Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007379.D
Acq On : 08 Oct 2021 18:08
Operator : CG/JU
Sample : PB139656BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL

Quant Time: Oct 08 18:37:12 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP100821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 15:35:55 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc Units | Dev(Min) |
|---|---|---|---|---|---|
| Internal Standards | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.781 | 152 | 172953 | 20.000 ng | 0.00 |
| 21) Naphthalene-d8 | 10.575 | 136 | 409525 | 20.000 ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.422 | 164 | 291301 | 20.000 ng | 0.00 |
| 64) Phenanthrene-d10 | 17.175 | 188 | 654469 | 20.000 ng | -0.01 |
| 76) Chrysene-d12 | 21.268 | 240 | 684379 | 20.000 ng | -0.01 |
| 86) Perylene-d12 | 23.621 | 264 | 677965 | 20.000 ng | -0.02 |
| System Monitoring Compounds | | | | | |
| 5) 2-Fluorophenol | 5.358 | 112 | 1493747 | 142.311 ng | 0.00 |
| 7) Phenol-d6 | 6.963 | 99 | 1602153 | 113.695 ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.946 | 82 | 627045 | 90.178 ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.922 | 330 | 921488 | 192.849 ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.051 | 172 | 1857993 | 89.124 ng | 0.00 |
| 79) Terphenyl-d14 | 19.745 | 244 | 3383811 | 87.207 ng | 0.00 |
| Target Compounds | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.181 | 88 | 282 | Below Cal | # 10 |
| 36) 4-Chloro-3-methylphenol | 11.881 | 107 | 13 | 2.319 ng | # 83 |
| 41) Hexachlorocyclopentadiene | 12.569 | 237 | 32 | 6.063 ng | 91 |
| 66) n-Nitrosodiphenylamine | 15.916 | 169 | 25714 | Below Cal | # 43 |
| 68) Hexachlorobenzene | 16.486 | 284 | 29 | Below Cal | # 57 |
| 69) Atrazine | 16.445 | 200 | 24 | Below Cal | 82 |
| 88) Benzo(b)fluoranthene | 22.910 | 252 | 598 | Below Cal | # 1 |
| 89) Benzo(k)fluoranthene | 22.968 | 252 | 140 | Below Cal | # 1 |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100821\
Data File : BP007379.D
Acq On : 08 Oct 2021 18:08
Operator : CG/JU
Sample : PB139656BL
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ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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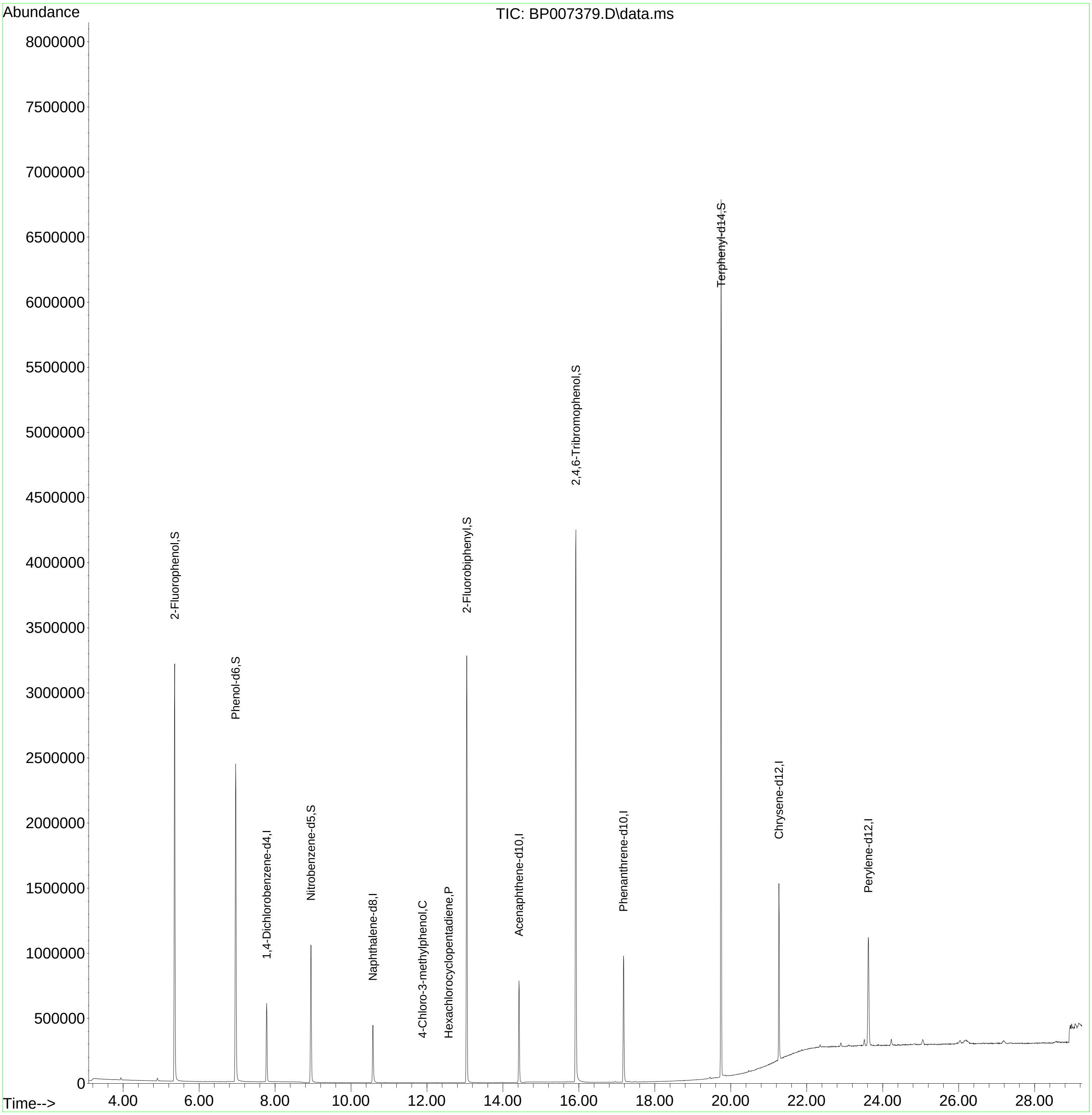
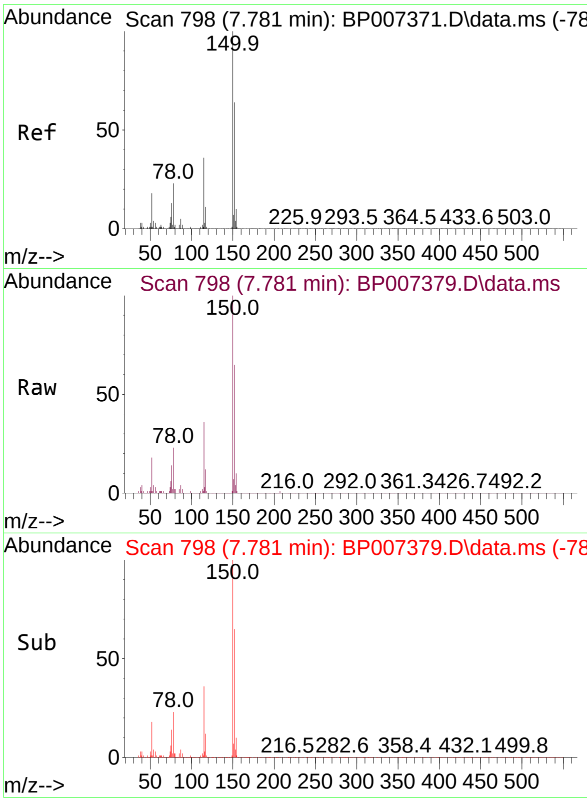
Response via : Initial Calibration



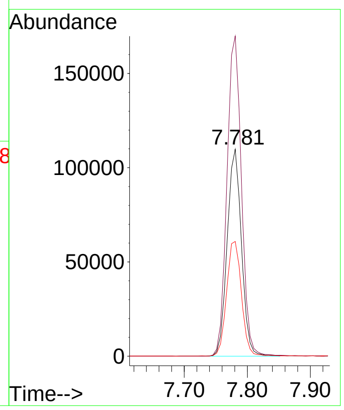
**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL

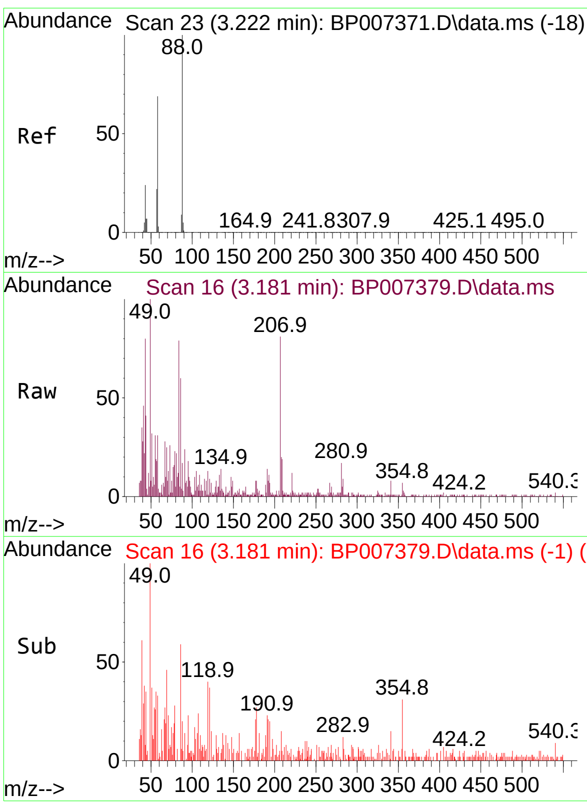



#1
1,4-Dichlorobenzene-d4
Concen:   20.000 ng
RT:   7.781 min   Scan# 798
Delta R.T.   -0.000 min
Lab File:   BP007379.D
Acq: 08 Oct 2021   18:08

Tgt Ion:152 Resp:   172953

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 154.7 | 125.6 | 188.4 |
| 115 | 55.5 | 48.5 | 72.7 |

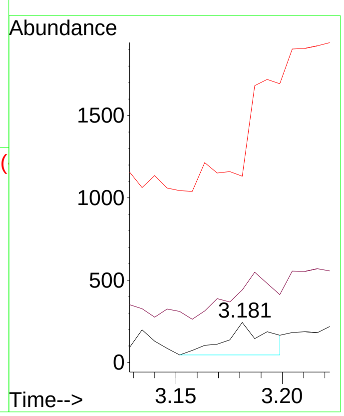


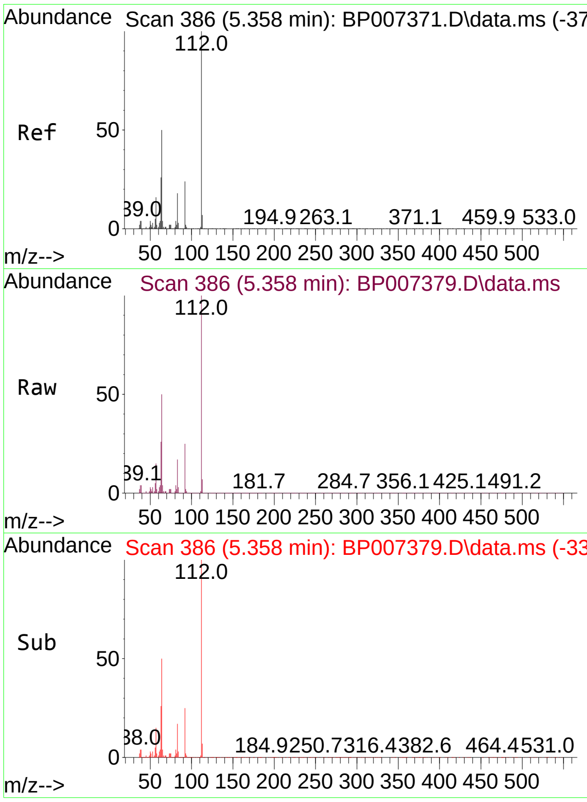

#2
1,4-Dioxane
Concen:   Below Cal
RT:   3.181 min   Scan# 16
Delta R.T.   -0.041 min
Lab File:   BP007379.D
Acq: 08 Oct 2021   18:08

Tgt Ion: 88 Resp:      282

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 138.7 | 46.7 | 70.1# |
| 43 | 0.0 | 20.3 | 30.5# |



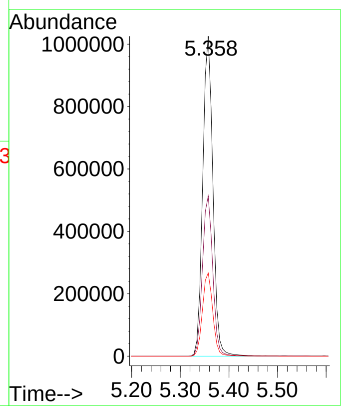
**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL

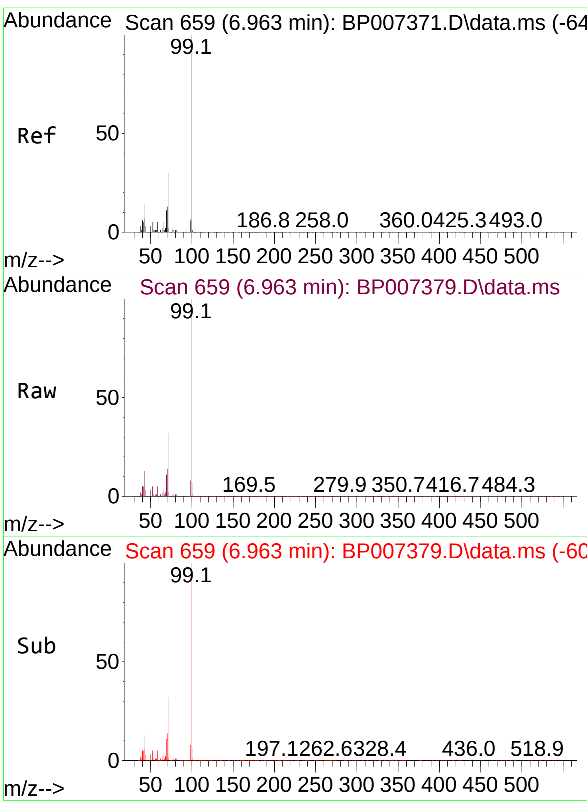



#5
2-Fluorophenol
Concen: 142.311 ng
RT: 5.358 min Scan# 386
Delta R.T. -0.000 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:112 Resp: 1493747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.0 | 41.4 | 62.2 |
| 63 | 26.0 | 23.8 | 35.8 |

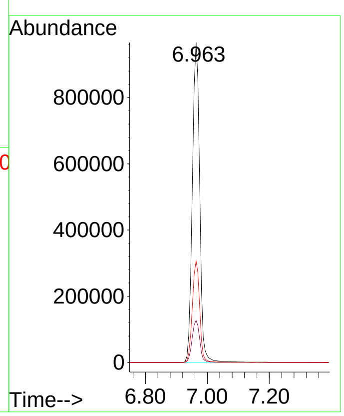


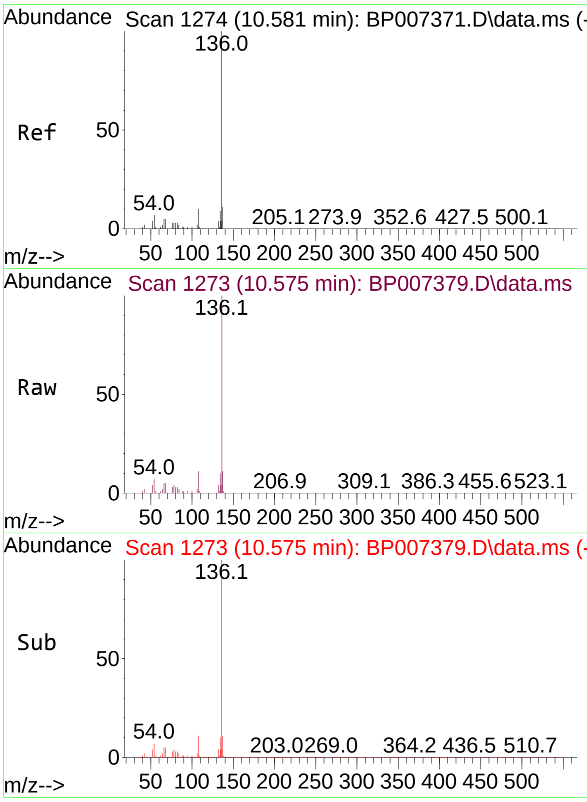

#7
Phenol-d6
Concen: 113.695 ng
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion: 99 Resp: 1602153

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 13.1 | 13.4 | 20.0# |
| 71 | 31.8 | 30.6 | 46.0 |



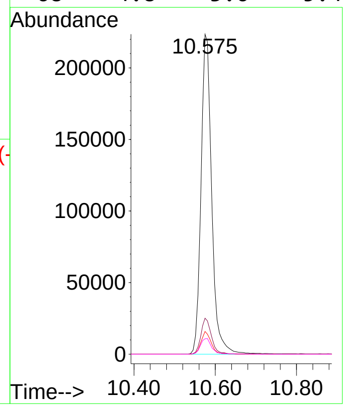
**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL

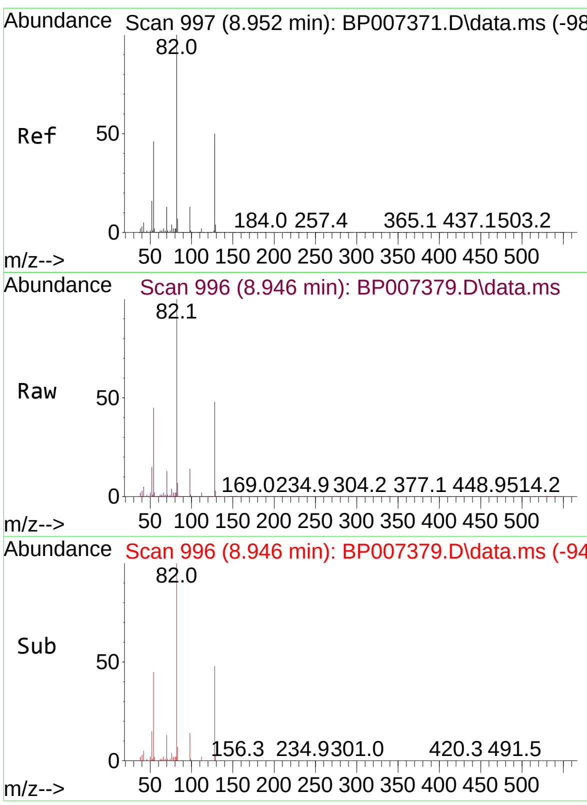



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:136 Resp: 409525

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.6 | 12.8 |
| 54 | 7.1 | 4.6 | 6.8# |
| 68 | 4.8 | 3.6 | 5.4 |

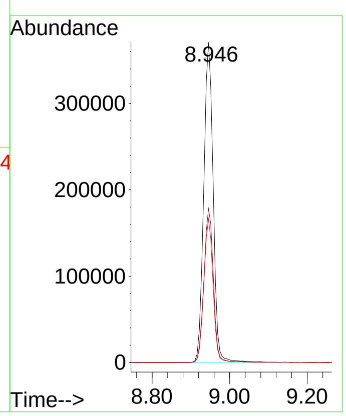


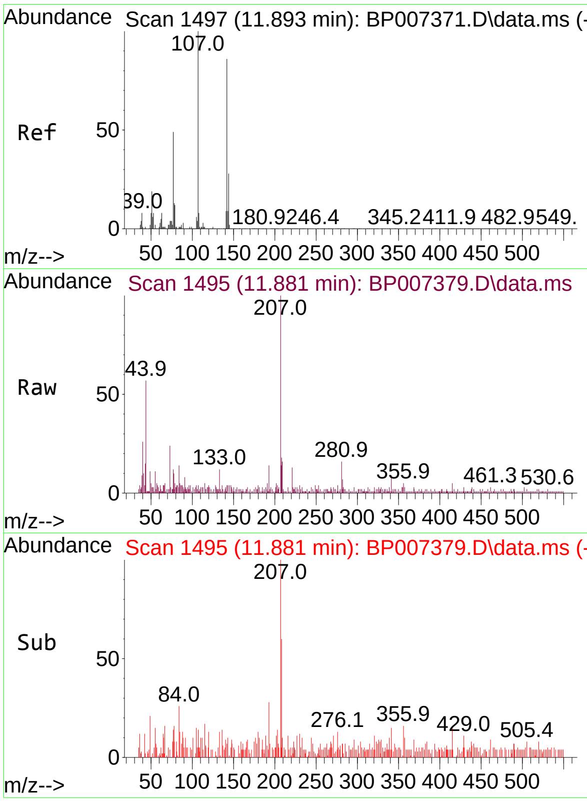




#23
Nitrobenzene-d5
Concen: 90.178 ng
RT: 8.946 min Scan# 996
Delta R.T. -0.006 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion: 82 Resp: 627045

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 48.1 | 35.7 | 53.5 |
| 54 | 44.8 | 35.0 | 52.4 |

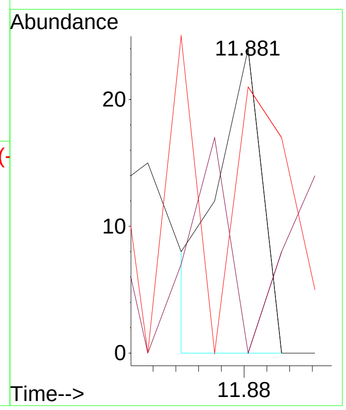




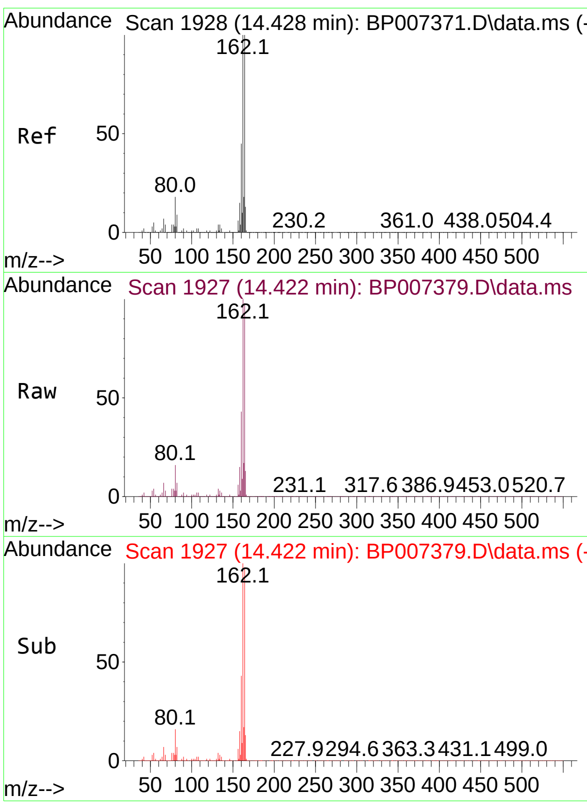

#36
4-Chloro-3-methylphenol
Concen:    2.319 ng
RT:  11.881 min  Scan# 1495
Delta R.T.  -0.012 min
Lab File:   BP007379.D
Acq: 08 Oct 2021  18:08

Tgt Ion:107 Resp:     13

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 107 | 100 | | |
| 144 | 0.0 | 21.1 | 31.7# |
| 142 | 87.5 | 66.0 | 99.0 |



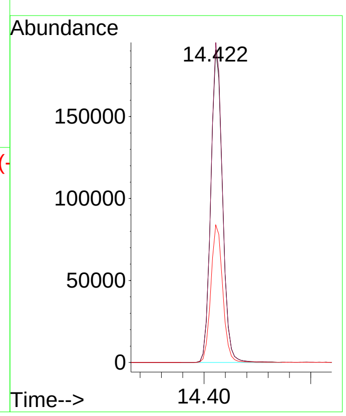

**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL



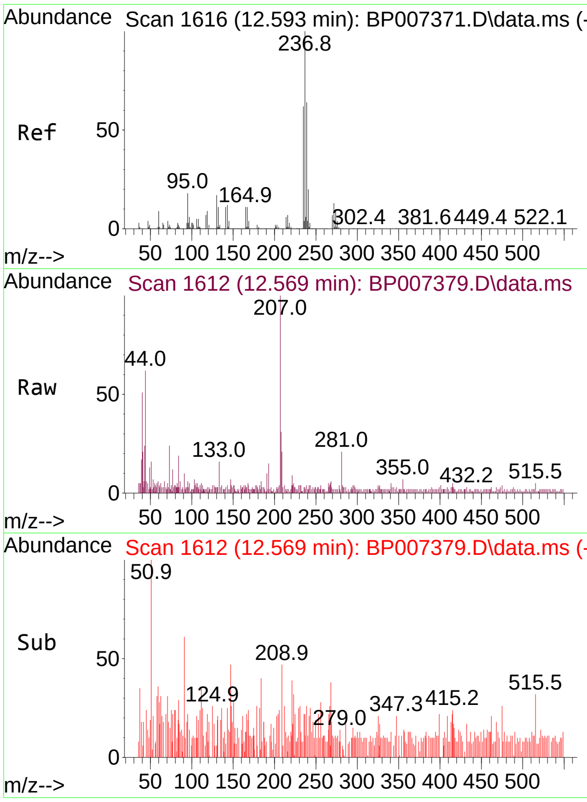

#39
Acenaphthene-d10
Concen:   20.000 ng
RT:  14.422 min  Scan# 1927
Delta R.T.  -0.006 min
Lab File:   BP007379.D
Acq: 08 Oct 2021  18:08

Tgt Ion:164 Resp:  291301

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 80.2 | 120.2 |
| 160 | 43.9 | 34.5 | 51.7 |



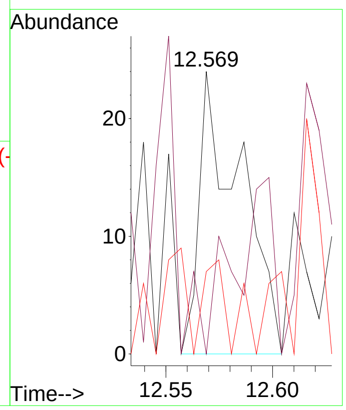
**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL

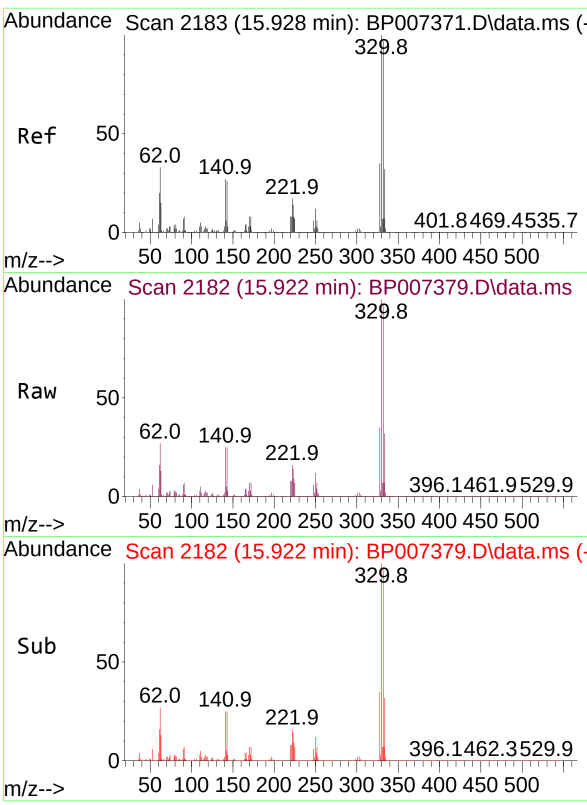



#41
Hexachlorocyclopentadiene
Concen: 6.063 ng
RT: 12.569 min Scan# 1612
Delta R.T. -0.024 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:237 Resp: 32

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 66.7 | 44.5 | 84.5 |
| 272 | 29.2 | 0.0 | 32.5 |

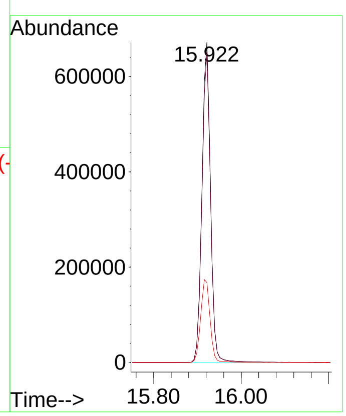


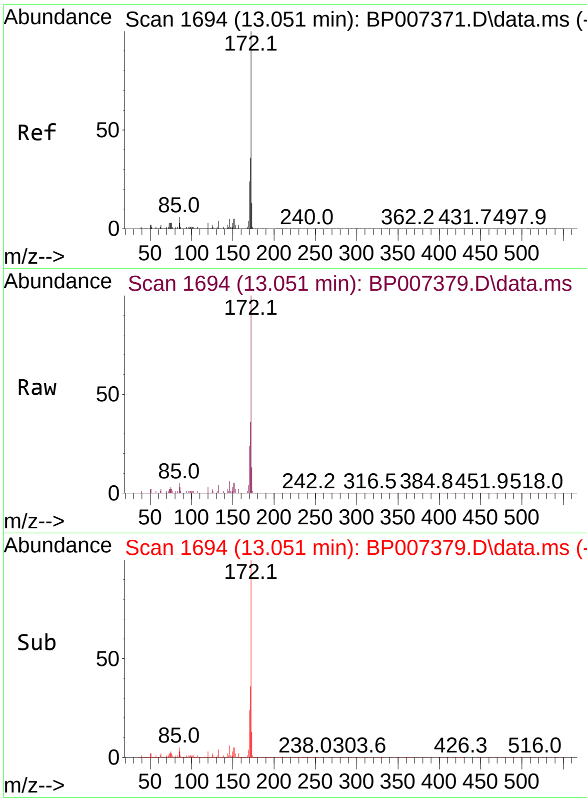




#42
2,4,6-Tribromophenol
Concen: 192.849 ng
RT: 15.922 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:330 Resp: 921488

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.6 | 77.8 | 116.8 |
| 141 | 28.2 | 25.4 | 38.2 |

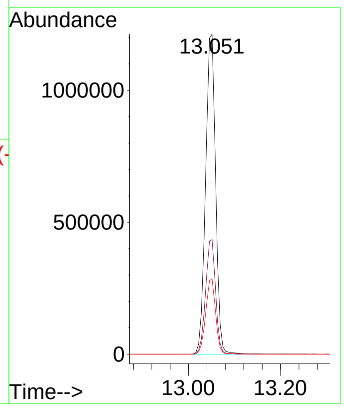





#45
2-Fluorobiphenyl
Concen: 89.124 ng
RT: 13.051 min Scan# 1694
Delta R.T. 0.000 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:172 Resp: 1857993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.8 | 27.9 | 41.9 |
| 170 | 23.5 | 18.6 | 27.8 |

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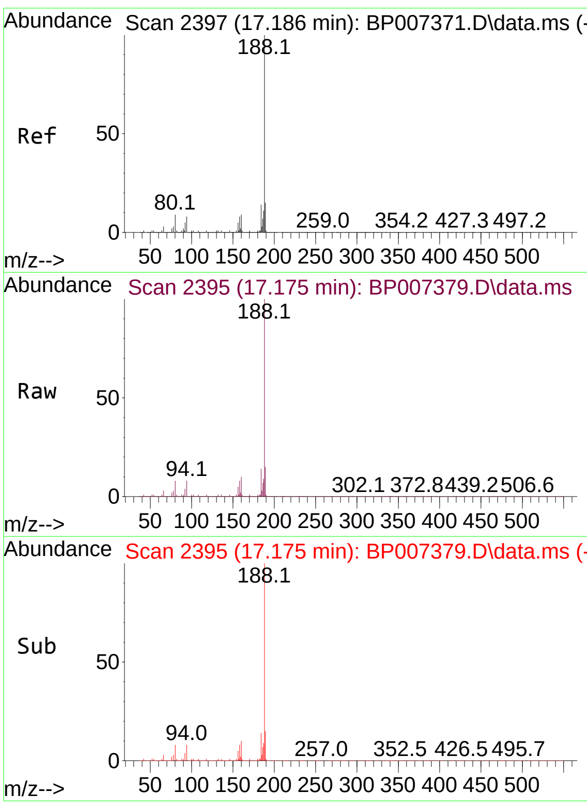
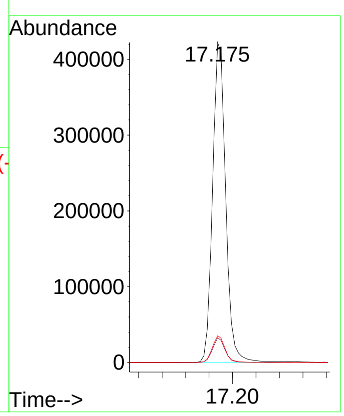
PB139656BL



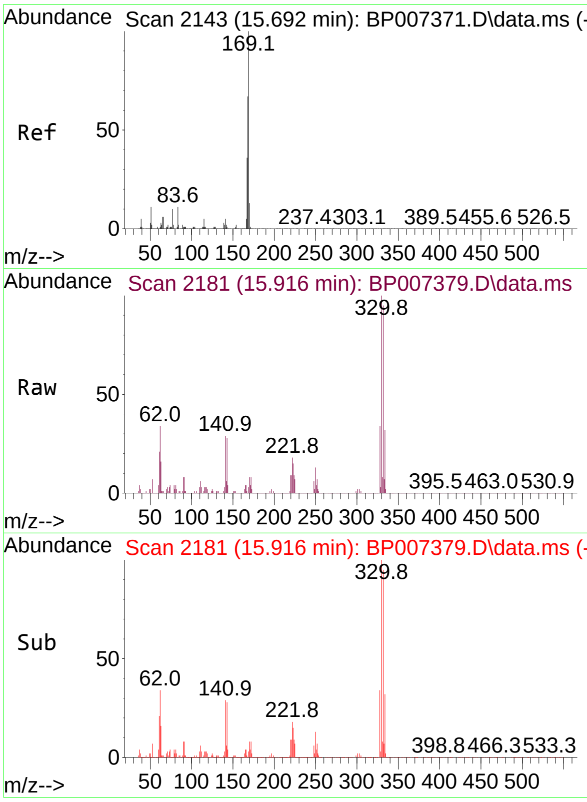

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2395
Delta R.T. -0.011 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:188 Resp: 654469

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.7 | 5.6 | 8.4 |
| 80 | 8.4 | 6.3 | 9.5 |



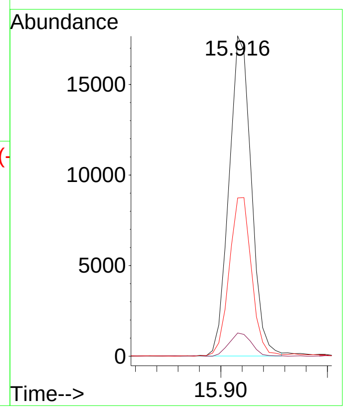
**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL

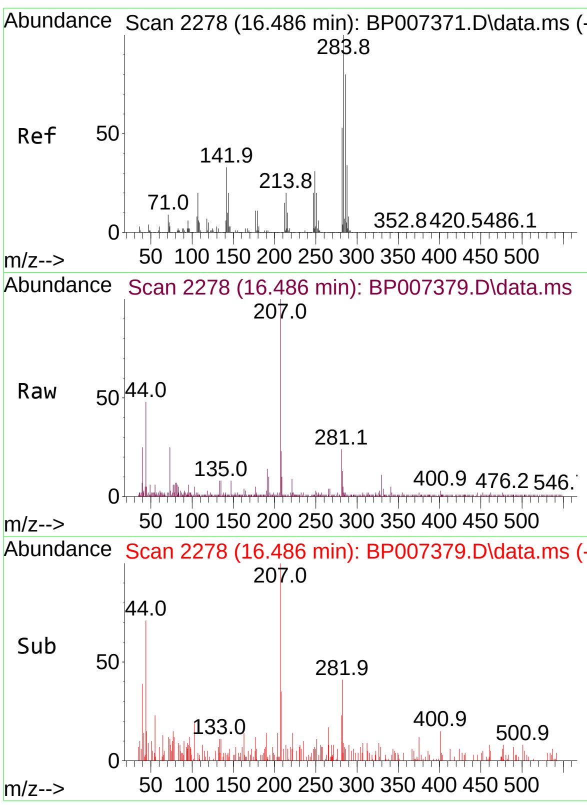



#66
n-Nitrosodiphenylamine
Concen: Below Cal
RT: 15.916 min Scan# 2181
Delta R.T. 0.224 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:169 Resp: 25714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 7.3 | 54.4 | 81.6# |
| 167 | 49.5 | 29.0 | 43.6# |

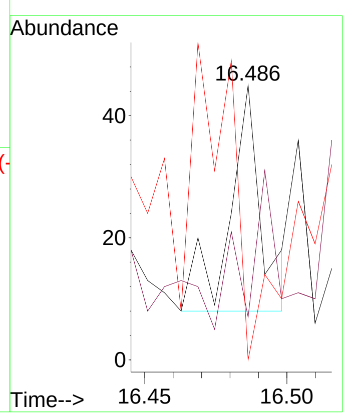


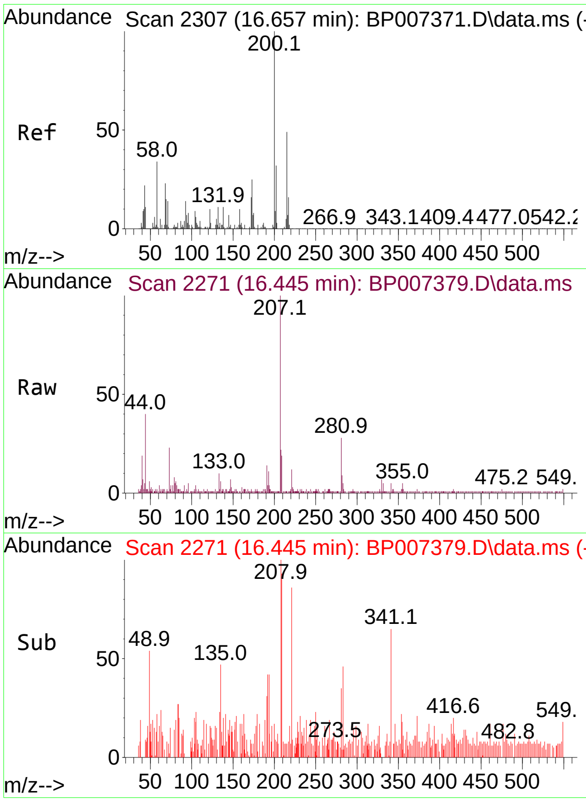




#68
Hexachlorobenzene
Concen: Below Cal
RT: 16.486 min Scan# 2278
Delta R.T. 0.000 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:284 Resp: 29

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 15.6 | 26.9 | 40.3# |
| 249 | 0.0 | 24.5 | 36.7# |

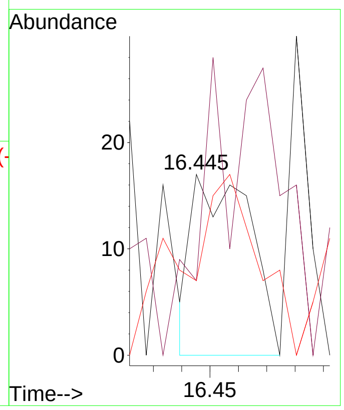





#69
Atrazine
Concen:   Below Cal
RT:  16.445 min  Scan# 2271
Delta R.T.  -0.212 min
Lab File:   BP007379.D
Acq: 08 Oct 2021  18:08

Tgt Ion:200 Resp:      24

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 41.2 | 4.1 | 44.1 |
| 215 | 41.2 | 27.7 | 67.7 |

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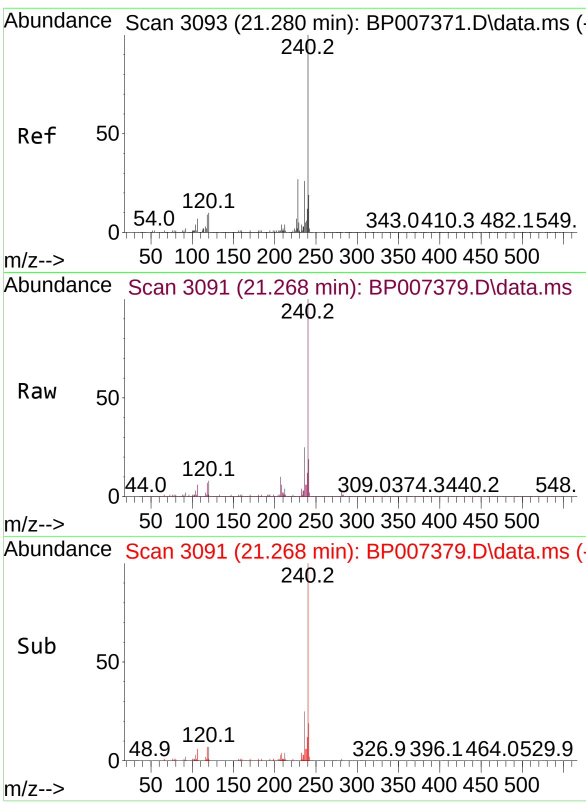
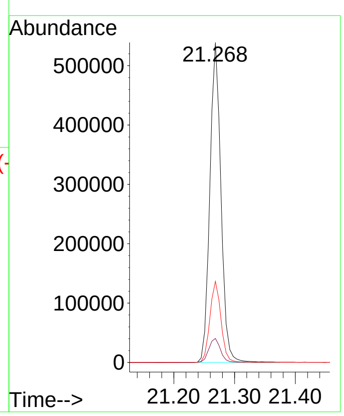


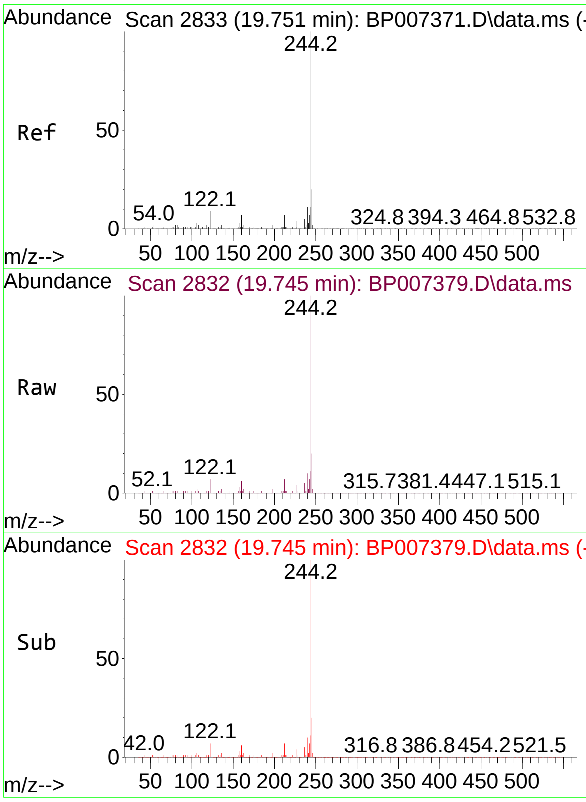

#76
Chrysene-d12
Concen:   20.000 ng
RT:  21.268 min  Scan# 3091
Delta R.T.  -0.012 min
Lab File:   BP007379.D
Acq: 08 Oct 2021  18:08

Tgt Ion:240 Resp:   684379

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.5 | 6.5 | 9.7 |
| 236 | 25.3 | 20.6 | 31.0 |



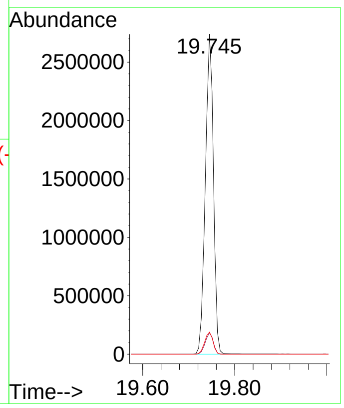
**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL

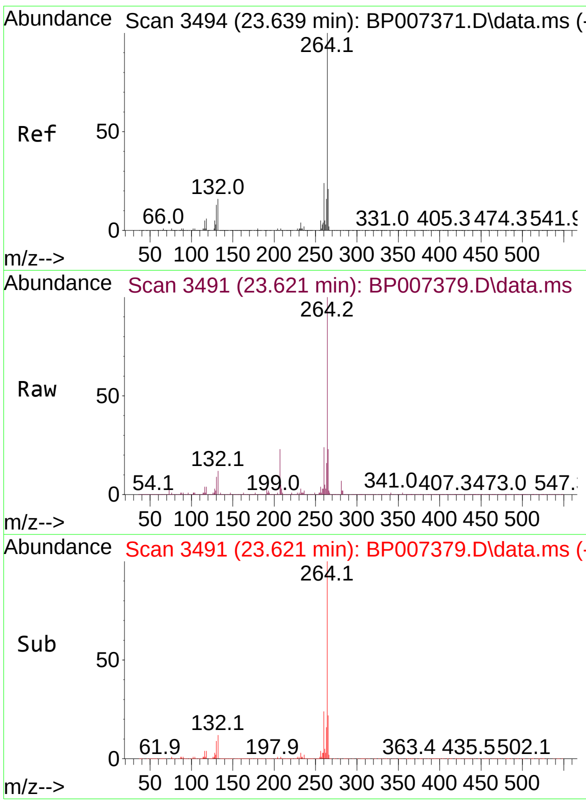



#79
Terphenyl-d14
Concen: 87.207 ng
RT: 19.745 min Scan# 2832
Delta R.T. -0.006 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:244 Resp: 3383811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.7 | 6.0 | 9.0 |
| 122 | 6.9 | 7.1 | 10.7# |

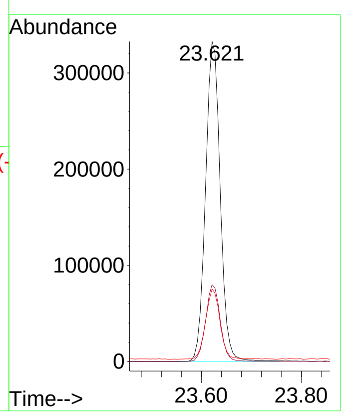


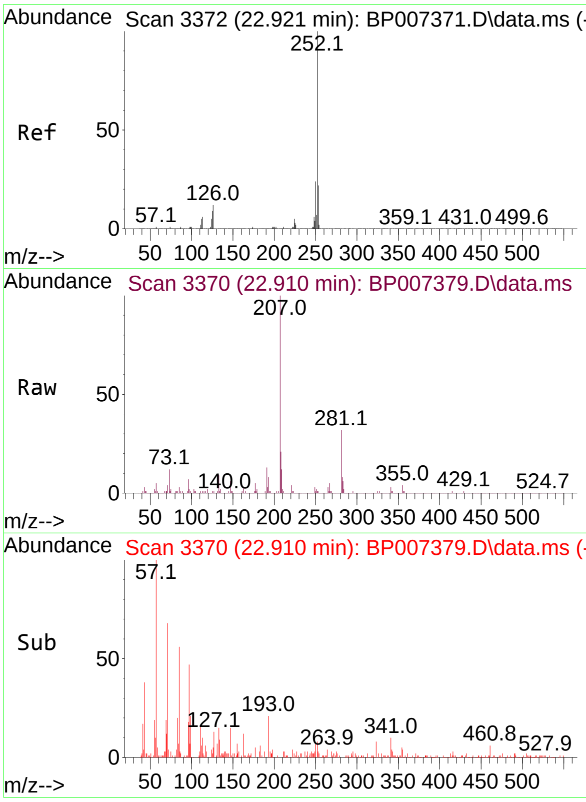

#86
Perylene-d12
Concen: 20.000 ng
RT: 23.621 min Scan# 3491
Delta R.T. -0.018 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:264 Resp: 677965

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 18.6 | 28.0 |
| 265 | 22.7 | 17.6 | 26.4 |



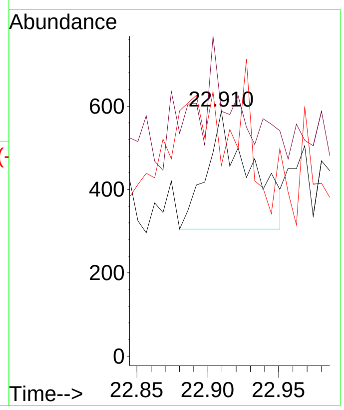
**Instrument :**
BNA_P
**ClientSampleId :**
PB139656BL

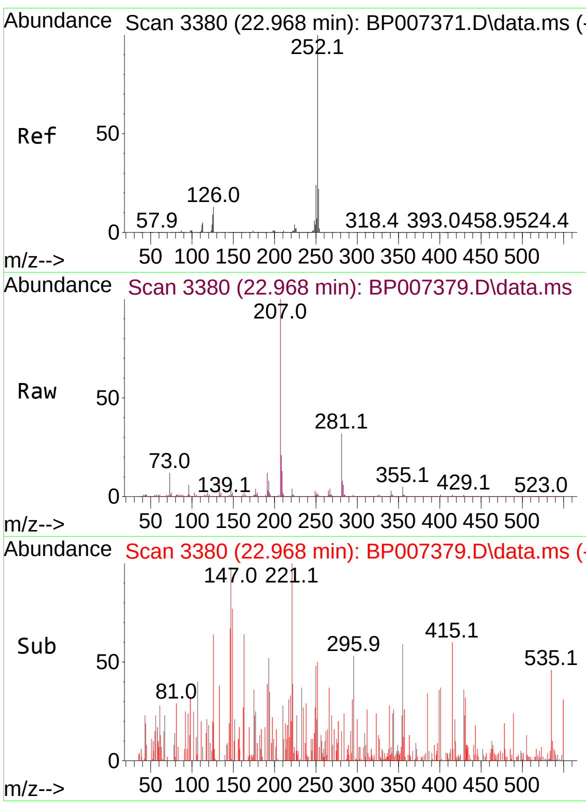



#88
Benzo(b)fluoranthene
Concen: Below Cal
RT: 22.910 min Scan# 3370
Delta R.T. -0.011 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:252 Resp: 598

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 100.0 | 17.5 | 26.3# |
| 125 | 77.9 | 6.2 | 9.4# |




#89
Benzo(k)fluoranthene
Concen: Below Cal
RT: 22.968 min Scan# 3380
Delta R.T. 0.000 min
Lab File: BP007379.D
Acq: 08 Oct 2021 18:08

Tgt Ion:252 Resp: 140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 102.6 | 17.6 | 26.4# |
| 125 | 118.6 | 6.0 | 9.0# |