Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
Data File : BM018980.D
Acq On : 28 Feb 2019 21:38
Operator : JU/SJ
Sample : K1358-06
Misc :
ALS Vial : 17 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** TR-05-022719

Quant Time: Mar 01 01:14:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.69 | 152 | 207912 | 20.00 | ng | -0.03 |
| 21) Naphthalene-d8 | 10.47 | 136 | 871847 | 20.00 | ng | -0.03 |
| 39) Acenaphthene-d10 | 14.34 | 164 | 526023 | 20.00 | ng | -0.02 |
| 64) Phenanthrene-d10 | 17.09 | 188 | 1213105 | 20.00 | ng | -0.02 |
| 76) Chrysene-d12 | 21.29 | 240 | 1188690 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 23.54 | 264 | 1049723 | 20.00 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.28 | 112 | 1878972 | 148.07 | ng | -0.02 |
| 7) Phenol-d6 | 6.86 | 99 | 2461702 | 137.71 | ng | -0.02 |
| 23) Nitrobenzene-d5 | 8.86 | 82 | 1970869 | 104.53 | ng | -0.03 |
| 42) 2,4,6-Tribromophenol | 15.84 | 330 | 1302816 | 171.82 | ng | -0.02 |
| 45) 2-Fluorobiphenyl | 12.95 | 172 | 4073403 | 102.80 | ng | -0.03 |
| 79) Terphenyl-d14 | 19.73 | 244 | 7163736 | 124.32 | ng | -0.02 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.86 | 77 | 6020 | Below Cal | # | 7 |

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

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Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM022819\
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Misc :
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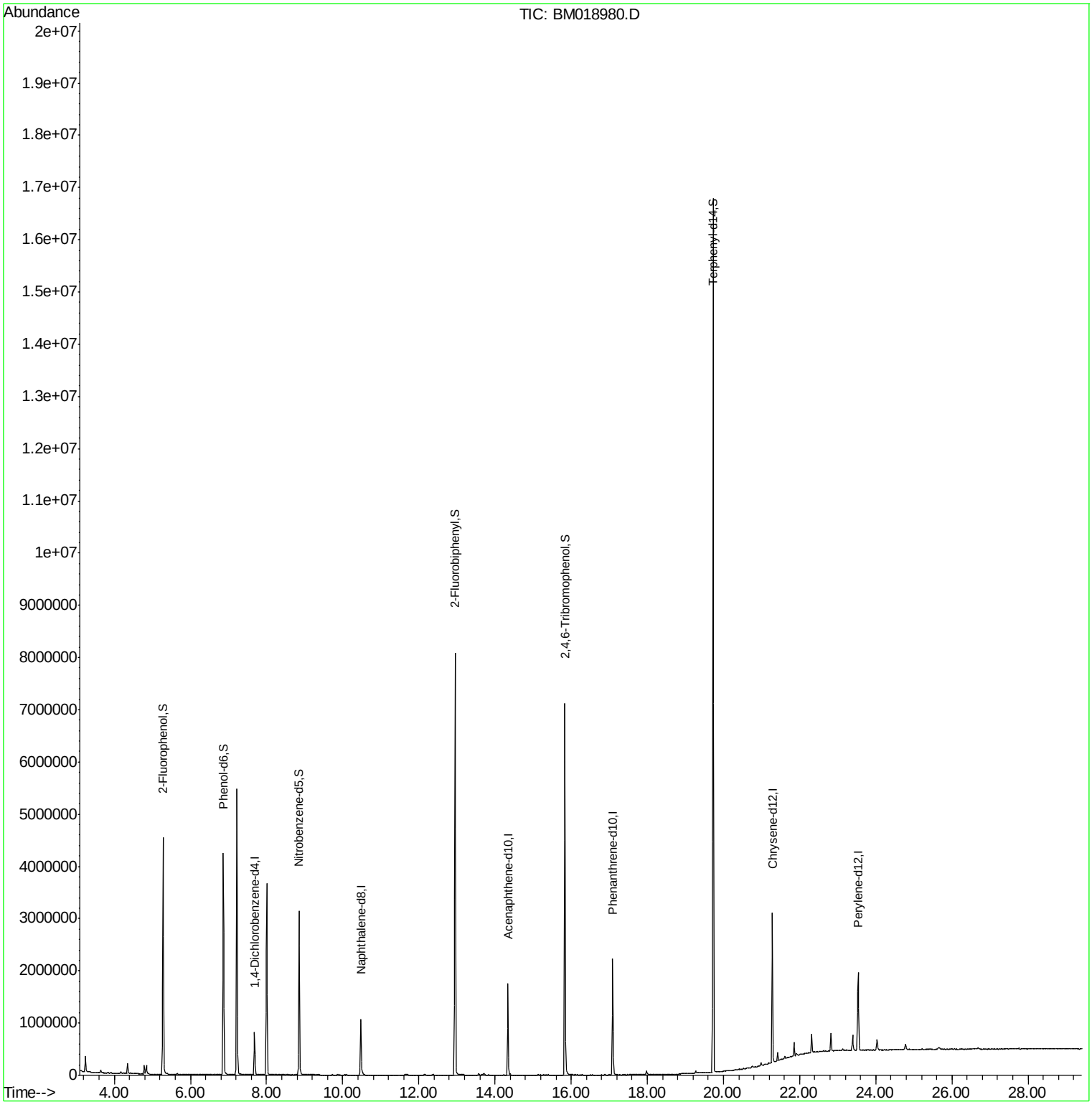
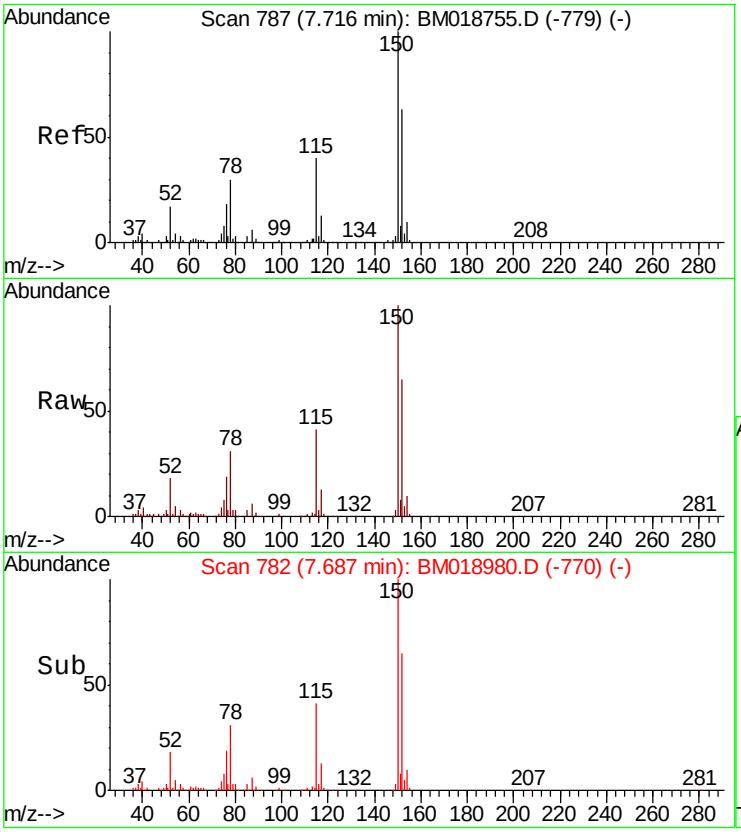


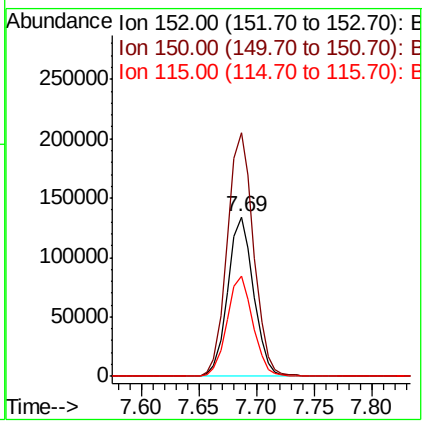


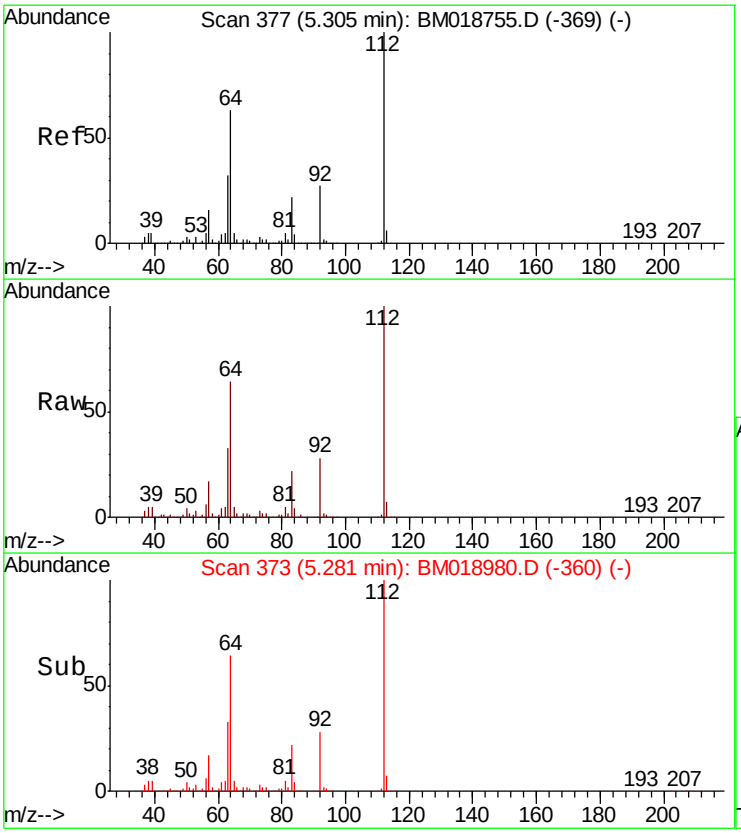

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.69 min Scan# 782
Delta R.T. -0.03 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

**Instrument :**
BNA_M
**ClientSampleId :**
TR-05-022719

Tgt Ion:152 Resp: 207912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.8 | 127.3 | 190.9 |
| 115 | 63.1 | 50.8 | 76.2 |

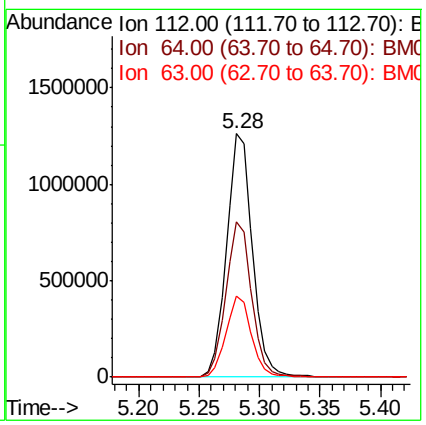


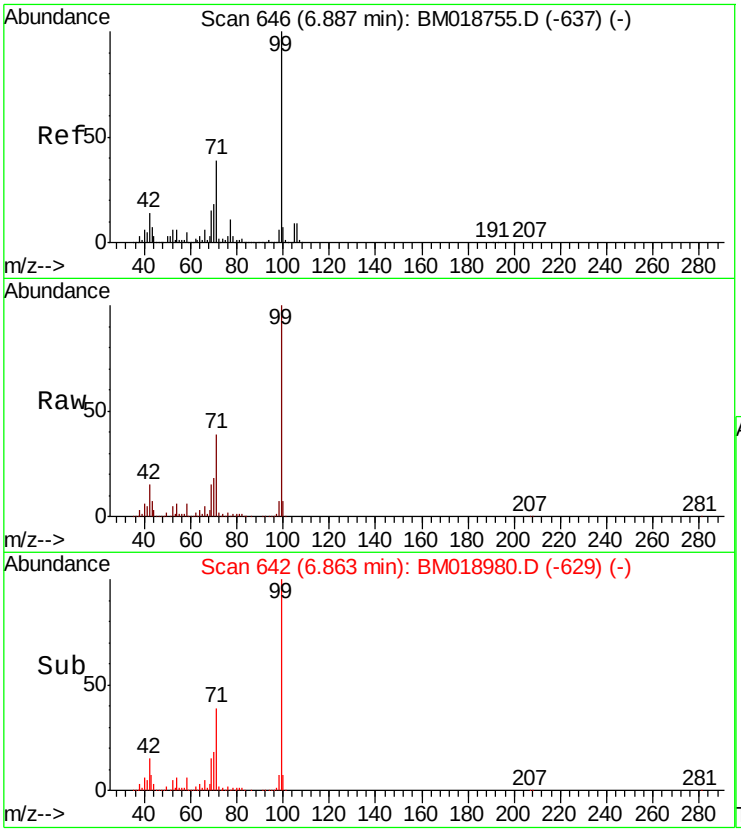




#5
2-Fluorophenol
Concen: 148.075 ng
RT: 5.28 min Scan# 373
Delta R.T. -0.02 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

Tgt Ion:112 Resp: 1878972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.8 | 50.6 | 75.8 |
| 63 | 33.2 | 25.7 | 38.5 |



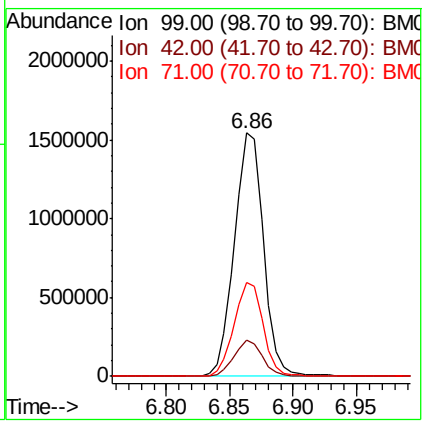


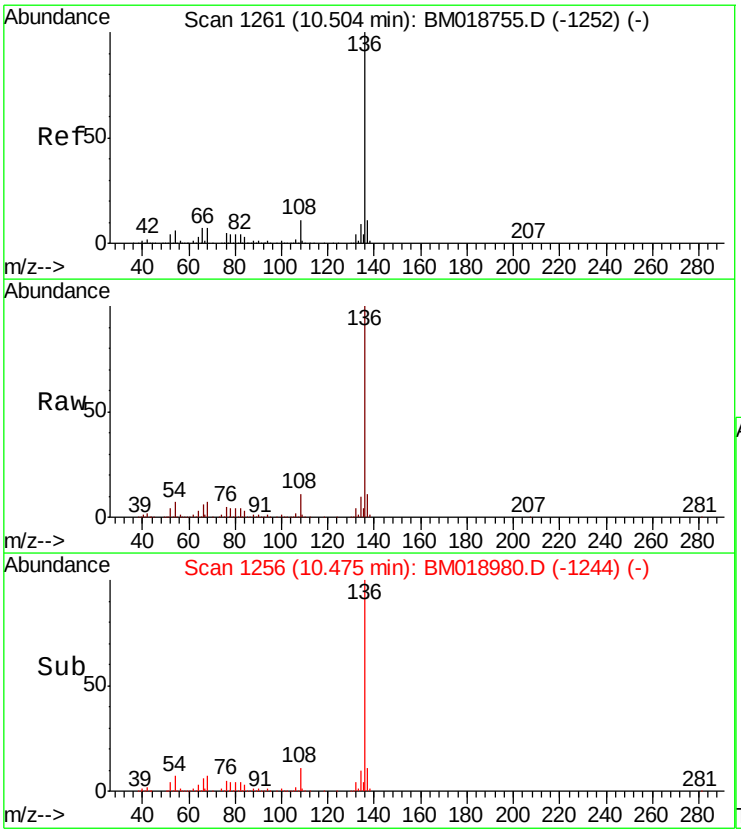

#7
Phenol-d6
Concen: 137.708 ng
RT: 6.86 min Scan# 642
Delta R.T. -0.02 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

**Instrument :**
BNA_M
**ClientSampleId :**
TR-05-022719

Tgt Ion: 99 Resp: 2461702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.7 | 11.0 | 16.6 |
| 71 | 38.5 | 31.3 | 46.9 |

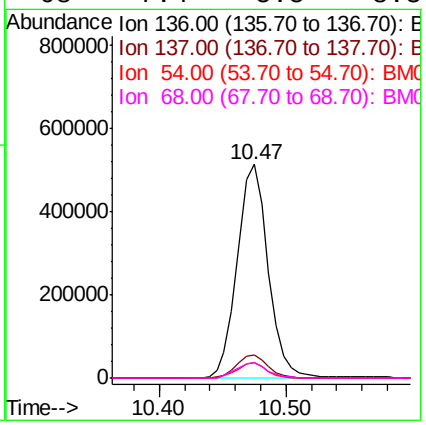


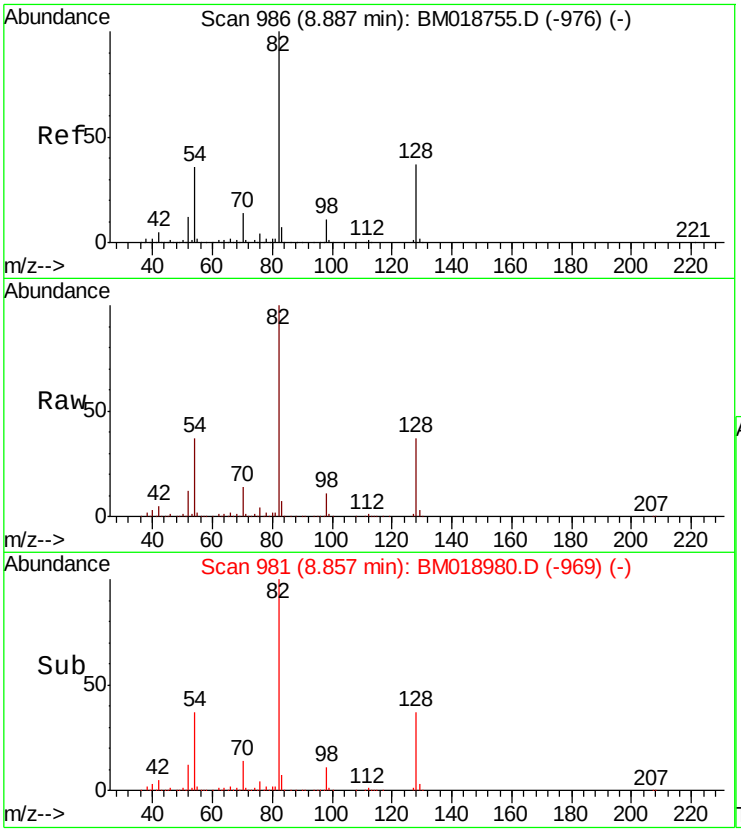




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1256
Delta R.T. -0.03 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

Tgt Ion:136 Resp: 871847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.8 | 13.2 |
| 54 | 7.0 | 5.0 | 7.6 |
| 68 | 7.4 | 5.5 | 8.3 |



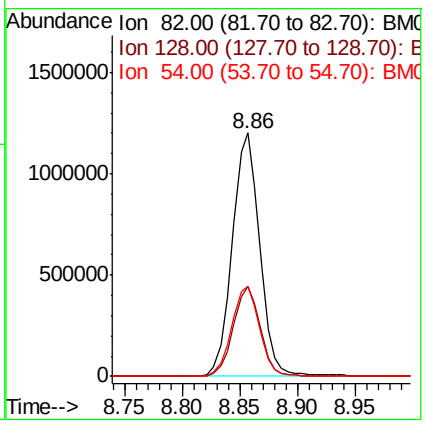


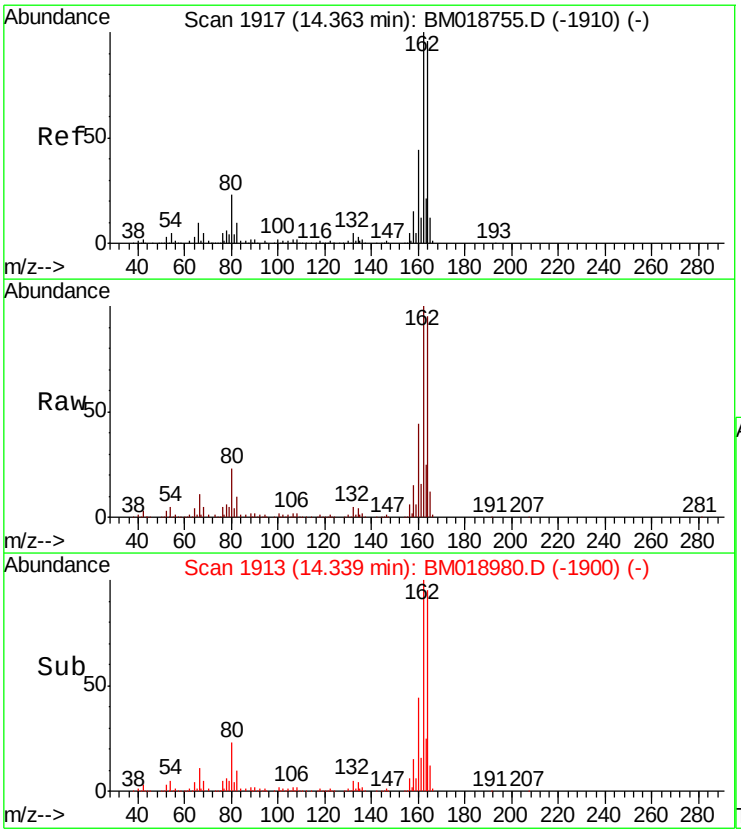

#23
Nitrobenzene-d5
Concen: 104.526 ng
RT: 8.86 min Scan# 981
Delta R.T. -0.03 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

**Instrument :**
BNA_M
**ClientSampleId :**
TR-05-022719

Tgt Ion: 82 Resp: 1970869

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 36.9 | 29.9 | 44.9 |
| 54 | 37.0 | 29.1 | 43.7 |

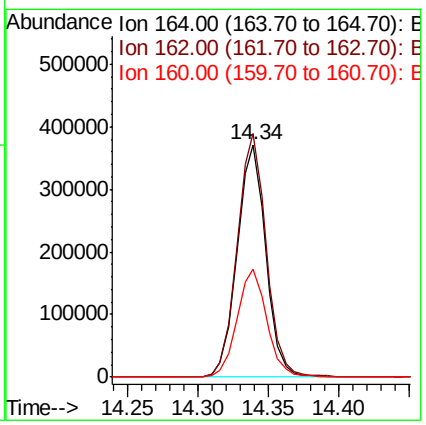


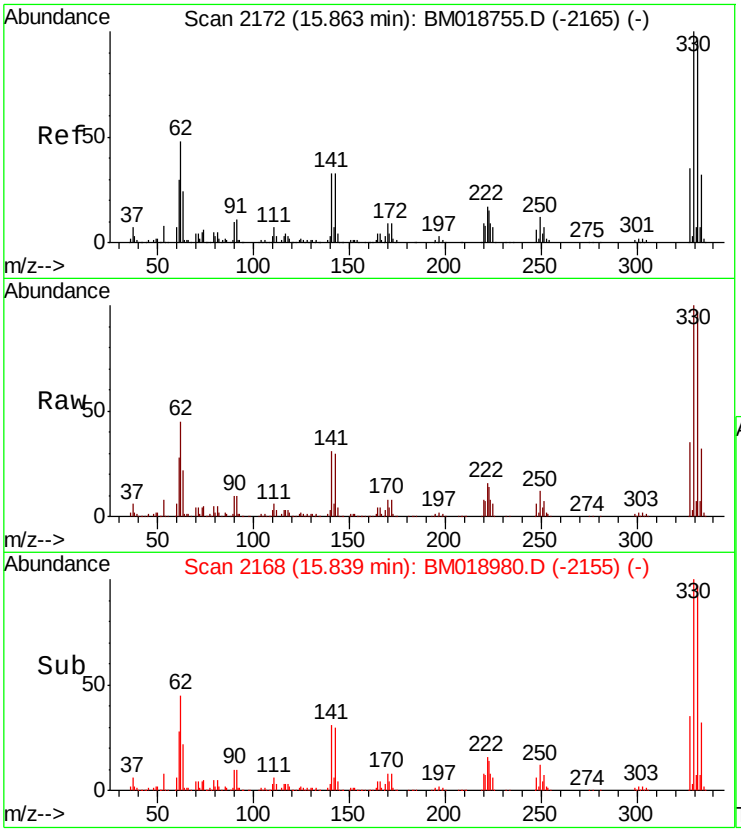




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

Tgt Ion:164 Resp: 526023

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 104.7 | 83.4 | 125.0 |
| 160 | 46.5 | 36.6 | 55.0 |



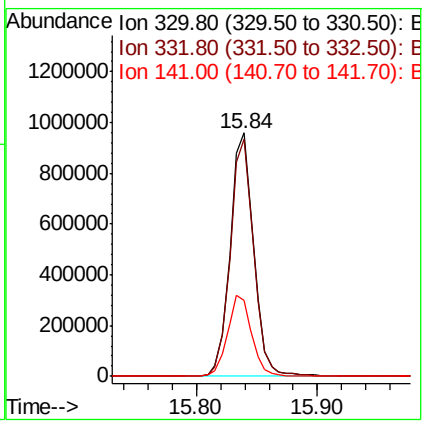


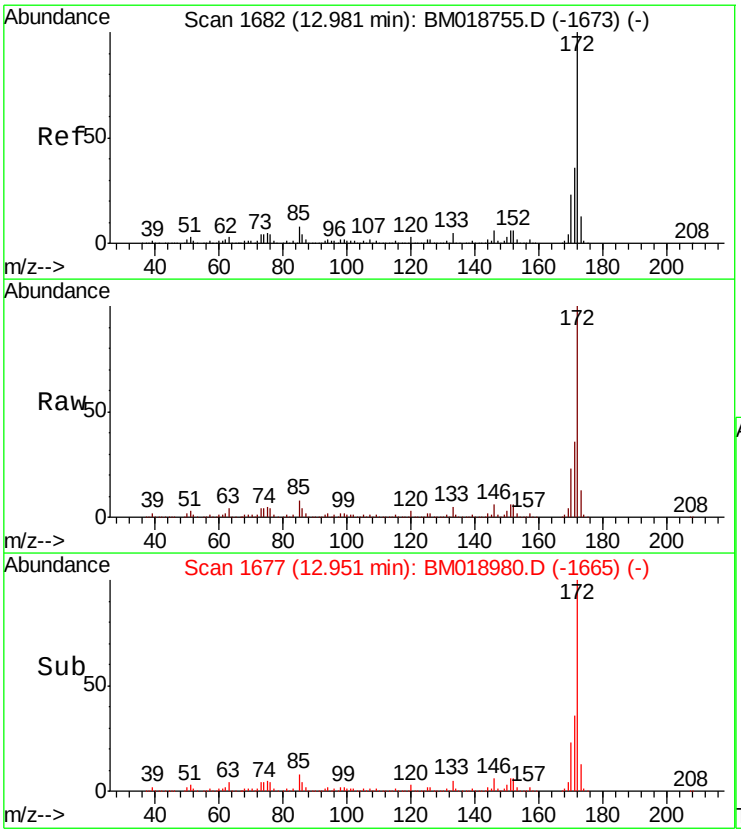

#42
2,4,6-Tribromophenol
Concen: 171.819 ng
RT: 15.84 min Scan# 2168
Delta R.T. -0.02 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

**Instrument :**
BNA_M
**ClientSampleId :**
TR-05-022719

Tgt Ion:330 Resp: 1302816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.2 | 76.9 | 115.3 |
| 141 | 34.2 | 28.7 | 43.1 |

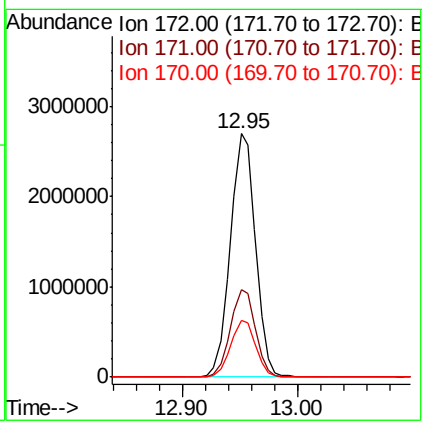


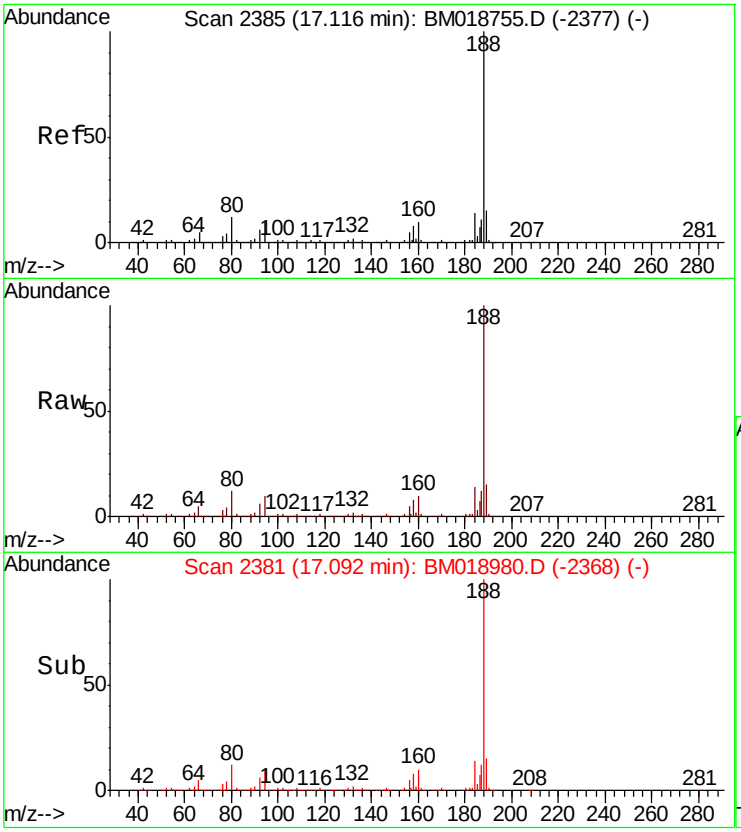




#45
2-Fluorobiphenyl
Concen: 102.797 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

Tgt Ion:172 Resp: 4073403

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.9 | 29.0 | 43.6 |
| 170 | 23.4 | 18.6 | 28.0 |



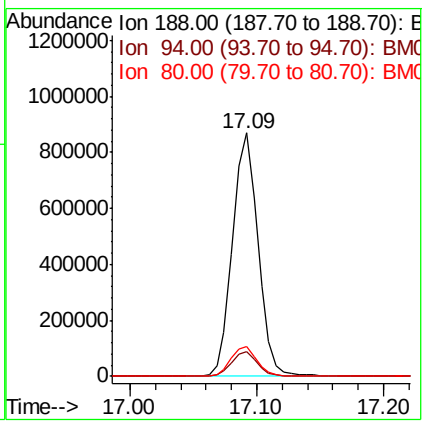


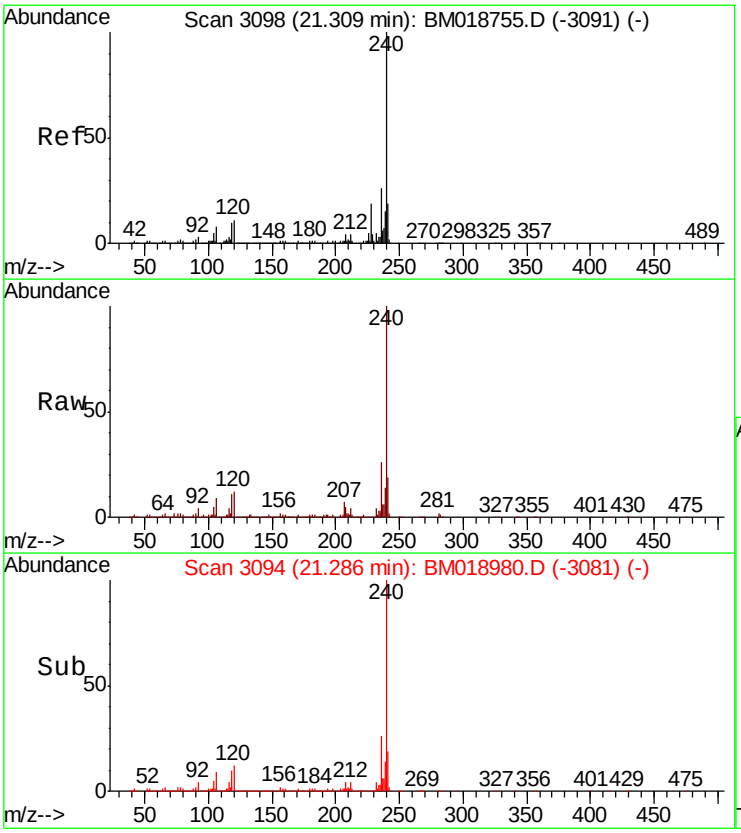

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

**Instrument :**
BNA_M
**ClientSampleId :**
TR-05-022719

Tgt Ion:188 Resp: 1213105

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.4 | 8.2 | 12.2 |
| 80 | 12.0 | 9.7 | 14.5 |

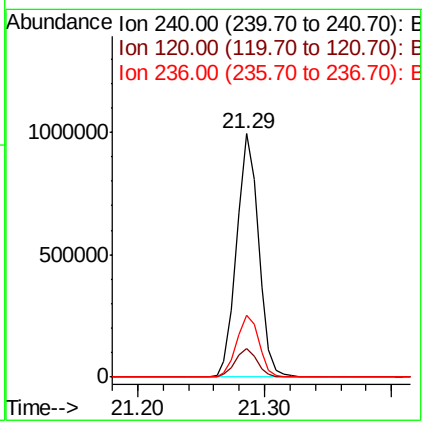


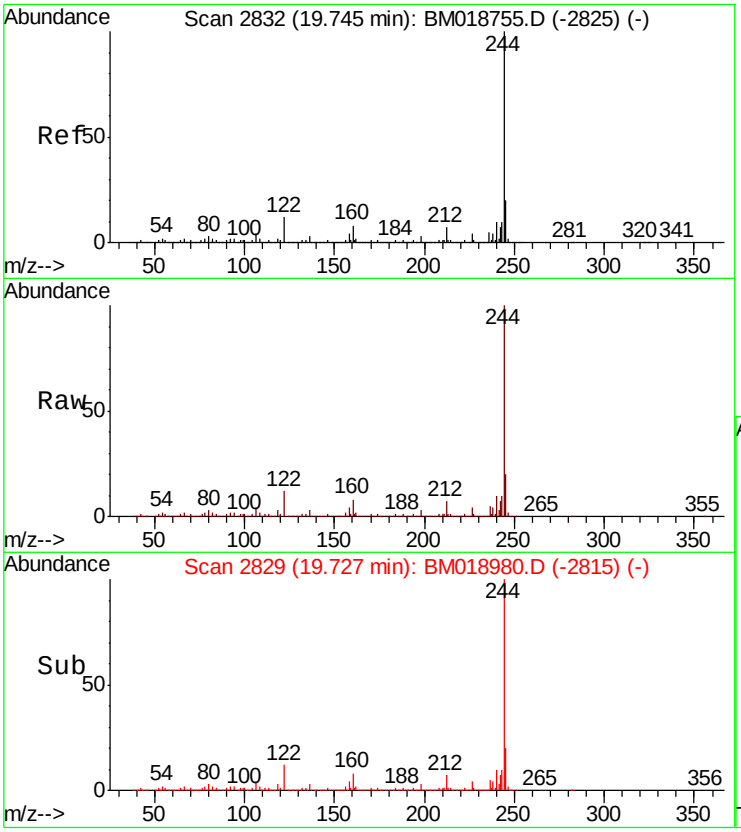




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.29 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

Tgt Ion:240 Resp: 1188690

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.8 | 8.9 | 13.3 |
| 236 | 25.7 | 20.9 | 31.3 |



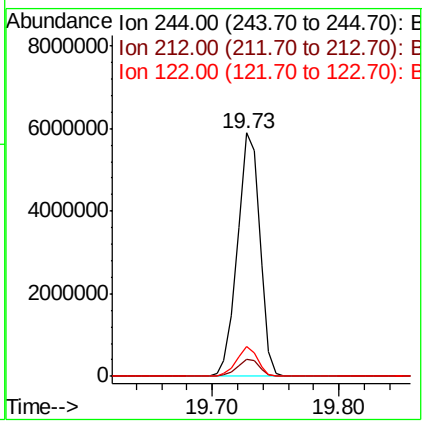


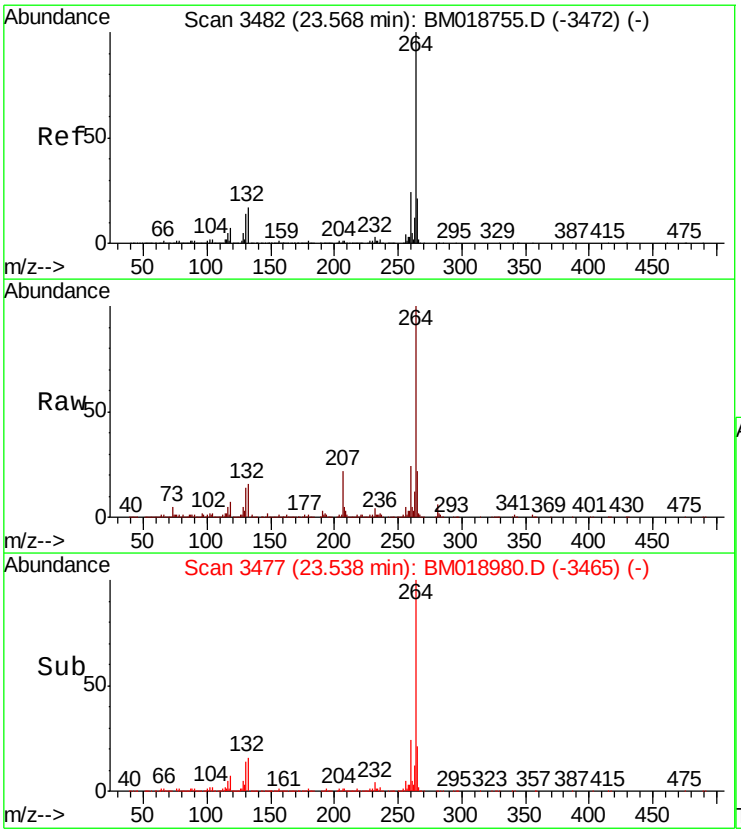

#79
Terphenyl-d14
Concen: 124.322 ng
RT: 19.73 min Scan# 2829
Delta R.T. -0.02 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

**Instrument :**
BNA_M
**ClientSampleId :**
TR-05-022719

Tgt Ion:244 Resp: 7163736

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.6 | 8.4 |
| 122 | 12.2 | 9.3 | 13.9 |




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.54 min Scan# 3477
Delta R.T. -0.03 min
Lab File: BM018980.D
Acq: 28 Feb 2019 21:38

Tgt Ion:264 Resp: 1049723

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.9 | 28.3 |
| 265 | 22.1 | 17.3 | 25.9 |