Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101620\
Data File : BF122013.D
Acq On : 16 Oct 2020 16:13
Operator : JU/CG
Sample : L4219-09 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** CL-02-101520

Quant Time: Oct 16 16:47:48 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.739 | 152 | 115085 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.028 | 136 | 452394 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.775 | 164 | 219342 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.263 | 188 | 364952 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 13.904 | 240 | 249619 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.339 | 264 | 255137 | 20.00 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.363 | 112 | 117924 | 15.12 | ng | 0.00 |
| 7) Phenol-d6 | 6.392 | 99 | 153395 | 15.28 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.310 | 82 | 99517 | 11.28 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.575 | 330 | 23639 | 8.71 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.098 | 172 | 208499 | 13.99 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.845 | 244 | 154222 | 11.77 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 50) Dimethylphthalate | 9.498 | 163 | 38132 | 2.38 | ng | 99 |

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

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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 12:55:05 2020
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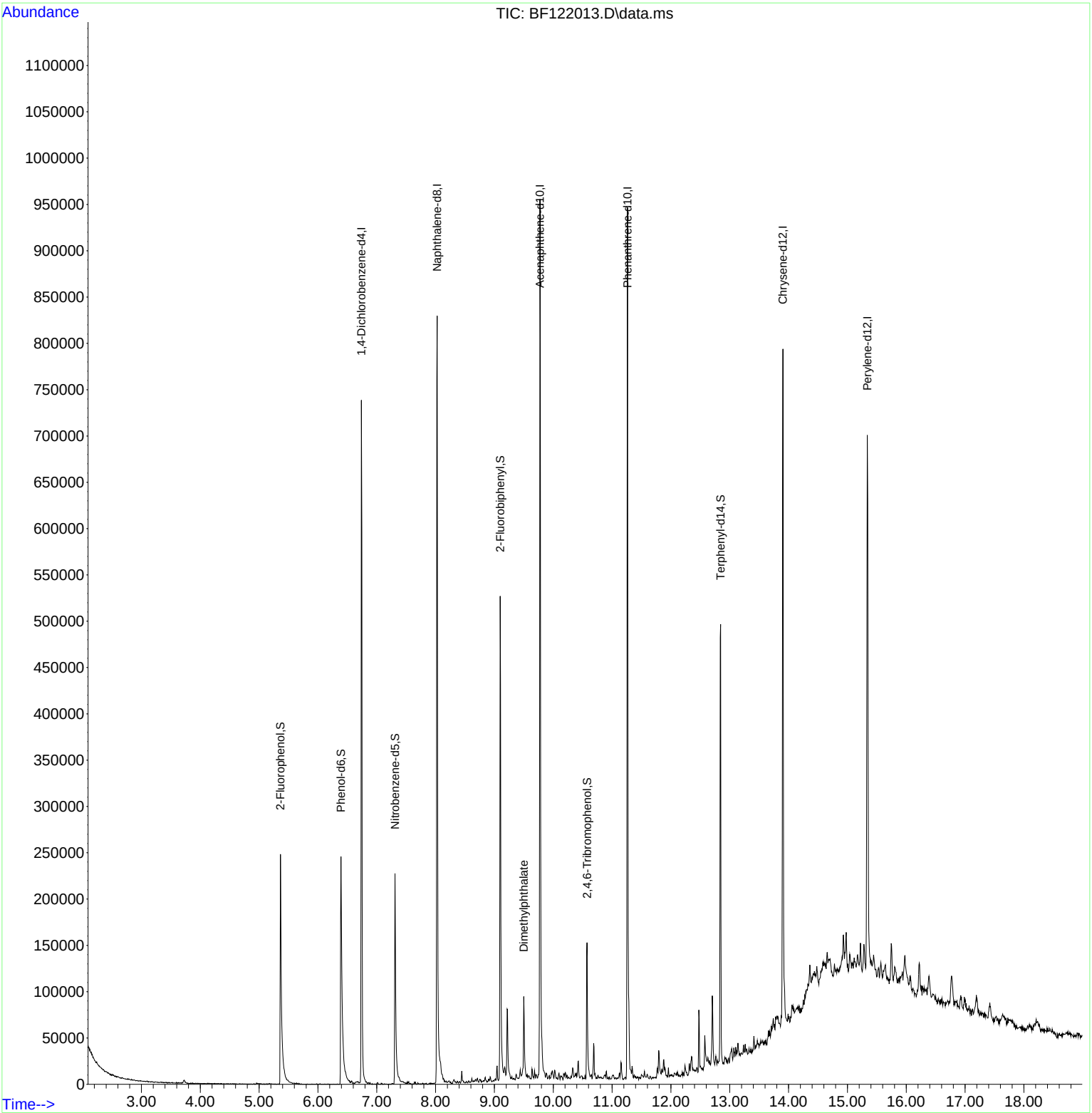
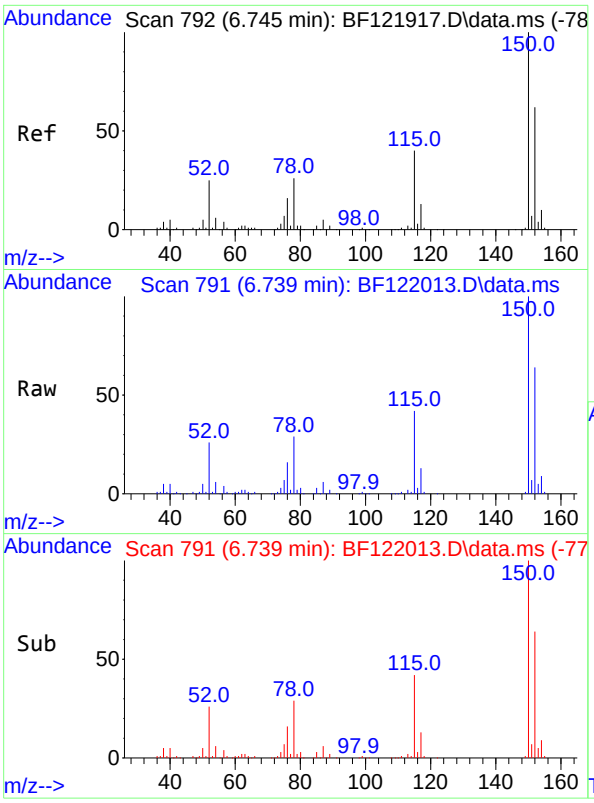
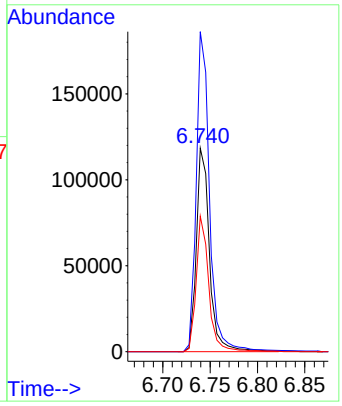





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:152 Resp: 115085

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.3 | 125.3 | 187.9 |
| 115 | 66.6 | 51.9 | 77.9 |




**Instrument :**
BNA_F
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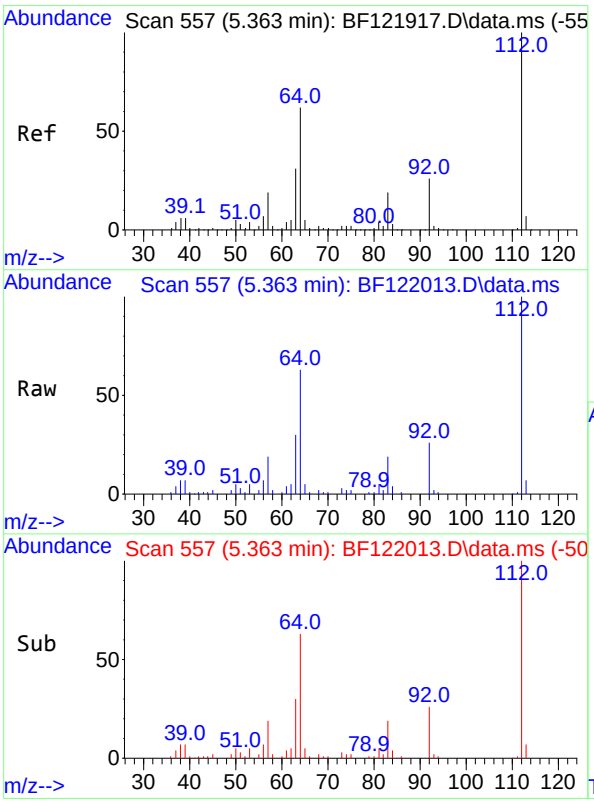
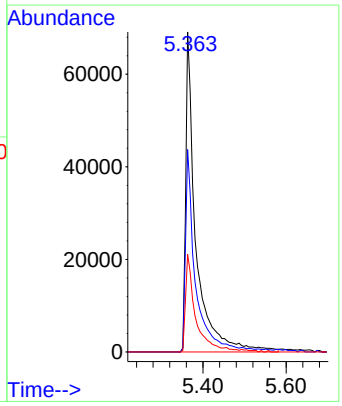
CL-02-101520



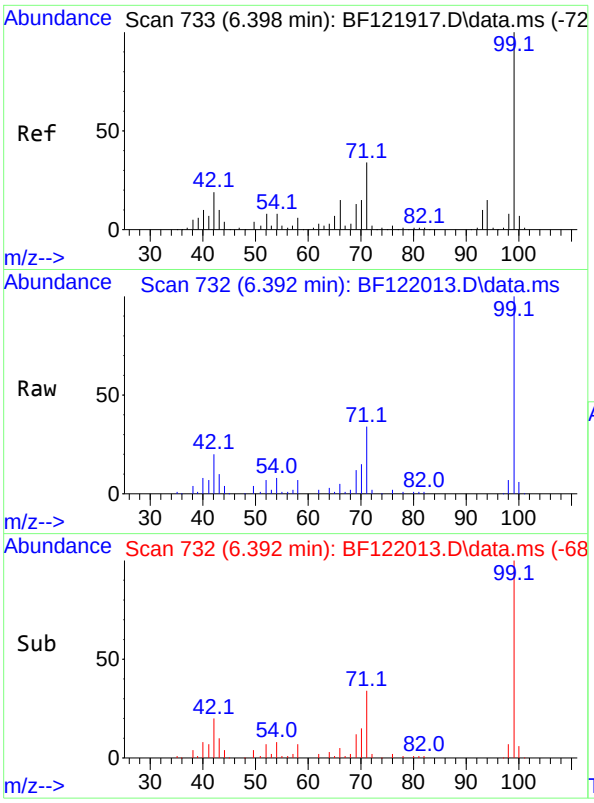

#5
2-Fluorophenol
Concen: 15.12 ng
RT: 5.363 min Scan# 557
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:112 Resp: 117924

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.3 | 50.4 | 75.6 |
| 63 | 30.5 | 25.8 | 38.6 |



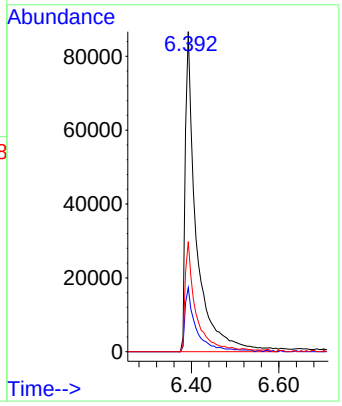
**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-101520

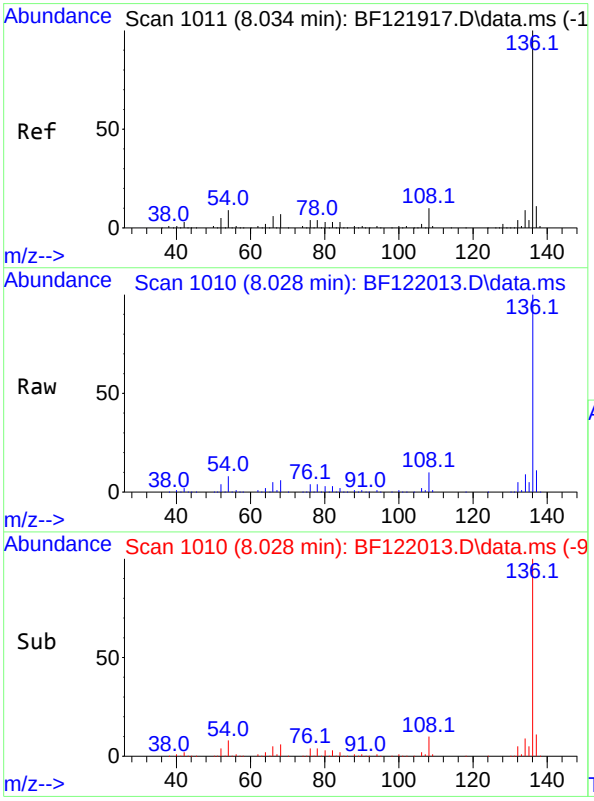



#7
Phenol-d6
Concen: 15.28 ng
RT: 6.392 min Scan# 732
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion: 99 Resp: 153395

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.0 | 15.9 | 23.9 |
| 71 | 34.4 | 27.1 | 40.7 |

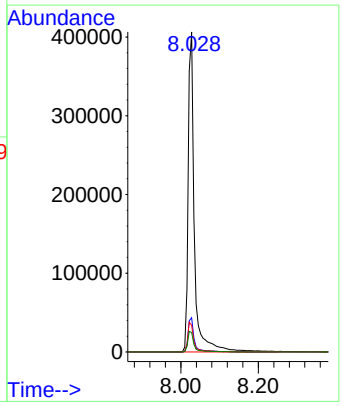


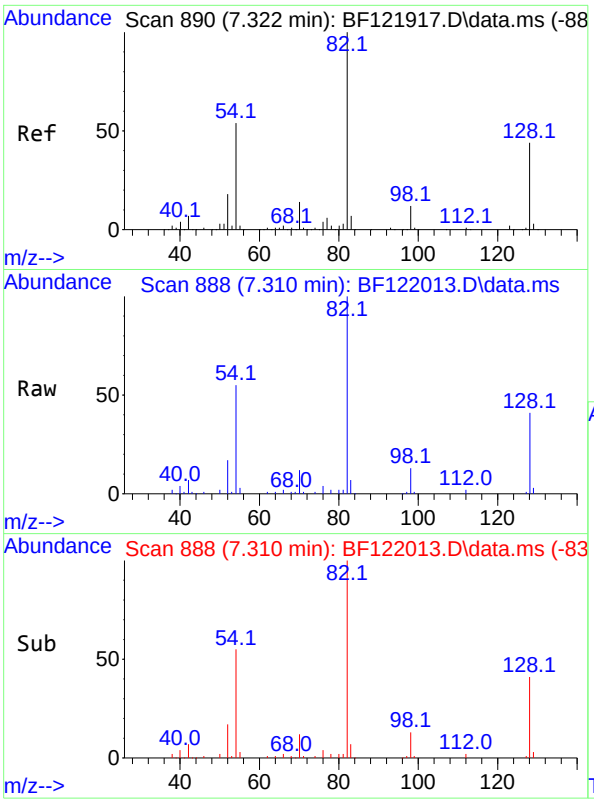




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:136 Resp: 452394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.7 | 8.6 | 13.0 |
| 54 | 8.3 | 7.1 | 10.7 |
| 68 | 6.1 | 5.0 | 7.4 |

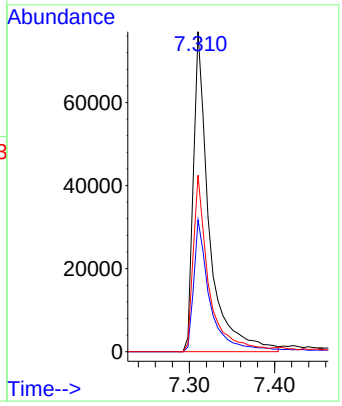




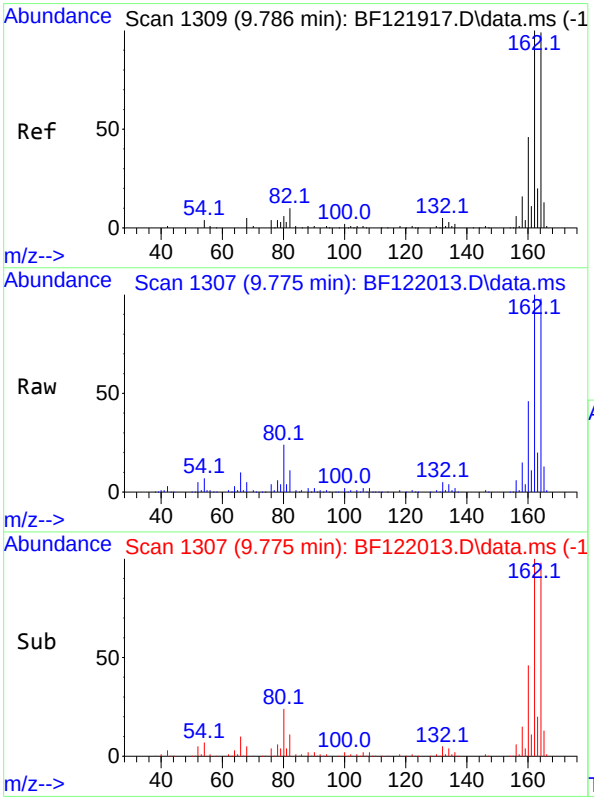

#23
Nitrobenzene-d5
Concen: 11.28 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion: 82 Resp: 99517

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 41.1 | 35.0 | 52.4 |
| 54 | 55.1 | 43.9 | 65.9 |



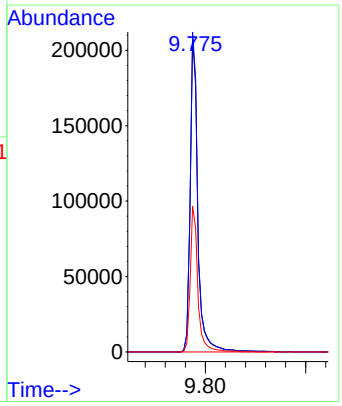

**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-101520



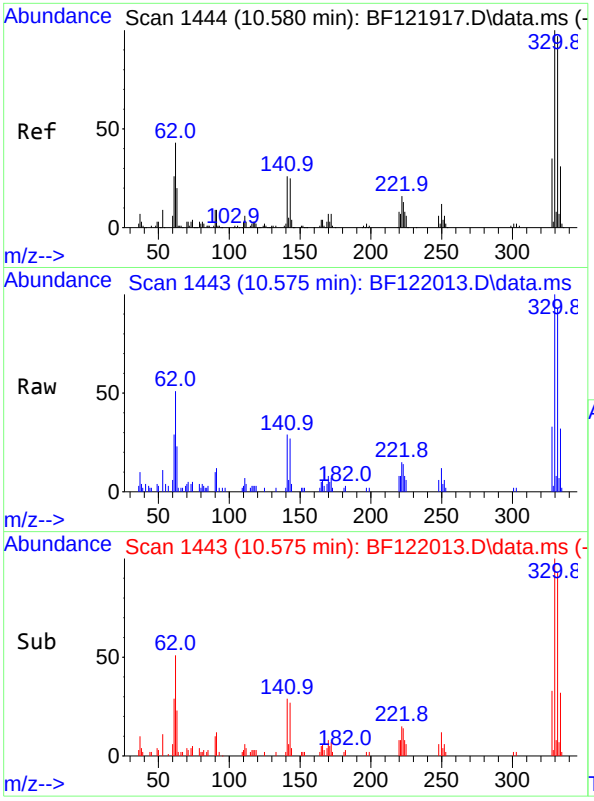

#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:164 Resp: 219342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.8 | 83.2 | 124.8 |
| 160 | 46.4 | 37.5 | 56.3 |



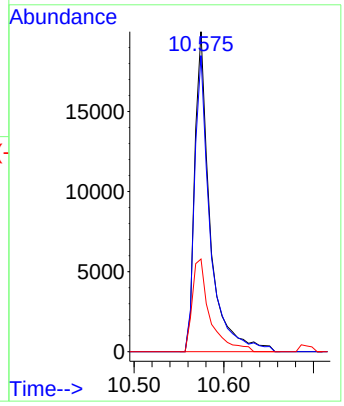
**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-101520

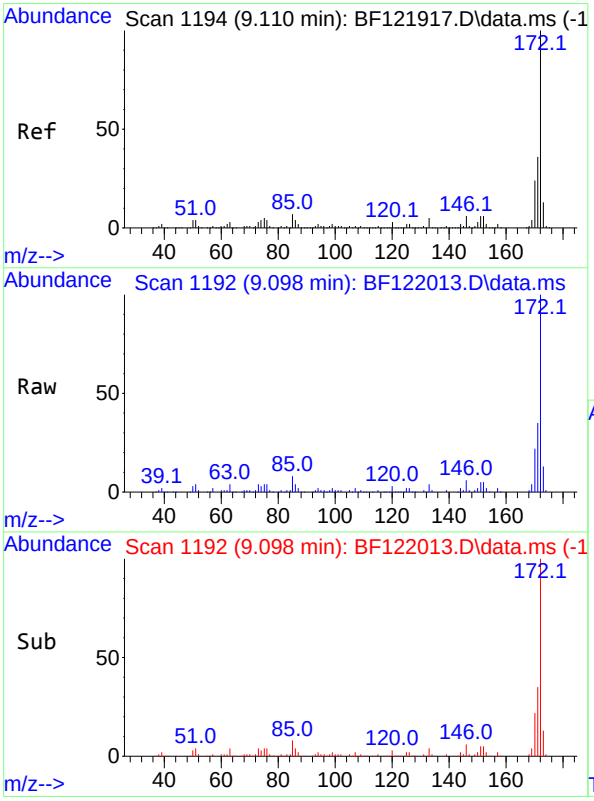



#42
2,4,6-Tribromophenol
Concen: 8.71 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:330 Resp: 23639

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.6 | 77.3 | 115.9 |
| 141 | 33.3 | 22.3 | 33.5 |

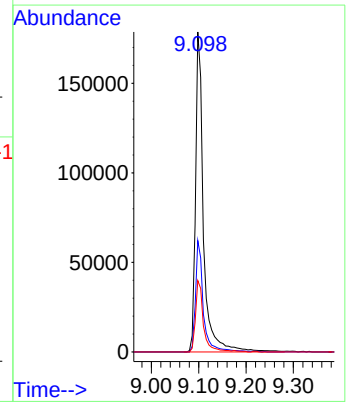


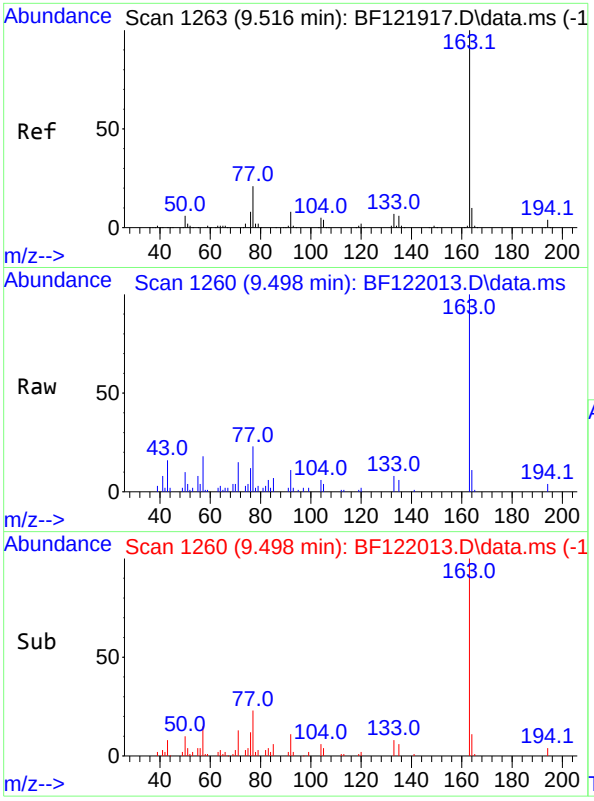

#45
2-Fluorobiphenyl
Concen: 13.99 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:172 Resp: 208499

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.8 | 29.1 | 43.7 |
| 170 | 22.3 | 19.8 | 29.6 |



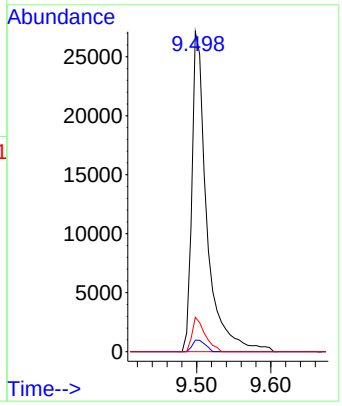
**Instrument :**
BNA_F
**ClientSampleId :**
CL-02-101520

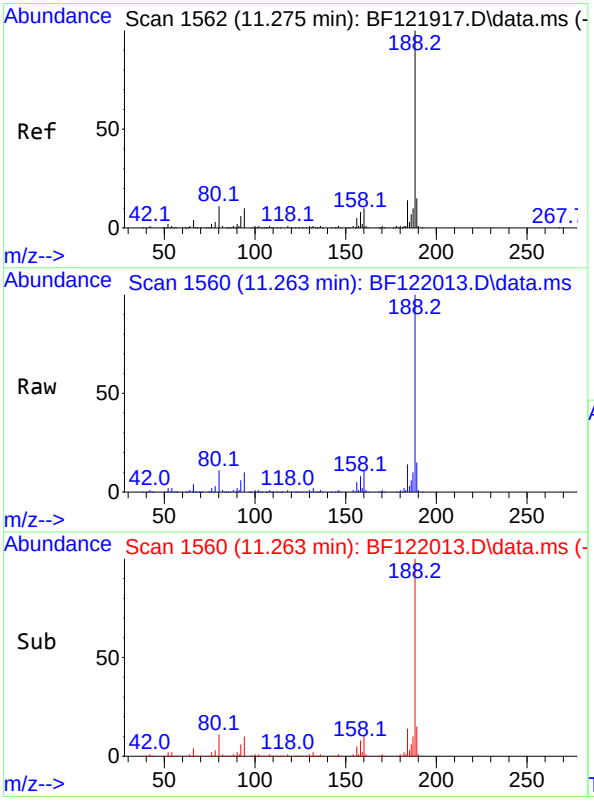



#50
Dimethylphthalate
Concen: 2.38 ng
RT: 9.498 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:163 Resp: 38132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.6 | 3.3 | 4.9 |
| 164 | 10.7 | 8.2 | 12.4 |

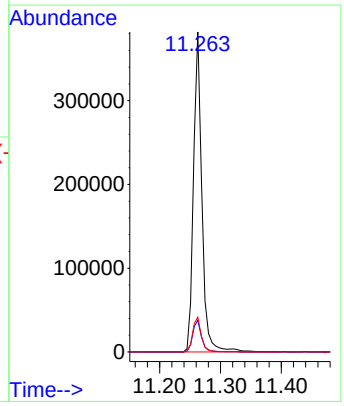



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.263 min Scan# 1560
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:188 Resp: 364952

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.0 | 8.3 | 12.5 |
| 80 | 10.9 | 9.1 | 13.7 |



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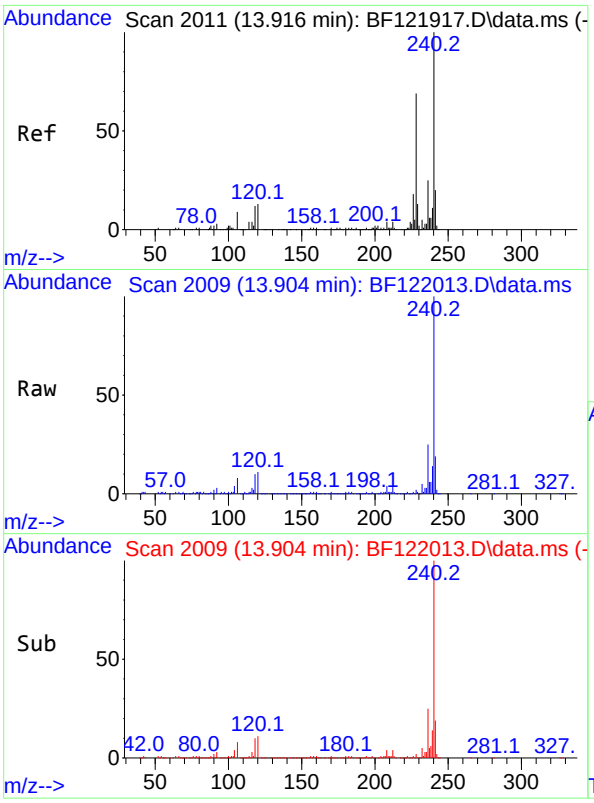
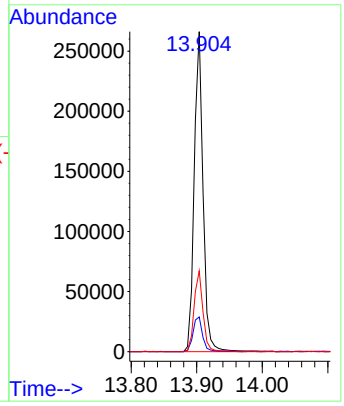
CL-02-101520

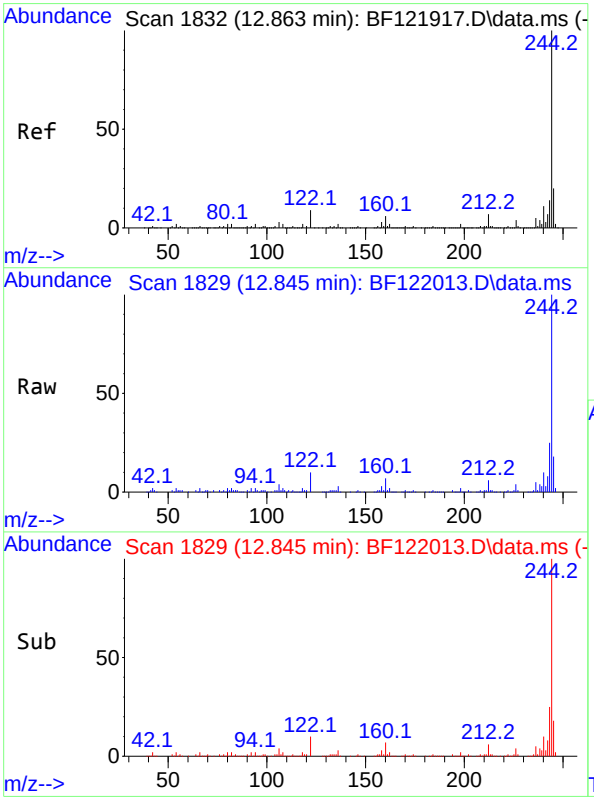



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.904 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:240 Resp: 249619

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.8 | 9.2 | 13.8 |
| 236 | 25.3 | 20.9 | 31.3 |

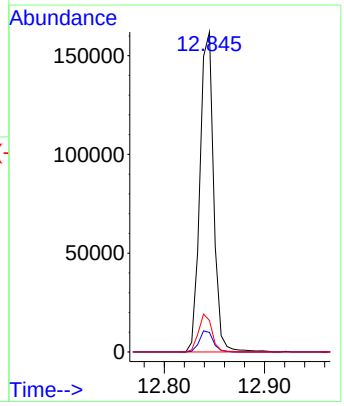


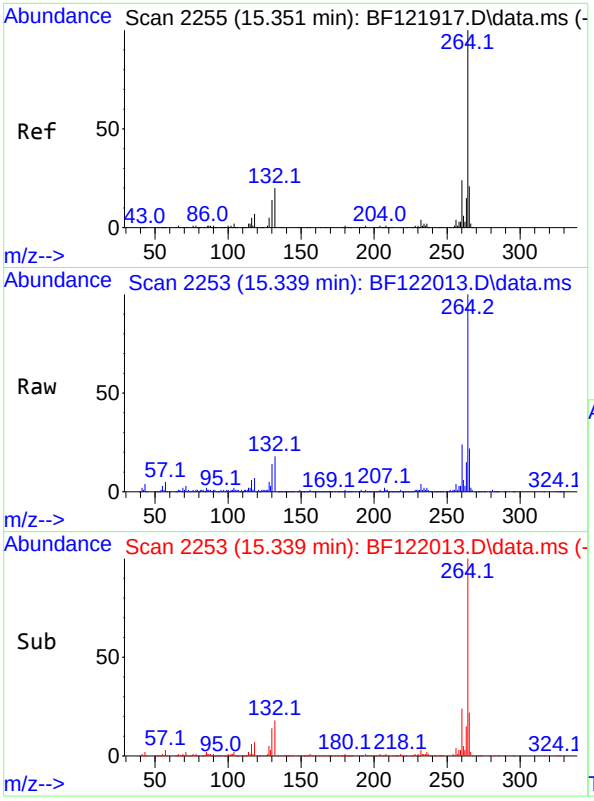




#79
Terphenyl-d14
Concen: 11.77 ng
RT: 12.845 min Scan# 1829
Delta R.T. -0.006 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:244 Resp: 154222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.1 | 5.4 | 8.2 |
| 122 | 9.9 | 8.1 | 12.1 |

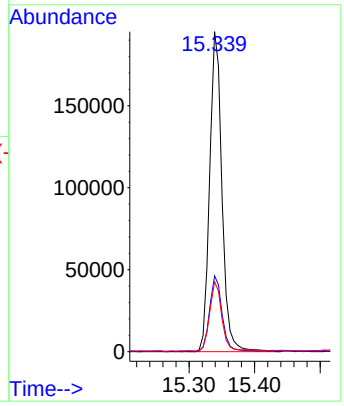





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.339 min Scan# 2253
Delta R.T. 0.000 min
Lab File: BF122013.D
Acq: 16 Oct 2020 16:13

Tgt Ion:264 Resp: 255137

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.7 | 28.1 |
| 265 | 21.8 | 17.3 | 25.9 |

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CL-02-101520