Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014193.D
Acq On : 08 Feb 2018 15:11
Operator : SJ/JU
Sample : J1455-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** LW-02-B

Quant Time: Feb 09 04:19:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.54 | 152 | 94029 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.32 | 136 | 355252 | 20.00 | ng | 0.00 |
| 38) Acenaphthene-d10 | 14.20 | 164 | 234901 | 20.00 | ng | 0.00 |
| 63) Phenanthrene-d10 | 16.96 | 188 | 577062 | 20.00 | ng | 0.00 |
| 75) Chrysene-d12 | 21.16 | 240 | 646245 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.34 | 264 | 609453 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.16 | 112 | 355063 | 65.82 | ng | 0.00 |
| 7) Phenol-d6 | 6.73 | 99 | 275780 | 36.09 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.70 | 82 | 901870 | 113.40 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.70 | 330 | 541760 | 162.54 | ng | 0.00 |
| 44) 2-Fluorobiphenyl | 12.81 | 172 | 1996647 | 106.11 | ng | 0.00 |
| 78) Terphenyl-d14 | 19.60 | 244 | 3643900 | 110.17 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |

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

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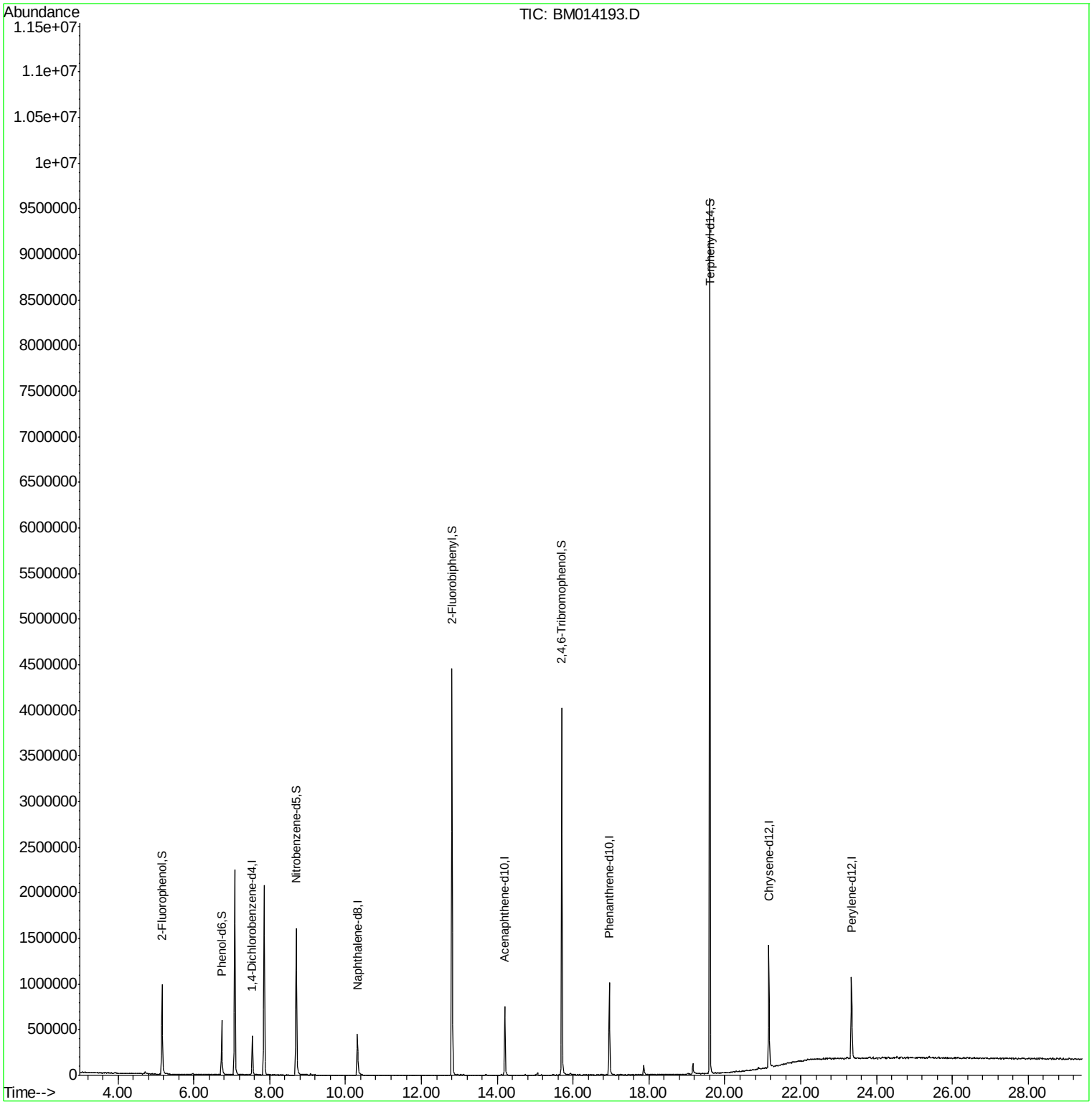
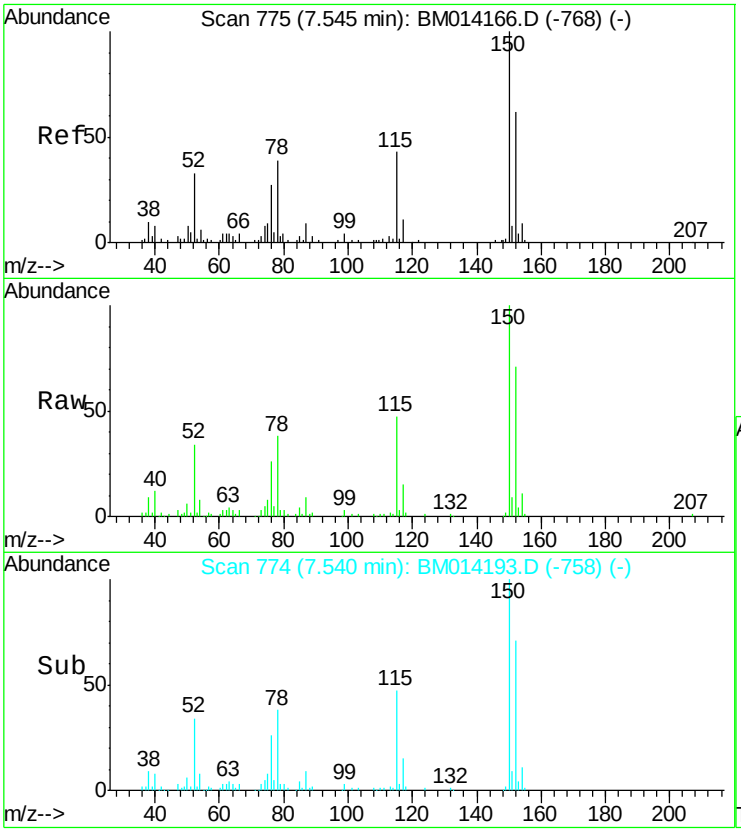


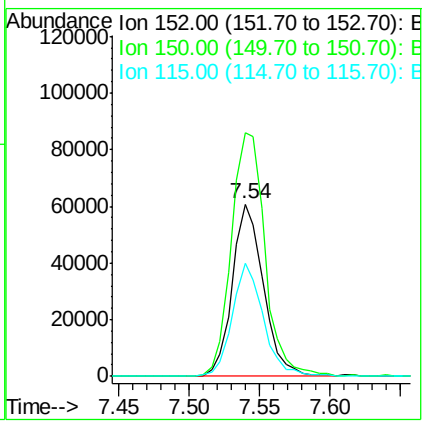


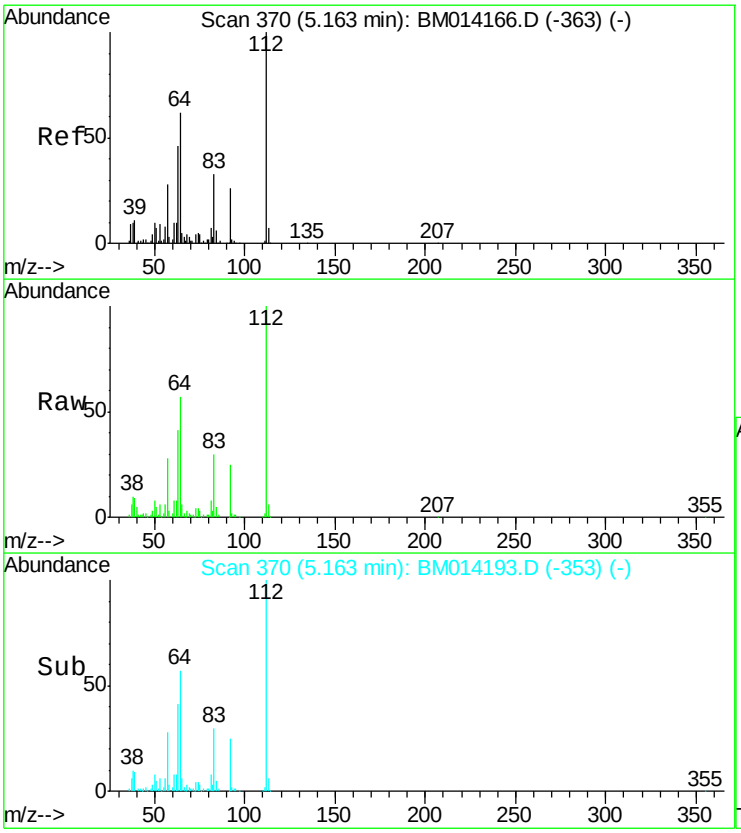

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

**Instrument :**
BNA_M
**ClientSampleId :**
LW-02-B

Tgt Ion:152 Resp: 94029

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 141.5 | 119.5 | 179.3 |
| 115 | 66.0 | 43.0 | 64.4# |

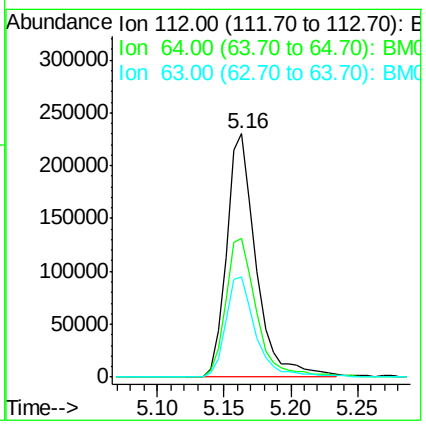


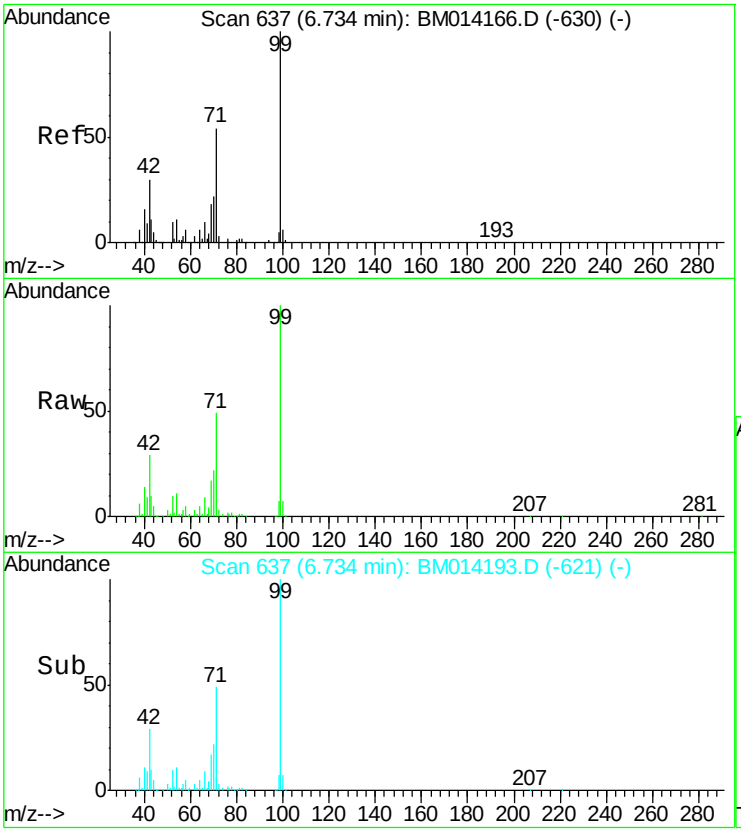




#5
2-Fluorophenol
Concen: 65.817 ng
RT: 5.16 min Scan# 370
Delta R.T. 0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion:112 Resp: 355063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 56.9 | 38.6 | 57.8 |
| 63 | 41.4 | 19.3 | 28.9# |



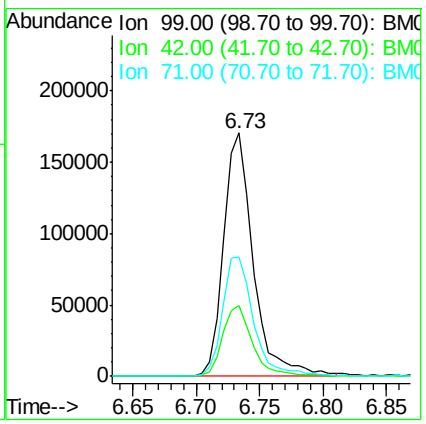


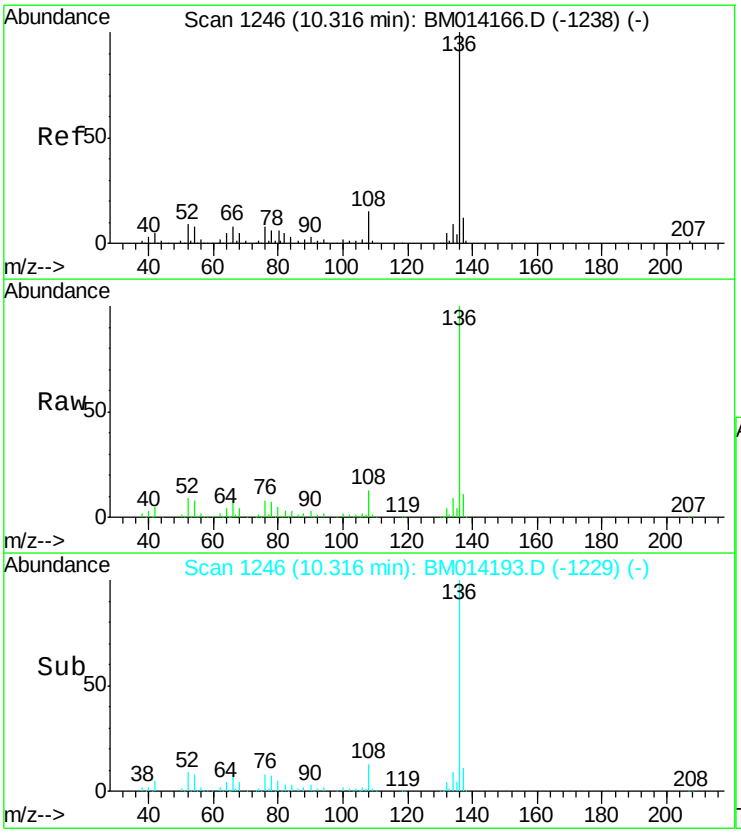

#7
Phenol-d6
Concen: 36.095 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.01 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

**Instrument :**
BNA_M
**ClientSampleId :**
LW-02-B

Tgt Ion: 99 Resp: 275780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 28.9 | 11.0 | 16.4# |
| 71 | 48.9 | 23.4 | 35.2# |

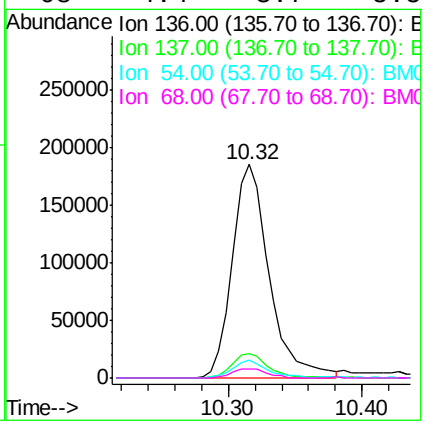


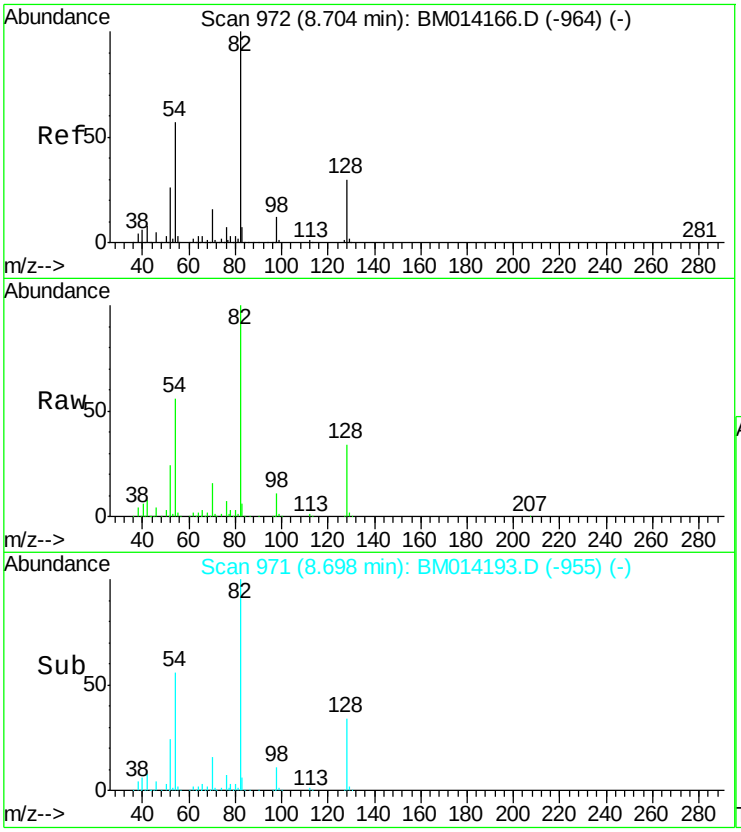




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion:136 Resp: 355252

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.5 | 8.7 | 13.1 |
| 54 | 8.4 | 4.6 | 6.8# |
| 68 | 4.4 | 3.7 | 5.5 |



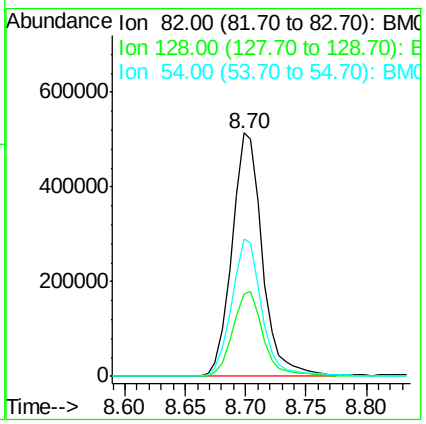


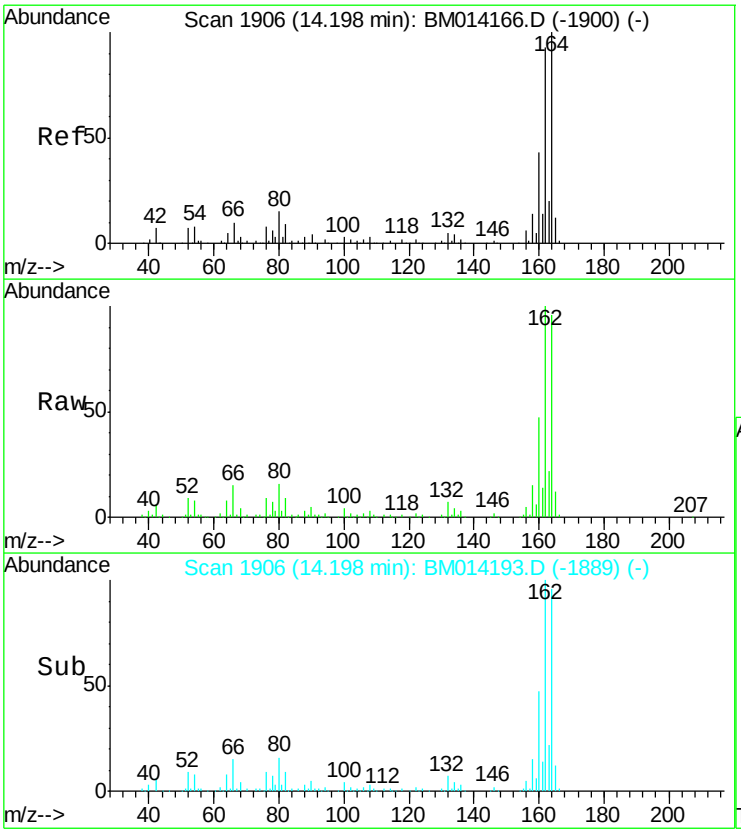

#23
Nitrobenzene-d5
Concen: 113.396 ng
RT: 8.70 min Scan# 971
Delta R.T. -0.01 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

**Instrument :**
BNA_M
**ClientSampleId :**
LW-02-B

Tgt Ion: 82 Resp: 901870

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.0 | 32.8 | 49.2 |
| 54 | 56.4 | 40.6 | 60.8 |

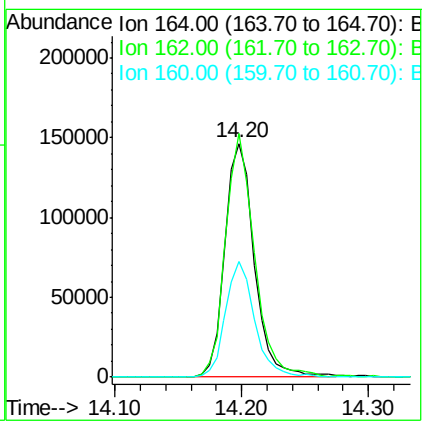


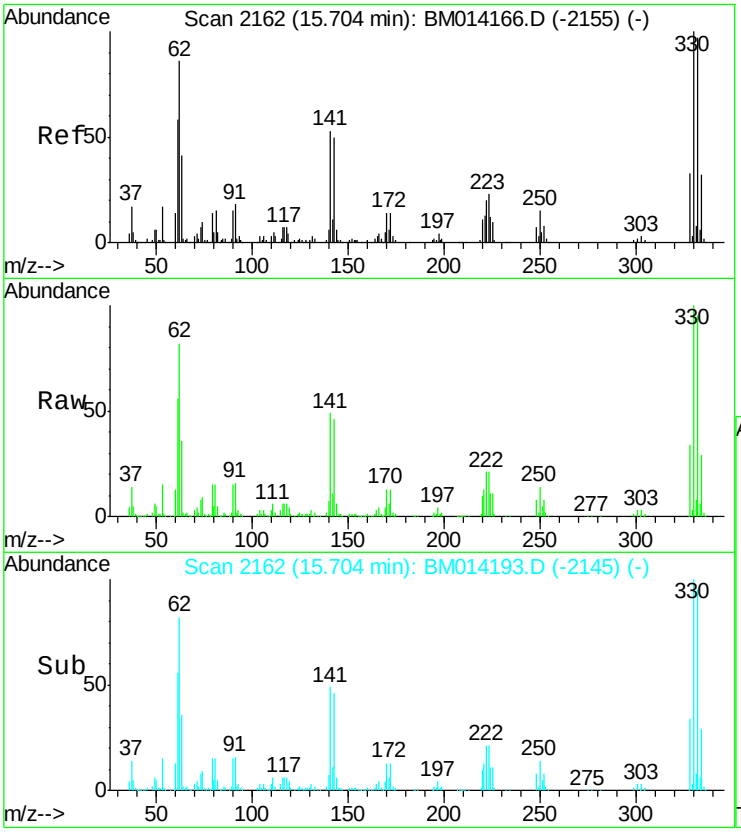




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion:164 Resp: 234901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.3 | 82.4 | 123.6 |
| 160 | 49.5 | 35.8 | 53.6 |



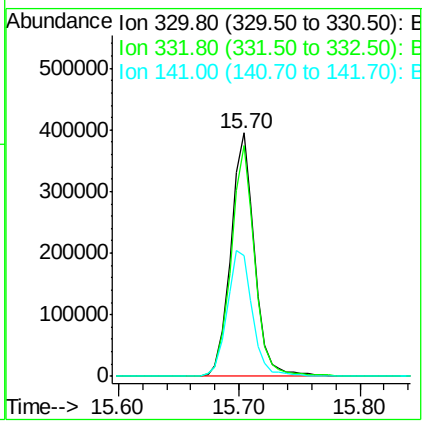


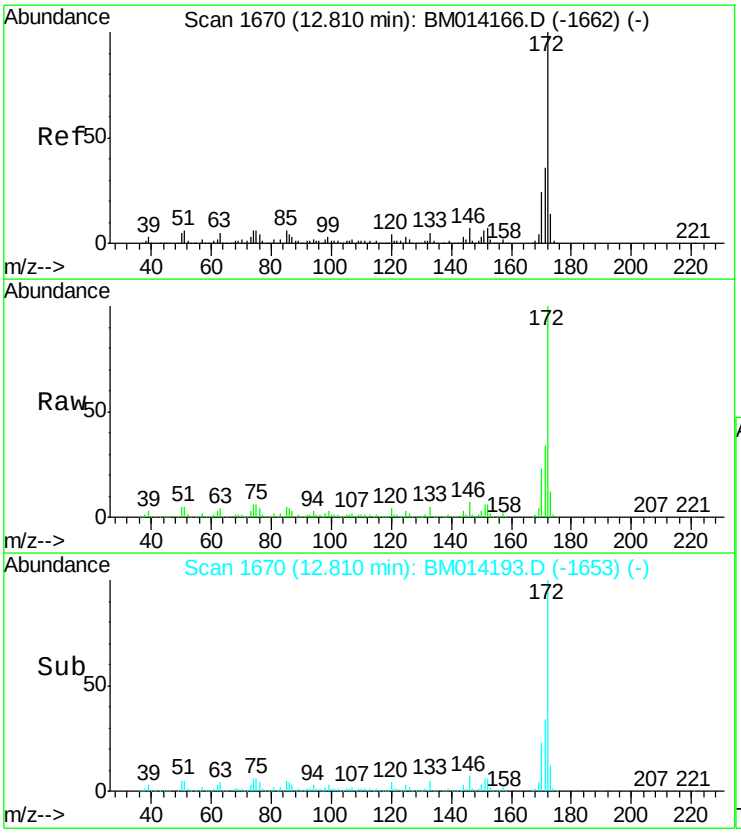

#41
2,4,6-Tribromophenol
Concen: 162.535 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

**Instrument :**
BNA_M
**ClientSampleId :**
LW-02-B

Tgt Ion:330 Resp: 541760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.6 | 0.0 | 0.0# |
| 141 | 54.6 | 0.0 | 0.0# |

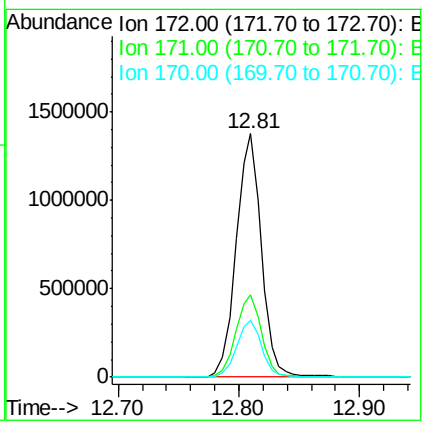


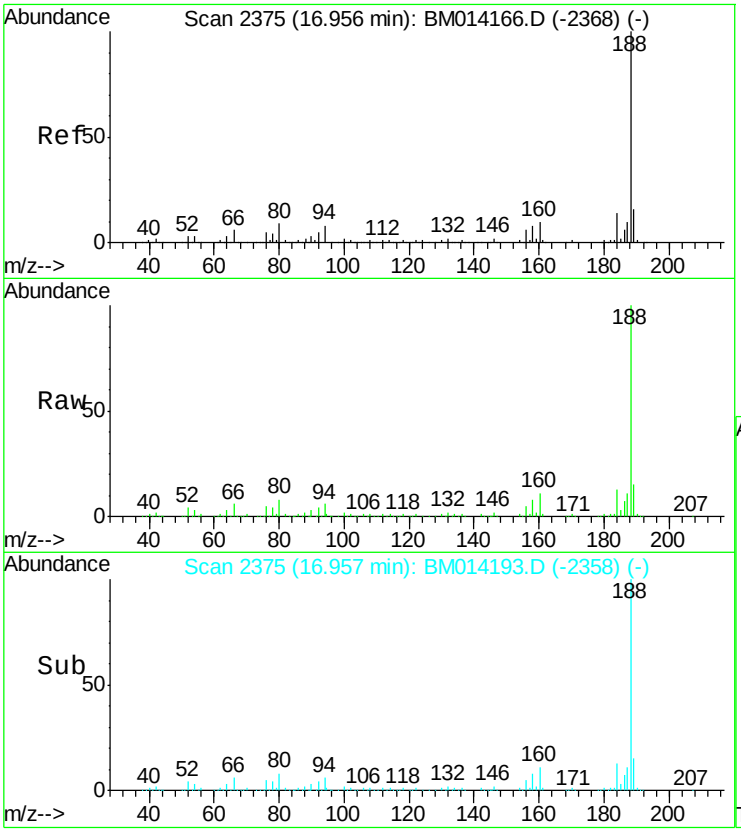




#44
2-Fluorobiphenyl
Concen: 106.106 ng
RT: 12.81 min Scan# 1670
Delta R.T. -0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion:172 Resp: 1996647

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.0 | 28.5 | 42.7 |
| 170 | 23.2 | 18.8 | 28.2 |



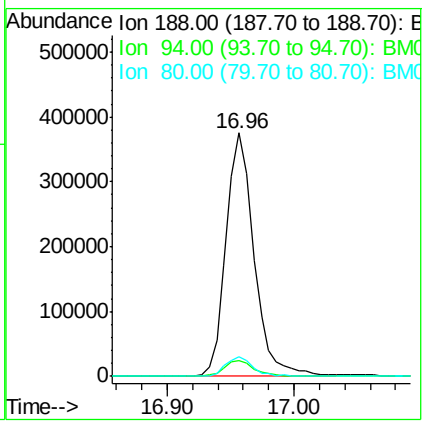


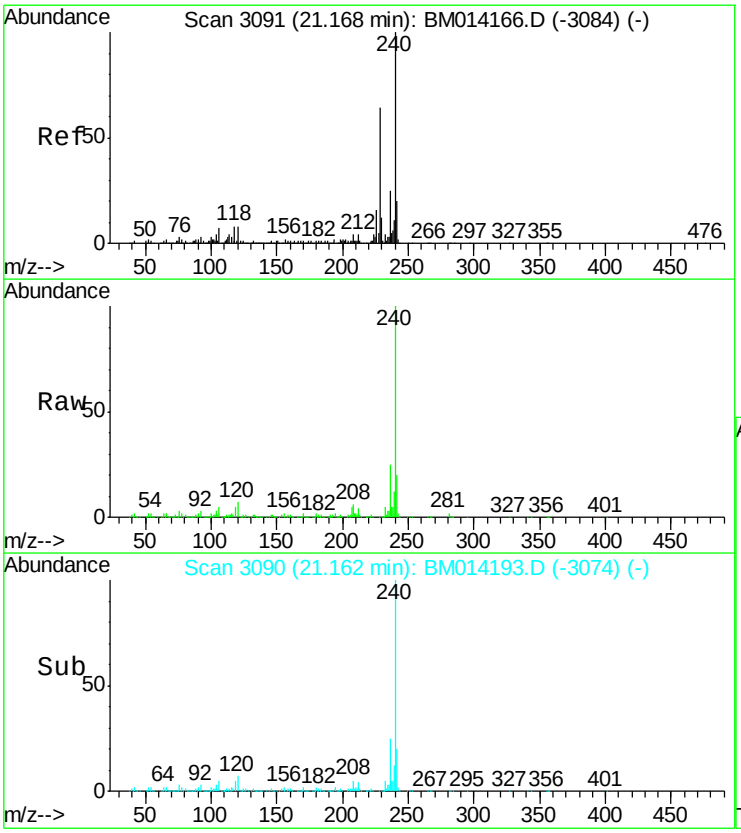

#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

**Instrument :**
BNA_M
**ClientSampleId :**
LW-02-B

Tgt Ion:188 Resp: 577062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.5 | 8.7 | 13.1# |
| 80 | 8.0 | 9.3 | 13.9# |

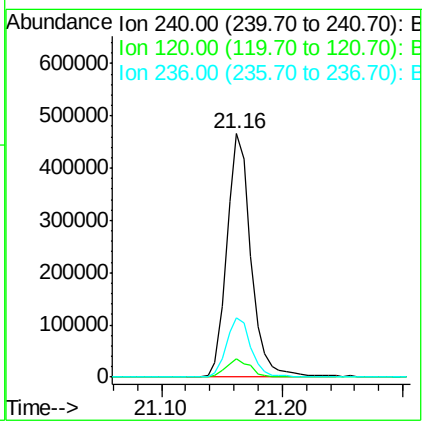


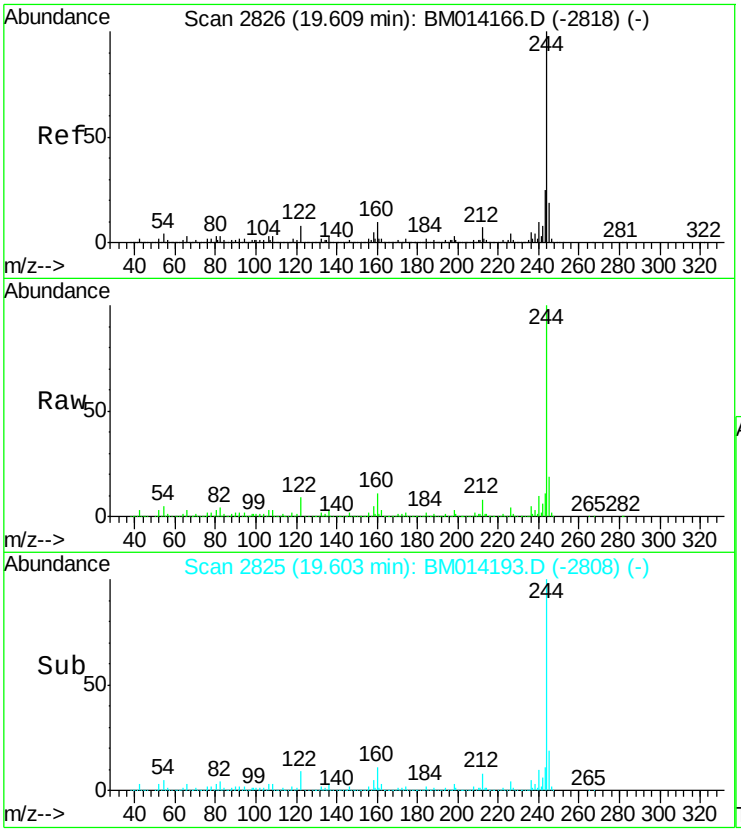




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion:240 Resp: 646245

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.4 | 8.2 | 12.2# |
| 236 | 24.6 | 20.0 | 30.0 |



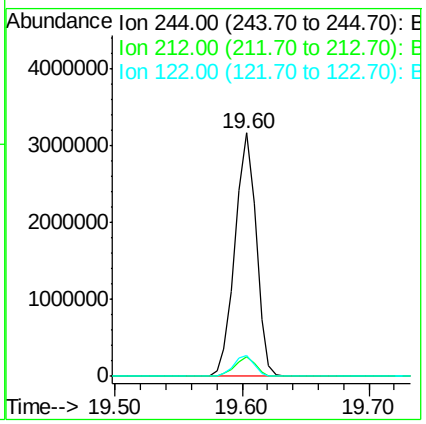


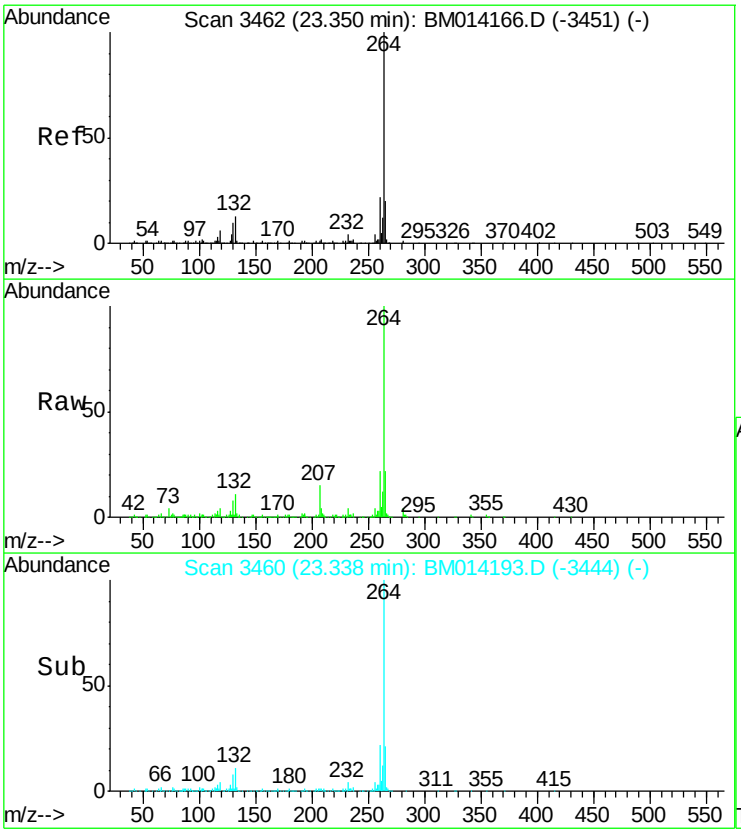

#78
Terphenyl-d14
Concen: 110.174 ng
RT: 19.60 min Scan# 2825
Delta R.T. -0.00 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

**Instrument :**
BNA_M
**ClientSampleId :**
LW-02-B

Tgt Ion:244 Resp: 3643900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 4.9 | 7.3# |
| 122 | 8.8 | 6.2 | 9.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014193.D
Acq: 08 Feb 2018 15:11

Tgt Ion:264 Resp: 609453

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.3 | 18.6 | 27.8 |
| 265 | 22.1 | 17.3 | 25.9 |