Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008439.D
Acq On : 16 Dec 2021 05:40
Operator : CG/JU
Sample : M5022-59
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Quant Time: Dec 16 06:49:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.740 | 152 | 55558 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.534 | 136 | 195843 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.398 | 164 | 127702 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.163 | 188 | 273360 | 20.000 | ng | # 0.00 |
| 76) Chrysene-d12 | 21.269 | 240 | 345664 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.639 | 264 | 392560 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.340 | 112 | 339166 | 96.408 | ng | 0.00 |
| 7) Phenol-d6 | 6.940 | 99 | 423834 | 89.702 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.905 | 82 | 301912 | 65.310 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.904 | 330 | 180696 | 96.285 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.010 | 172 | 577399 | 57.477 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.739 | 244 | 1123508 | 56.568 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.264 | 88 | 334 | Below Cal | # | 19 |
| 9) Benzaldehyde | 6.875 | 77 | 115 | Below Cal | # | 28 |
| 41) Hexachlorocyclopentadiene | 12.610 | 237 | 14 | 8.661 | ng | 80 |
| 51) 2,6-Dinitrotoluene | 14.004 | 165 | 7378 | 3.655 | ng | # 24 |
| 74) Di-n-butylphthalate | 18.128 | 149 | 34253 | 2.233 | ng | # 70 |

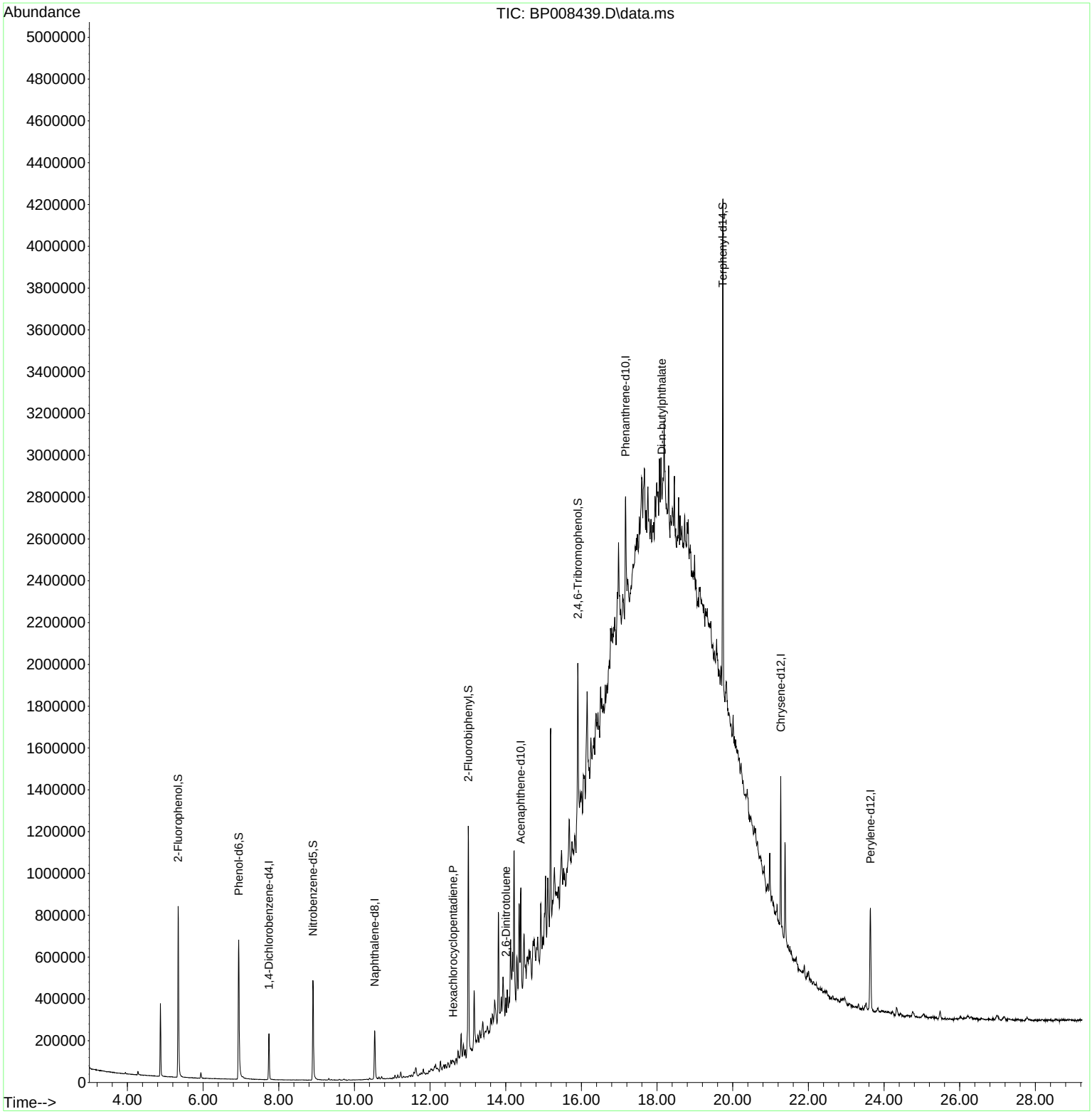
(#) = qualifier out of range (m) = manual integration (+) = signals summed

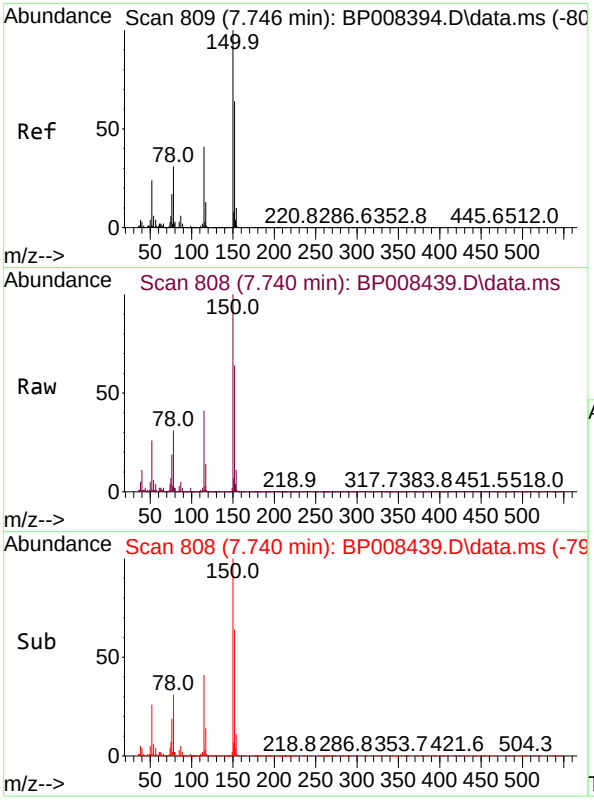
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008439.D
Acq On : 16 Dec 2021 05:40
Operator : CG/JU
Sample : M5022-59
Misc :
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Quant Time: Dec 16 06:49:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration



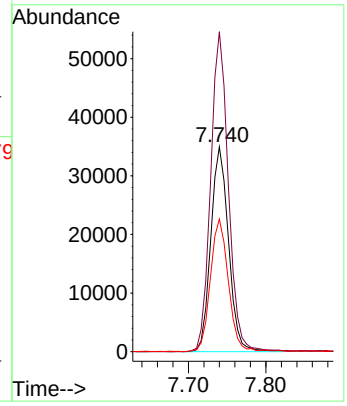


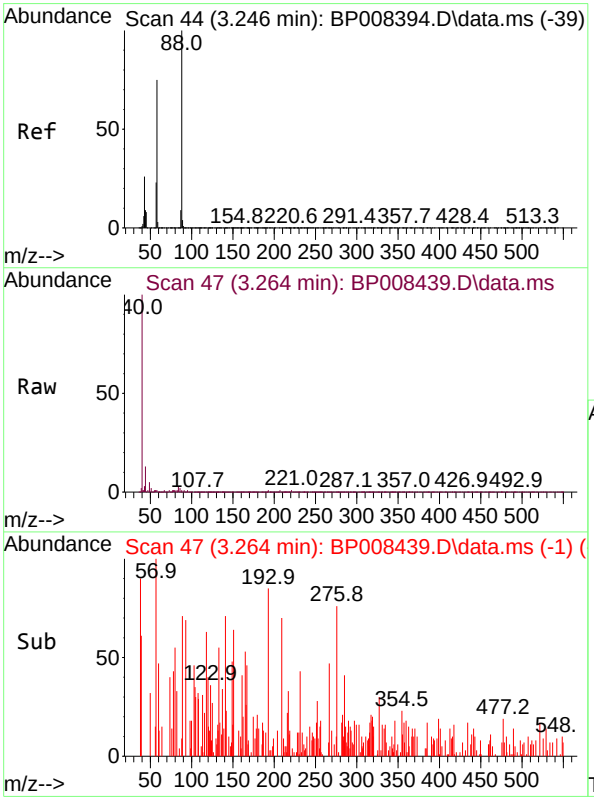

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion:152 Resp: 55558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.2 | 125.7 | 188.5 |
| 115 | 64.8 | 50.7 | 76.1 |

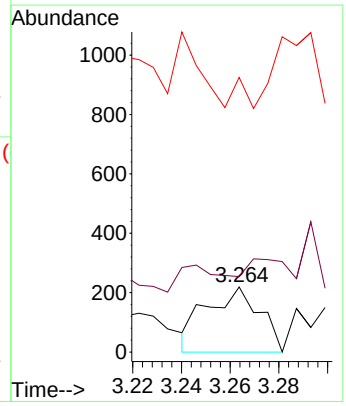


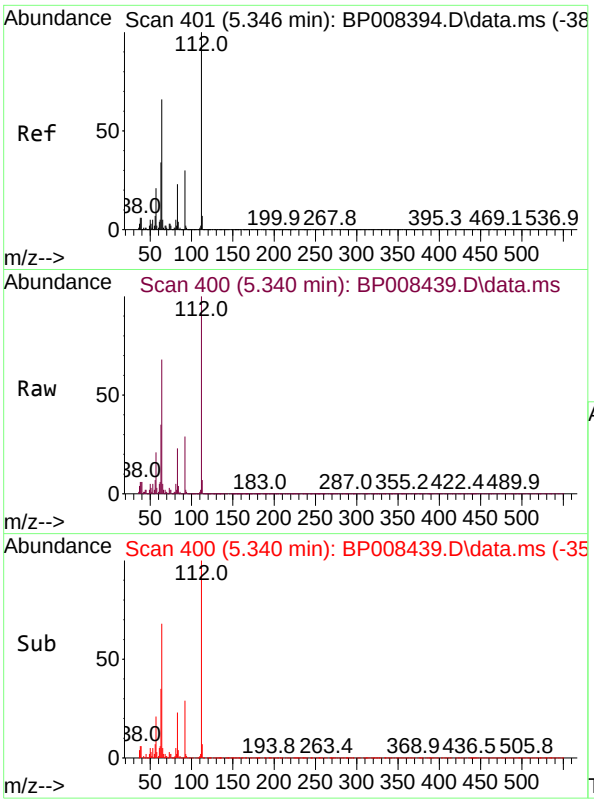




#2
1,4-Dioxane
Concen: Below Cal
RT: 3.264 min Scan# 47
Delta R.T. 0.018 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

Tgt Ion: 88 Resp: 334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 63.5 | 95.3# |
| 43 | 0.0 | 23.4 | 35.2# |



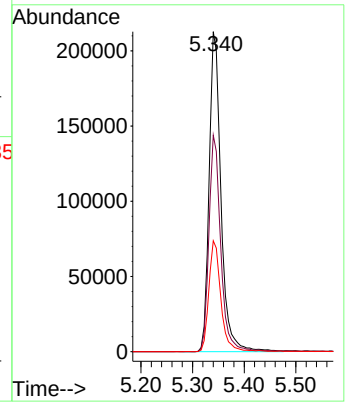


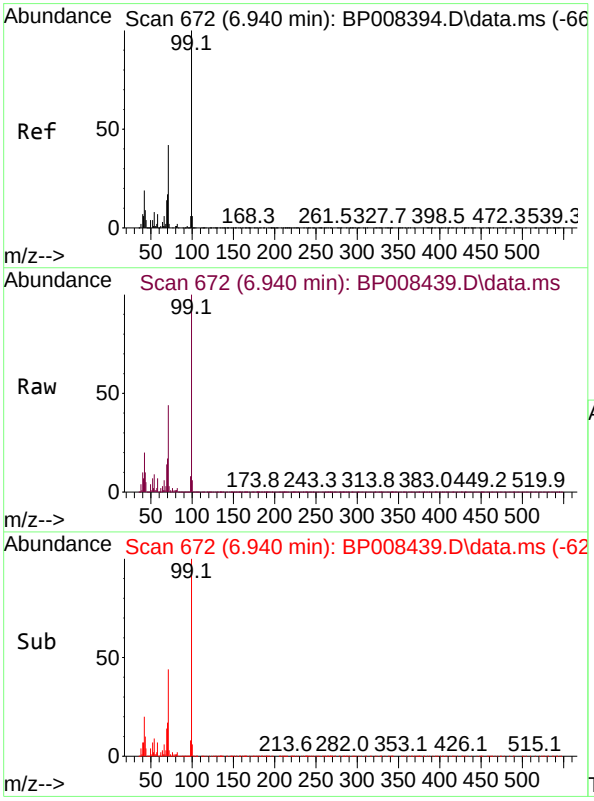

#5
2-Fluorophenol
Concen: 96.408 ng
RT: 5.340 min Scan# 4(
Delta R.T. -0.006 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion:112 Resp: 339166

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.7 | 53.4 | 80.2 |
| 63 | 34.7 | 27.8 | 41.8 |

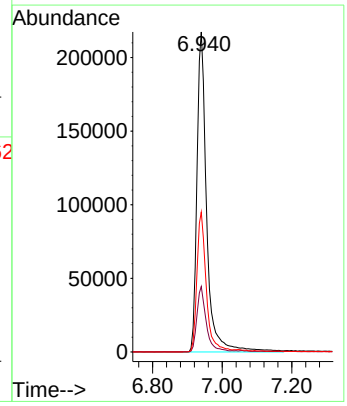


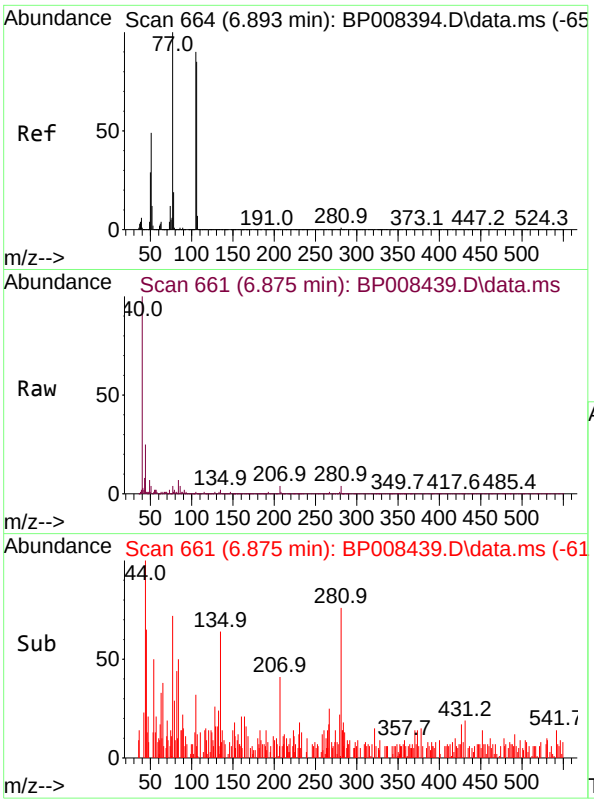




#7
Phenol-d6
Concen: 89.702 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

Tgt Ion: 99 Resp: 423834

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.5 | 14.6 | 22.0 |
| 71 | 43.7 | 31.1 | 46.7 |



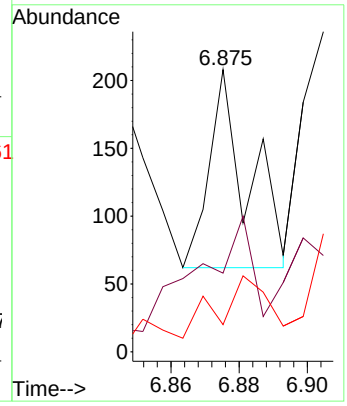


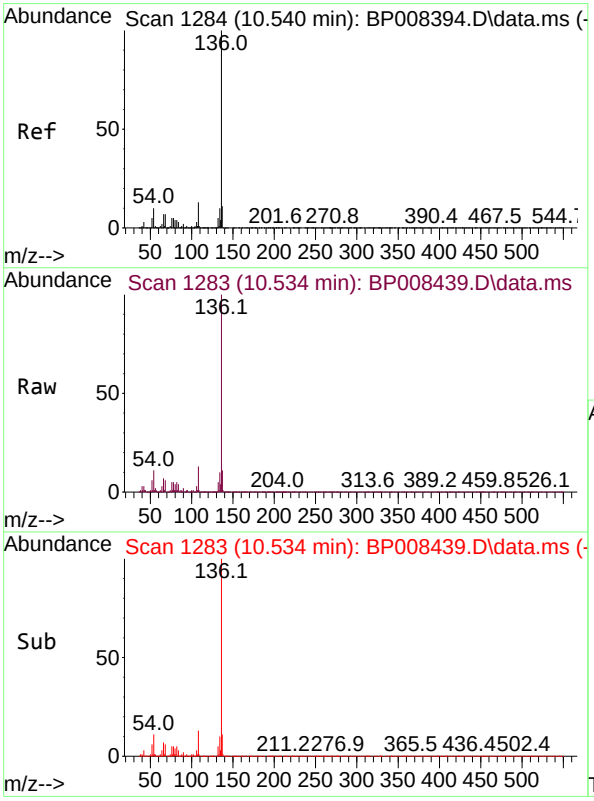

#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion: 77 Resp: 115

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 27.9 | 71.8 | 111.8# |
| 106 | 15.9 | 67.3 | 107.3# |

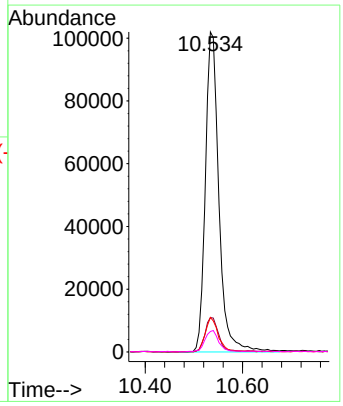


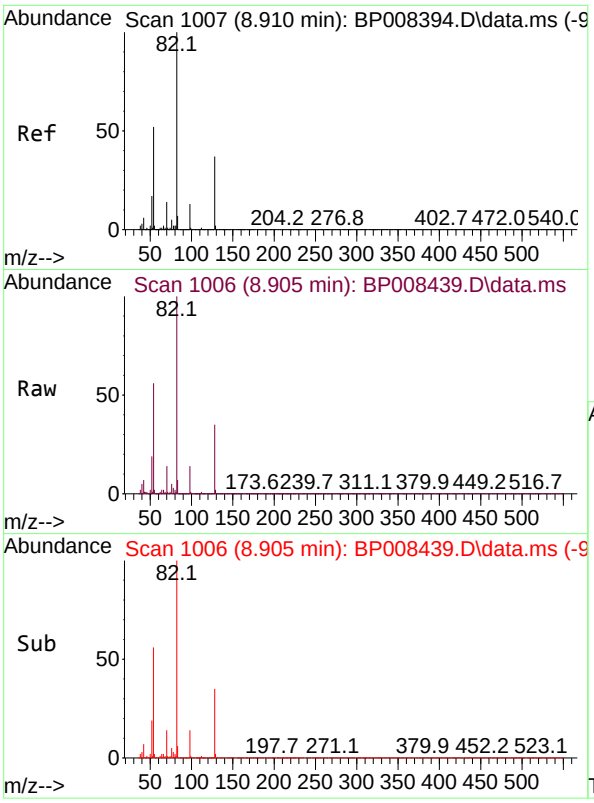




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

Tgt Ion:136 Resp: 195843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 9.0 | 13.6 |
| 54 | 10.8 | 8.2 | 12.4 |
| 68 | 6.4 | 5.8 | 8.8 |



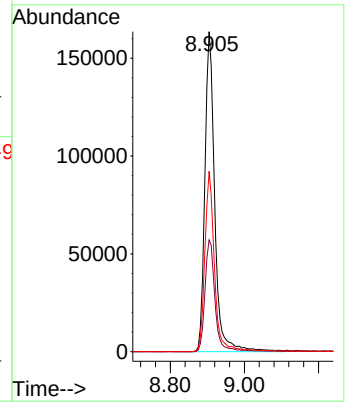


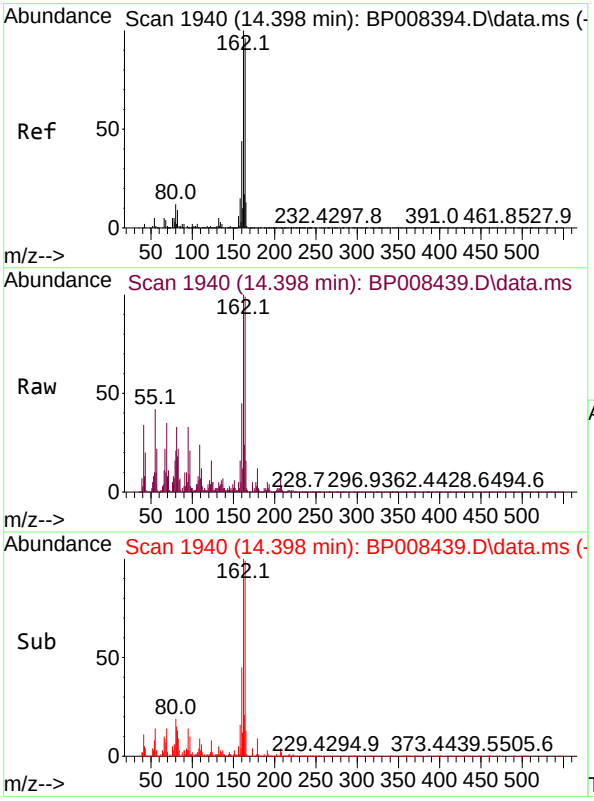

#23
Nitrobenzene-d5
Concen: 65.310 ng
RT: 8.905 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion: 82 Resp: 301912

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 34.9 | 29.6 | 44.4 |
| 54 | 56.3 | 42.7 | 64.1 |

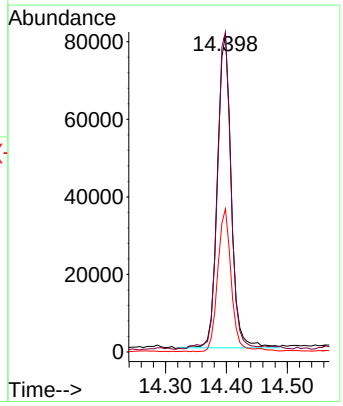


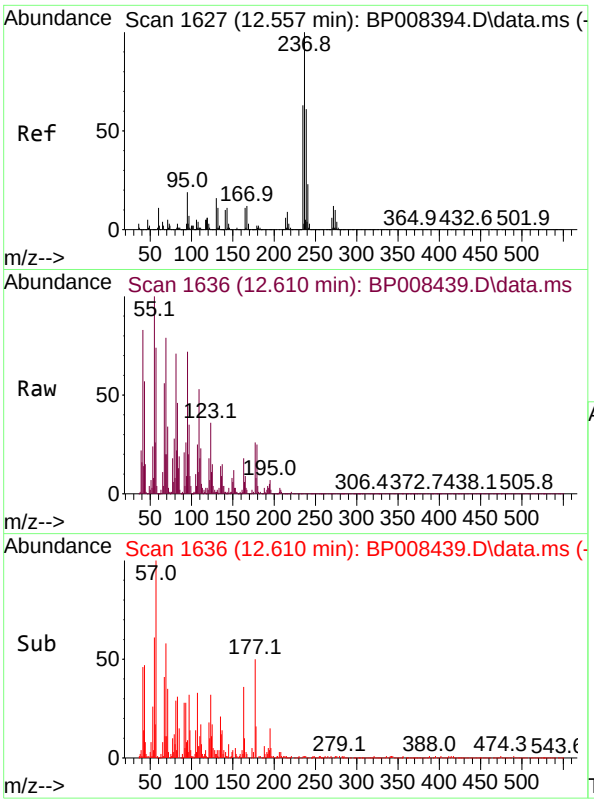




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

Tgt Ion:164 Resp: 127702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 81.9 | 122.9 |
| 160 | 45.2 | 35.4 | 53.0 |



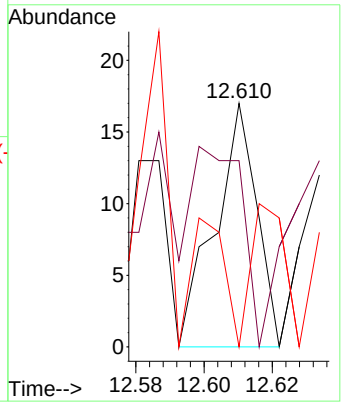


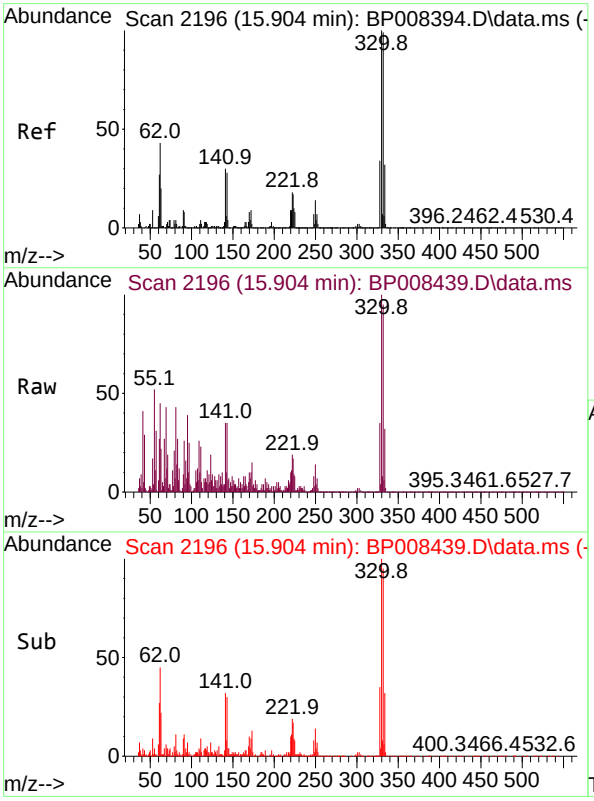

#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.610 min Scan# 1
Delta R.T. 0.053 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion:237 Resp: 14

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 76.5 | 42.3 | 82.3 |
| 272 | 0.0 | 0.0 | 32.2 |

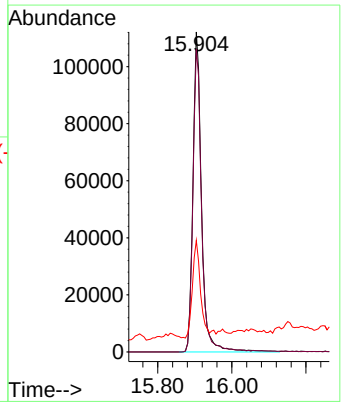


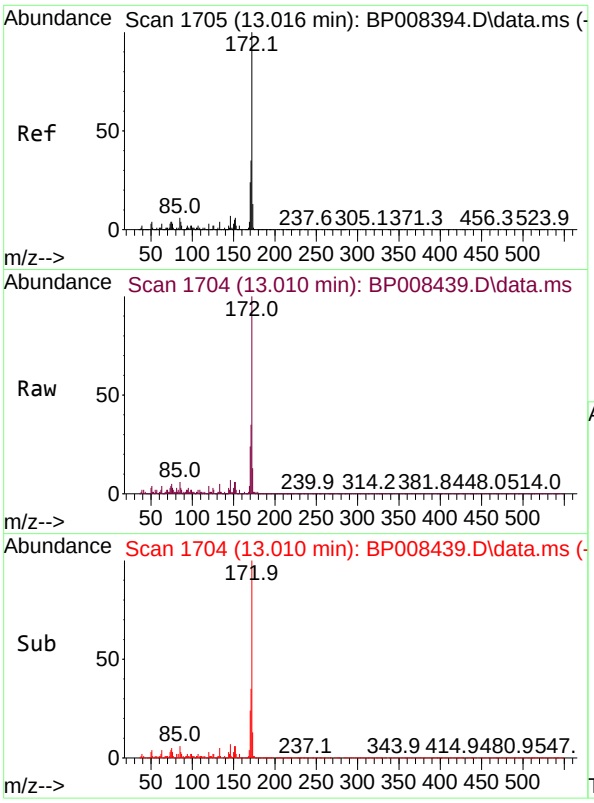




#42
2,4,6-Tribromophenol
Concen: 96.285 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

Tgt Ion:330 Resp: 180696

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 77.0 | 115.4 |
| 141 | 29.9 | 28.4 | 42.6 |



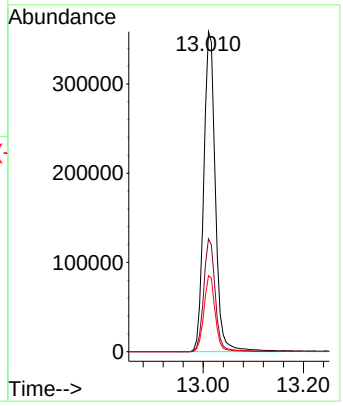


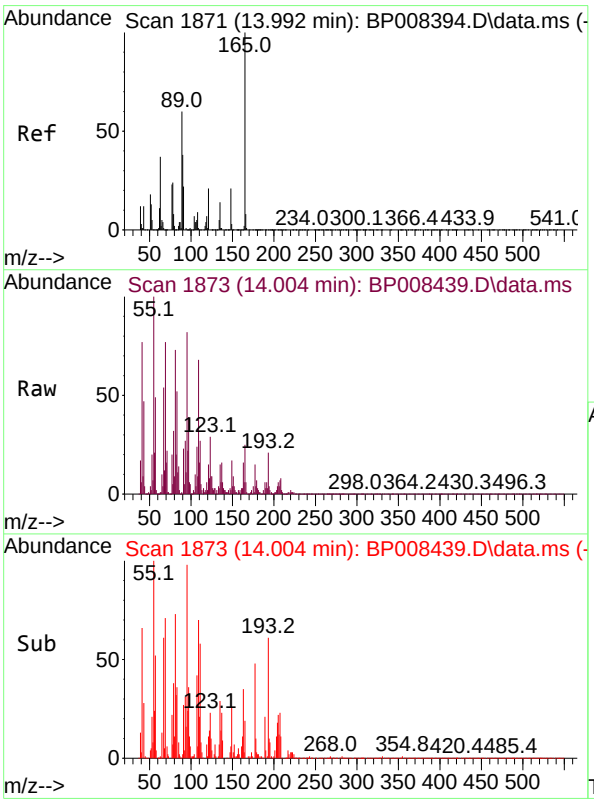

#45
2-Fluorobiphenyl
Concen: 57.477 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion:172 Resp: 577399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.0 | 42.0 |
| 170 | 23.7 | 18.9 | 28.3 |

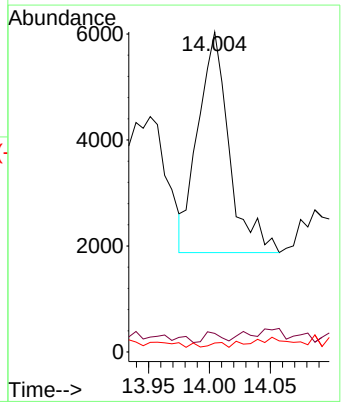


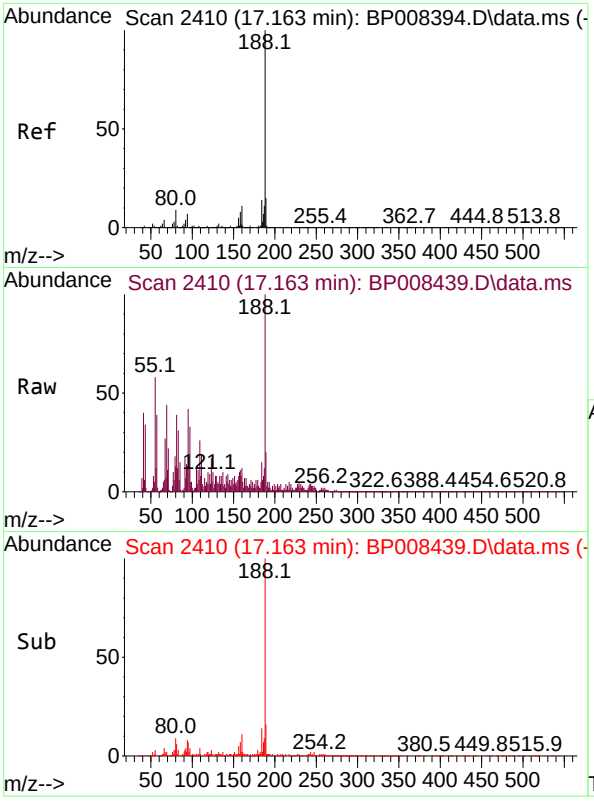




#51
2,6-Dinitrotoluene
Concen: 3.655 ng
RT: 14.004 min Scan# 1873
Delta R.T. 0.012 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

Tgt Ion:165 Resp: 7378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 5.8 | 50.8 | 76.2# |
| 89 | 2.8 | 50.0 | 75.0# |



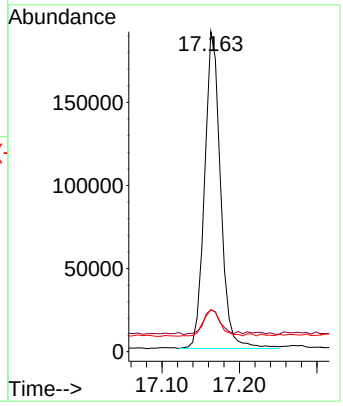


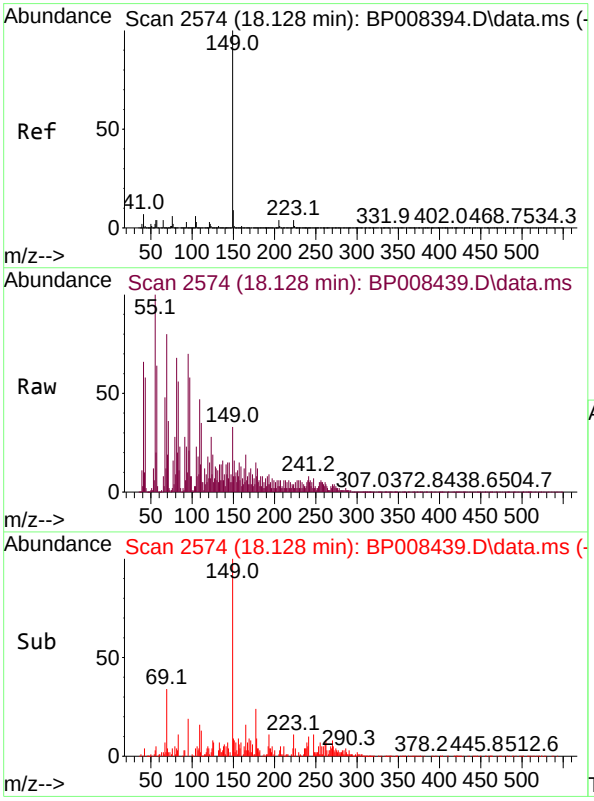

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion:188 Resp: 273360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 13.1 | 7.2 | 10.8# |
| 80 | 13.2 | 8.2 | 12.4# |

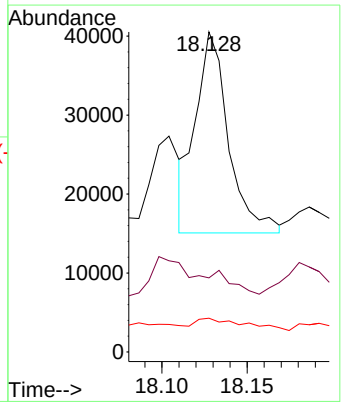


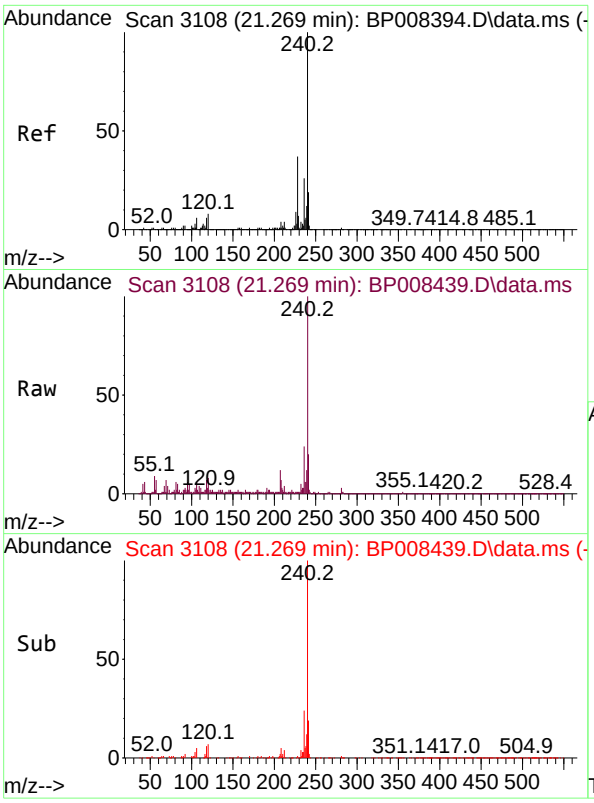




#74
Di-n-butylphthalate
Concen: 2.233 ng
RT: 18.128 min Scan# 2574
Delta R.T. 0.000 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

Tgt Ion:149 Resp: 34253

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 23.2 | 7.4 | 11.2# |
| 104 | 10.6 | 4.4 | 6.6# |



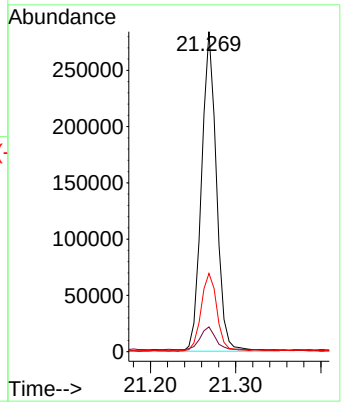


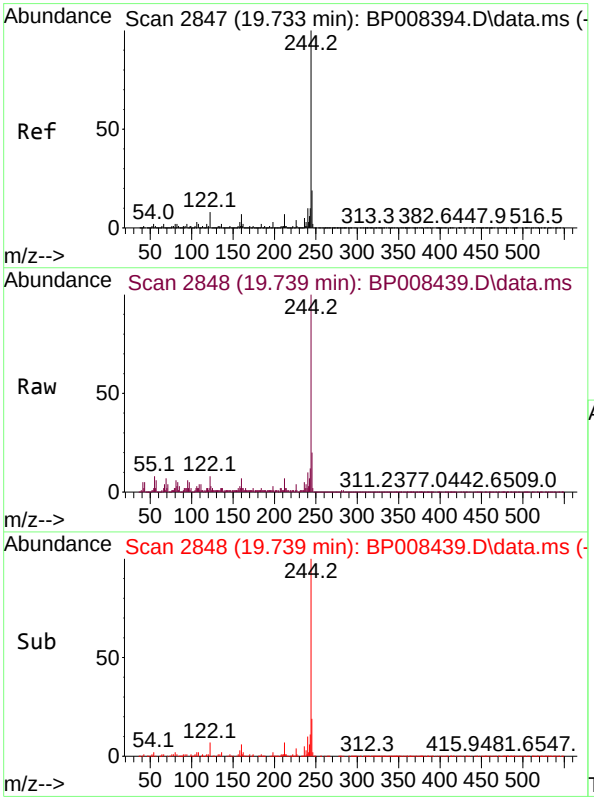

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion:240 Resp: 345664

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.7 | 7.3 | 10.9 |
| 236 | 24.4 | 21.4 | 32.2 |

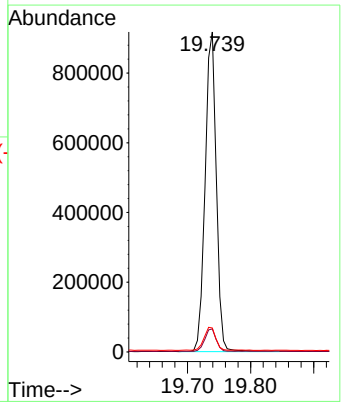


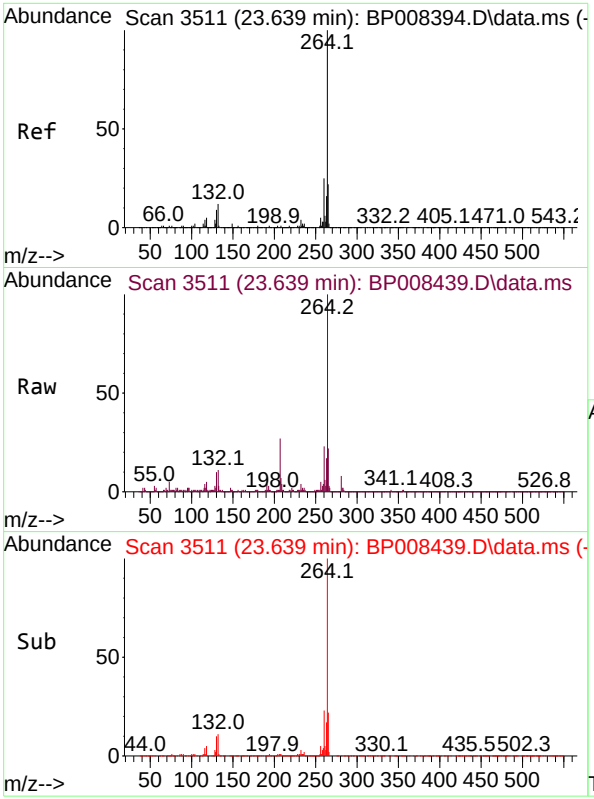




#79
Terphenyl-d14
Concen: 56.568 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

Tgt Ion:244 Resp: 1123508

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 6.0 | 9.0 |
| 122 | 7.5 | 6.6 | 9.8 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP008439.D
Acq: 16 Dec 2021 05:40

**Instrument :**
BNA_P
**ClientSampleId :**
TP15

Tgt Ion:264 Resp: 392560

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.0 | 19.4 | 29.2 |
| 265 | 21.8 | 17.6 | 26.4 |