Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027200.D
Acq On : 24 Aug 2020 18:49
Operator : JU/CG
Sample : L3746-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** BNA_M
**ClientSampleId :** 359RE

Quant Time: Aug 25 02:21:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.60 | 152 | 119836 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.37 | 136 | 416003 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.24 | 164 | 267637 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.99 | 188 | 600783 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.19 | 240 | 745276 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.37 | 264 | 866628 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.23 | 112 | 473033 | 76.95 | ng | 0.00 |
| 7) Phenol-d6 | 6.79 | 99 | 603194 | 71.47 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.75 | 82 | 477727 | 47.38 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.73 | 330 | 287051 | 66.23 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.86 | 172 | 734652 | 36.06 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.63 | 244 | 1254772 | 31.45 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 50) Dimethylphthalate | 13.70 | 163 | 190480 | 8.766 | ng | 100 |
| 70) Pentachlorophenol | 16.64 | 266 | 14282 | 3.065 | ng | 96 |

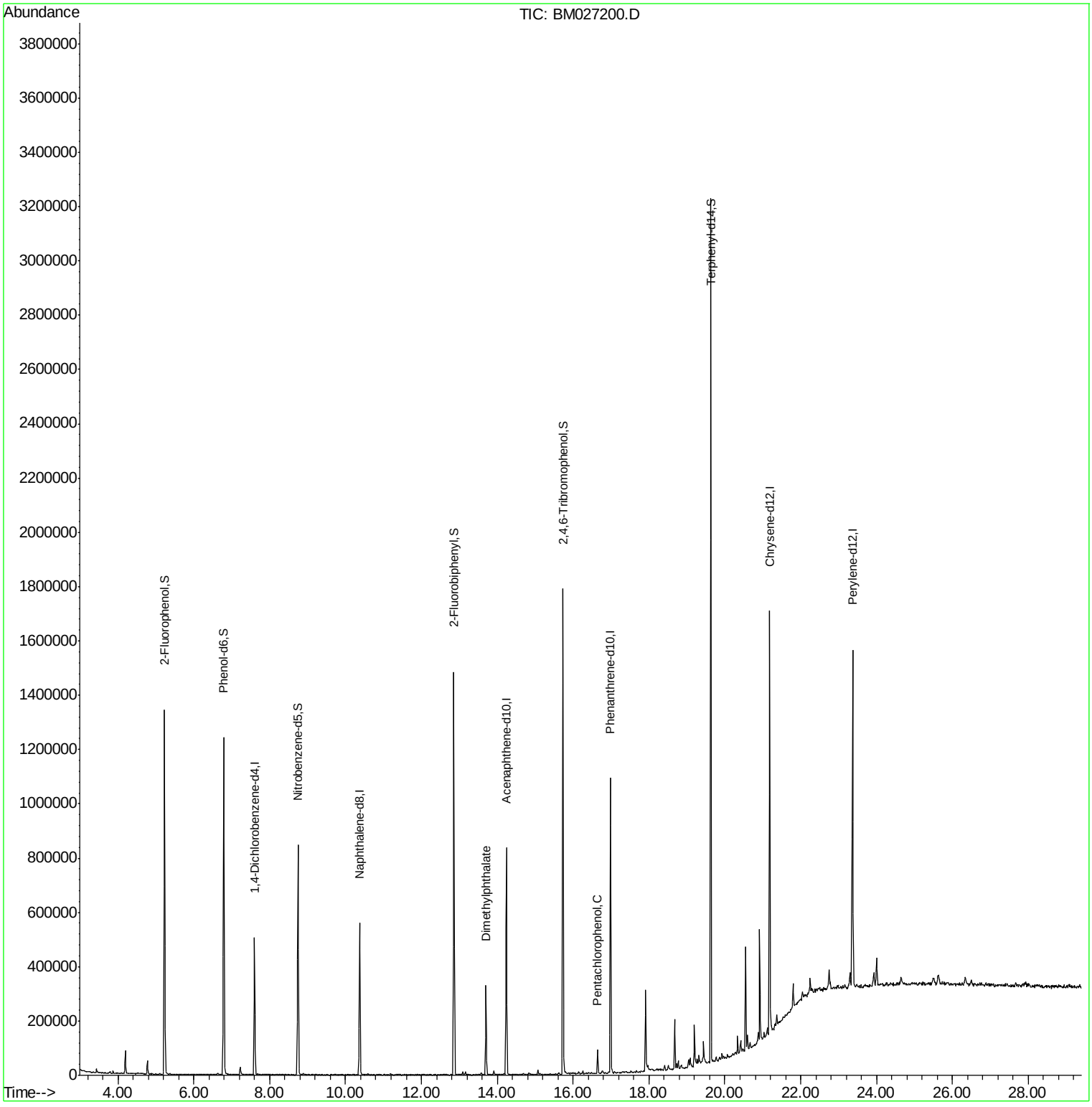
(#) = qualifier out of range (m) = manual integration (+) = signals summed

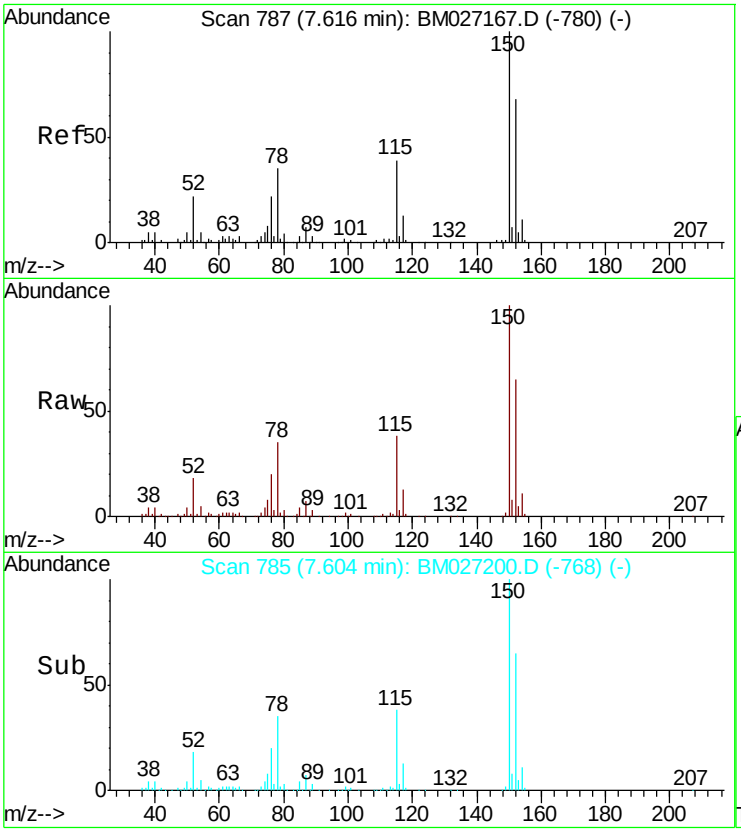
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082420\
Data File : BM027200.D
Acq On : 24 Aug 2020 18:49
Operator : JU/CG
Sample : L3746-02RE
Misc :
ALS Vial : 8 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
359RE

Quant Time: Aug 25 02:21:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 15:18:39 2020
Response via : Initial Calibration



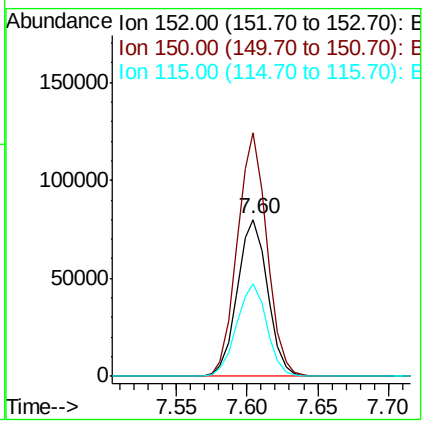


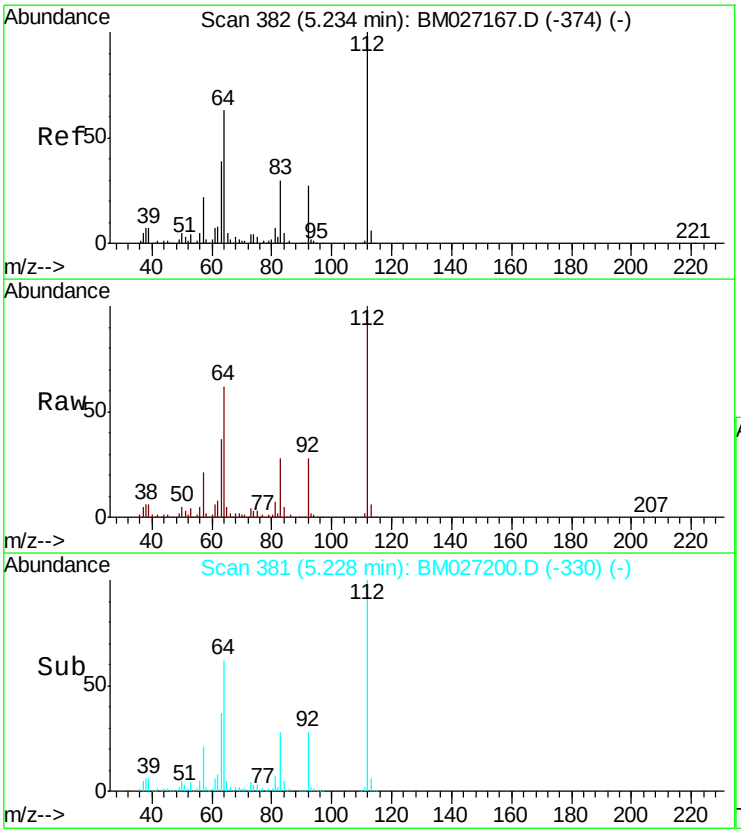

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.60 min Scan# 785
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

**Instrument :**
BNA_M
**ClientSampleId :**
359RE

Tgt Ion:152 Resp: 119836

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.9 | 118.2 | 177.4 |
| 115 | 59.0 | 46.1 | 69.1 |

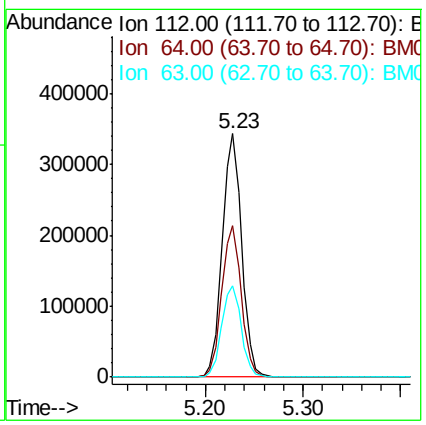


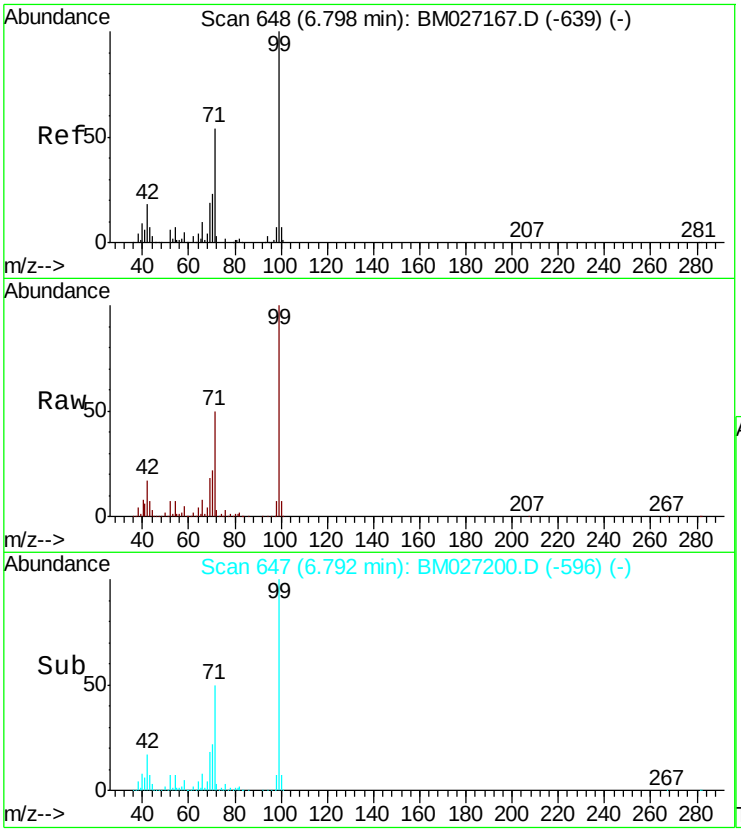




#5
2-Fluorophenol
Concen: 76.951 ng
RT: 5.23 min Scan# 381
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion:112 Resp: 473033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.0 | 50.0 | 75.0 |
| 63 | 37.2 | 31.6 | 47.4 |



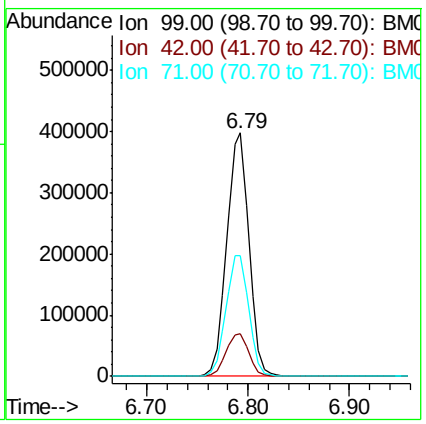


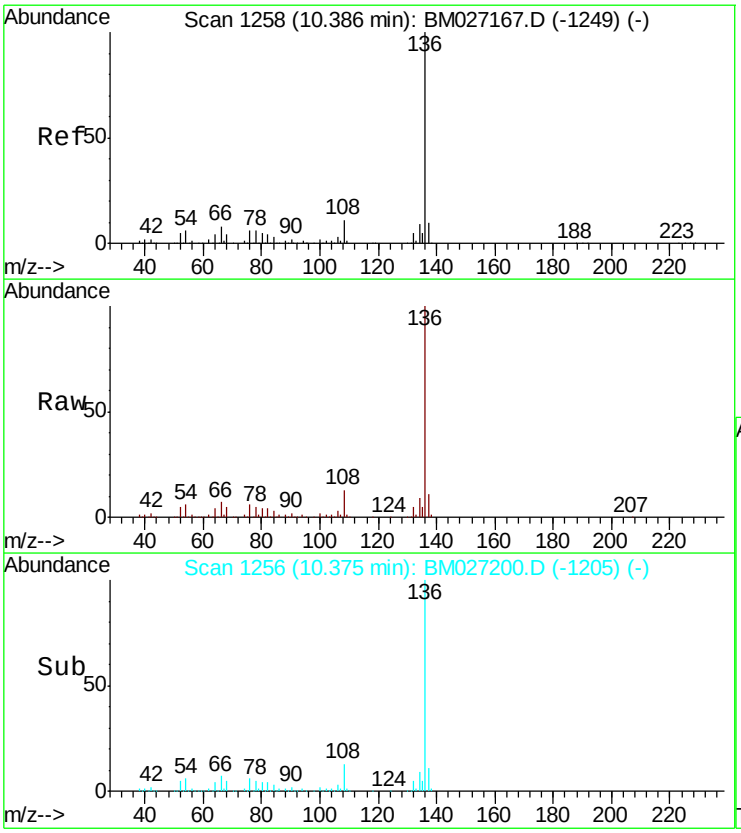

#7
Phenol-d6
Concen: 71.468 ng
RT: 6.79 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

**Instrument :**
BNA_M
**ClientSampleId :**
359RE

Tgt Ion: 99 Resp: 603194

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 14.5 | 21.7 |
| 71 | 49.6 | 43.0 | 64.4 |

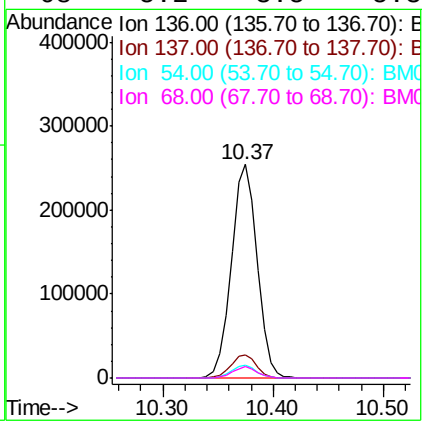


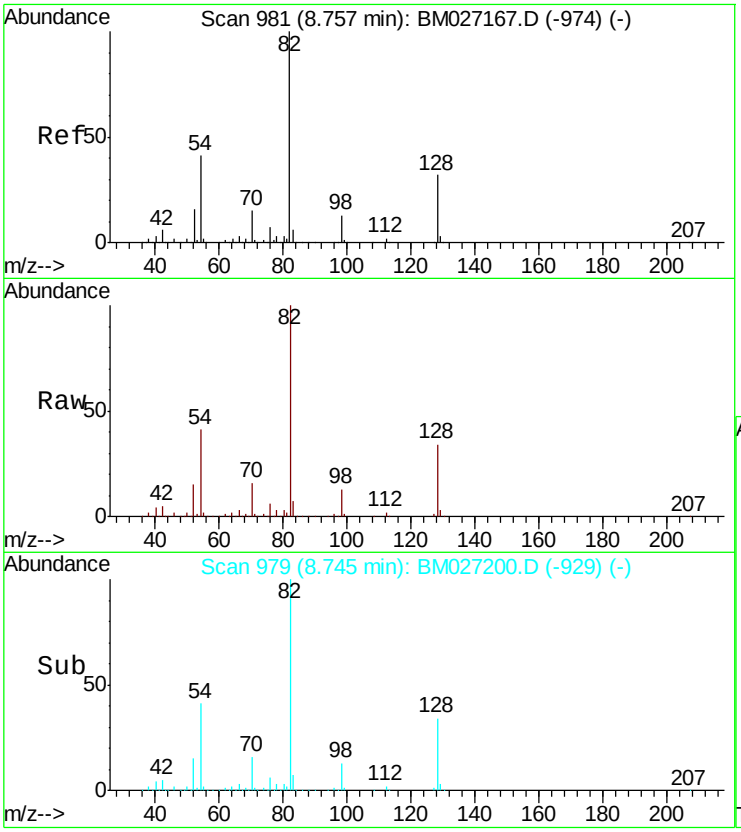




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.37 min Scan# 1256
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion:136 Resp: 416003

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.2 | 12.4 |
| 54 | 5.8 | 4.8 | 7.2 |
| 68 | 5.2 | 3.5 | 5.3 |



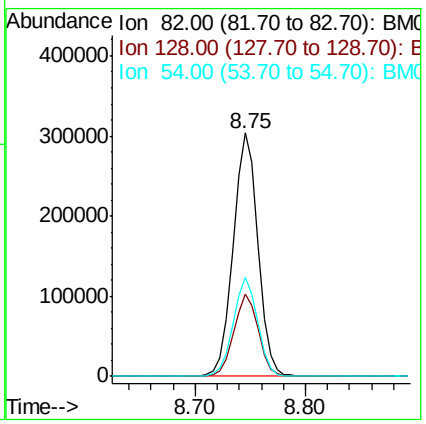


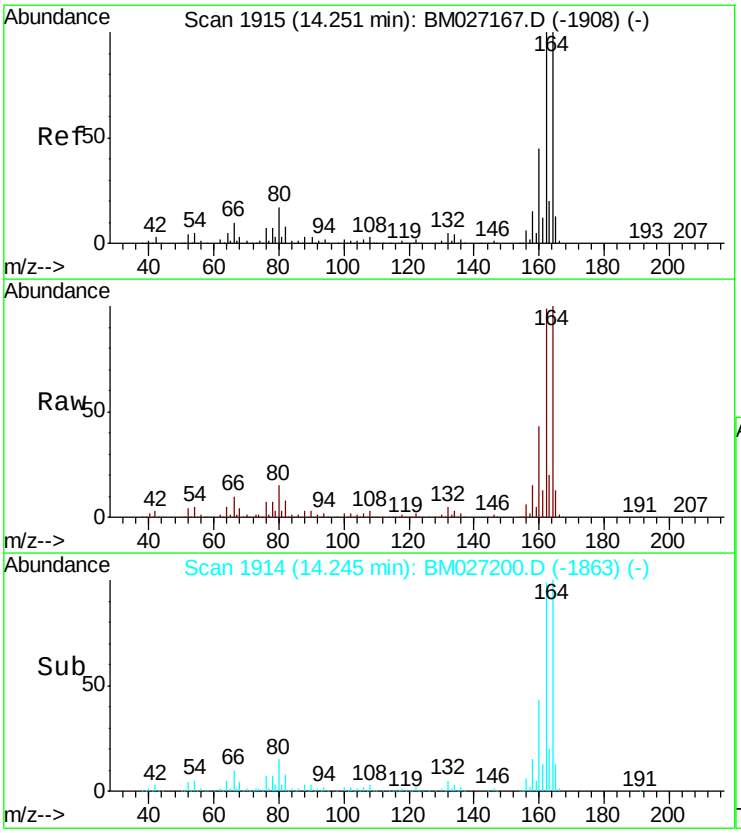

#23
Nitrobenzene-d5
Concen: 47.379 ng
RT: 8.75 min Scan# 979
Delta R.T. -0.01 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

**Instrument :**
BNA_M
**ClientSampleId :**
359RE

Tgt Ion: 82 Resp: 477727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.8 | 25.7 | 38.5 |
| 54 | 40.6 | 33.0 | 49.4 |

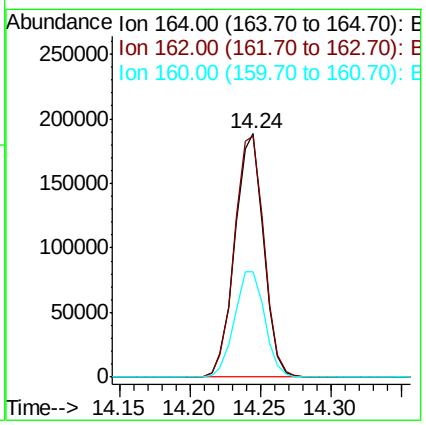


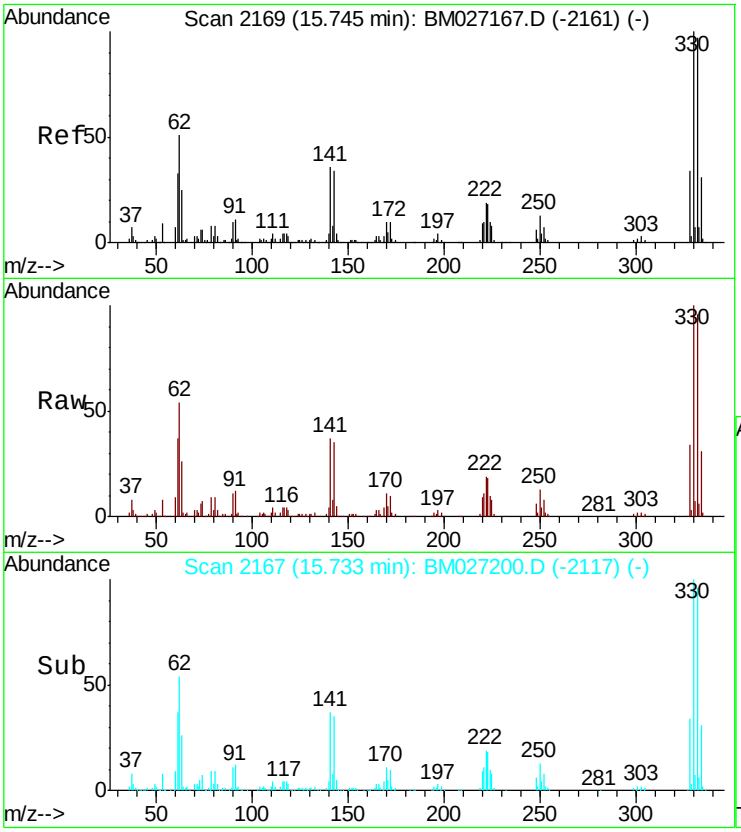




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.24 min Scan# 1914
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion:164 Resp: 267637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.2 | 80.2 | 120.4 |
| 160 | 43.2 | 36.3 | 54.5 |



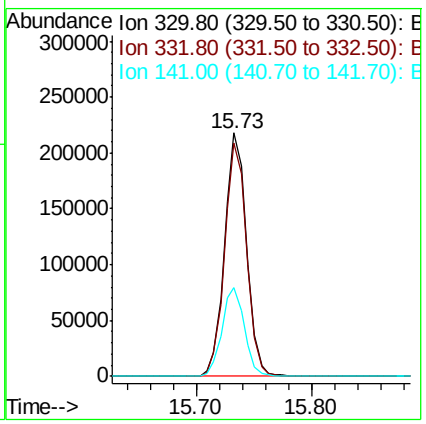


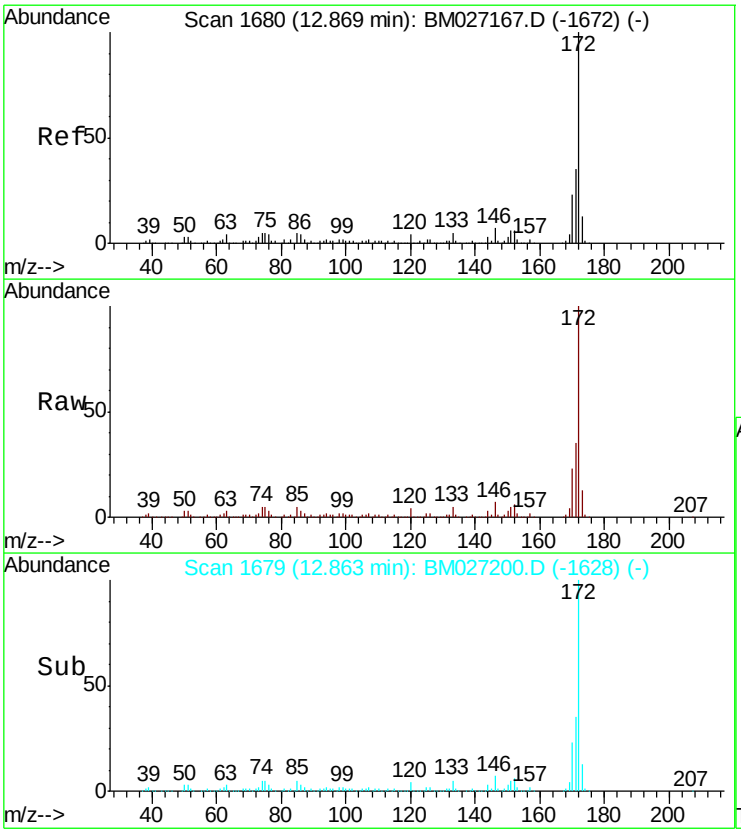

#42
2,4,6-Tribromophenol
Concen: 66.234 ng
RT: 15.73 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

**Instrument :**
BNA_M
**ClientSampleId :**
359RE

Tgt Ion:330 Resp: 287051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 77.2 | 115.8 |
| 141 | 37.3 | 31.0 | 46.6 |

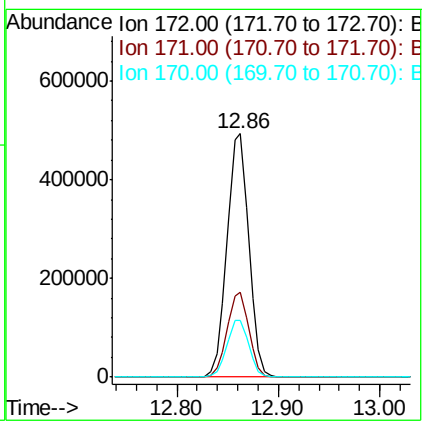


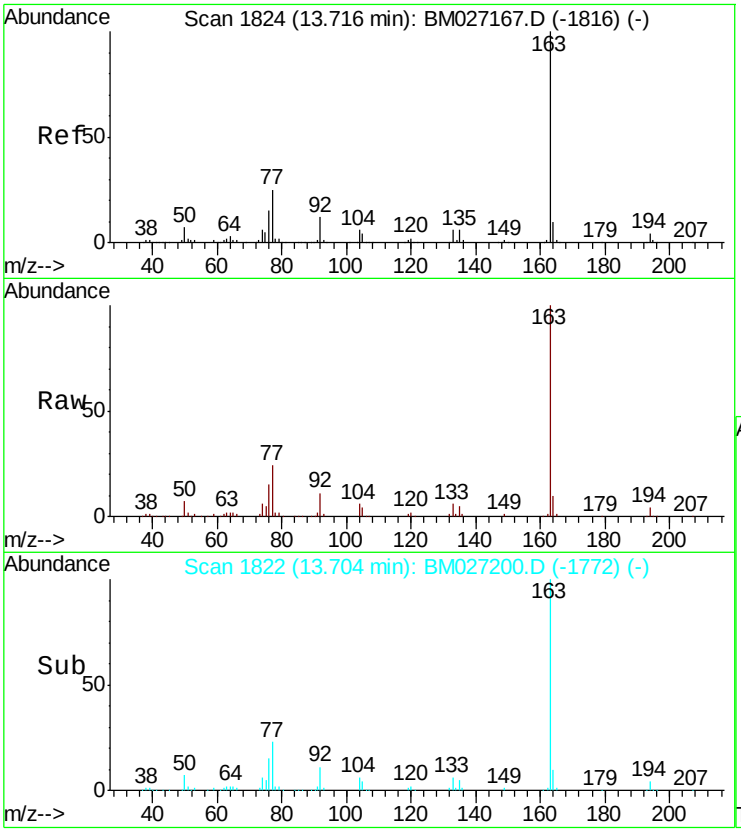




#45
2-Fluorobiphenyl
Concen: 36.058 ng
RT: 12.86 min Scan# 1679
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion:172 Resp: 734652

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 28.1 | 42.1 |
| 170 | 23.3 | 18.6 | 28.0 |



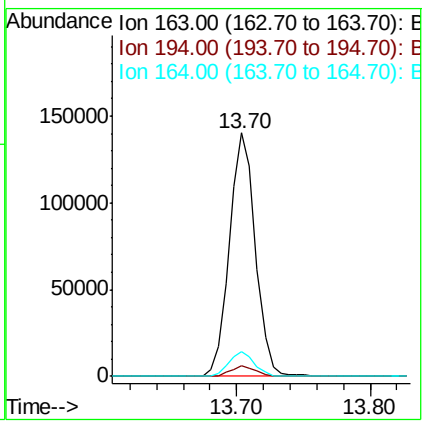


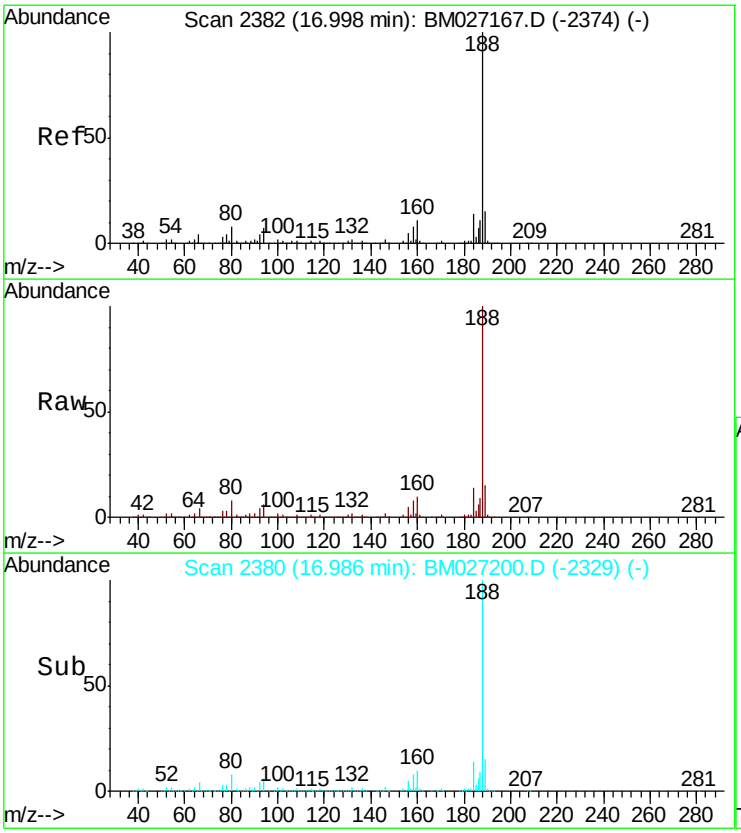

#50
Dimethylphthalate
Concen: 8.766 ng
RT: 13.70 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

**Instrument :**
BNA_M
**ClientSampleId :**
359RE

Tgt Ion:163 Resp: 190480

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.2 | 3.4 | 5.2 |
| 164 | 10.0 | 8.2 | 12.2 |

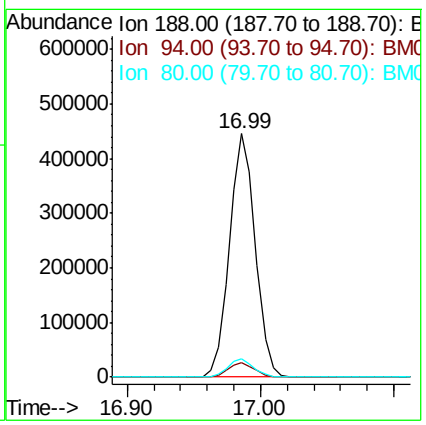


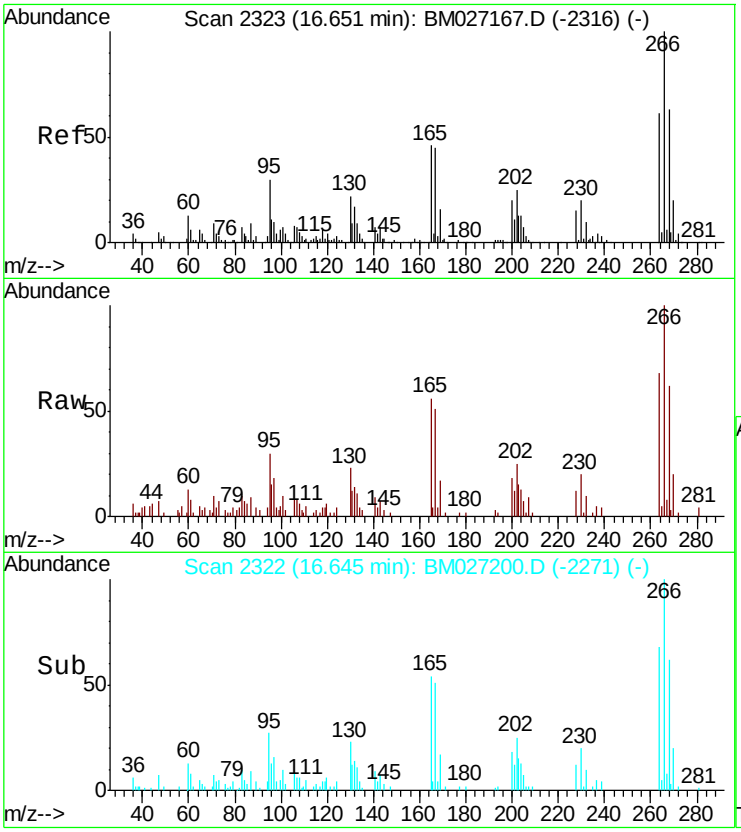




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion:188 Resp: 600783

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.2 | 5.5 | 8.3 |
| 80 | 7.7 | 6.2 | 9.4 |



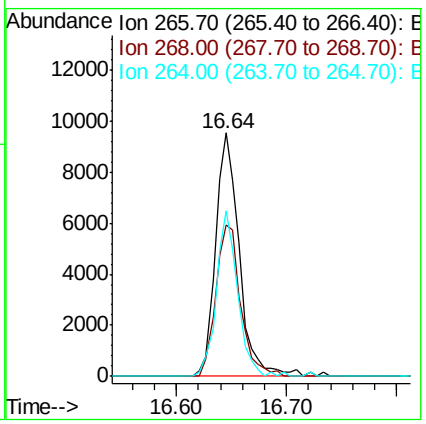


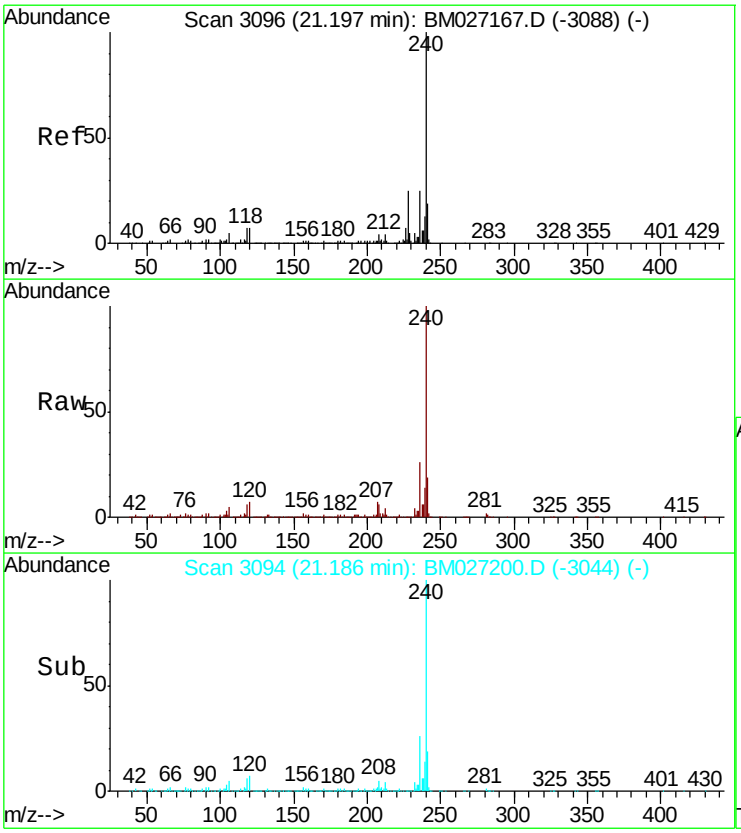

#70
Pentachlorophenol
Concen: 3.065 ng
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

**Instrument :**
BNA_M
**ClientSampleId :**
359RE

Tgt Ion:266 Resp: 14282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 62.5 | 50.2 | 75.2 |
| 264 | 67.9 | 49.1 | 73.7 |

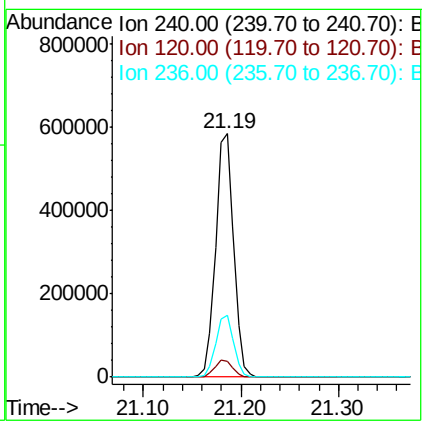


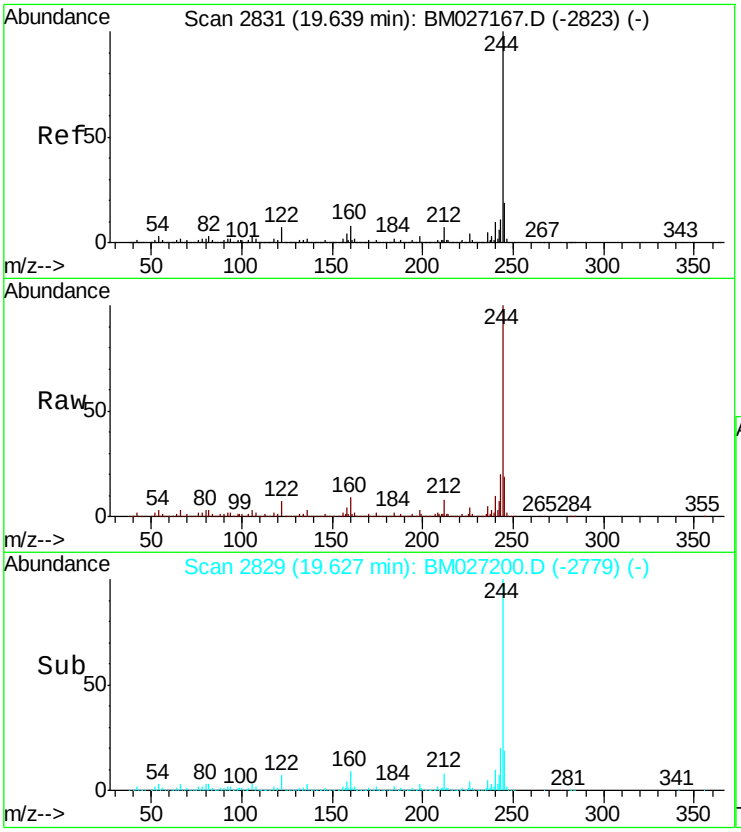




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion:240 Resp: 745276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.7 | 5.6 | 8.4 |
| 236 | 25.6 | 19.8 | 29.6 |



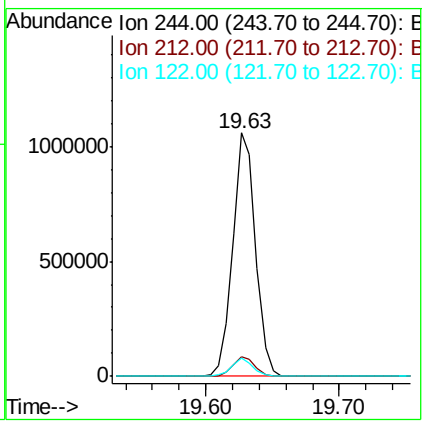


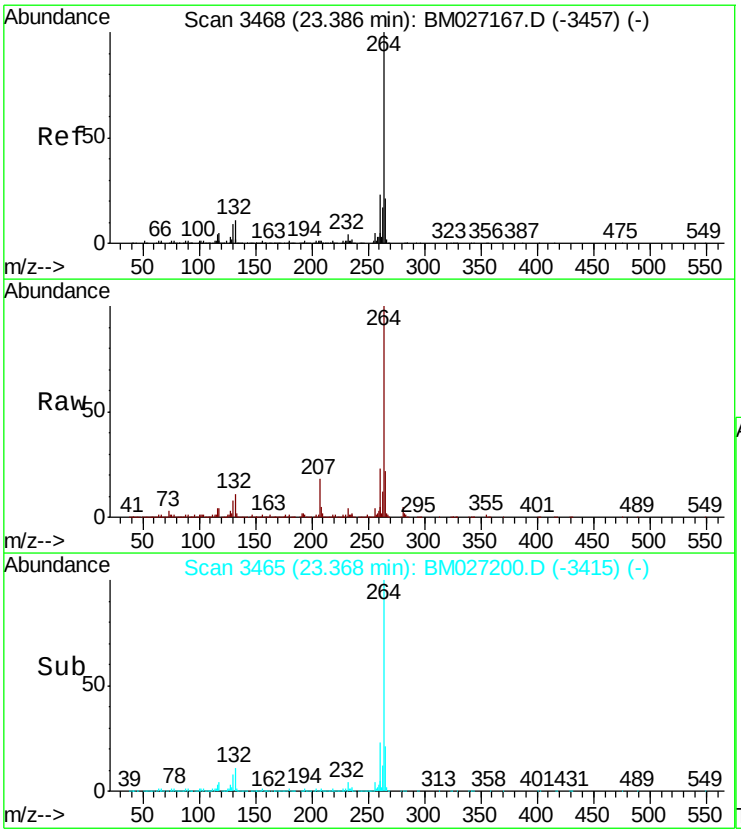

#79
Terphenyl-d14
Concen: 31.451 ng
RT: 19.63 min Scan# 2829
Delta R.T. -0.01 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

**Instrument :**
BNA_M
**ClientSampleId :**
359RE

Tgt Ion:244 Resp: 1254772

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 5.8 | 8.8 |
| 122 | 7.4 | 5.8 | 8.8 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3465
Delta R.T. -0.01 min
Lab File: BM027200.D
Acq: 24 Aug 2020 18:49

Tgt Ion:264 Resp: 866628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.7 | 18.8 | 28.2 |
| 265 | 21.7 | 17.5 | 26.3 |