Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
Data File : BP009196.D
Acq On : 17 Feb 2022 15:36
Operator : CG/JU
Sample : N1575-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Quant Time: Feb 18 01:51:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.775 | 152 | 233342 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.575 | 136 | 888270 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.422 | 164 | 641399 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.181 | 188 | 1377636 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.280 | 240 | 1103980 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.674 | 264 | 932668 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.375 | 112 | 1026189 | 78.448 | ng | 0.00 |
| 7) Phenol-d6 | 6.975 | 99 | 854320 | 49.564 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.940 | 82 | 1534727 | 97.435 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.922 | 330 | 1425622 | 166.470 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.040 | 172 | 4304088 | 93.939 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.745 | 244 | 6122818 | 99.738 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 60) Diethylphthalate | 15.245 | 149 | 88628 | 2.050 | ng | 98 |

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

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Sample : N1575-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Quant Time: Feb 18 01:51:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
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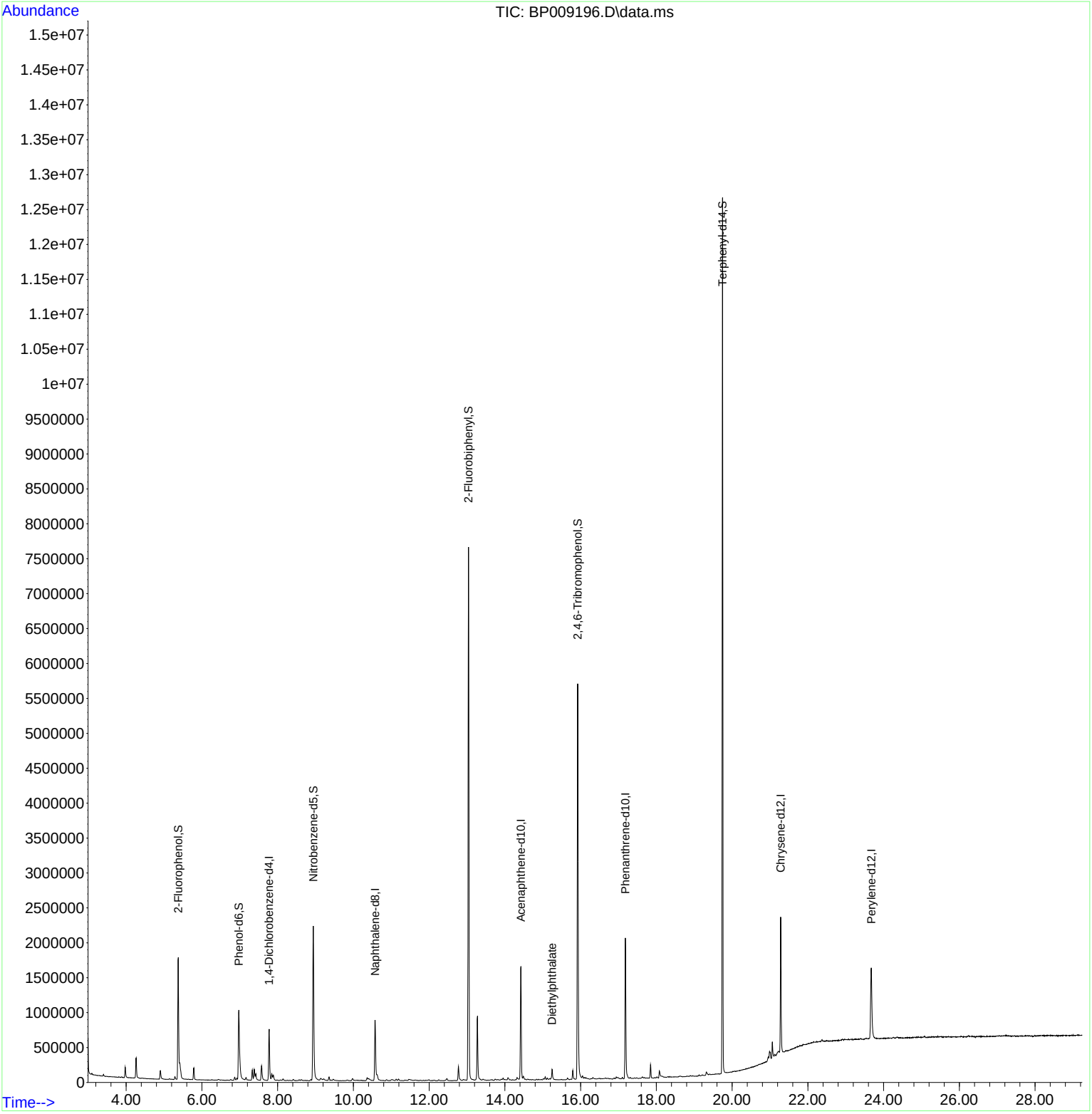
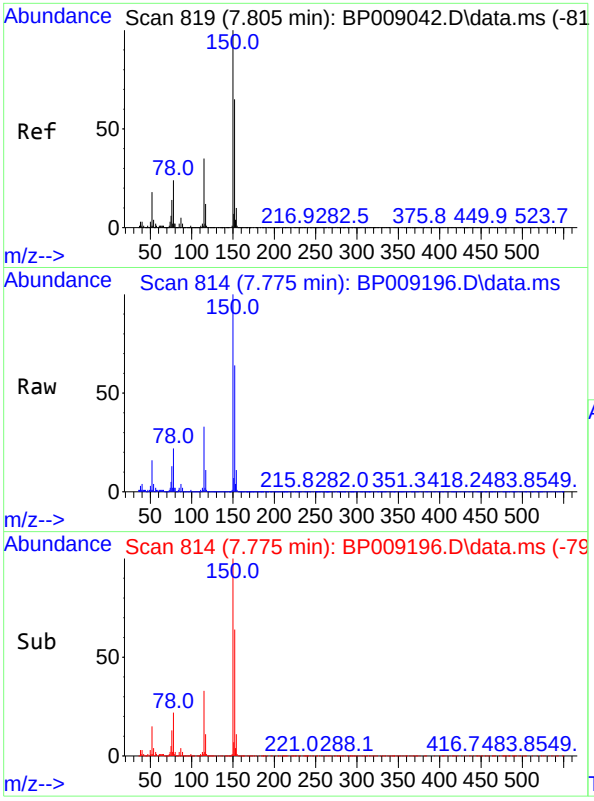


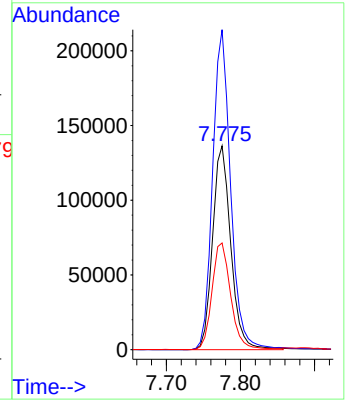


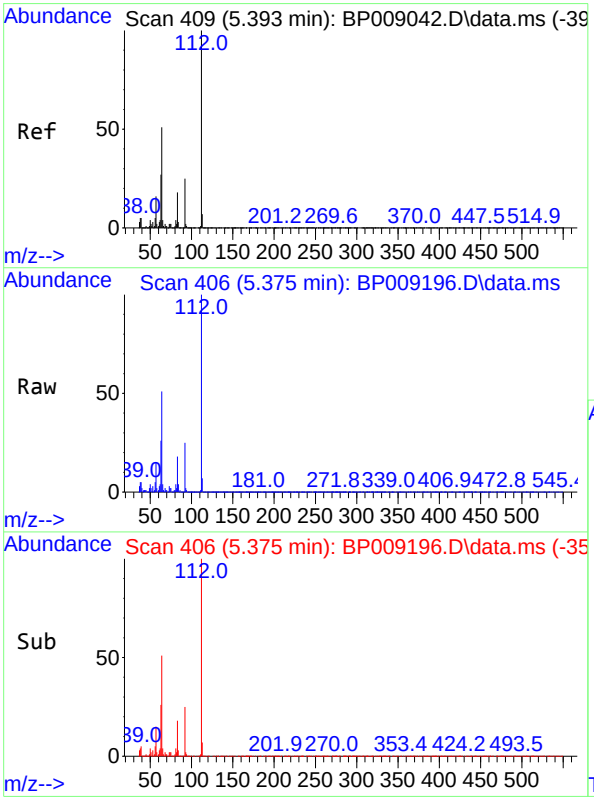

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Tgt Ion:152 Resp: 233342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.9 | 127.0 | 190.6 |
| 115 | 52.3 | 43.7 | 65.5 |

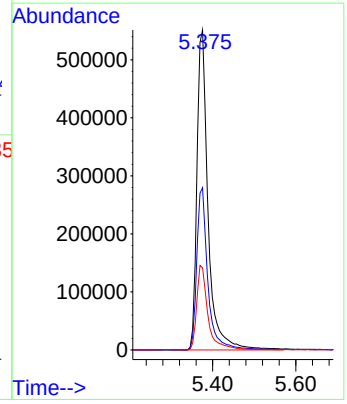


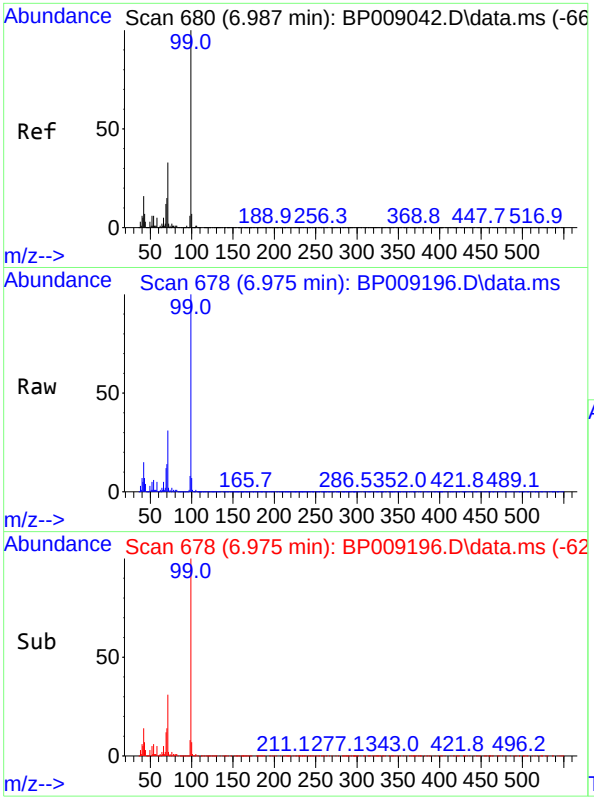




#5
2-Fluorophenol
Concen: 78.448 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:112 Resp: 1026189

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 50.7 | 39.7 | 59.5 |
| 63 | 25.7 | 20.0 | 30.0 |



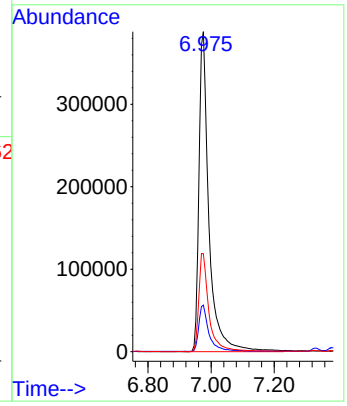


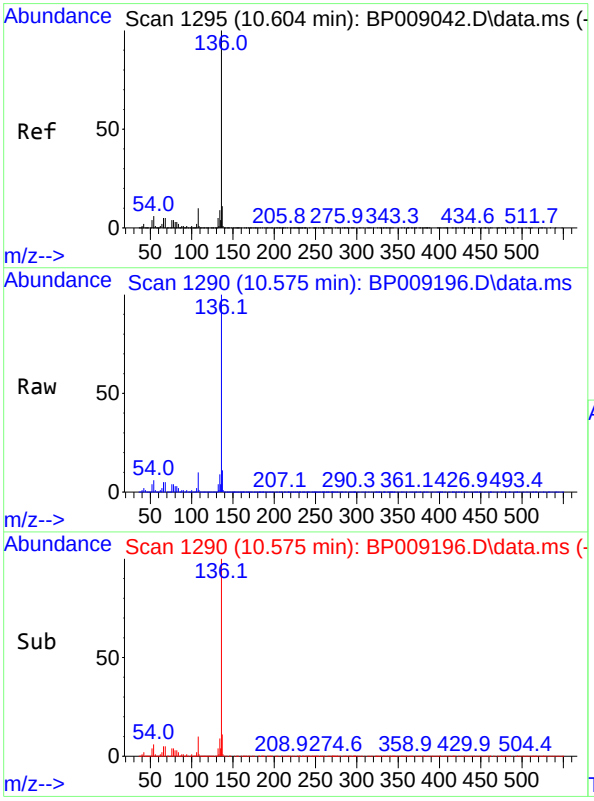

#7
Phenol-d6
Concen: 49.564 ng
RT: 6.975 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Tgt Ion: 99 Resp: 854320

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 14.5 | 10.8 | 16.2 |
| 71 | 30.7 | 23.8 | 35.6 |

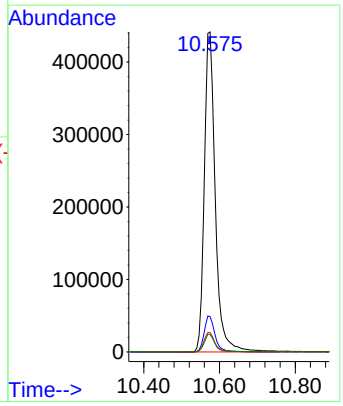


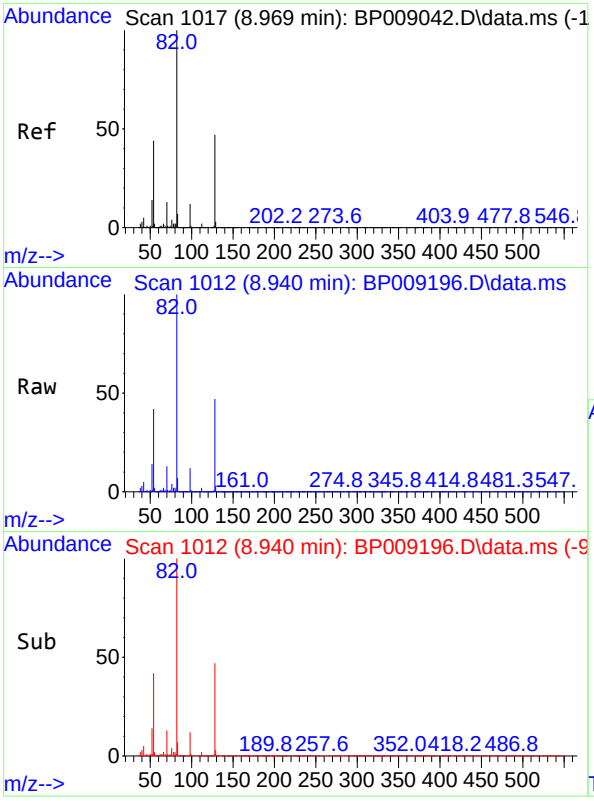




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:136 Resp: 888270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.0 | 13.4 |
| 54 | 6.1 | 4.9 | 7.3 |
| 68 | 5.4 | 4.3 | 6.5 |



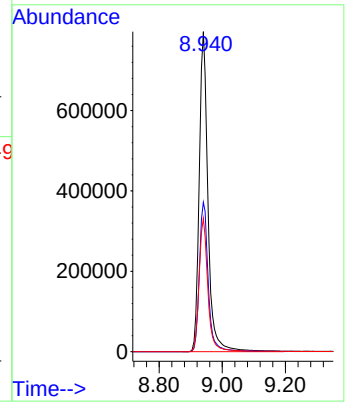


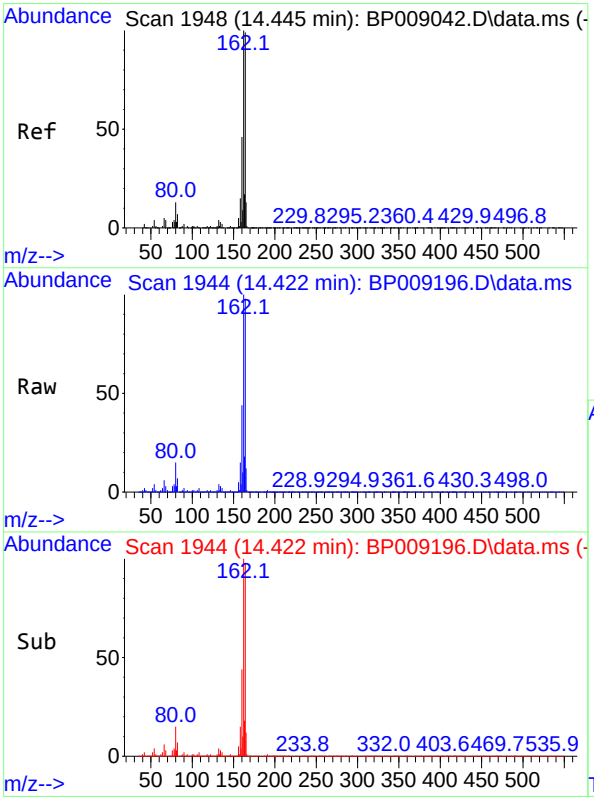

#23
Nitrobenzene-d5
Concen: 97.435 ng
RT: 8.940 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Tgt Ion: 82 Resp: 1534727

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.7 | 39.4 | 59.2 |
| 54 | 41.7 | 32.6 | 48.8 |

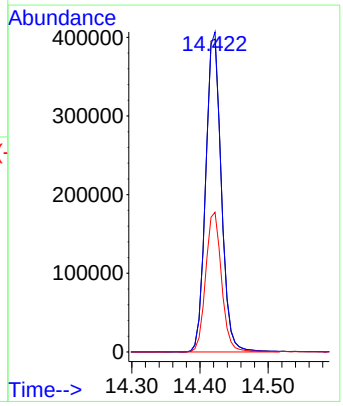


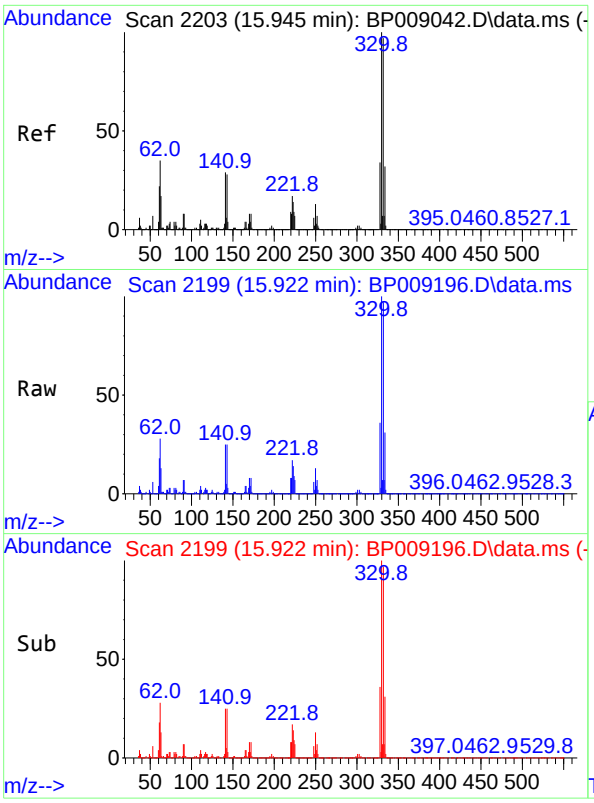




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.422 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:164 Resp: 641399

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.3 | 79.9 | 119.9 |
| 160 | 44.7 | 35.5 | 53.3 |



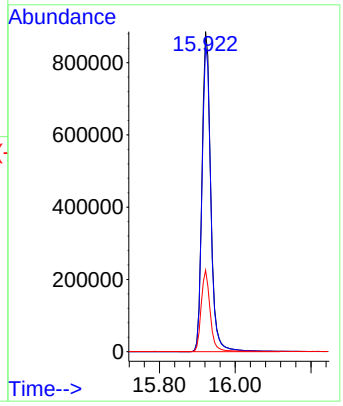


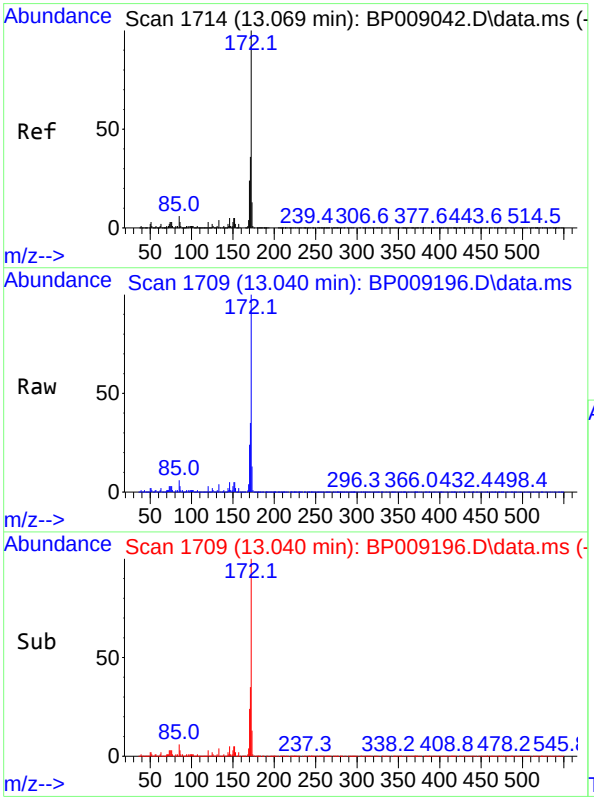

#42
2,4,6-Tribromophenol
Concen: 166.470 ng
RT: 15.922 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Tgt Ion:330 Resp: 1425622

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 77.0 | 115.4 |
| 141 | 25.9 | 21.3 | 31.9 |

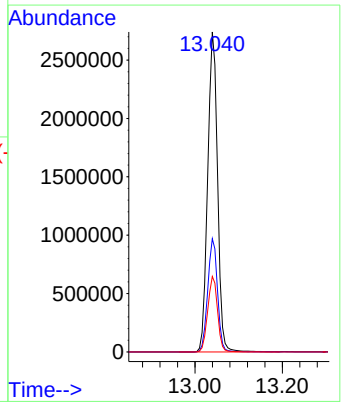


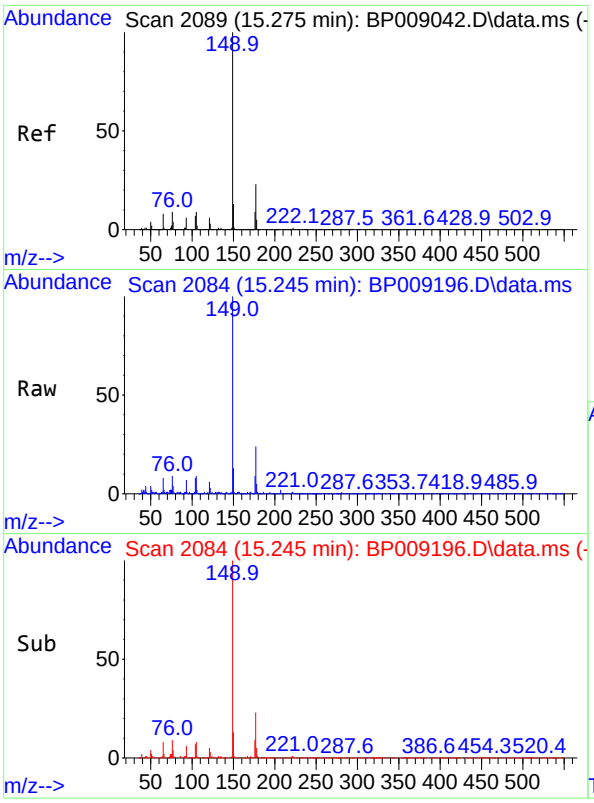




#45
2-Fluorobiphenyl
Concen: 93.939 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:172 Resp: 4304088

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 29.3 | 43.9 |
| 170 | 23.6 | 19.5 | 29.3 |



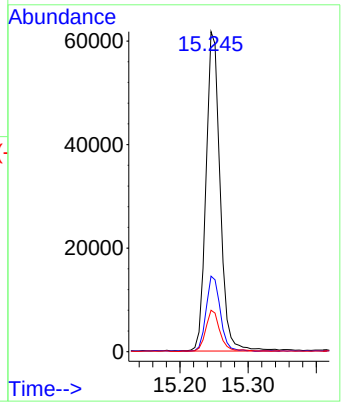


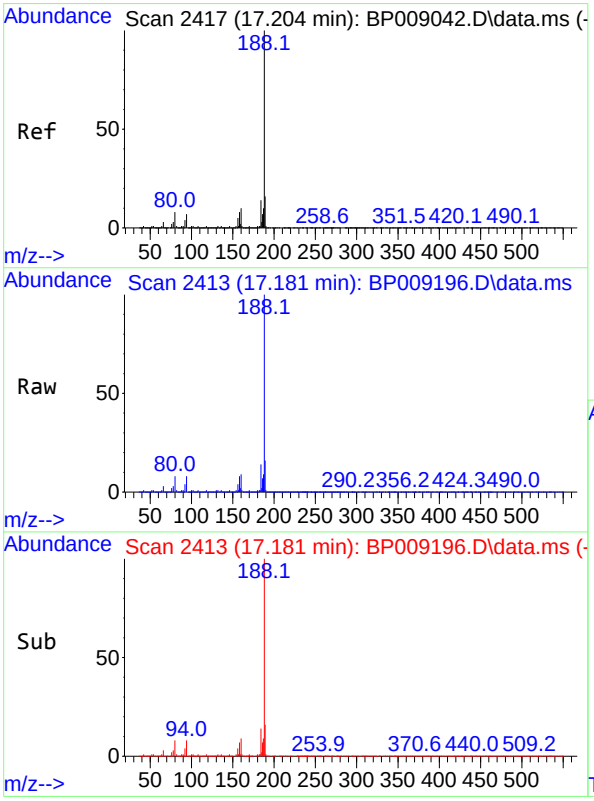

#60
Diethylphthalate
Concen: 2.050 ng
RT: 15.245 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Tgt Ion:149 Resp: 88628

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 177 | 23.6 | 19.9 | 29.9 |
| 150 | 12.9 | 10.3 | 15.5 |

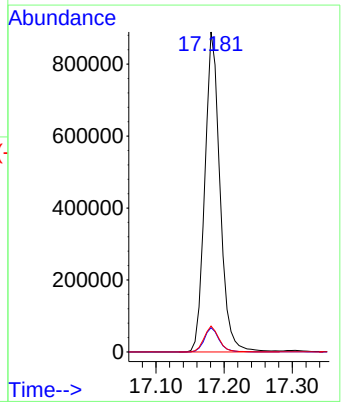


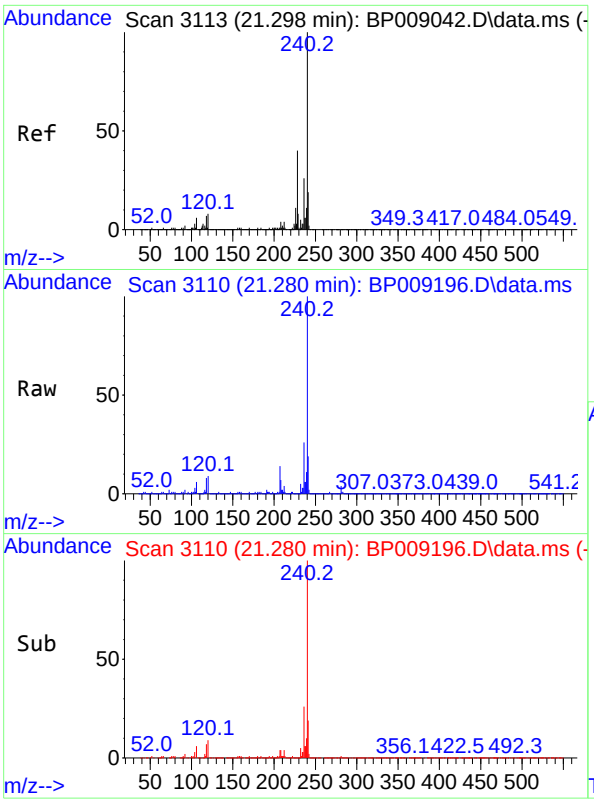




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:188 Resp: 1377636

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.6 | 6.8 | 10.2 |
| 80 | 8.1 | 7.2 | 10.8 |



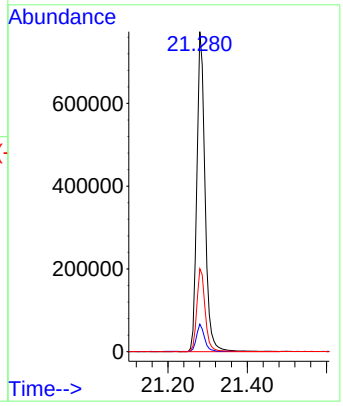


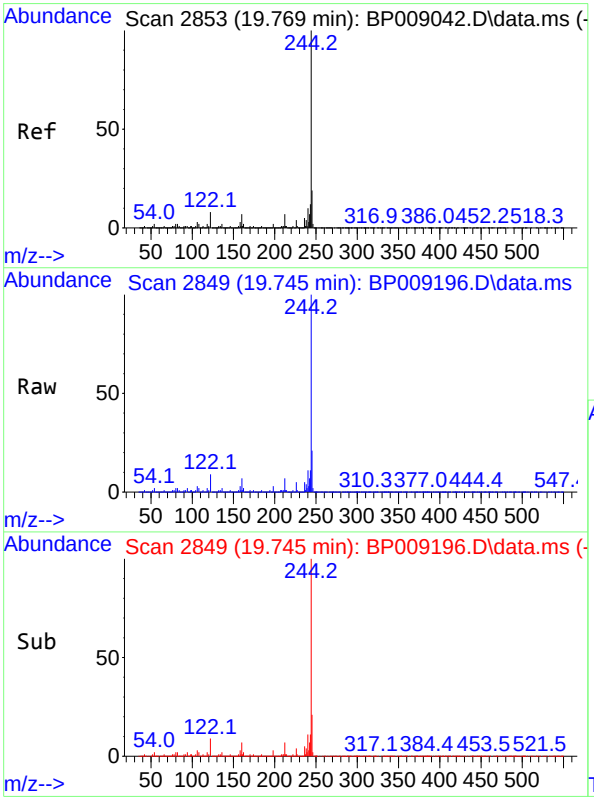

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Tgt Ion:240 Resp: 1103980

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.6 | 7.7 | 11.5 |
| 236 | 25.9 | 21.2 | 31.8 |

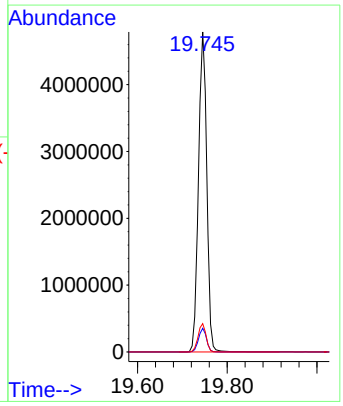


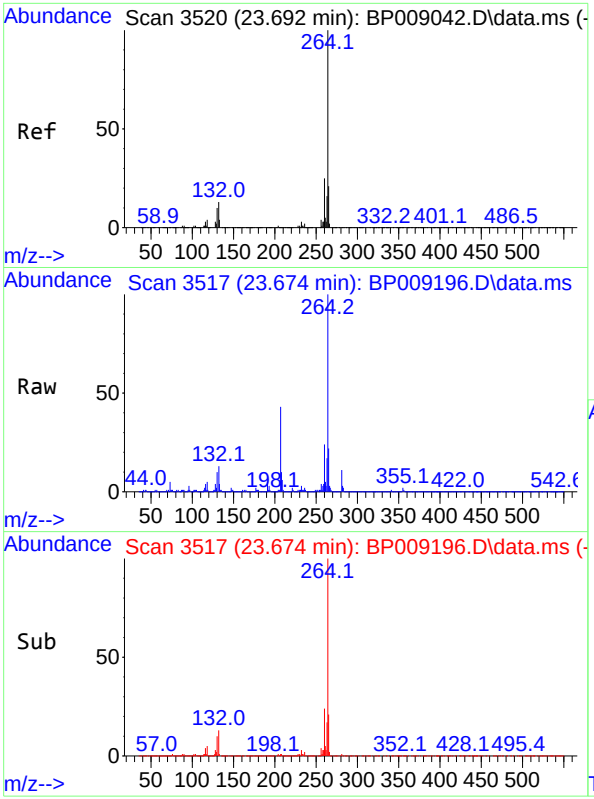




#79
Terphenyl-d14
Concen: 99.738 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

Tgt Ion:244 Resp: 6122818

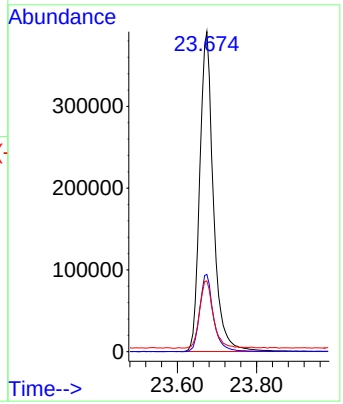
| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.5 | 9.7 |
| 122 | 8.9 | 9.2 | 13.8# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 23.674 min Scan# 3
Delta R.T. 0.000 min
Lab File: BP009196.D
Acq: 17 Feb 2022 15:36

**Instrument :**
BNA_P
**ClientSampleId :**
COP-2R

Tgt Ion:264 Resp: 932668

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.1 | 28.7 |
| 265 | 22.1 | 17.1 | 25.7 |