Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000717.D
Acq On : 14 Oct 2019 17:55
Operator : JU
Sample : K5348-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 15 02:44:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.75 | 152 | 207784 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.03 | 136 | 747489 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.80 | 164 | 408309 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.30 | 188 | 742140 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 13.97 | 240 | 664409 | 20.00 | ng | | 0.00 |
| 87) Perylene-d12 | 15.45 | 264 | 775735 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 55129 | 4.26 | ng | | -0.01 |
| 7) Phenol-d6 | 6.39 | 99 | 557747 | 35.81 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.31 | 82 | 779719 | 63.71 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.59 | 330 | 20941 | 4.81 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.12 | 172 | 1635143 | 64.80 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.90 | 244 | 1864170 | 56.81 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.40 | 94 | 58492 | 3.668 | ng | | 94 |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70 | 97275 | 13.548 | ng | # | 73 |
| 25) Isophorone | 7.31 | 82 | 778885 | 35.858 | ng | # | 61 |
| 41) Hexachlorocyclopentadiene | 9.10 | 237 | 17 | 7.300 | ng | | 92 |
| 50) Dimethylphthalate | 9.51 | 163 | 286371 | 10.094 | ng | | 99 |
| 57) 2,4-Dinitrotoluene | 9.80 | 165 | 53253 | 6.492 | ng | # | 32 |
| 75) Fluoranthene | 12.52 | 202 | 132029 | 3.154 | ng | | 97 |
| 78) Pyrene | 12.76 | 202 | 137642 | 3.004 | ng | | 99 |
| 81) Benzo(a)anthracene | 13.96 | 228 | 86108 | 2.124 | ng | # | 83 |
| 84) Bis(2-ethylhexyl)phthalate | 13.96 | 149 | 84880 | 3.380 | ng | | 98 |
| 88) Benzo(b)fluoranthene | 15.02 | 252 | 154069 | 3.501 | ng | # | 93 |
| 89) Benzo(k)fluoranthene | 15.02 | 252 | 154069 | 3.677 | ng | # | 95 |
| 90) Benzo(a)pyrene | 15.39 | 252 | 92206 | 2.248 | ng | # | 92 |

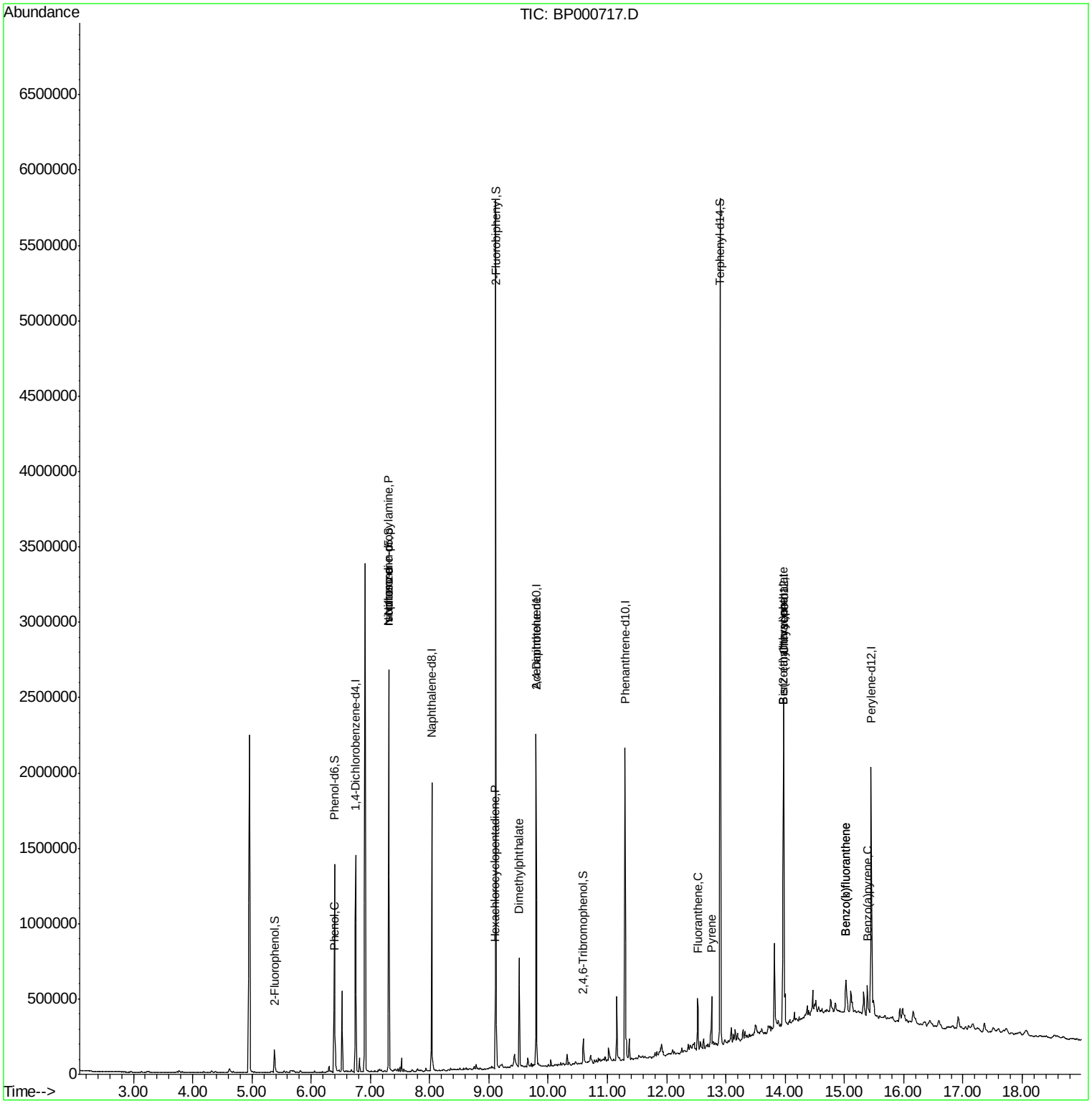
(#) = qualifier out of range (m) = manual integration (+) = signals summed

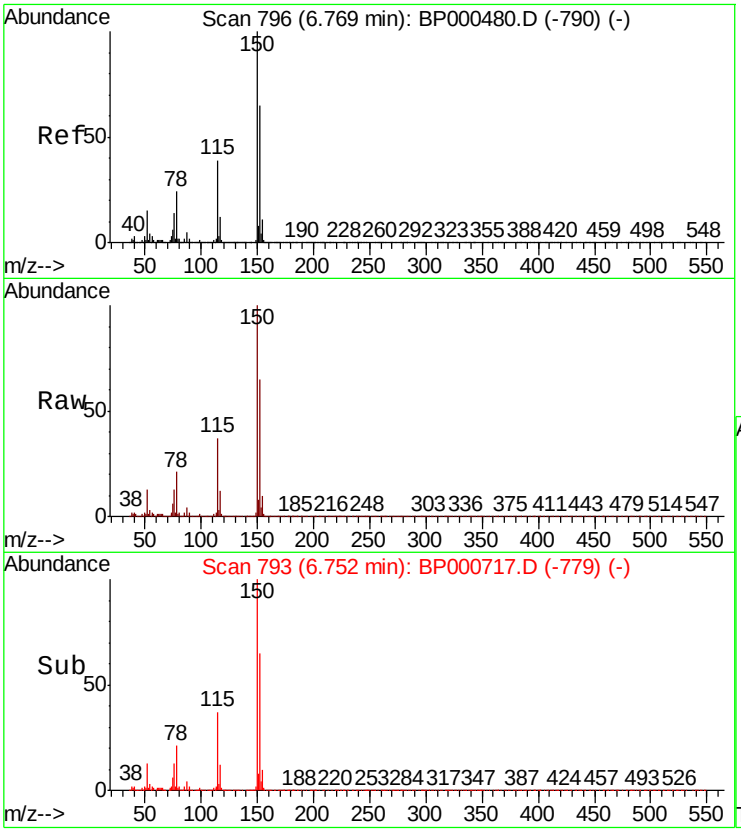
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101419\
Data File : BP000717.D
Acq On : 14 Oct 2019 17:55
Operator : JU
Sample : K5348-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 15 02:44:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



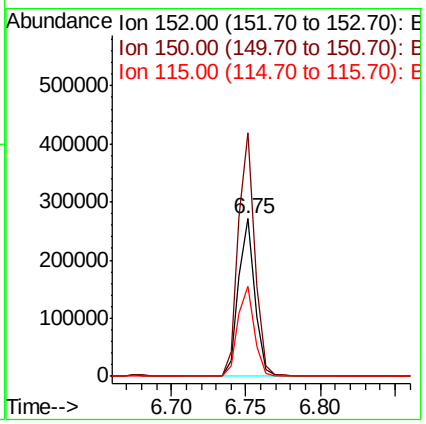


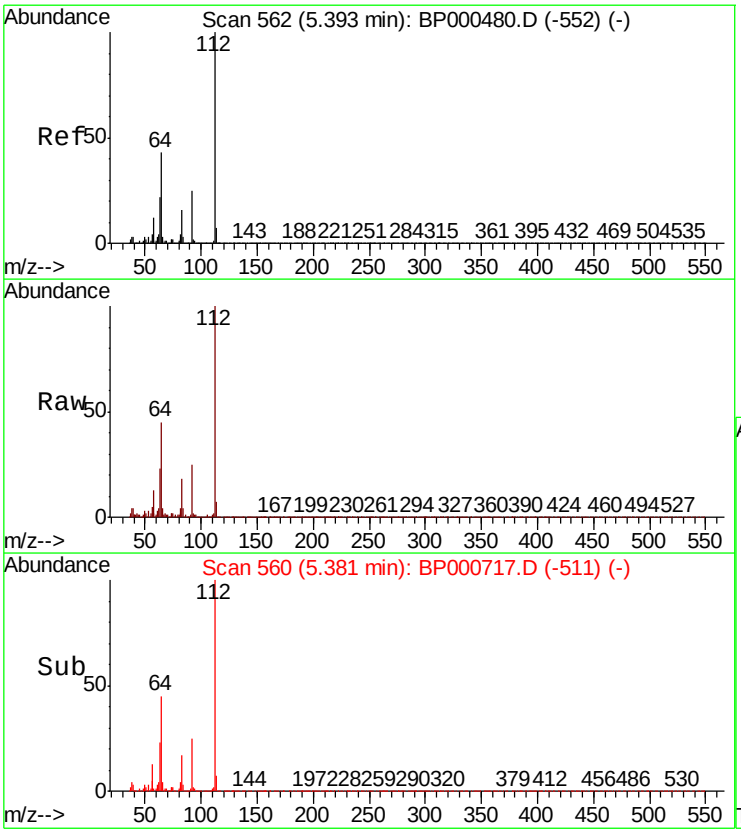

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:152 Resp: 207784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.3 | 124.1 | 186.1 |
| 115 | 57.1 | 48.7 | 73.1 |

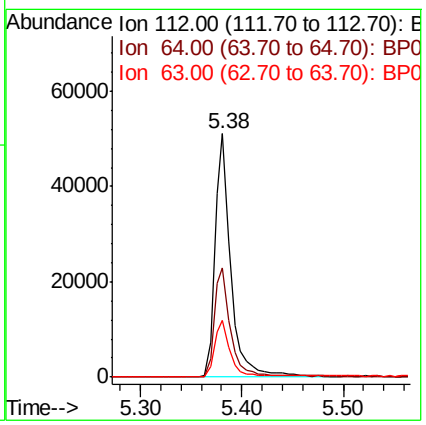


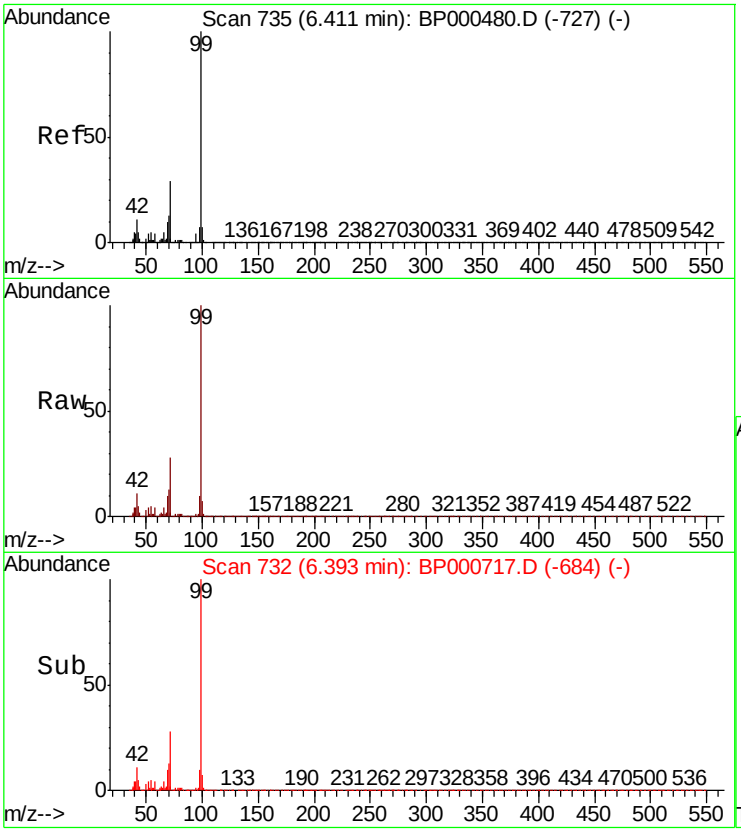




#5
2-Fluorophenol
Concen: 4.265 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:112 Resp: 55129

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 45.0 | 34.2 | 51.4 |
| 63 | 23.1 | 17.9 | 26.9 |



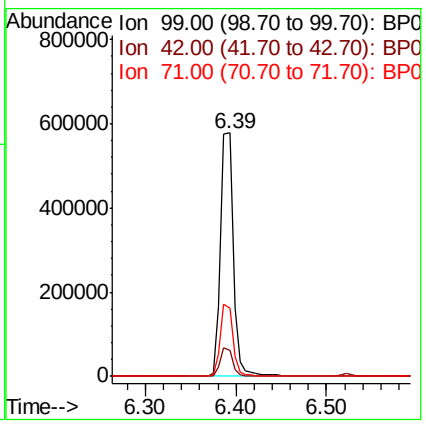


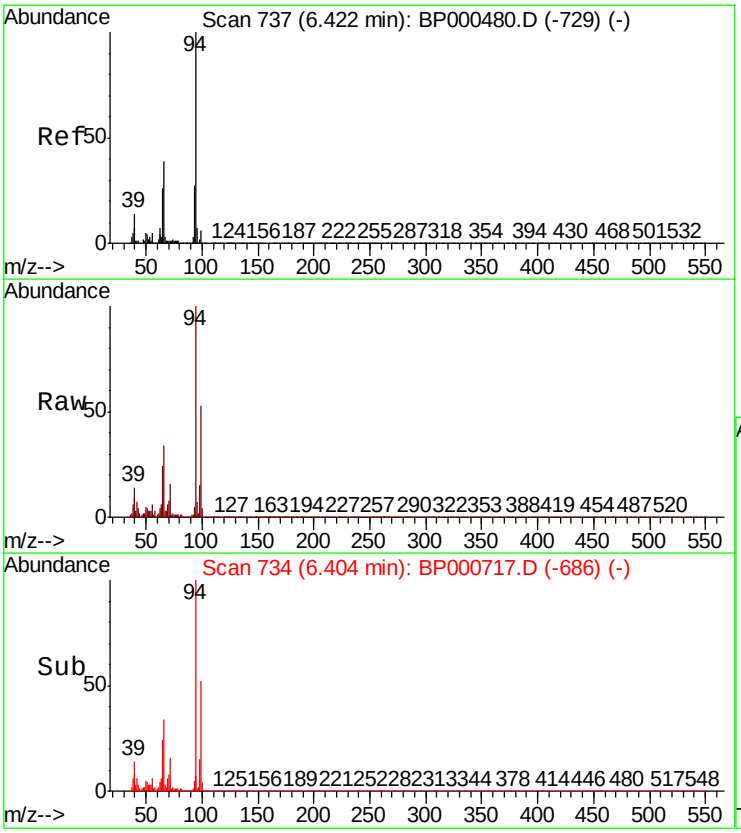

#7
Phenol-d6
Concen: 35.806 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion: 99 Resp: 557747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 10.6 | 8.6 | 12.8 |
| 71 | 28.2 | 23.0 | 34.4 |

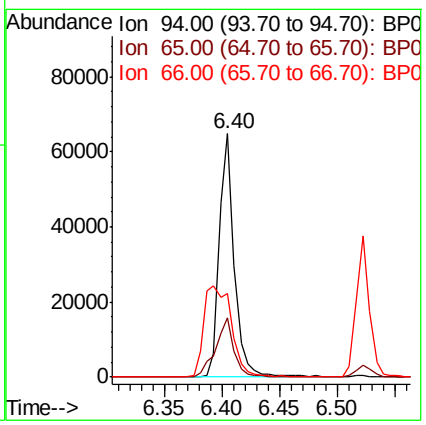


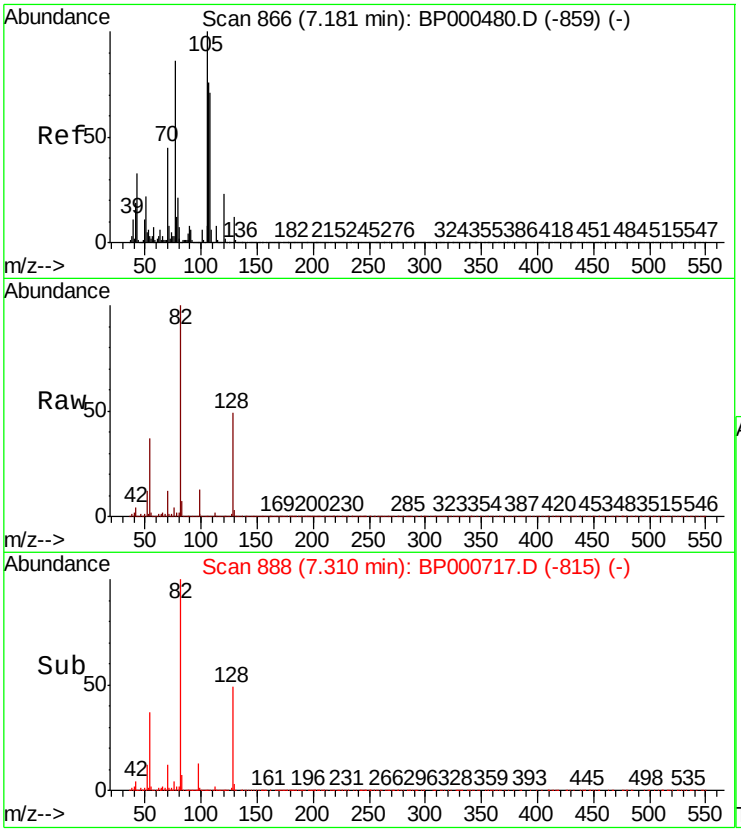




#10
Phenol
Concen: 3.668 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion: 94 Resp: 58492

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 24.5 | 5.9 | 45.9 |
| 66 | 34.1 | 18.8 | 58.8 |



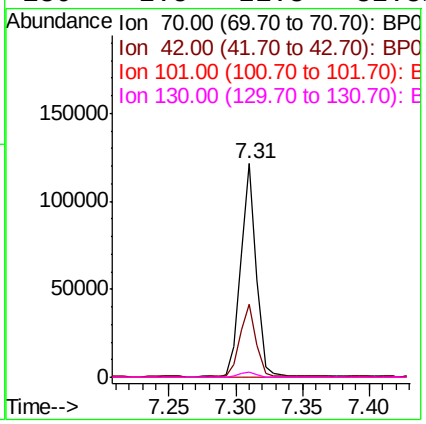


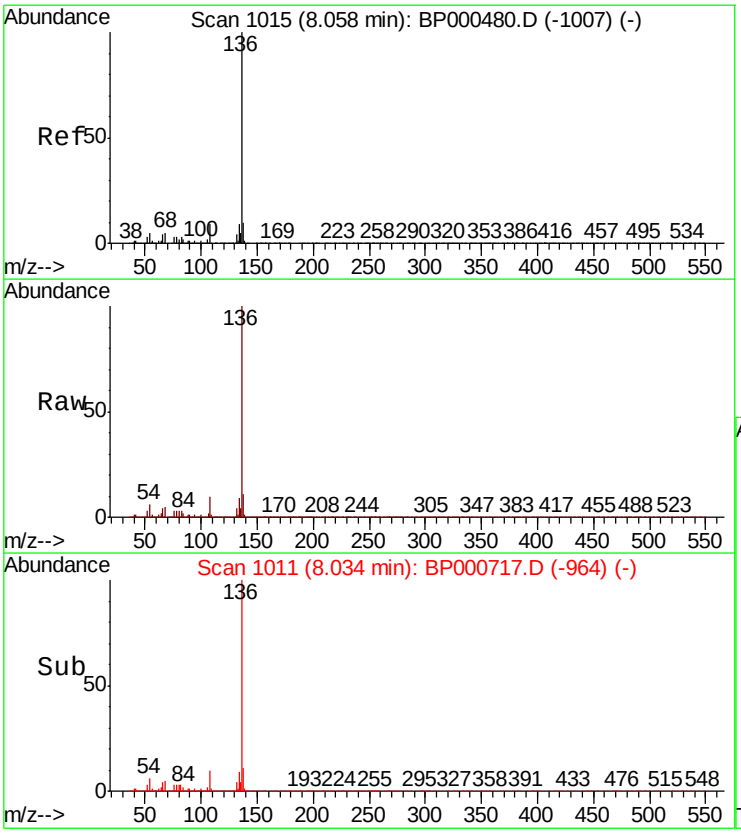

#19
n-Nitroso-di-n-propylamine
Concen: 13.548 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion: 70 Resp: 97275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 34.5 | 33.2 | 49.8 |
| 101 | 0.1 | 9.9 | 14.9# |
| 130 | 2.5 | 21.8 | 32.8# |

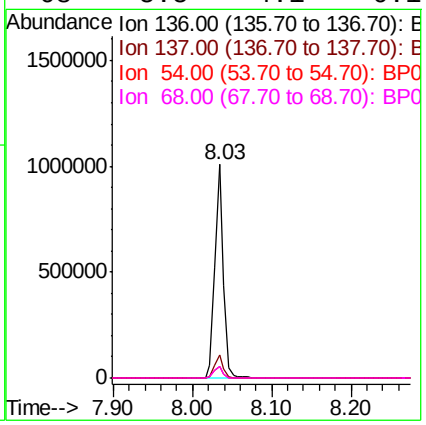


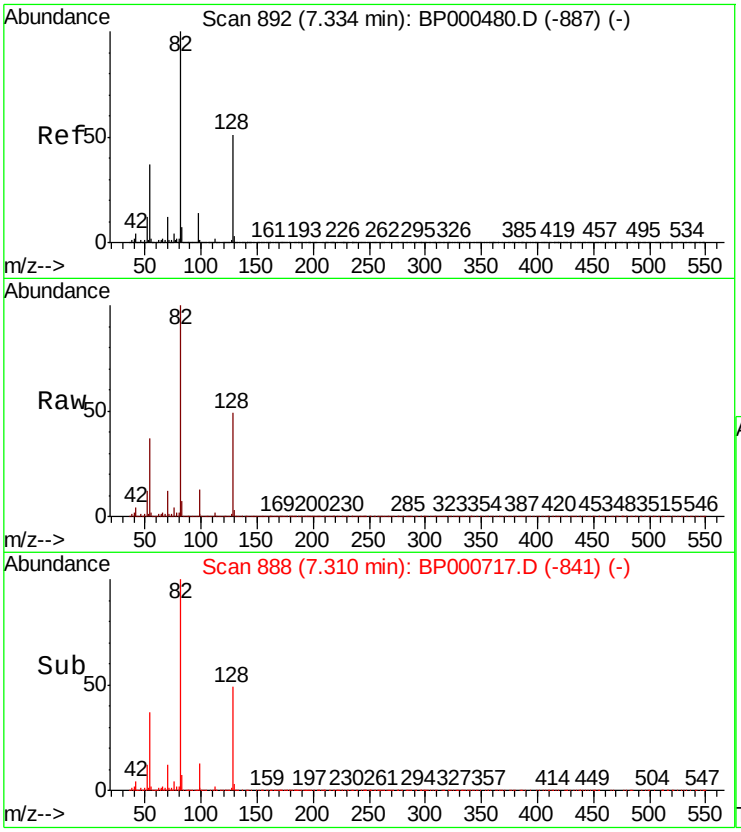




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:136 Resp: 747489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.2 | 12.4 |
| 54 | 5.6 | 4.1 | 6.1 |
| 68 | 5.5 | 4.1 | 6.1 |



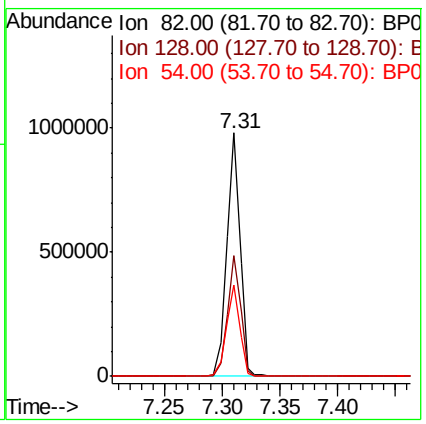


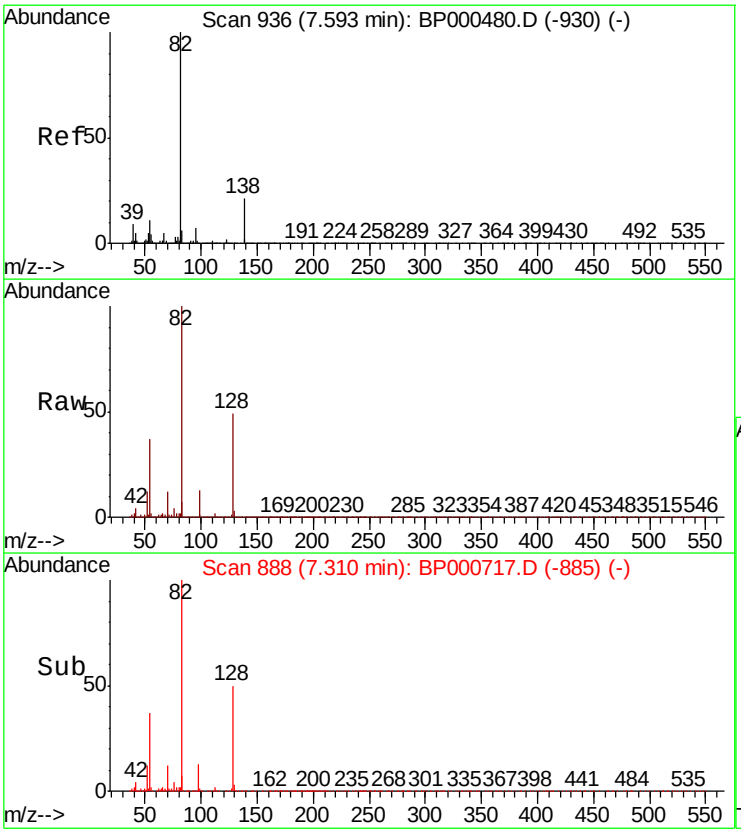

#23
Nitrobenzene-d5
Concen: 63.709 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion: 82 Resp: 779719

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 49.4 | 40.9 | 61.3 |
| 54 | 37.5 | 29.4 | 44.2 |

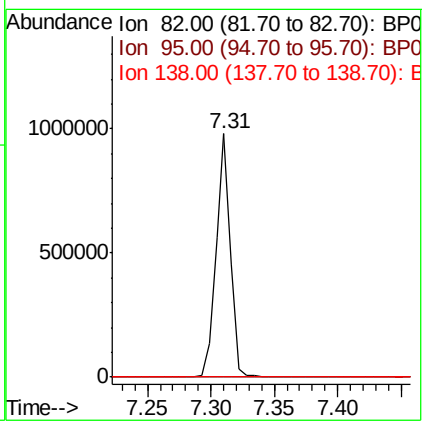


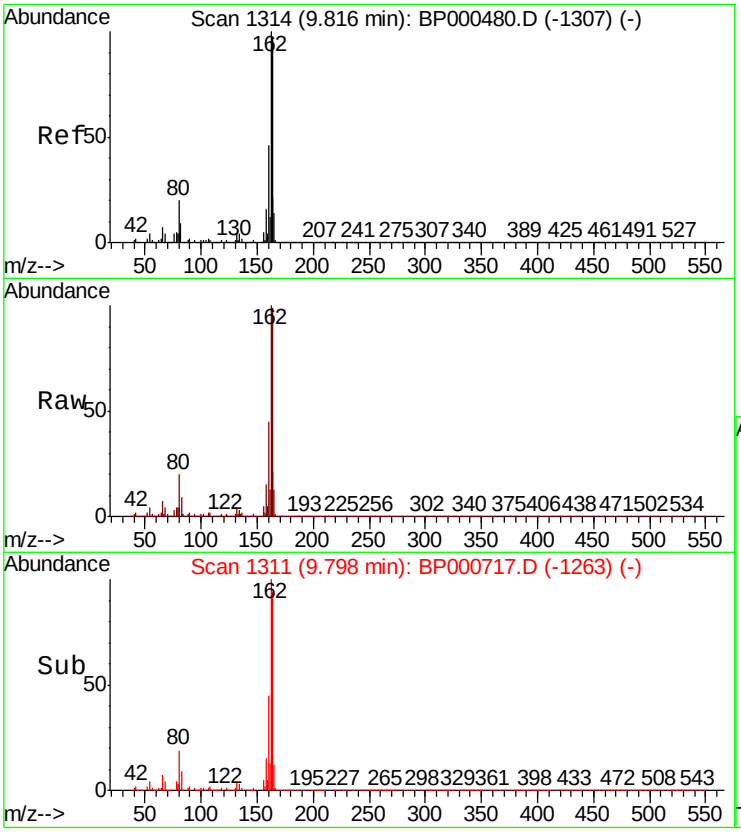




#25
Isophorone
Concen: 35.858 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion: 82 Resp: 778885

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.8 | 8.6# |
| 138 | 0.0 | 17.0 | 25.4# |



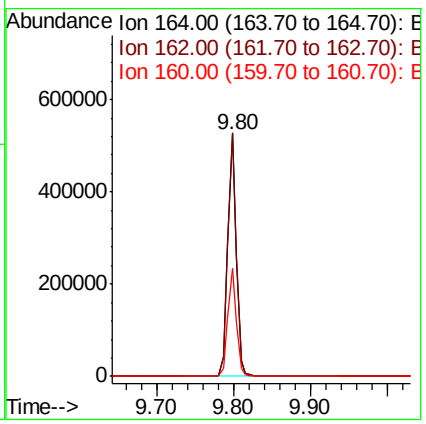


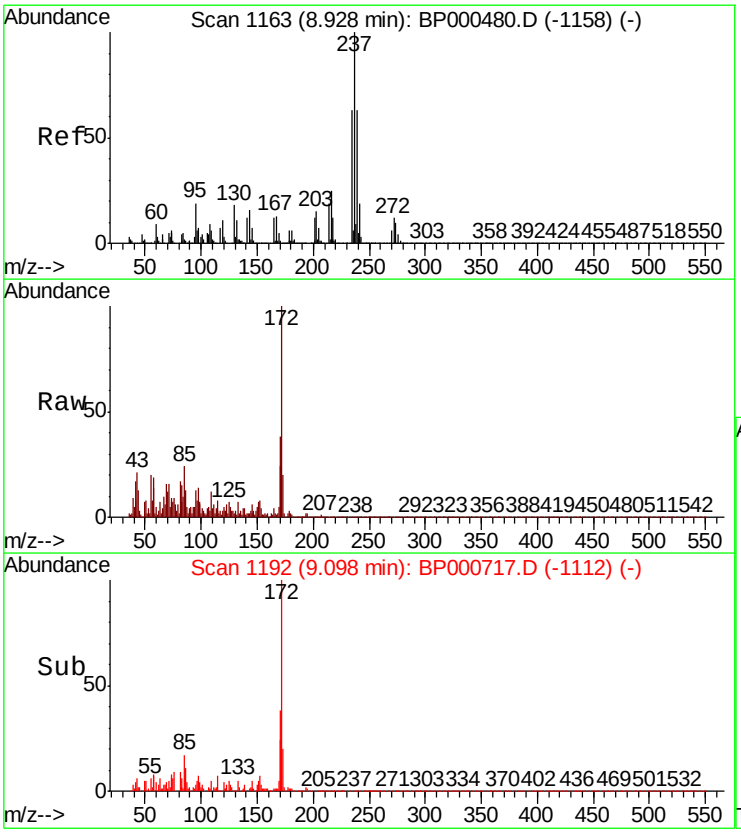

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:164 Resp: 408309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.6 | 82.2 | 123.2 |
| 160 | 44.9 | 37.6 | 56.4 |

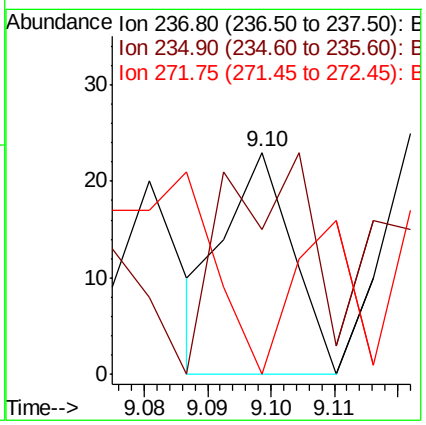


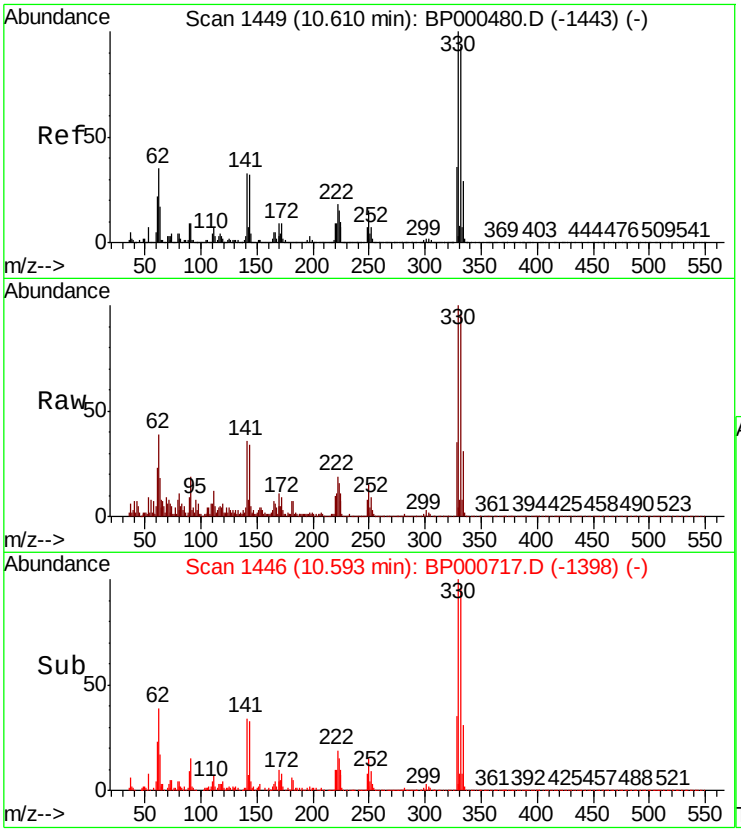




#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 9.10 min Scan# 1192
Delta R.T. 0.17 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:237 Resp: 17

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 65.2 | 42.9 | 82.9 |
| 272 | 0.0 | 0.0 | 32.4 |



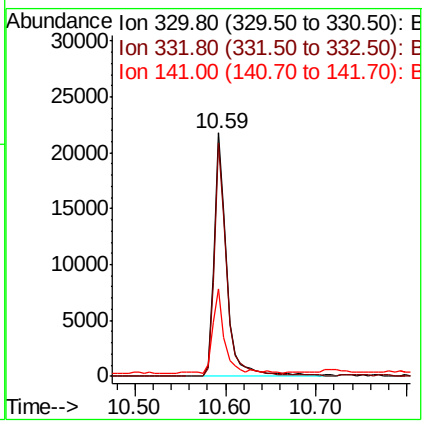


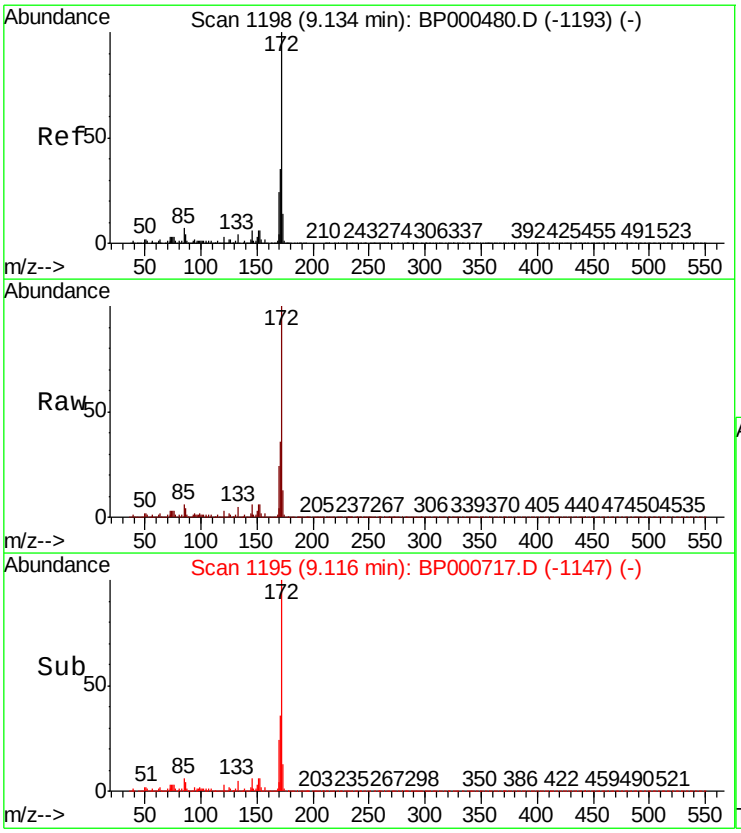

#42
2,4,6-Tribromophenol
Concen: 4.813 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:330 Resp: 20941

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.1 | 77.1 | 115.7 |
| 141 | 30.9 | 26.0 | 39.0 |

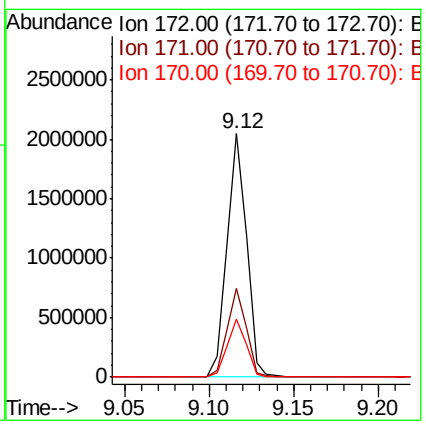


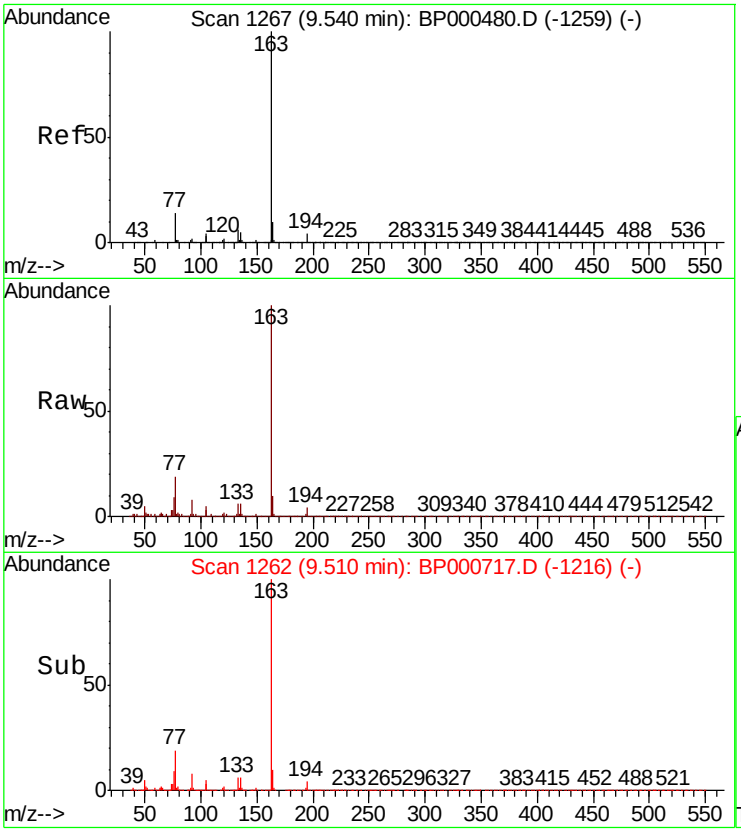




#45
2-Fluorobiphenyl
Concen: 64.795 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:172 Resp: 1635143

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 28.4 | 42.6 |
| 170 | 24.0 | 19.1 | 28.7 |



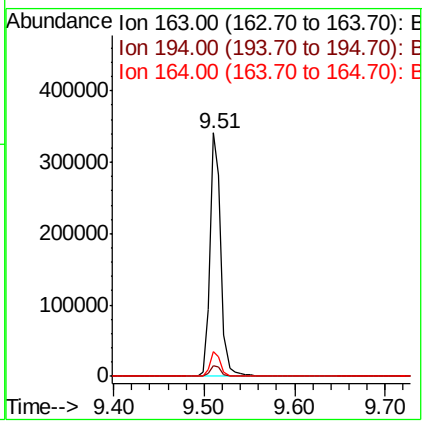


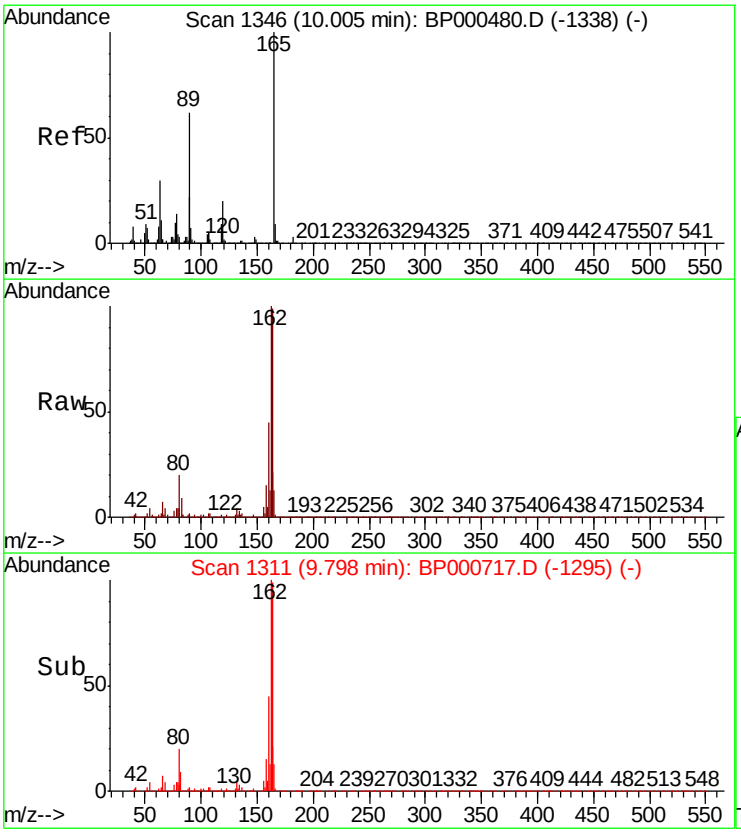

#50
Dimethylphthalate
Concen: 10.094 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:163 Resp: 286371

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.4 | 5.2 |
| 164 | 10.2 | 8.0 | 12.0 |

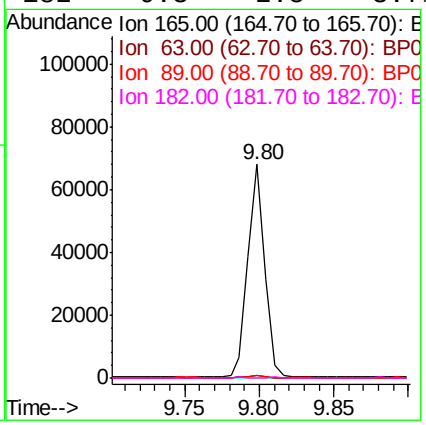


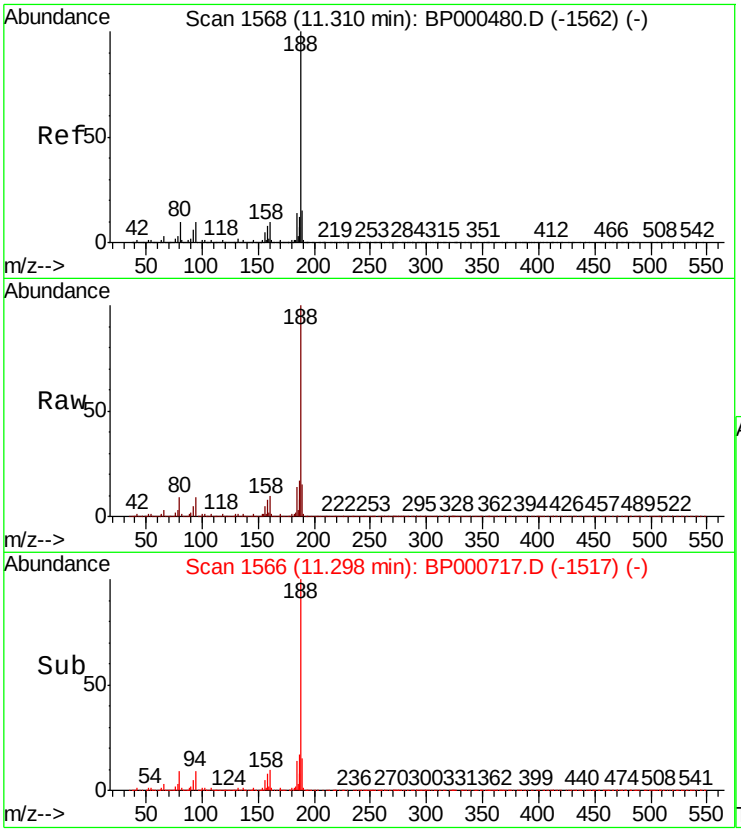




#57
2,4-Dinitrotoluene
Concen: 6.492 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:165 Resp: 53253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.2 | 24.2 | 36.4# |
| 89 | 1.2 | 49.4 | 74.0# |
| 182 | 0.3 | 2.5 | 3.7# |



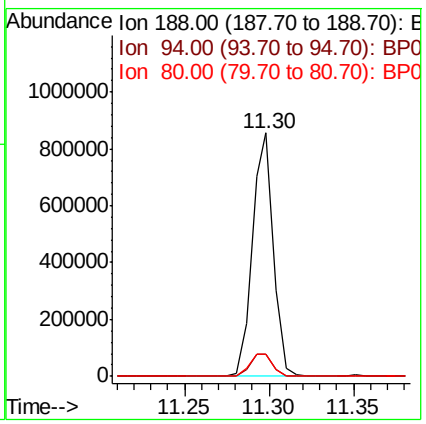


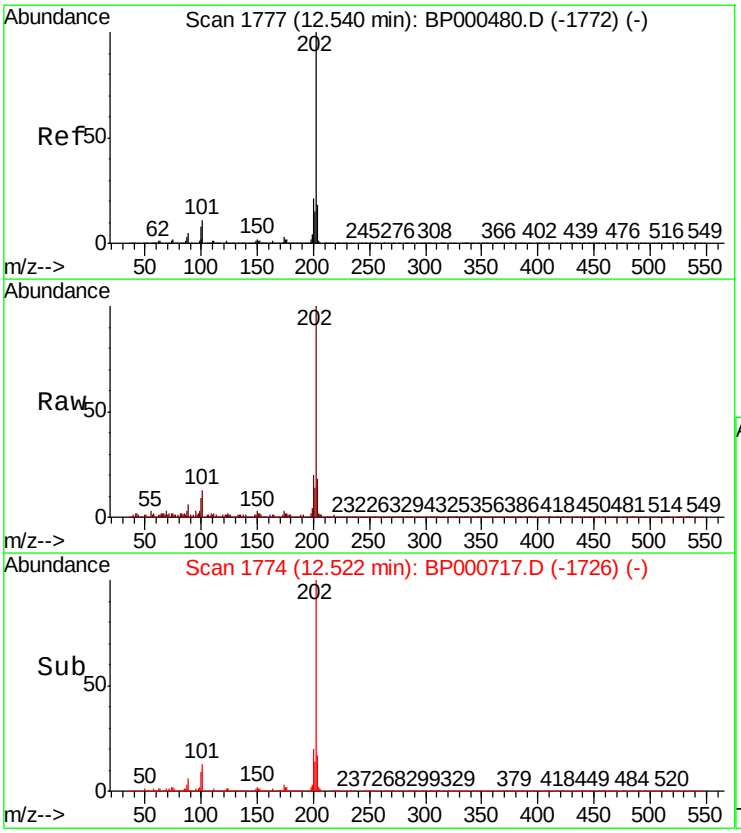

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:188 Resp: 742140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.0 | 8.2 | 12.2 |
| 80 | 9.2 | 8.3 | 12.5 |

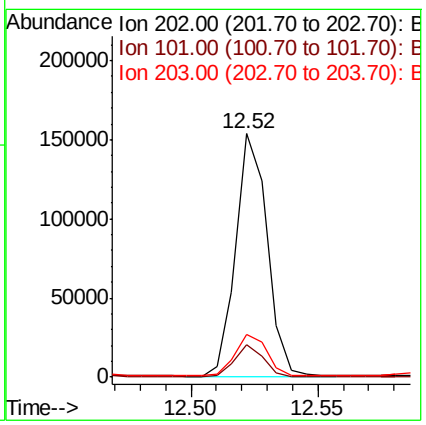


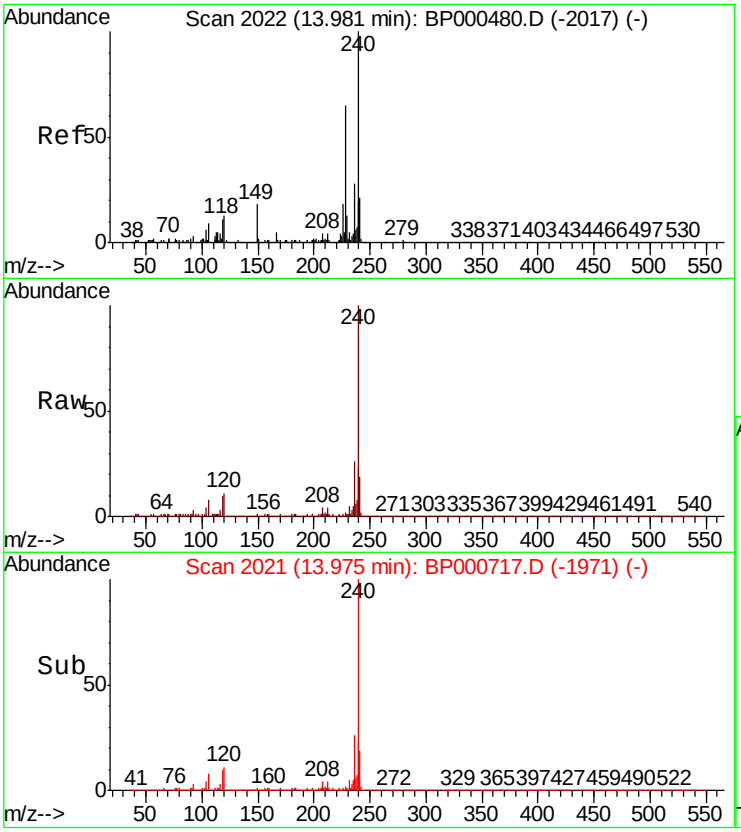




#75
Fluoranthene
Concen: 3.154 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:202 Resp: 132029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 13.1 | 0.0 | 31.3 |
| 203 | 17.5 | 0.0 | 38.1 |



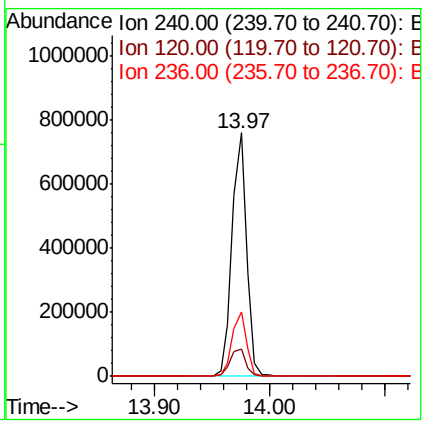


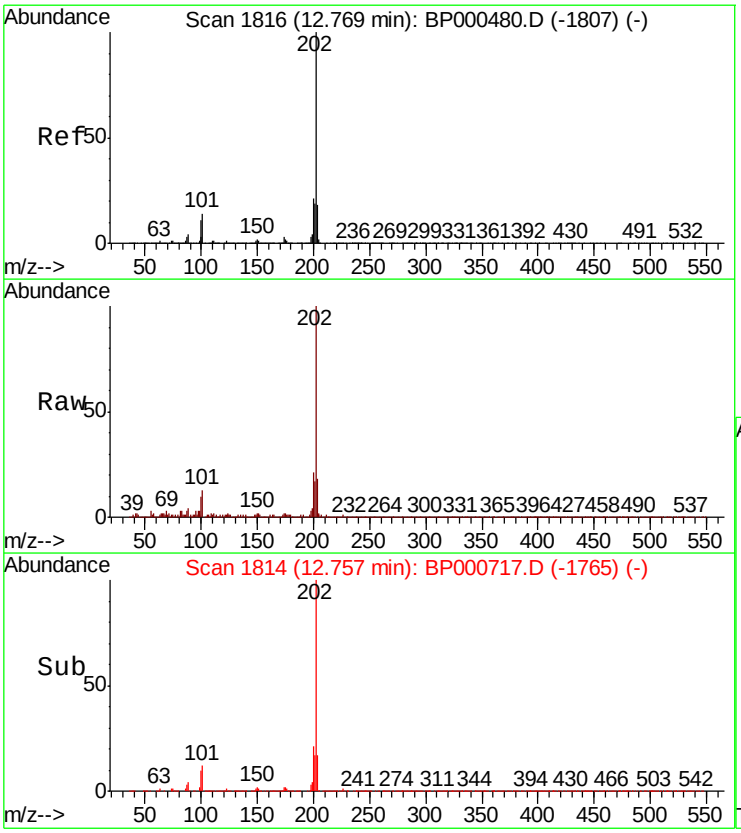

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:240 Resp: 664409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.4 | 10.1 | 15.1 |
| 236 | 26.4 | 22.7 | 34.1 |

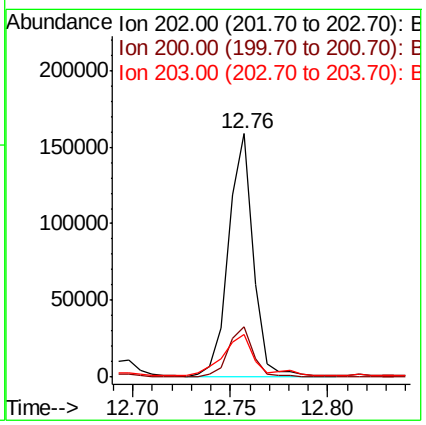


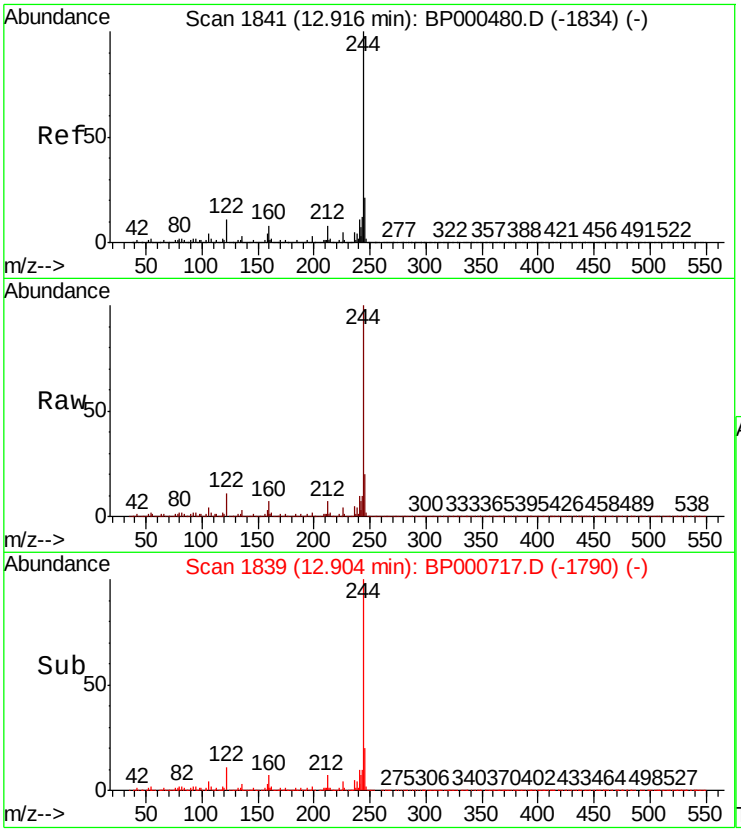




#78
Pyrene
Concen: 3.004 ng
RT: 12.76 min Scan# 1814
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:202 Resp: 137642

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.6 | 17.1 | 25.7 |
| 203 | 17.7 | 14.6 | 21.8 |



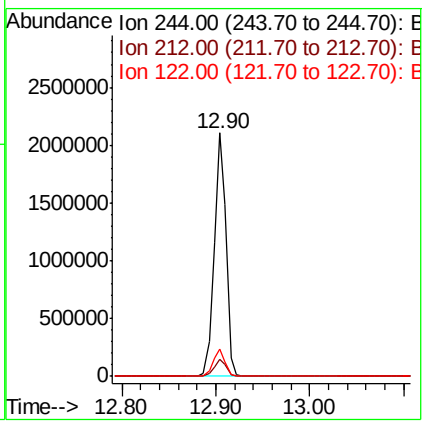


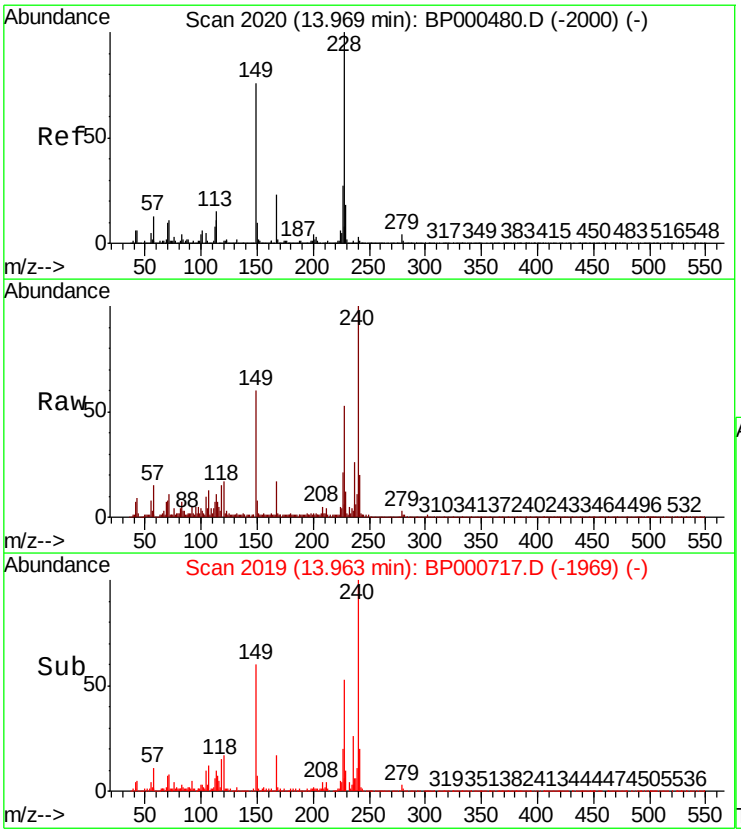

#79
Terphenyl-d14
Concen: 56.809 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:244 Resp: 1864170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 11.4 | 8.9 | 13.3 |

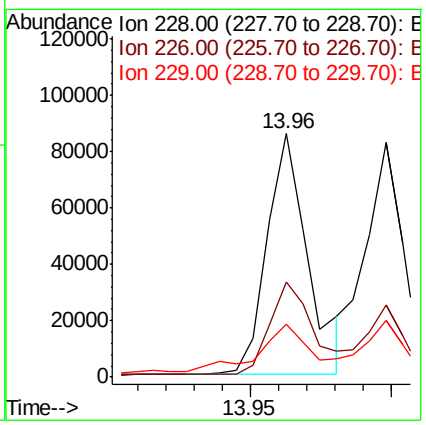


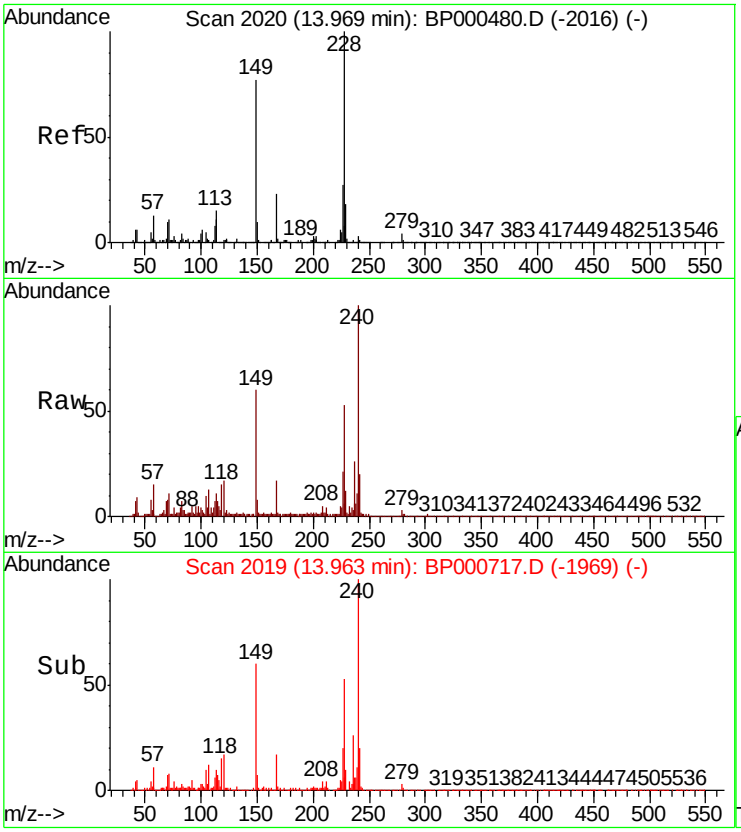




#81
Benzo(a)anthracene
Concen: 2.124 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:228 Resp: 86108

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 39.1 | 21.4 | 32.2# |
| 229 | 21.6 | 14.7 | 22.1 |



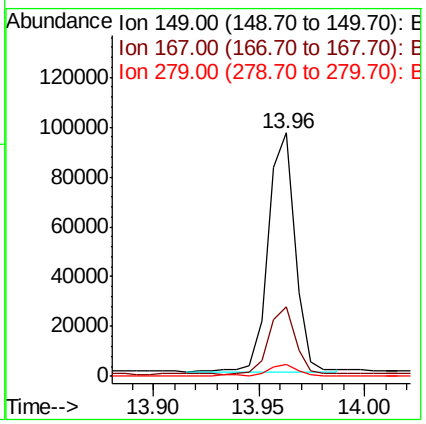


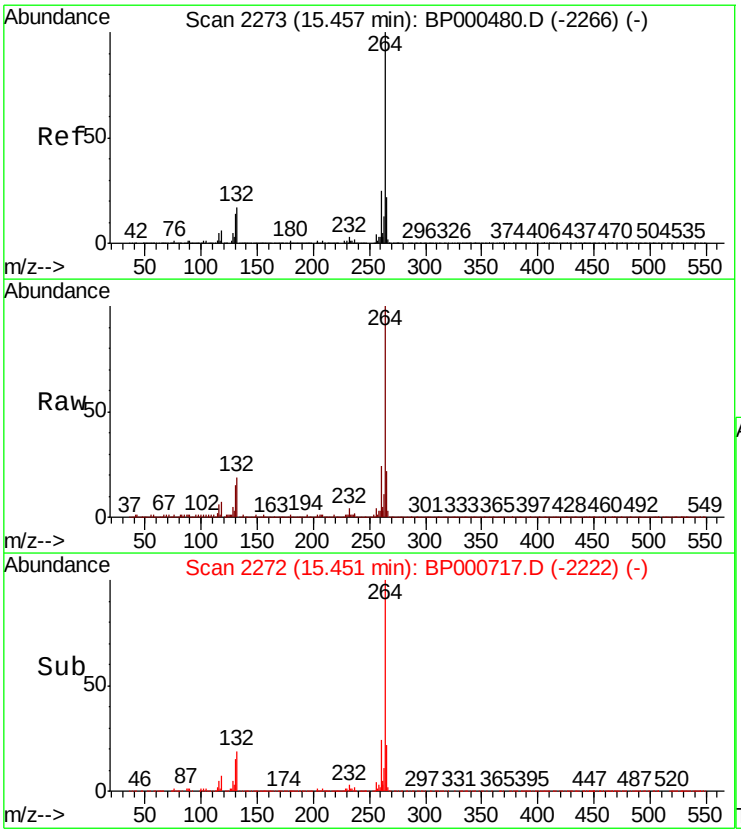

#84
Bis(2-ethylhexyl)phthalate
Concen: 3.380 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:149 Resp: 84880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 28.6 | 23.6 | 35.4 |
| 279 | 5.2 | 3.9 | 5.9 |

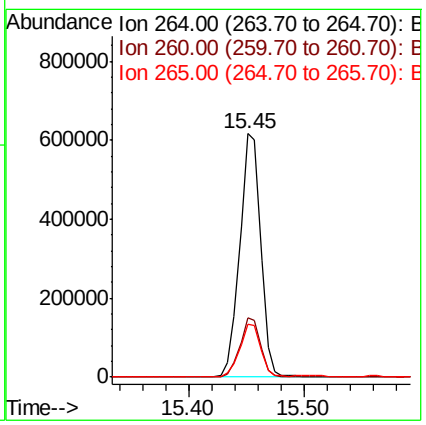


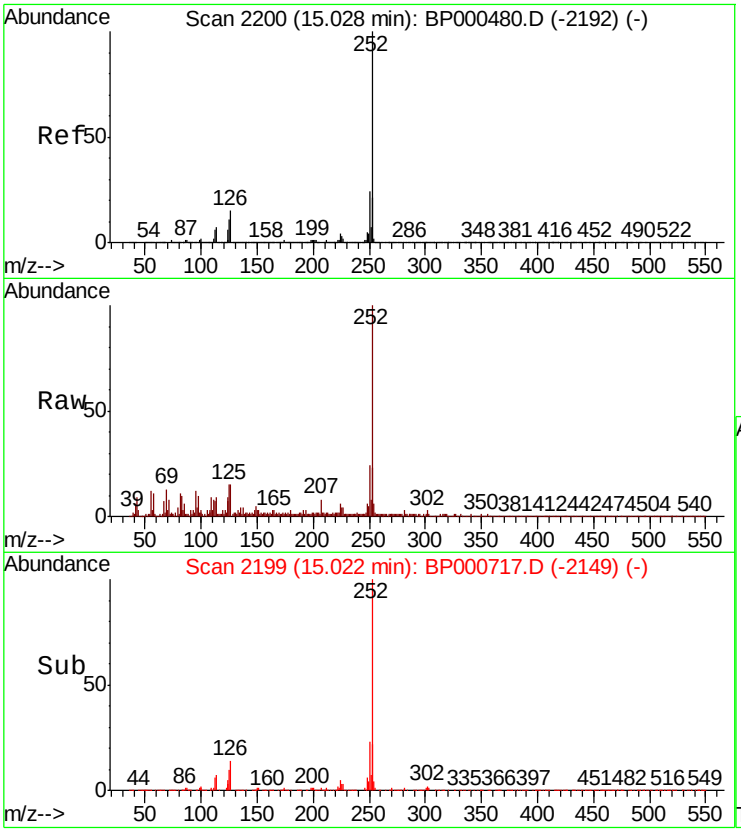




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:264 Resp: 775735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 20.3 | 30.5 |
| 265 | 21.7 | 18.0 | 27.0 |



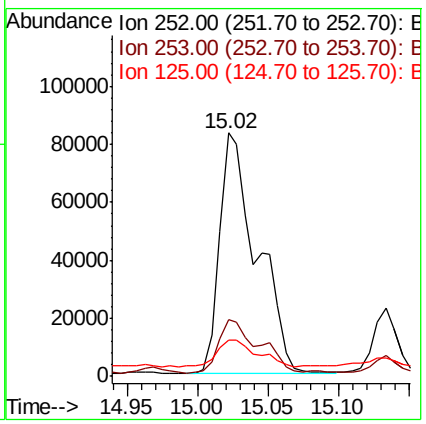


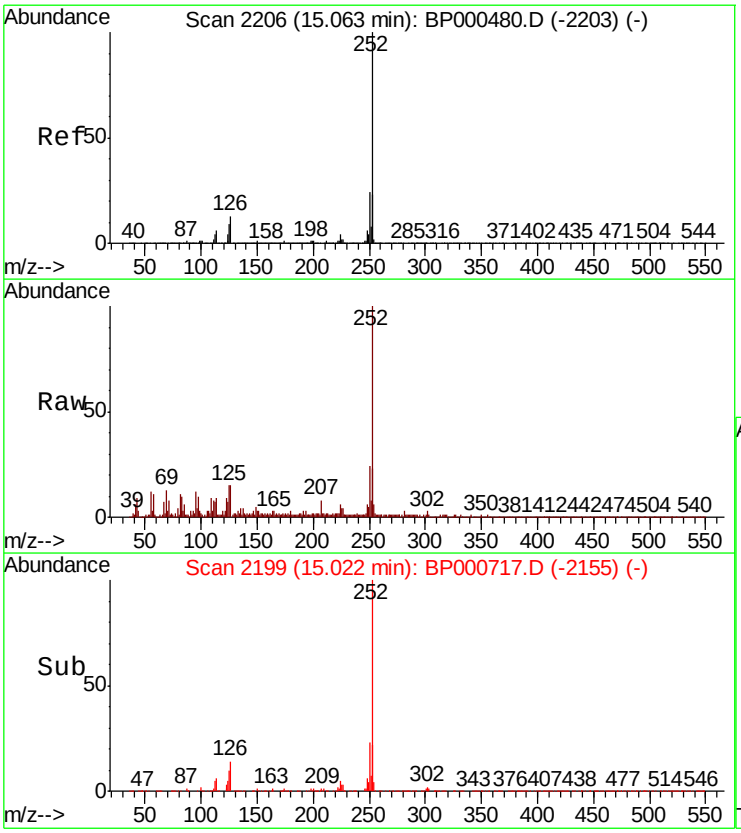

#88
Benzo(b)fluoranthene
Concen: 3.501 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:252 Resp: 154069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 17.0 | 25.4 |
| 125 | 14.9 | 8.9 | 13.3# |

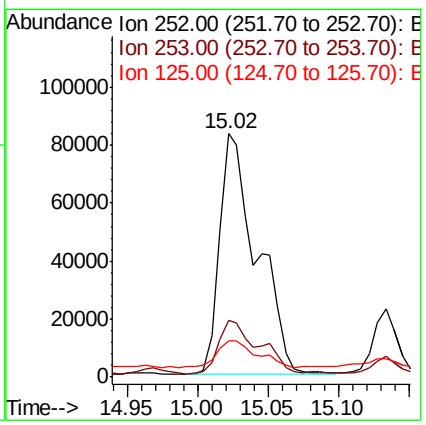


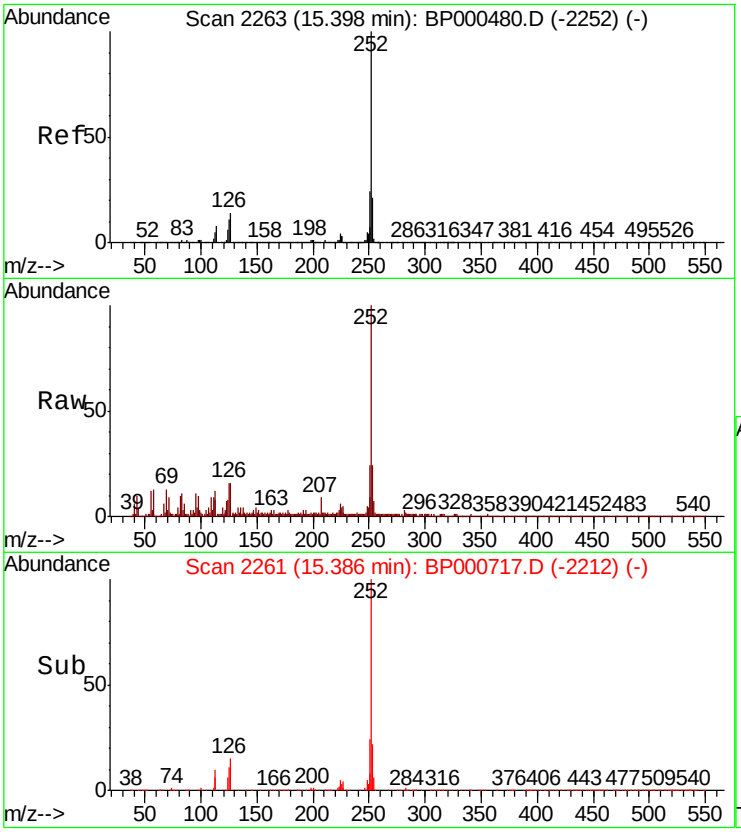




#89
Benzo(k)fluoranthene
Concen: 3.677 ng
RT: 15.02 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

Tgt Ion:252 Resp: 154069

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 18.4 | 27.6 |
| 125 | 14.9 | 7.8 | 11.8# |






#90
Benzo(a)pyrene
Concen: 2.248 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BP000717.D
Acq: 14 Oct 2019 17:55

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

Tgt Ion:252 Resp: 92206

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.7 | 17.0 | 25.6 |
| 125 | 15.6 | 8.4 | 12.6# |