Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081817\
Data File : BM011299.D
Acq On : 18 Aug 2017 22:05
Operator : SJ/JU
Sample : I4875-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** CL-02-081717-C

Quant Time: Aug 18 23:47:22 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 16 02:25:04 2017
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.27 | 152 | 76158 | 20.00 | ng | -0.02 |
| 21) Naphthalene-d8 | 10.02 | 136 | 254672 | 20.00 | ng | -0.02 |
| 38) Acenaphthene-d10 | 13.94 | 164 | 169042 | 20.00 | ng | -0.02 |
| 63) Phenanthrene-d10 | 16.70 | 188 | 410938 | 20.00 | ng | -0.01 |
| 75) Chrysene-d12 | 20.93 | 240 | 595931 | 20.00 | ng | -0.02 |
| 86) Perylene-d12 | 23.00 | 264 | 564342 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 4.91 | 112 | 640075 | 142.07 | ng | -0.02 |
| 7) Phenol-d6 | 6.47 | 99 | 862200 | 134.70 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.42 | 82 | 830774 | 122.43 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 15.44 | 330 | 331905 | 122.50 | ng | -0.02 |
| 44) 2-Fluorobiphenyl | 12.55 | 172 | 1243757 | 92.28 | ng | -0.02 |
| 78) Terphenyl-d14 | 19.37 | 244 | 2262078 | 75.19 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |

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

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Misc :
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**Instrument :**
BNA_M
**ClientSampleId :**
CL-02-081717-C

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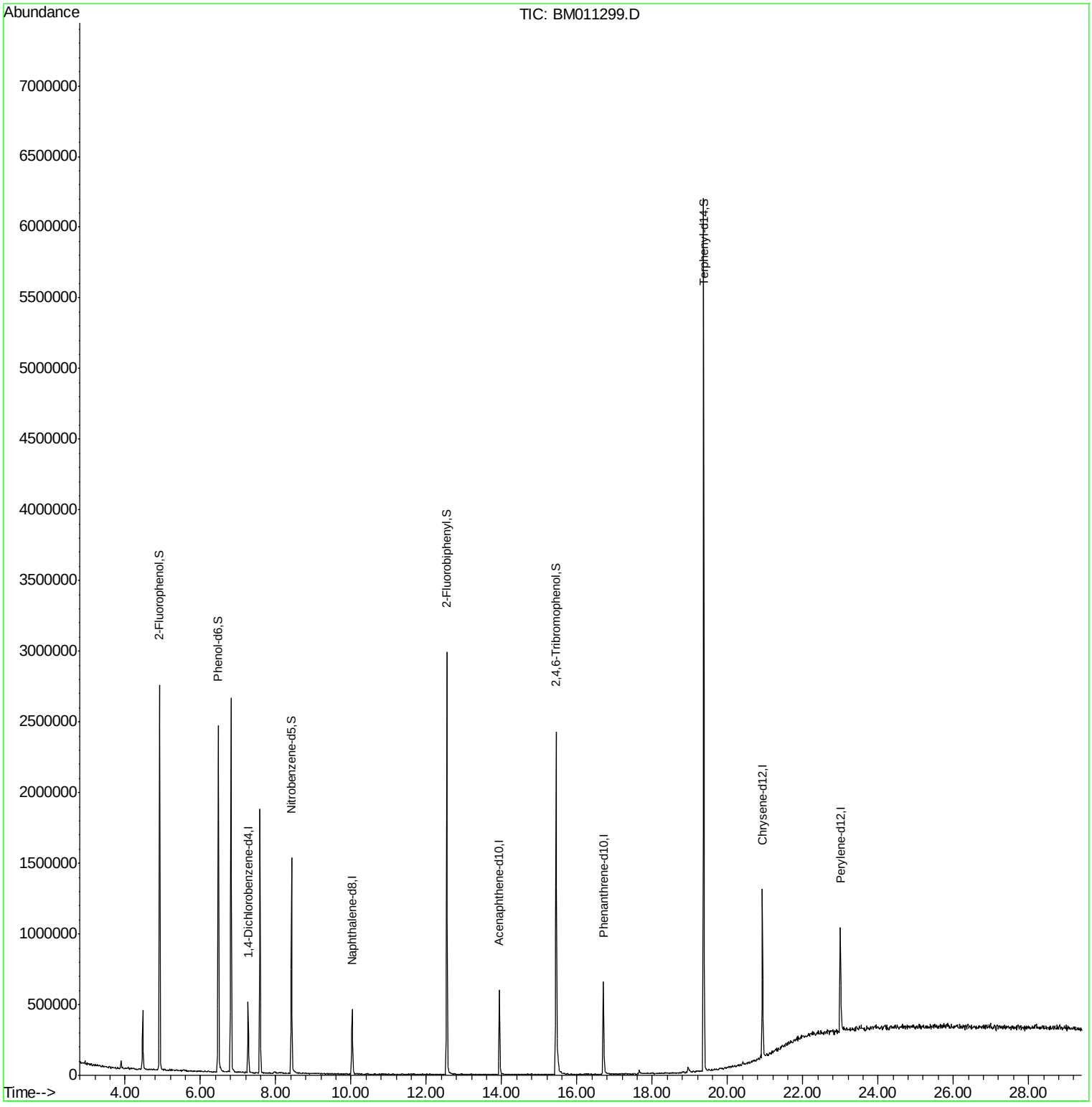
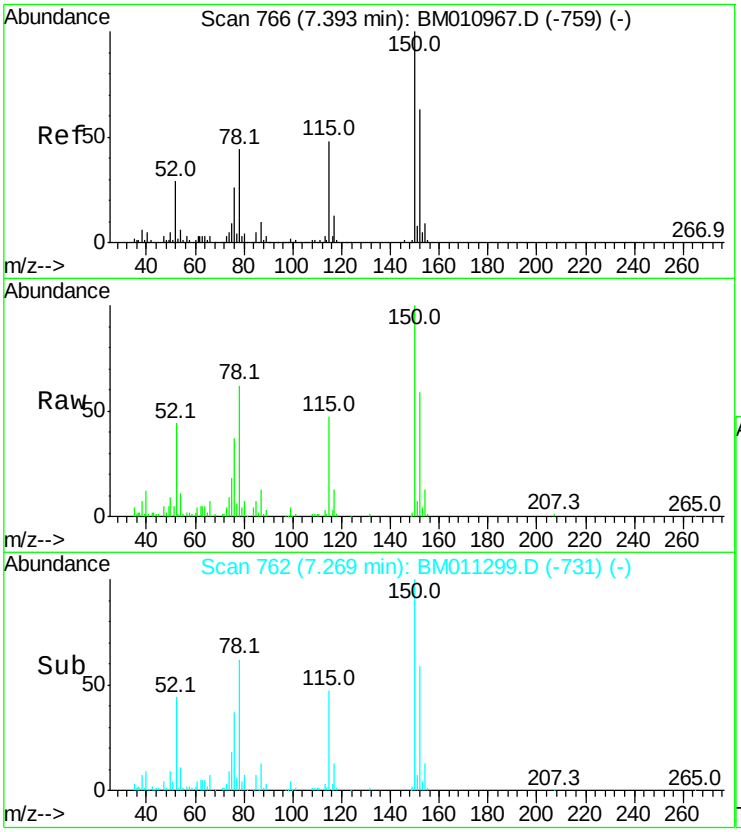


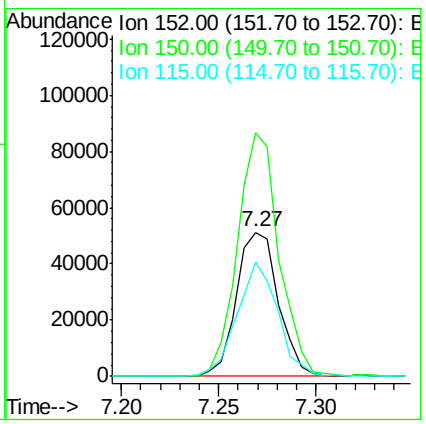


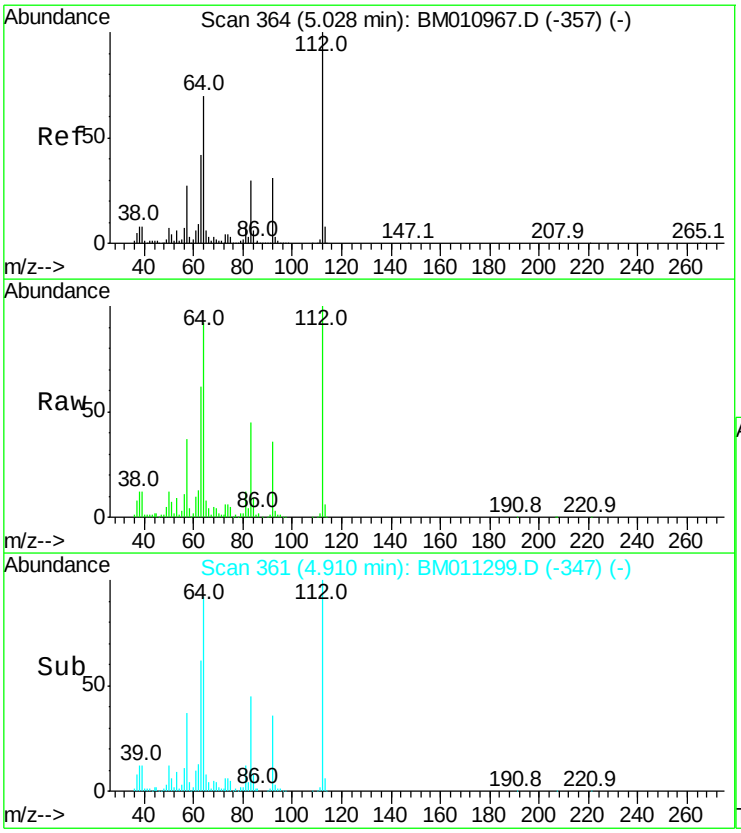

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

**Instrument :**
BNA_M
**ClientSampleId :**
CL-02-081717-C

Tgt Ion:152 Resp: 76158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 169.3 | 119.5 | 179.3 |
| 115 | 79.6 | 43.0 | 64.4# |

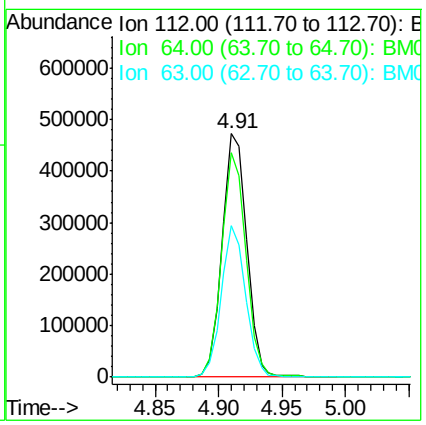


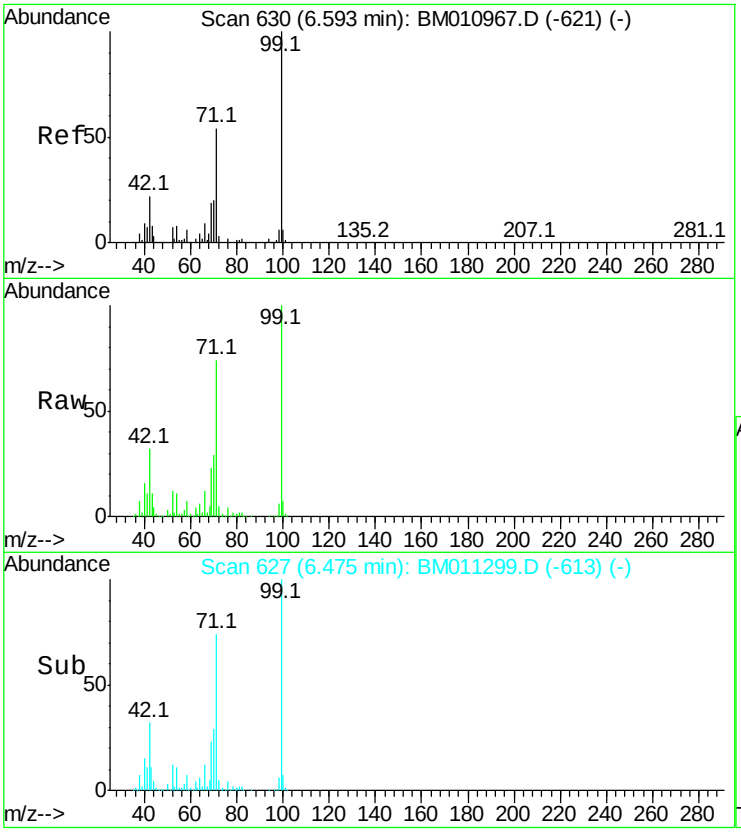




#5
2-Fluorophenol
Concen: 142.074 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

Tgt Ion:112 Resp: 640075

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 92.0 | 38.6 | 57.8# |
| 63 | 62.1 | 19.3 | 28.9# |



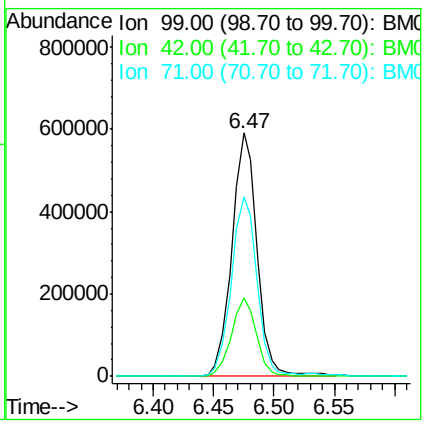


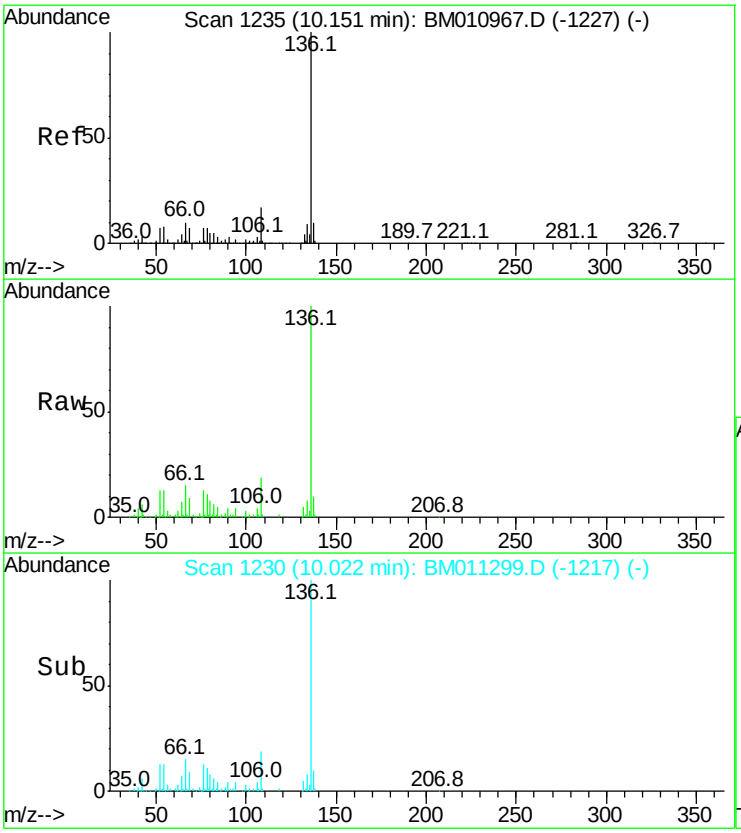

#7
Phenol-d6
Concen: 134.696 ng
RT: 6.47 min Scan# 627
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

**Instrument :**
BNA_M
**ClientSampleId :**
CL-02-081717-C

Tgt Ion: 99 Resp: 862200

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 32.0 | 11.0 | 16.4# |
| 71 | 73.5 | 23.4 | 35.2# |

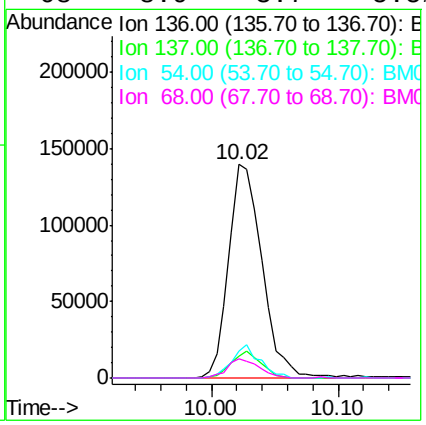


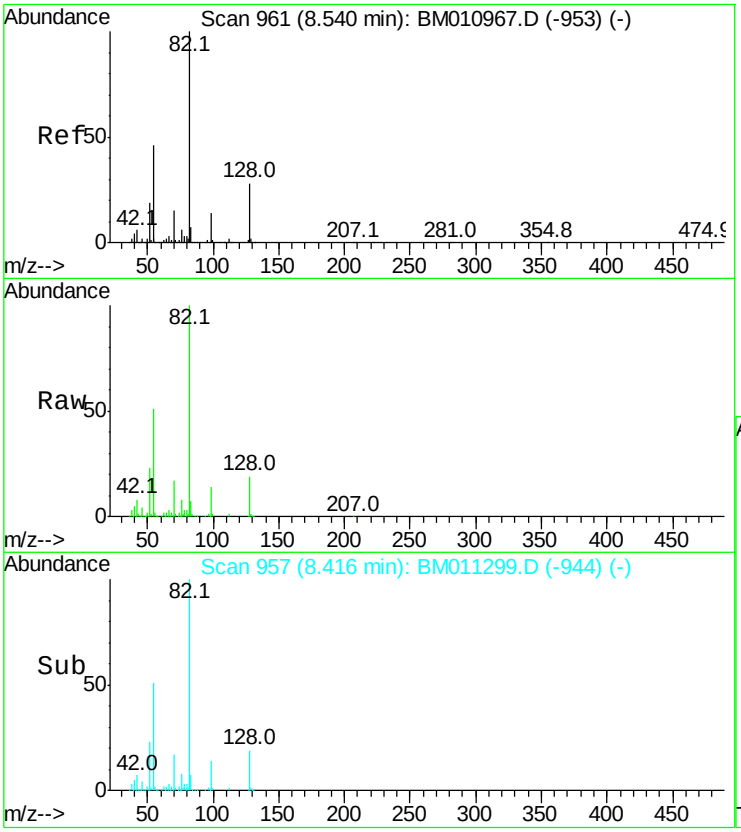




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.02 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

Tgt Ion:136 Resp: 254672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.2 | 8.7 | 13.1 |
| 54 | 12.6 | 4.6 | 6.8# |
| 68 | 8.9 | 3.7 | 5.5# |



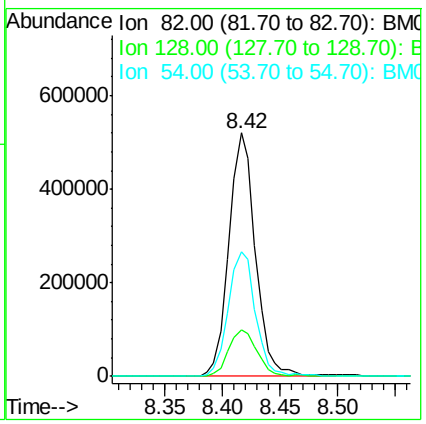


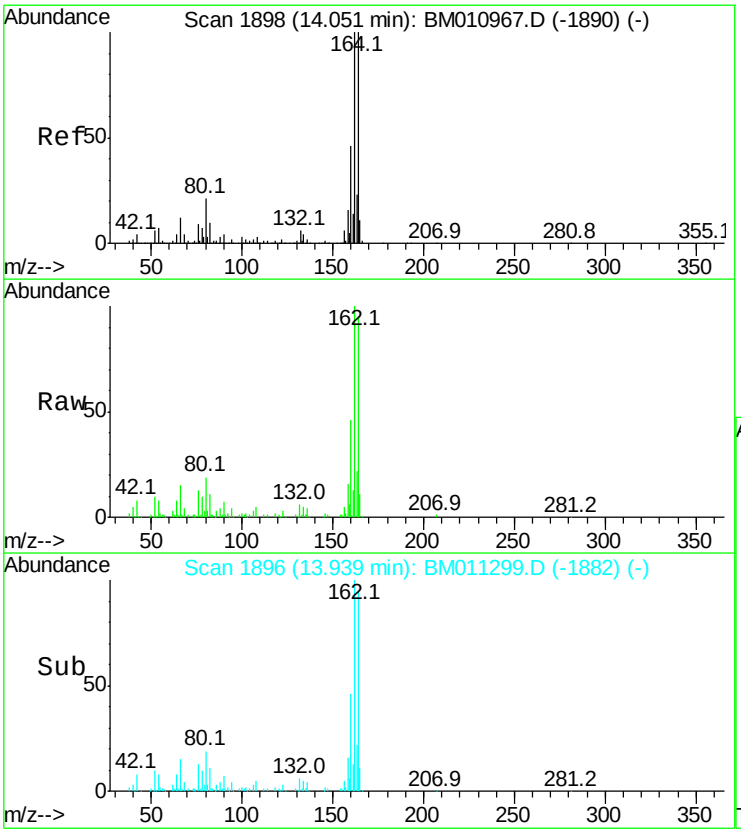

#23
Nitrobenzene-d5
Concen: 122.433 ng
RT: 8.42 min Scan# 957
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

**Instrument :**
BNA_M
**ClientSampleId :**
CL-02-081717-C

Tgt Ion: 82 Resp: 830774

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 19.1 | 32.8 | 49.2# |
| 54 | 51.1 | 40.6 | 60.8 |

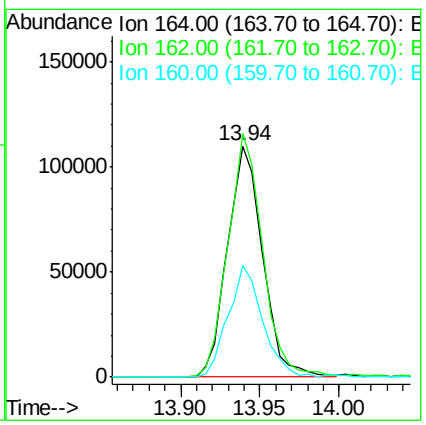


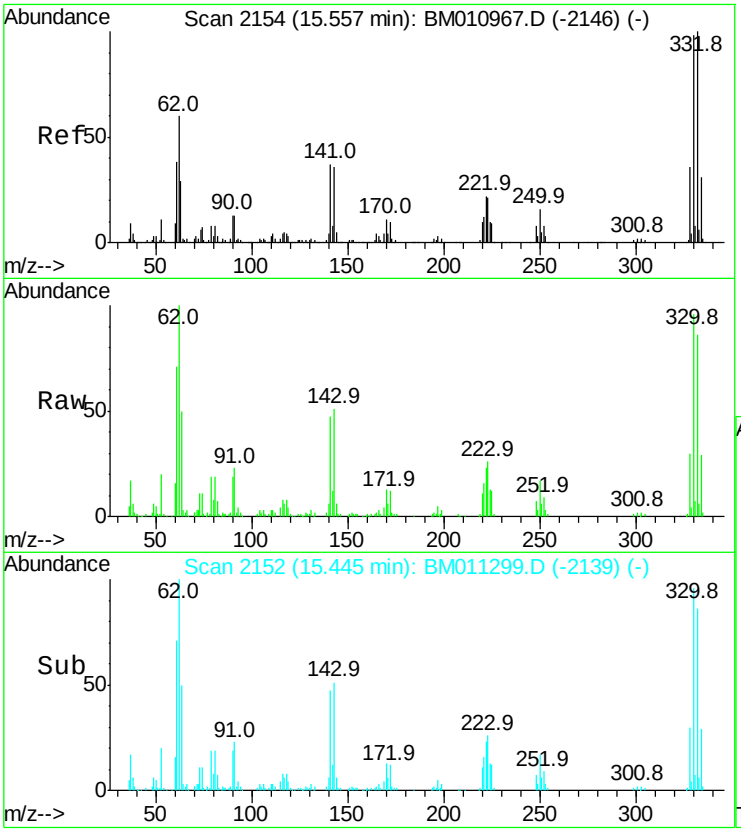




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.94 min Scan# 1896
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

Tgt Ion:164 Resp: 169042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.4 | 82.4 | 123.6 |
| 160 | 48.7 | 35.8 | 53.6 |



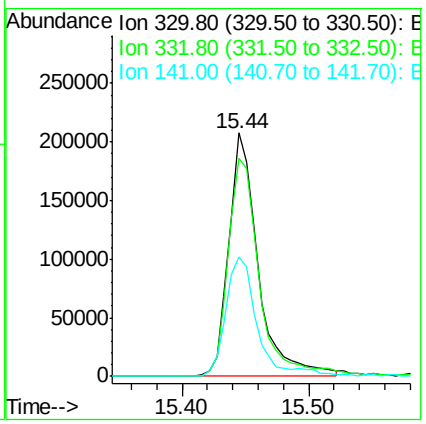


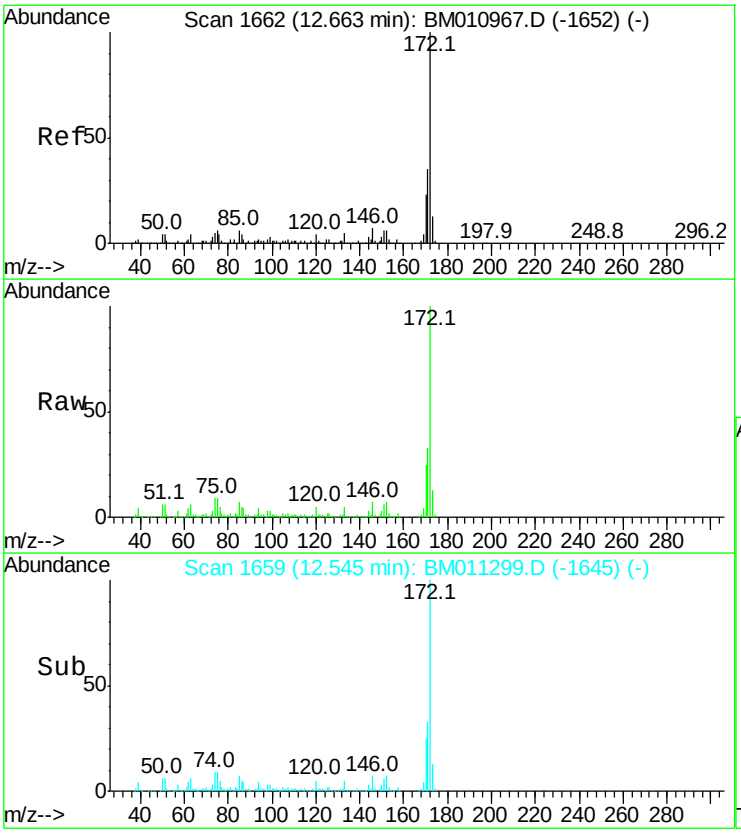

#41
2,4,6-Tribromophenol
Concen: 122.502 ng
RT: 15.44 min Scan# 2152
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

**Instrument :**
BNA_M
**ClientSampleId :**
CL-02-081717-C

Tgt Ion:330 Resp: 331905

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.4 | 0.0 | 0.0# |
| 141 | 51.9 | 0.0 | 0.0# |

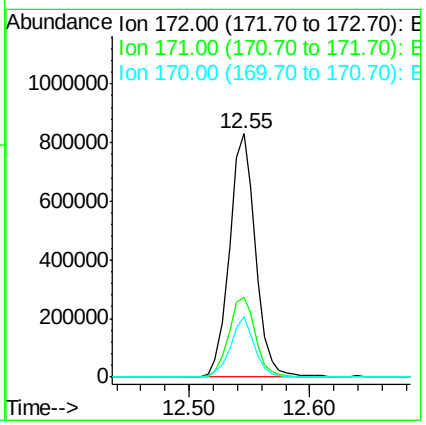


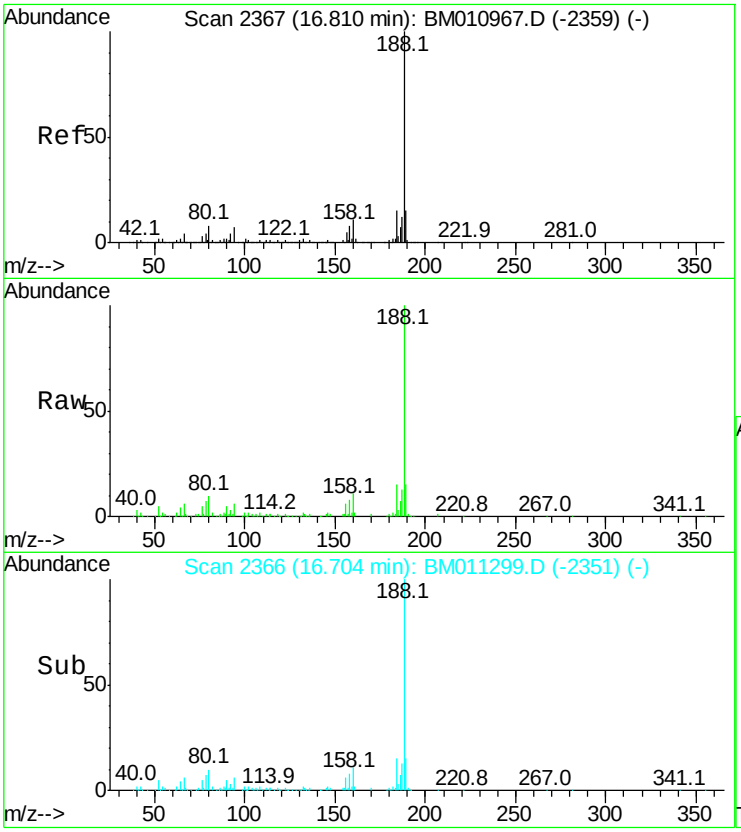




#44
2-Fluorobiphenyl
Concen: 92.275 ng
RT: 12.55 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

Tgt Ion:172 Resp: 1243757

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 32.9 | 28.5 | 42.7 |
| 170 | 24.6 | 18.8 | 28.2 |



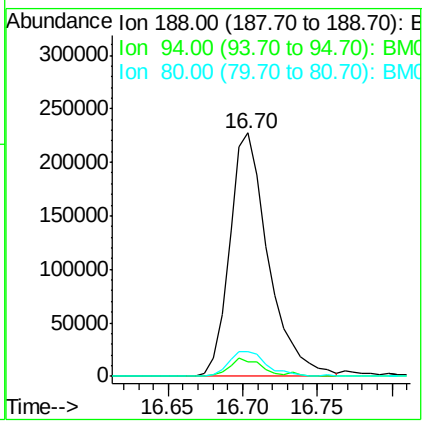


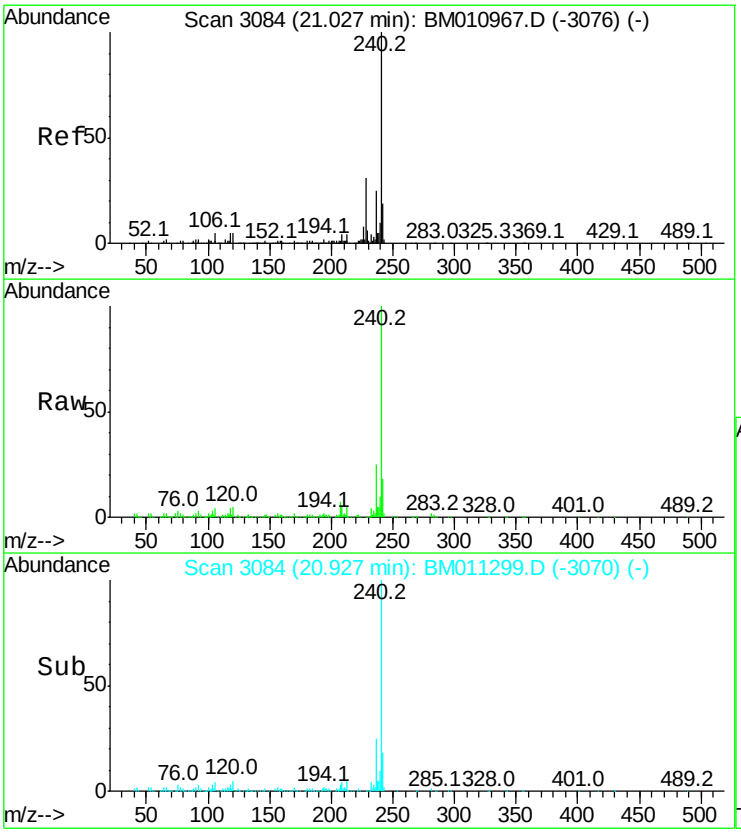

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

**Instrument :**
BNA_M
**ClientSampleId :**
CL-02-081717-C

Tgt Ion:188 Resp: 410938

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.0 | 8.7 | 13.1# |
| 80 | 10.1 | 9.3 | 13.9 |

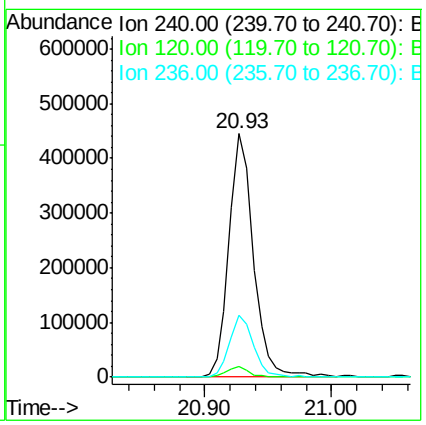


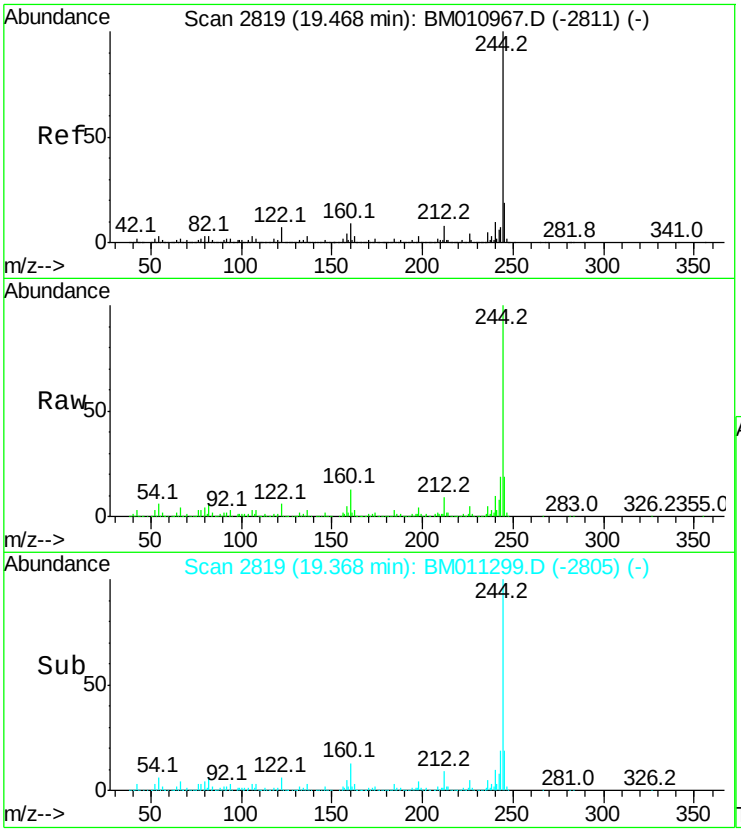




#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3084
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

Tgt Ion:240 Resp: 595931

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.6 | 8.2 | 12.2# |
| 236 | 25.2 | 20.0 | 30.0 |



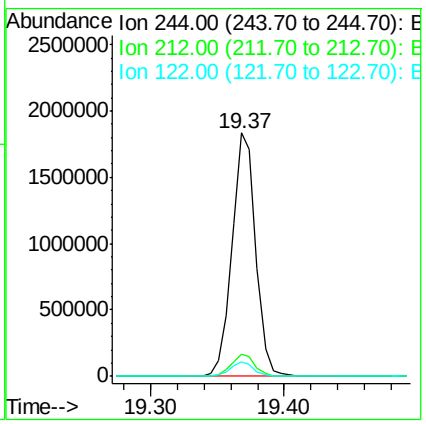


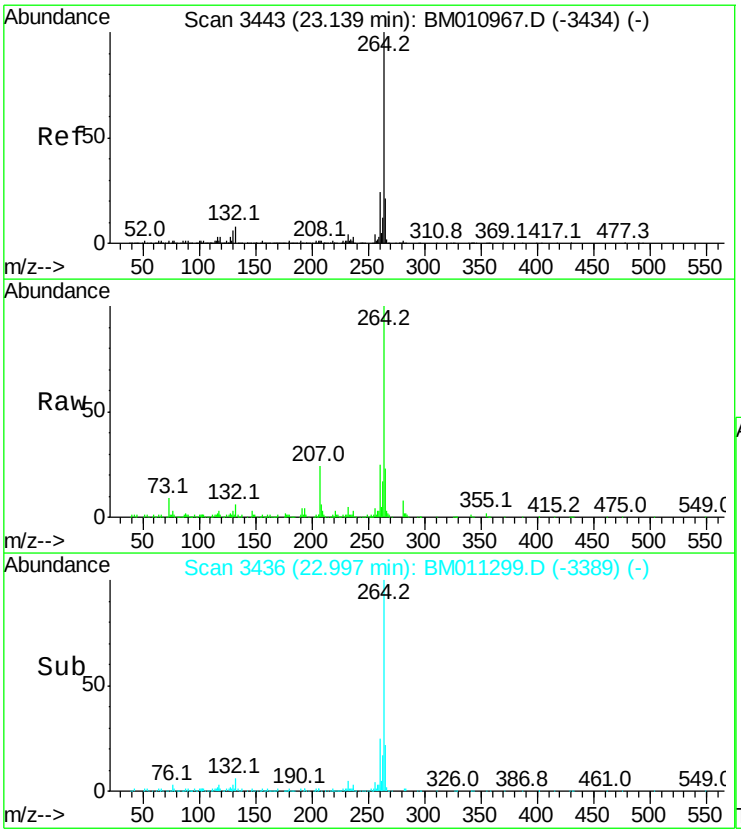

#78
Terphenyl-d14
Concen: 75.191 ng
RT: 19.37 min Scan# 2819
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

**Instrument :**
BNA_M
**ClientSampleId :**
CL-02-081717-C

Tgt Ion:244 Resp: 2262078

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.1 | 4.9 | 7.3# |
| 122 | 6.1 | 6.2 | 9.4# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.00 min Scan# 3436
Delta R.T. -0.02 min
Lab File: BM011299.D
Acq: 18 Aug 2017 22:05

Tgt Ion:264 Resp: 564342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.8 | 18.6 | 27.8 |
| 265 | 23.0 | 17.3 | 25.9 |