Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003057.D
Acq On : 20 Aug 2020 10:08
Operator : CG/JU
Sample : PB130977BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** PB130977BL

Quant Time: Aug 20 11:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.68 | 152 | 311515 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.46 | 136 | 1204324 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.32 | 164 | 607449 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.07 | 188 | 1200959 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.16 | 240 | 1223172 | 20.00 | ng | | -0.01 |
| 86) Perylene-d12 | 23.41 | 264 | 1050285 | 20.00 | ng | | -0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.29 | 112 | 1947113 | 95.66 | ng | | 0.00 |
| 7) Phenol-d6 | 6.86 | 99 | 2213570 | 78.33 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.83 | 82 | 1289059 | 57.97 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.82 | 330 | 793541 | 105.11 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.94 | 172 | 3568238 | 80.26 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.65 | 244 | 4334074 | 70.94 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 26) 2-Nitrophenol | 9.58 | 139 | 53 | 4.525 | ng | # | 1 |
| 32) Benzoic acid | 10.04 | 122 | 217 | 7.702 | ng | | 95 |
| 48) 2-Nitroaniline | 13.40 | 65 | 95 | 3.981 | ng | # | 16 |
| 51) 2,6-Dinitrotoluene | 14.16 | 165 | 25 | 2.902 | ng | | 96 |
| 53) 3-Nitroaniline | 14.21 | 138 | 12 | 3.274 | ng | # | 40 |
| 54) 2,4-Dinitrophenol | 14.63 | 184 | 37 | 8.065 | ng | | 90 |
| 57) 2,4-Dinitrotoluene | 14.69 | 165 | 117 | 3.813 | ng | # | 66 |
| 62) 4-Nitroaniline | 15.37 | 138 | 37 | 2.419 | ng | # | 1 |
| 65) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 13 | 6.902 | ng | # | 1 |
| 80) Butylbenzylphthalate | 20.33 | 149 | 828 | 3.080 | ng | # | 26 |

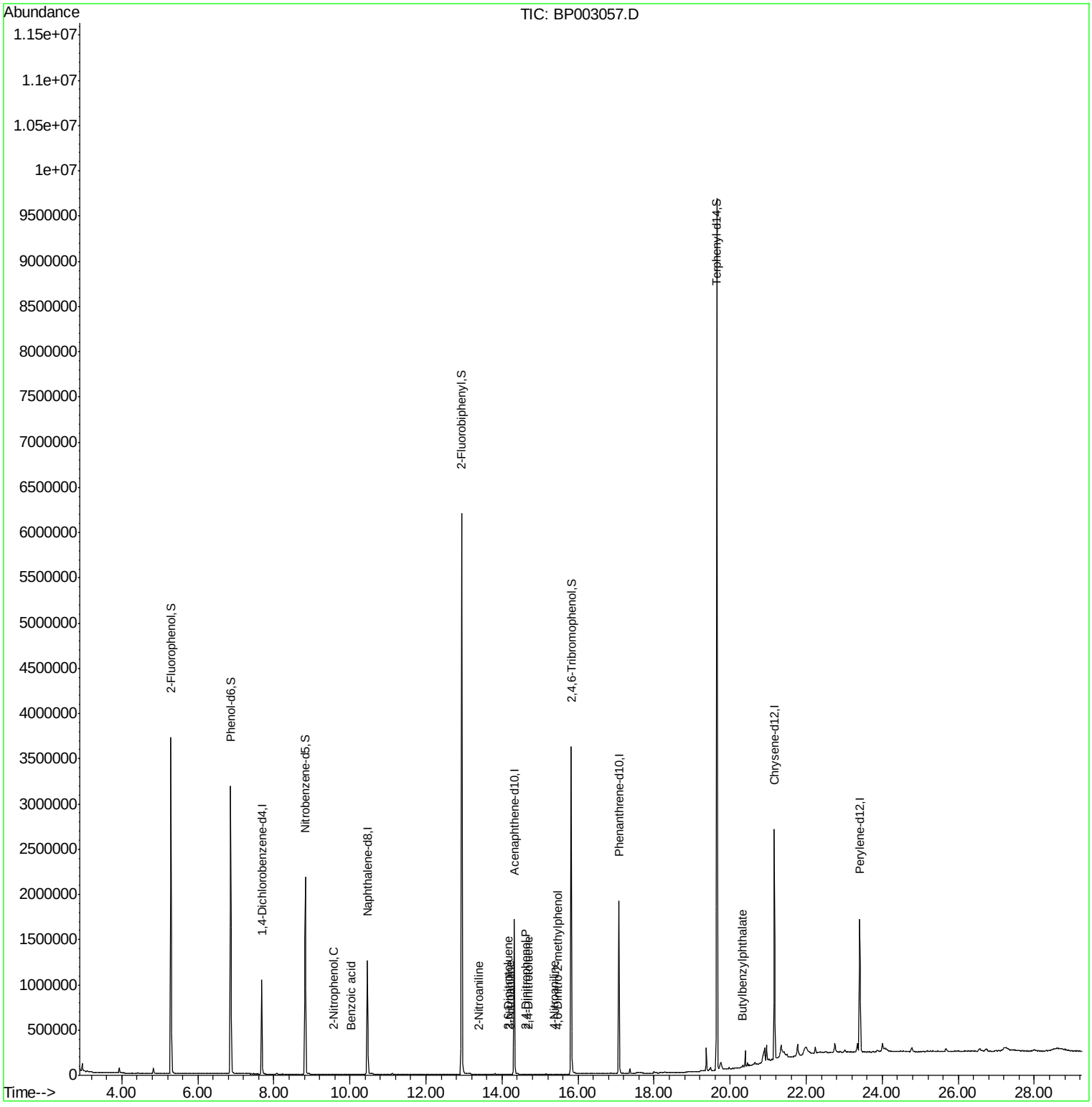
(#) = qualifier out of range (m) = manual integration (+) = signals summed

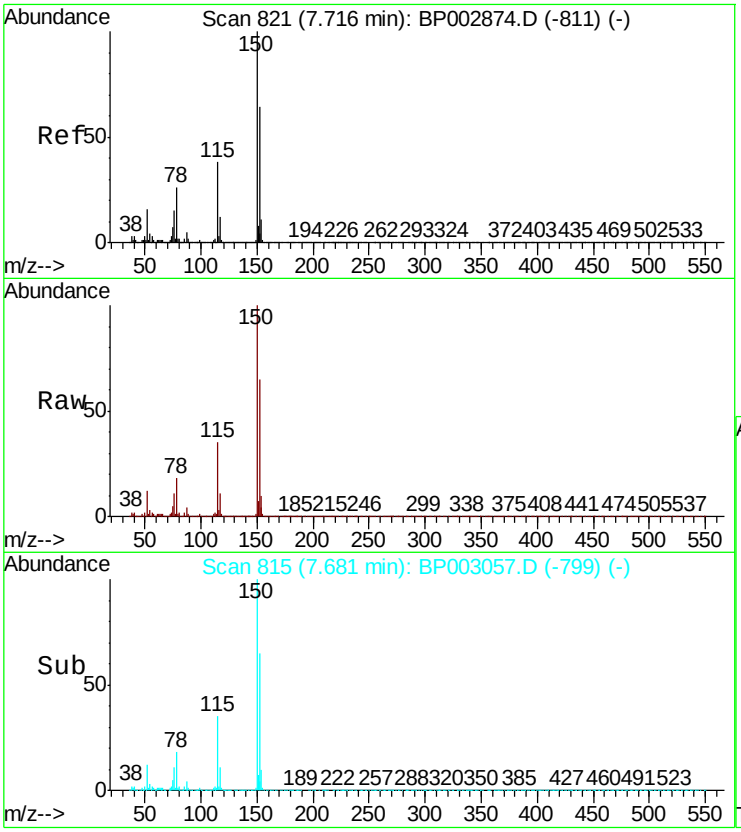
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082020\
Data File : BP003057.D
Acq On : 20 Aug 2020 10:08
Operator : CG/JU
Sample : PB130977BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Quant Time: Aug 20 11:59:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 17 14:07:35 2020
Response via : Initial Calibration



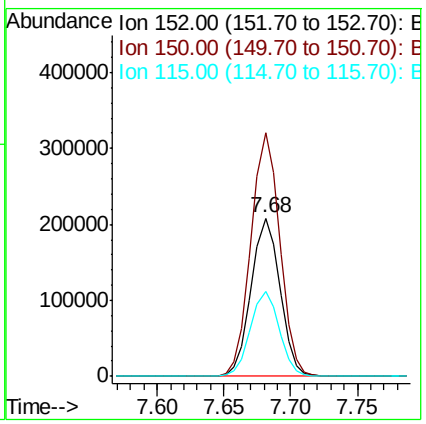


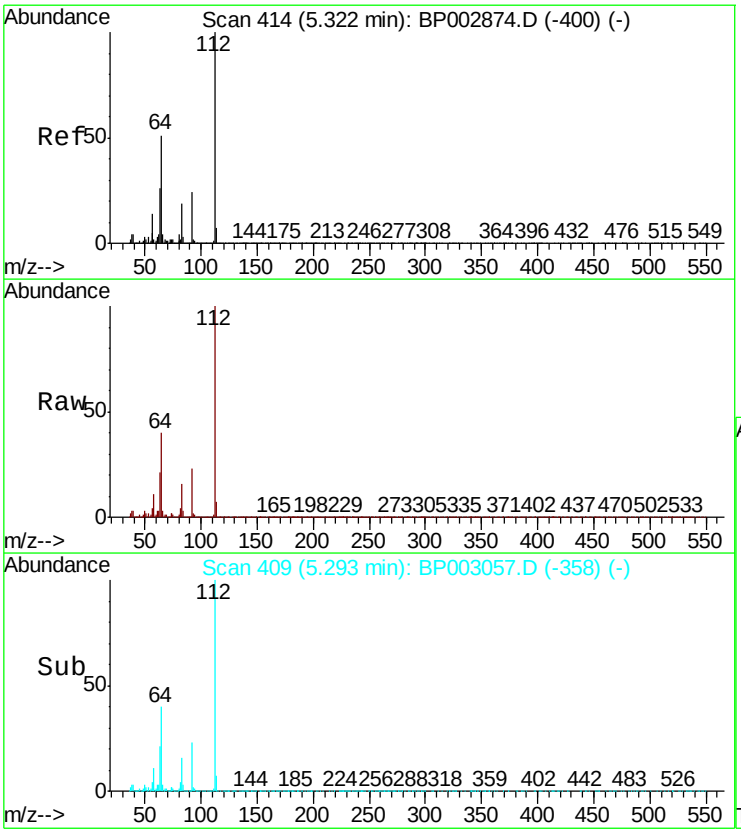

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 815
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion:152 Resp: 311515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.8 | 126.1 | 189.1 |
| 115 | 54.0 | 43.4 | 65.2 |

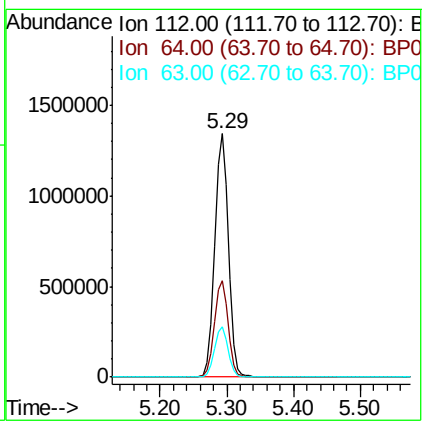


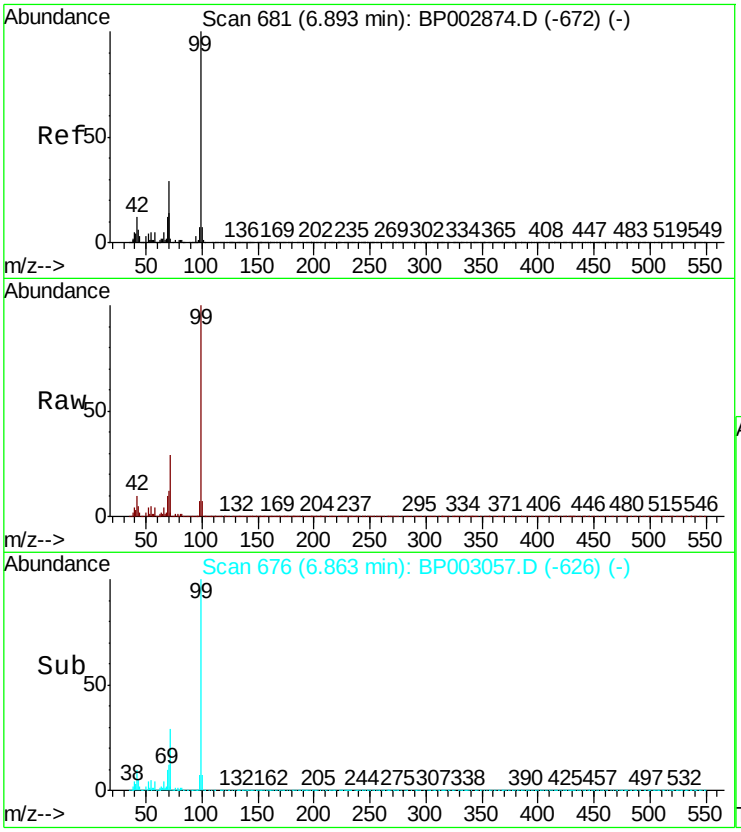




#5
2-Fluorophenol
Concen: 95.663 ng
RT: 5.29 min Scan# 409
Delta R.T. -0.00 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:112 Resp: 1947113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 39.6 | 33.4 | 50.2 |
| 63 | 20.8 | 17.4 | 26.0 |



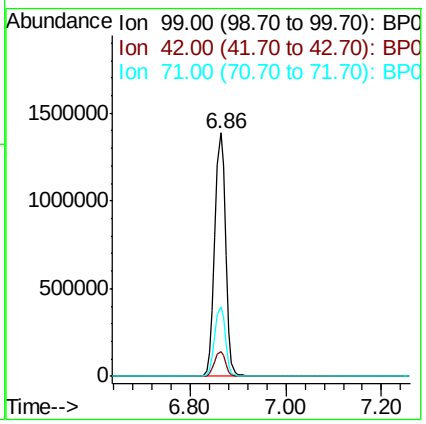


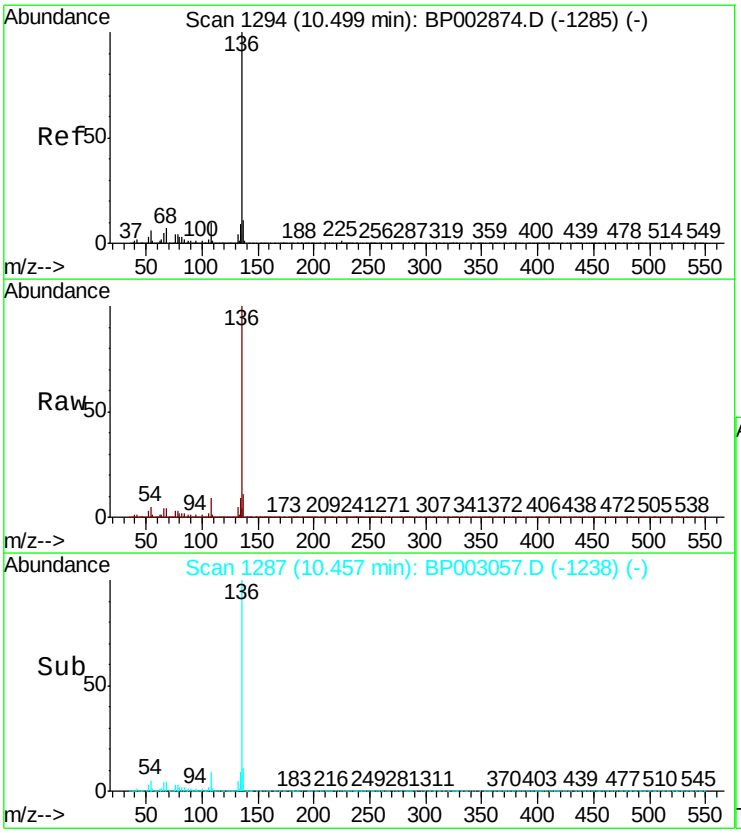

#7
Phenol-d6
Concen: 78.332 ng
RT: 6.86 min Scan# 676
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion: 99 Resp: 2213570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 10.2 | 8.0 | 12.0 |
| 71 | 28.6 | 21.3 | 31.9 |

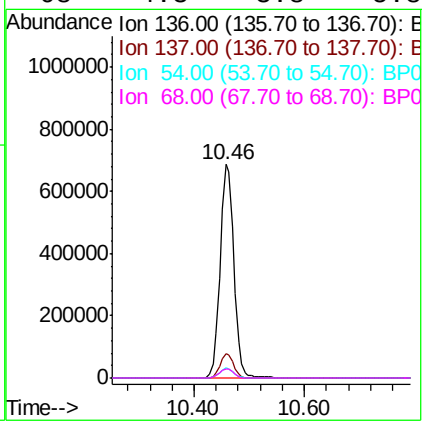


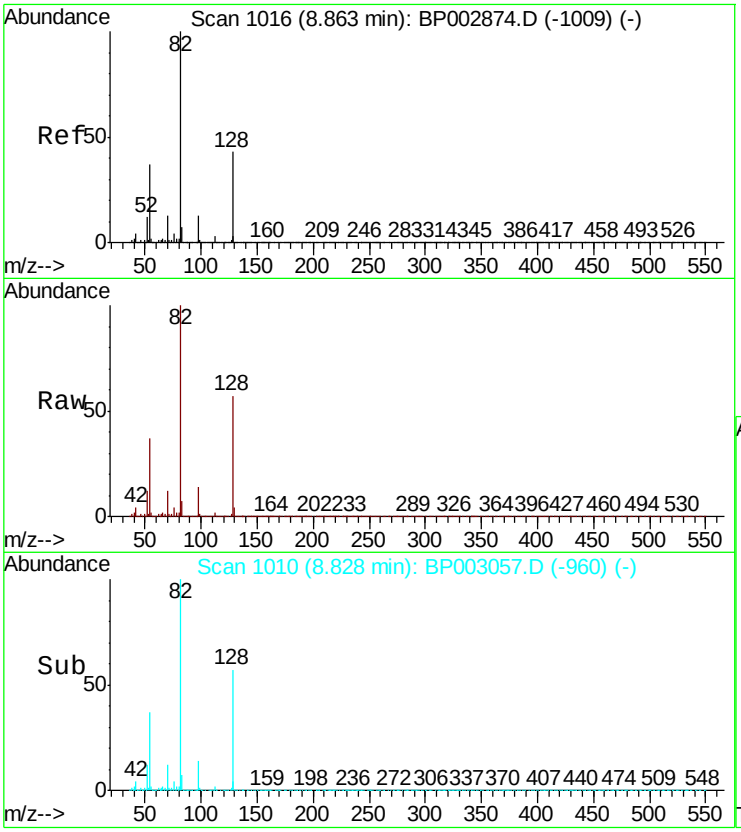




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:136 Resp: 1204324

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 4.6 | 3.8 | 5.8 |
| 68 | 4.3 | 3.8 | 5.8 |



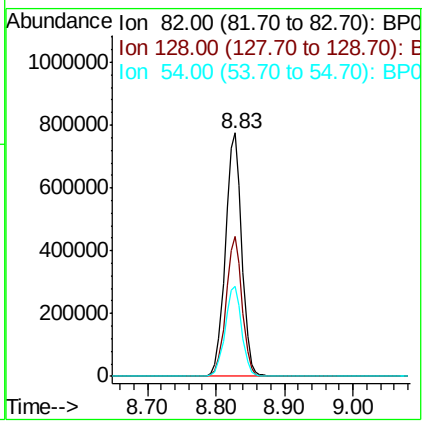


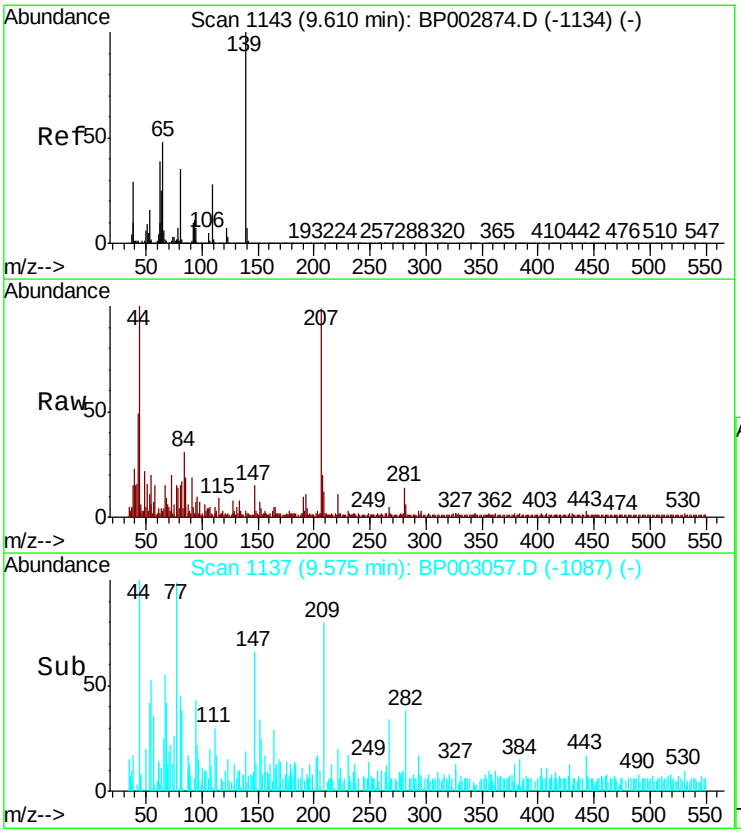

#23
Nitrobenzene-d5
Concen: 57.973 ng
RT: 8.83 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion: 82 Resp: 1289059

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 57.3 | 45.1 | 67.7 |
| 54 | 36.9 | 28.8 | 43.2 |

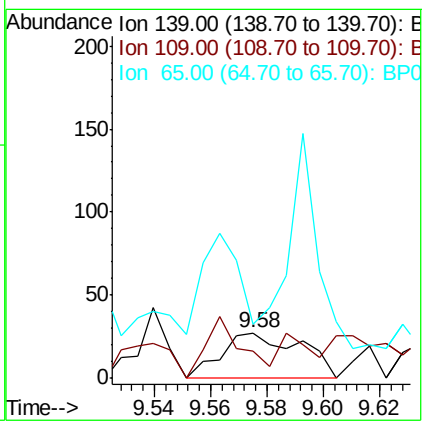


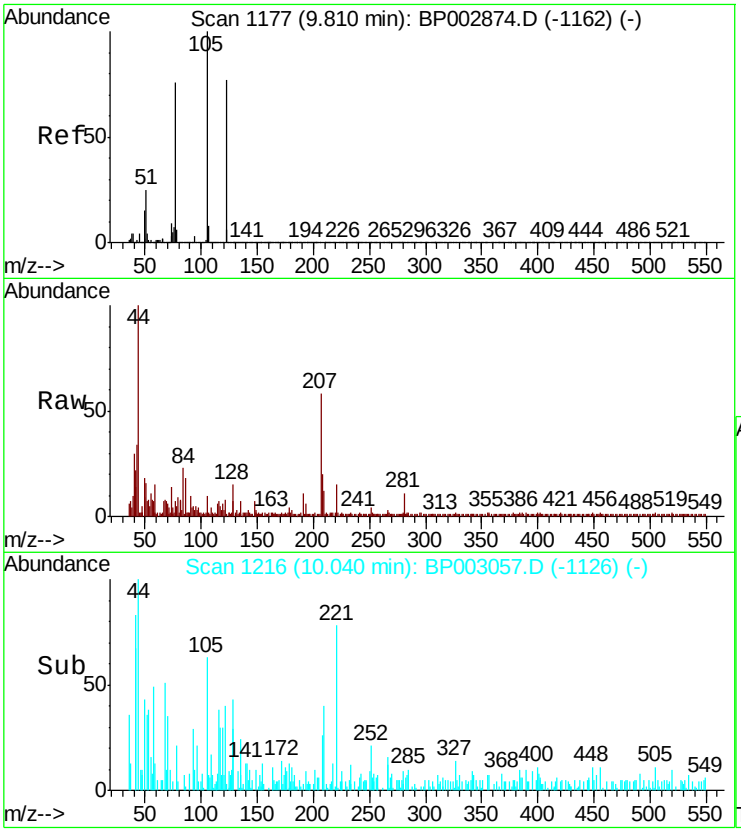




#26
2-Nitrophenol
Concen: 4.525 ng
RT: 9.58 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:139 Resp: 53

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 59.3 | 21.0 | 31.6# |
| 65 | 118.5 | 27.2 | 40.8# |



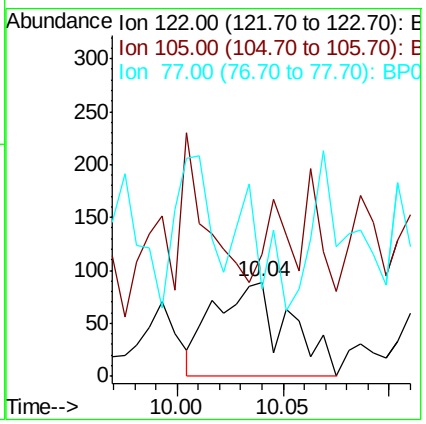


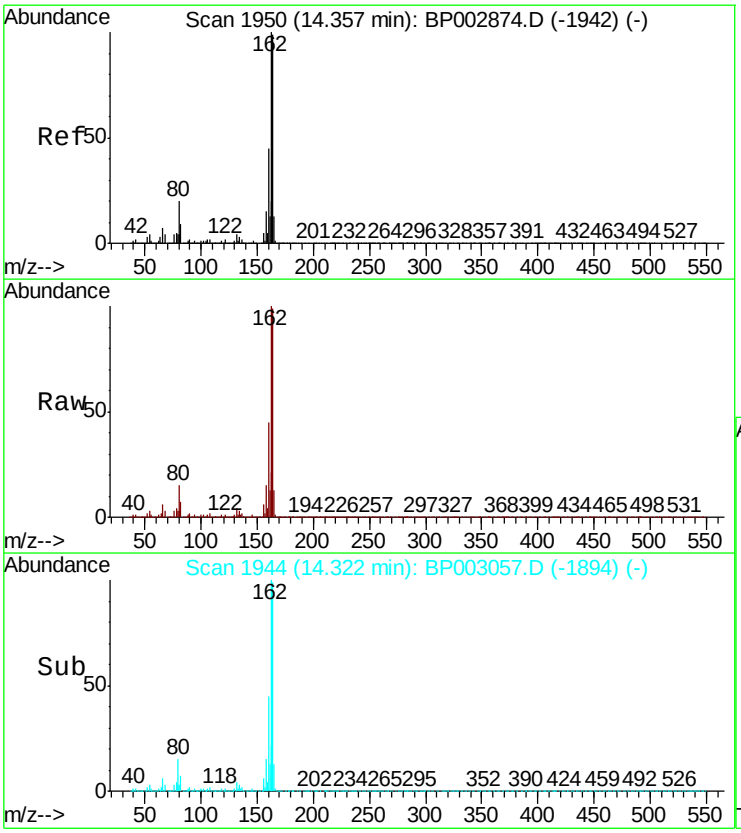

#32
Benzoic acid
Concen: 7.702 ng
RT: 10.04 min Scan# 1216
Delta R.T. 0.23 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion:122 Resp: 217

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 109.5 | 96.2 | 136.2 |
| 77 | 78.1 | 55.6 | 95.6 |

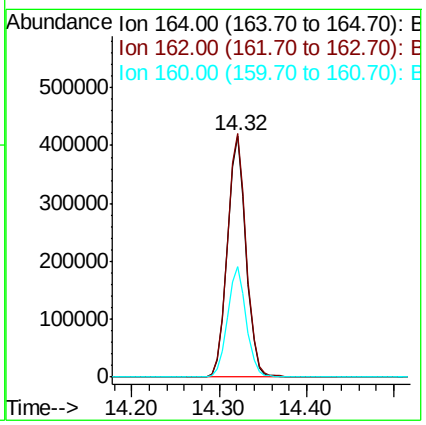


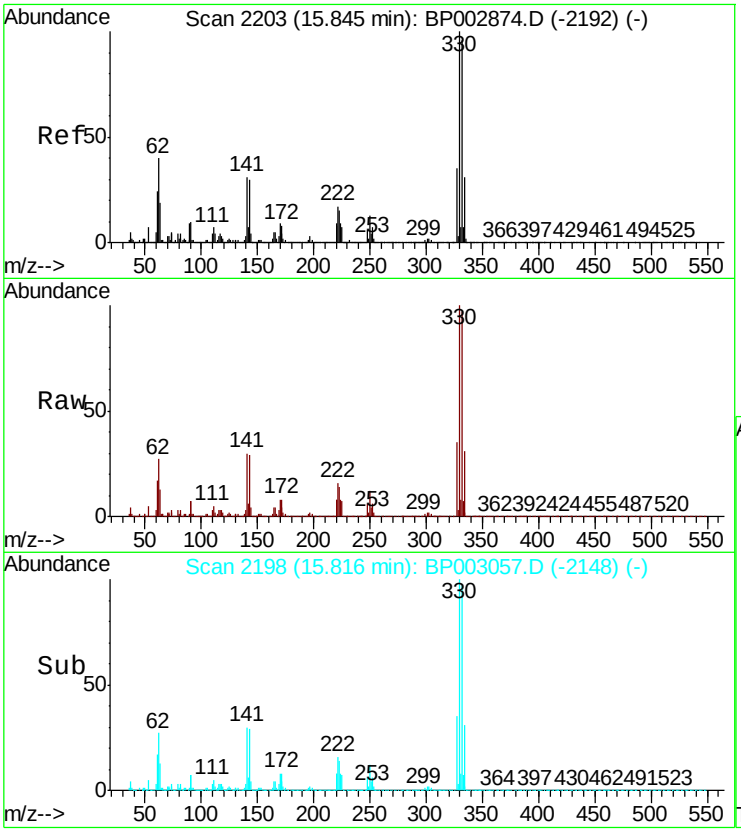




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:164 Resp: 607449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.7 | 81.4 | 122.0 |
| 160 | 45.8 | 35.5 | 53.3 |



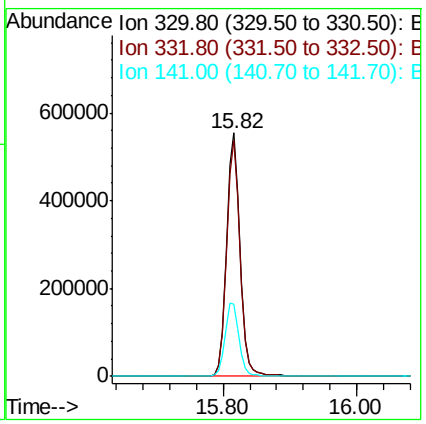


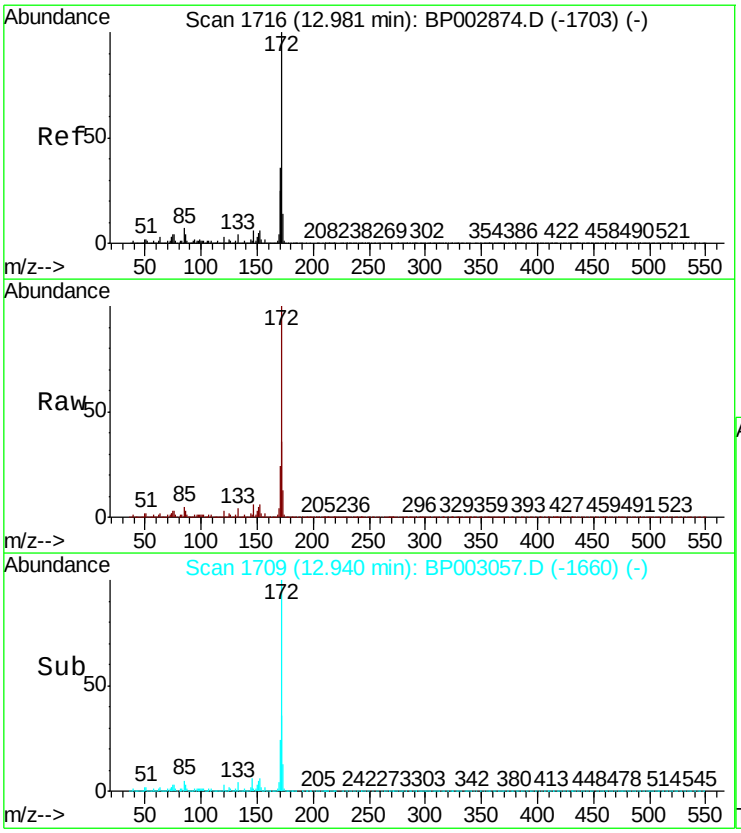

#42
2,4,6-Tribromophenol
Concen: 105.106 ng
RT: 15.82 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion:330 Resp: 793541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 77.0 | 115.6 |
| 141 | 31.5 | 26.7 | 40.1 |

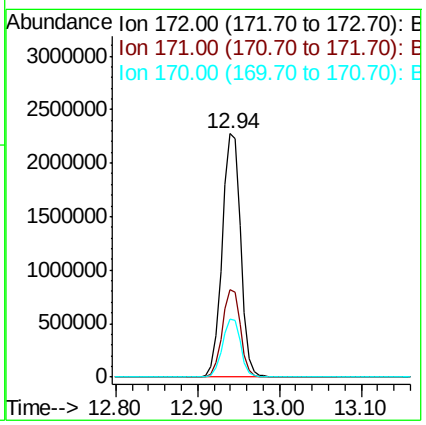


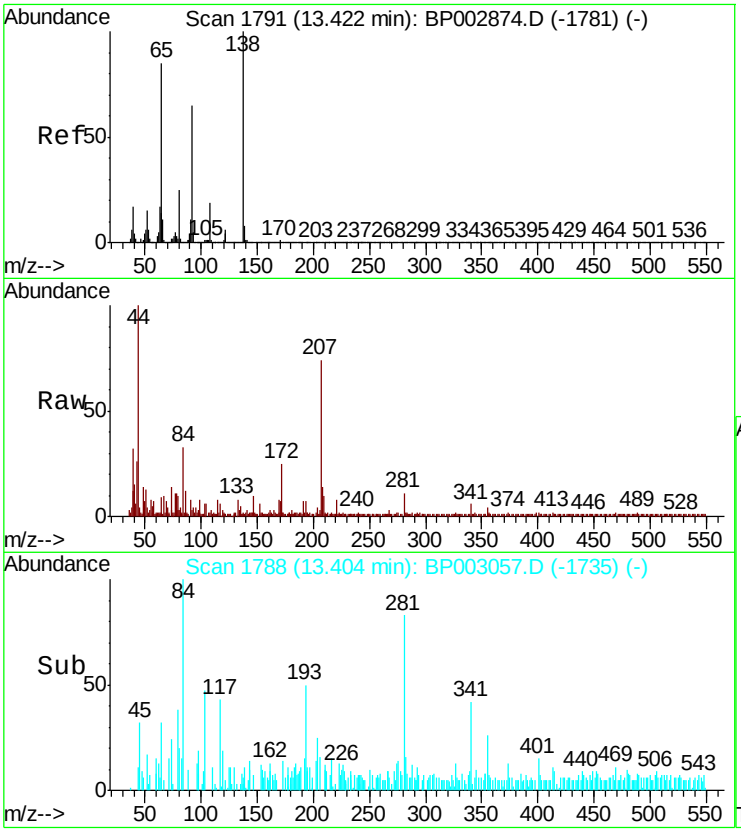




#45
2-Fluorobiphenyl
Concen: 80.258 ng
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:172 Resp: 3568238

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 29.0 | 43.4 |
| 170 | 23.7 | 19.1 | 28.7 |



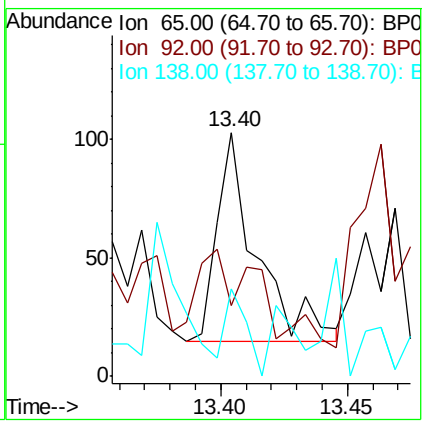


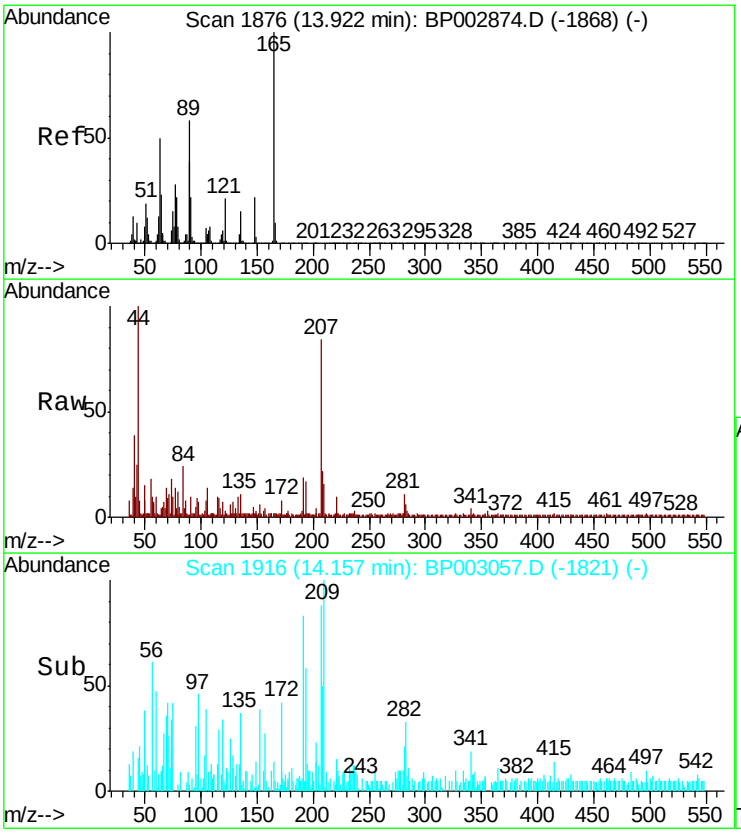

#48
2-Nitroaniline
Concen: 3.981 ng
RT: 13.40 min Scan# 1788
Delta R.T. 0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion: 65 Resp: 95

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 29.1 | 70.1 | 105.1# |
| 138 | 35.9 | 129.7 | 194.5# |

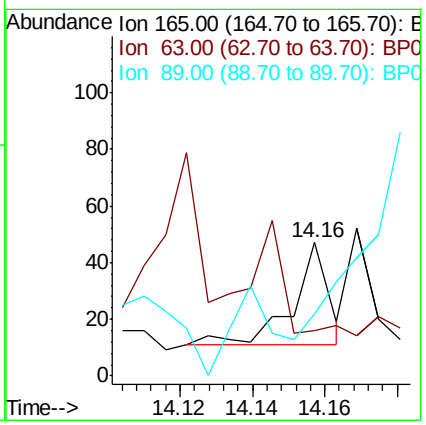


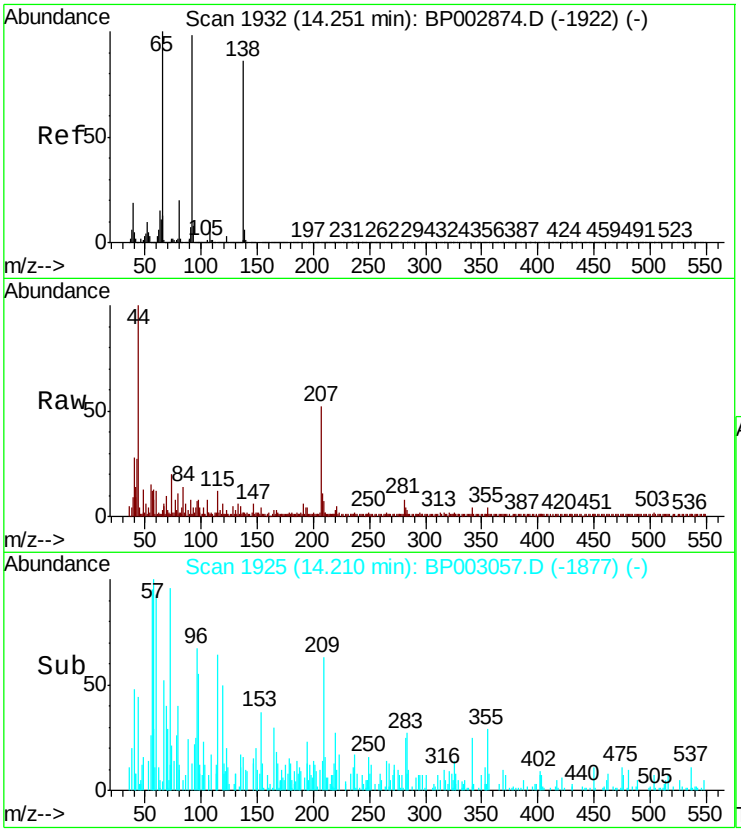




#51
2,6-Dinitrotoluene
Concen: 2.902 ng
RT: 14.16 min Scan# 1916
Delta R.T. 0.26 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:165 Resp: 25

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 34.0 | 28.1 | 42.1 |
| 89 | 46.8 | 34.5 | 51.7 |



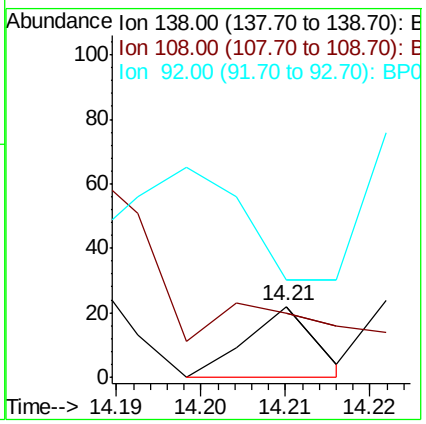


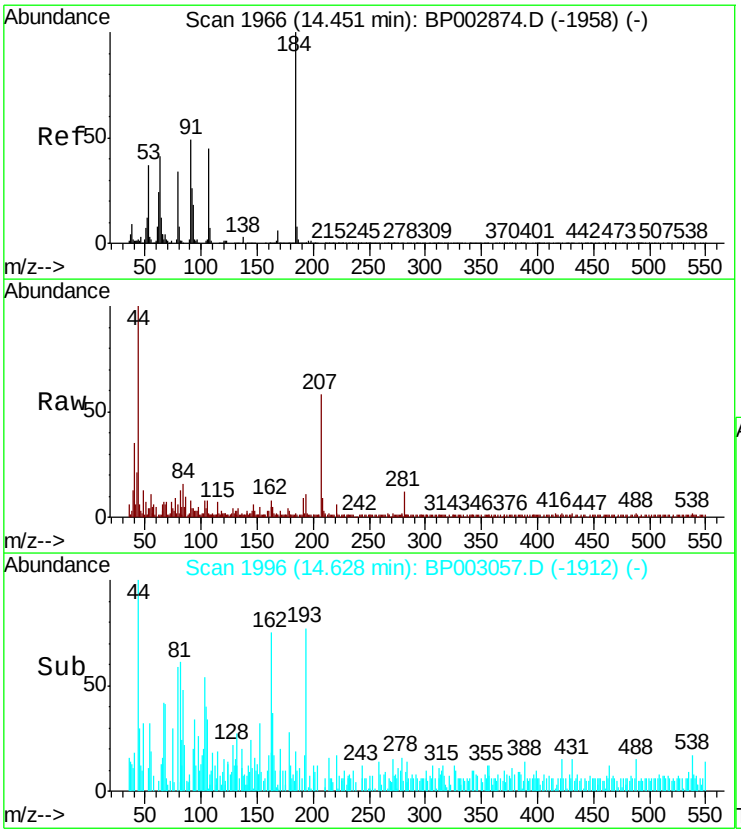

#53
3-Nitroaniline
Concen: 3.274 ng
RT: 14.21 min Scan# 1925
Delta R.T. -0.02 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion:138 Resp: 12

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 90.9 | 7.7 | 11.5# |
| 92 | 136.4 | 75.6 | 113.4# |

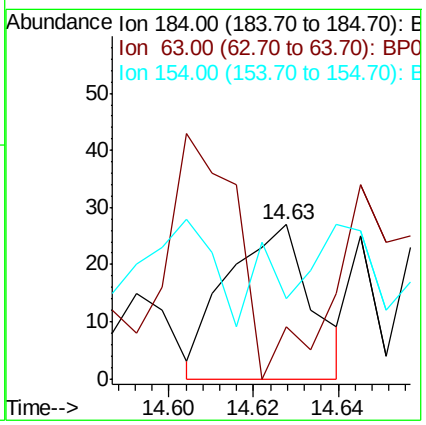


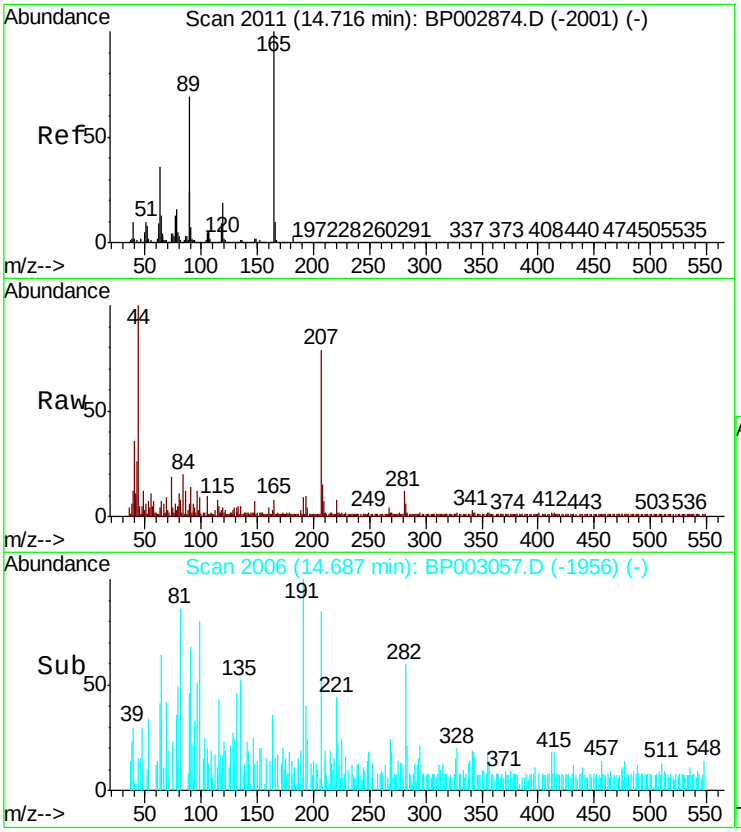




#54
2,4-Dinitrophenol
Concen: 8.065 ng
RT: 14.63 min Scan# 1996
Delta R.T. 0.19 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:184 Resp: 37

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 33.3 | 33.0 | 49.6 |
| 154 | 51.9 | 46.8 | 70.2 |



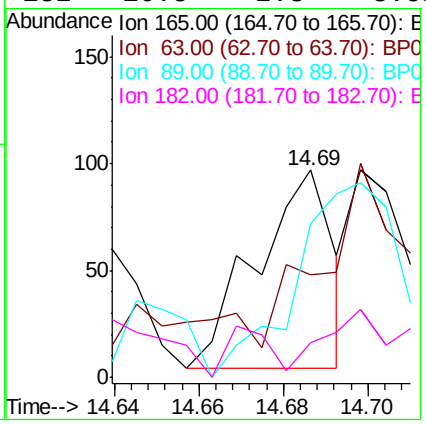


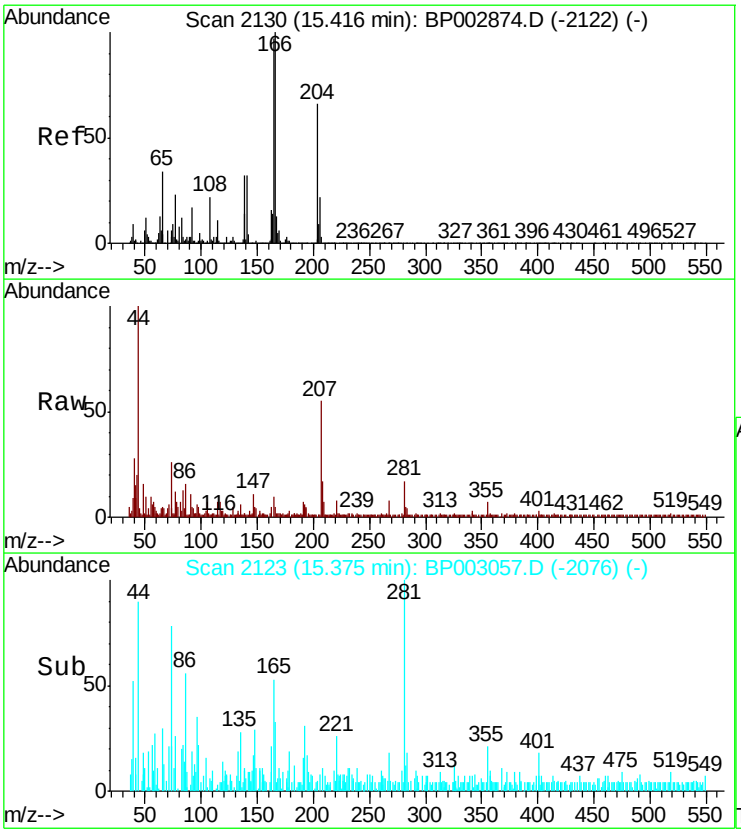

#57
2,4-Dinitrotoluene
Concen: 3.813 ng
RT: 14.69 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion:165 Resp: 117

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 49.5 | 20.6 | 31.0# |
| 89 | 74.2 | 43.4 | 65.0# |
| 182 | 16.5 | 2.3 | 3.5# |

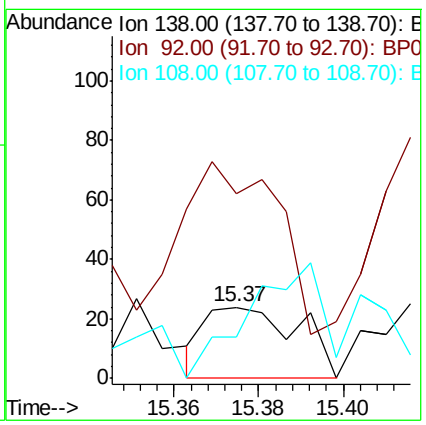


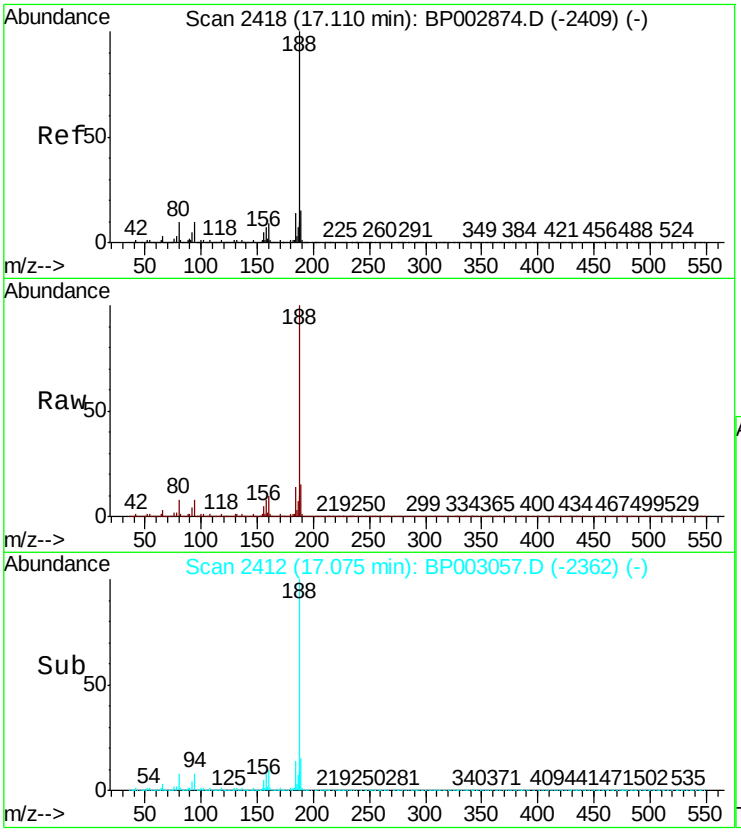




#62
4-Nitroaniline
Concen: 2.419 ng
RT: 15.37 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:138 Resp: 37

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 258.3 | 21.4 | 61.4# |
| 108 | 104.2 | 40.8 | 80.8# |



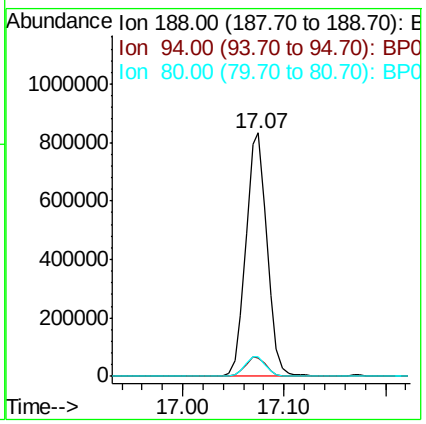


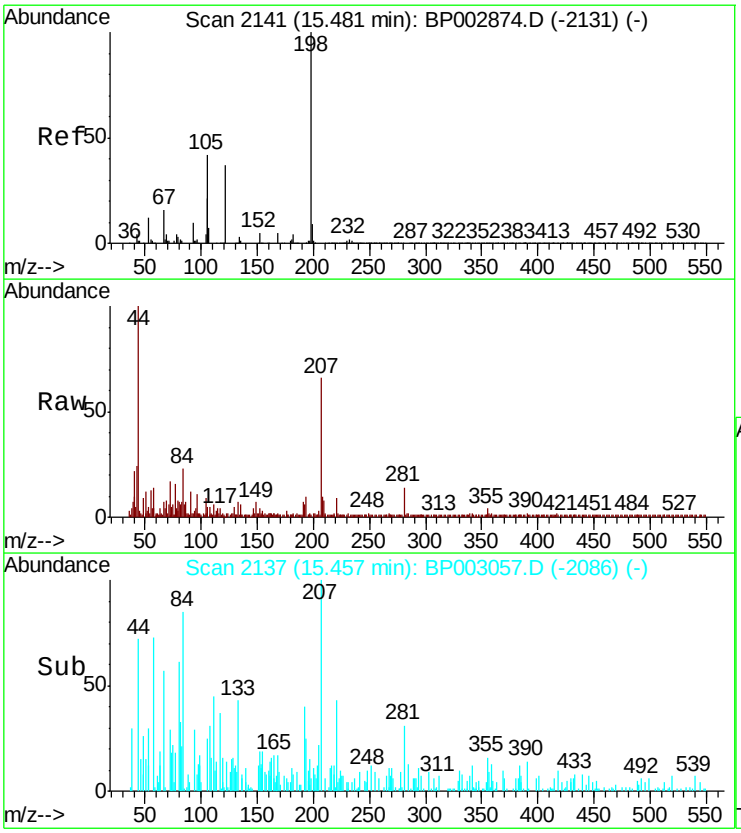

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion:188 Resp: 1200959

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.7 | 7.1 | 10.7 |
| 80 | 8.0 | 6.7 | 10.1 |

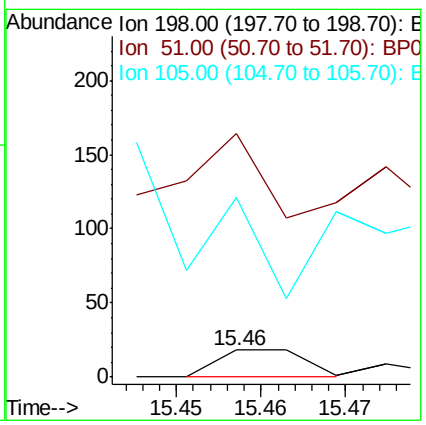


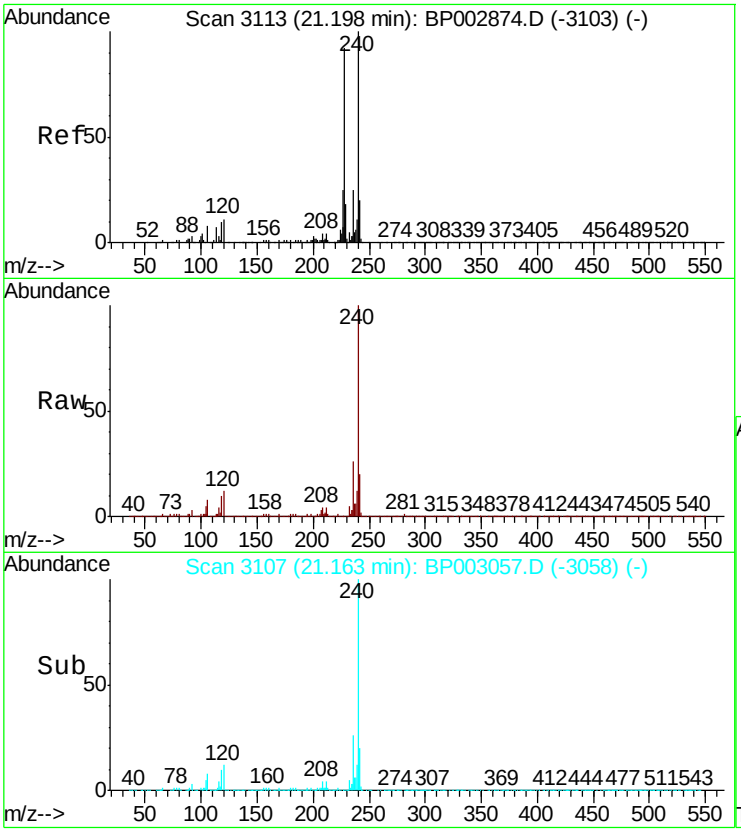




#65
4,6-Dinitro-2-methylphenol
Concen: 6.902 ng
RT: 15.46 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:198 Resp: 13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 911.1 | 6.2 | 46.2# |
| 105 | 672.2 | 19.9 | 59.9# |



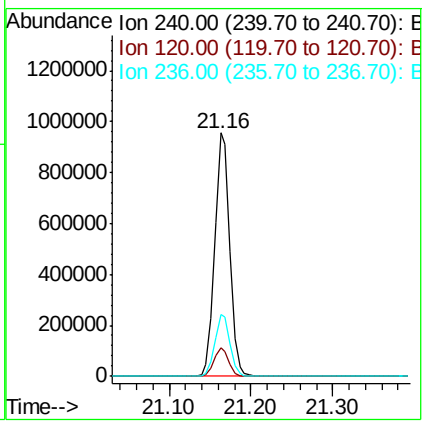


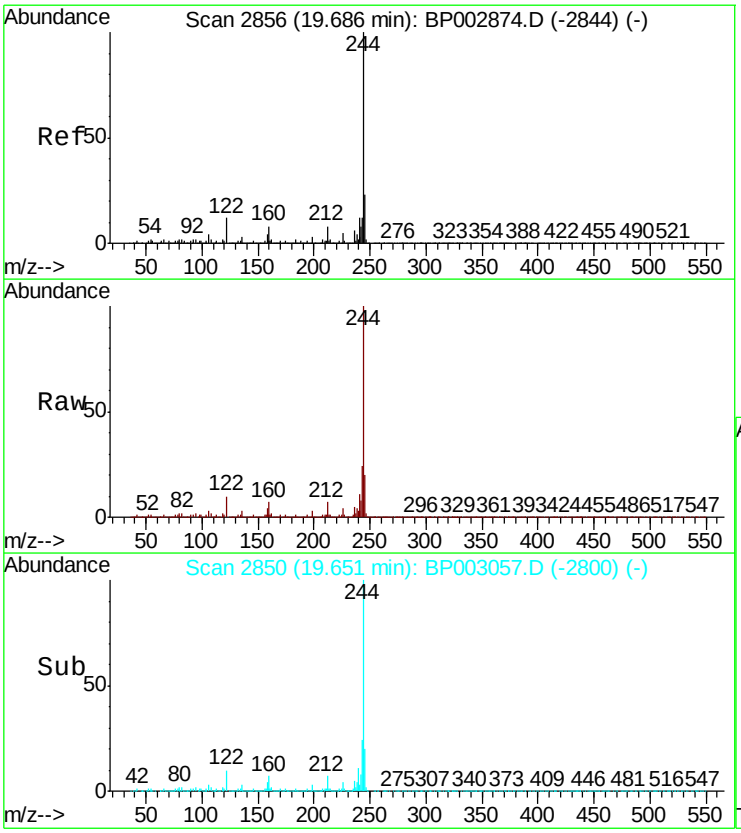

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion:240 Resp: 1223172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.7 | 9.5 | 14.3 |
| 236 | 25.6 | 20.8 | 31.2 |

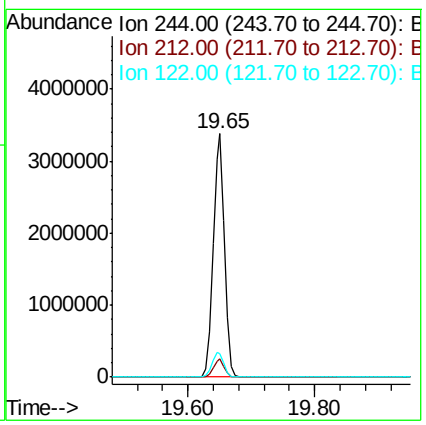


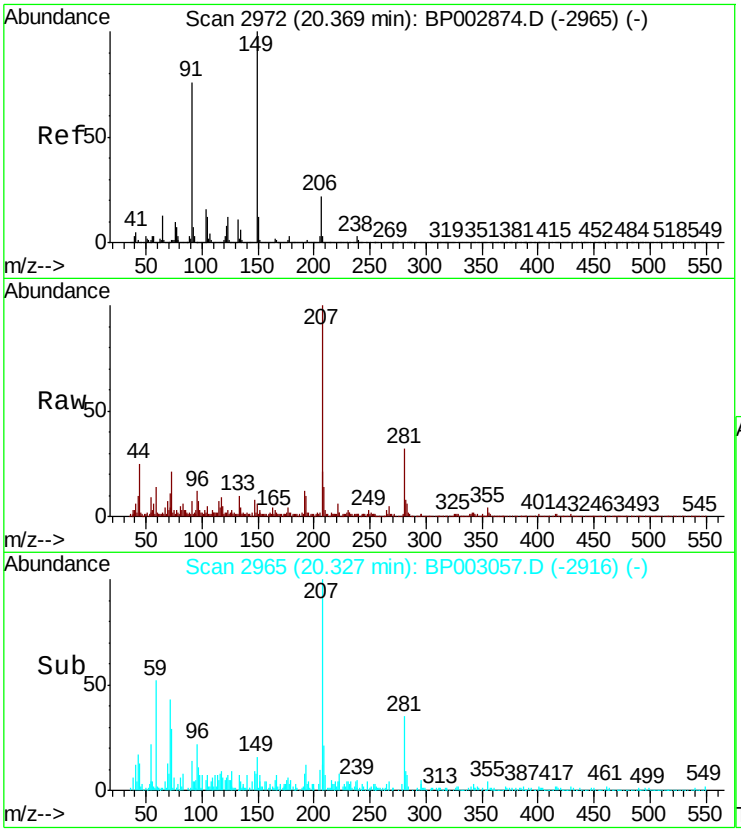




#79
Terphenyl-d14
Concen: 70.935 ng
RT: 19.65 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:244 Resp: 4334074

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.3 | 9.5 |
| 122 | 9.7 | 8.7 | 13.1 |



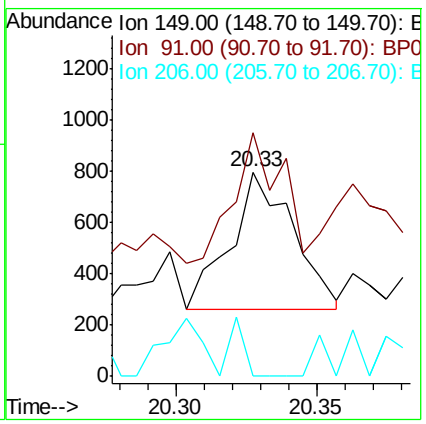


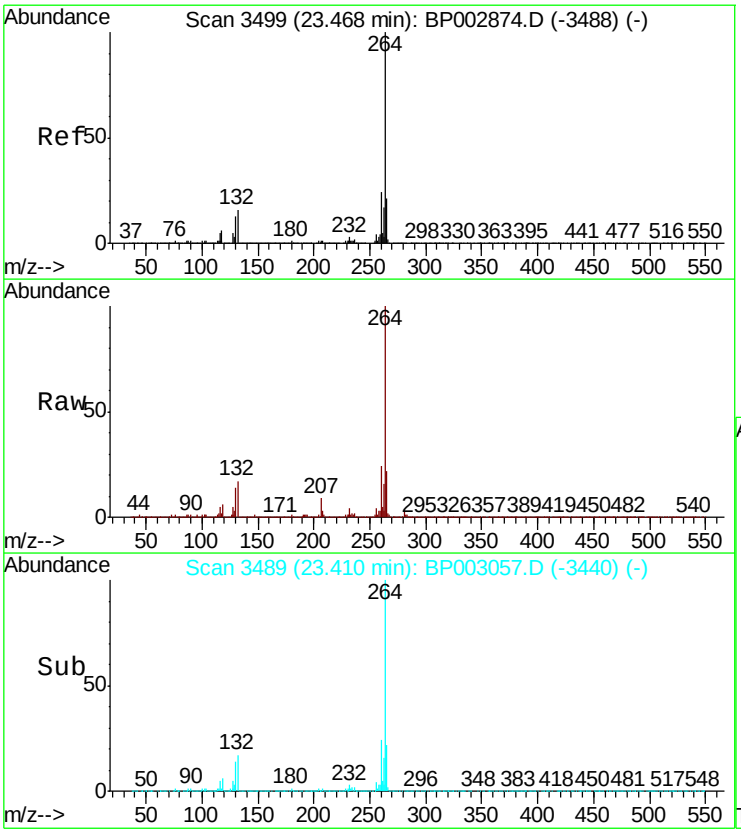

#80
Butylbenzylphthalate
Concen: 3.080 ng
RT: 20.33 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

**Instrument :**
BNA_P
**ClientSampleId :**
PB130977BL

Tgt Ion:149 Resp: 828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 119.1 | 45.3 | 67.9# |
| 206 | 0.0 | 17.5 | 26.3# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BP003057.D
Acq: 20 Aug 2020 10:08

Tgt Ion:264 Resp: 1050285

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.2 | 28.8 |
| 265 | 22.0 | 17.3 | 25.9 |