Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002337.D
Acq On : 01 Jun 2020 14:02
Operator : CG/JU
Sample : L2773-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 01 14:46:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 407509 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.38 | 136 | 1670267 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.25 | 164 | 988350 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.01 | 188 | 2053252 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.12 | 240 | 1821924 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.33 | 264 | 1904914 | 20.00 | ng | | 0.01 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.23 | 112 | 2334785 | 107.61 | ng | | 0.00 |
| 7) Phenol-d6 | 6.80 | 99 | 3203591 | 108.54 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 8.75 | 82 | 2190808 | 78.86 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.75 | 330 | 1076885 | 114.96 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.87 | 172 | 4290615 | 76.60 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.60 | 244 | 5237471 | 69.62 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 32) Benzoic acid | 9.65 | 122 | 1948 | 4.916 | ng | | 92 |
| 50) Dimethylphthalate | 13.72 | 163 | 462871 | 6.919 | ng | | 100 |
| 71) Phenanthrene | 17.05 | 178 | 458213 | 4.711 | ng | | 99 |
| 75) Fluoranthene | 19.03 | 202 | 919417 | 8.208 | ng | | 99 |
| 78) Pyrene | 19.39 | 202 | 868406 | 7.654 | ng | | 99 |
| 80) Butylbenzylphthalate | 20.28 | 149 | 211363 | 4.679 | ng | | 92 |
| 81) Benzo(a)anthracene | 21.10 | 228 | 439826 | 4.217 | ng | | 95 |
| 83) Chrysene | 21.15 | 228 | 398486 | 3.981 | ng | | 98 |
| 87) Indeno(1,2,3-cd)pyrene | 25.54 | 276 | 281653 | 2.389 | ng | | 97 |
| 88) Benzo(b)fluoranthene | 22.66 | 252 | 569795 | 5.486 | ng | # | 96 |
| 89) Benzo(k)fluoranthene | 22.66 | 252 | 569795 | 5.717 | ng | # | 95 |
| 90) Benzo(a)pyrene | 23.23 | 252 | 416057 | 4.319 | ng | # | 97 |
| 92) Benzo(g,h,i)perylene | 26.22 | 276 | 294652 | 3.005 | ng | # | 94 |

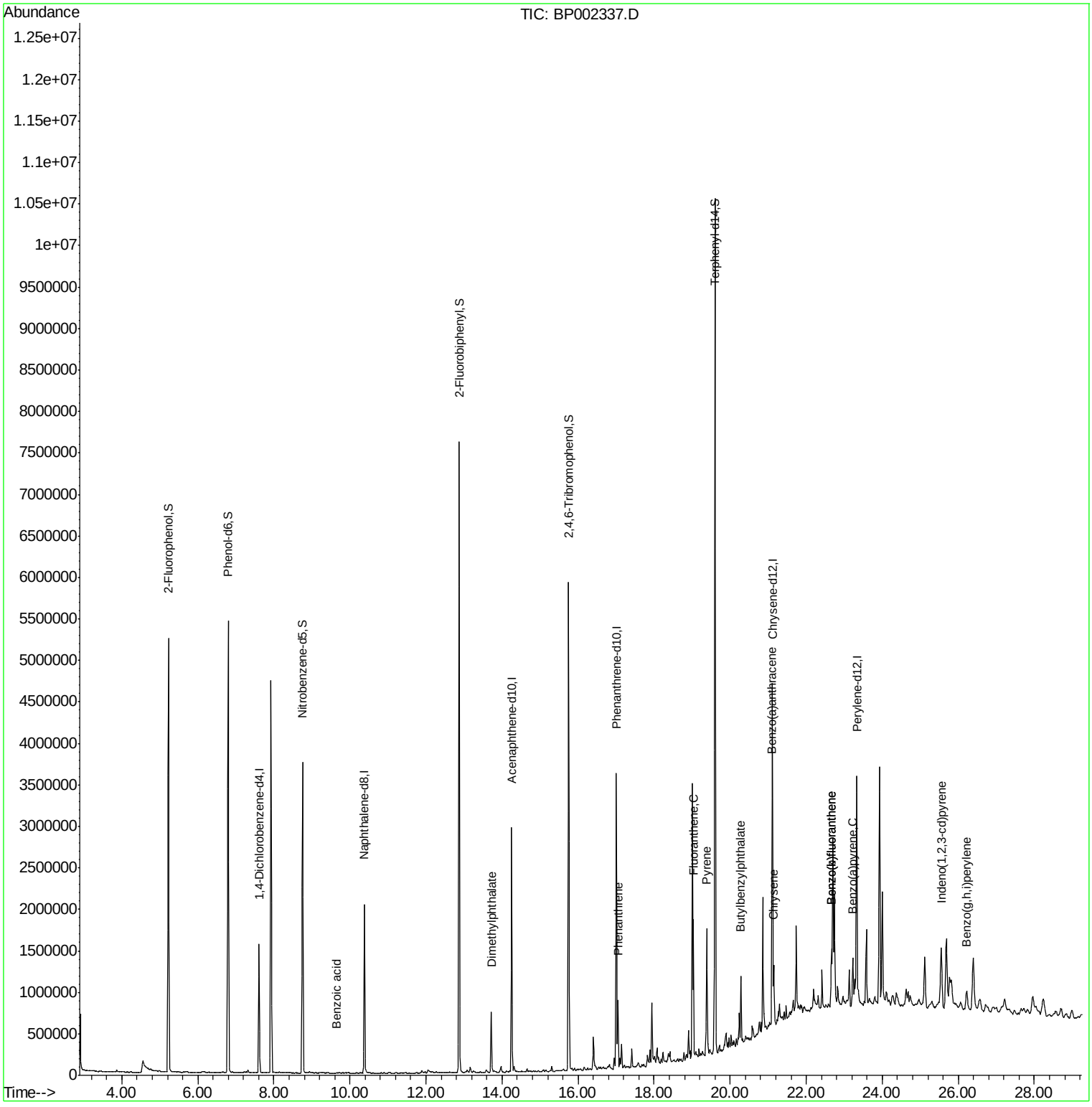
(#) = qualifier out of range (m) = manual integration (+) = signals summed

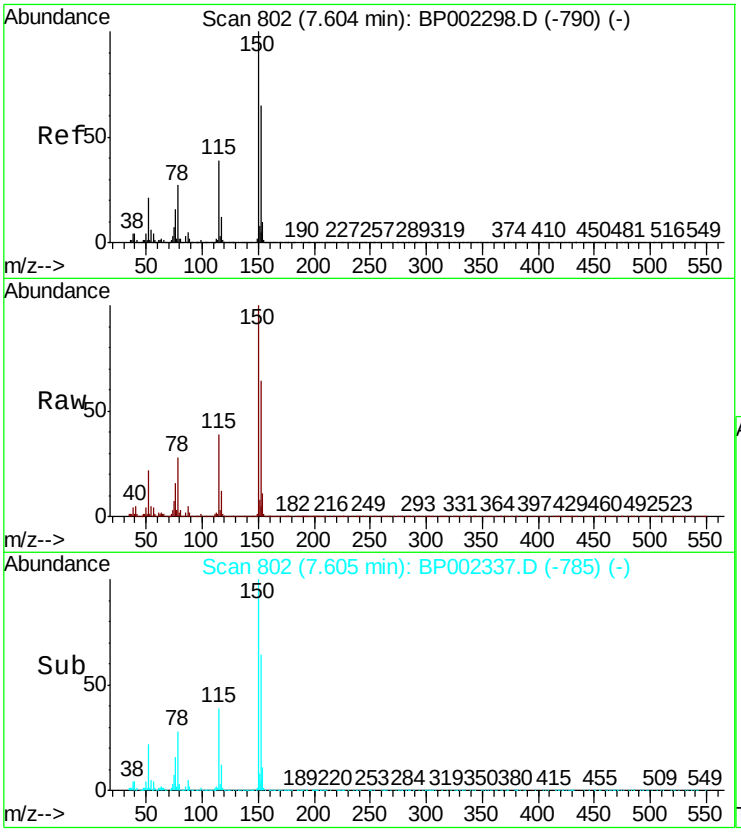
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP060120\
Data File : BP002337.D
Acq On : 01 Jun 2020 14:02
Operator : CG/JU
Sample : L2773-17
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Jun 01 14:46:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP052720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 15:09:03 2020
Response via : Initial Calibration



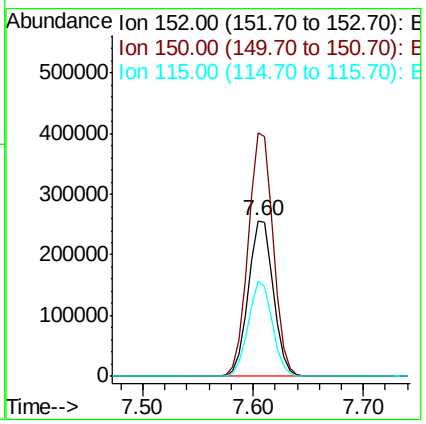


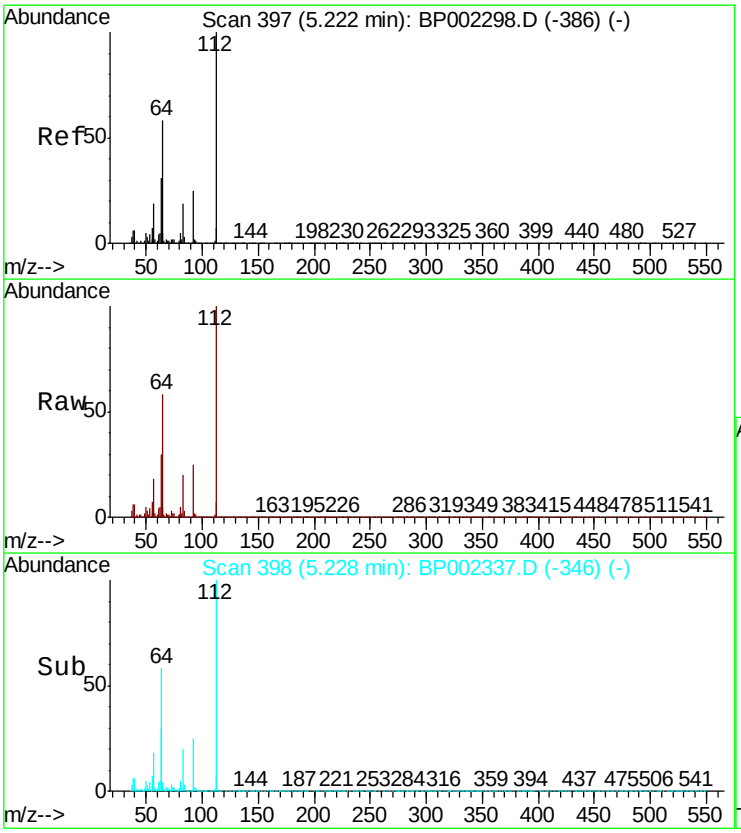

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 802
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:152 Resp: 407509

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.3 | 124.7 | 187.1 |
| 115 | 61.1 | 49.4 | 74.2 |

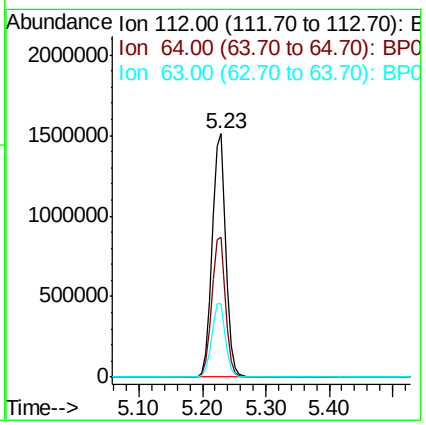


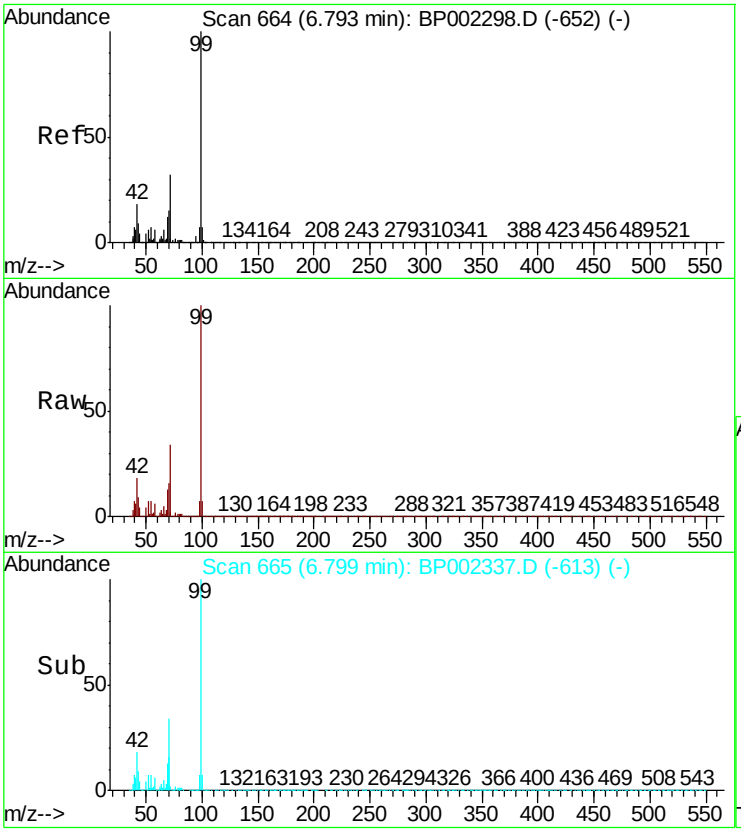




#5
2-Fluorophenol
Concen: 107.606 ng
RT: 5.23 min Scan# 398
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:112 Resp: 2334785

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.7 | 47.0 | 70.4 |
| 63 | 30.4 | 24.0 | 36.0 |



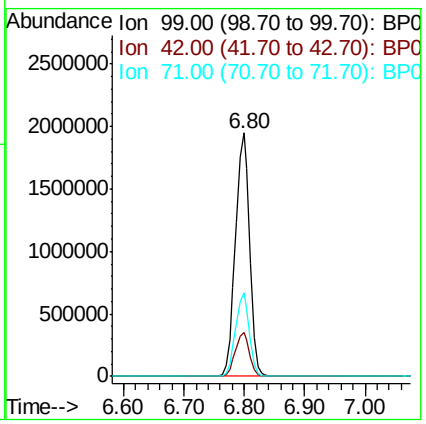


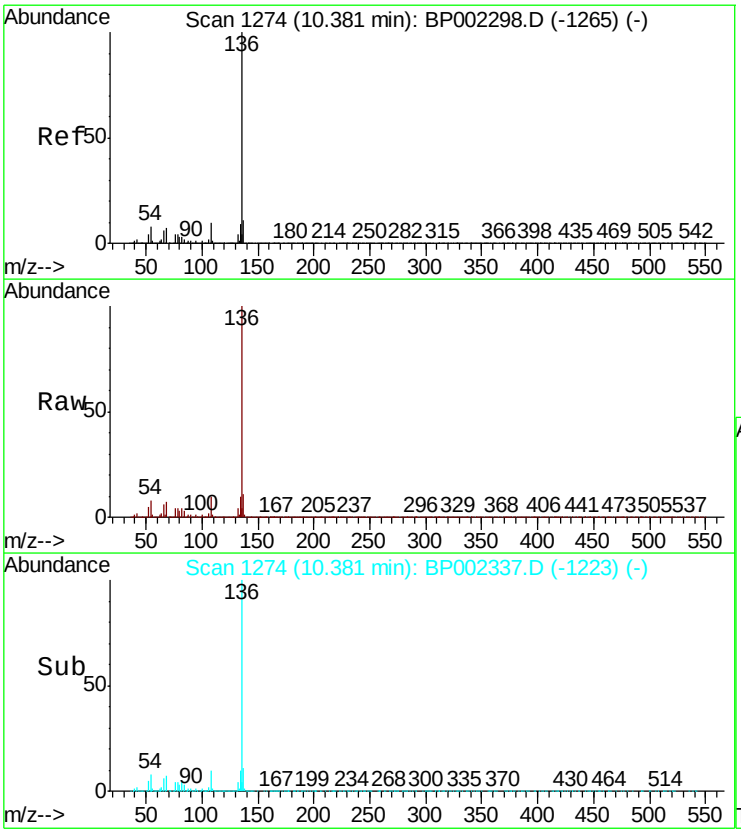

#7
Phenol-d6
Concen: 108.538 ng
RT: 6.80 min Scan# 665
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion: 99 Resp: 3203591

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.2 | 13.9 | 20.9 |
| 71 | 34.1 | 25.8 | 38.8 |

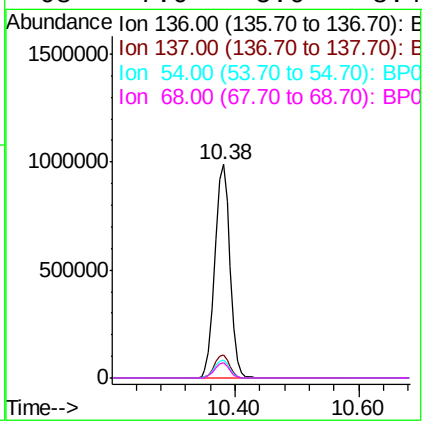


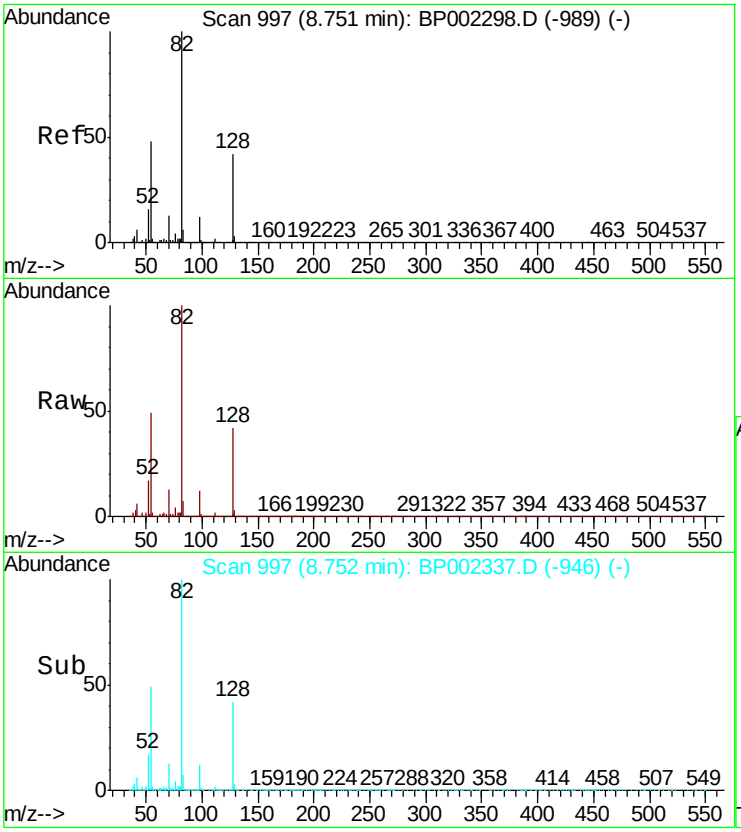




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.38 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:136 Resp: 1670267

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.8 | 13.2 |
| 54 | 8.3 | 6.9 | 10.3 |
| 68 | 7.0 | 5.6 | 8.4 |



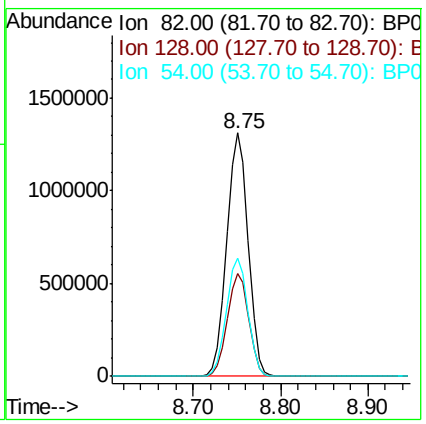


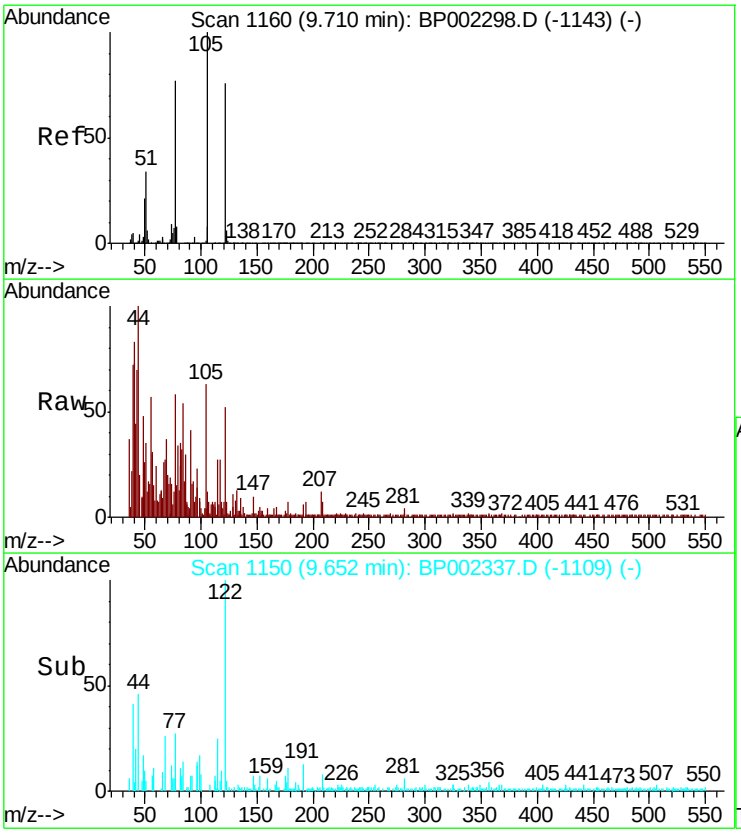

#23
Nitrobenzene-d5
Concen: 78.860 ng
RT: 8.75 min Scan# 997
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion: 82 Resp: 2190808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.1 | 33.4 | 50.0 |
| 54 | 48.7 | 38.3 | 57.5 |

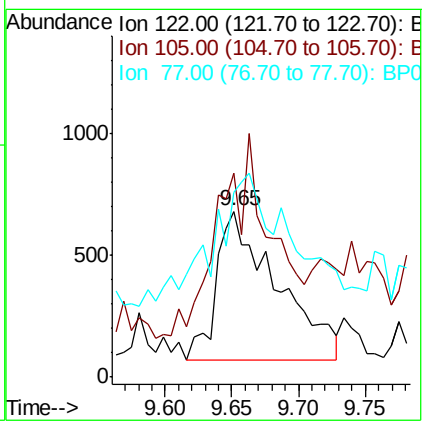


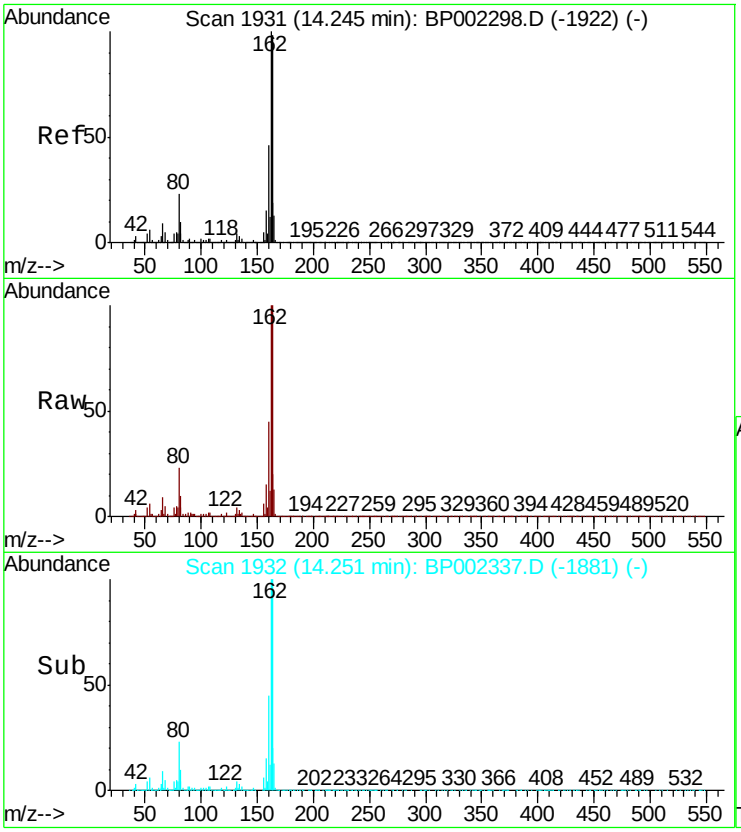




#32
Benzoic acid
Concen: 4.916 ng
RT: 9.65 min Scan# 1150
Delta R.T. -0.06 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:122 Resp: 1948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 122.4 | 102.7 | 142.7 |
| 77 | 111.3 | 74.8 | 114.8 |



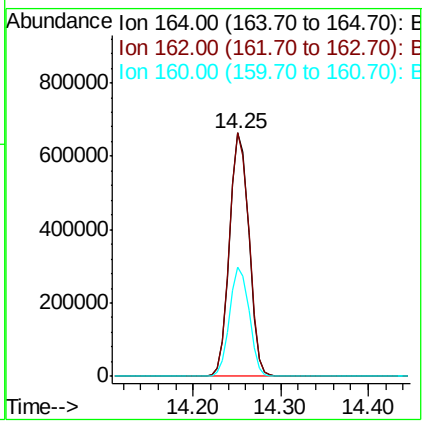


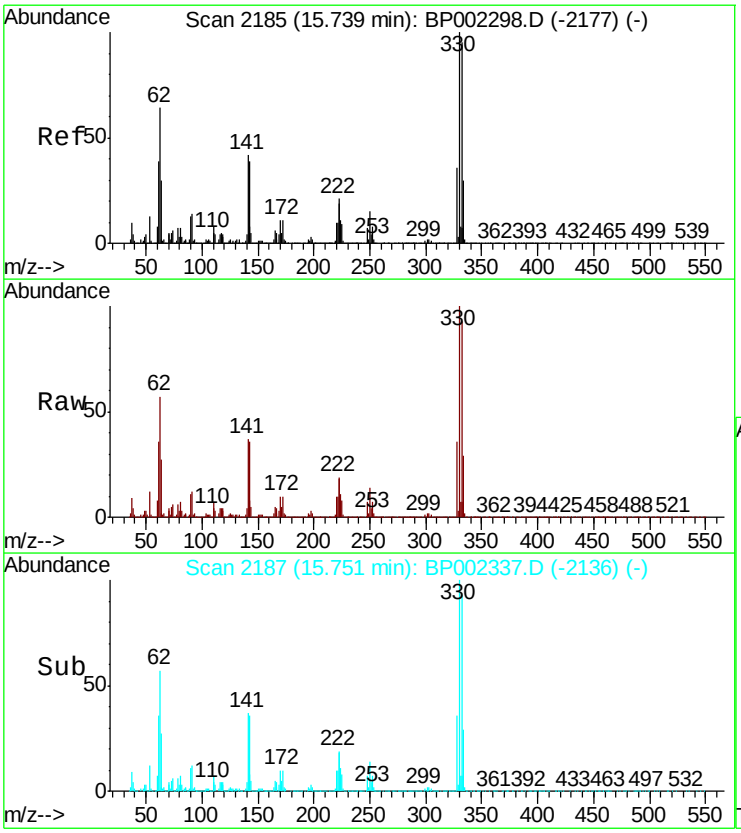

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.25 min Scan# 1932
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:164 Resp: 988350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.0 | 81.3 | 121.9 |
| 160 | 44.8 | 37.2 | 55.8 |

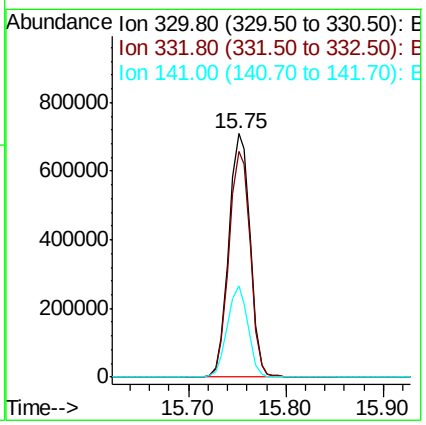


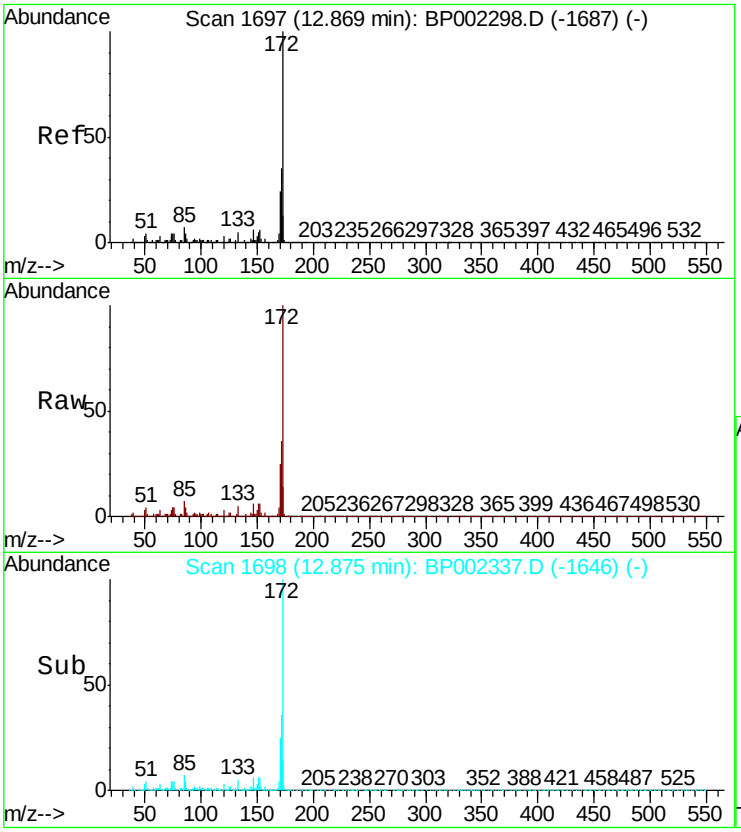




#42
2,4,6-Tribromophenol
Concen: 114.964 ng
RT: 15.75 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:330 Resp: 1076885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.2 | 76.9 | 115.3 |
| 141 | 36.2 | 31.4 | 47.2 |



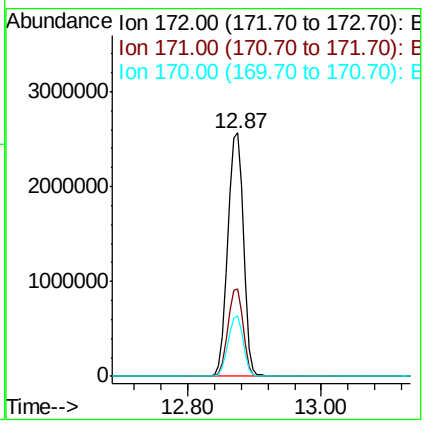


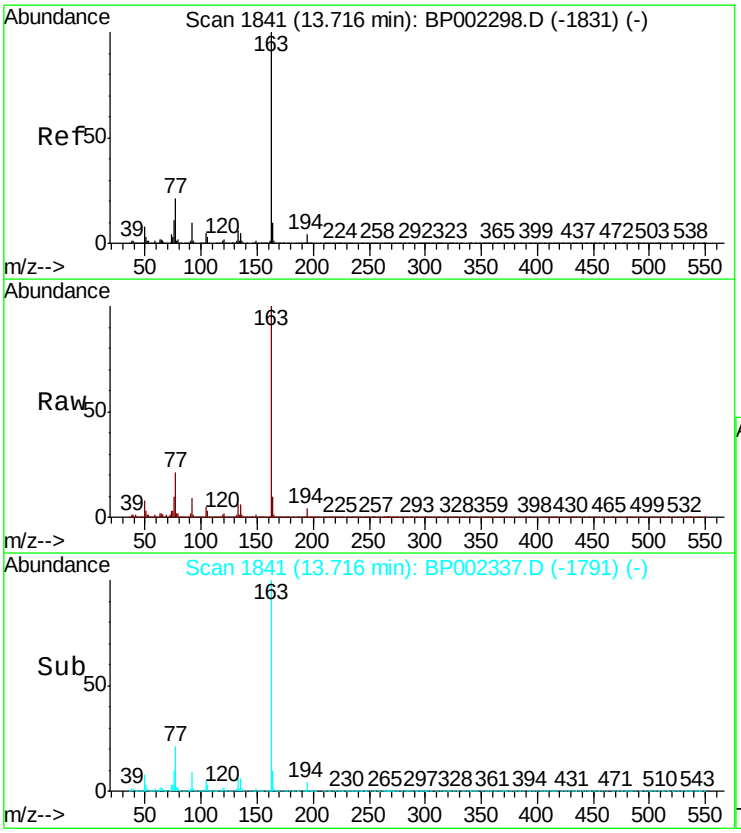

#45
2-Fluorobiphenyl
Concen: 76.602 ng
RT: 12.87 min Scan# 1698
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:172 Resp: 4290615

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 27.6 | 41.4 |
| 170 | 24.9 | 18.9 | 28.3 |

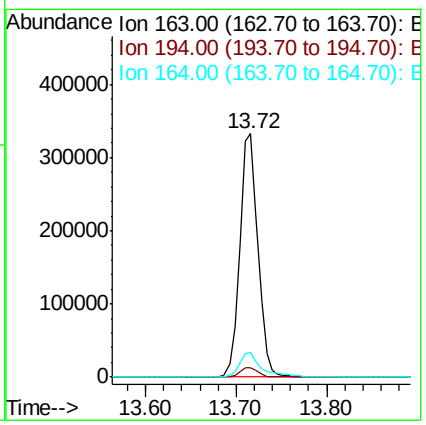


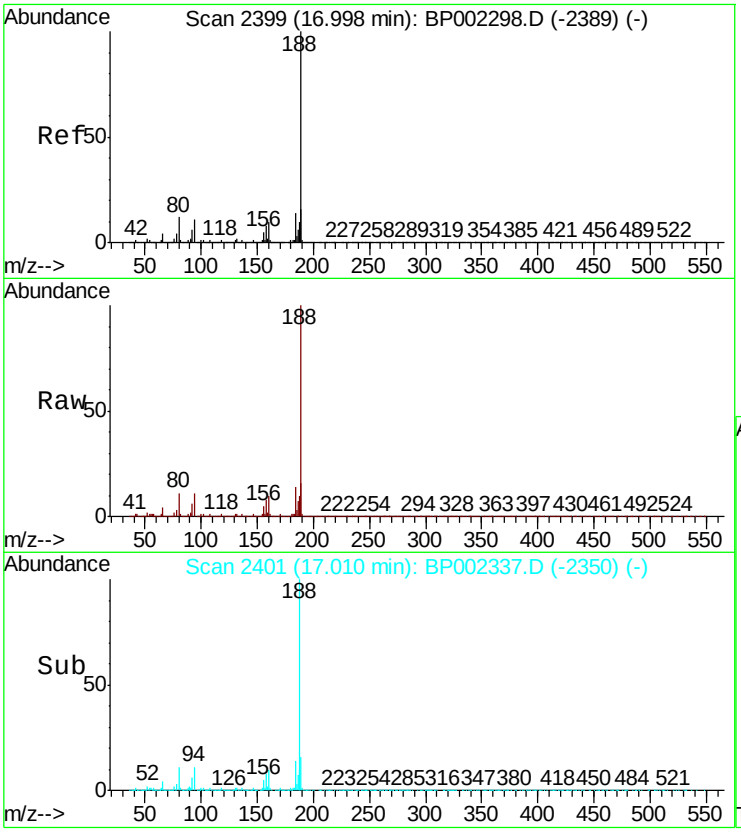




#50
Dimethylphthalate
Concen: 6.919 ng
RT: 13.72 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:163 Resp: 462871

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.9 | 3.2 | 4.8 |
| 164 | 10.0 | 8.1 | 12.1 |



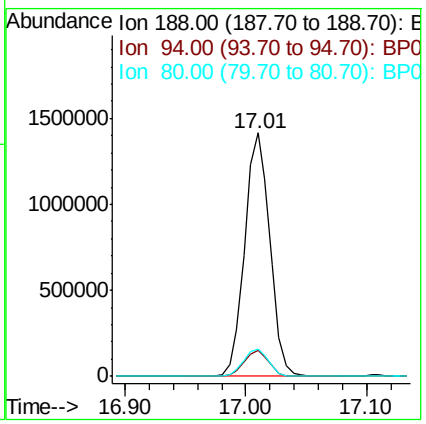


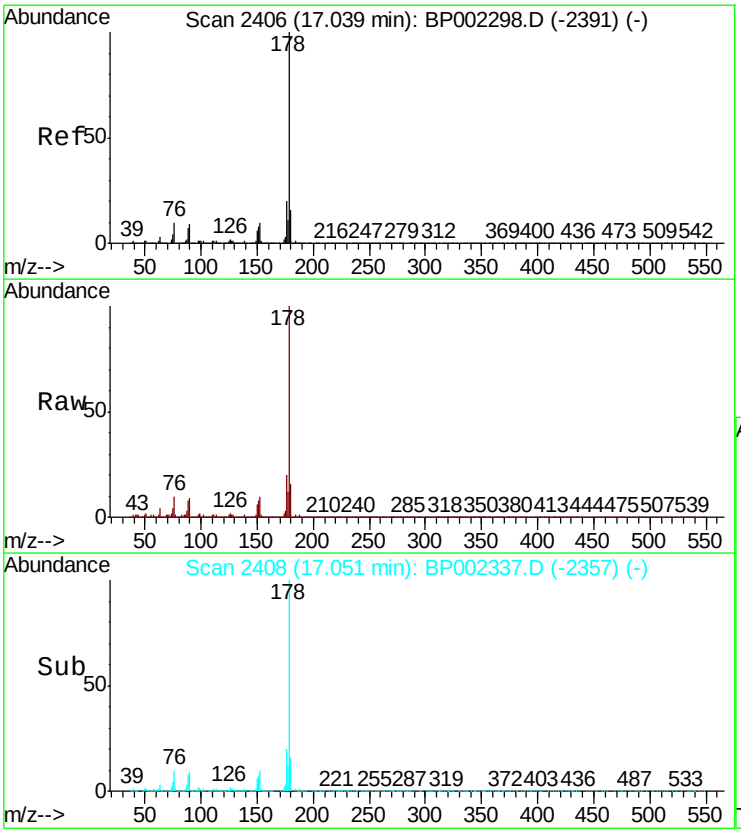

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.01 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:188 Resp: 2053252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 8.7 | 13.1 |
| 80 | 11.3 | 9.3 | 13.9 |

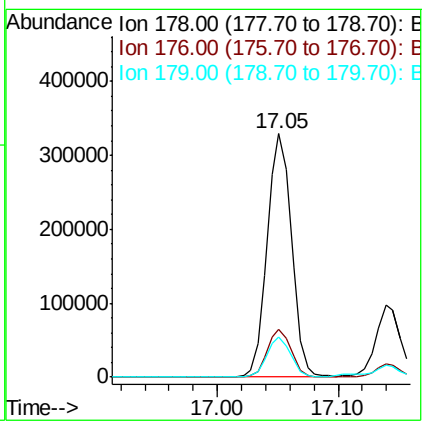


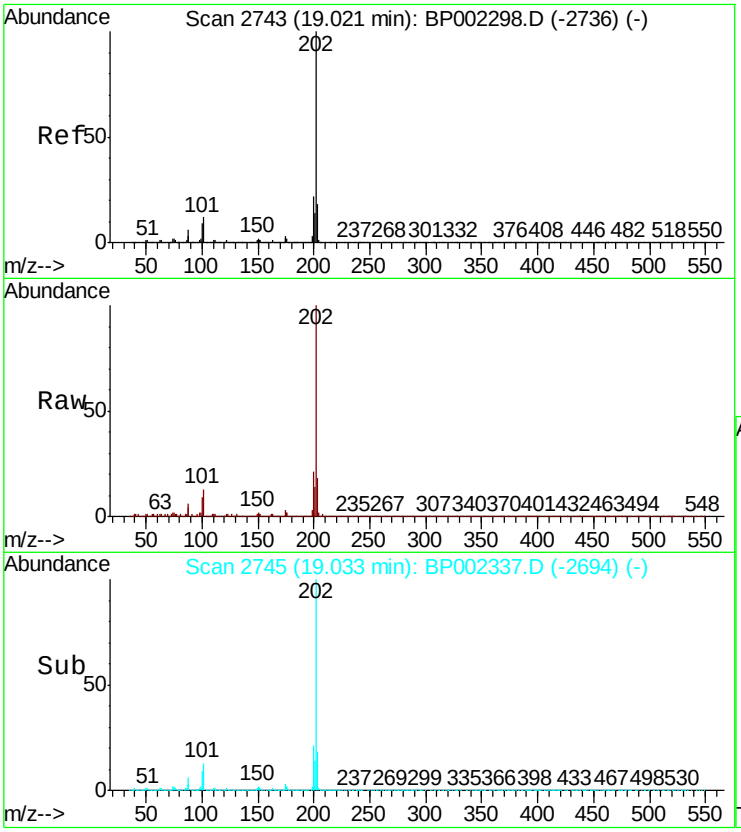




#71
Phenanthrene
Concen: 4.711 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:178 Resp: 458213

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 15.8 | 23.8 |
| 179 | 16.3 | 12.6 | 18.8 |



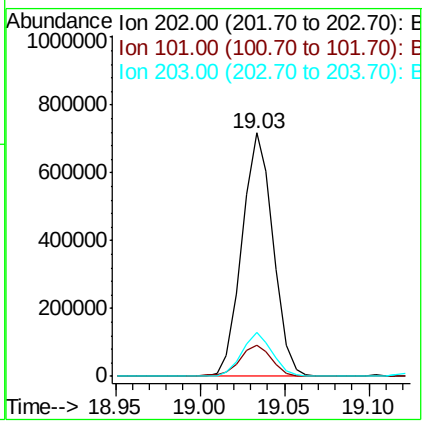


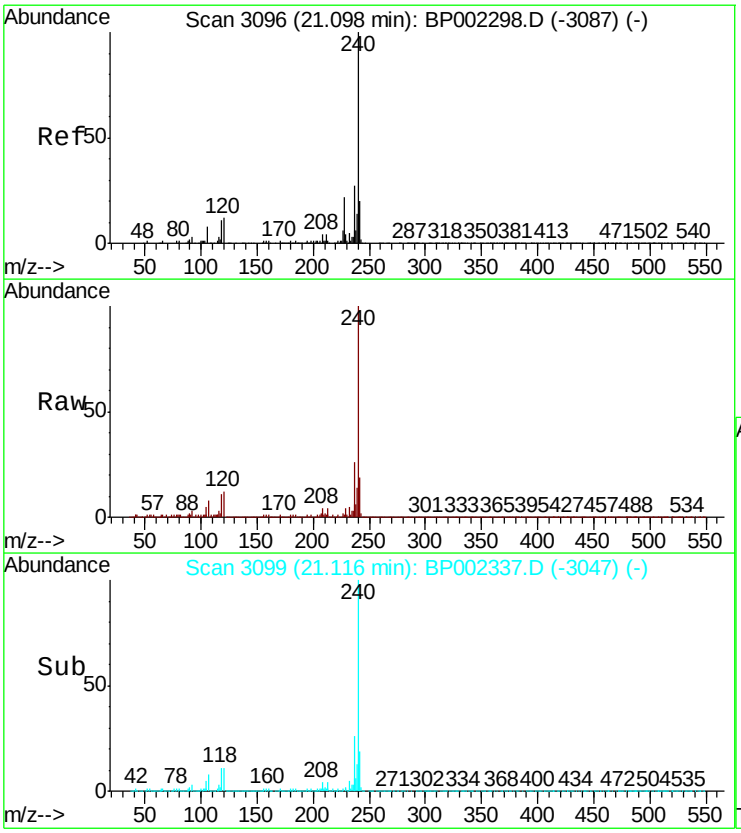

#75
Fluoranthene
Concen: 8.208 ng
RT: 19.03 min Scan# 2745
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:202 Resp: 919417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.0 | 0.0 | 32.1 |
| 203 | 17.9 | 0.0 | 37.6 |

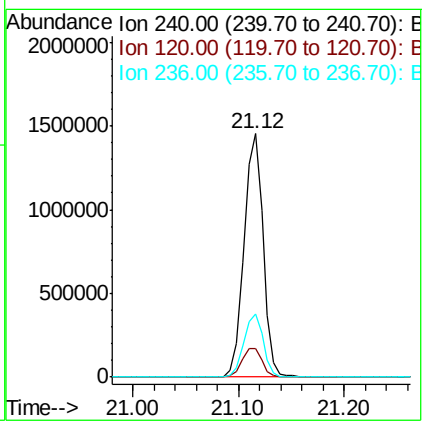


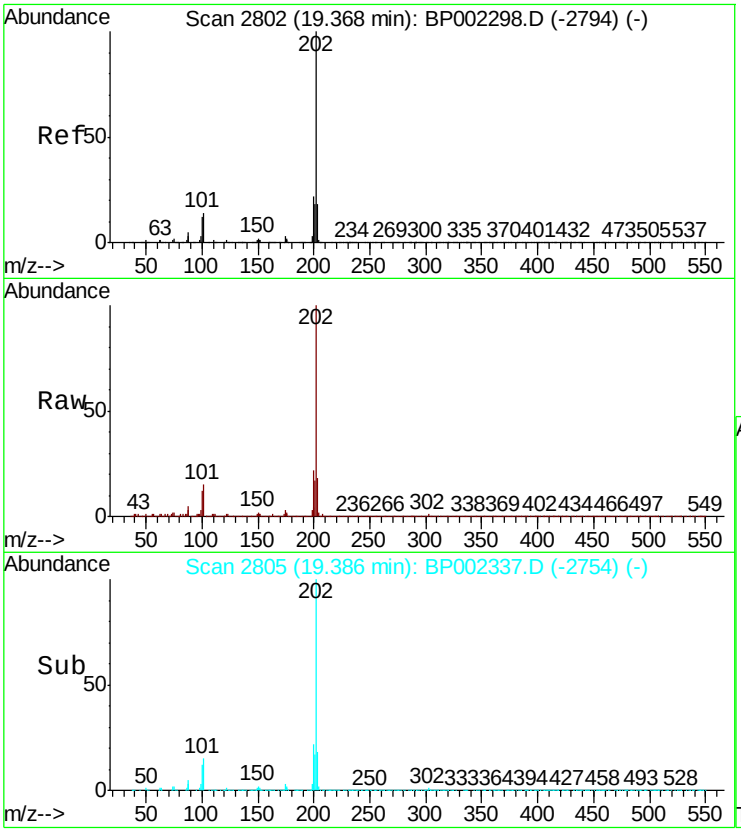




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.12 min Scan# 3099
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:240 Resp: 1821924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.6 | 8.7 | 13.1 |
| 236 | 26.2 | 21.0 | 31.4 |



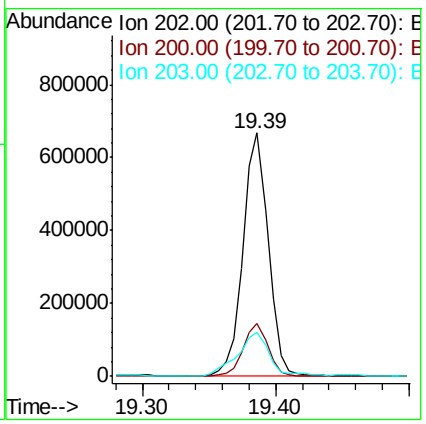


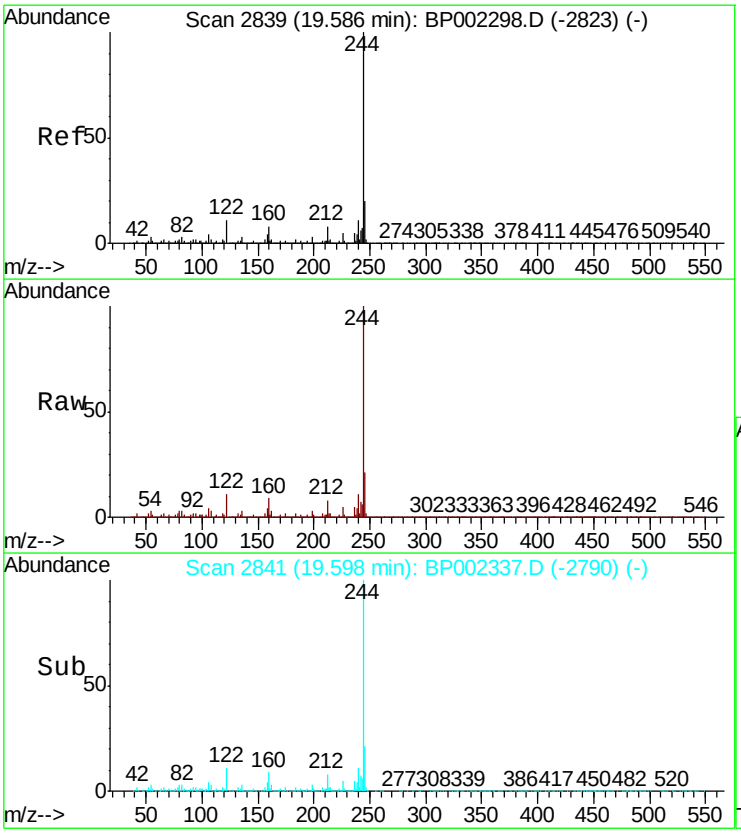

#78
Pyrene
Concen: 7.654 ng
RT: 19.39 min Scan# 2805
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:202 Resp: 868406

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 17.3 | 25.9 |
| 203 | 18.1 | 13.8 | 20.6 |

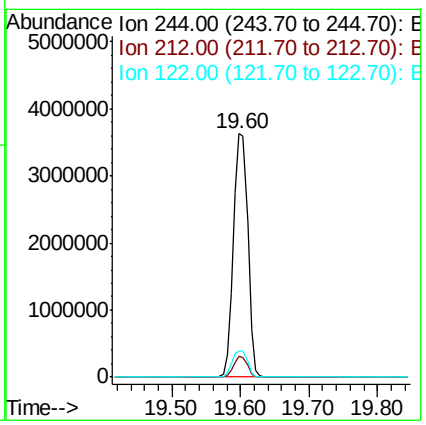


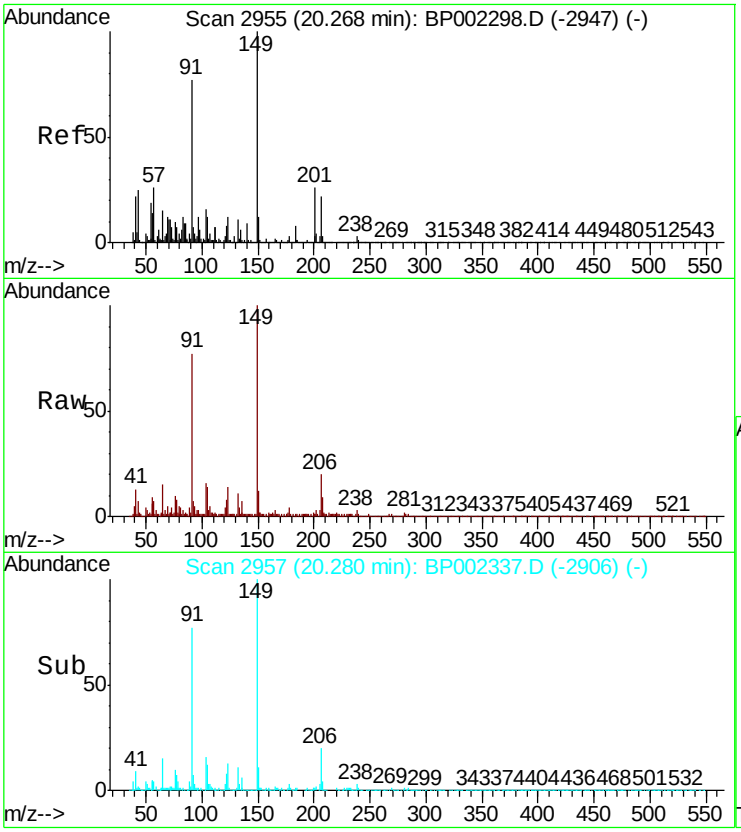




#79
Terphenyl-d14
Concen: 69.617 ng
RT: 19.60 min Scan# 2841
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:244 Resp: 5237471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.3 | 6.4 | 9.6 |
| 122 | 10.9 | 9.4 | 14.0 |



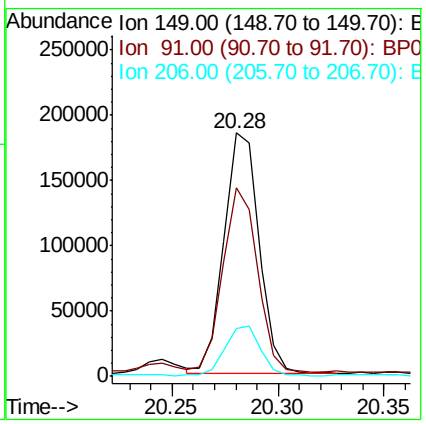


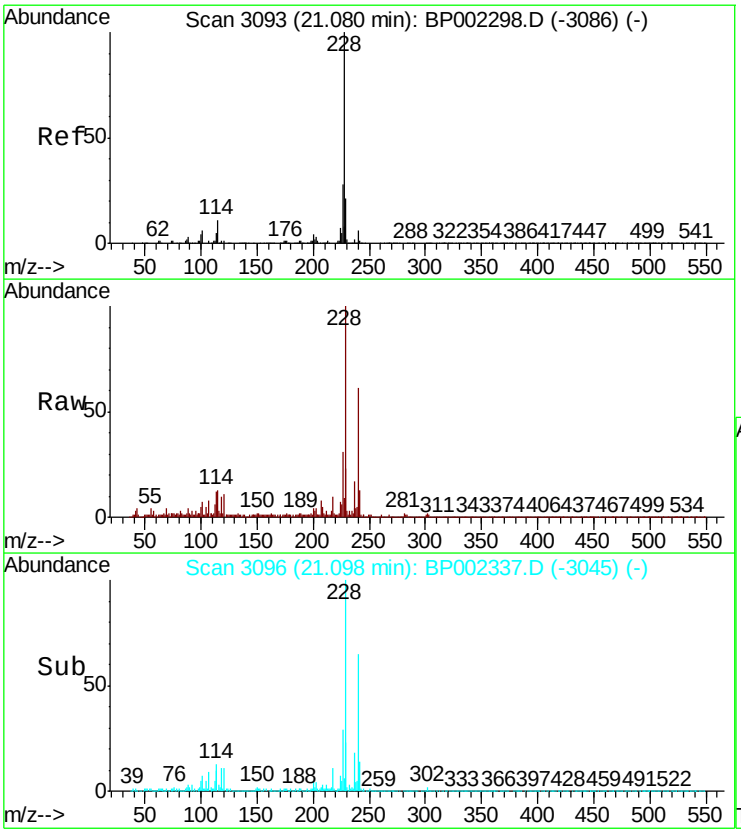

#80
Butylbenzylphthalate
Concen: 4.679 ng
RT: 20.28 min Scan# 2957
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:149 Resp: 211363

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 77.5 | 56.6 | 84.8 |
| 206 | 19.8 | 18.7 | 28.1 |

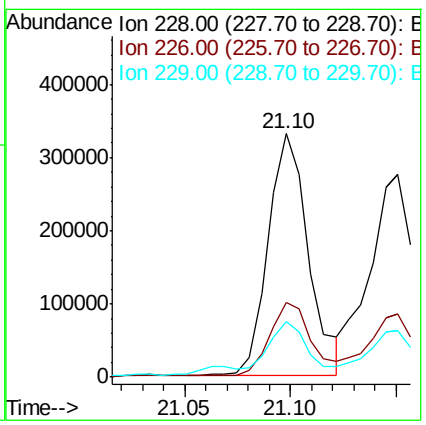


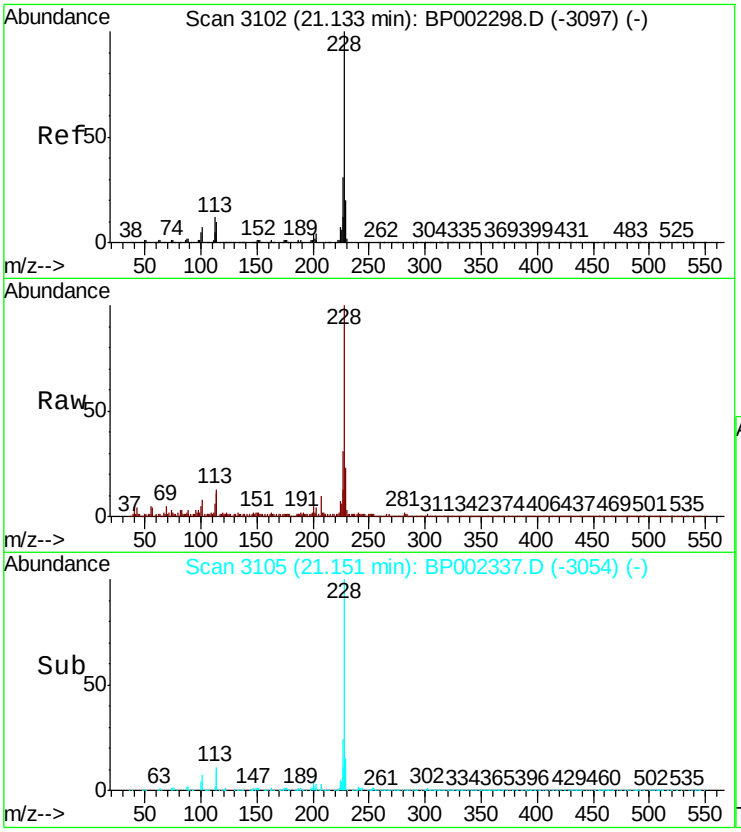




#81
Benzo(a)anthracene
Concen: 4.217 ng
RT: 21.10 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:228 Resp: 439826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 30.7 | 22.7 | 34.1 |
| 229 | 22.8 | 16.3 | 24.5 |



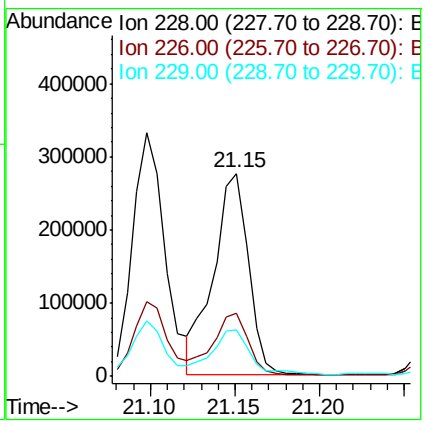


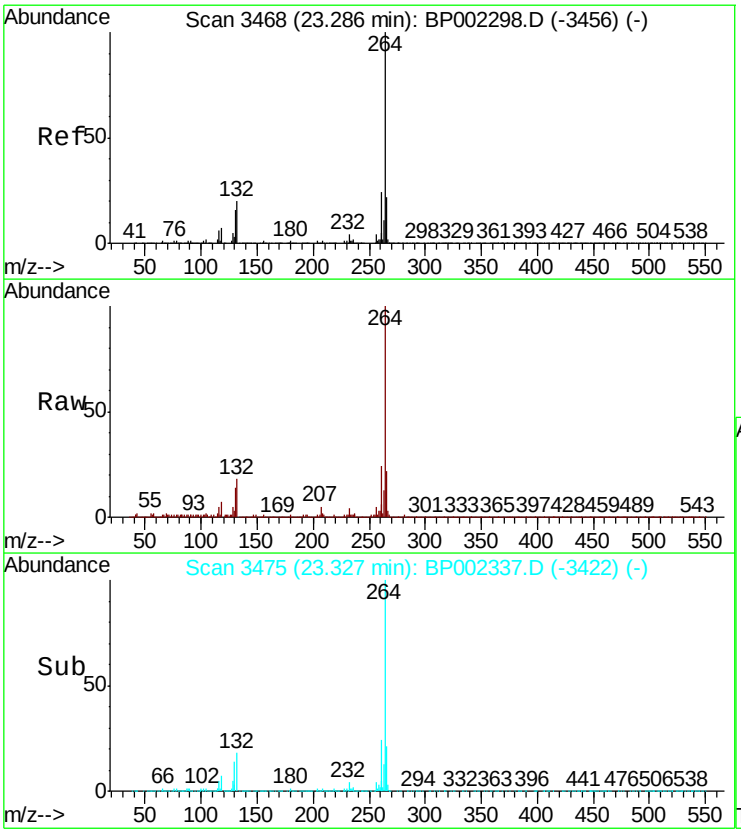

#83
Chrysene
Concen: 3.981 ng
RT: 21.15 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:228 Resp: 398486

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 31.3 | 25.0 | 37.6 |
| 229 | 23.1 | 16.2 | 24.4 |

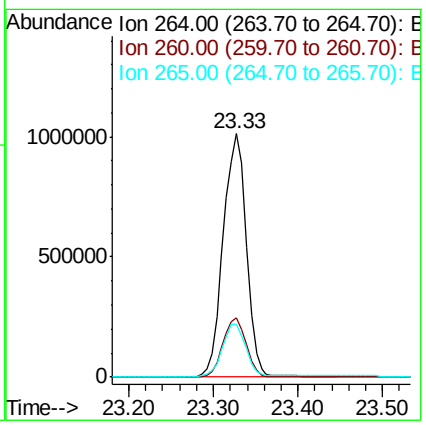


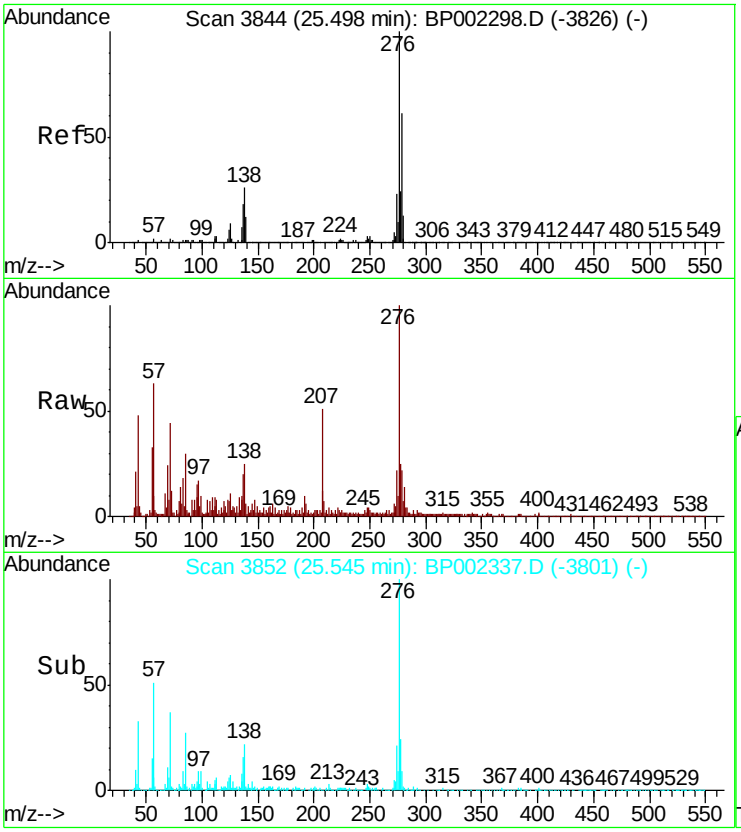




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.33 min Scan# 3475
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:264 Resp: 1904914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.2 | 19.4 | 29.2 |
| 265 | 21.7 | 17.8 | 26.6 |



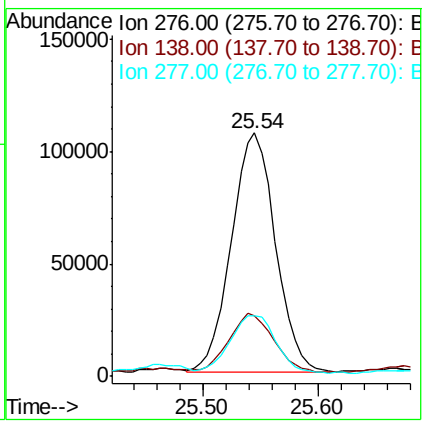


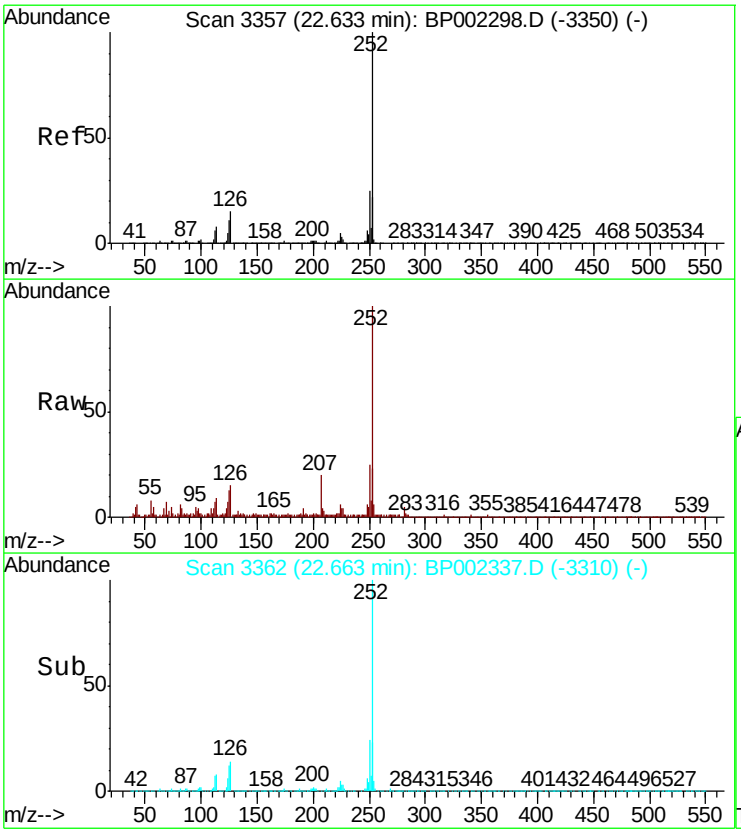

#87
Indeno(1,2,3-cd)pyrene
Concen: 2.389 ng
RT: 25.54 min Scan# 3852
Delta R.T. -0.00 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:276 Resp: 281653

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 25.3 | 18.2 | 27.4 |
| 277 | 25.0 | 20.2 | 30.2 |

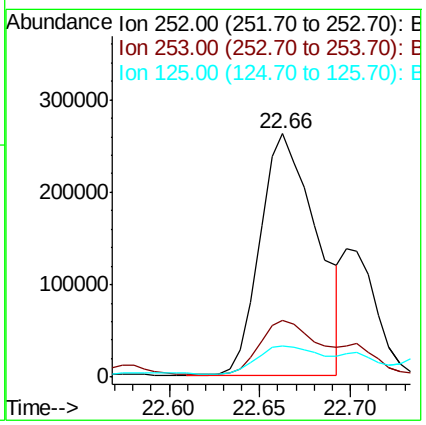


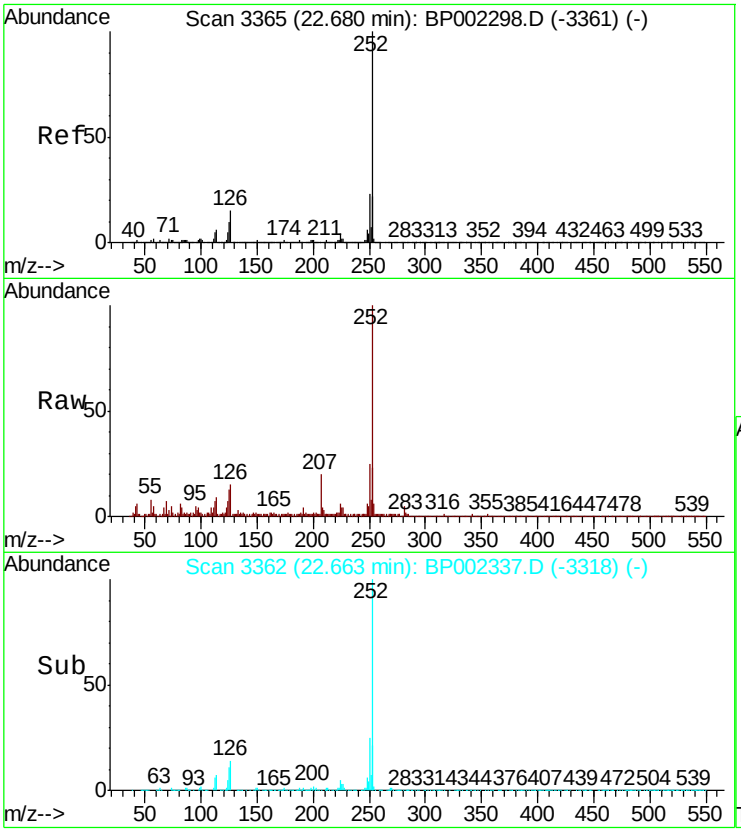




#88
Benzo(b)fluoranthene
Concen: 5.486 ng
RT: 22.66 min Scan# 3362
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:252 Resp: 569795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.2 | 27.2 |
| 125 | 13.0 | 7.2 | 10.8# |



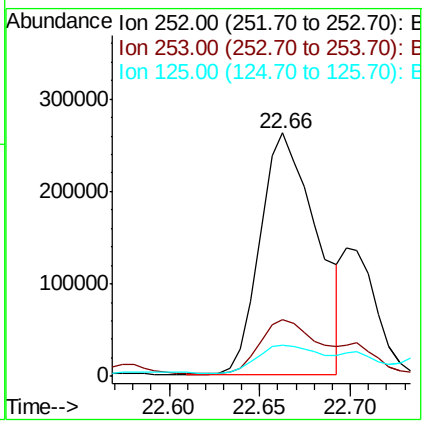


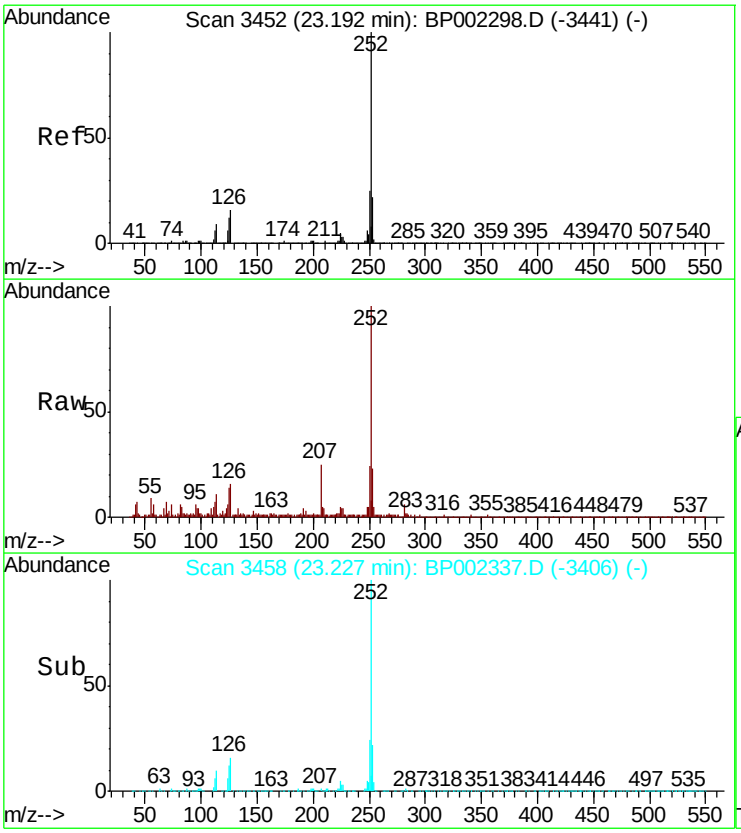

#89
Benzo(k)fluoranthene
Concen: 5.717 ng
RT: 22.66 min Scan# 3362
Delta R.T. -0.04 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:252 Resp: 569795

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 17.9 | 26.9 |
| 125 | 13.0 | 7.4 | 11.2# |

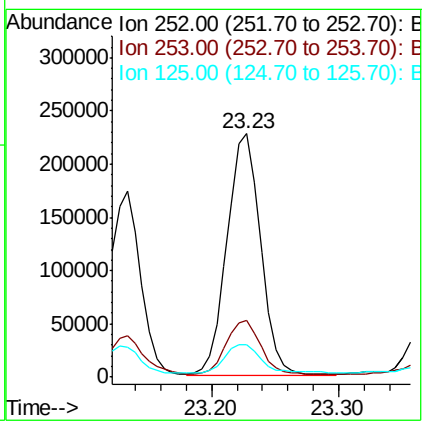


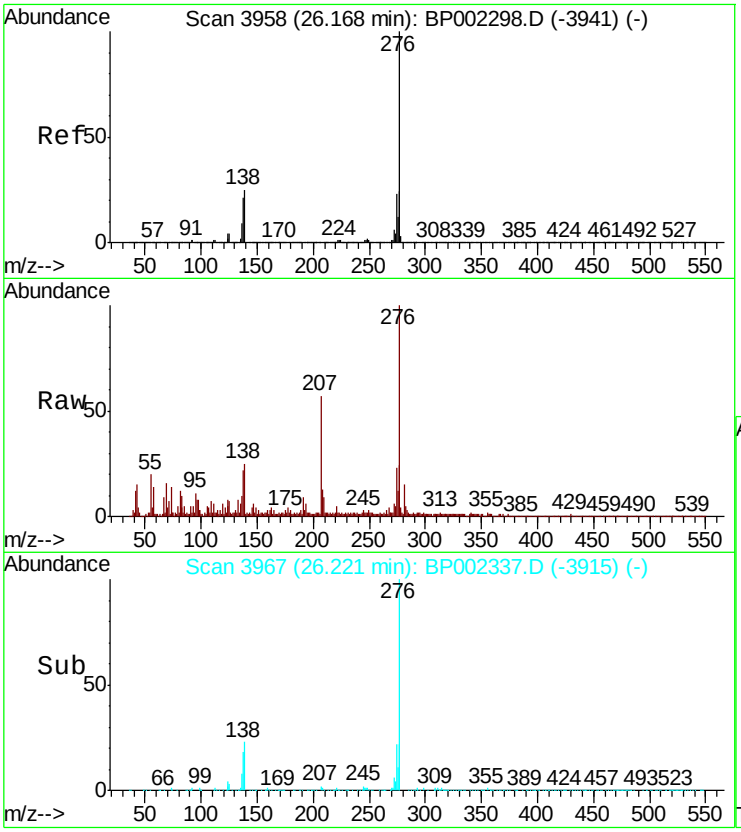




#90
Benzo(a)pyrene
Concen: 4.319 ng
RT: 23.23 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

Tgt Ion:252 Resp: 416057

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 18.0 | 27.0 |
| 125 | 13.5 | 8.4 | 12.6# |






#92
Benzo(g,h,i)perylene
Concen: 3.005 ng
RT: 26.22 min Scan# 3967
Delta R.T. 0.01 min
Lab File: BP002337.D
Acq: 01 Jun 2020 14:02

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

Tgt Ion:276 Resp: 294652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 24.2 | 18.6 | 28.0 |
| 138 | 24.6 | 16.0 | 24.0# |