Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
Data File : BP000628.D
Acq On : 10 Oct 2019 20:05
Operator : JU
Sample : K5285-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-1-S

Quant Time: Oct 11 02:29:25 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 | 272132 | 20.00 | ng | | -0.02 |
| 21) Naphthalene-d8 | 8.03 | 136 | 1010005 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 9.80 | 164 | 552042 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 11.29 | 188 | 984471 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 13.96 | 240 | 821657 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 15.43 | 264 | 915696 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.38 | 112 | 1383829 | 81.74 | ng | | -0.02 |
| 7) Phenol-d6 | 6.39 | 99 | 1753102 | 85.93 | ng | | -0.02 |
| 23) Nitrobenzene-d5 | 7.31 | 82 | 970460 | 58.68 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 10.59 | 330 | 466393 | 79.28 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 9.12 | 172 | 2010667 | 58.93 | ng | | -0.02 |
| 79) Terphenyl-d14 | 12.90 | 244 | 2288449 | 56.39 | ng | | -0.02 |
| **Target Compounds** | | | | | | | Qvalue |
| 10) Phenol | 6.40 | 94 | 63677 | 3.049 | ng | | 89 |
| 19) n-Nitroso-di-n-propylamine | 7.31 | 70 | 118911 | 12.645 | ng | # | 73 |
| 25) Isophorone | 7.31 | 82 | 970122 | 33.054 | ng | # | 61 |
| 41) Hexachlorocyclopentadiene | 8.90 | 237 | 36 | 7.302 | ng | # | 45 |
| 50) Dimethylphthalate | 9.51 | 163 | 382452 | 9.970 | ng | | 100 |
| 57) 2,4-Dinitrotoluene | 9.79 | 165 | 71504 | 6.447 | ng | # | 31 |
| 67) 4-Bromophenyl-phenylether | 10.59 | 248 | 32638 | 2.945 | ng | # | 1 |

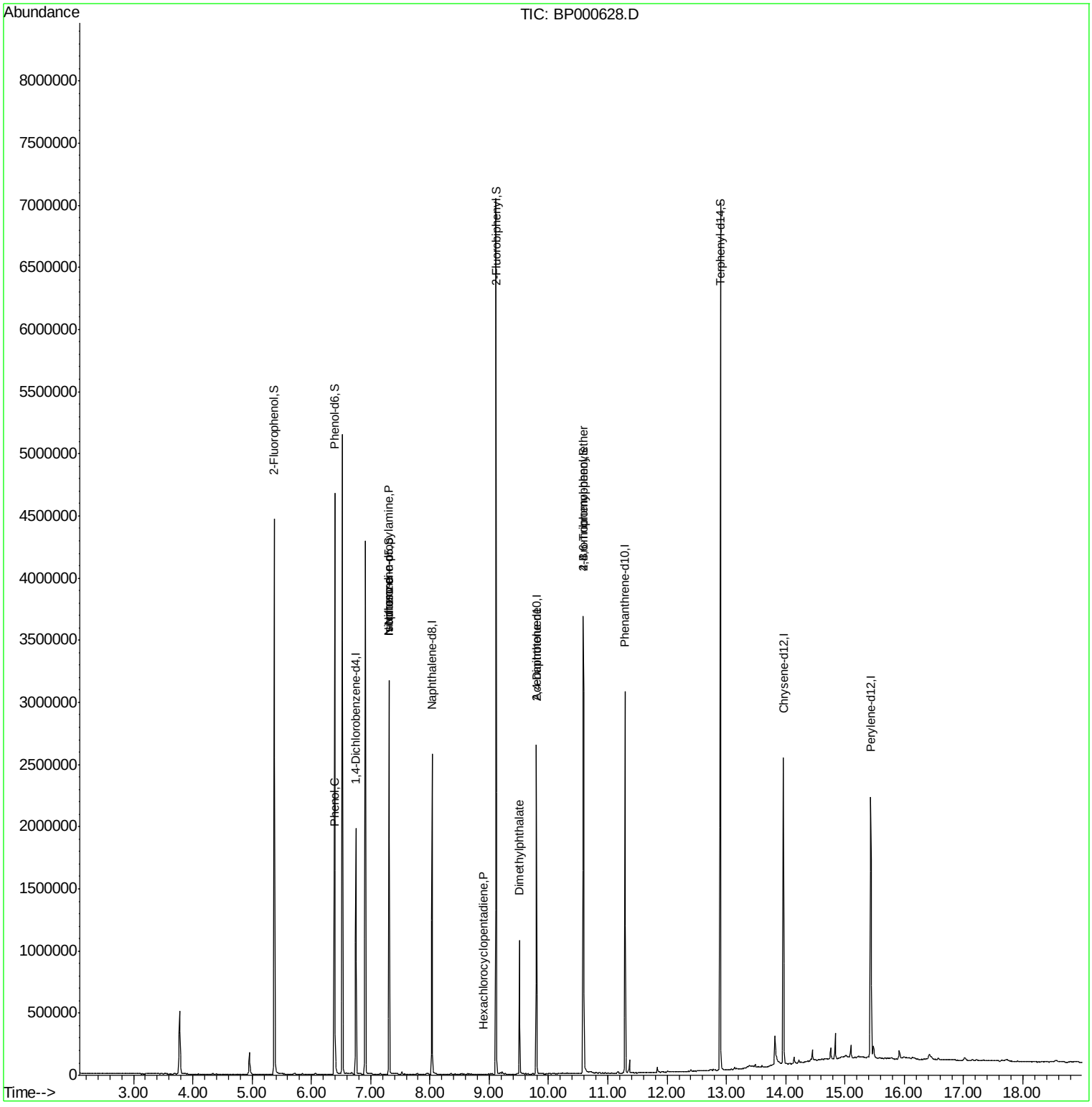
(#) = qualifier out of range (m) = manual integration (+) = signals summed

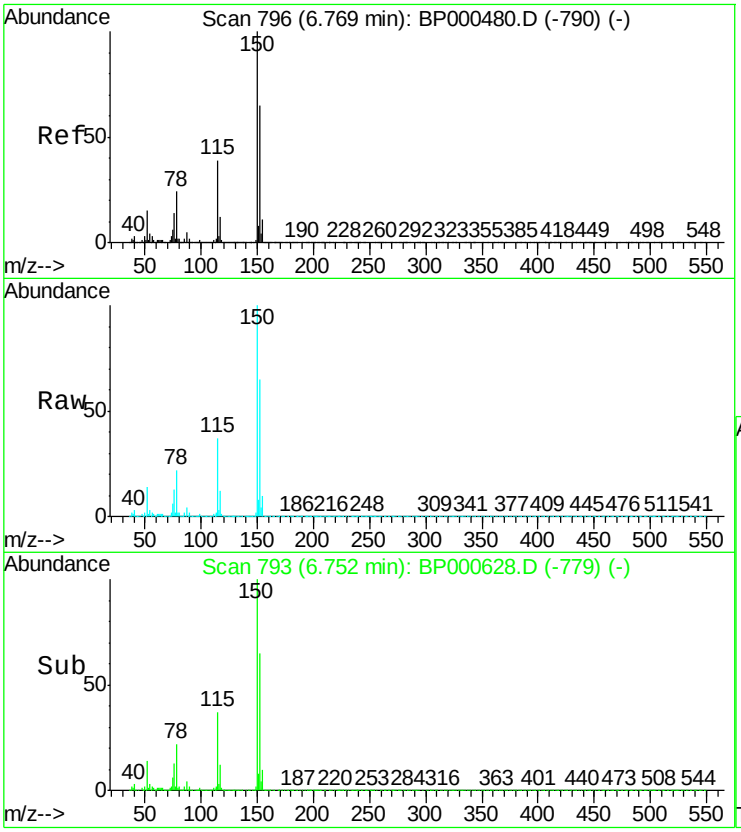
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
Data File : BP000628.D
Acq On : 10 Oct 2019 20:05
Operator : JU
Sample : K5285-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Quant Time: Oct 11 02:29:25 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



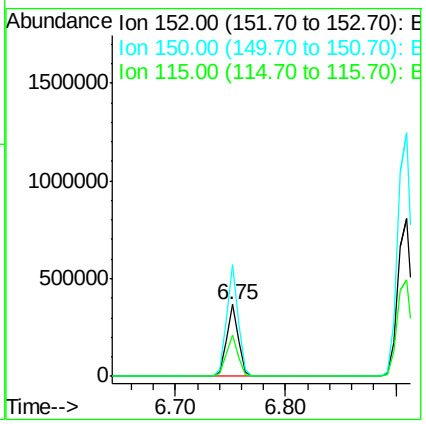


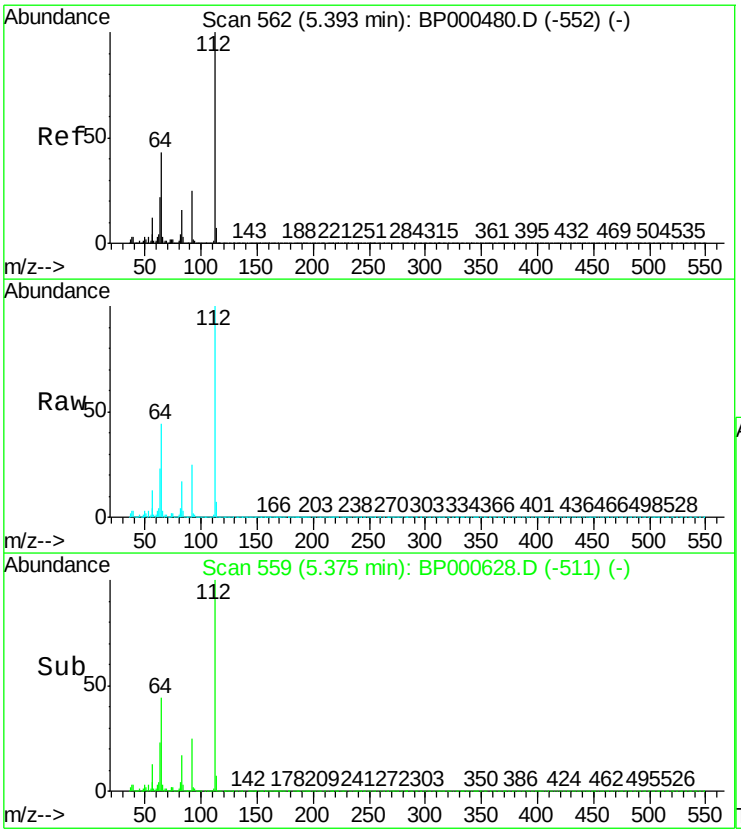

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion:152 Resp: 272132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.5 | 124.1 | 186.1 |
| 115 | 57.8 | 48.7 | 73.1 |

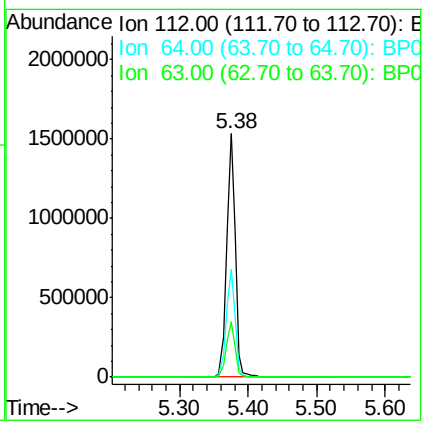


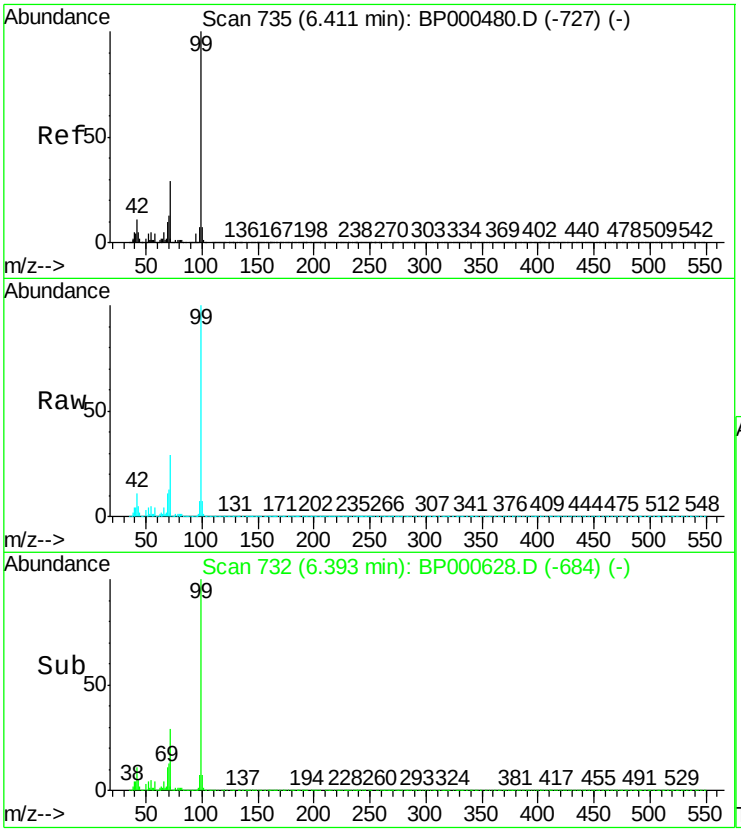




#5
2-Fluorophenol
Concen: 81.741 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion:112 Resp: 1383829

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 44.3 | 34.2 | 51.4 |
| 63 | 22.6 | 17.9 | 26.9 |



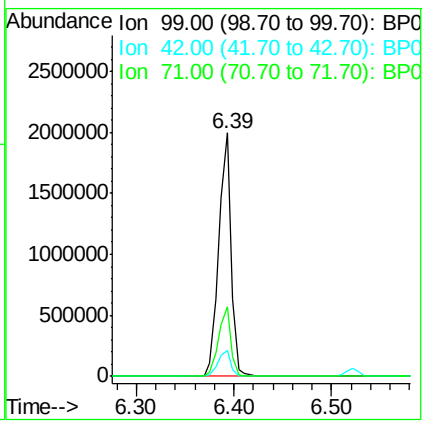


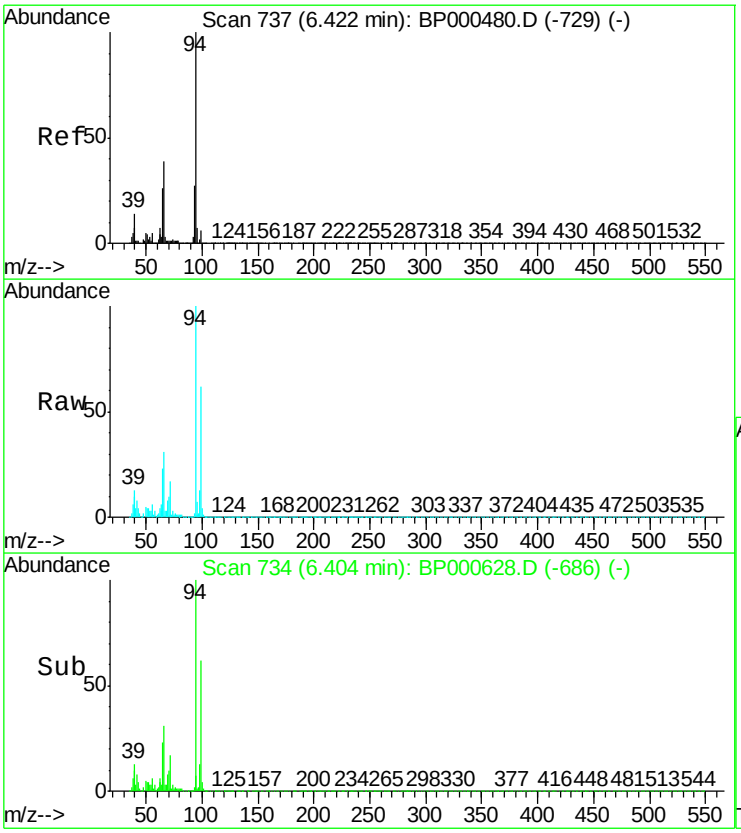

#7
Phenol-d6
Concen: 85.933 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion: 99 Resp: 1753102

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 10.8 | 8.6 | 12.8 |
| 71 | 28.6 | 23.0 | 34.4 |

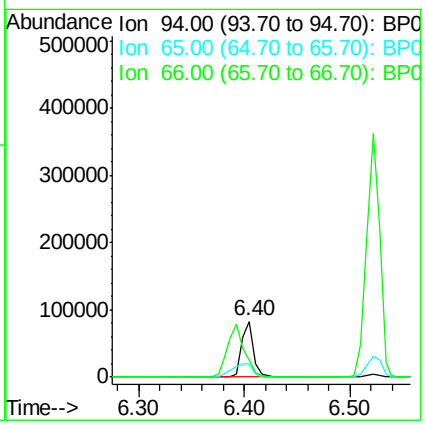


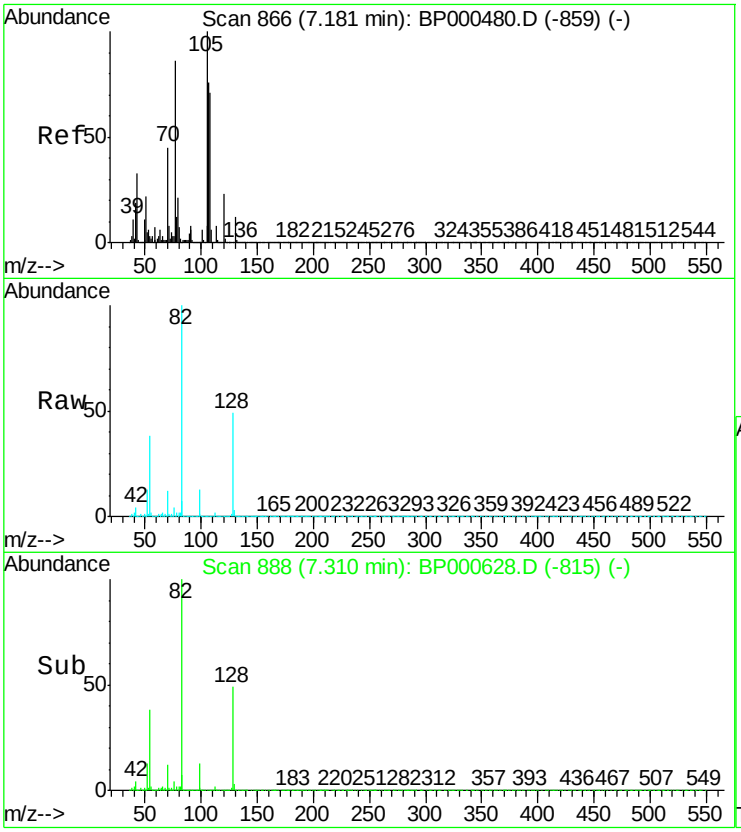




#10
Phenol
Concen: 3.049 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion: 94 Resp: 63677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 22.6 | 5.9 | 45.9 |
| 66 | 30.8 | 18.8 | 58.8 |



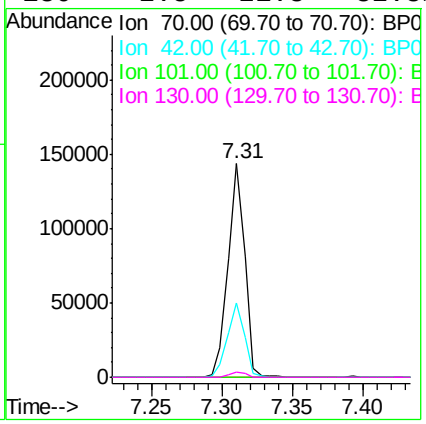


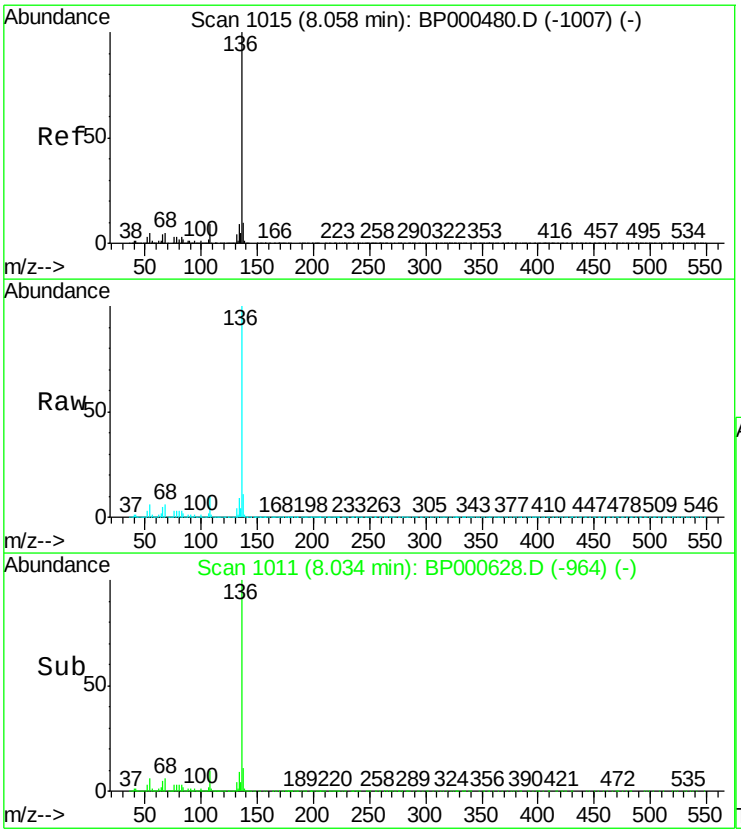

#19
n-Nitroso-di-n-propylamine
Concen: 12.645 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion: 70 Resp: 118911

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 34.5 | 33.2 | 49.8 |
| 101 | 0.0 | 9.9 | 14.9# |
| 130 | 2.5 | 21.8 | 32.8# |

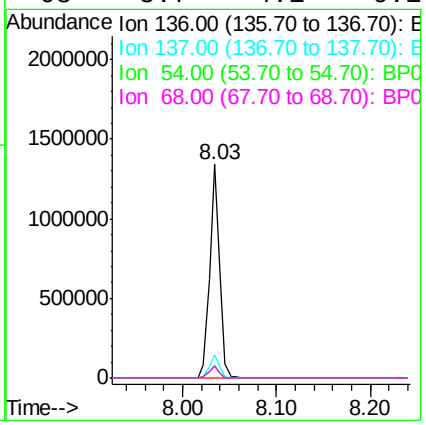


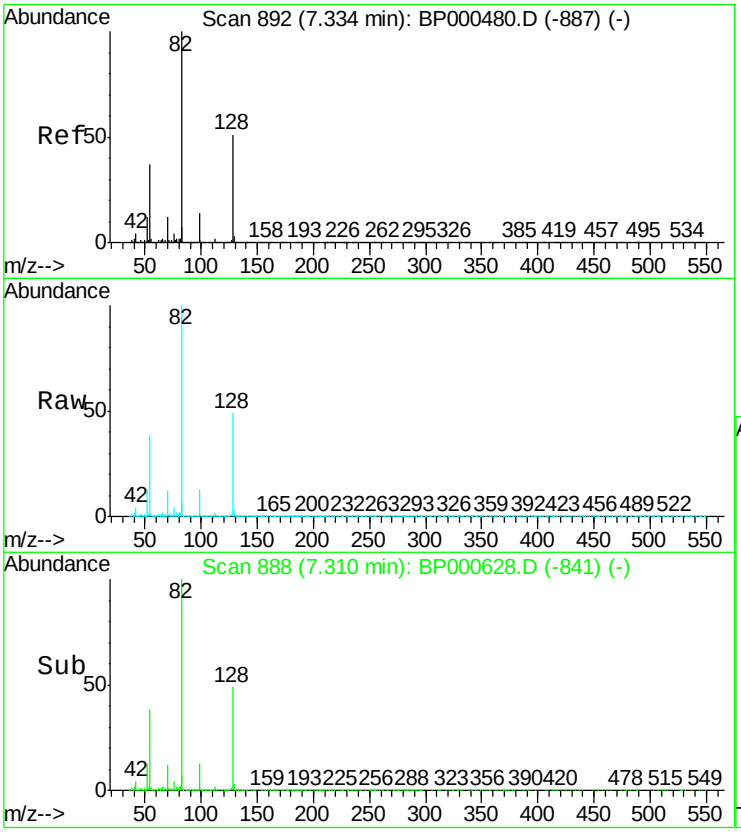




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion:136 Resp: 1010005

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.2 | 12.4 |
| 54 | 5.8 | 4.1 | 6.1 |
| 68 | 5.7 | 4.1 | 6.1 |



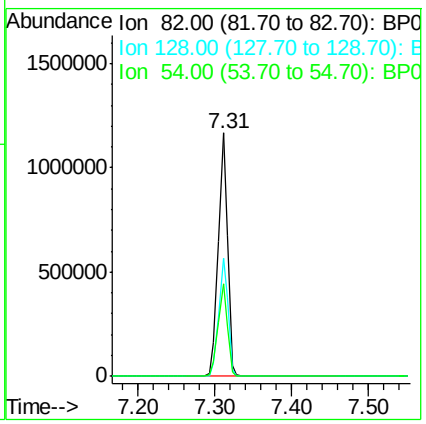


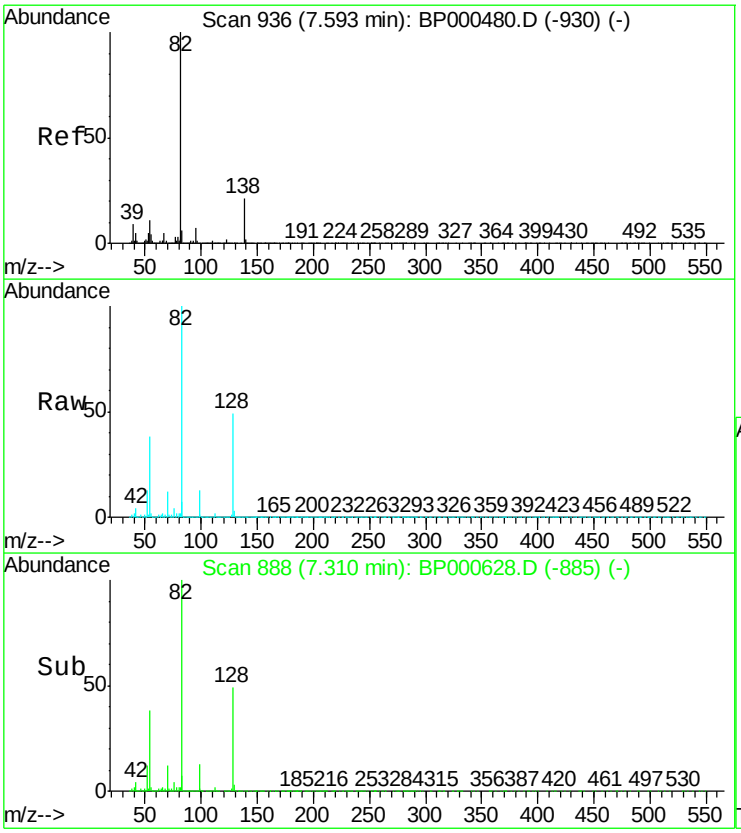

#23
Nitrobenzene-d5
Concen: 58.684 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion: 82 Resp: 970460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.7 | 40.9 | 61.3 |
| 54 | 38.3 | 29.4 | 44.2 |

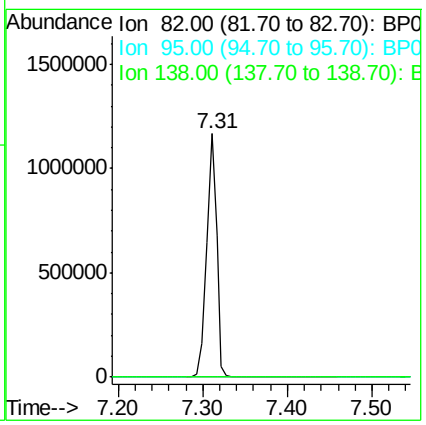


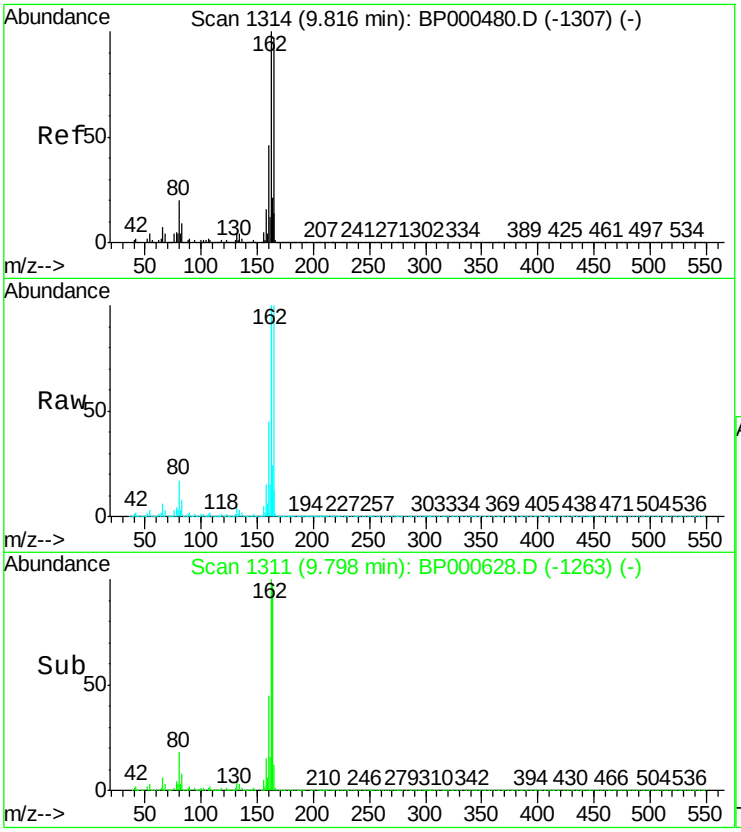




#25
Isophorone
Concen: 33.054 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion: 82 Resp: 970122

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



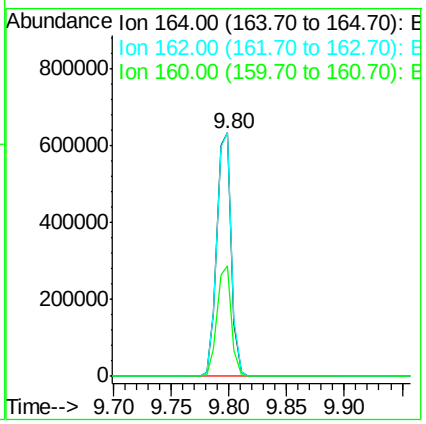


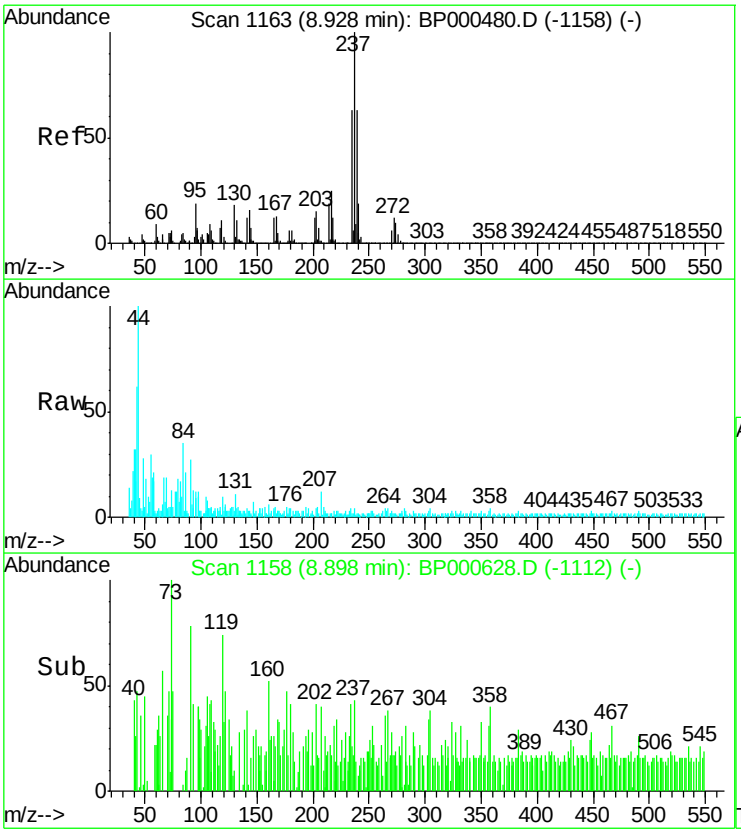

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion:164 Resp: 552042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.9 | 82.2 | 123.2 |
| 160 | 45.3 | 37.6 | 56.4 |

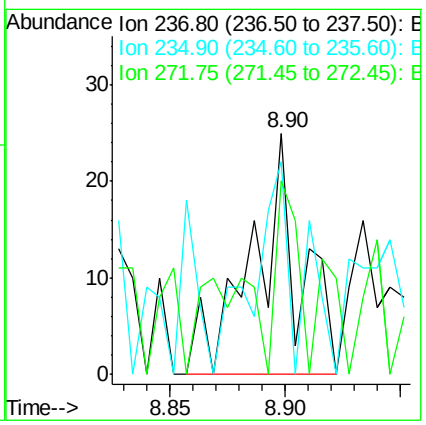


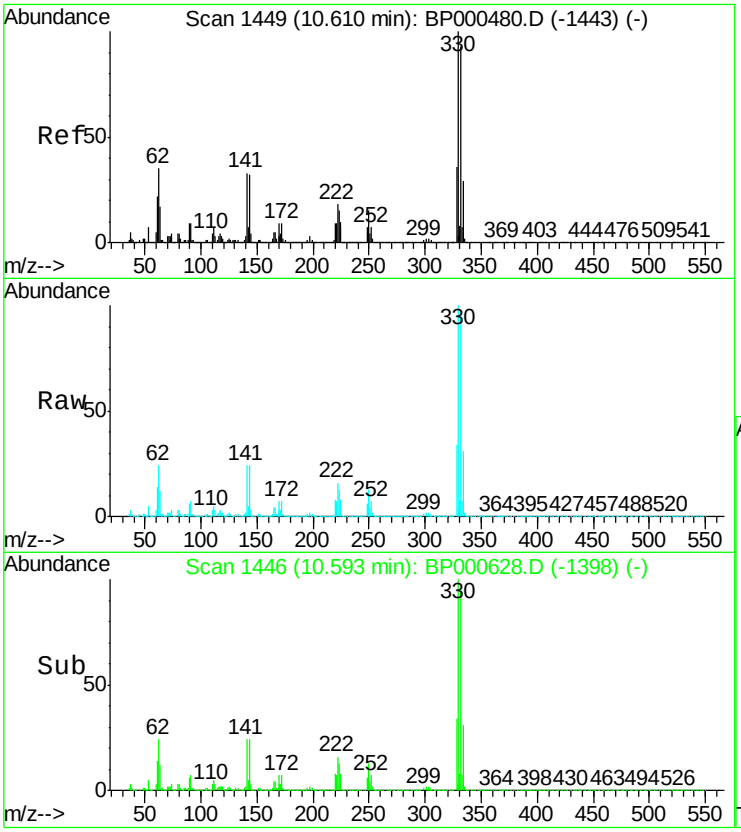




#41
Hexachlorocyclopentadiene
Concen: 7.302 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion:237 Resp: 36

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 88.0 | 42.9 | 82.9# |
| 272 | 80.0 | 0.0 | 32.4# |



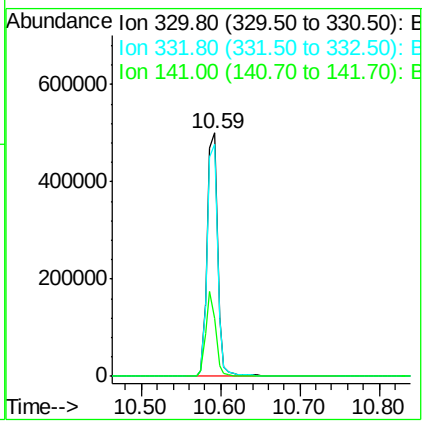


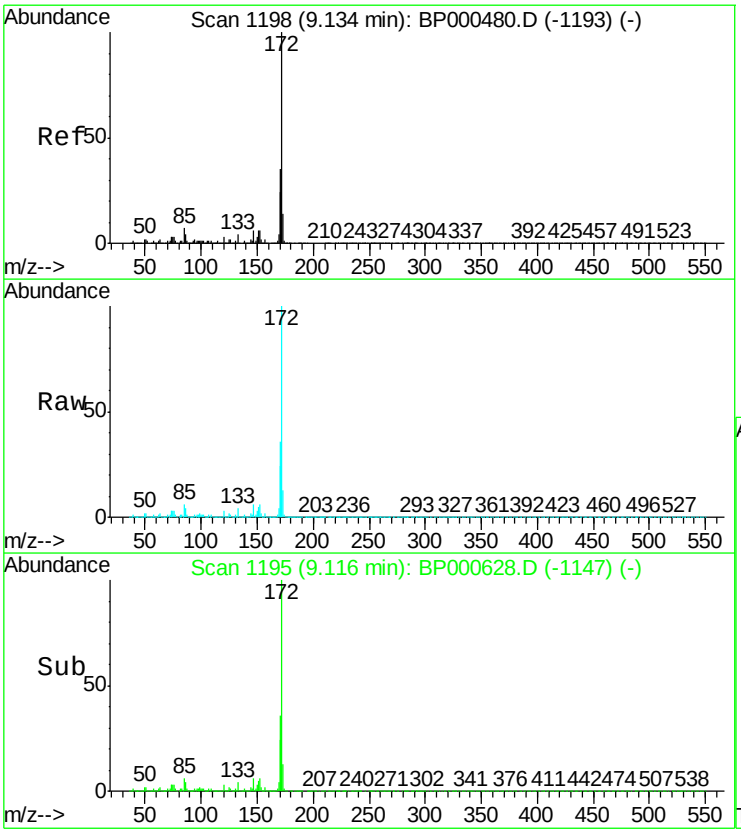

#42
2,4,6-Tribromophenol
Concen: 79.283 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion:330 Resp: 466393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.1 | 77.1 | 115.7 |
| 141 | 33.1 | 26.0 | 39.0 |

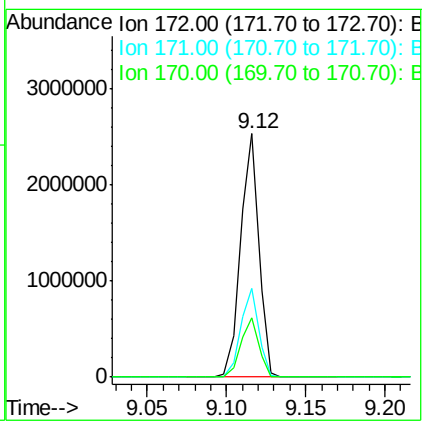


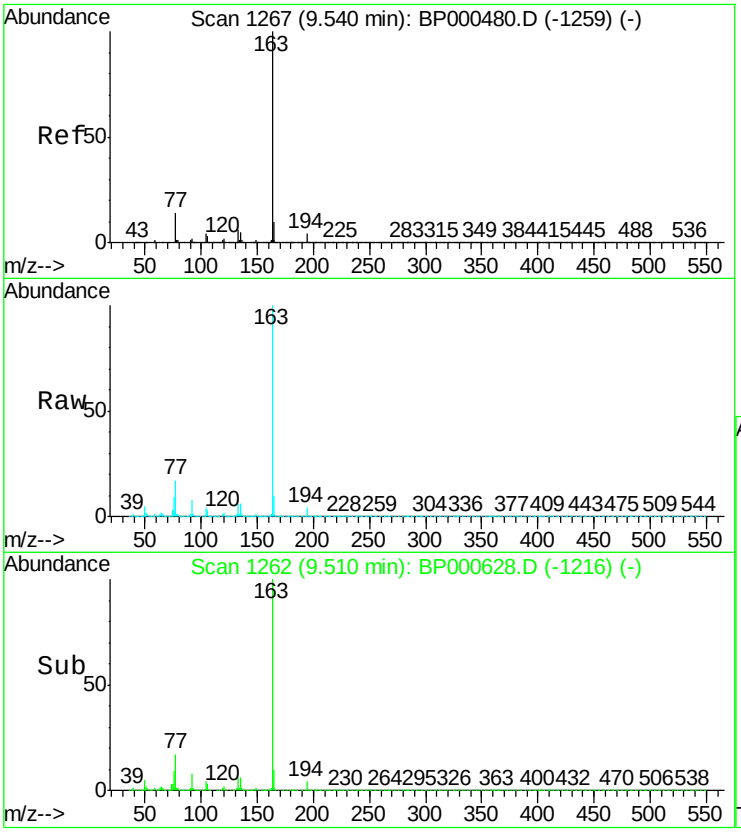




#45
2-Fluorobiphenyl
Concen: 58.931 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion:172 Resp: 2010667

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 28.4 | 42.6 |
| 170 | 24.1 | 19.1 | 28.7 |



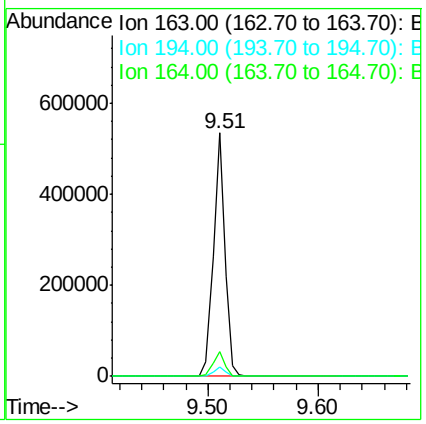


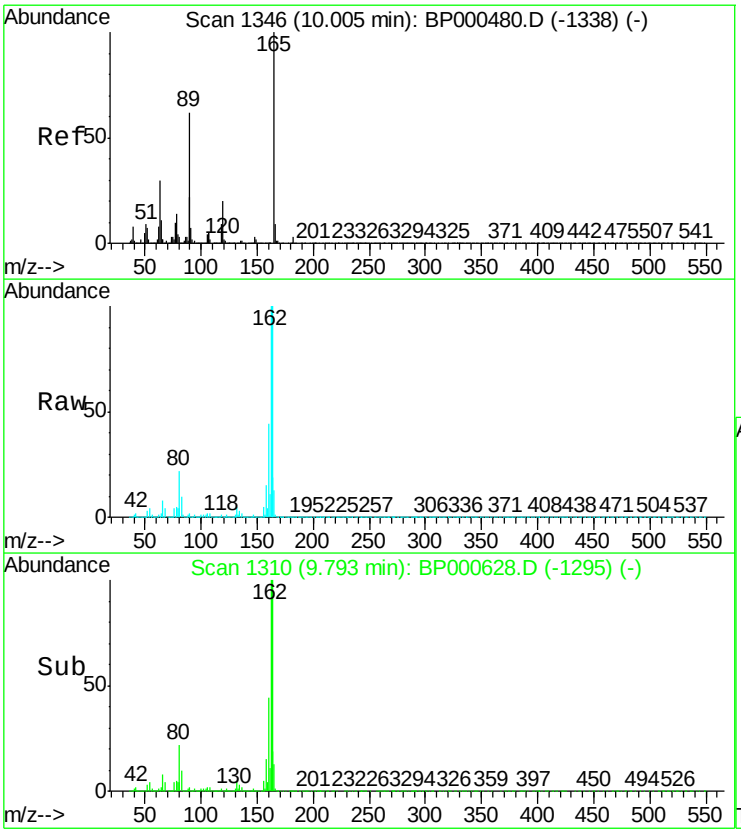

#50
Dimethylphthalate
Concen: 9.970 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion:163 Resp: 382452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.4 | 5.2 |
| 164 | 9.9 | 8.0 | 12.0 |

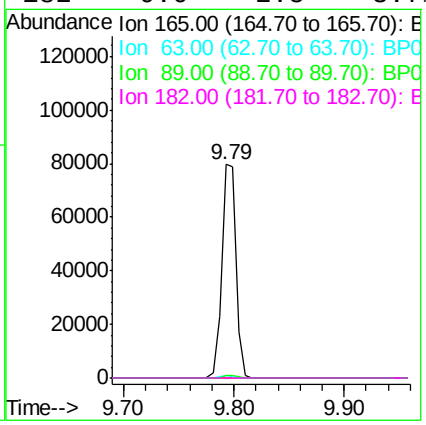


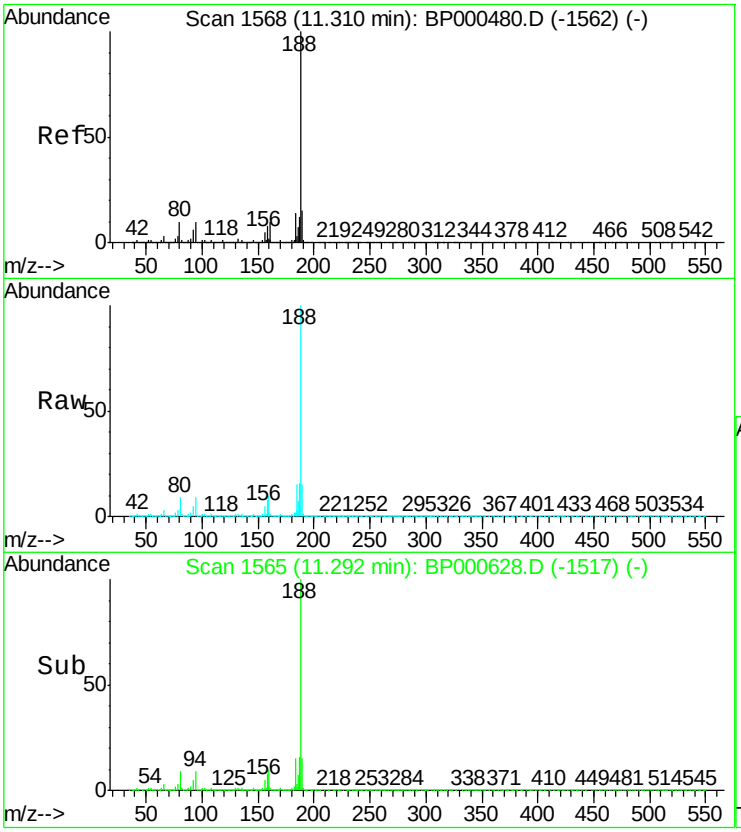




#57
2,4-Dinitrotoluene
Concen: 6.447 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion:165 Resp: 71504

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.9 | 24.2 | 36.4# |
| 89 | 1.1 | 49.4 | 74.0# |
| 182 | 0.0 | 2.5 | 3.7# |



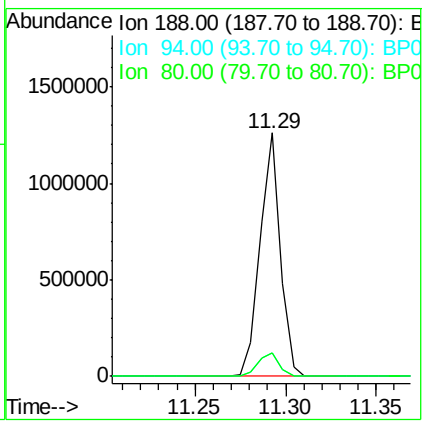


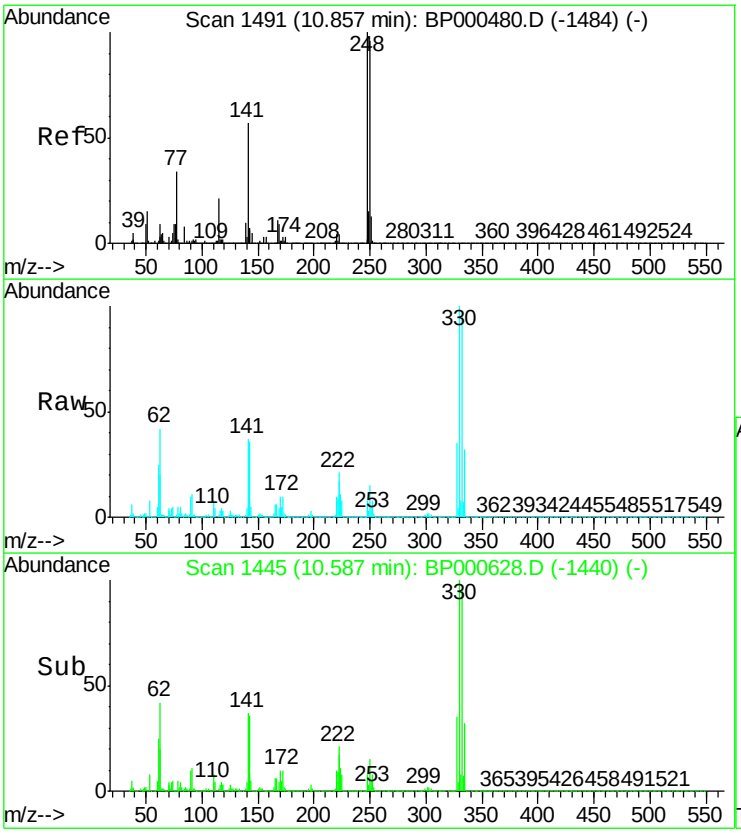

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion:188 Resp: 984471

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.4 | 8.2 | 12.2 |
| 80 | 9.4 | 8.3 | 12.5 |

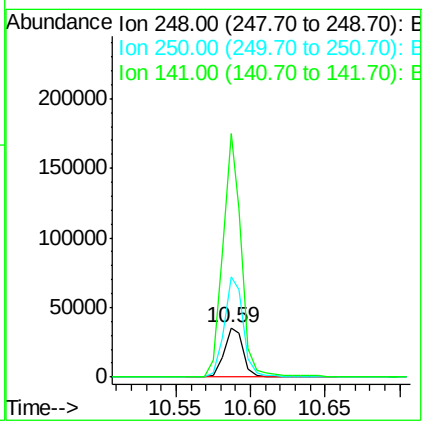


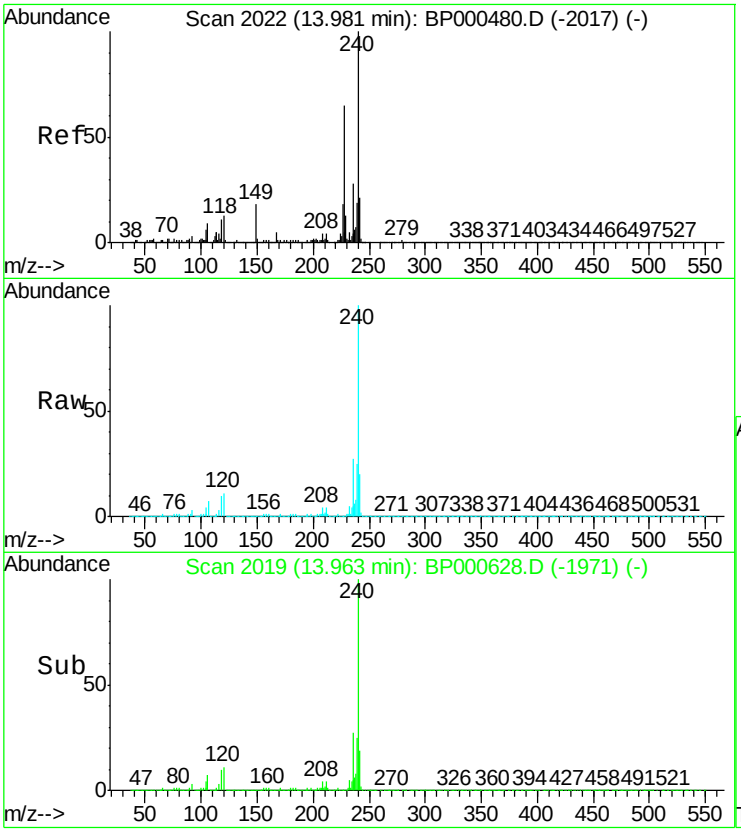




#67
4-Bromophenyl-phenylether
Concen: 2.945 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.27 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion:248 Resp: 32638

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 200.9 | 77.2 | 115.8# |
| 141 | 490.9 | 45.3 | 67.9# |



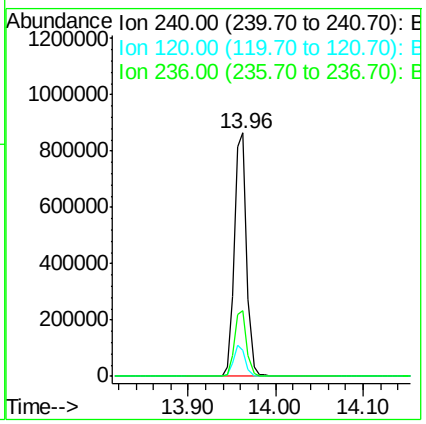


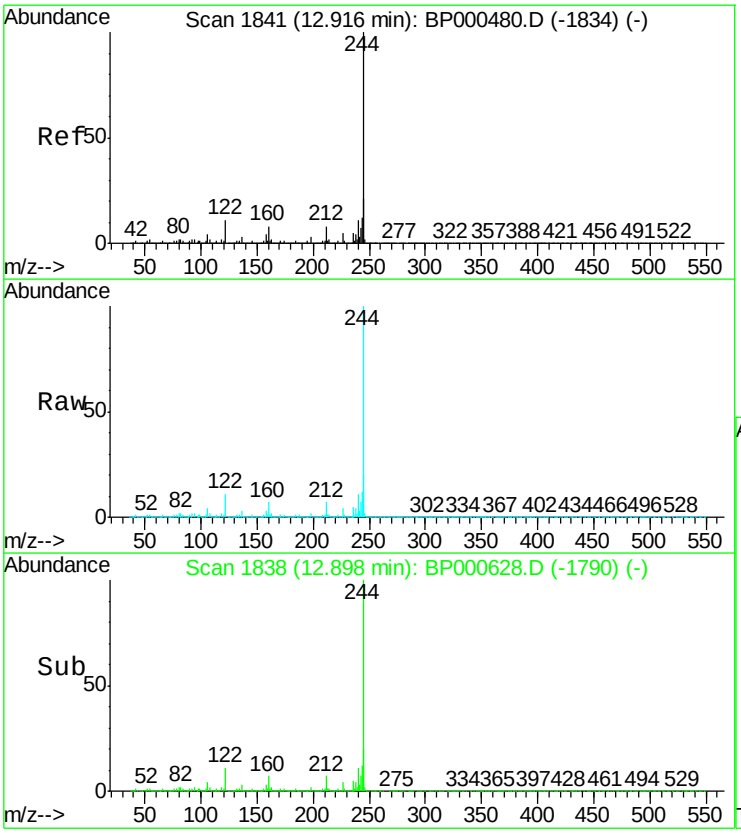

#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion:240 Resp: 821657

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 10.1 | 15.1 |
| 236 | 26.9 | 22.7 | 34.1 |

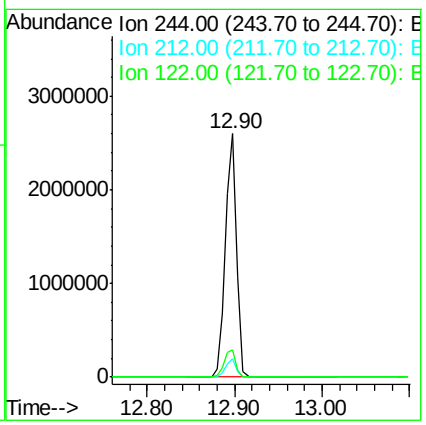


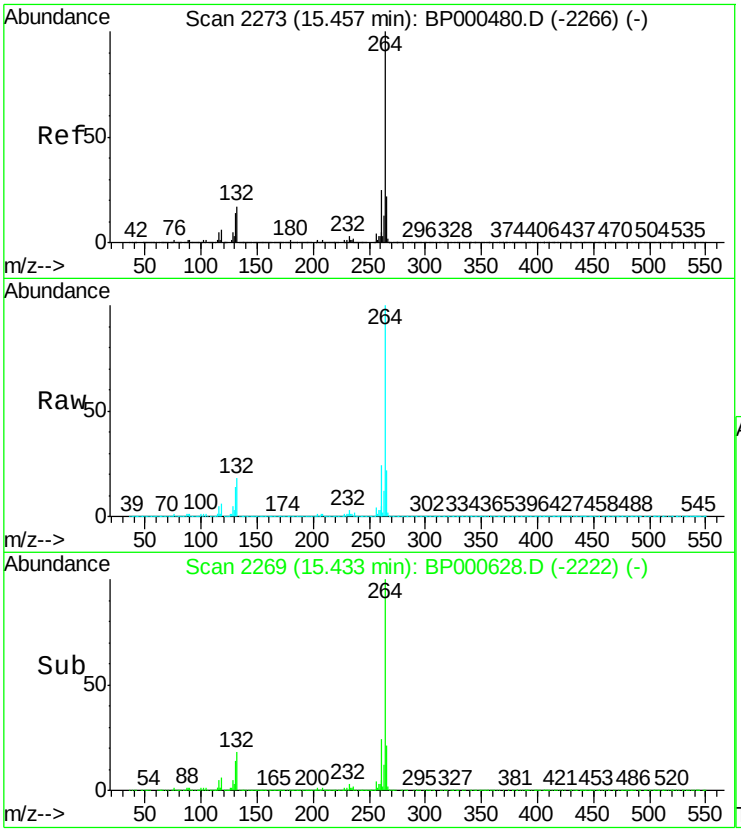




#79
Terphenyl-d14
Concen: 56.392 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

Tgt Ion:244 Resp: 2288449

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 6.0 | 9.0 |
| 122 | 11.1 | 8.9 | 13.3 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BP000628.D
Acq: 10 Oct 2019 20:05

**Instrument :**
BNA_P
**ClientSampleId :**
TP-1-S

Tgt Ion:264 Resp: 915696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 20.3 | 30.5 |
| 265 | 21.5 | 18.0 | 27.0 |