Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001031.D
Acq On : 11 Nov 2019 22:39
Operator : JU
Sample : K5778-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** TP-35-S

Quant Time: Nov 12 06:45:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.38 | 152 | 237826 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.40 | 136 | 857201 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 13.26 | 164 | 494936 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 15.66 | 188 | 977649 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 19.29 | 240 | 806239 | 20.00 | ng | 0.00 |
| 87) Perylene-d12 | 21.08 | 264 | 827565 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 6.31 | 112 | 1265598 | 96.86 | ng | 0.01 |
| 7) Phenol-d6 | 7.82 | 99 | 1652952 | 100.04 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.25 | 82 | 1028481 | 66.37 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 14.56 | 330 | 620782 | 105.07 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.18 | 172 | 2116541 | 64.41 | ng | 0.00 |
| 79) Terphenyl-d14 | 17.94 | 244 | 2588336 | 63.86 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 10) Phenol | 7.83 | 94 | 103473 | 5.725 | ng | 95 |
| 50) Dimethylphthalate | 12.85 | 163 | 145035 | 3.963 | ng | 100 |
| 78) Pyrene | 17.70 | 202 | 138317 | 2.428 | ng | 99 |
| 88) Benzo(b)fluoranthene | 20.58 | 252 | 122913 | 2.492 | ng | 95 |
| 90) Benzo(a)pyrene | 21.00 | 252 | 95264 | 2.100 | ng | 97 |

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
Data File : BP001031.D
Acq On : 11 Nov 2019 22:39
Operator : JU
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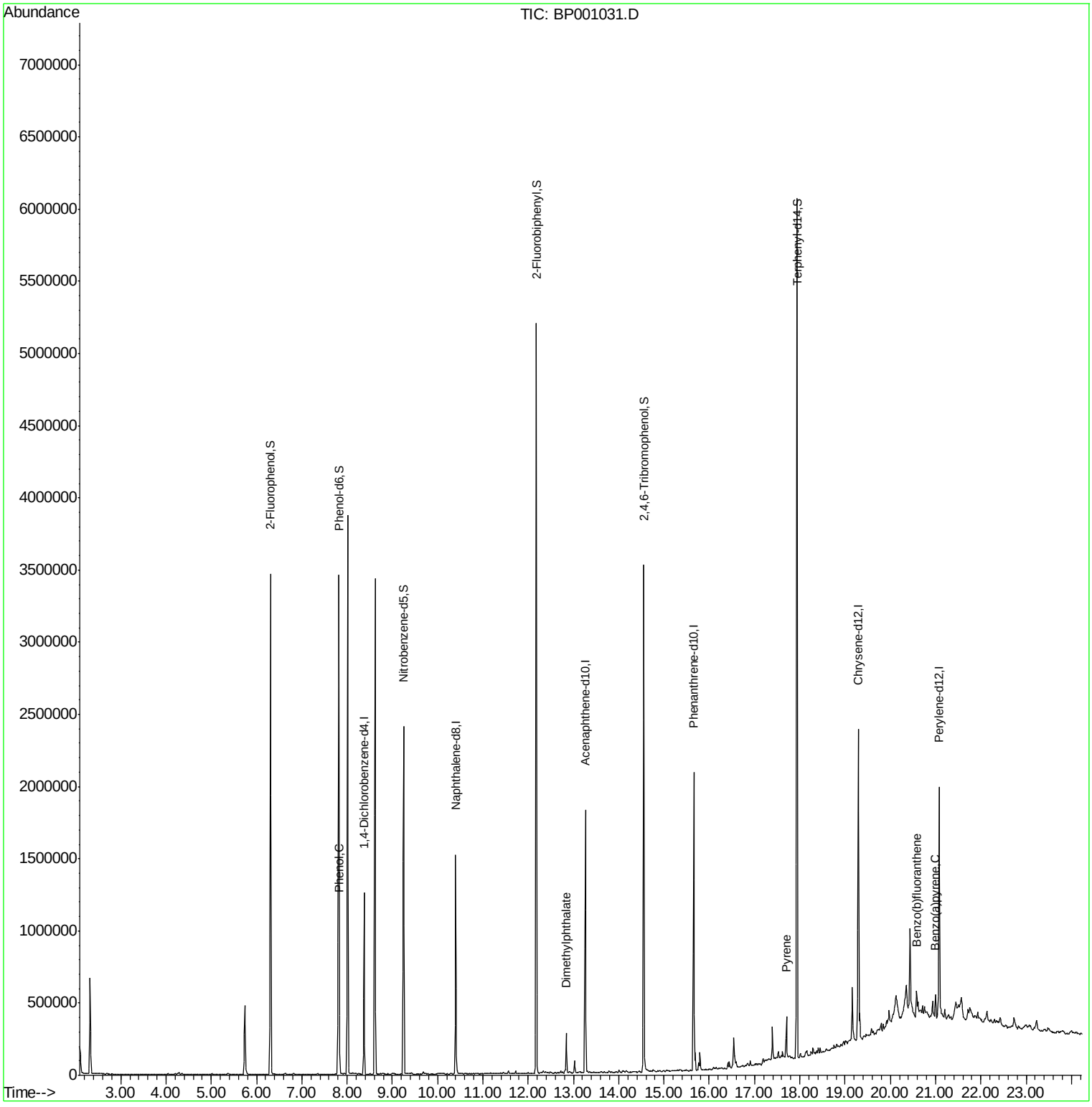
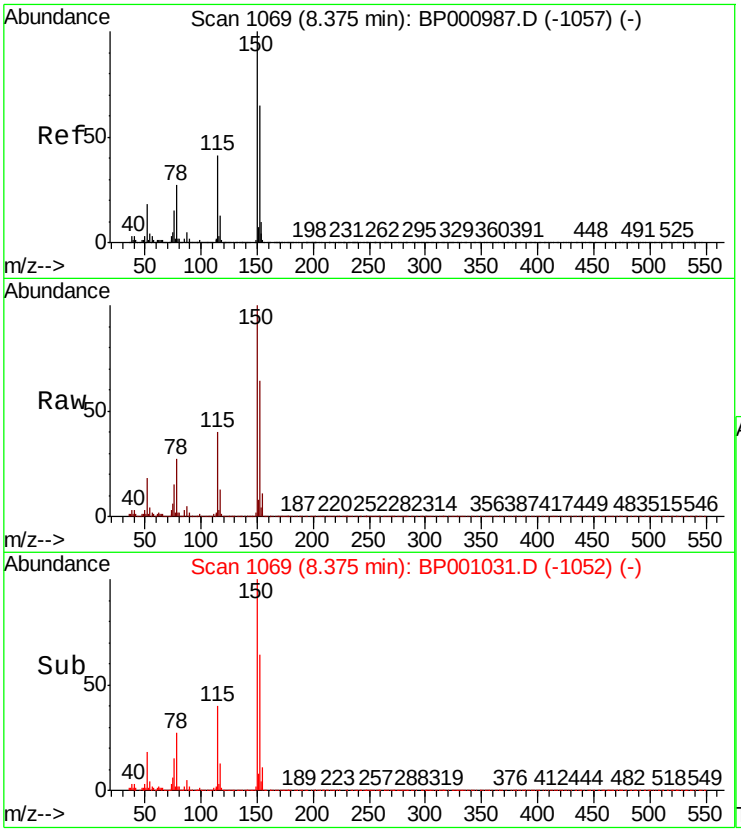
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Quant Time: Nov 12 06:45:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 06 17:07:13 2019
Response via : Initial Calibration



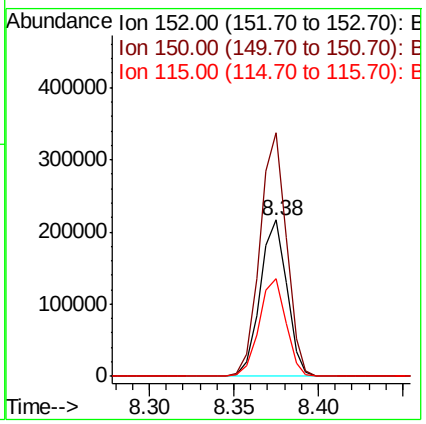


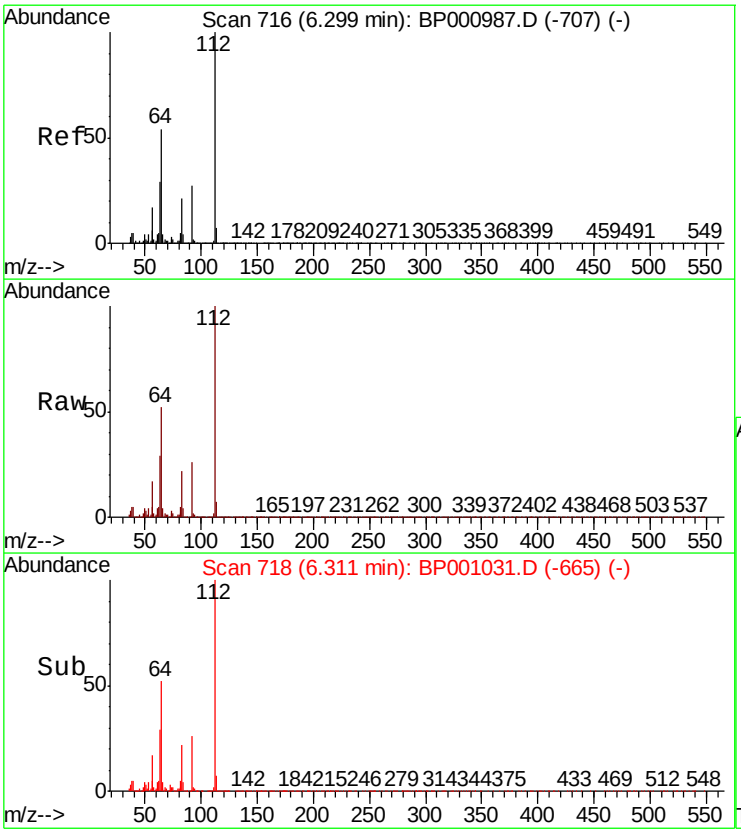

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.38 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion:152 Resp: 237826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.6 | 123.6 | 185.4 |
| 115 | 62.3 | 50.1 | 75.1 |

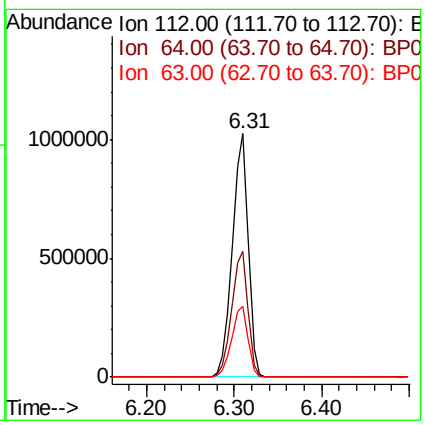


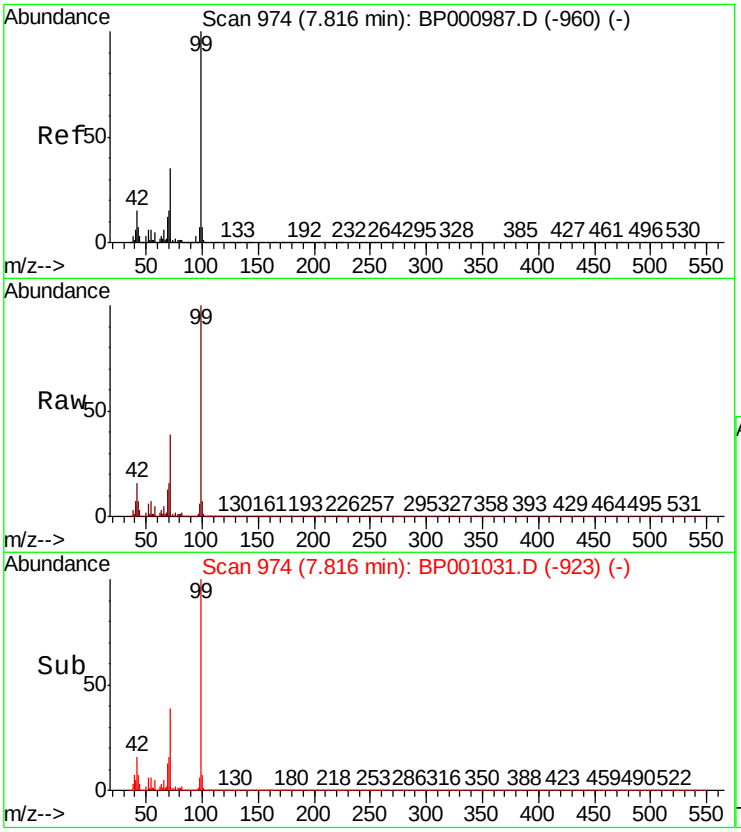




#5
2-Fluorophenol
Concen: 96.861 ng
RT: 6.31 min Scan# 718
Delta R.T. 0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

Tgt Ion:112 Resp: 1265598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 51.8 | 43.4 | 65.0 |
| 63 | 29.3 | 23.4 | 35.0 |



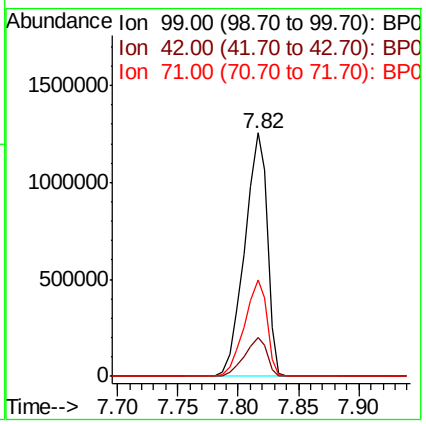


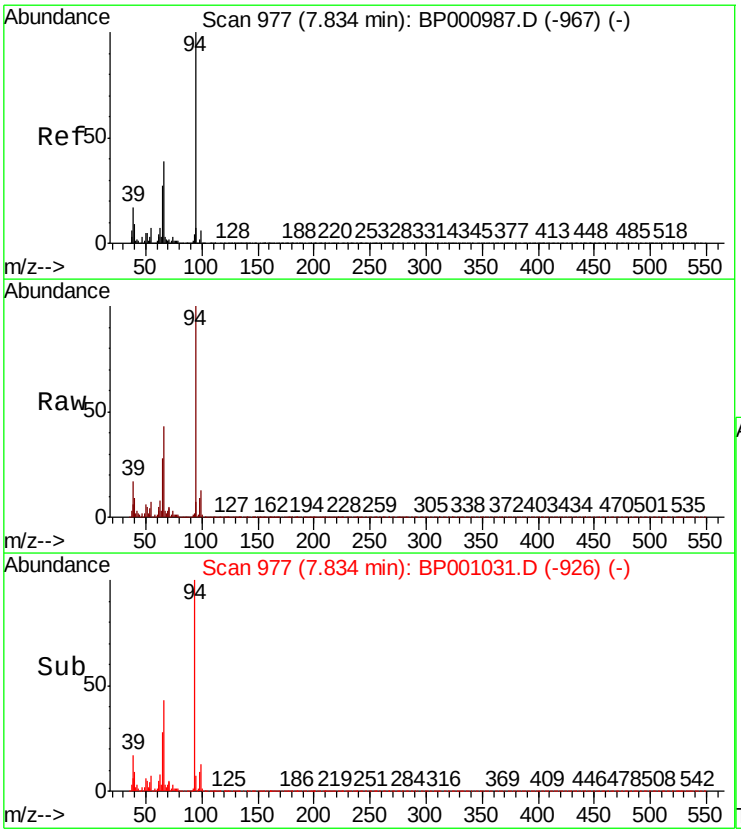

#7
Phenol-d6
Concen: 100.040 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion: 99 Resp: 1652952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 11.6 | 17.4 |
| 71 | 39.4 | 28.0 | 42.0 |

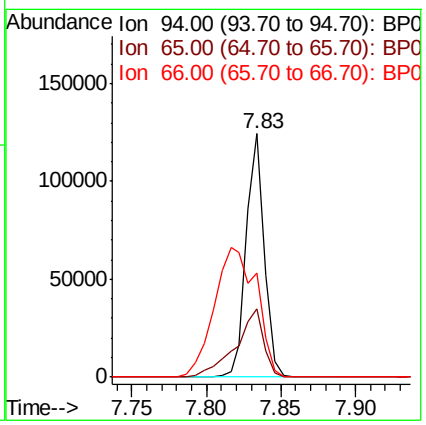


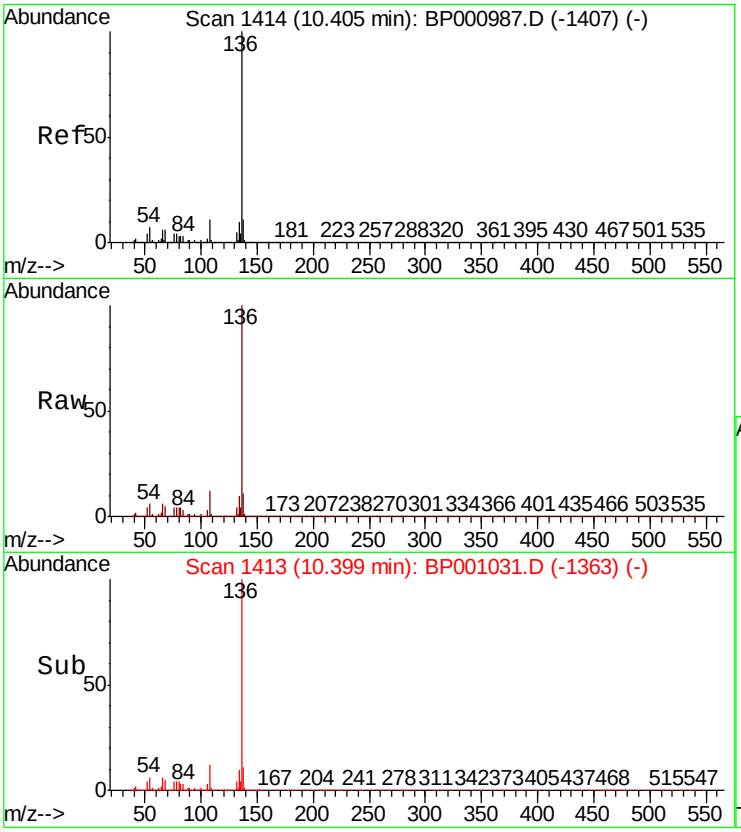




#10
Phenol
Concen: 5.725 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

Tgt Ion: 94 Resp: 103473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 28.2 | 6.7 | 46.7 |
| 66 | 42.7 | 18.6 | 58.6 |



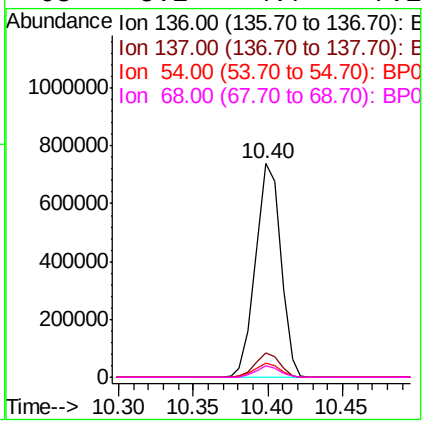


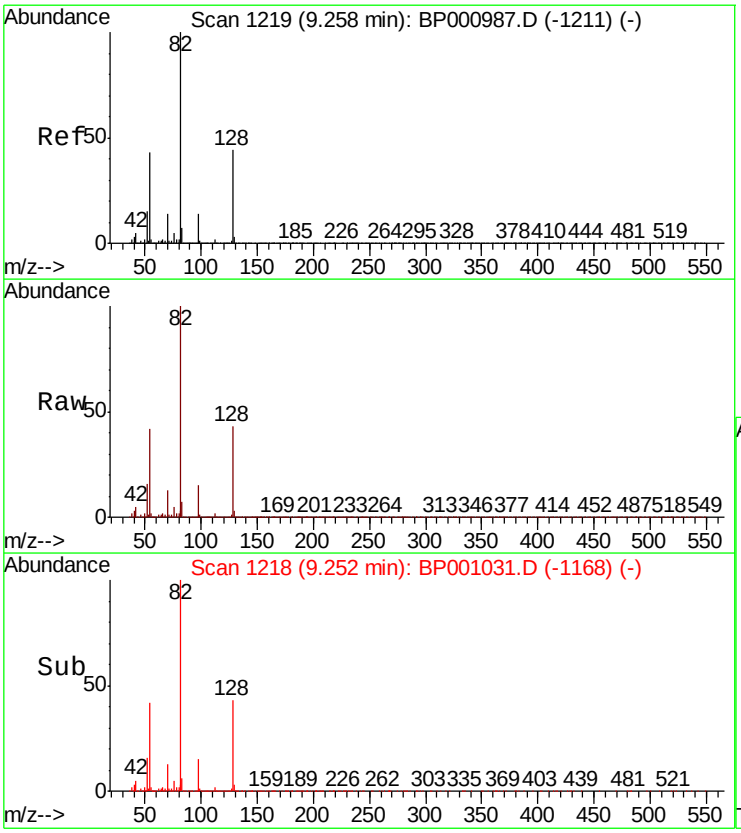

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion:136 Resp: 857201

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.0 | 13.6 |
| 54 | 6.4 | 5.4 | 8.2 |
| 68 | 5.2 | 4.7 | 7.1 |

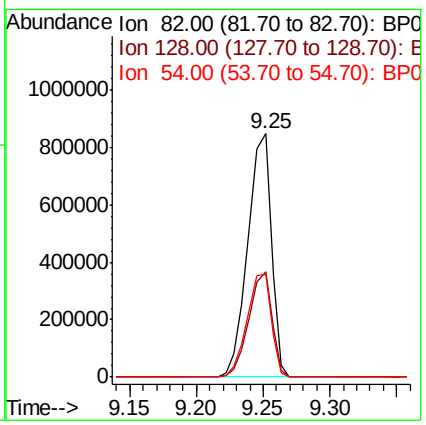


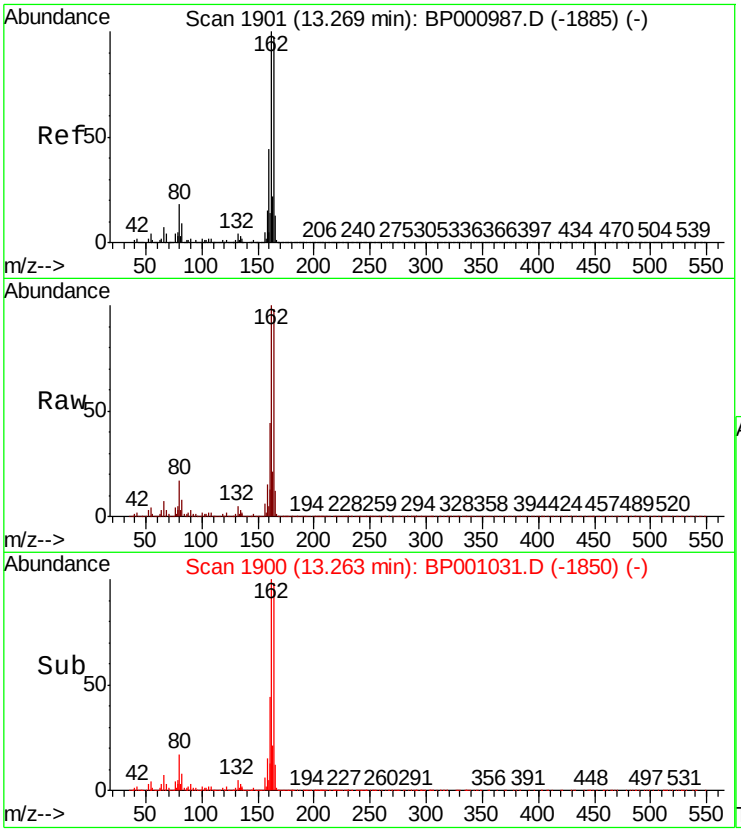




#23
Nitrobenzene-d5
Concen: 66.370 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

Tgt Ion: 82 Resp: 1028481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.3 | 35.3 | 52.9 |
| 54 | 42.4 | 34.3 | 51.5 |



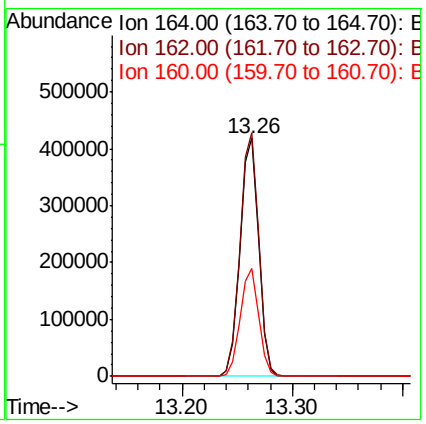


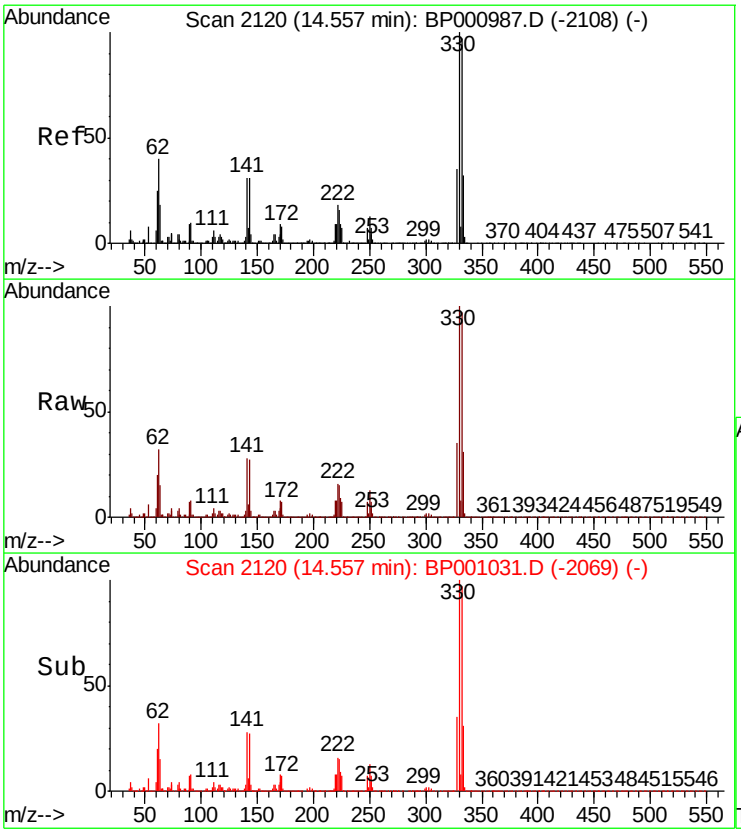

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion:164 Resp: 494936

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 82.6 | 123.8 |
| 160 | 45.3 | 36.5 | 54.7 |

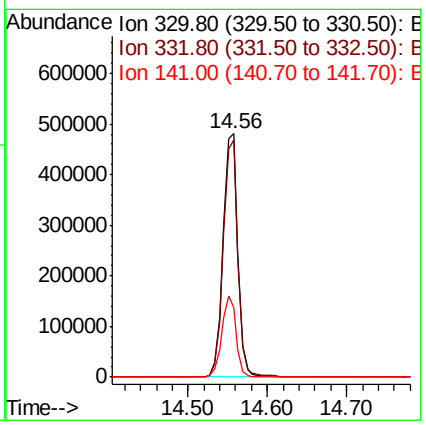


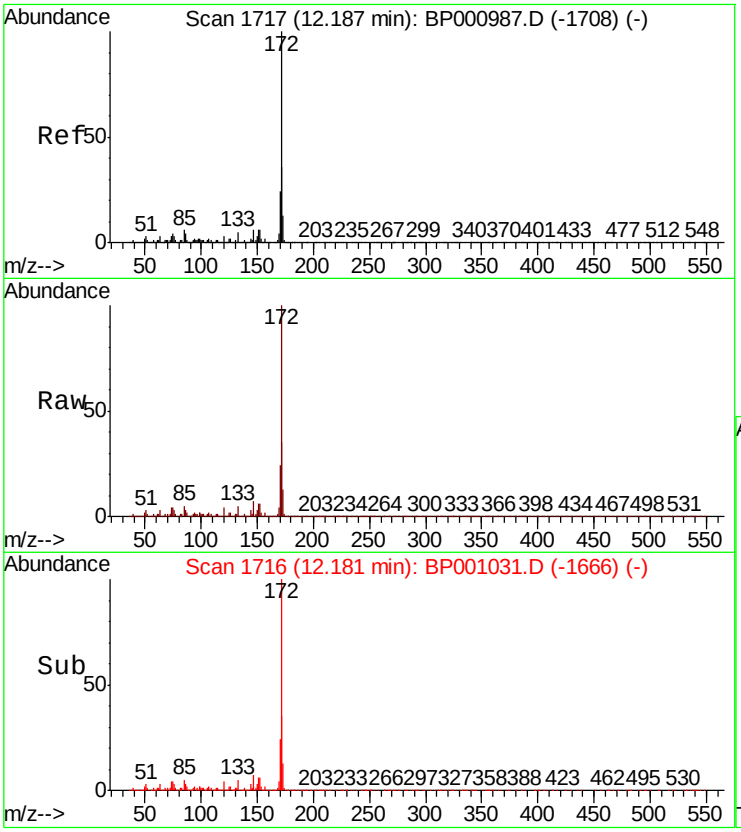




#42
2,4,6-Tribromophenol
Concen: 105.068 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

Tgt Ion:330 Resp: 620782

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 78.3 | 117.5 |
| 141 | 31.9 | 25.0 | 37.4 |



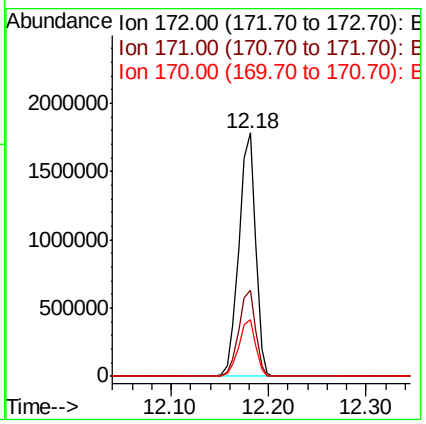


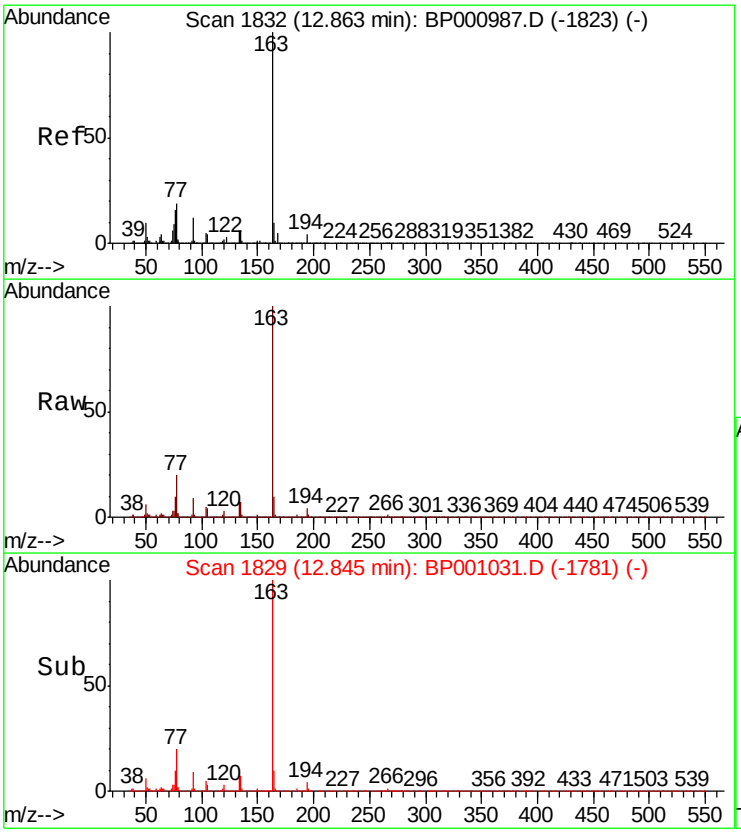

#45
2-Fluorobiphenyl
Concen: 64.406 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion:172 Resp: 2116541

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.5 | 28.5 | 42.7 |
| 170 | 23.5 | 18.9 | 28.3 |

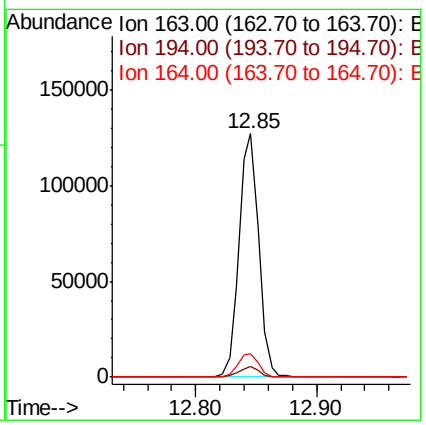


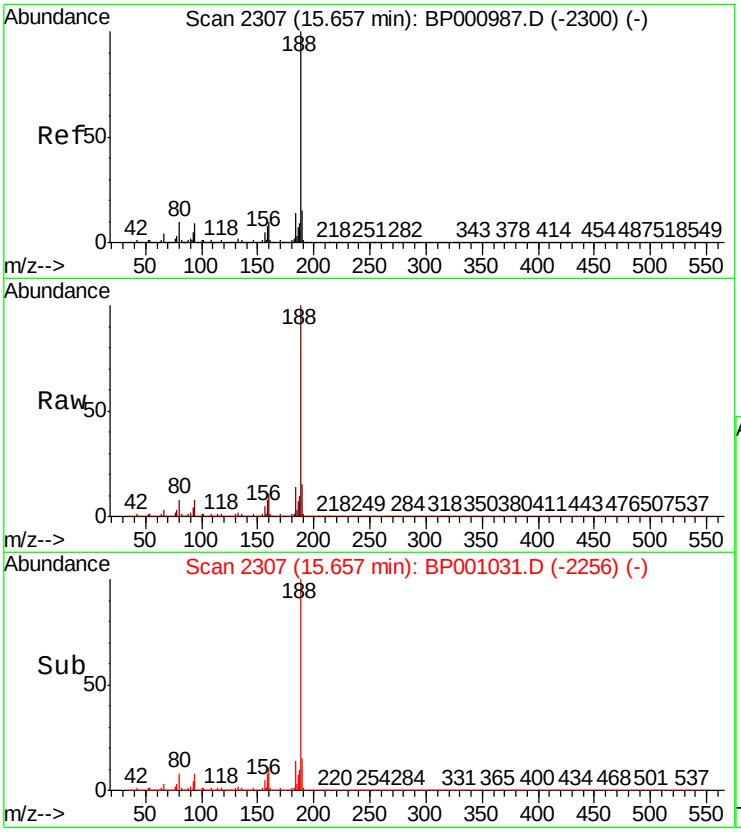




#50
Dimethylphthalate
Concen: 3.963 ng
RT: 12.85 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

Tgt Ion:163 Resp: 145035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.4 | 5.2 |
| 164 | 9.8 | 7.9 | 11.9 |



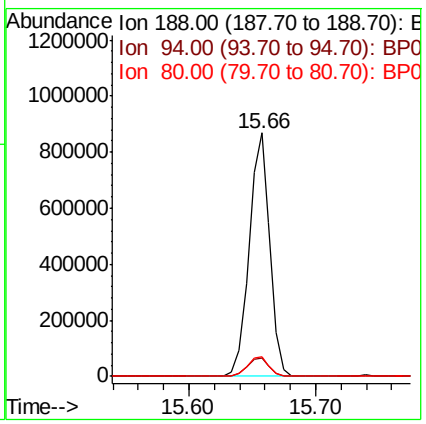


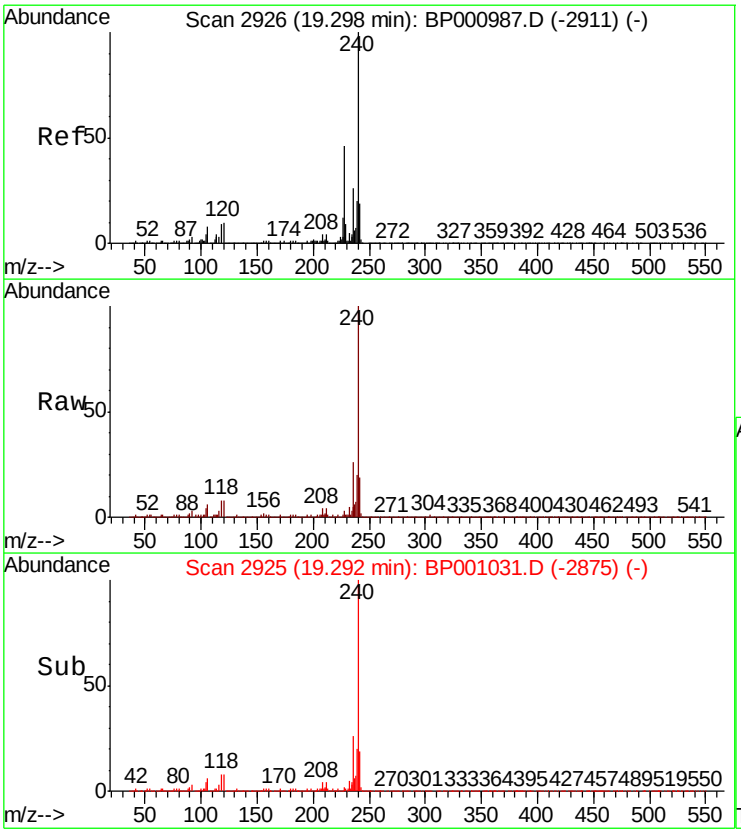

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion:188 Resp: 977649

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.7 | 7.4 | 11.2 |
| 80 | 7.8 | 7.9 | 11.9# |

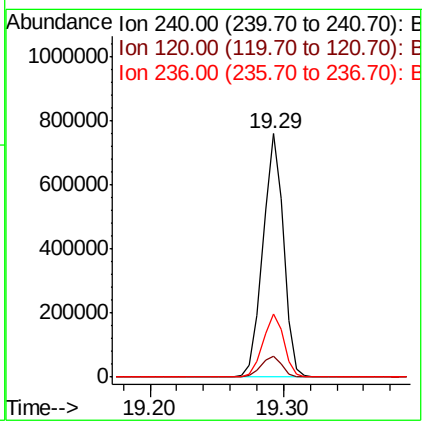


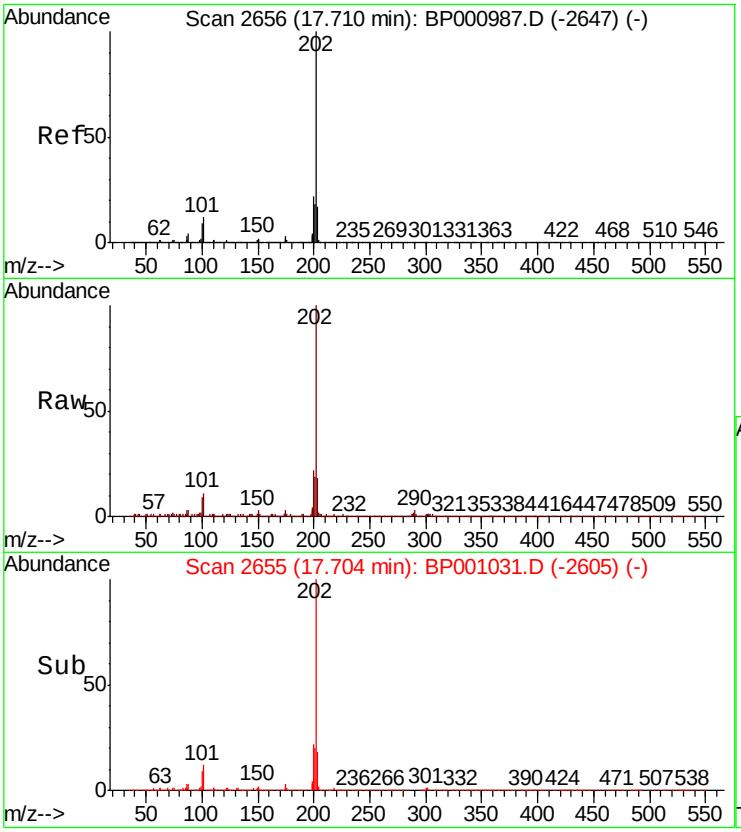




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.29 min Scan# 2925
Delta R.T. -0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

Tgt Ion:240 Resp: 806239

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.4 | 8.2 | 12.2 |
| 236 | 26.0 | 20.5 | 30.7 |



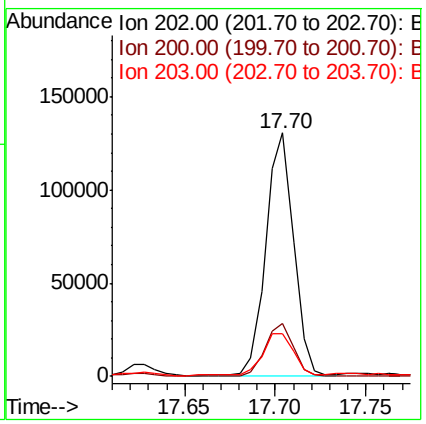


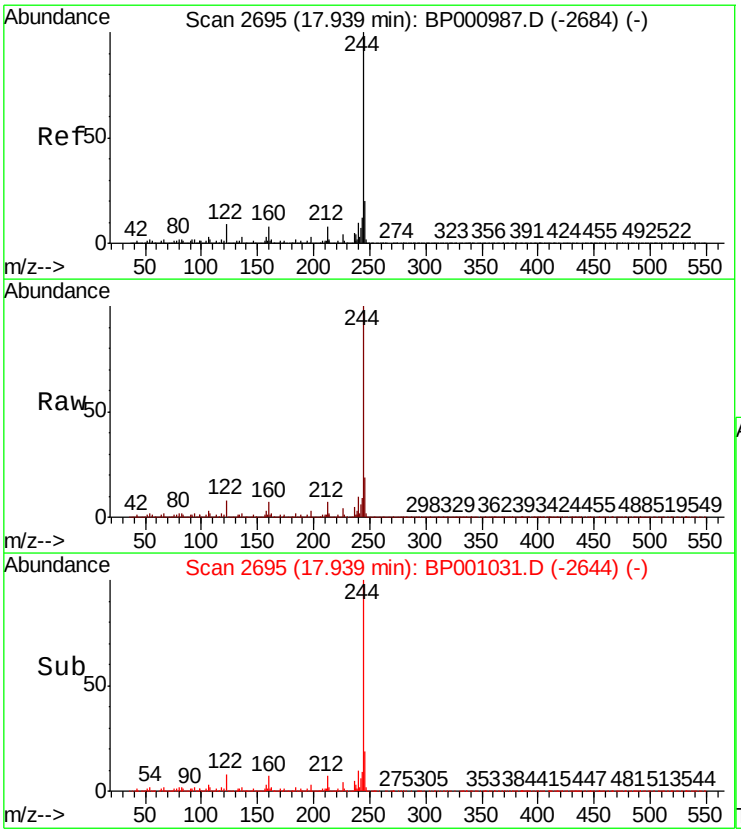

#78
Pyrene
Concen: 2.428 ng
RT: 17.70 min Scan# 2655
Delta R.T. -0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion:202 Resp: 138317

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.7 | 17.2 | 25.8 |
| 203 | 17.8 | 14.0 | 21.0 |

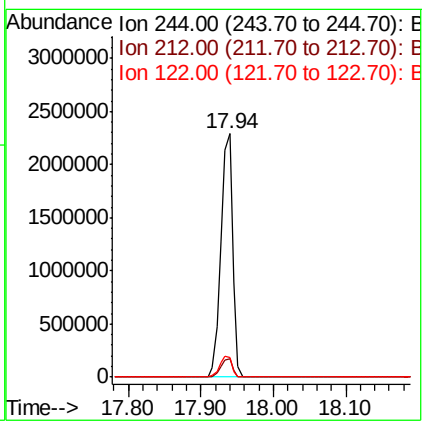


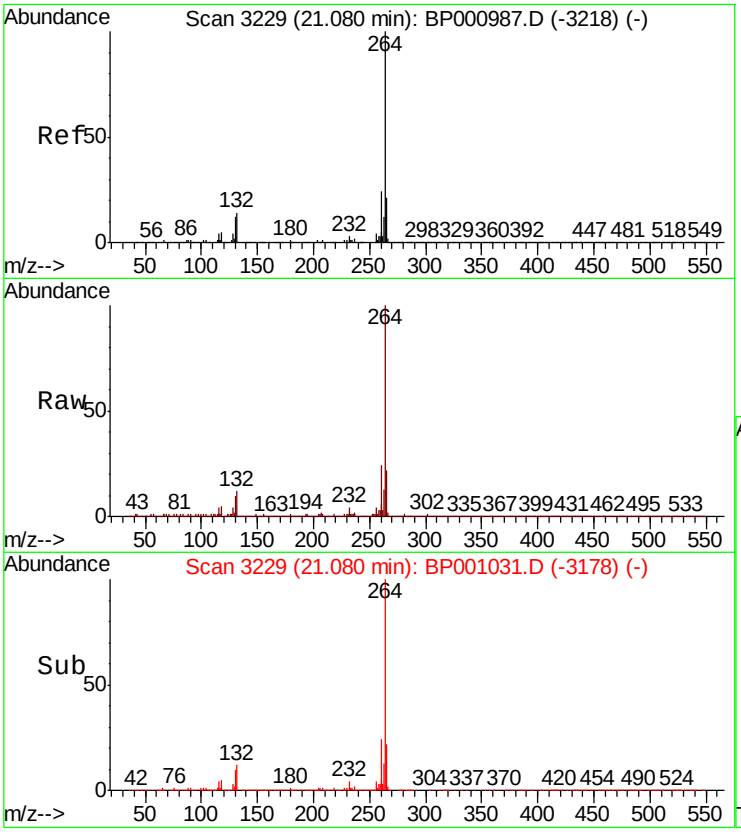




#79
Terphenyl-d14
Concen: 63.859 ng
RT: 17.94 min Scan# 2695
Delta R.T. -0.00 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

Tgt Ion:244 Resp: 2588336

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.0 | 9.0 |
| 122 | 8.0 | 7.4 | 11.2 |



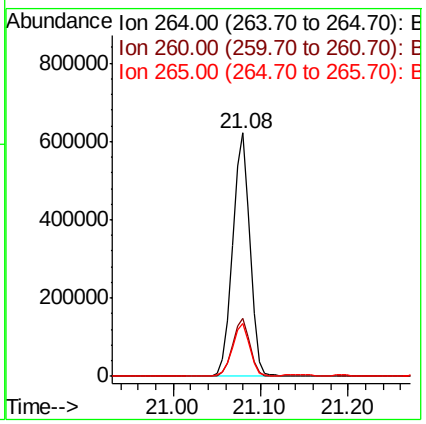


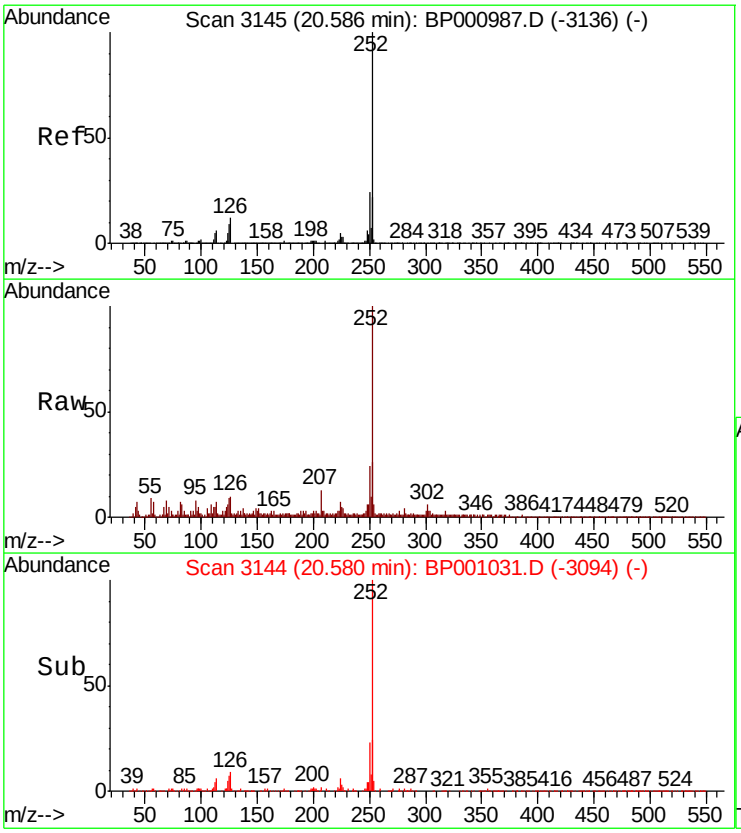

#87
Perylene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3229
Delta R.T. -0.00 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion:264 Resp: 827565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.8 | 28.2 |
| 265 | 22.0 | 17.1 | 25.7 |

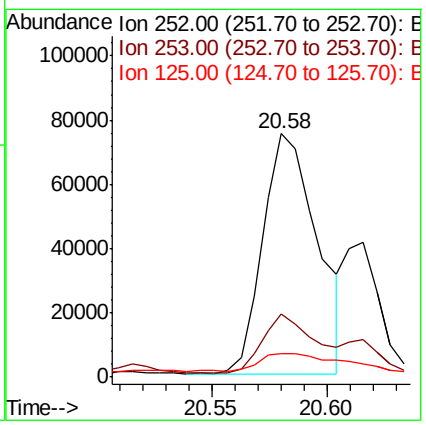


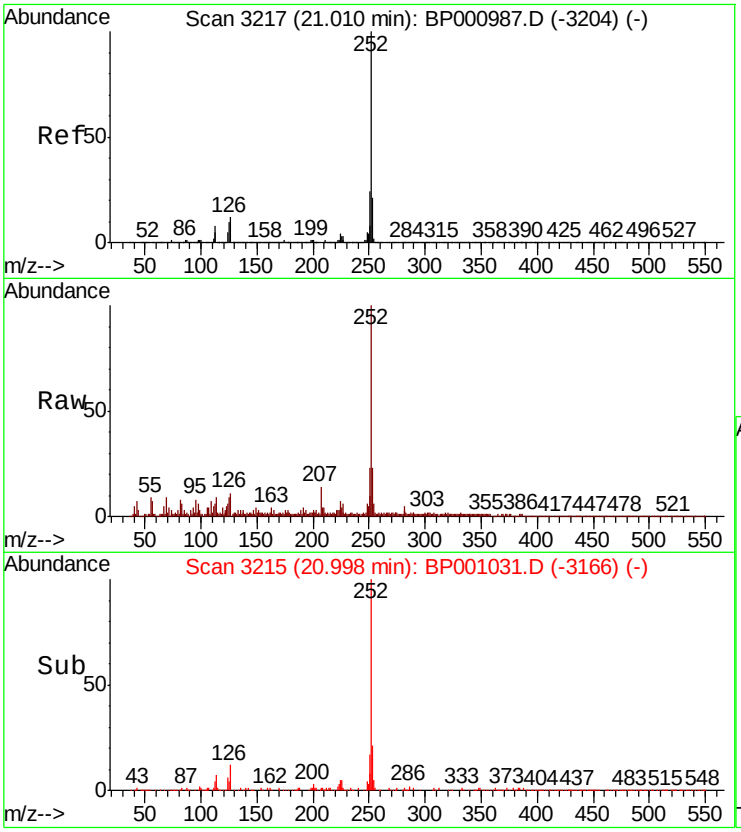




#88
Benzo(b)fluoranthene
Concen: 2.492 ng
RT: 20.58 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

Tgt Ion:252 Resp: 122913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 25.7 | 17.9 | 26.9 |
| 125 | 9.5 | 7.3 | 10.9 |






#90
Benzo(a)pyrene
Concen: 2.100 ng
RT: 21.00 min Scan# 3215
Delta R.T. -0.01 min
Lab File: BP001031.D
Acq: 11 Nov 2019 22:39

**Instrument :**
BNA_P
**ClientSampleId :**
TP-35-S

Tgt Ion:252 Resp: 95264

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 17.1 | 25.7 |
| 125 | 9.4 | 7.6 | 11.4 |