Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
Data File : BM026313.D
Acq On : 09 Jun 2020 22:23
Operator : JU/CG
Sample : L2961-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** FM-CON-2

Quant Time: Jun 10 00:24:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:46:47 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.43 | 152 | 176945 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.19 | 136 | 727568 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.08 | 164 | 414004 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.83 | 188 | 780681 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.04 | 240 | 668259 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.14 | 264 | 685054 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.06 | 112 | 600 | 0.06 | ng | 0.00 |
| 7) Phenol-d6 | 6.63 | 99 | 18819 | 1.30 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.57 | 82 | 816090 | 55.07 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.59 | 330 | 1621 | 0.32 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.69 | 172 | 1644521 | 60.30 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.49 | 244 | 1983844 | 57.63 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 50) Dimethylphthalate | 13.55 | 163 | 159574 | 5.270 | ng | 99 |
| 71) Phenanthrene | 16.87 | 178 | 81484 | 2.004 | ng | 99 |
| 75) Fluoranthene | 18.90 | 202 | 102883 | 2.207 | ng | 98 |
| 78) Pyrene | 19.26 | 202 | 102063 | 2.312 | ng | 98 |

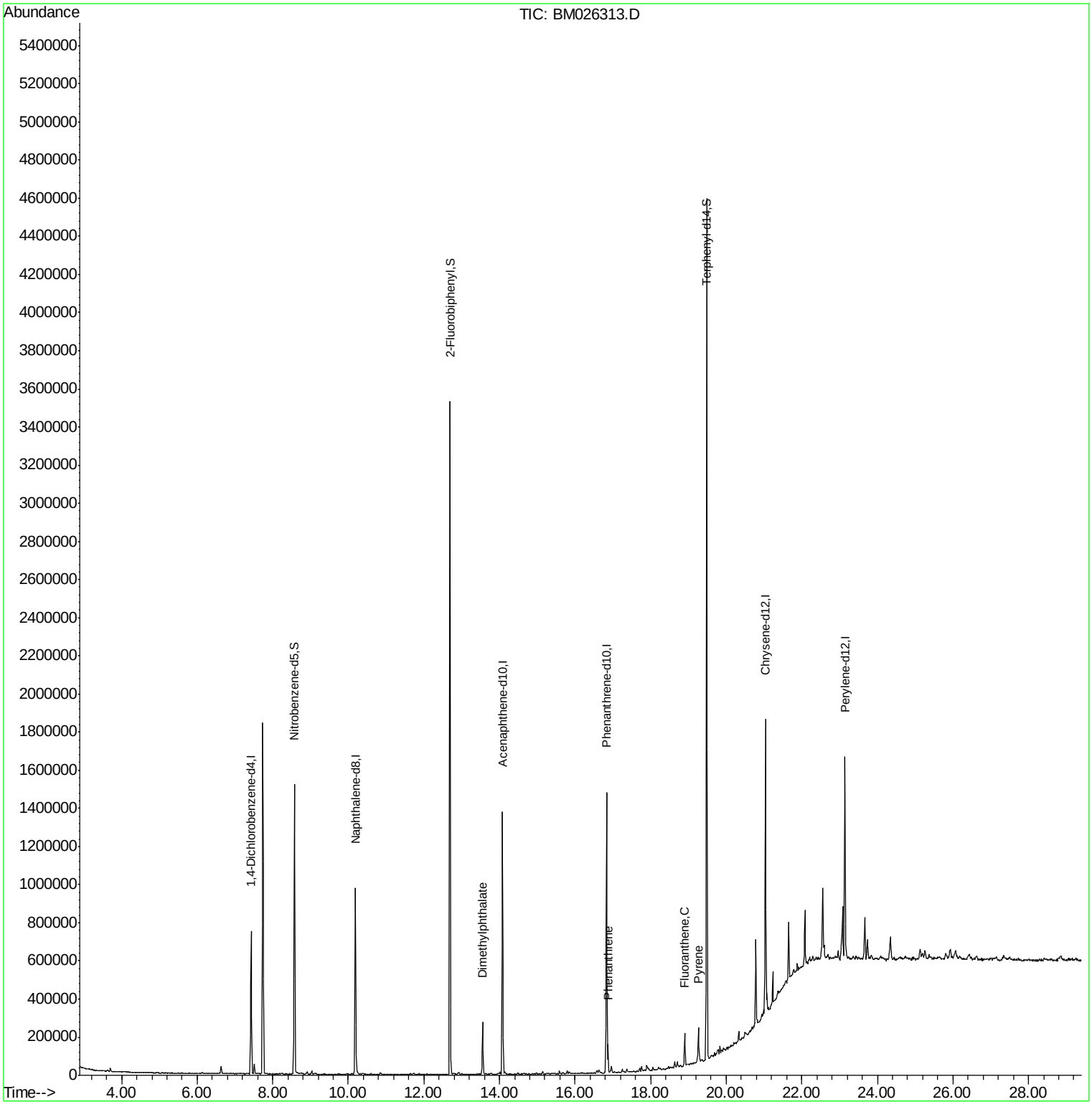
(#) = qualifier out of range (m) = manual integration (+) = signals summed

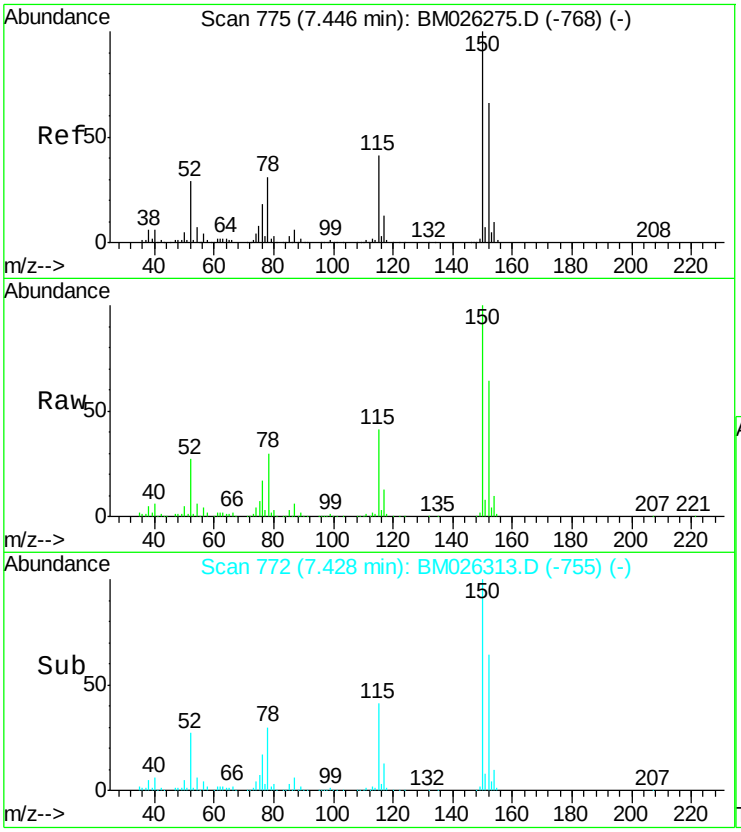
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060920\
Data File : BM026313.D
Acq On : 09 Jun 2020 22:23
Operator : JU/CG
Sample : L2961-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Quant Time: Jun 10 00:24:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM060520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 09 14:46:47 2020
Response via : Initial Calibration



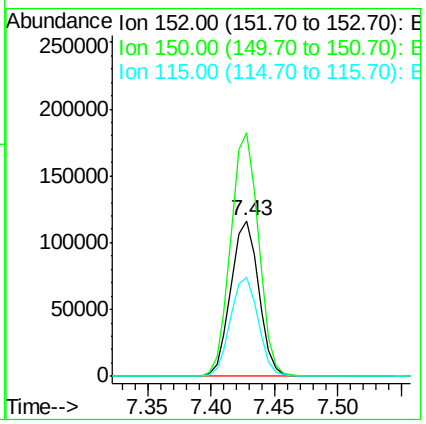


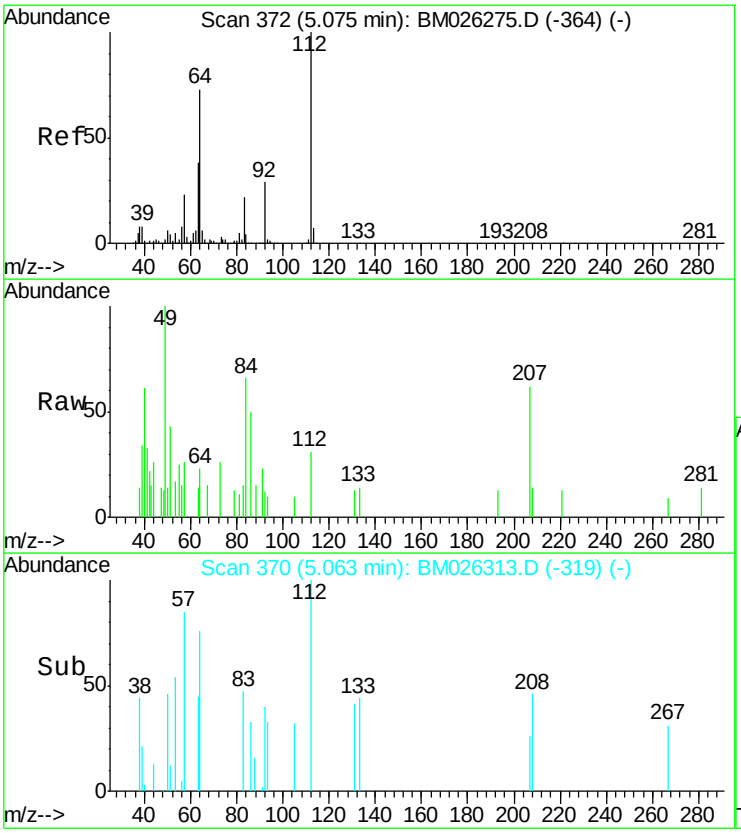

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.43 min Scan# 772
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Tgt Ion:152 Resp: 176945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 122.1 | 183.1 |
| 115 | 63.5 | 49.7 | 74.5 |

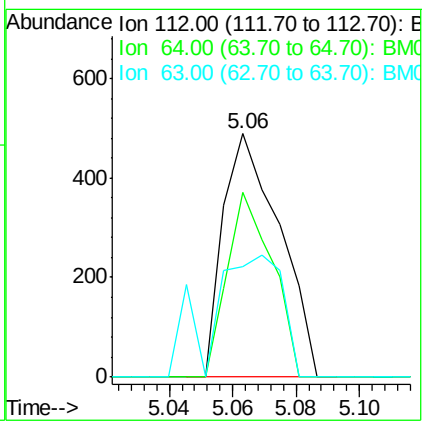


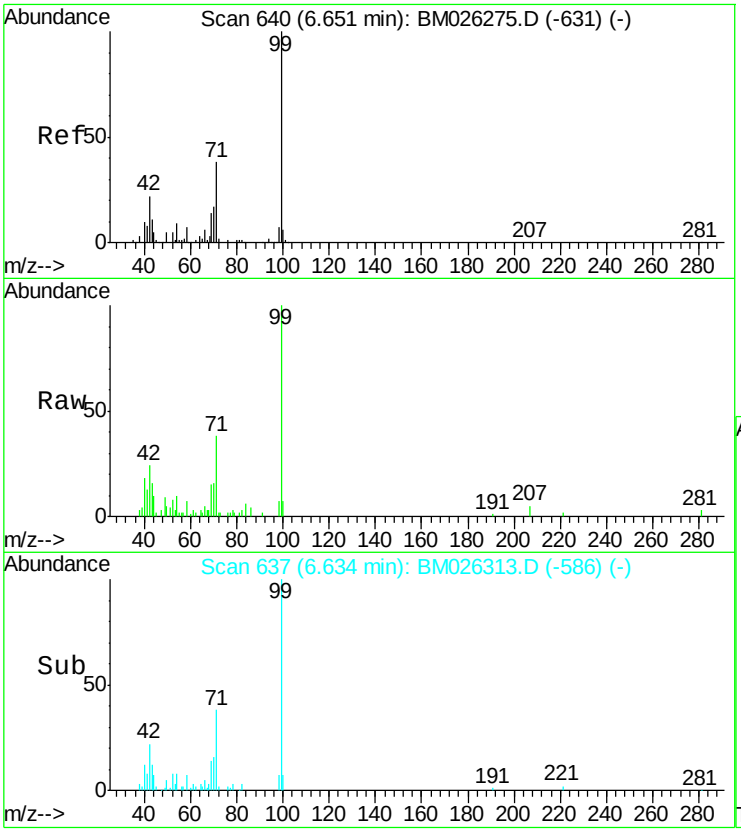




#5
2-Fluorophenol
Concen: 0.060 ng
RT: 5.06 min Scan# 370
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:112 Resp: 600

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 75.9 | 58.1 | 87.1 |
| 63 | 45.2 | 30.6 | 45.8 |



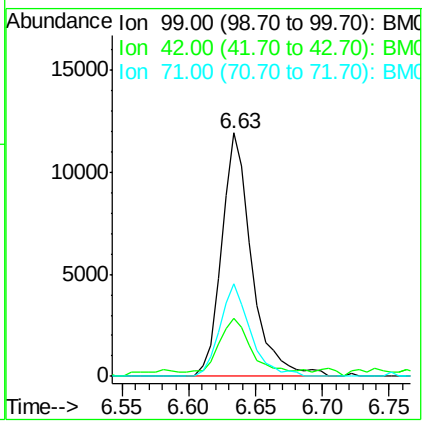


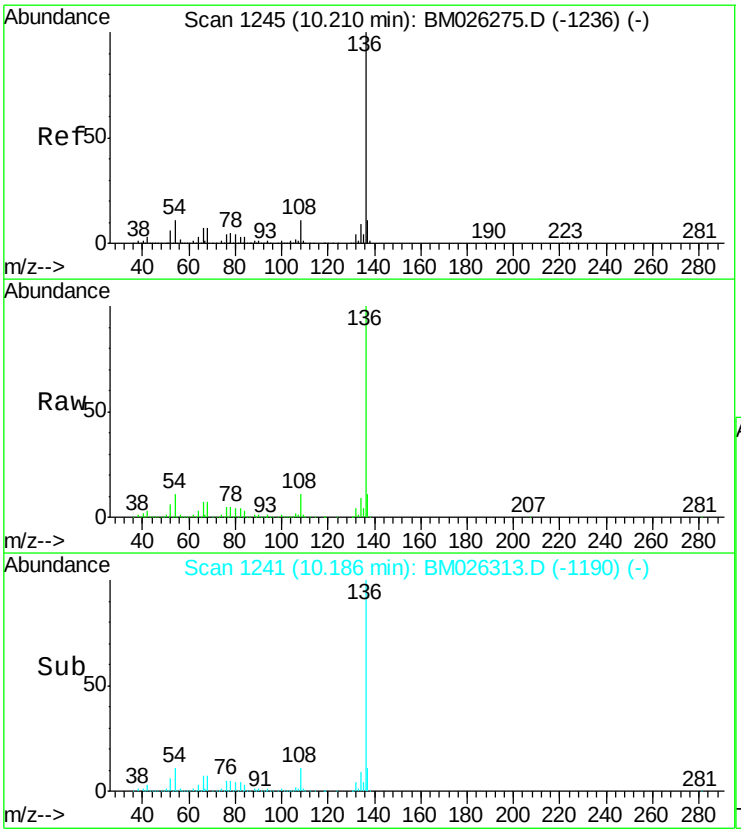

#7
Phenol-d6
Concen: 1.299 ng
RT: 6.63 min Scan# 637
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Tgt Ion: 99 Resp: 18819

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 23.7 | 18.0 | 27.0 |
| 71 | 37.8 | 30.6 | 45.8 |

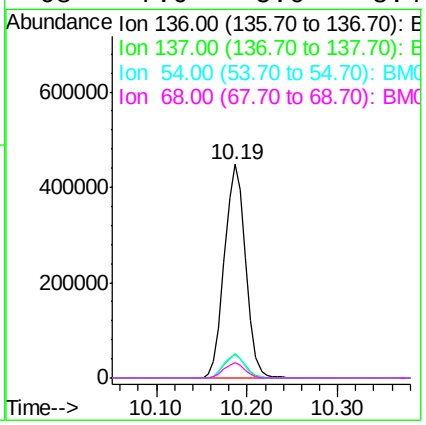


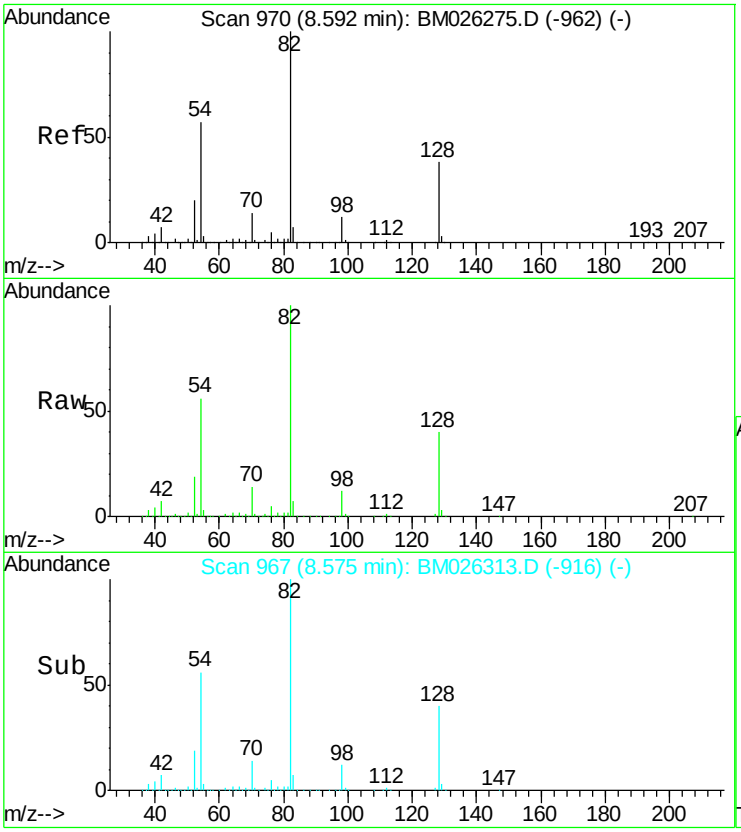




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.19 min Scan# 1241
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:136 Resp: 727568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.6 | 13.0 |
| 54 | 11.0 | 9.0 | 13.4 |
| 68 | 7.0 | 5.6 | 8.4 |



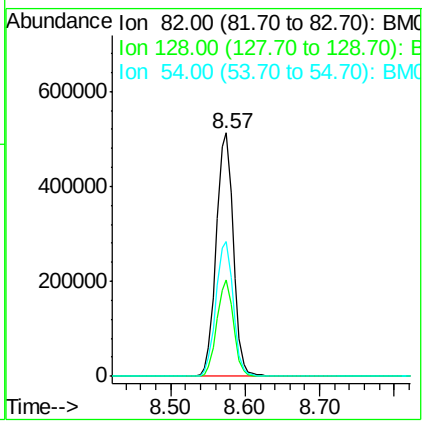


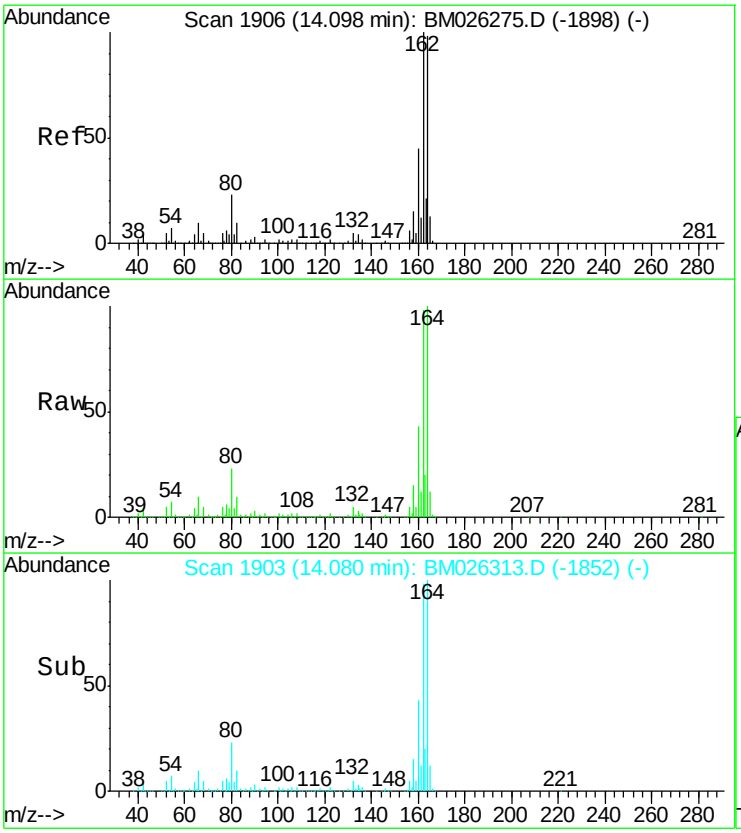

#23
Nitrobenzene-d5
Concen: 55.074 ng
RT: 8.57 min Scan# 967
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Tgt Ion: 82 Resp: 816090

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.8 | 30.3 | 45.5 |
| 54 | 55.6 | 45.4 | 68.2 |

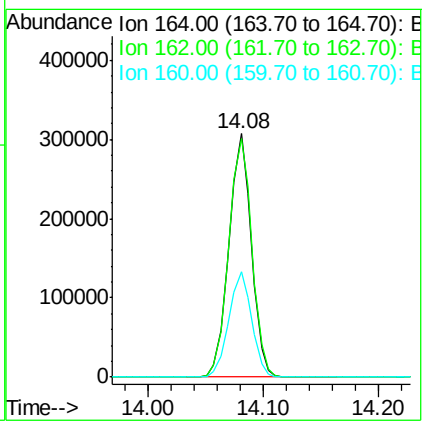


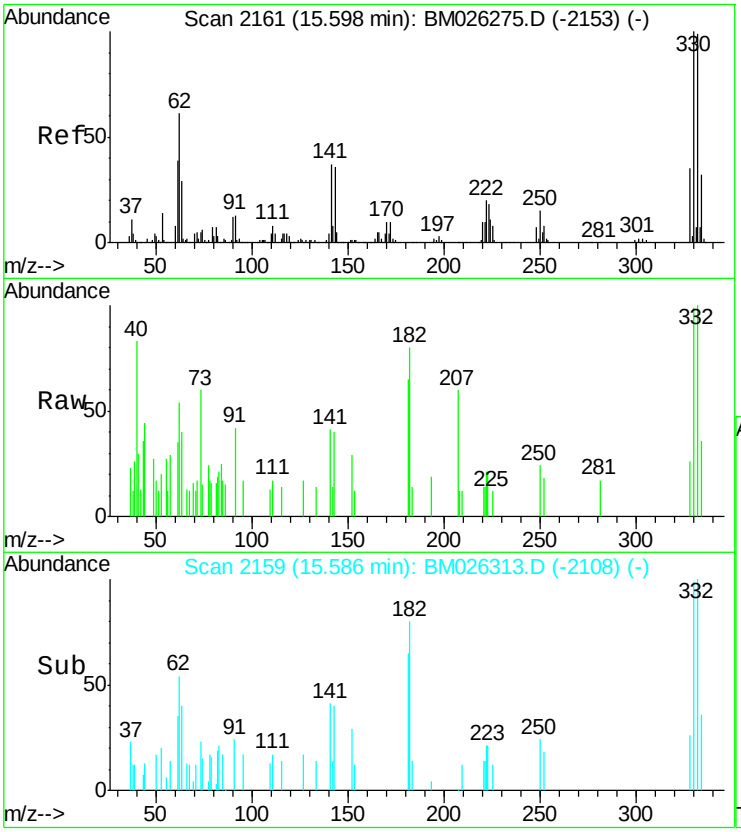




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.08 min Scan# 1903
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:164 Resp: 414004

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.1 | 81.4 | 122.2 |
| 160 | 43.2 | 36.4 | 54.6 |



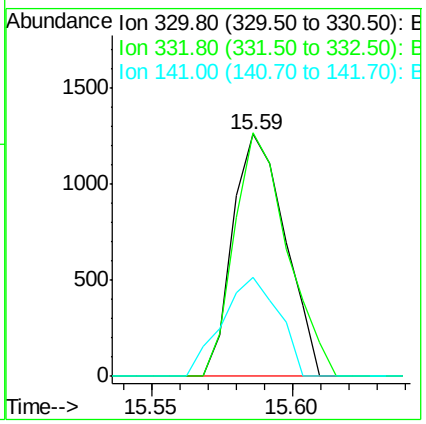


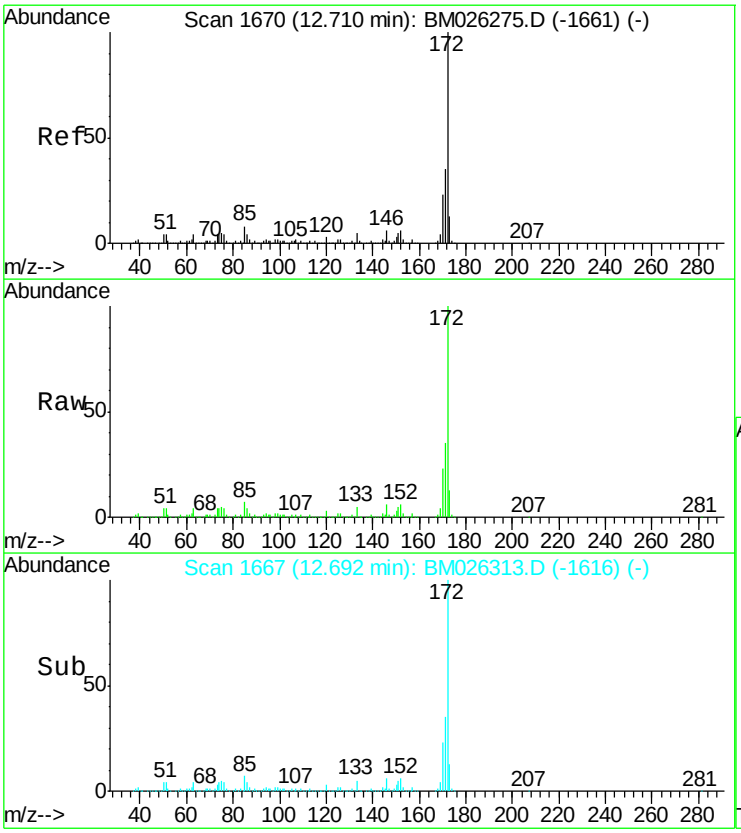

#42
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.59 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Tgt Ion:330 Resp: 1621

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 101.4 | 78.1 | 117.1 |
| 141 | 44.2 | 30.0 | 45.0 |

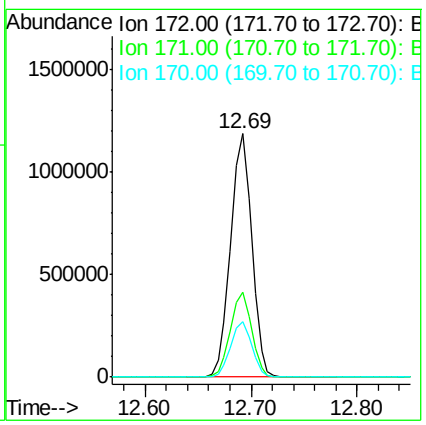


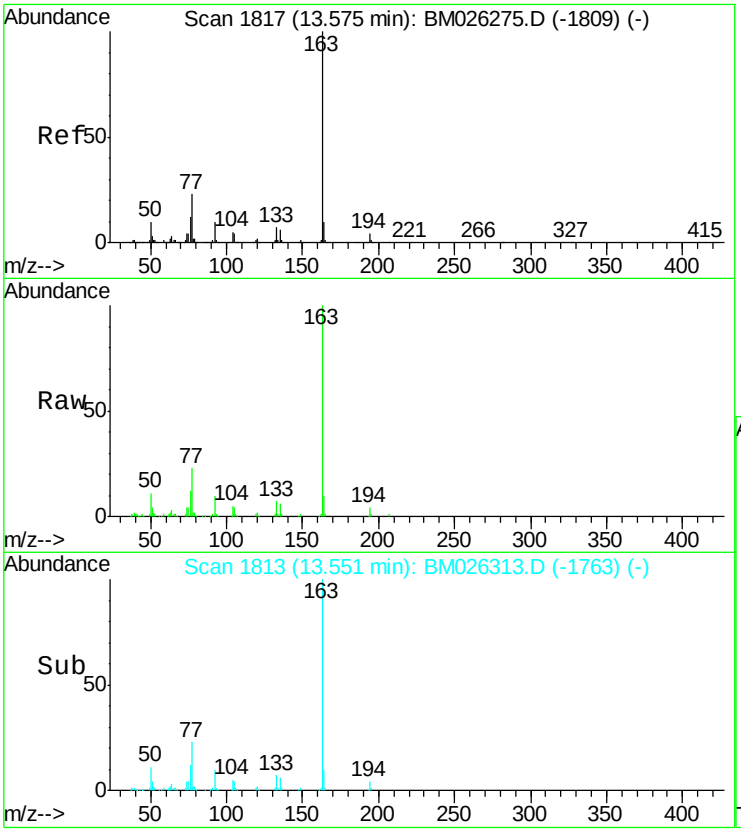




#45
2-Fluorobiphenyl
Concen: 60.297 ng
RT: 12.69 min Scan# 1667
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:172 Resp: 1644521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.9 | 28.2 | 42.2 |
| 170 | 22.7 | 18.3 | 27.5 |



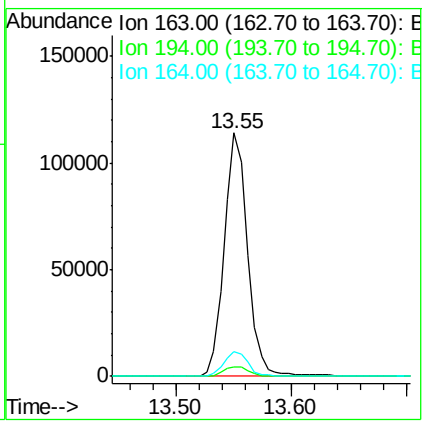


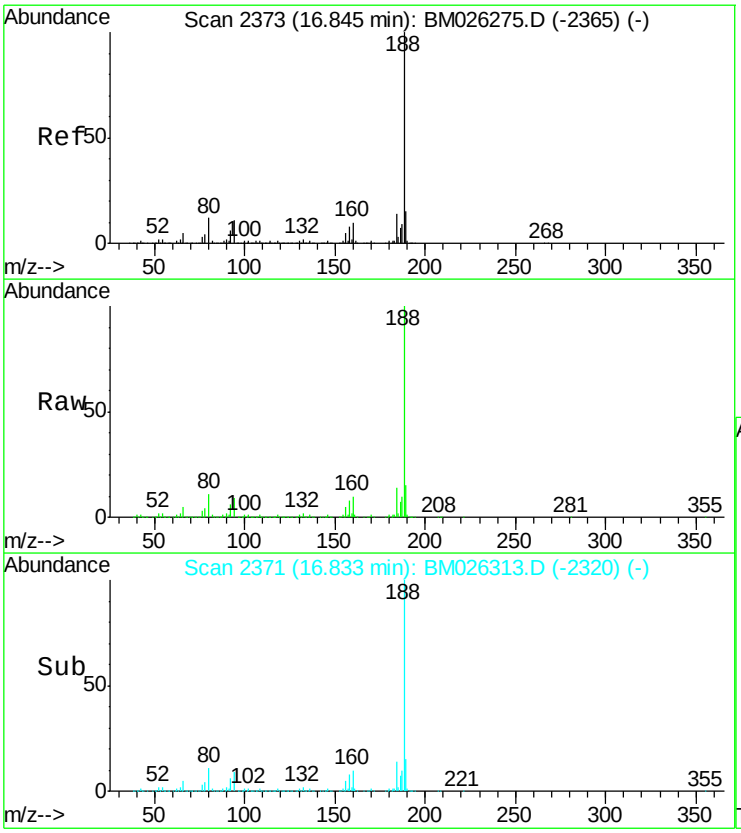

#50
Dimethylphthalate
Concen: 5.270 ng
RT: 13.55 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Tgt Ion:163 Resp: 159574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.4 | 5.2 |
| 164 | 10.3 | 8.0 | 12.0 |

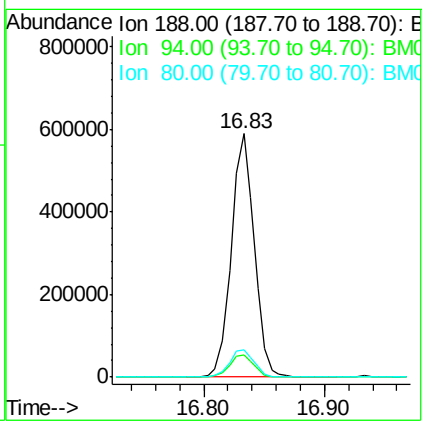


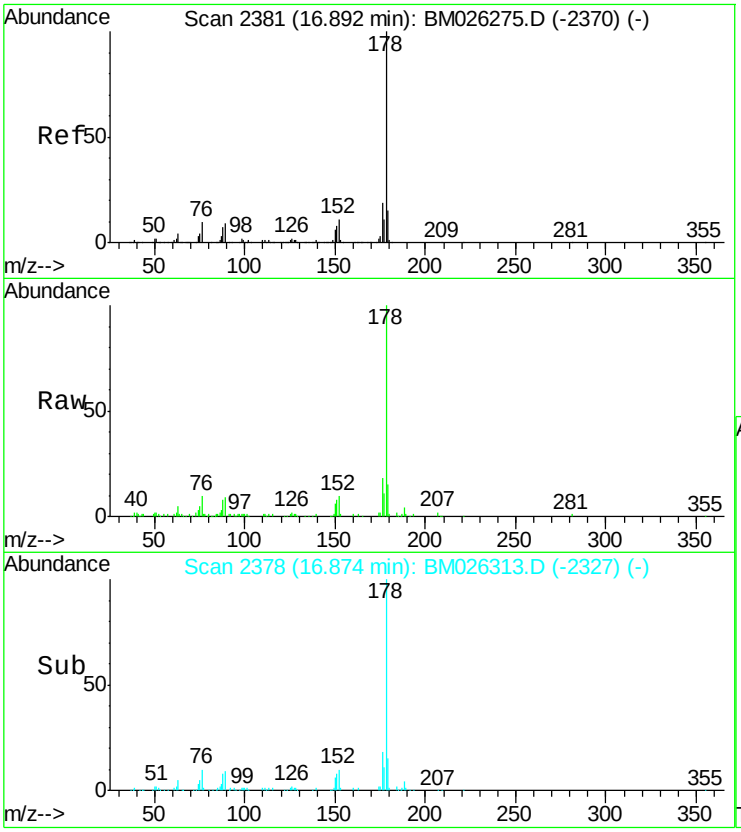




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:188 Resp: 780681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 8.6 | 12.8 |
| 80 | 11.2 | 9.7 | 14.5 |



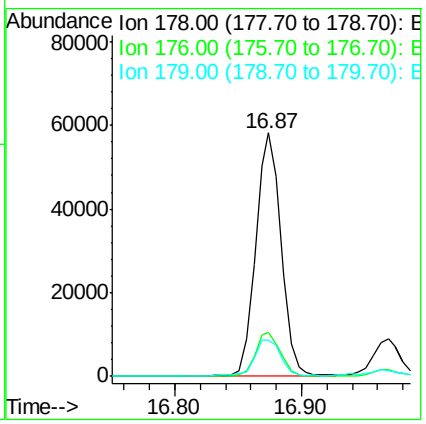


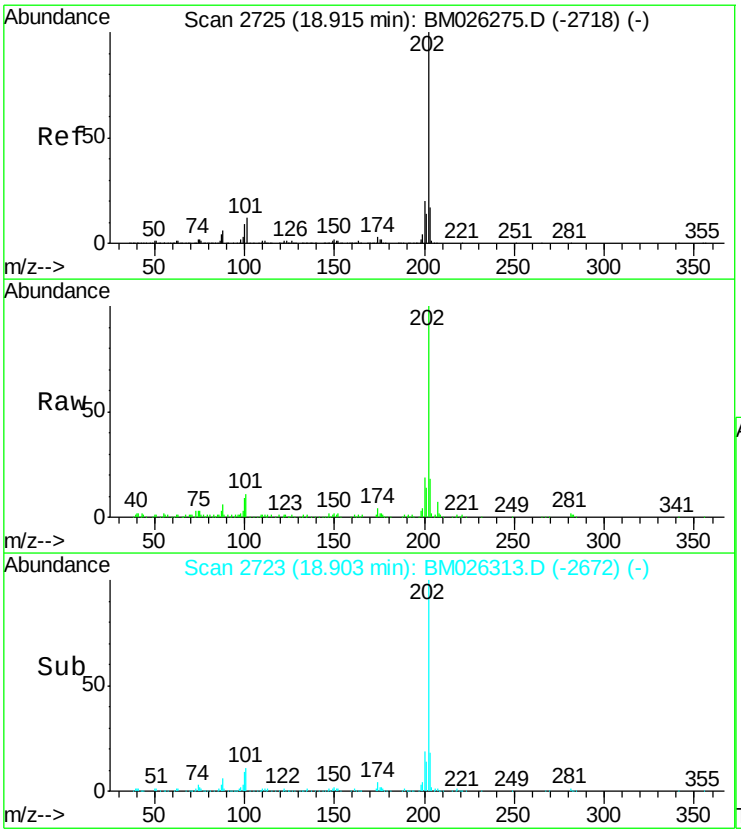

#71
Phenanthrene
Concen: 2.004 ng
RT: 16.87 min Scan# 2378
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Tgt Ion:178 Resp: 81484

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 18.2 | 14.9 | 22.3 |
| 179 | 14.8 | 12.0 | 18.0 |

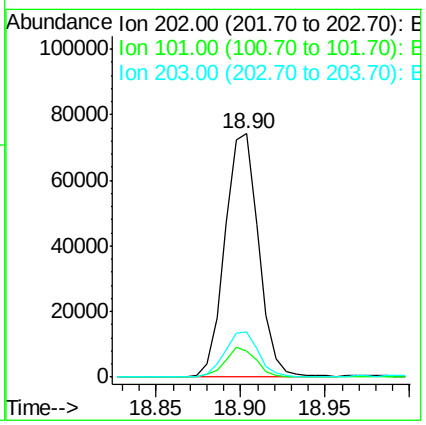


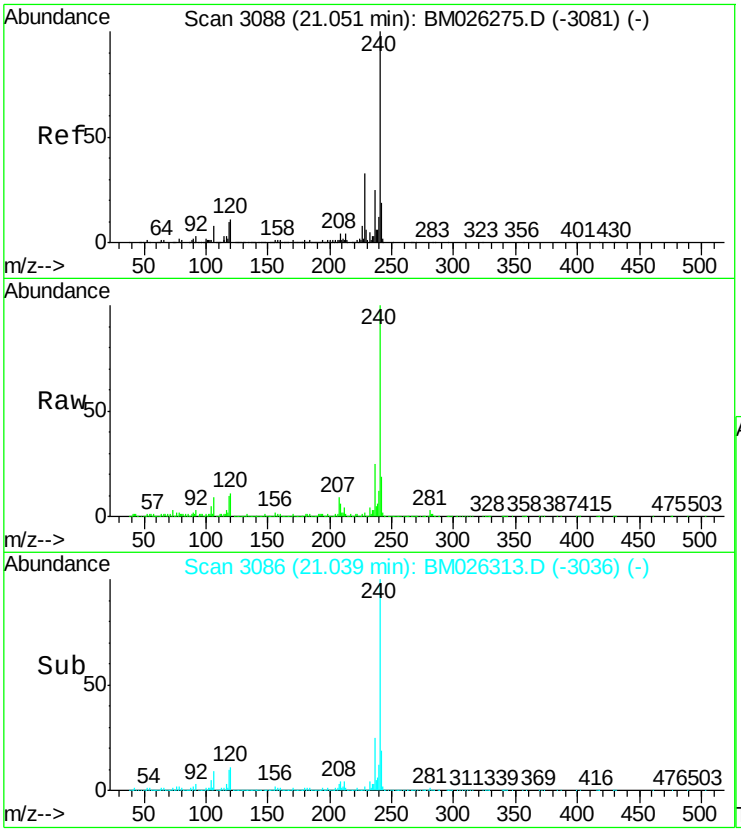




#75
Fluoranthene
Concen: 2.207 ng
RT: 18.90 min Scan# 2723
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:202 Resp: 102883

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 10.9 | 0.0 | 31.6 |
| 203 | 18.5 | 0.0 | 37.4 |



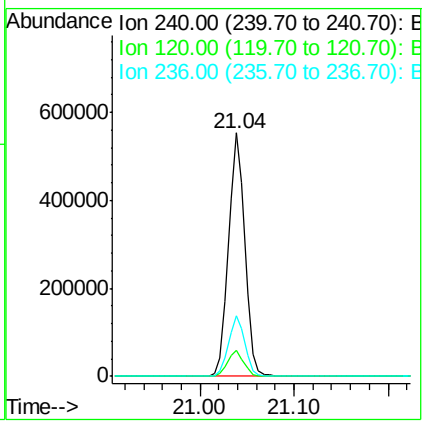


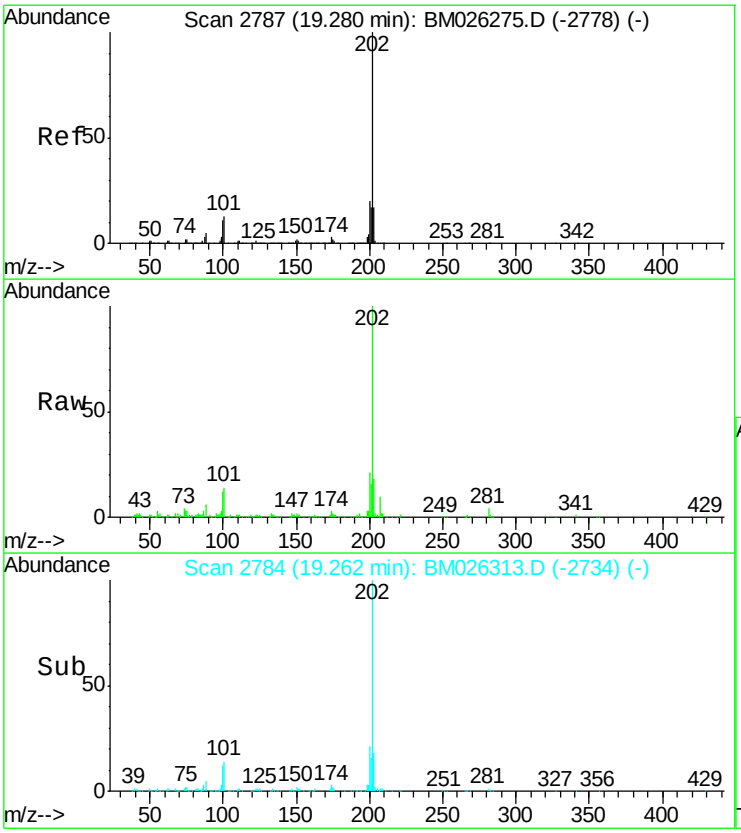

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3086
Delta R.T. -0.01 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Tgt Ion:240 Resp: 668259

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 8.9 | 13.3 |
| 236 | 25.1 | 19.7 | 29.5 |

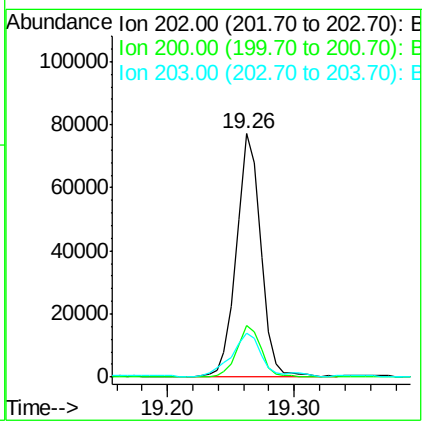


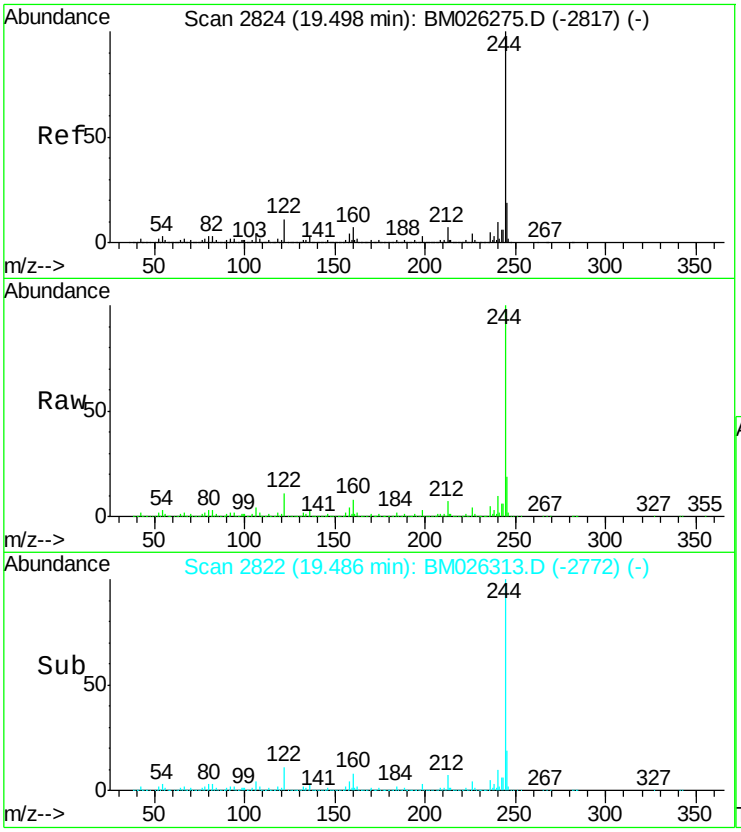




#78
Pyrene
Concen: 2.312 ng
RT: 19.26 min Scan# 2784
Delta R.T. -0.01 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:202 Resp: 102063

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.2 | 24.4 |
| 203 | 18.2 | 13.8 | 20.8 |



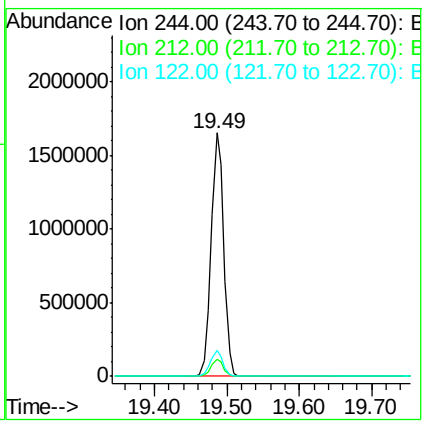


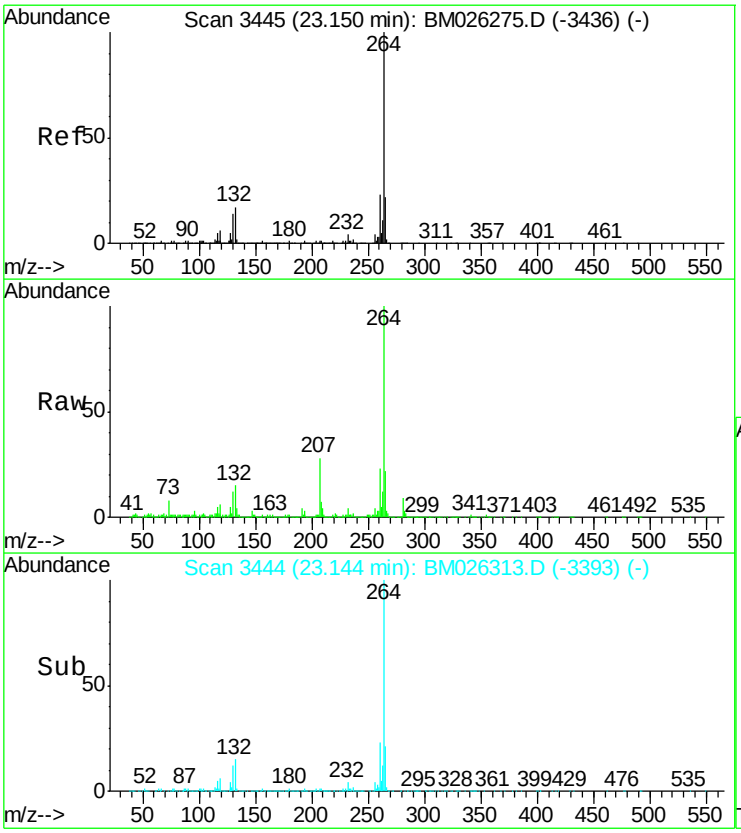

#79
Terphenyl-d14
Concen: 57.627 ng
RT: 19.49 min Scan# 2822
Delta R.T. -0.01 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

**Instrument :**
BNA_M
**ClientSampleId :**
FM-CON-2

Tgt Ion:244 Resp: 1983844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.7 | 8.5 |
| 122 | 10.8 | 9.1 | 13.7 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.14 min Scan# 3444
Delta R.T. -0.00 min
Lab File: BM026313.D
Acq: 09 Jun 2020 22:23

Tgt Ion:264 Resp: 685054

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.1 | 18.6 | 28.0 |
| 265 | 22.5 | 18.2 | 27.2 |