Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017298.D
Acq On : 23 Oct 2018 23:18
Operator : MJ/SJ
Sample : J5604-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** MS-VB-25868-BOX-1

Quant Time: Oct 24 07:56:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.66 | 152 | 307308 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.43 | 136 | 1113588 | 20.00 | ng | | -0.02 |
| 39) Acenaphthene-d10 | 14.30 | 164 | 579203 | 20.00 | ng | | -0.02 |
| 64) Phenanthrene-d10 | 17.05 | 188 | 1188909 | 20.00 | ng | | -0.02 |
| 76) Chrysene-d12 | 21.24 | 240 | 1295460 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 23.46 | 264 | 1405025 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.29 | 112 | 62594 | 3.44 | ng | | 0.00 |
| 7) Phenol-d6 | 6.85 | 99 | 677927 | 27.40 | ng | | -0.01 |
| 23) Nitrobenzene-d5 | 8.82 | 82 | 1532472 | 80.49 | ng | | -0.02 |
| 42) 2,4,6-Tribromophenol | 15.80 | 330 | 896956 | 114.51 | ng | | -0.02 |
| 45) 2-Fluorobiphenyl | 12.92 | 172 | 3390041 | 77.88 | ng | | -0.02 |
| 79) Terphenyl-d14 | 19.69 | 244 | 4133407 | 71.92 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.82 | 77 | 64958 | 4.117 | ng | | 96 |
| 10) Phenol | 6.87 | 94 | 127408 | 4.784 | ng | | 99 |
| 27) 2,4-Dimethylphenol | 9.66 | 122 | 129275 | 9.299 | ng | # | 88 |
| 32) Benzoic acid | 9.73 | 122 | 35508 | 3.423 | ng | # | 85 |
| 50) Dimethylphthalate | 13.76 | 163 | 251660 | 5.632 | ng | | 99 |

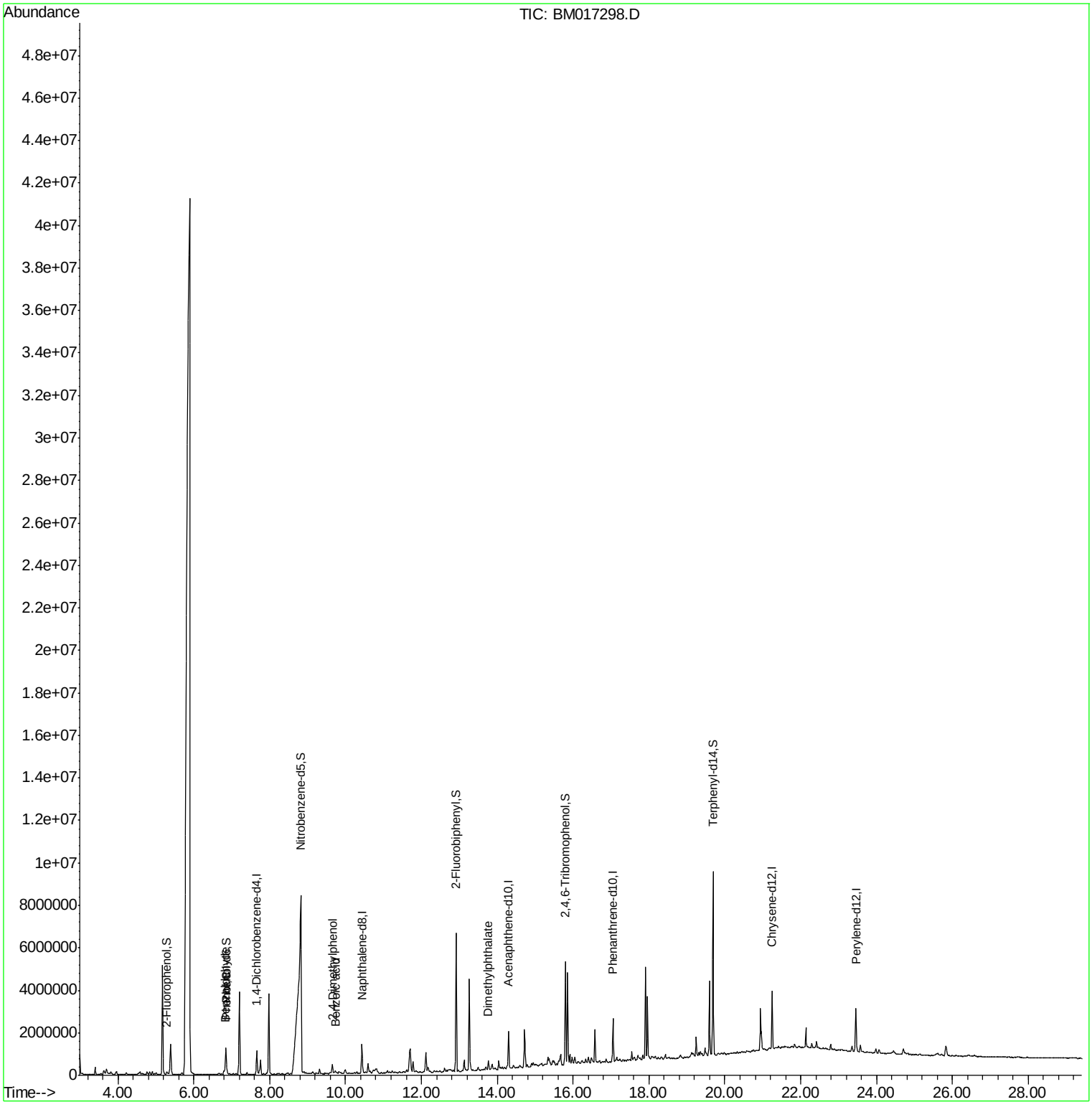
(#) = qualifier out of range (m) = manual integration (+) = signals summed

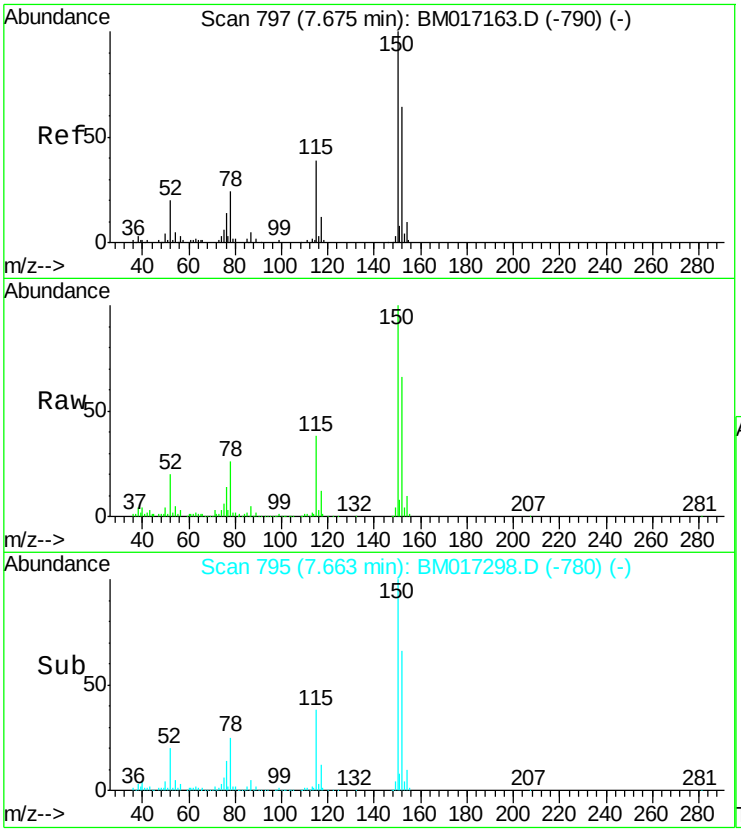
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102318\
Data File : BM017298.D
Acq On : 23 Oct 2018 23:18
Operator : MJ/SJ
Sample : J5604-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Quant Time: Oct 24 07:56:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration



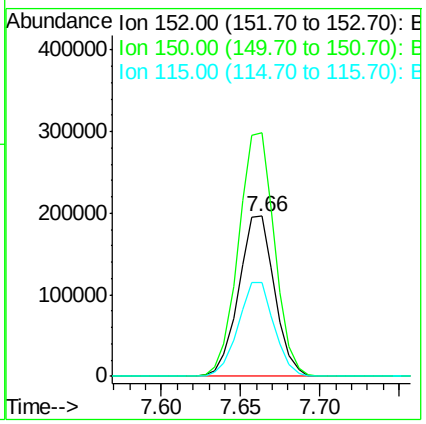


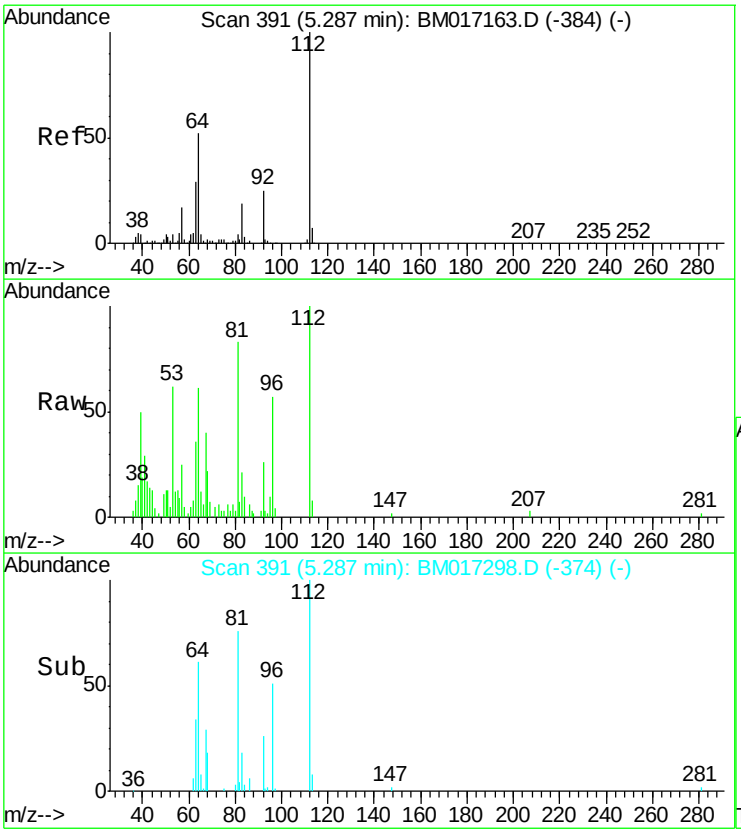

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 795
Delta R.T. -0.01 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion:152 Resp: 307308

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 152.0 | 124.3 | 186.5 |
| 115 | 58.2 | 48.1 | 72.1 |

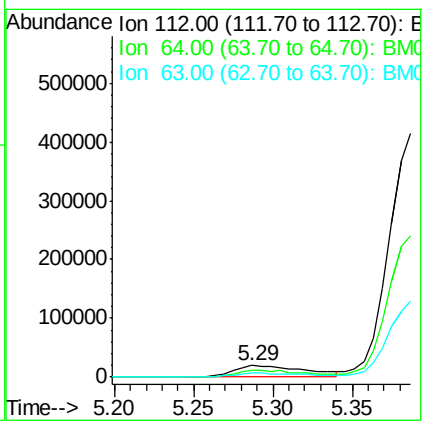


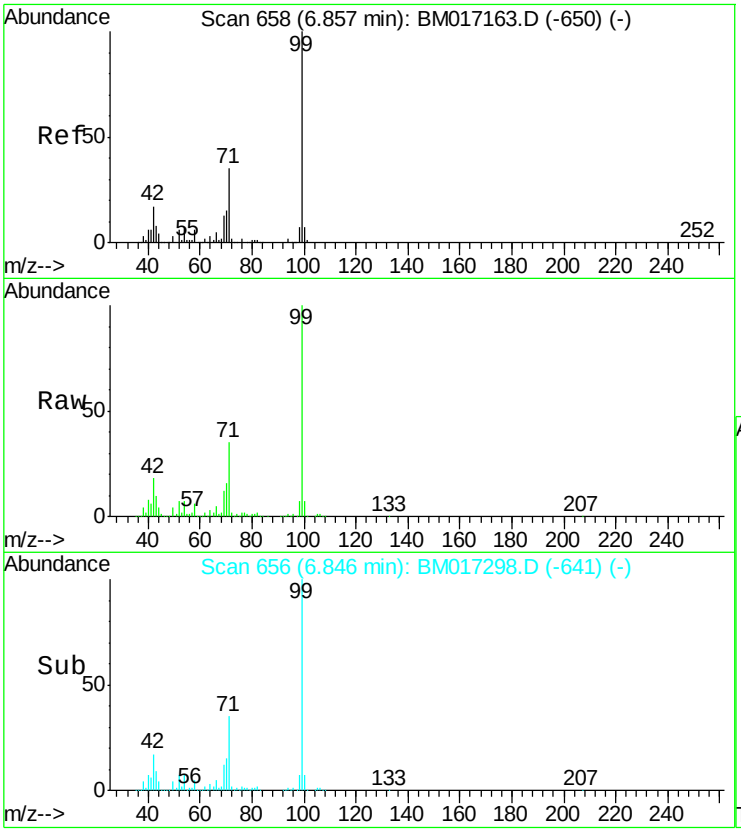




#5
2-Fluorophenol
Concen: 3.445 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion:112 Resp: 62594

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 60.7 | 41.7 | 62.5 |
| 63 | 36.4 | 23.0 | 34.4# |



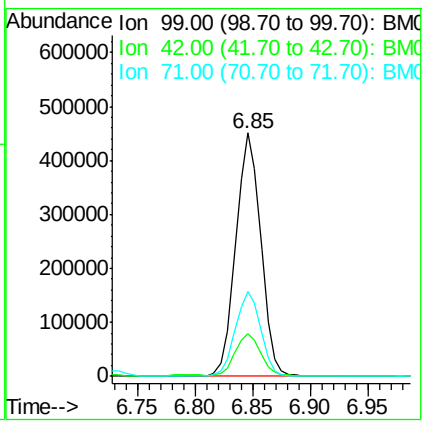


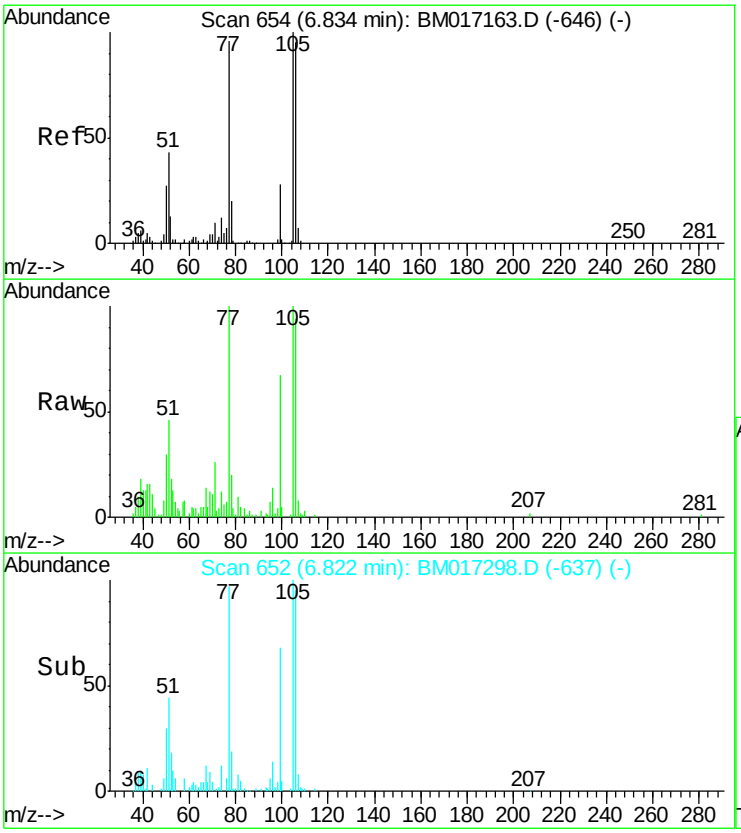

#7
Phenol-d6
Concen: 27.396 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.01 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion: 99 Resp: 677927

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.6 | 13.3 | 19.9 |
| 71 | 34.8 | 28.0 | 42.0 |

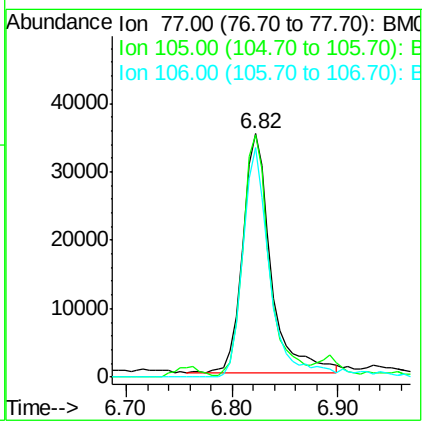


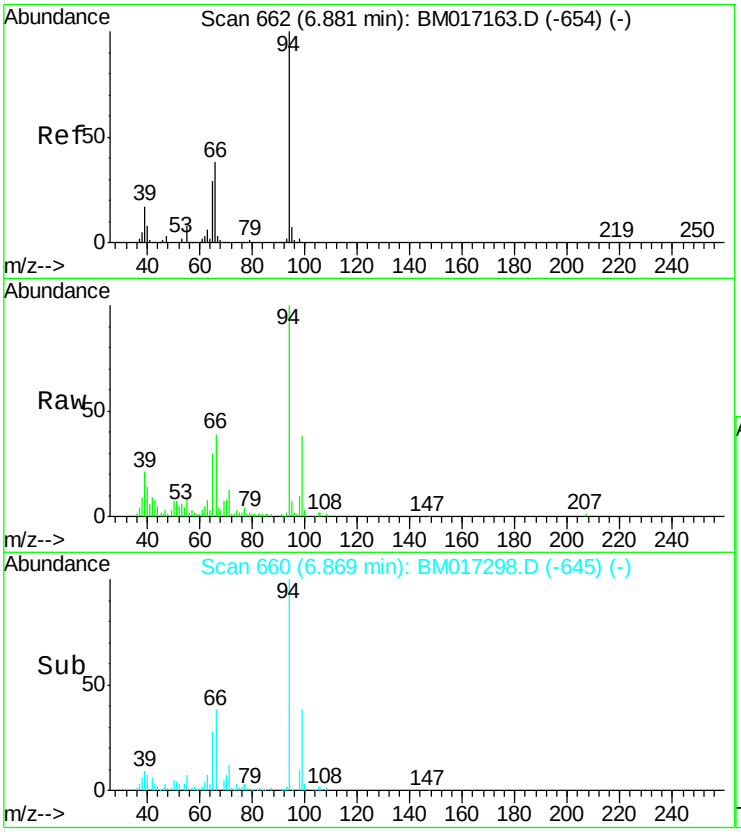




#9
Benzaldehyde
Concen: 4.117 ng
RT: 6.82 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion: 77 Resp: 64958

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 99.6 | 83.9 | 123.9 |
| 106 | 94.4 | 78.2 | 118.2 |



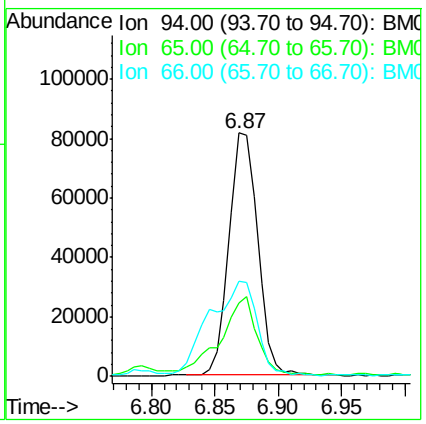


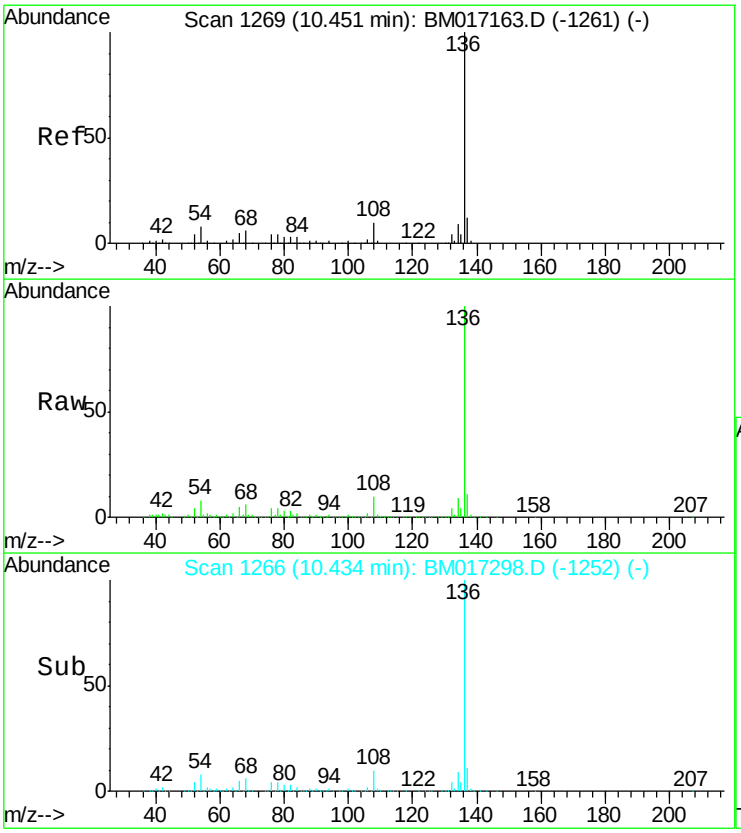

#10
Phenol
Concen: 4.784 ng
RT: 6.87 min Scan# 660
Delta R.T. -0.01 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion: 94 Resp: 127408

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 30.2 | 9.4 | 49.4 |
| 66 | 39.1 | 19.0 | 59.0 |

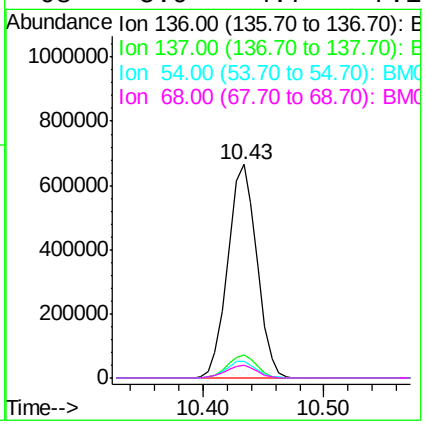


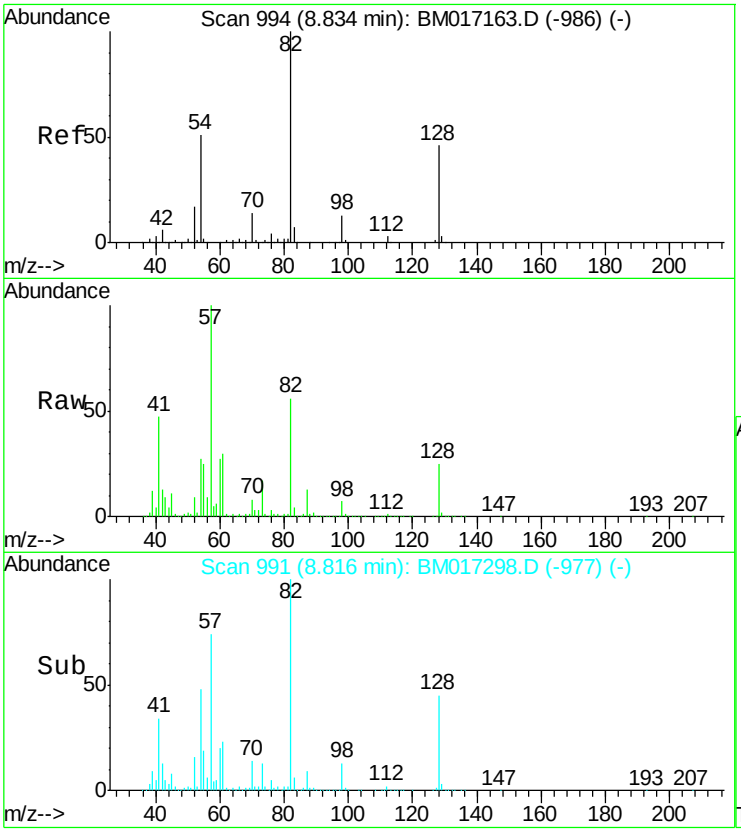




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.43 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion:136 Resp: 1113588

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.2 | 13.8 |
| 54 | 8.0 | 6.7 | 10.1 |
| 68 | 5.9 | 4.7 | 7.1 |



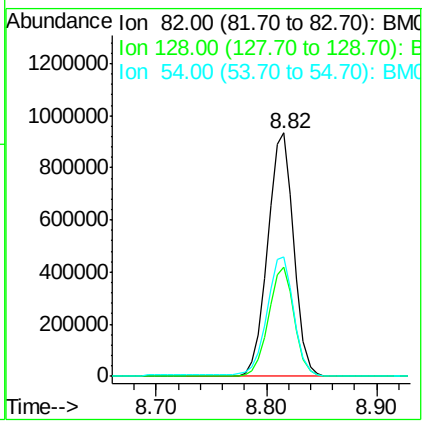


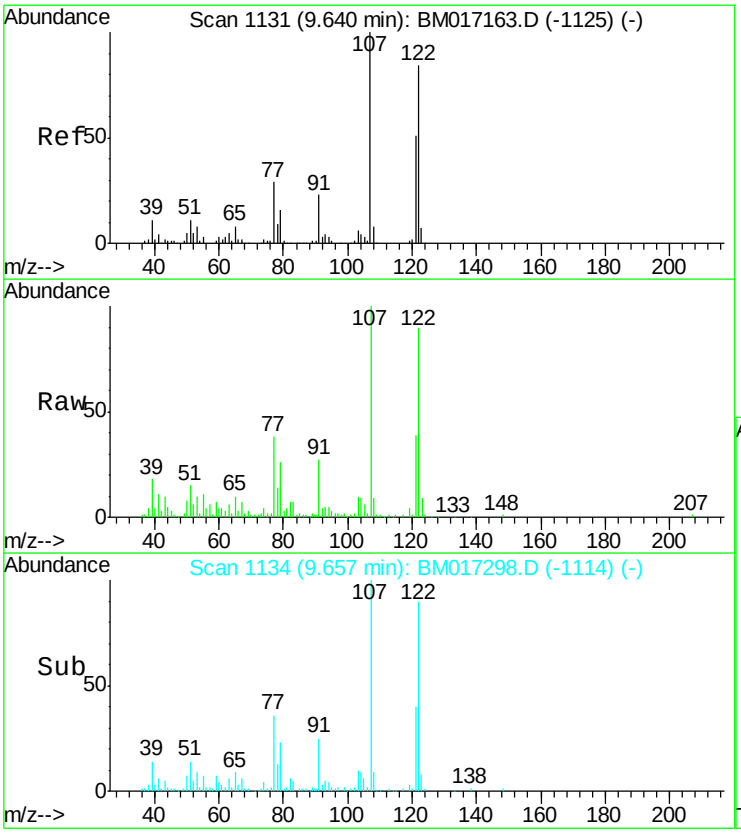

#23
Nitrobenzene-d5
Concen: 80.485 ng
RT: 8.82 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion: 82 Resp: 1532472

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.1 | 37.0 | 55.6 |
| 54 | 48.9 | 40.7 | 61.1 |

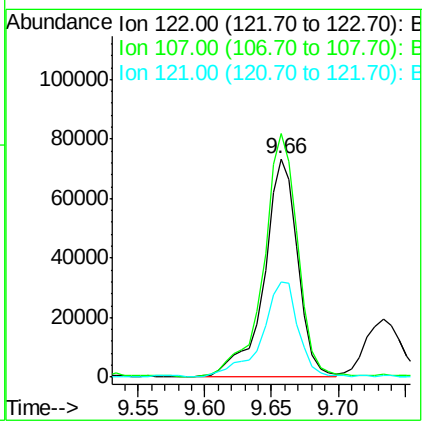


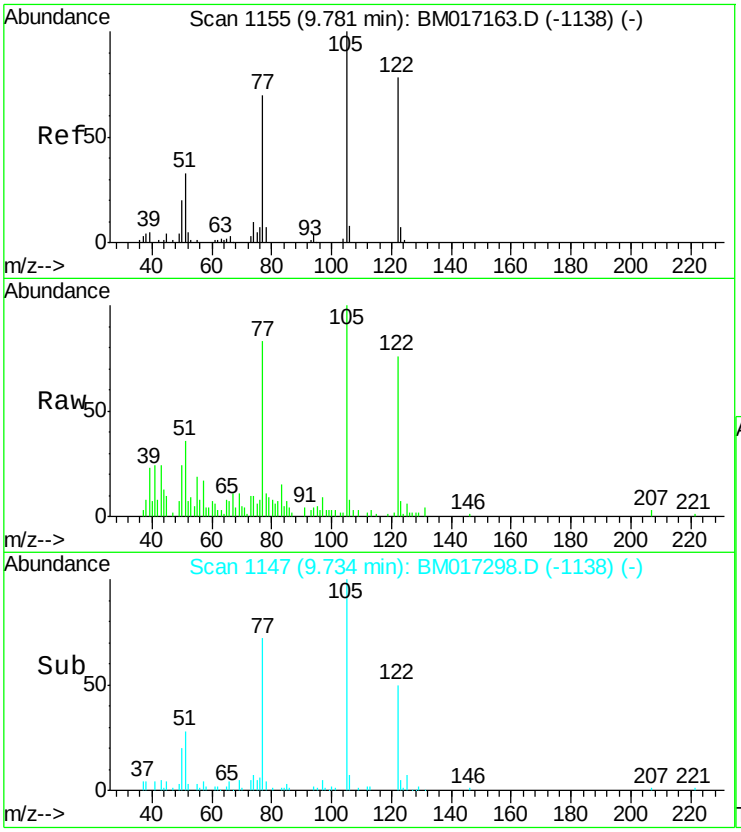




#27
2,4-Dimethylphenol
Concen: 9.299 ng
RT: 9.66 min Scan# 1134
Delta R.T. 0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion:122 Resp: 129275

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 107 | 111.5 | 95.0 | 142.6 |
| 121 | 43.8 | 48.2 | 72.4# |



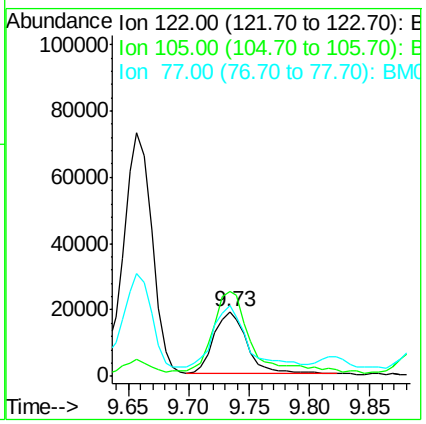


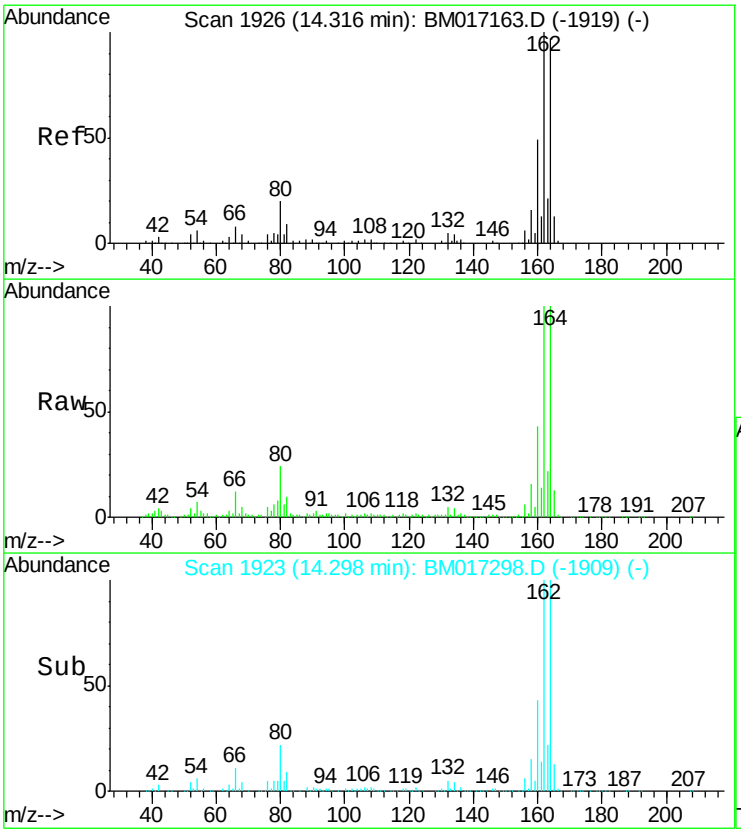

#32
Benzoic acid
Concen: 3.423 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.05 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion:122 Resp: 35508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 132.1 | 102.0 | 142.0 |
| 77 | 109.9 | 67.7 | 107.7# |

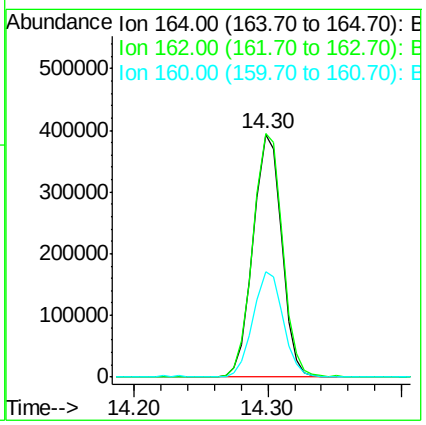


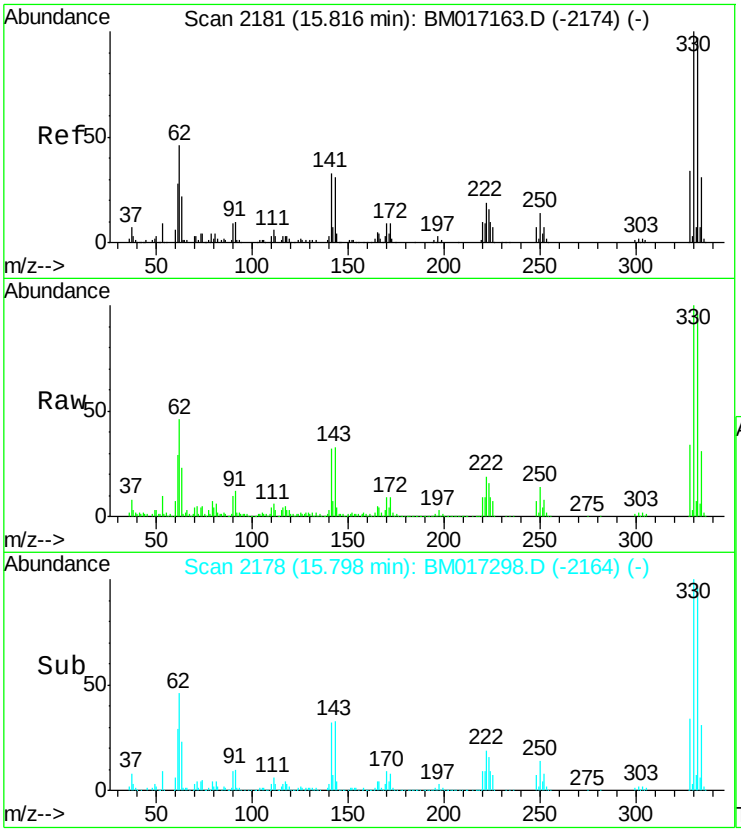




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1923
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion:164 Resp: 579203

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 82.1 | 123.1 |
| 160 | 43.6 | 40.2 | 60.2 |



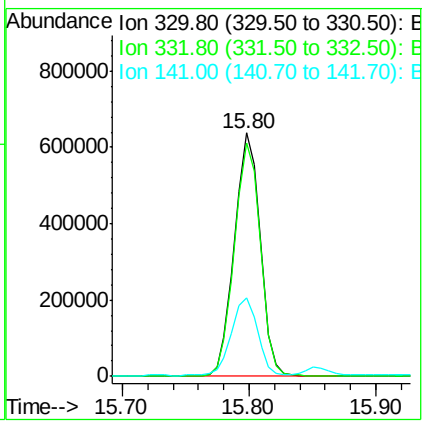


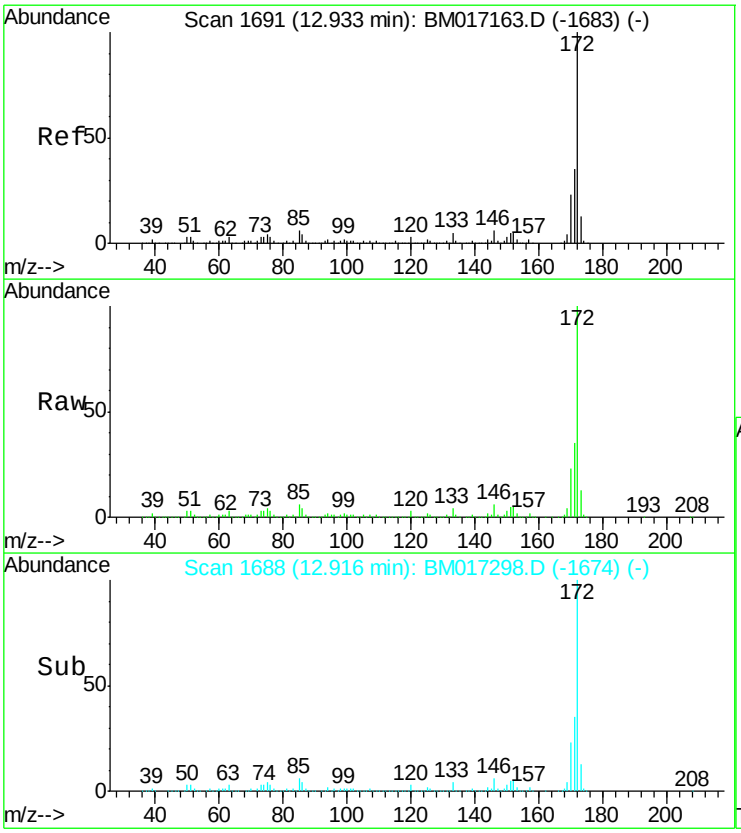

#42
2,4,6-Tribromophenol
Concen: 114.512 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion:330 Resp: 896956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.8 | 77.3 | 115.9 |
| 141 | 32.4 | 27.4 | 41.0 |

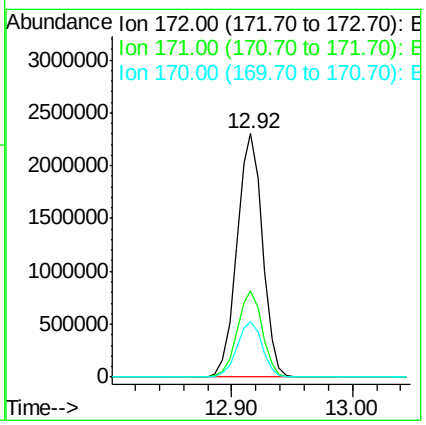


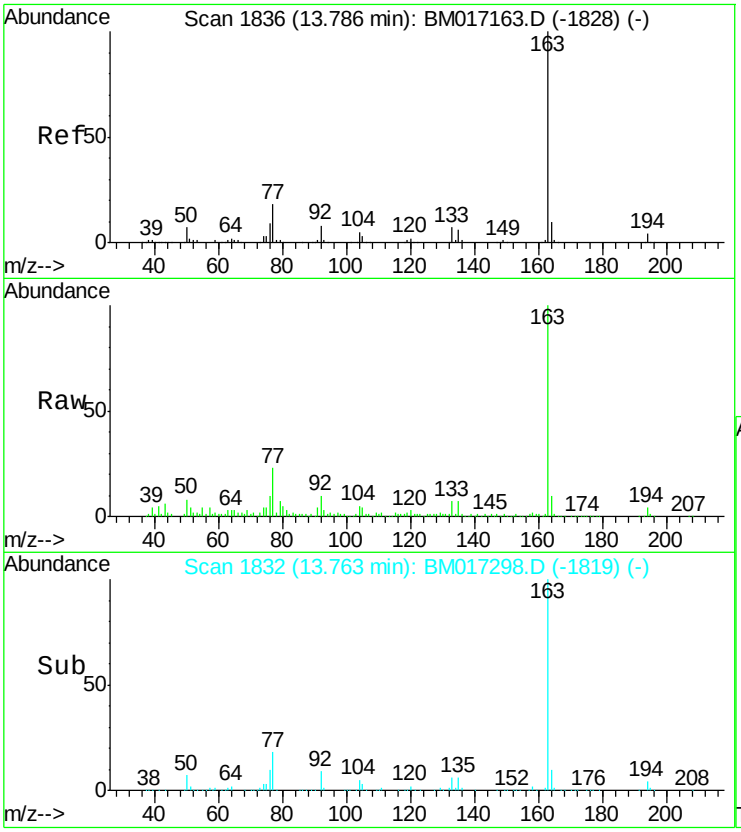




#45
2-Fluorobiphenyl
Concen: 77.876 ng
RT: 12.92 min Scan# 1688
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion:172 Resp: 3390041

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.3 | 42.5 |
| 170 | 22.8 | 18.3 | 27.5 |



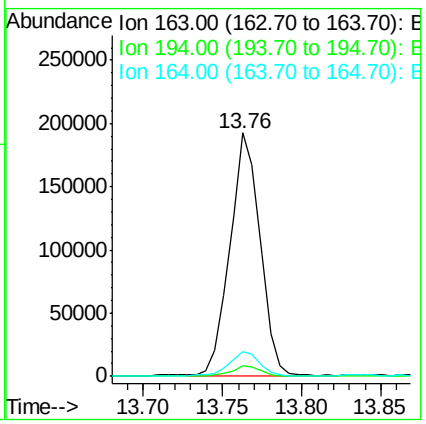


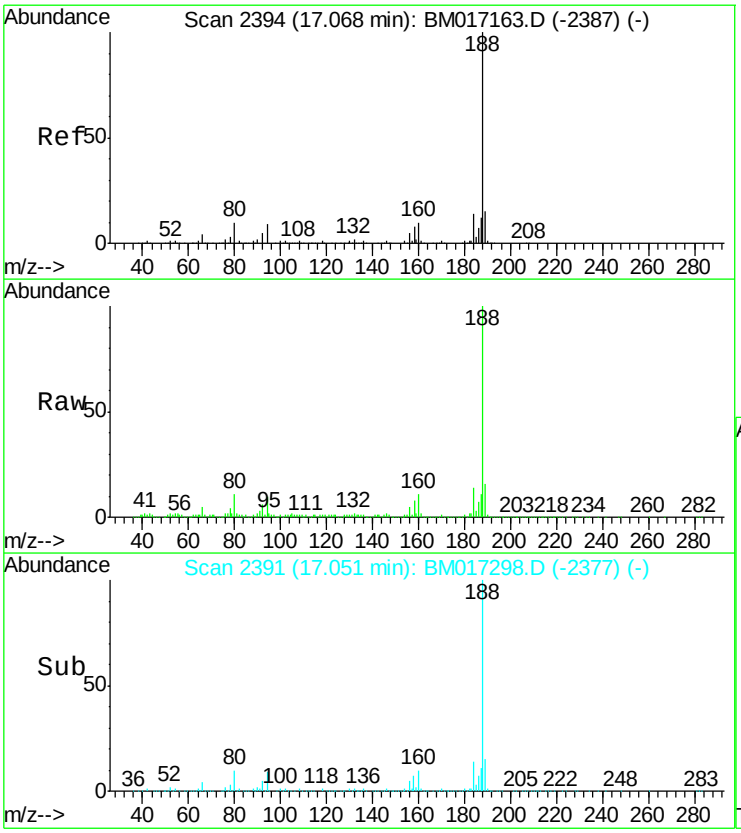

#50
Dimethylphthalate
Concen: 5.632 ng
RT: 13.76 min Scan# 1832
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion:163 Resp: 251660

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.3 | 4.9 |
| 164 | 10.1 | 7.8 | 11.8 |

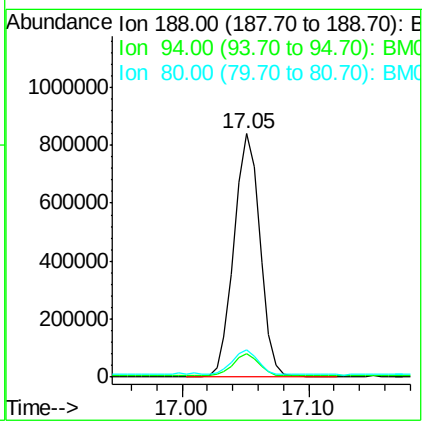


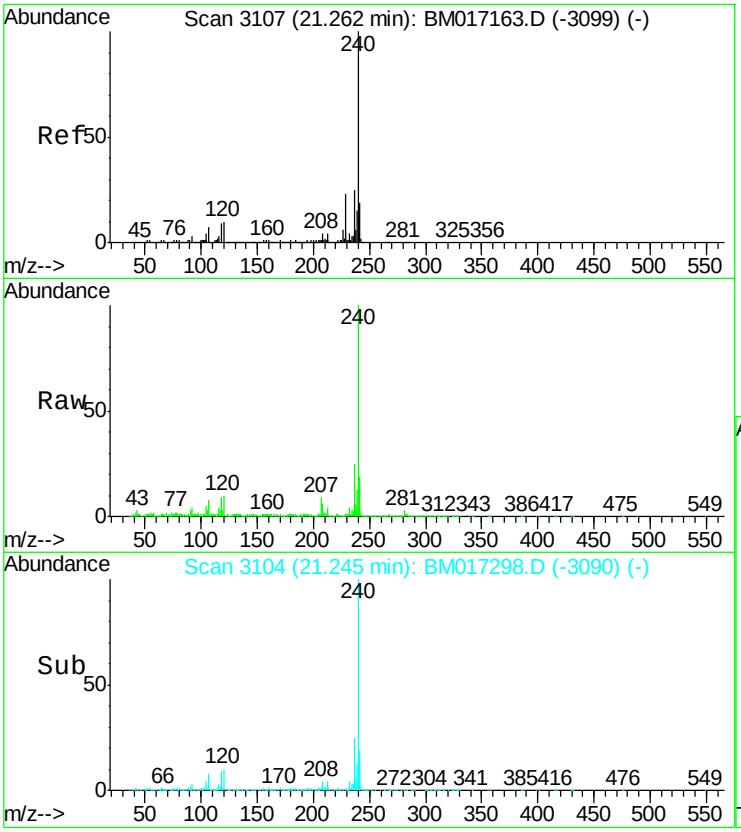




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2391
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion:188 Resp: 1188909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.6 | 7.0 | 10.4 |
| 80 | 11.2 | 7.7 | 11.5 |



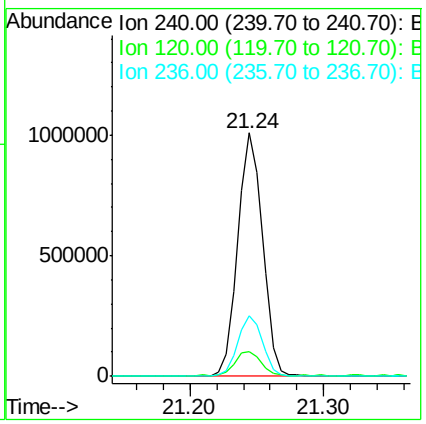


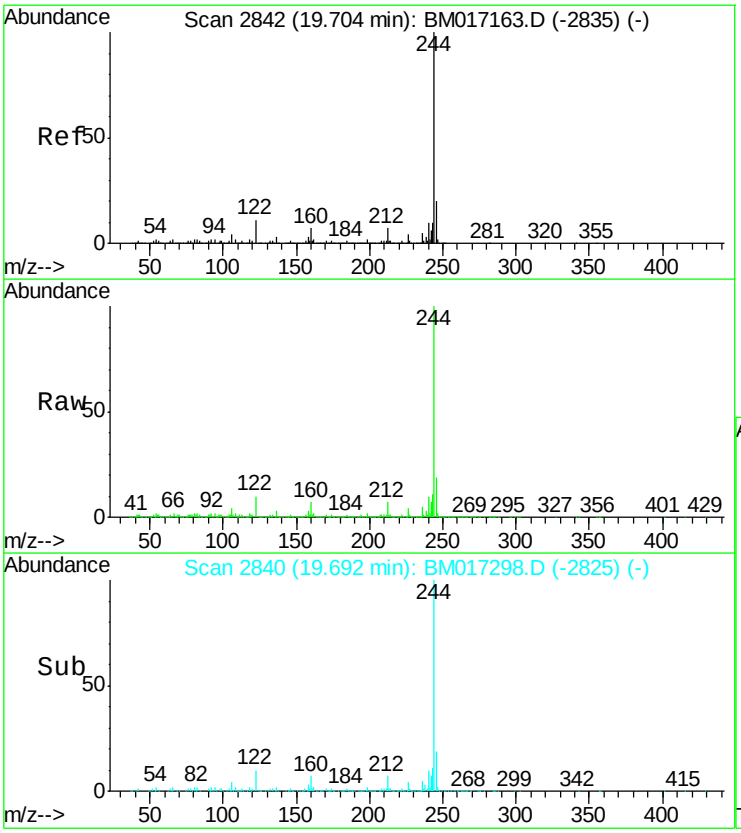

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion:240 Resp: 1295460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 8.1 | 12.1 |
| 236 | 24.9 | 19.9 | 29.9 |

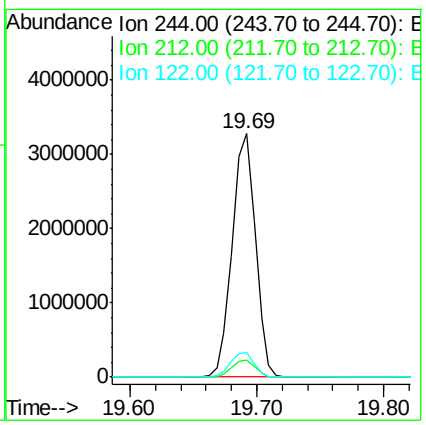


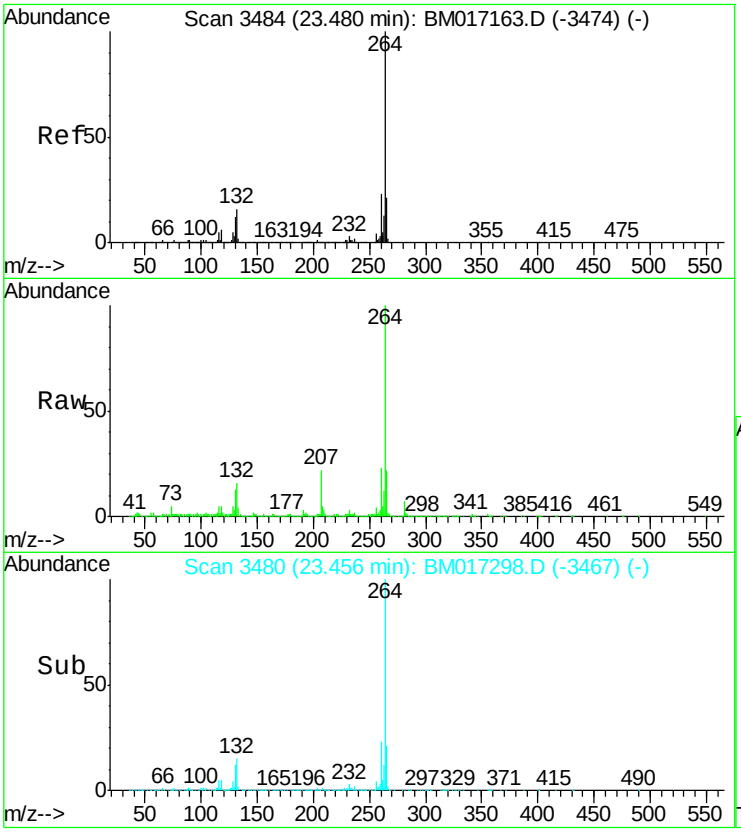




#79
Terphenyl-d14
Concen: 71.918 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

Tgt Ion:244 Resp: 4133407

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 5.5 | 8.3 |
| 122 | 10.0 | 8.4 | 12.6 |






#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3480
Delta R.T. -0.02 min
Lab File: BM017298.D
Acq: 23 Oct 2018 23:18

**Instrument :**
BNA_M
**ClientSampleId :**
MS-VB-25868-BOX-1

Tgt Ion:264 Resp: 1405025

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.3 | 18.6 | 27.8 |
| 265 | 22.1 | 17.8 | 26.8 |