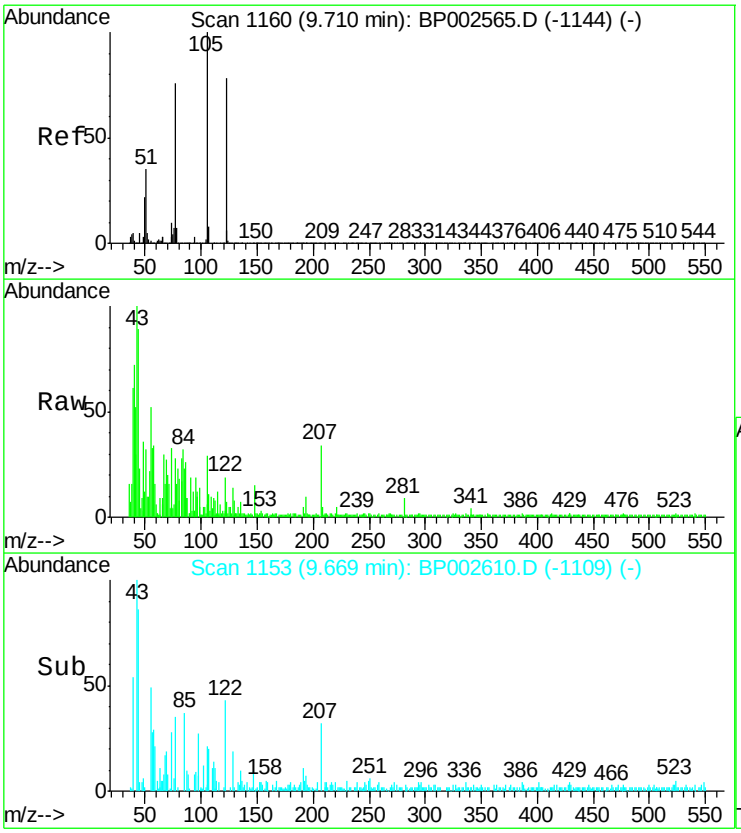

#23
Nitrobenzene-d5
Concen: 82.178 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion: 82 Resp: 1835867

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.1 | 33.4 | 50.2 |
| 54 | 49.4 | 40.1 | 60.1 |

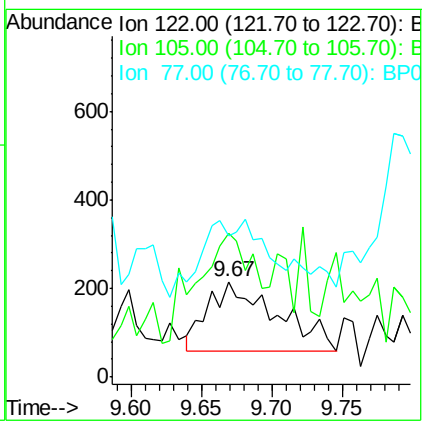


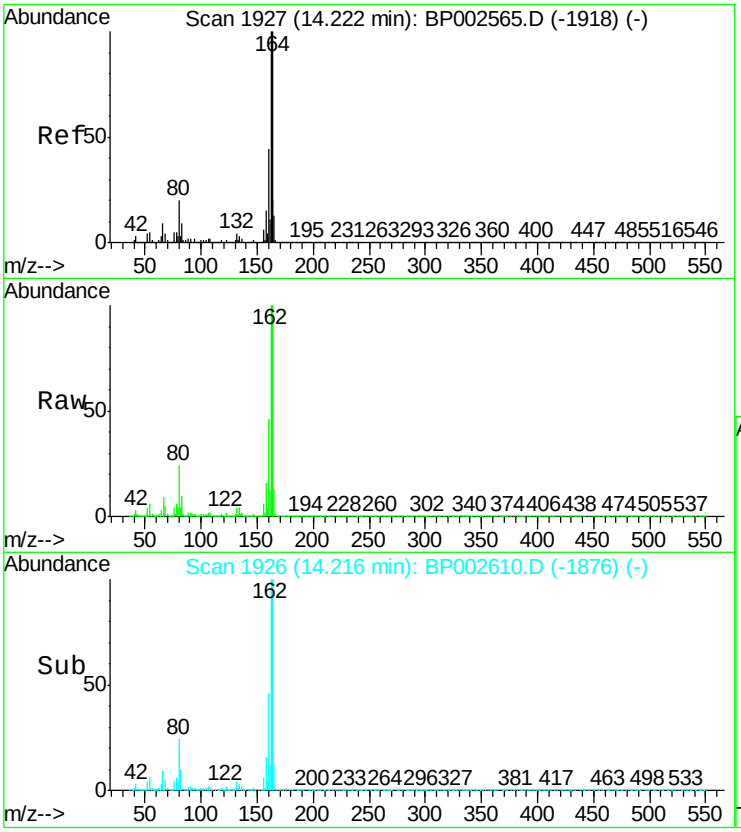




#32
Benzoic acid
Concen: 8.733 ng
RT: 9.67 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:122 Resp: 535

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 151.2 | 106.6 | 146.6# |
| 77 | 148.4 | 76.5 | 116.5# |



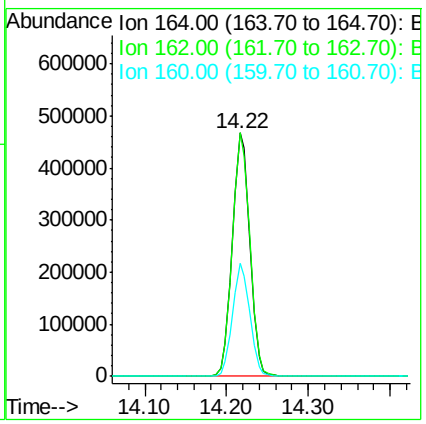


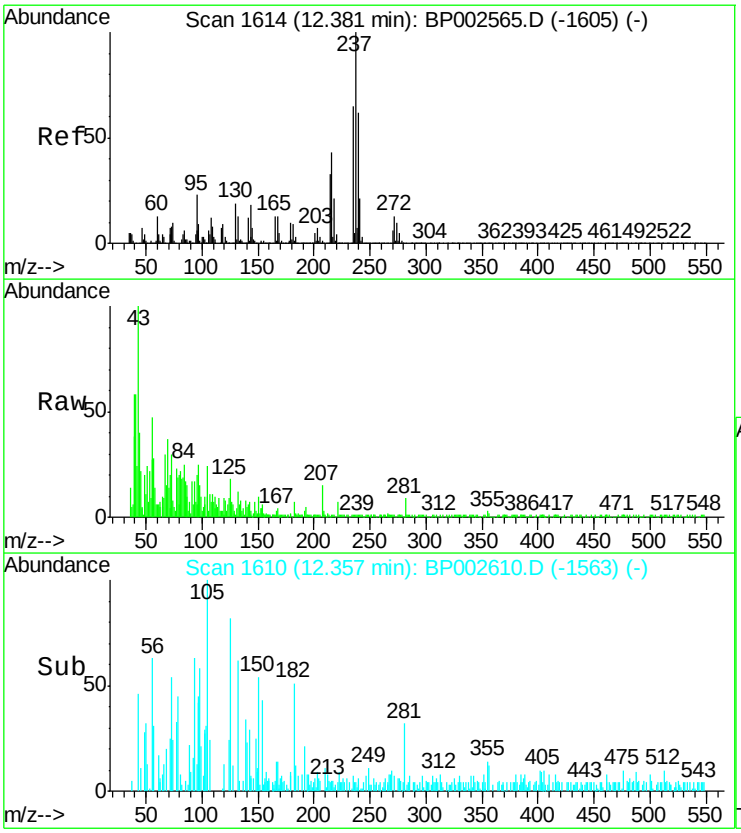

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion:164 Resp: 699345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 80.3 | 120.5 |
| 160 | 46.4 | 35.0 | 52.6 |

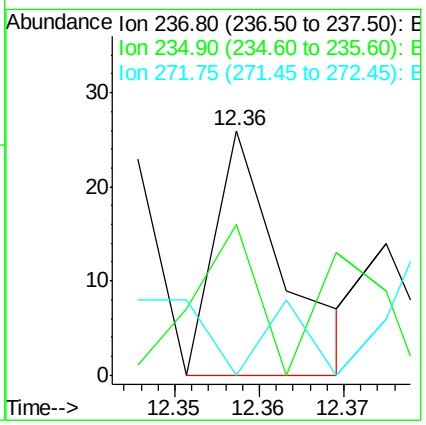


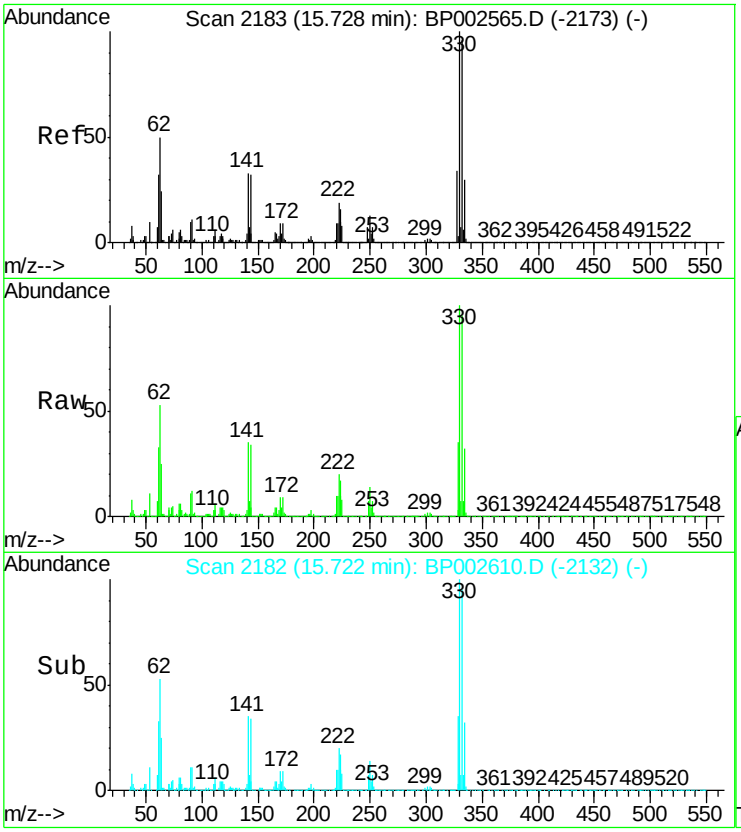




#41
Hexachlorocyclopentadiene
Concen: 4.383 ng
RT: 12.36 min Scan# 1610
Delta R.T. -0.02 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:237 Resp: 15

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 61.5 | 45.4 | 85.4 |
| 272 | 0.0 | 0.0 | 32.6 |



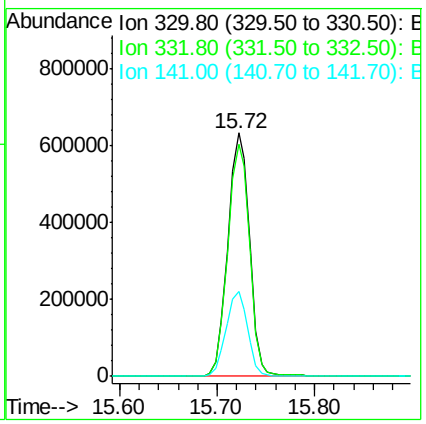


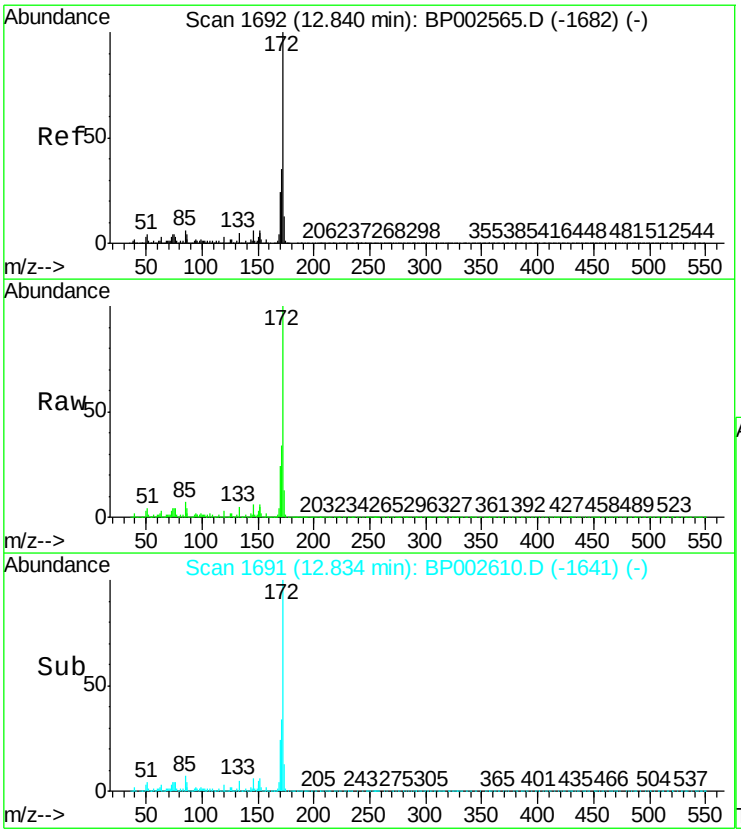

#42
2,4,6-Tribromophenol
Concen: 115.191 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion:330 Resp: 979814

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.5 | 77.7 | 116.5 |
| 141 | 34.9 | 29.0 | 43.6 |

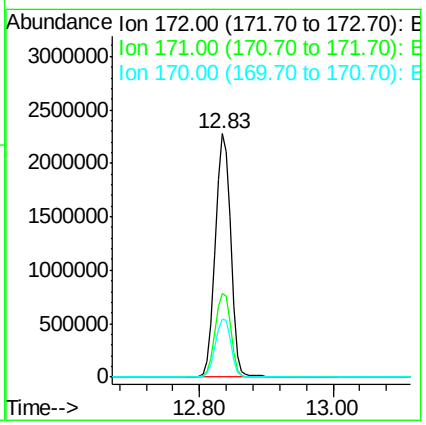


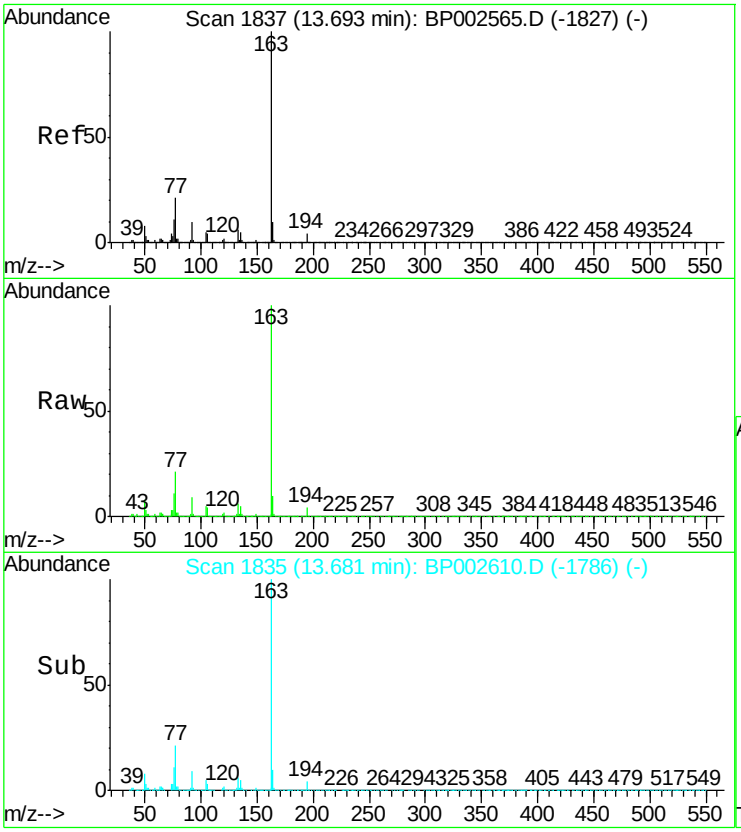




#45
2-Fluorobiphenyl
Concen: 78.943 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:172 Resp: 3750977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 28.0 | 42.0 |
| 170 | 24.1 | 19.0 | 28.4 |



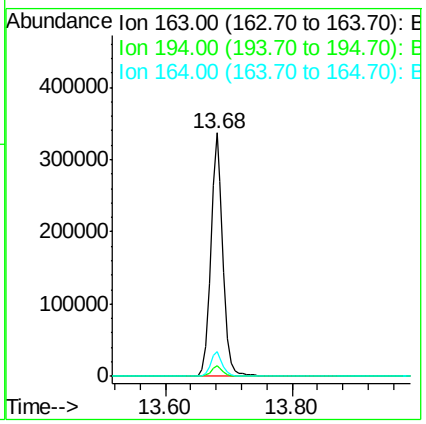


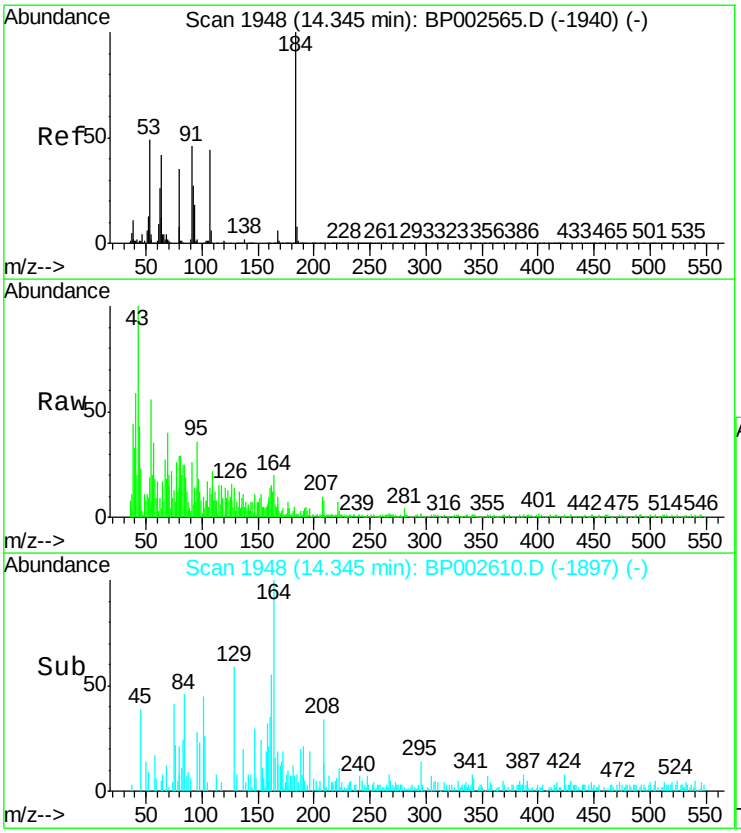

#50
Dimethylphthalate
Concen: 8.325 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion:163 Resp: 457290

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.0 |
| 164 | 10.3 | 8.2 | 12.4 |

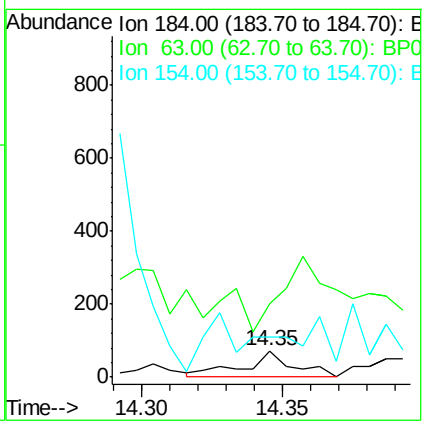


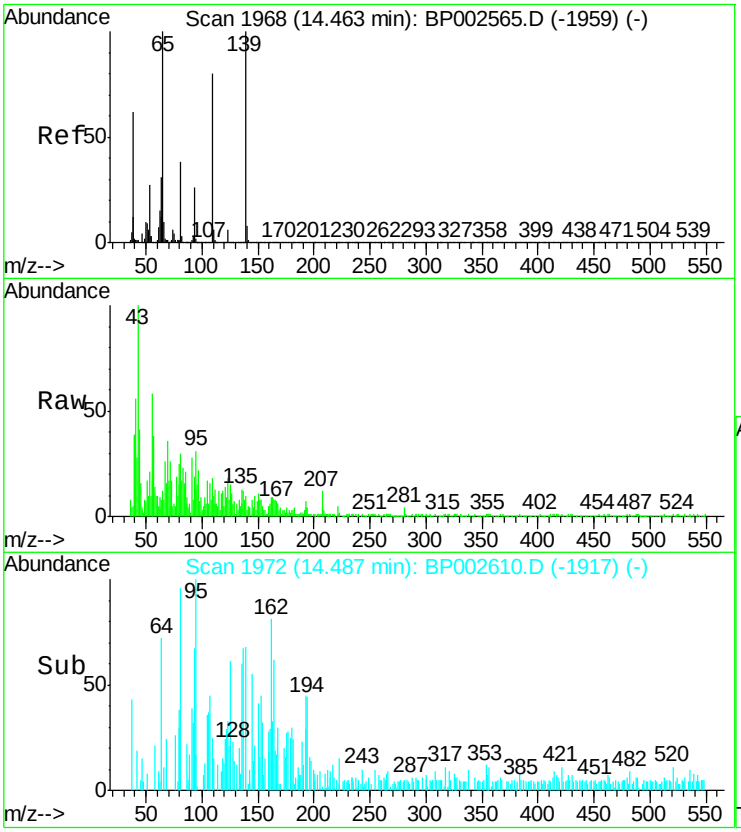




#54
2,4-Dinitrophenol
Concen: 6.020 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.00 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:184 Resp: 88

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 277.8 | 56.2 | 84.2# |
| 154 | 154.2 | 50.9 | 76.3# |



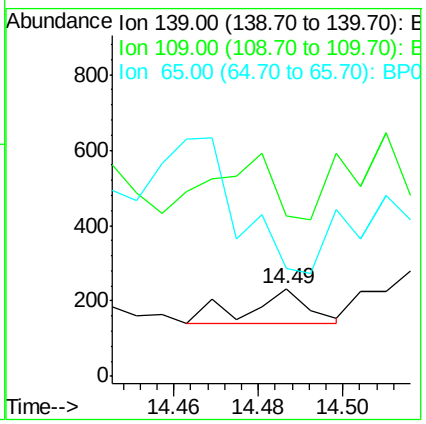


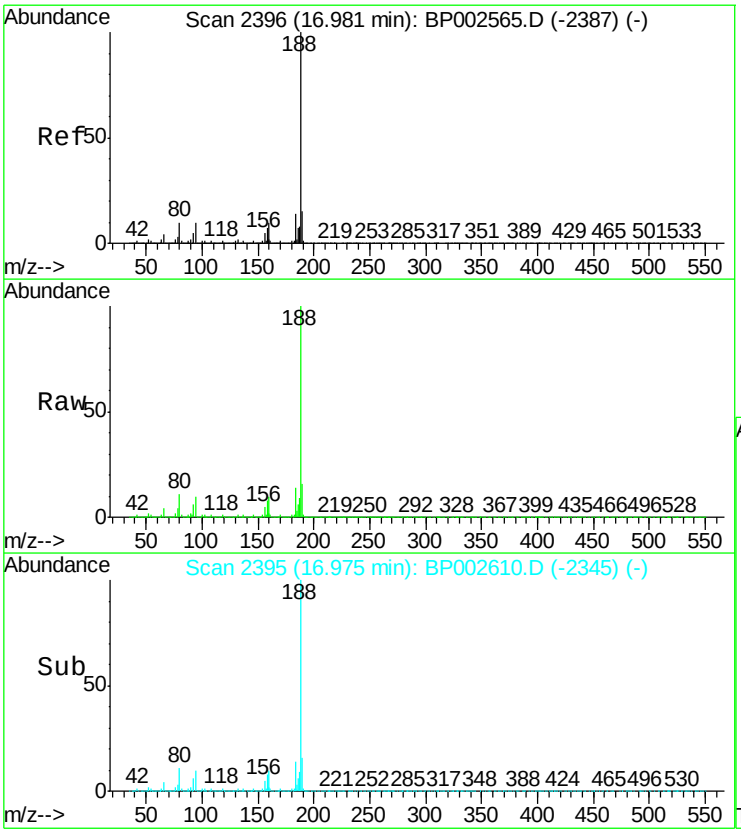

#56
4-Nitrophenol
Concen: 2.444 ng
RT: 14.49 min Scan# 1972
Delta R.T. 0.02 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion:139 Resp: 89

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 183.3 | 60.1 | 100.1# |
| 65 | 123.2 | 80.3 | 120.3# |

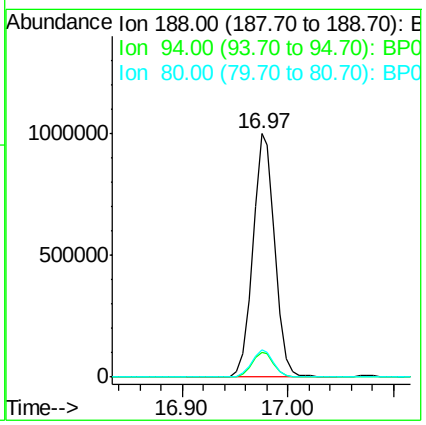


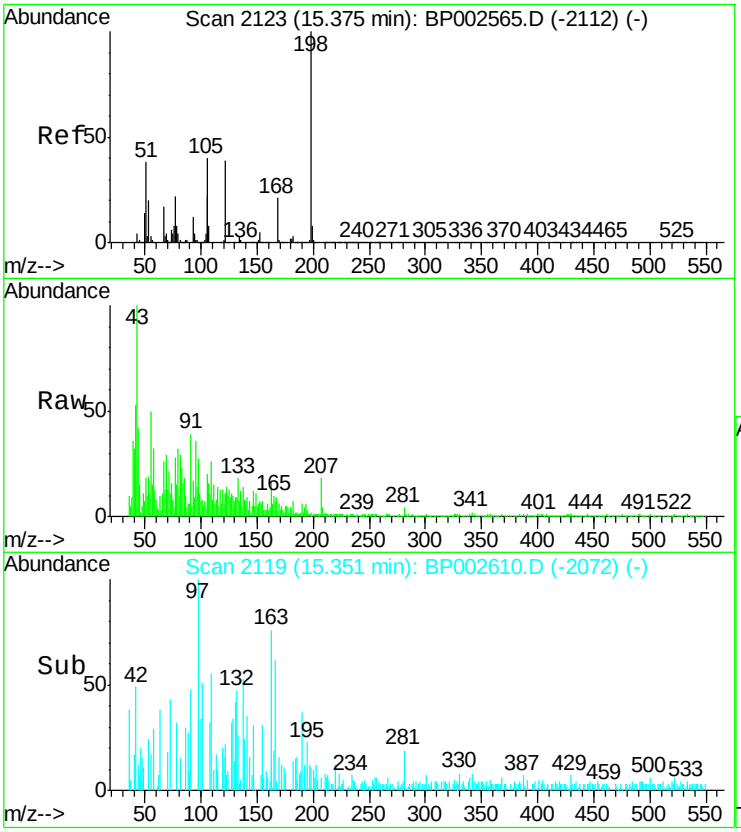




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:188 Resp: 1443646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 7.8 | 11.6 |
| 80 | 11.4 | 8.2 | 12.4 |



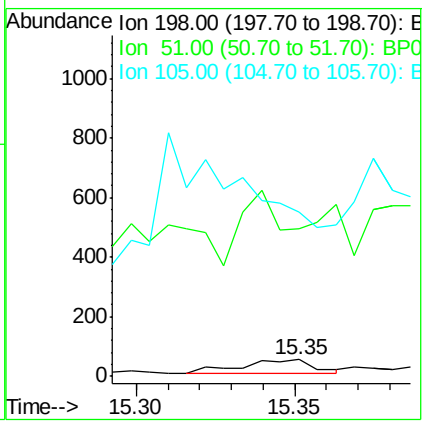


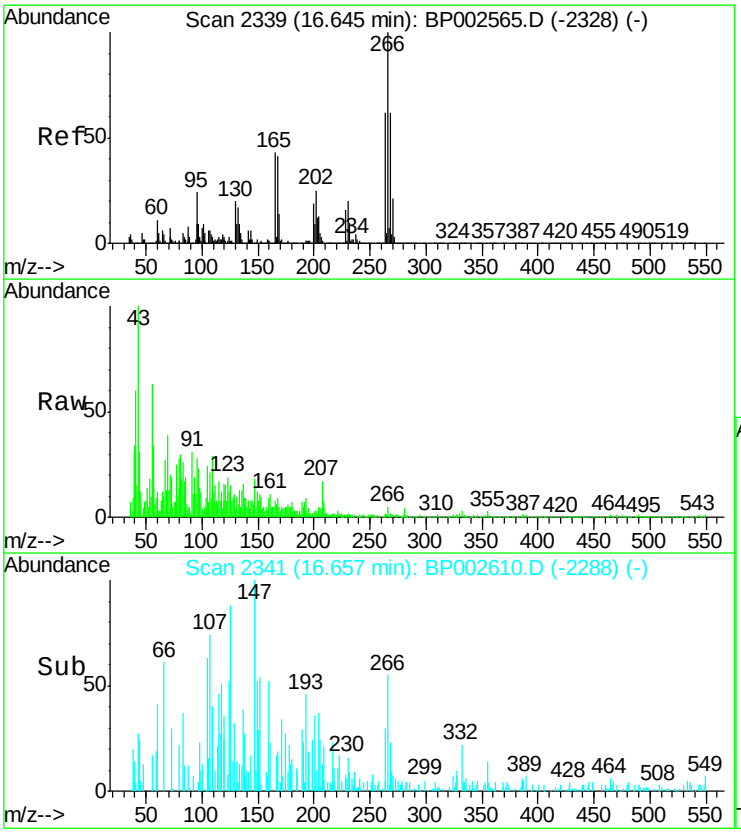

#65
4,6-Dinitro-2-methylphenol
Concen: 2.717 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion:198 Resp: 72

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 901.8 | 24.2 | 64.2# |
| 105 | 1000.0 | 20.7 | 60.7# |

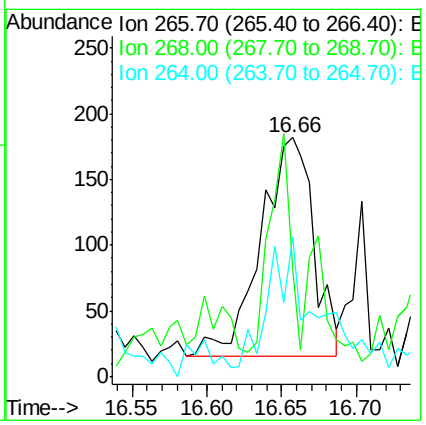


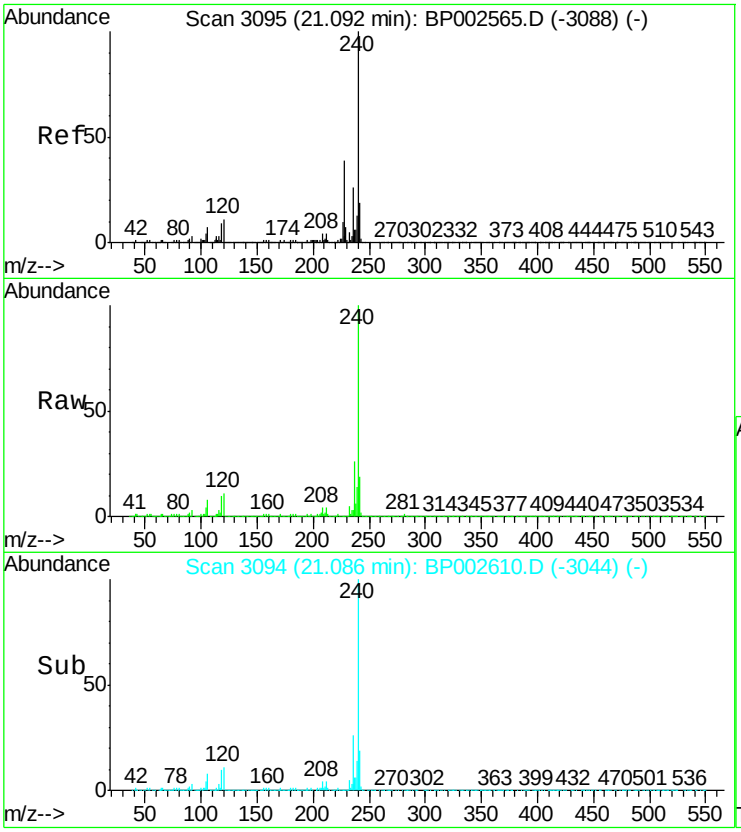




#70
Pentachlorophenol
Concen: 2.702 ng
RT: 16.66 min Scan# 2341
Delta R.T. 0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:266 Resp: 413

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 45.1 | 49.7 | 74.5# |
| 264 | 58.2 | 49.3 | 73.9 |



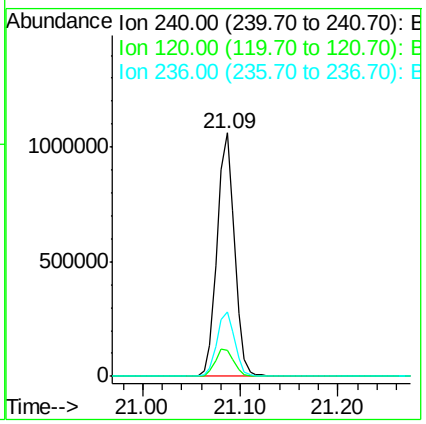


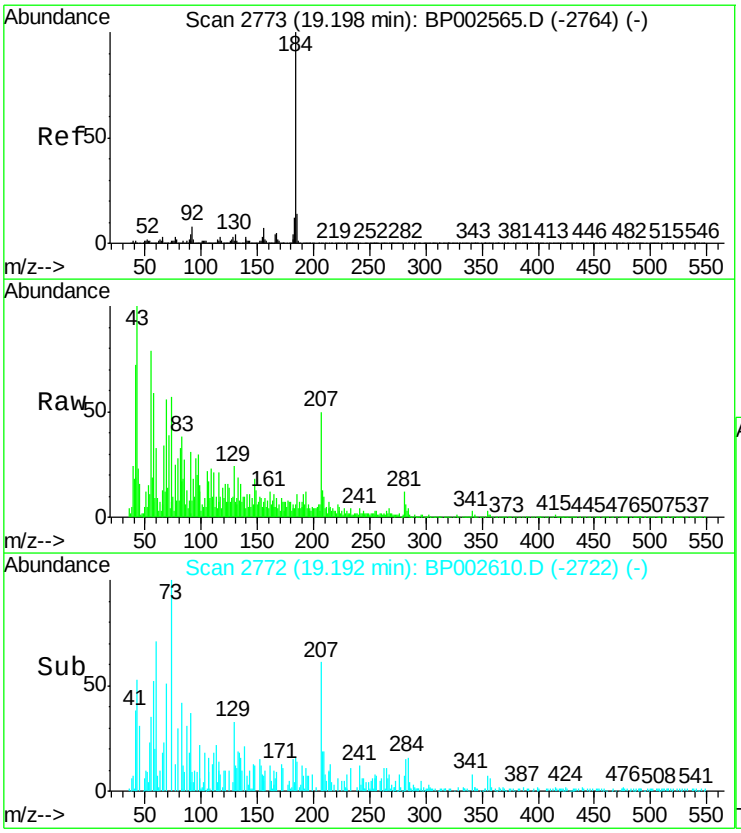

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion:240 Resp: 1318032

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.6 | 13.0 |
| 236 | 26.2 | 20.8 | 31.2 |

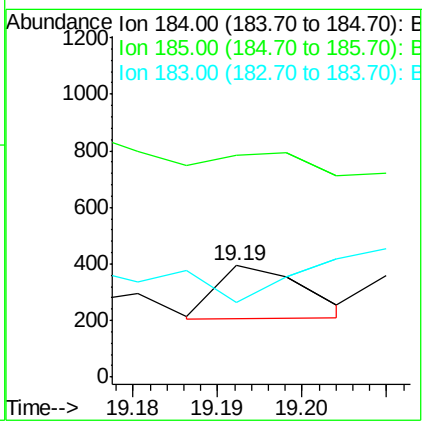


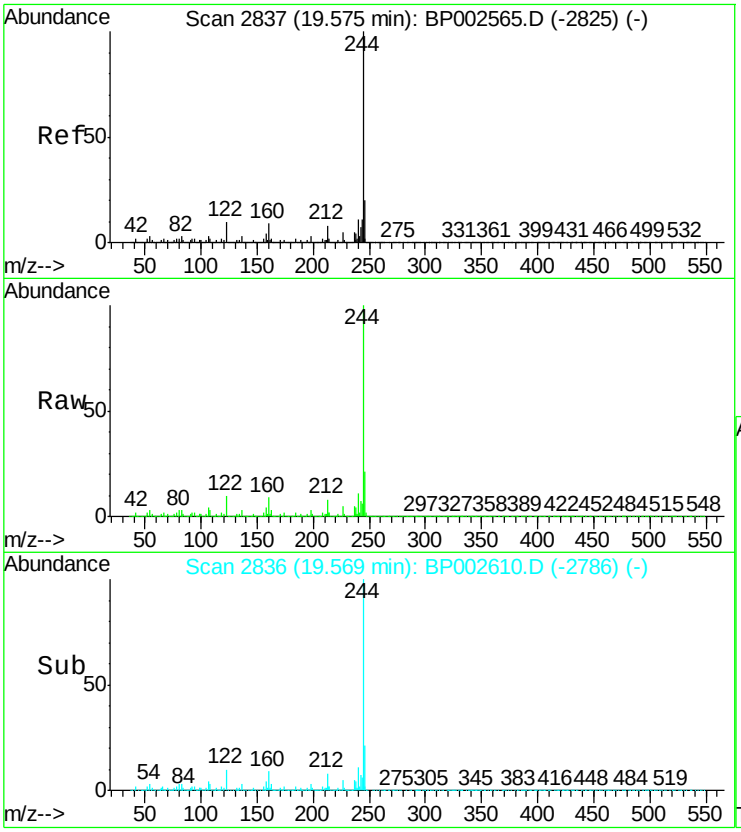




#77
Benzidine
Concen: 3.758 ng
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:184 Resp: 136

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 198.5 | 11.4 | 17.2# |
| 183 | 67.3 | 9.2 | 13.8# |



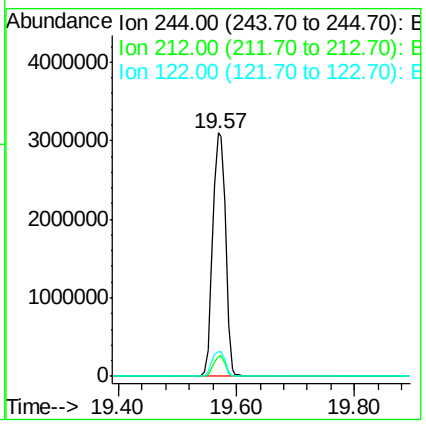


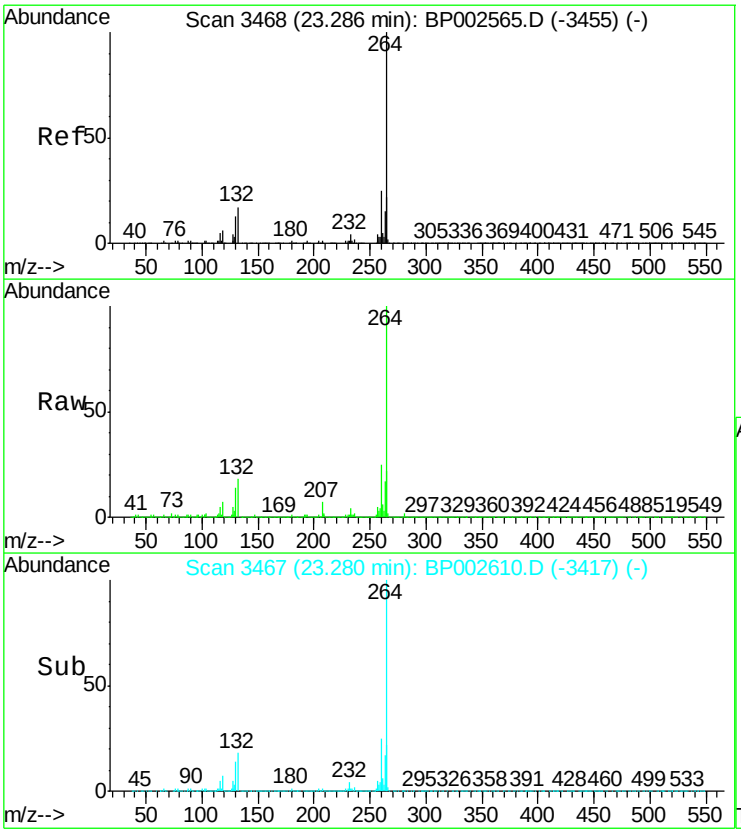

#79
Terphenyl-d14
Concen: 77.093 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

**Instrument :**
BNA_P
**ClientSampleId :**
CBH-POST-DEWATERING-BAG

Tgt Ion:244 Resp: 4707498

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.2 | 6.5 | 9.7 |
| 122 | 10.4 | 7.9 | 11.9 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002610.D
Acq: 01 Jul 2020 18:30

Tgt Ion:264 Resp: 1137946

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.3 | 19.7 | 29.5 |
| 265 | 22.1 | 17.6 | 26.4 |