Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
Data File : BP005834.D
Acq On : 10 Jun 2021 13:02
Operator : CG/JU
Sample : M2637-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** 18-B12(230-234)

Quant Time: Jun 10 13:34:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.952 | 152 | 62948 | 20.000 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.757 | 136 | 232409 | 20.000 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.575 | 164 | 146506 | 20.000 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 17.322 | 188 | 317309 | 20.000 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.386 | 240 | 402128 | 20.000 | ng | | 0.00 |
| 86) Perylene-d12 | 23.810 | 264 | 472222 | 20.000 | ng | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 5) 2-Fluorophenol | 5.516 | 112 | 576176 | 146.875 | ng | | 0.00 |
| 7) Phenol-d6 | 7.116 | 99 | 688906 | 135.487 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.116 | 82 | 424827 | 89.618 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.063 | 330 | 382996 | 152.336 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 13.204 | 172 | 917056 | 82.196 | ng | | -0.01 |
| 79) Terphenyl-d14 | 19.869 | 244 | 1640570 | 76.392 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 32) Benzoic acid | 10.093 | 122 | 61 | 6.340 | ng | | 89 |
| 41) Hexachlorocyclopentadiene | 12.740 | 237 | 46 | 5.520 | ng | # | 63 |
| 48) 2-Nitroaniline | 13.481 | 65 | 7187 | 2.834 | ng | # | 11 |
| 50) Dimethylphthalate | 14.034 | 163 | 191329 | 15.883 | ng | | 99 |
| 54) 2,4-Dinitrophenol | 14.698 | 184 | 39 | 4.871 | ng | # | 1 |

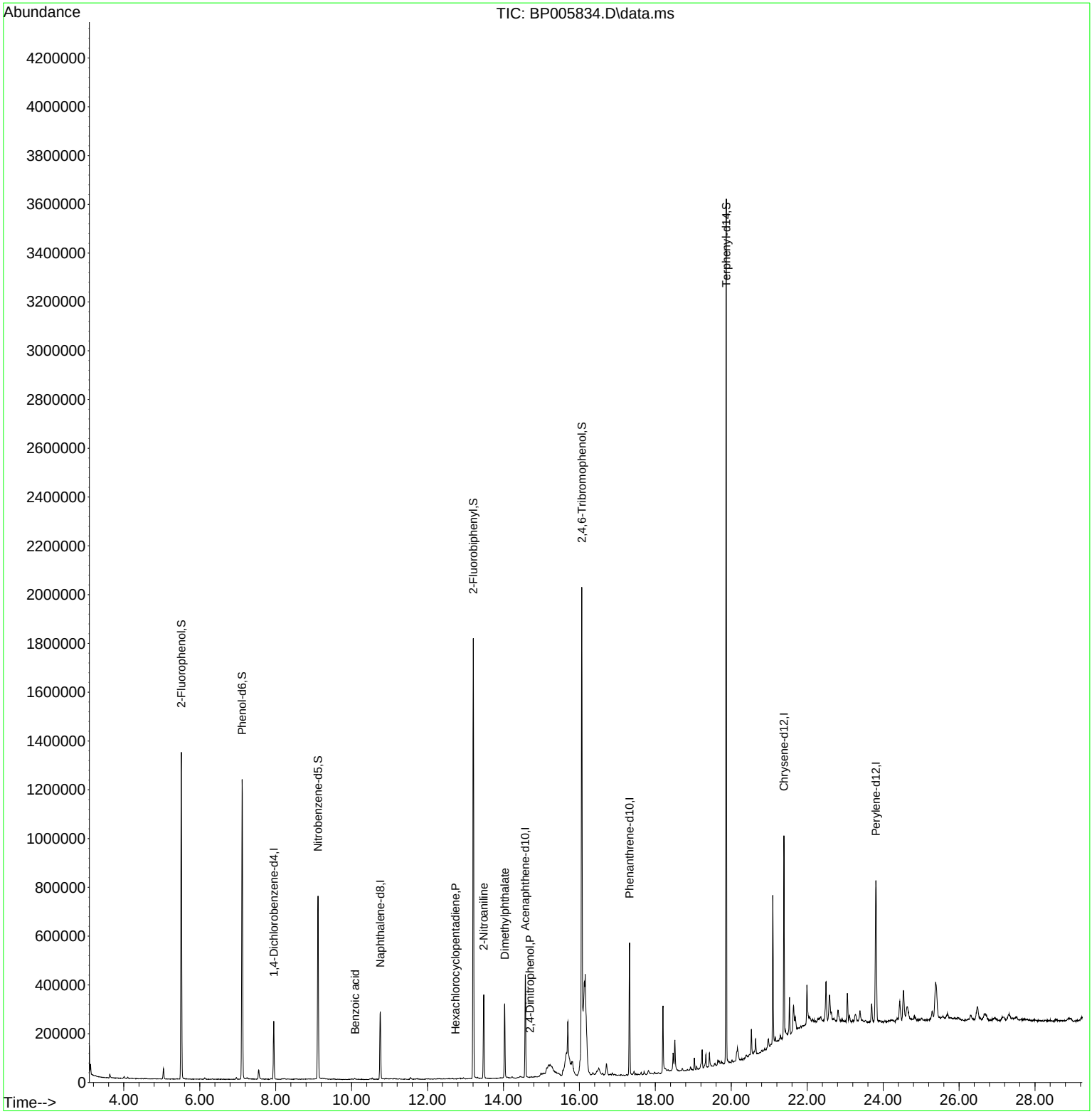
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

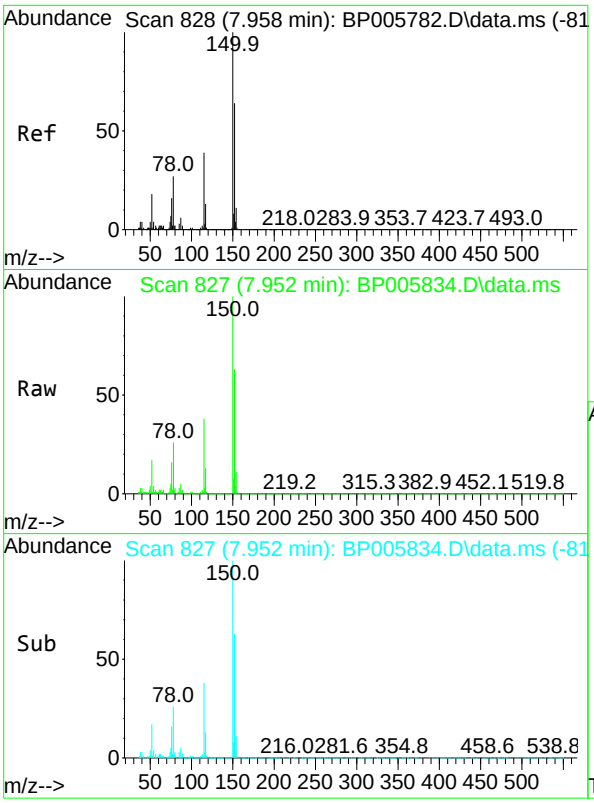
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
Data File : BP005834.D
Acq On : 10 Jun 2021 13:02
Operator : CG/JU
Sample : M2637-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

Quant Time: Jun 10 13:34:10 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 09 11:54:55 2021
Response via : Initial Calibration



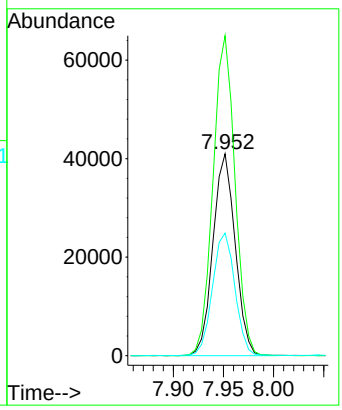
**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

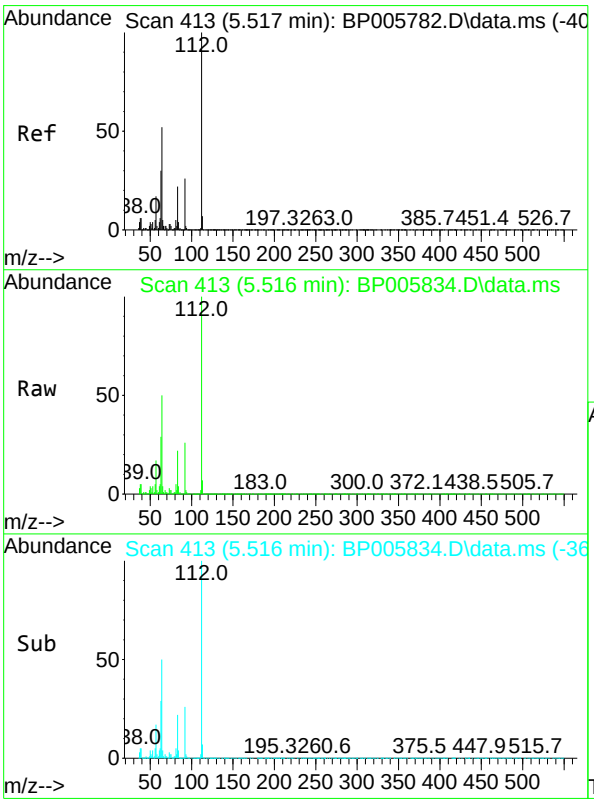



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 827
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:152 Resp: 62948

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.5 | 125.6 | 188.4 |
| 115 | 60.7 | 48.5 | 72.7 |

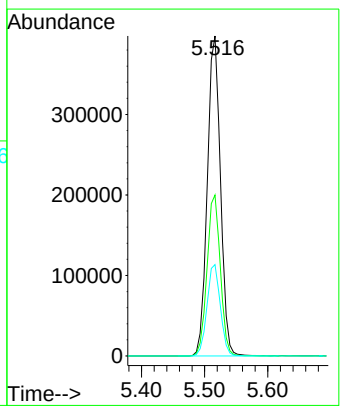


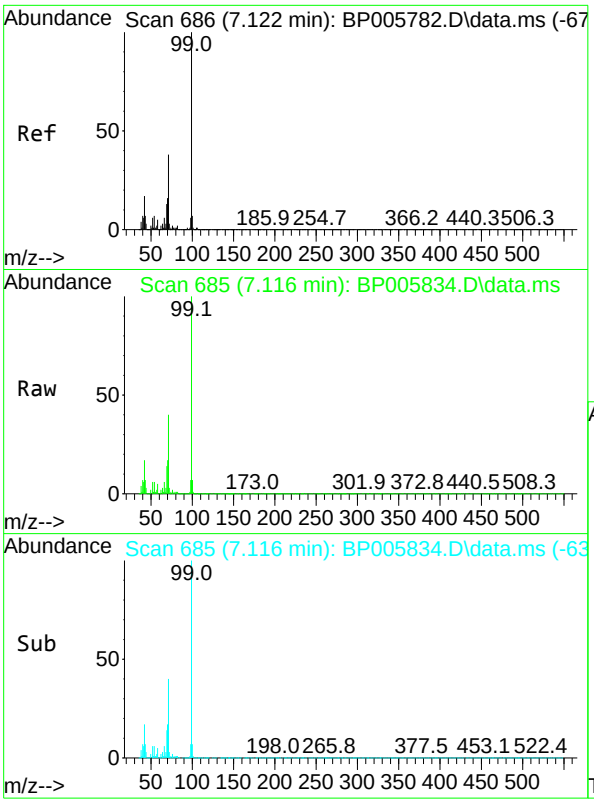

#5
2-Fluorophenol
Concen: 146.875 ng
RT: 5.516 min Scan# 413
Delta R.T. -0.001 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:112 Resp: 576176

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.3 | 41.4 | 62.2 |
| 63 | 28.6 | 23.8 | 35.8 |



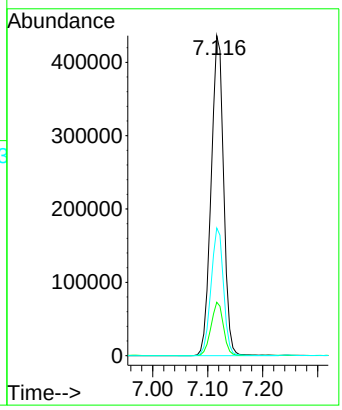
**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

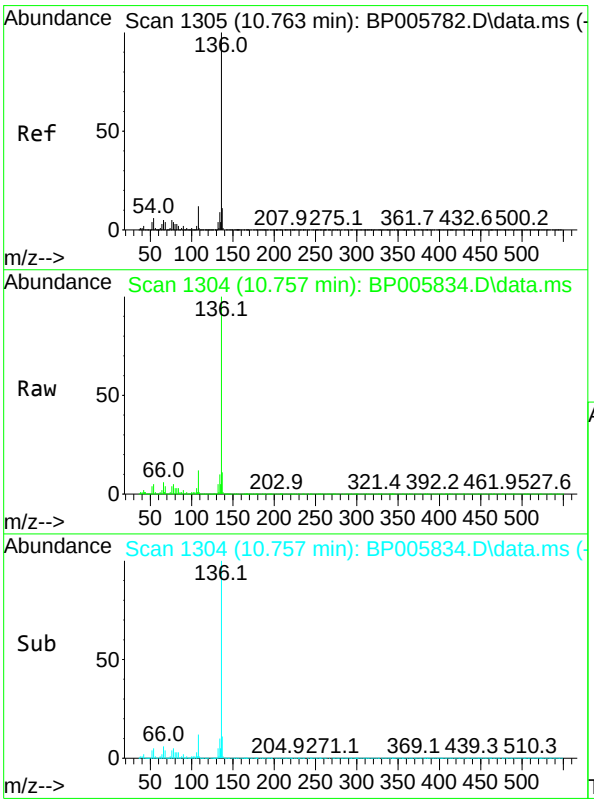



#7
Phenol-d6
Concen: 135.487 ng
RT: 7.116 min Scan# 685
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 99 Resp: 688906

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.7 | 13.4 | 20.0 |
| 71 | 39.9 | 30.6 | 46.0 |

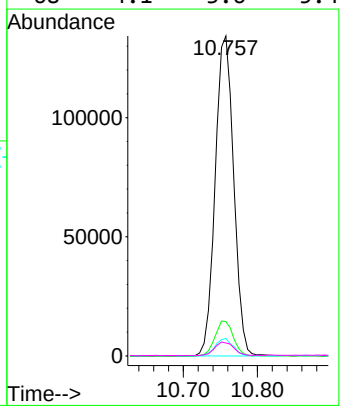


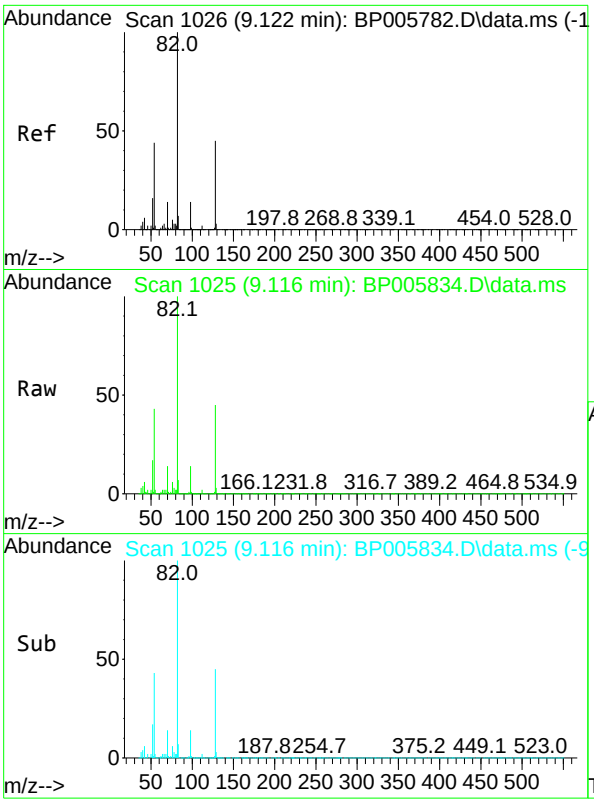

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:136 Resp: 232409

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 12.8 |
| 54 | 5.4 | 4.6 | 6.8 |
| 68 | 4.1 | 3.6 | 5.4 |



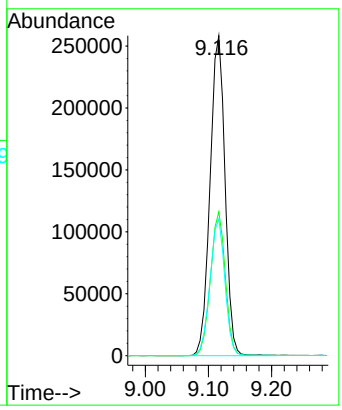
**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

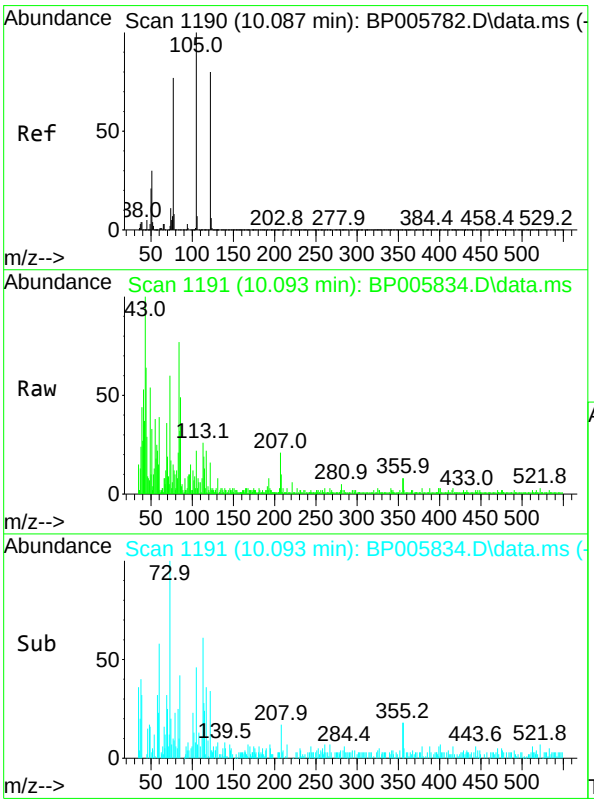



#23
Nitrobenzene-d5
Concen: 89.618 ng
RT: 9.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 82 Resp: 424827

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 44.9 | 35.7 | 53.5 |
| 54 | 42.8 | 35.0 | 52.4 |

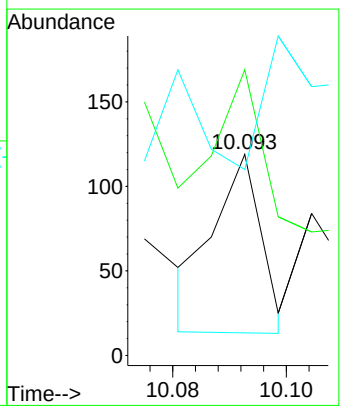


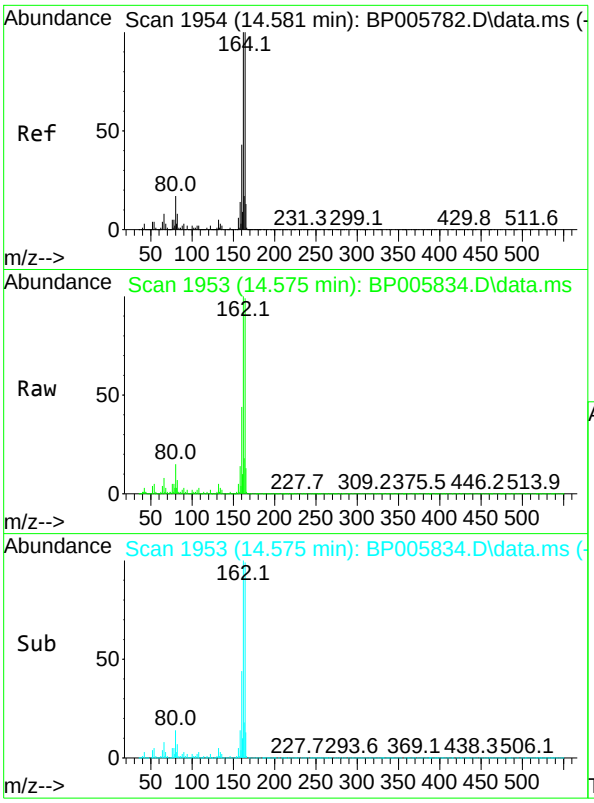

#32
Benzoic acid
Concen: 6.340 ng
RT: 10.093 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:122 Resp: 61

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 142.0 | 103.2 | 143.2 |
| 77 | 92.4 | 76.2 | 116.2 |



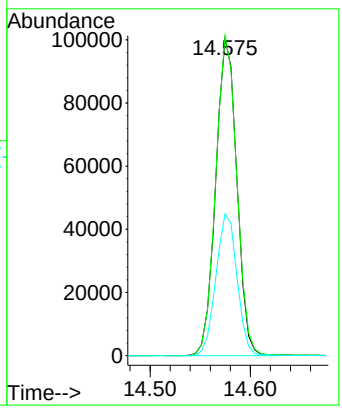
**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

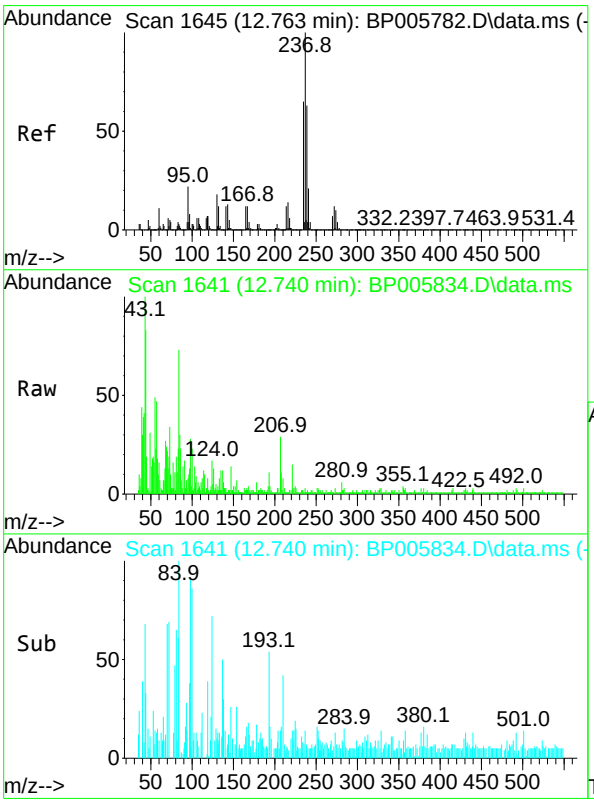



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.575 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:164 Resp: 146506

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.2 | 120.2 |
| 160 | 44.8 | 34.5 | 51.7 |

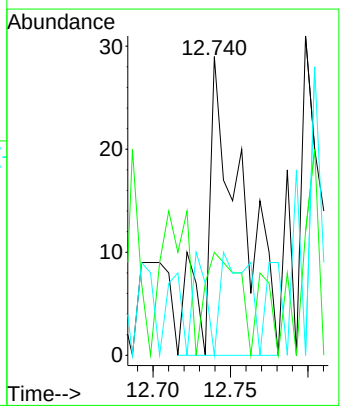


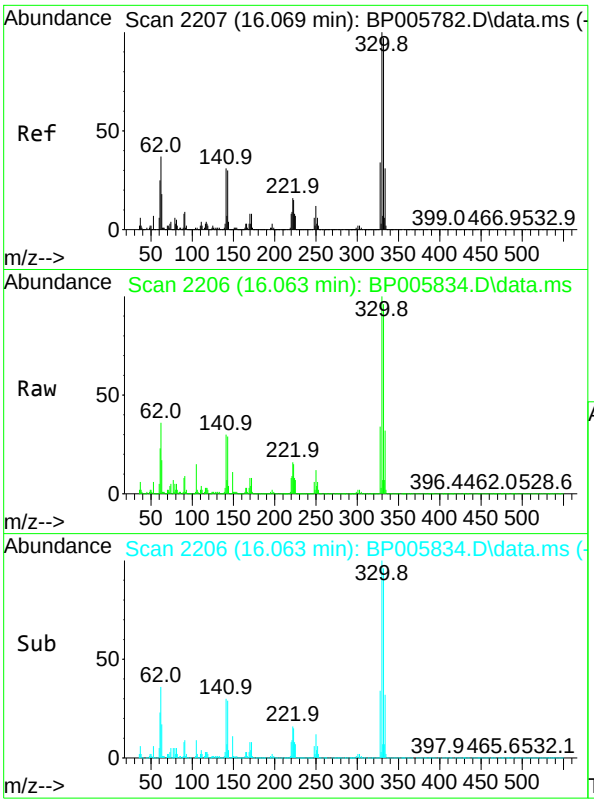

#41
Hexachlorocyclopentadiene
Concen: 5.520 ng
RT: 12.740 min Scan# 1641
Delta R.T. -0.023 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:237 Resp: 46

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 34.5 | 44.5 | 84.5# |
| 272 | 0.0 | 0.0 | 32.5 |



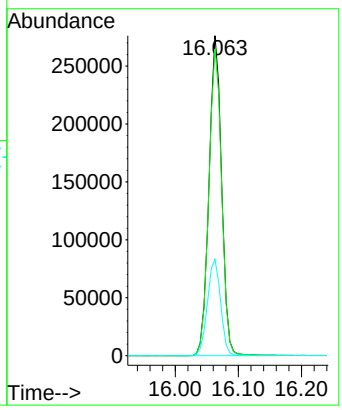
**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

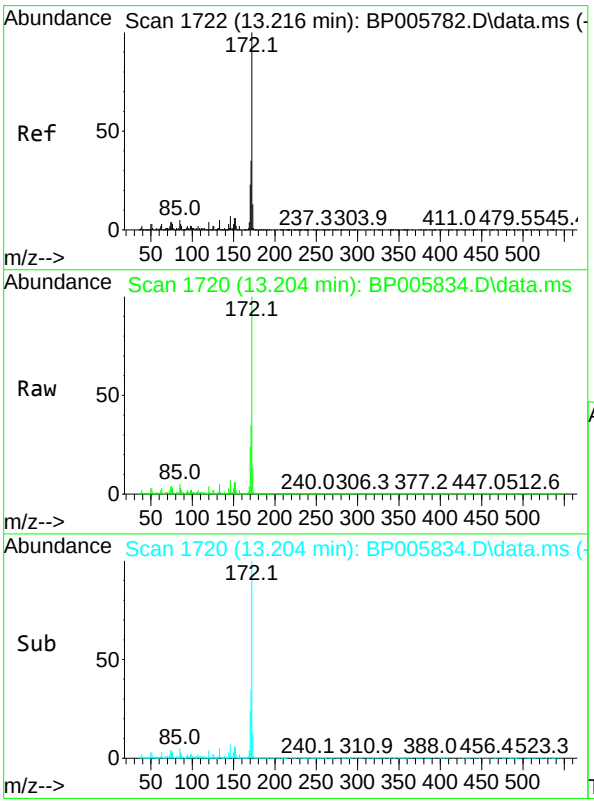



#42
2,4,6-Tribromophenol
Concen: 152.336 ng
RT: 16.063 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:330 Resp: 382996

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.3 | 77.8 | 116.8 |
| 141 | 31.6 | 25.4 | 38.2 |

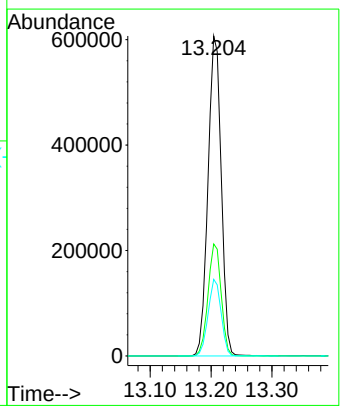


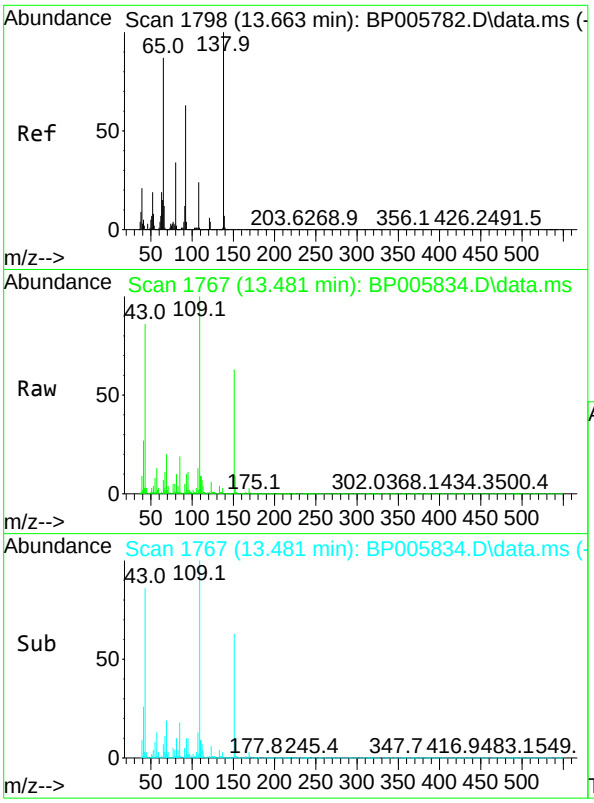

#45
2-Fluorobiphenyl
Concen: 82.196 ng
RT: 13.204 min Scan# 1720
Delta R.T. -0.012 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:172 Resp: 917056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.0 | 27.9 | 41.9 |
| 170 | 24.0 | 18.6 | 27.8 |



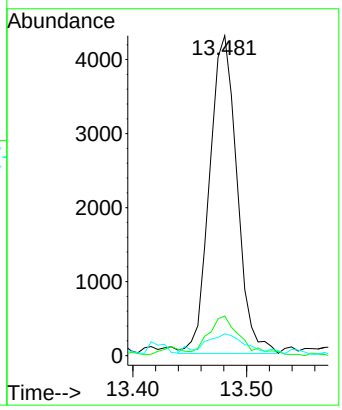
**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

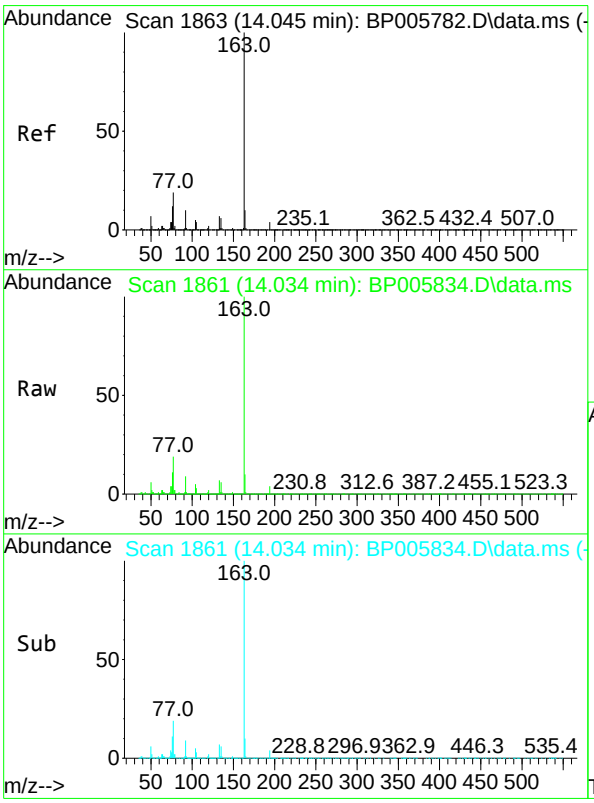



#48
2-Nitroaniline
Concen: 2.834 ng
RT: 13.481 min Scan# 1767
Delta R.T. -0.182 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion: 65 Resp: 7187

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 12.4 | 57.7 | 86.5# |
| 138 | 6.8 | 92.1 | 138.1# |

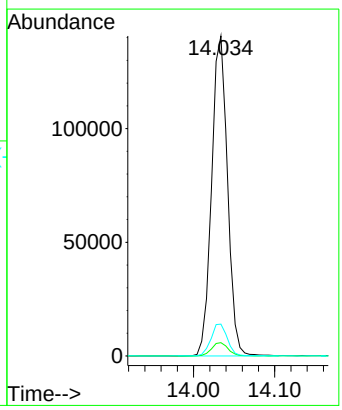


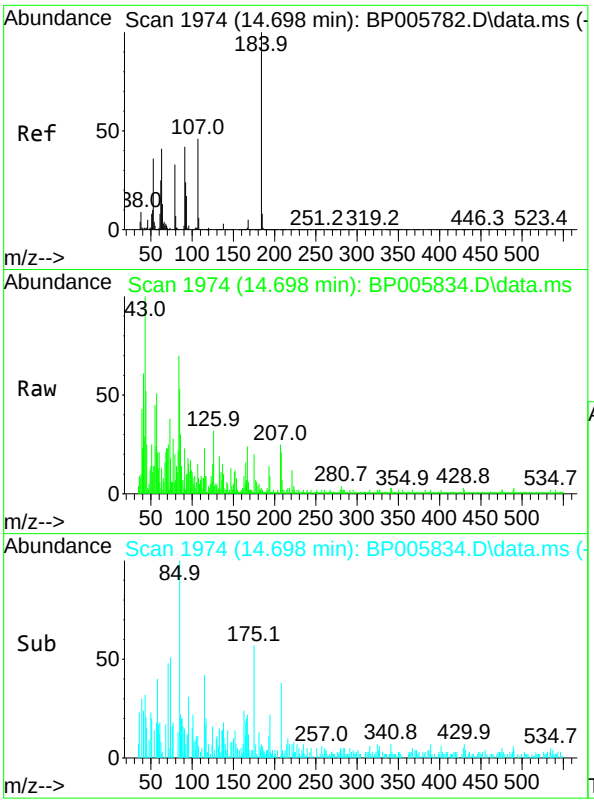

#50
Dimethylphthalate
Concen: 15.883 ng
RT: 14.034 min Scan# 1861
Delta R.T. -0.012 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:163 Resp: 191329

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.1 | 3.4 | 5.2 |
| 164 | 10.0 | 8.2 | 12.2 |



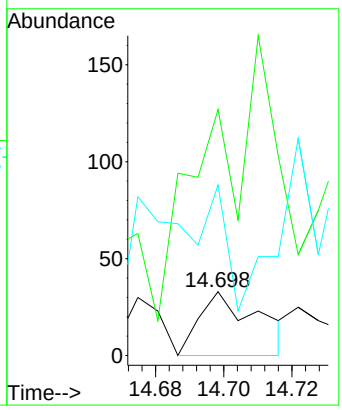
**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

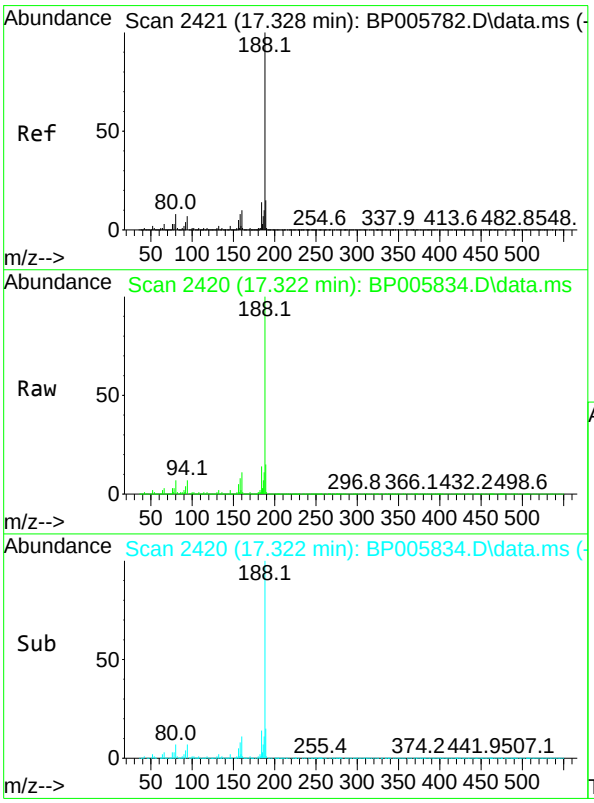



#54
2,4-Dinitrophenol
Concen: 4.871 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.000 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:184 Resp: 39

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 384.8 | 47.0 | 70.6# |
| 154 | 266.7 | 52.3 | 78.5# |

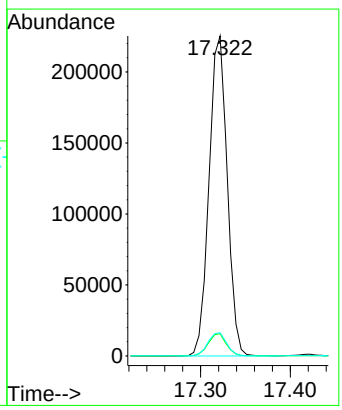


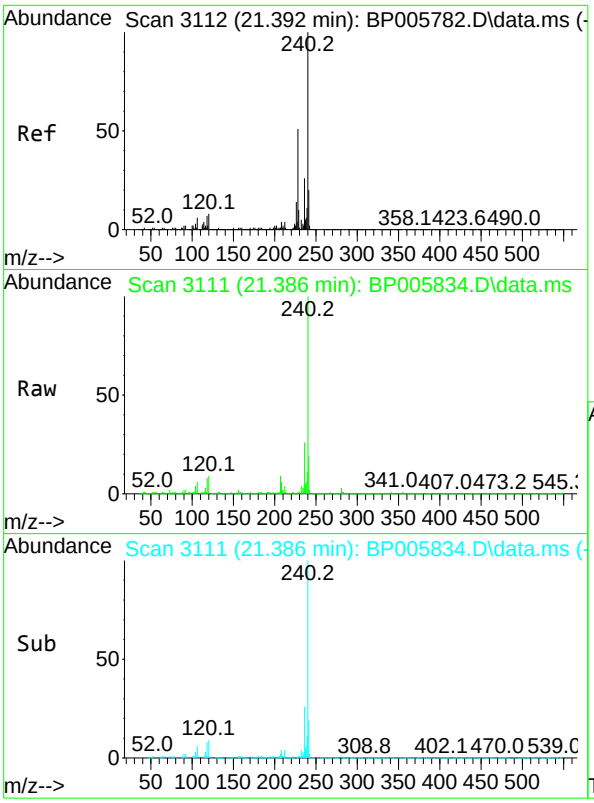




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.322 min Scan# 2420
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:188 Resp: 317309

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.0 | 5.6 | 8.4 |
| 80 | 7.3 | 6.3 | 9.5 |

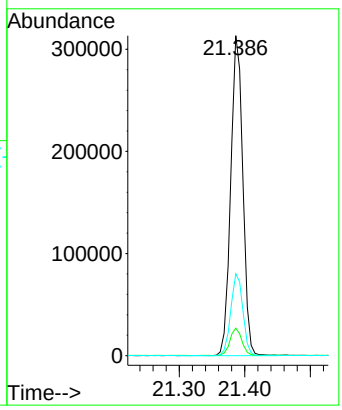




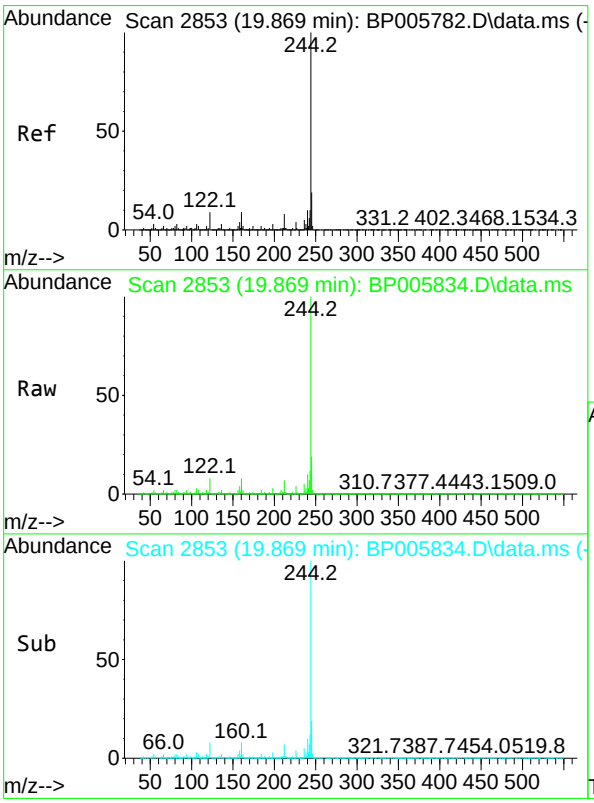

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.386 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:240 Resp: 402128

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.6 | 6.5 | 9.7 |
| 236 | 25.6 | 20.6 | 31.0 |



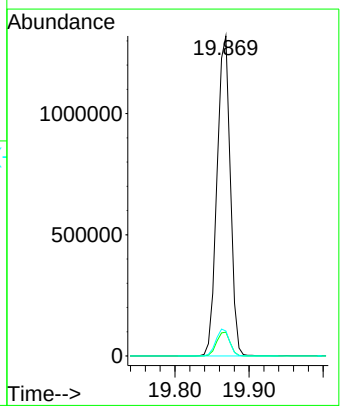

**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)

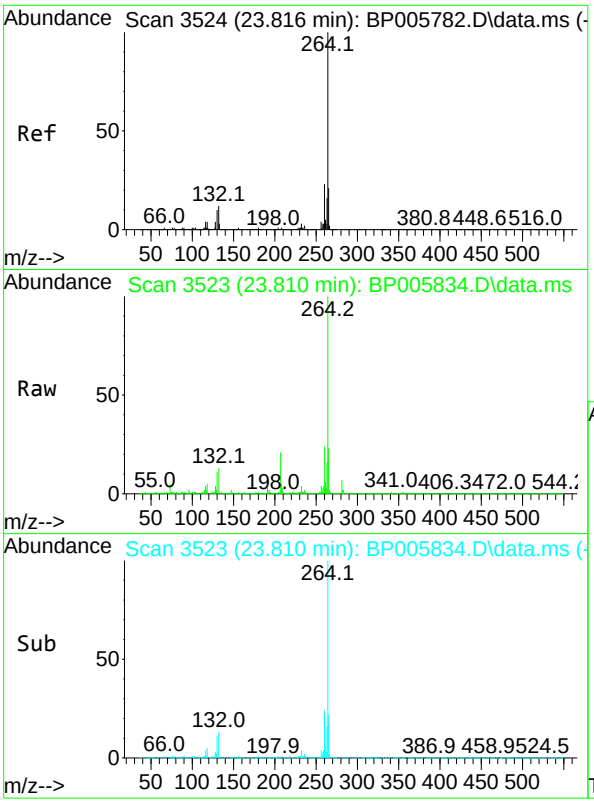



#79
Terphenyl-d14
Concen: 76.392 ng
RT: 19.869 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:244 Resp: 1640570

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.5 | 6.0 | 9.0 |
| 122 | 7.8 | 7.1 | 10.7 |

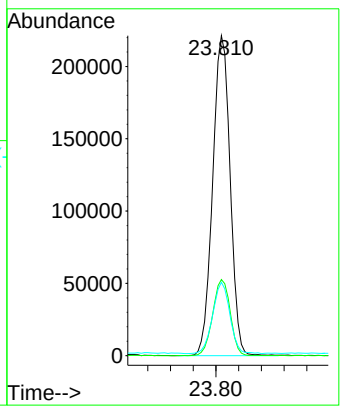





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.810 min Scan# 3523
Delta R.T. -0.006 min
Lab File: BP005834.D
Acq: 10 Jun 2021 13:02

Tgt Ion:264 Resp: 472222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.8 | 18.6 | 28.0 |
| 265 | 23.0 | 17.6 | 26.4 |




**Instrument :**
BNA_P
**ClientSampleId :**
18-B12(230-234)