Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
Data File : BE101177.D
Acq On : 1 Apr 2021 14:53
Operator : CG/JU
Sample : M1843-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325

Quant Time: Apr 01 15:44:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:49:55 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.838 | 152 | 4340 | 0.40 | ng | -0.01 |
| 7) Naphthalene-d8 | 10.628 | 136 | 19168 | 0.40 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.458 | 164 | 11458 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.210 | 188 | 29077 | 0.40 | ng | # 0.00 |
| 29) Chrysene-d12 | 21.366 | 240 | 33880 | 0.40 | ng | # 0.00 |
| 36) Perylene-d12 | 23.849 | 264 | 30637 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.431 | 112 | 1744 | 0.17 | ng | 0.00 |
| 5) Phenol-d6 | 6.997 | 99 | 1460 | 0.09 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.978 | 82 | 4629 | 0.40 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.211 | 152 | 10081 | 0.32 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.955 | 330 | 784 | 0.38 | ng | 0.00 |
| 15) 2-Fluorobiphenyl | 13.089 | 172 | 14226 | 0.33 | ng | 0.00 |
| 27) Fluoranthene-d10 | 19.226 | 212 | 159972 | 0.44 | ng | 0.00 |
| 31) Terphenyl-d14 | 19.823 | 244 | 36825 | 0.48 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.381 | 88 | 12589 | 1.79 | ng | # 93 |
| 34) Bis(2-ethylhexyl)phtha... | 21.294 | 149 | 6539 | 0.11 | ng | # 99 |
| 40) Dibenzo(a,h)anthracene | 26.491 | 278 | 528 | 0.11 | ng | # 31 |

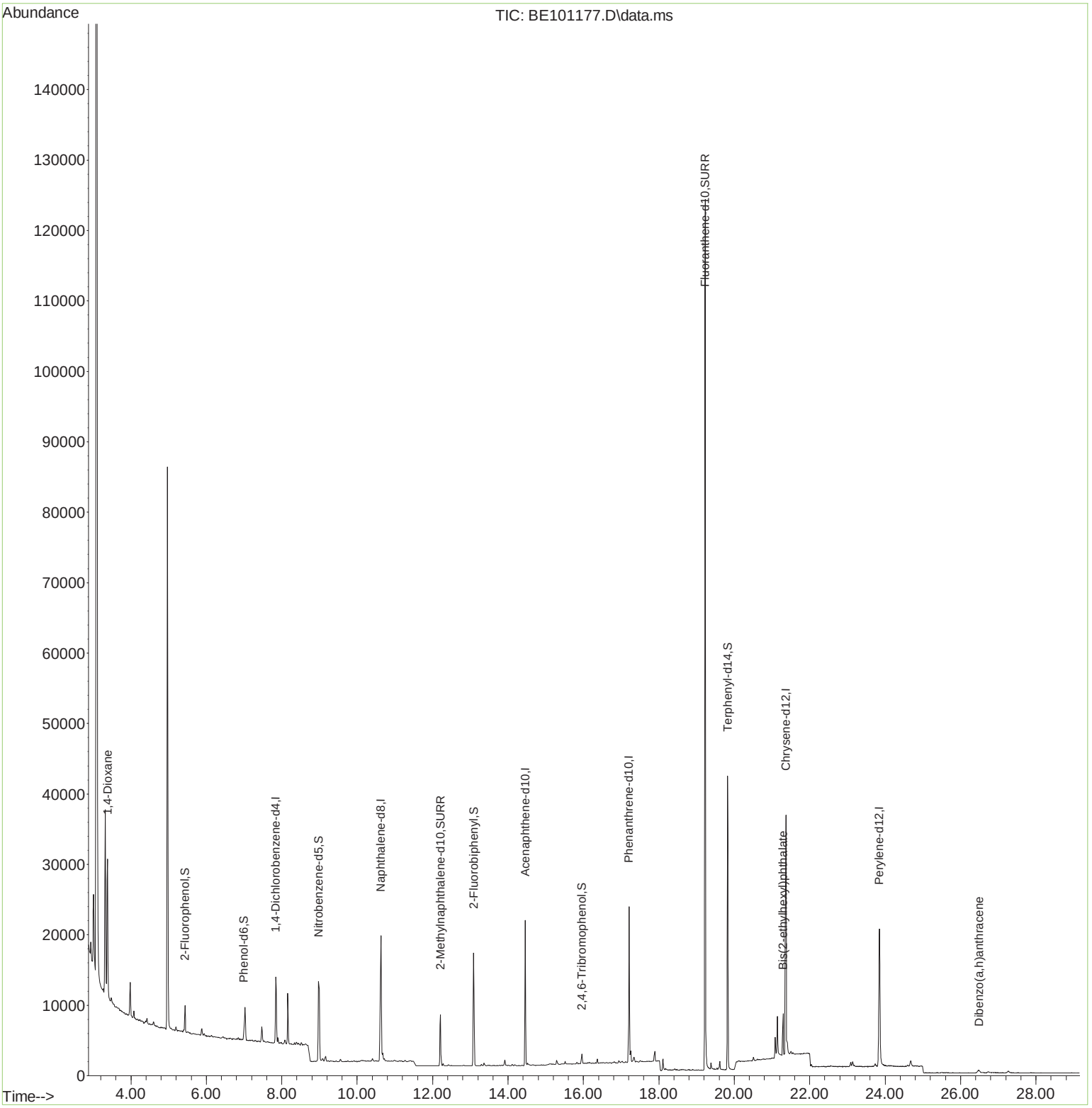
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

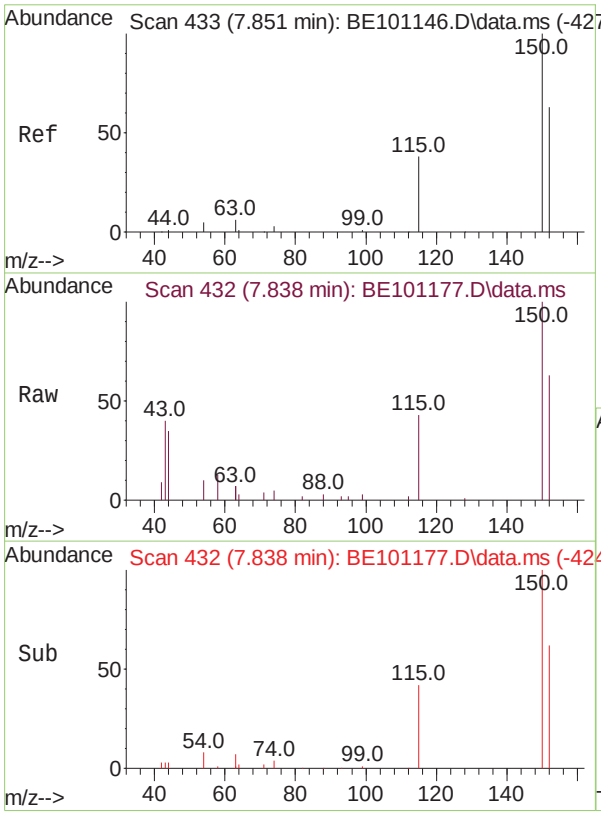
Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE040121\
Data File : BE101177.D
Acq On : 1 Apr 2021 14:53
Operator : CG/JU
Sample : M1843-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325

Quant Time: Apr 01 15:44:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-SIM-BE032421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 12:49:55 2021
Response via : Initial Calibration



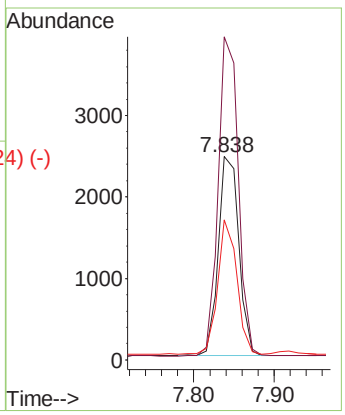
**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325

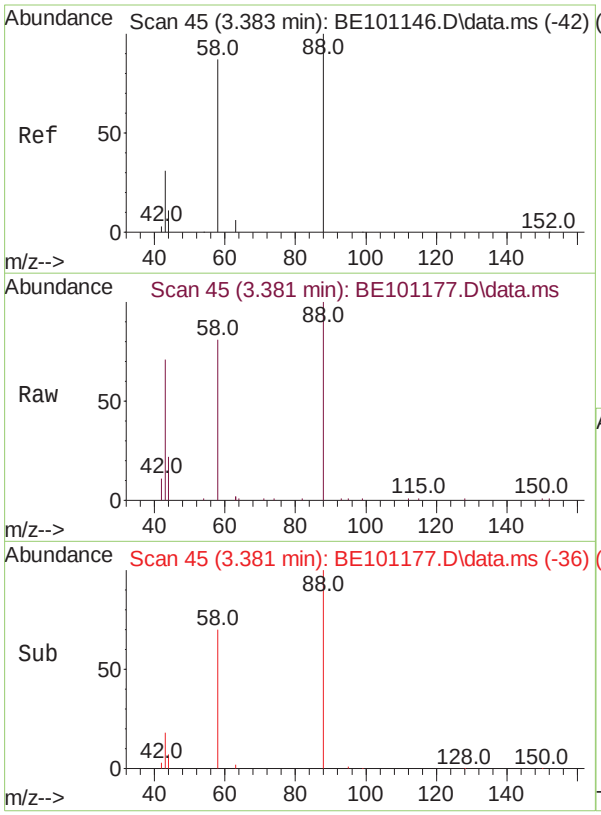



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.838 min Scan# 432
Delta R.T. -0.012 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:152 Resp: 4340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.0 | 126.3 | 189.5 |
| 115 | 68.9 | 48.9 | 73.3 |

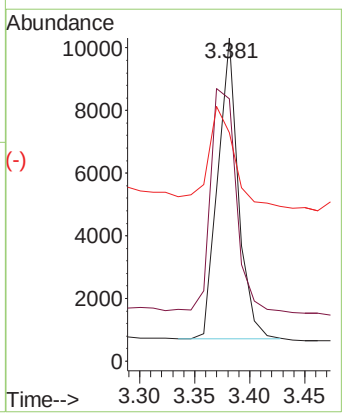


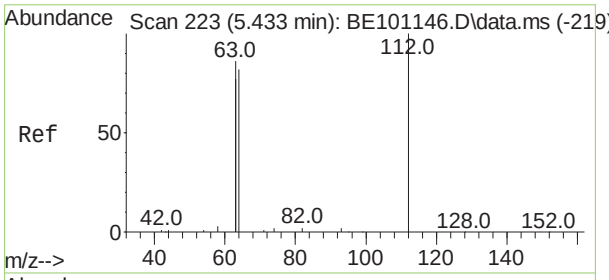

#2
1,4-Dioxane
Concen: 1.79 ng
RT: 3.381 min Scan# 45
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

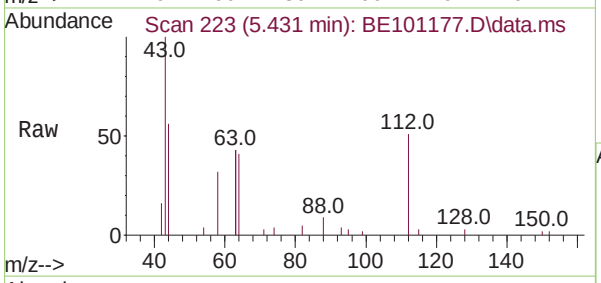
Tgt Ion: 88 Resp: 12589

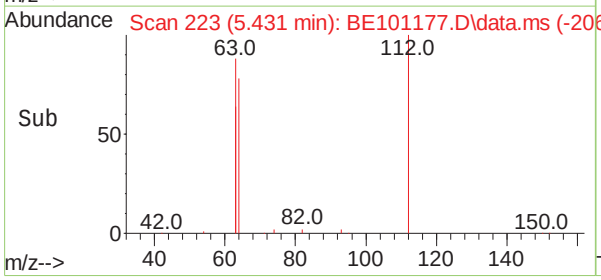
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 90.2 | 68.5 | 102.7 |
| 43 | 41.1 | 27.2 | 40.8# |



**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325



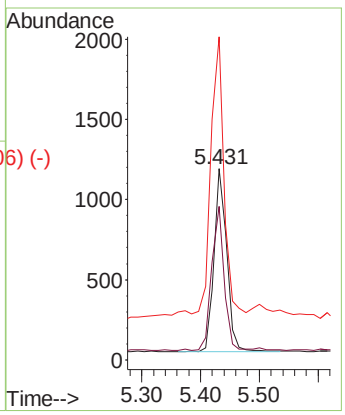



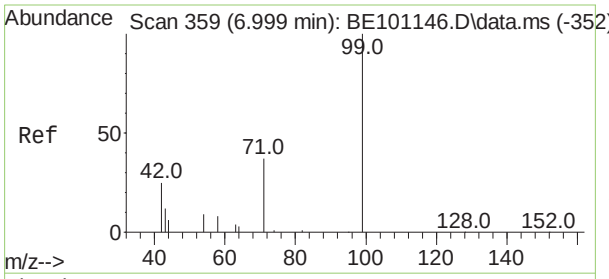



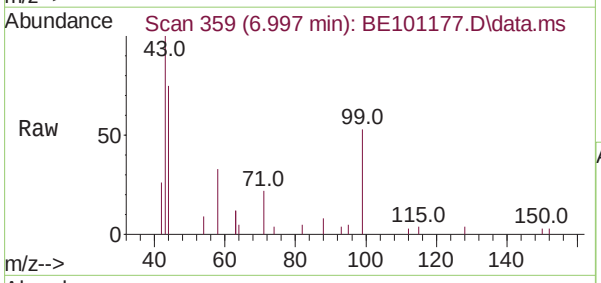

2-Fluorophenol
Concen: 0.17 ng
RT: 5.431 min Scan# 223
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

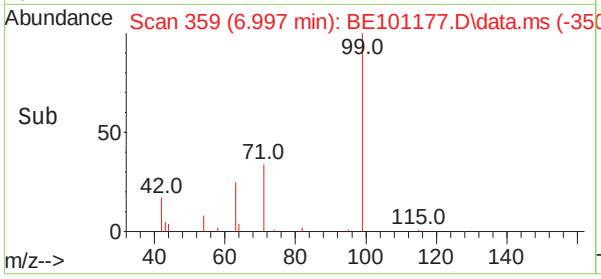
Tgt Ion:112 Resp: 1744

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 76.8 | 60.8 | 91.2 |
| 63 | 163.5 | 119.4 | 179.0 |



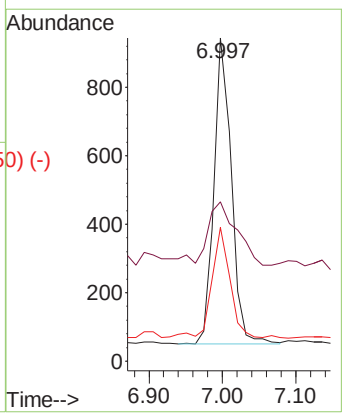



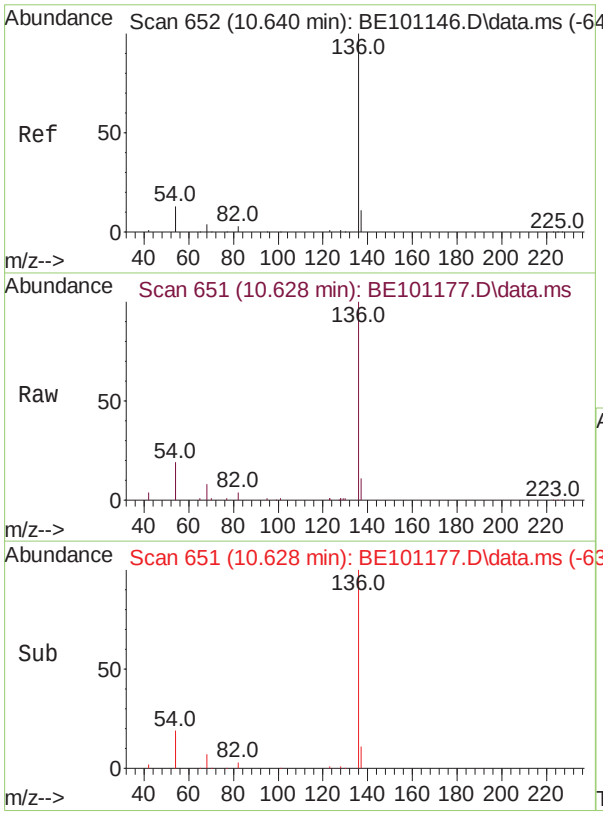

Phenol-d6
Concen: 0.09 ng
RT: 6.997 min Scan# 359
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion: 99 Resp: 1460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 33.2 | 18.8 | 28.2# |
| 71 | 38.6 | 26.3 | 39.5 |



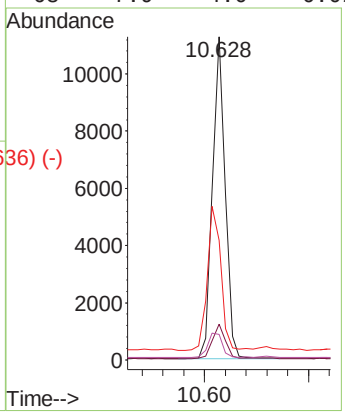
**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325

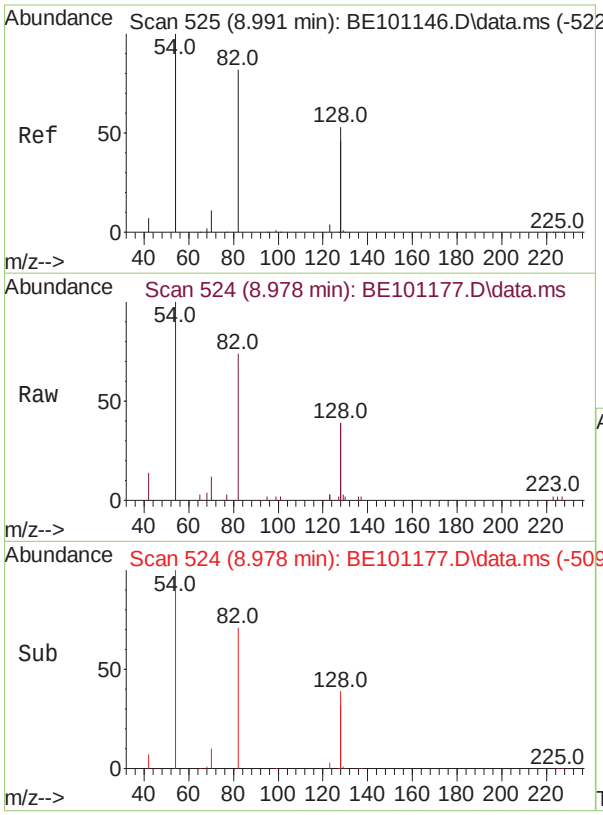



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.628 min Scan# 651
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:136 Resp: 19168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 8.9 | 13.3 |
| 54 | 37.0 | 20.2 | 30.4# |
| 68 | 7.9 | 4.0 | 6.0# |

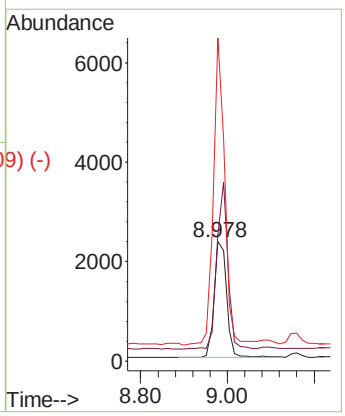


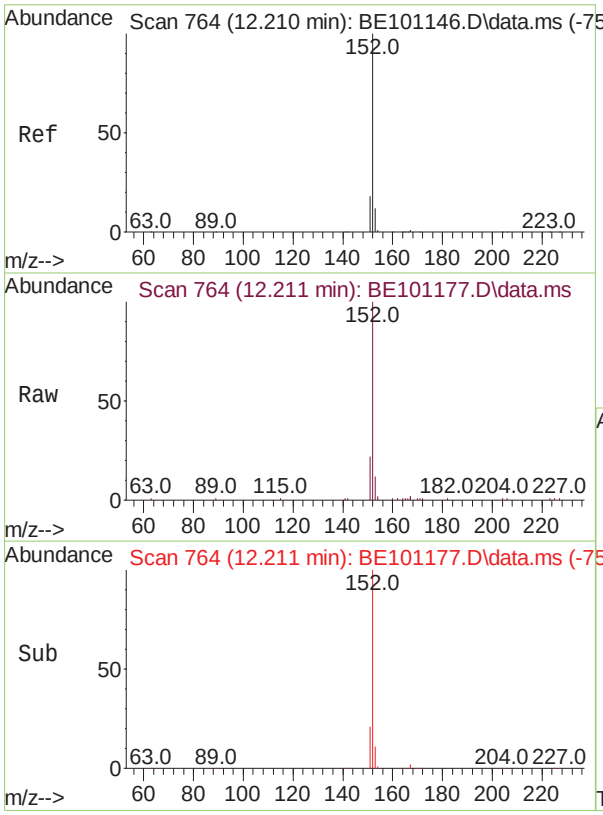




#8
Nitrobenzene-d5
Concen: 0.40 ng
RT: 8.978 min Scan# 524
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion: 82 Resp: 4629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 105.4 | 101.5 | 152.3 |
| 54 | 270.8 | 189.8 | 284.6 |

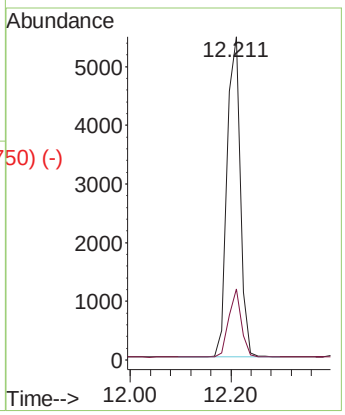




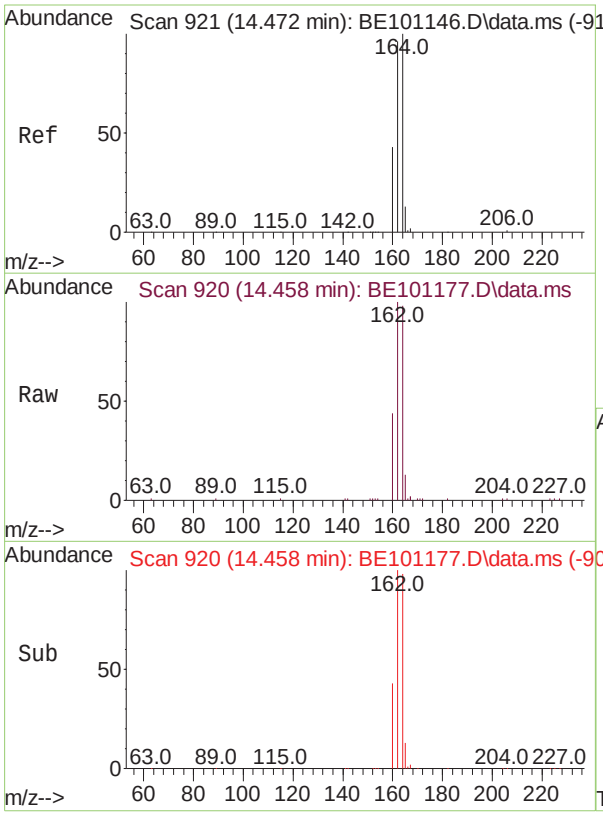

2-Methylnaphthalene-d10
Concen: 0.32 ng
RT: 12.211 min Scan# 764
Delta R.T. 0.001 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:152 Resp: 10081

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.4 | 16.6 | 24.8 |



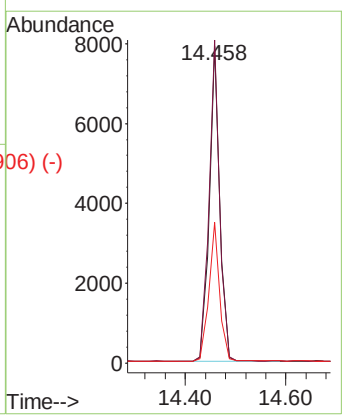

**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325



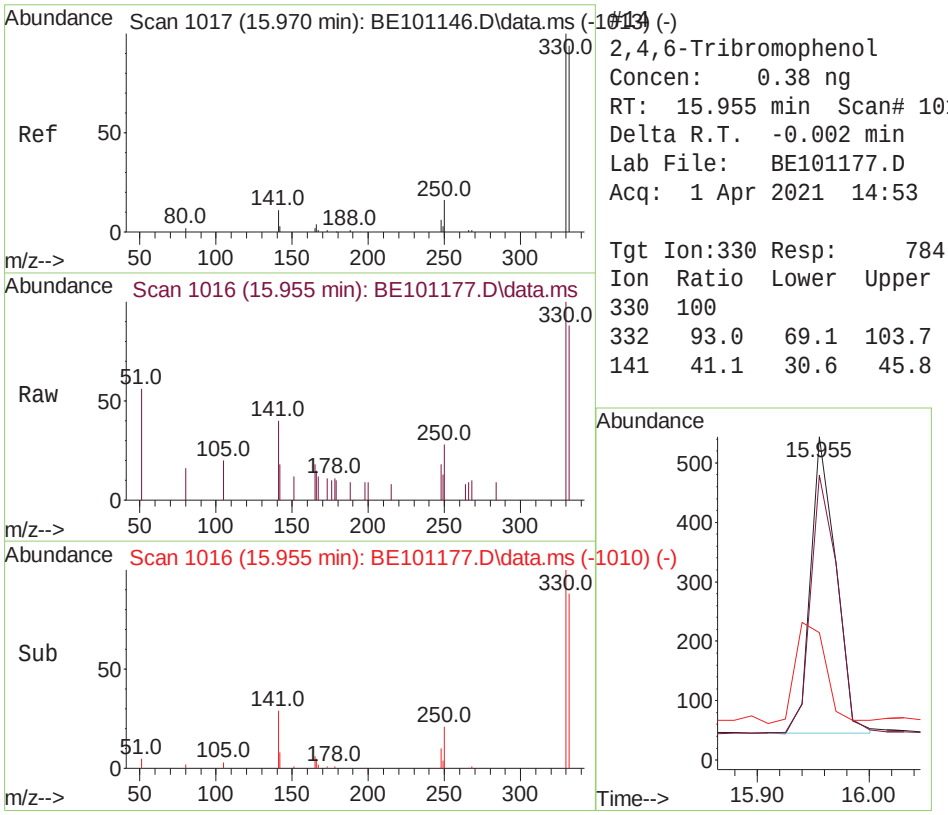

Acenaphthene-d10
Concen: 0.40 ng
RT: 14.458 min Scan# 920
Delta R.T. 0.001 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:164 Resp: 11458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.1 | 76.6 | 115.0 |
| 160 | 44.5 | 34.5 | 51.7 |



**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325

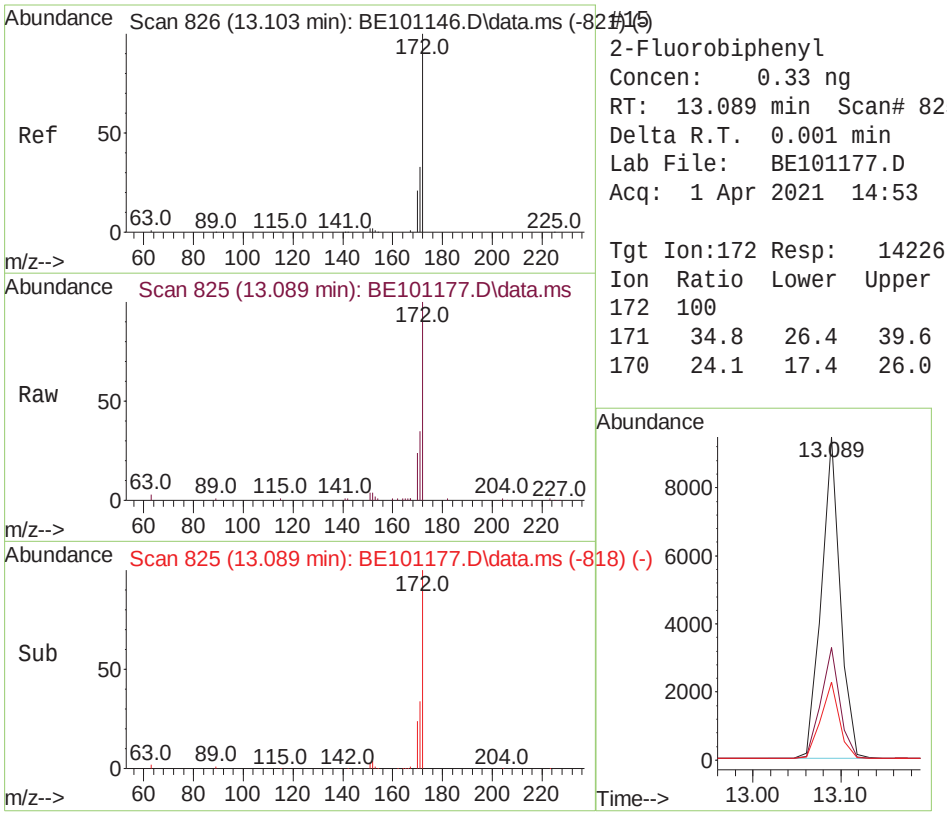



#14
2,4,6-Tribromophenol
Concen: 0.38 ng
RT: 15.955 min Scan# 1016
Delta R.T. -0.002 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:330 Resp: 784

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.0 | 69.1 | 103.7 |
| 141 | 41.1 | 30.6 | 45.8 |



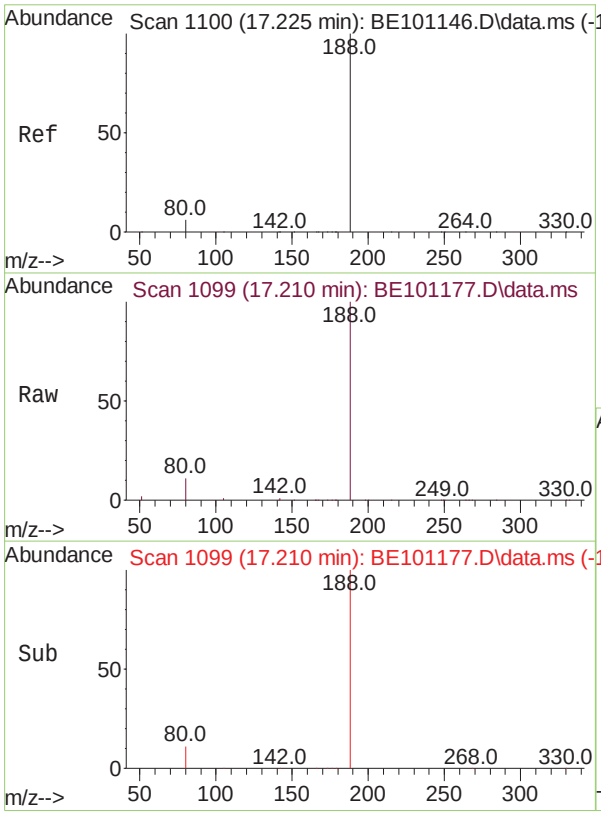




#15
2-Fluorobiphenyl
Concen: 0.33 ng
RT: 13.089 min Scan# 825
Delta R.T. 0.001 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:172 Resp: 14226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 26.4 | 39.6 |
| 170 | 24.1 | 17.4 | 26.0 |

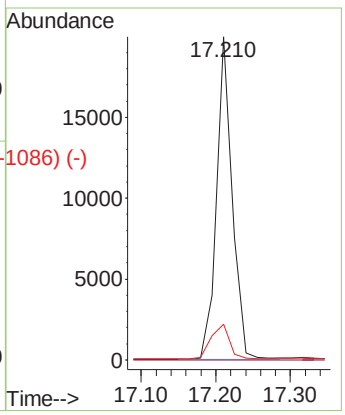
**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325

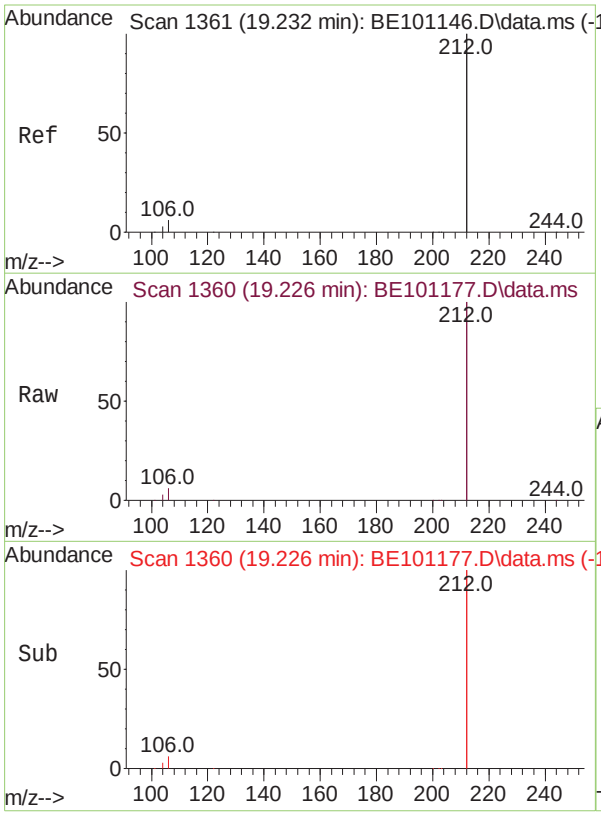



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.210 min Scan# 1099
Delta R.T. -0.002 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:188 Resp: 29077

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.0 | 4.8 | 7.2# |

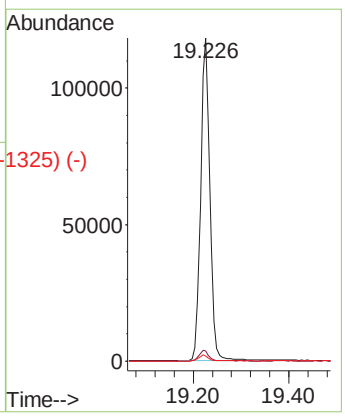


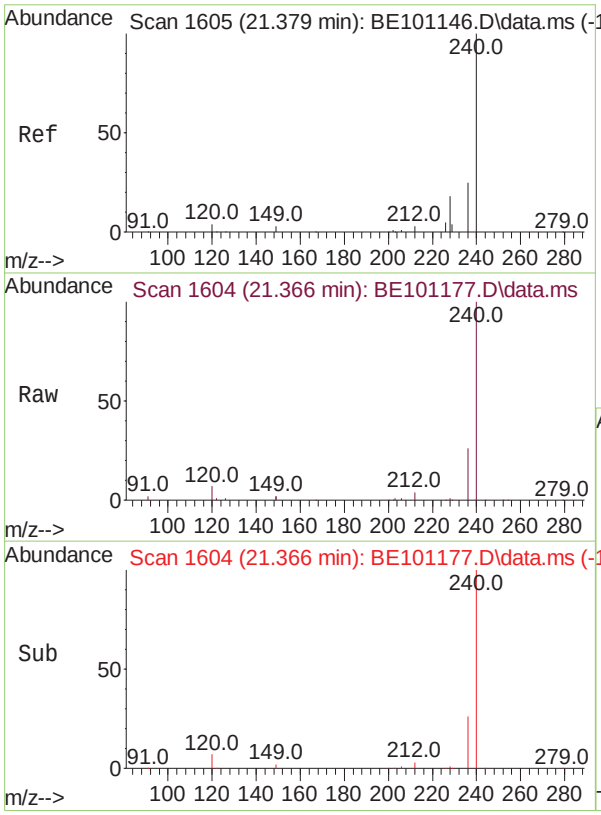

#27
Fluoranthene-d10
Concen: 0.44 ng
RT: 19.226 min Scan# 1360
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:212 Resp: 159972

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 3.3 | 2.6 | 3.8 |
| 104 | 1.8 | 1.4 | 2.2 |



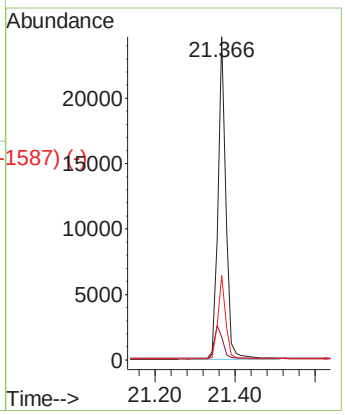
**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325

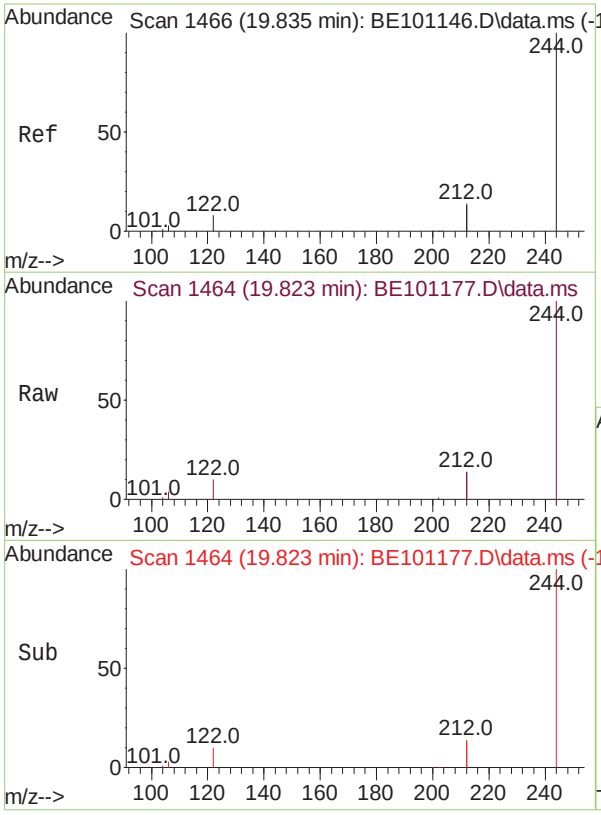



#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.366 min Scan# 1604
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:240 Resp: 33880

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.1 | 4.1 | 6.1# |
| 236 | 26.1 | 20.3 | 30.5 |

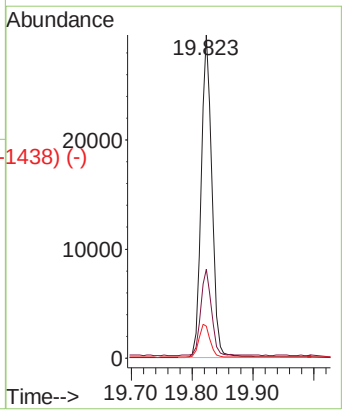


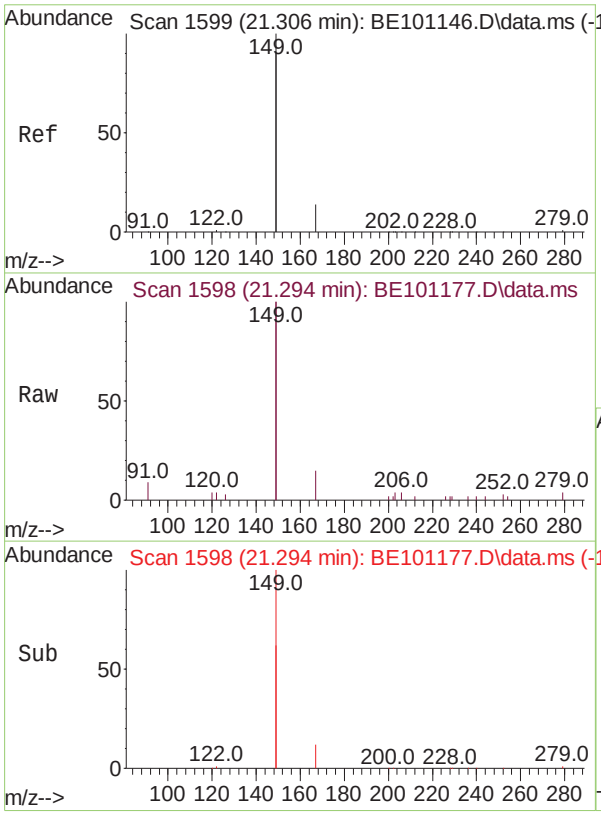

#31
Terphenyl-d14
Concen: 0.48 ng
RT: 19.823 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:244 Resp: 36825

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 27.5 | 21.7 | 32.5 |
| 122 | 9.9 | 6.6 | 10.0 |



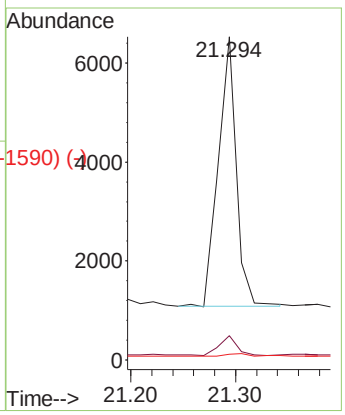
**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325

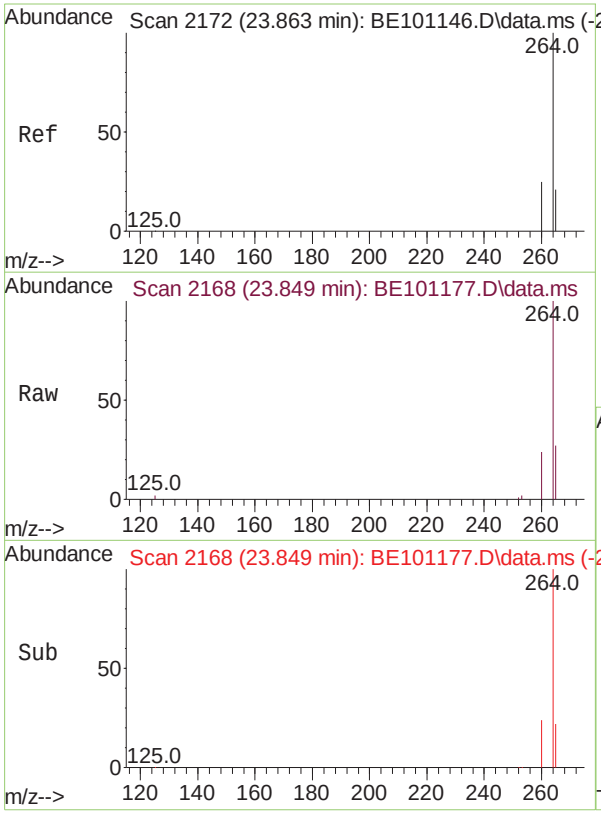



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 21.294 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:149 Resp: 6539

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.1 | 5.4 | 8.2 |
| 279 | 1.6 | 0.9 | 1.3# |

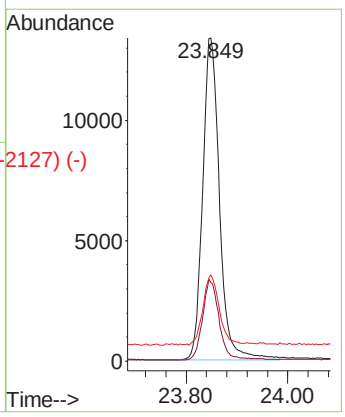


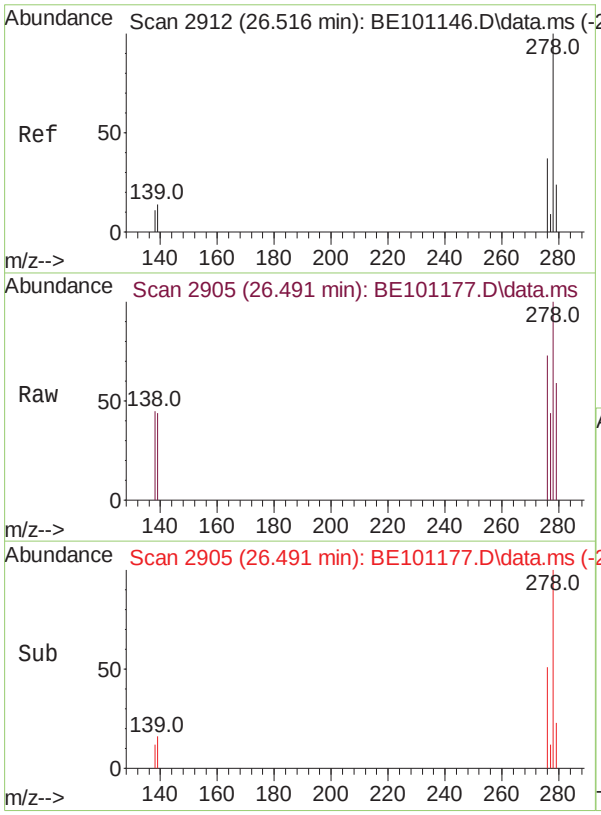




#36
Perylene-d12
Concen: 0.40 ng
RT: 23.849 min Scan# 2168
Delta R.T. -0.003 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:264 Resp: 30637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 20.5 | 30.7 |
| 265 | 26.8 | 20.6 | 30.8 |

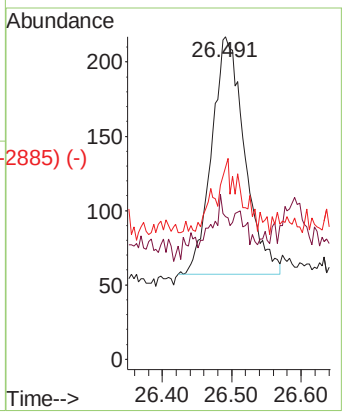





#40
Dibenzo(a,h)anthracene
Concen: 0.11 ng
RT: 26.491 min Scan# 2905
Delta R.T. -0.008 min
Lab File: BE101177.D
Acq: 1 Apr 2021 14:53

Tgt Ion:278 Resp: 528

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 44.2 | 12.0 | 18.0# |
| 279 | 59.4 | 20.2 | 30.4# |




**Instrument :**
BNA_E
**ClientSampleId :**
GM38-RW3-MW01-20210325