Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122503.D
Acq On : 30 Nov 2020 12:19
Operator : JU/CG
Sample : PB133297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB133297BL

Quant Time: Nov 30 12:55:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.857 | 152 | 260358 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.139 | 136 | 1013170 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.898 | 164 | 547216 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.386 | 188 | 1041393 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.027 | 240 | 932334 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.498 | 264 | 858929 | 20.00 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.498 | 112 | 1926042 | 113.59 | ng | 0.02 |
| 7) Phenol-d6 | 6.492 | 99 | 2453261 | 110.60 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.422 | 82 | 1560182 | 94.27 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.692 | 330 | 788193 | 134.20 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.222 | 172 | 2715356 | 77.53 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.980 | 244 | 3168160 | 71.99 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113020\
Data File : BF122503.D
Acq On : 30 Nov 2020 12:19
Operator : JU/CG
Sample : PB133297BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB133297BL

Quant Time: Nov 30 12:55:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
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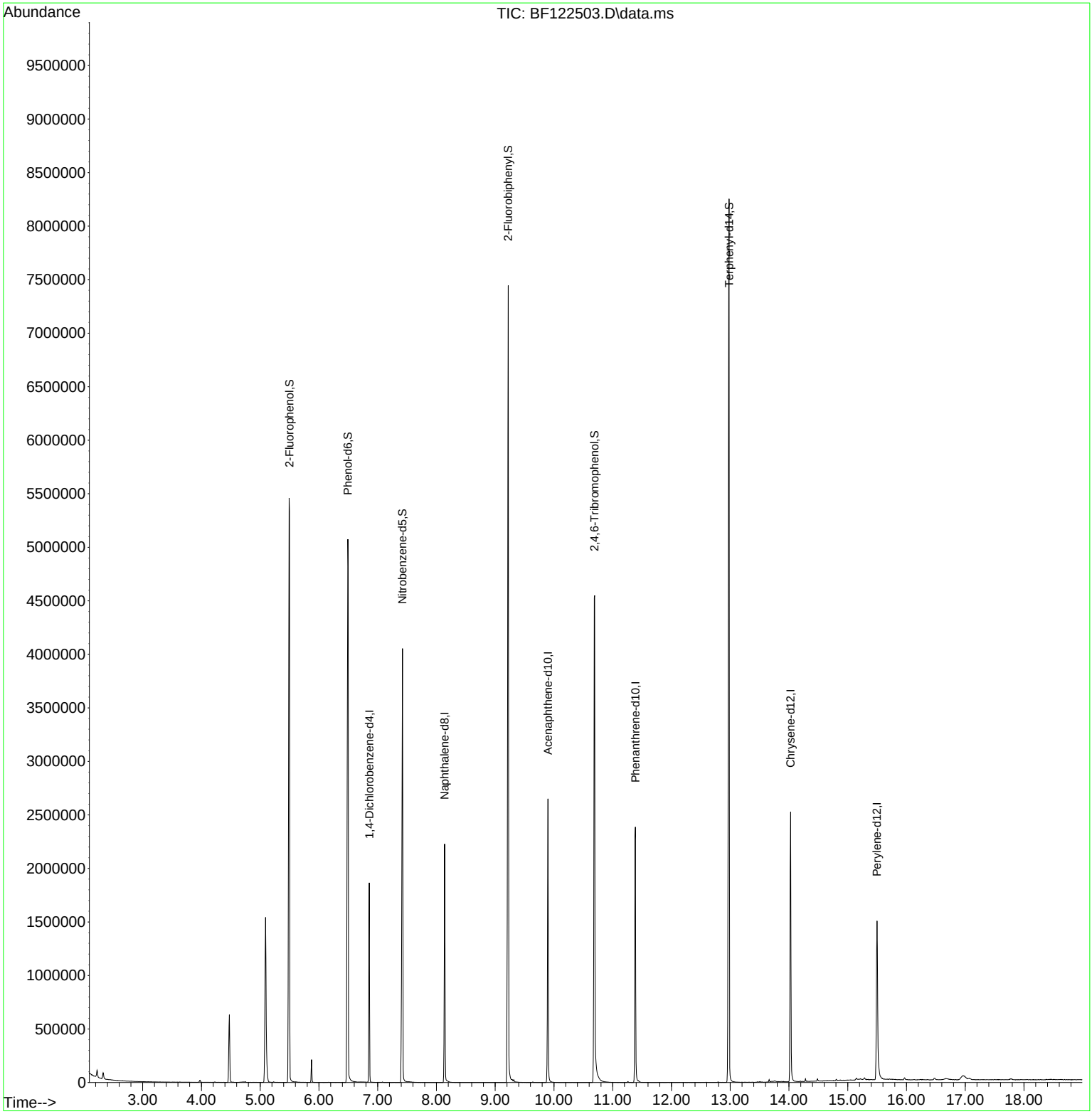
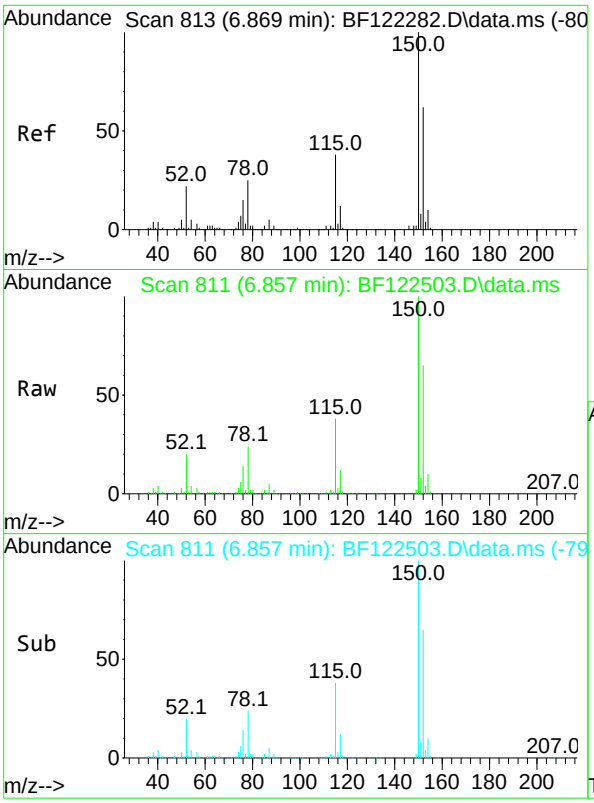


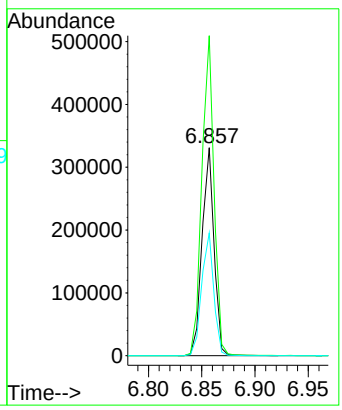
**Instrument :**
BNA_F
**ClientSampleId :**
PB133297BL

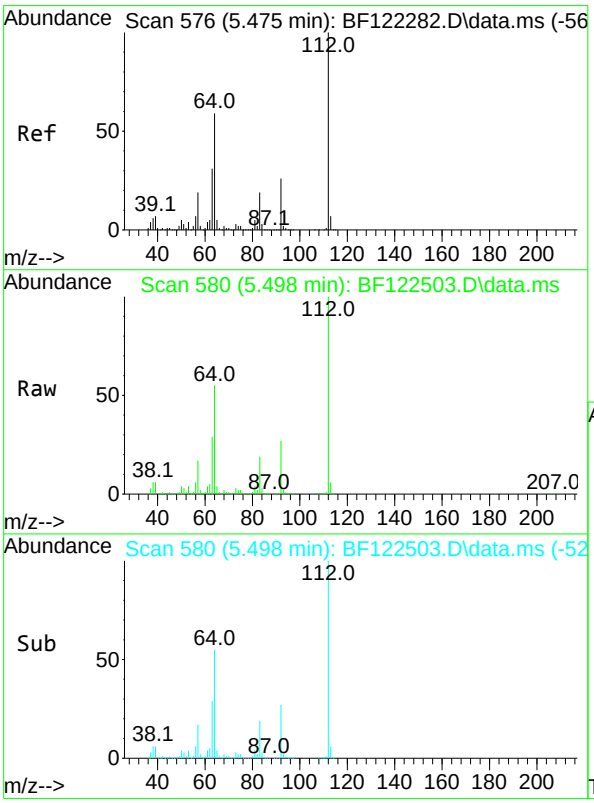



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:152 Resp: 260358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.8 | 125.3 | 187.9 |
| 115 | 58.9 | 51.9 | 77.9 |

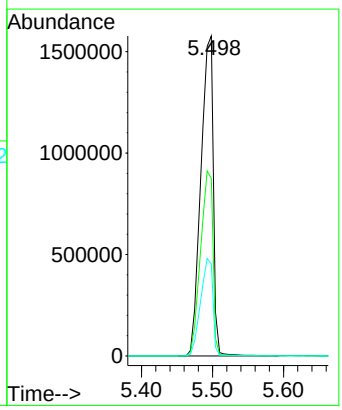


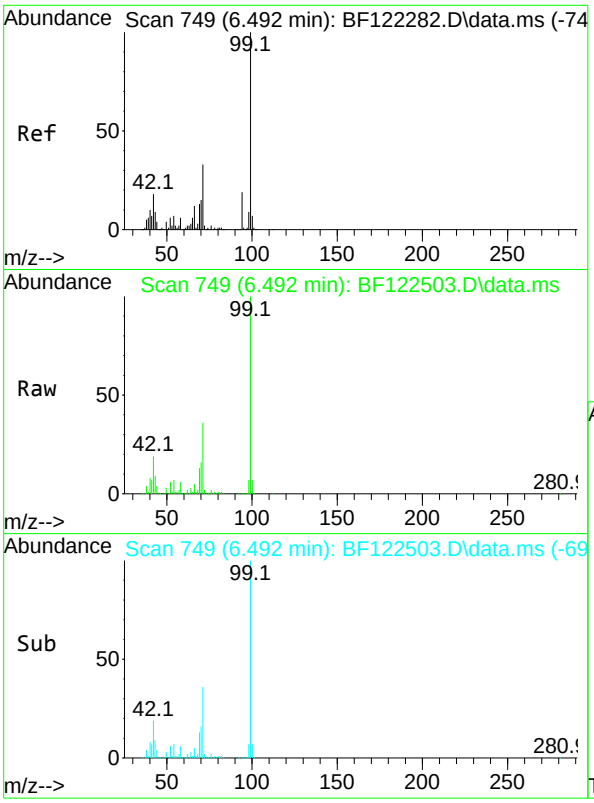

#5
2-Fluorophenol
Concen: 113.59 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.017 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:112 Resp: 1926042

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.4 | 50.4 | 75.6 |
| 63 | 28.7 | 25.8 | 38.6 |



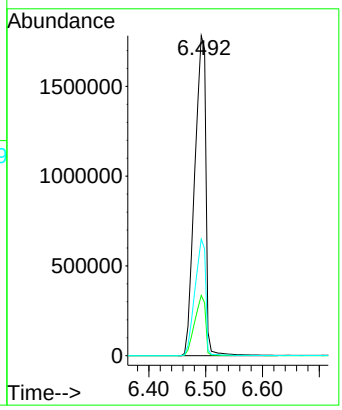
**Instrument :**
BNA_F
**ClientSampleId :**
PB133297BL

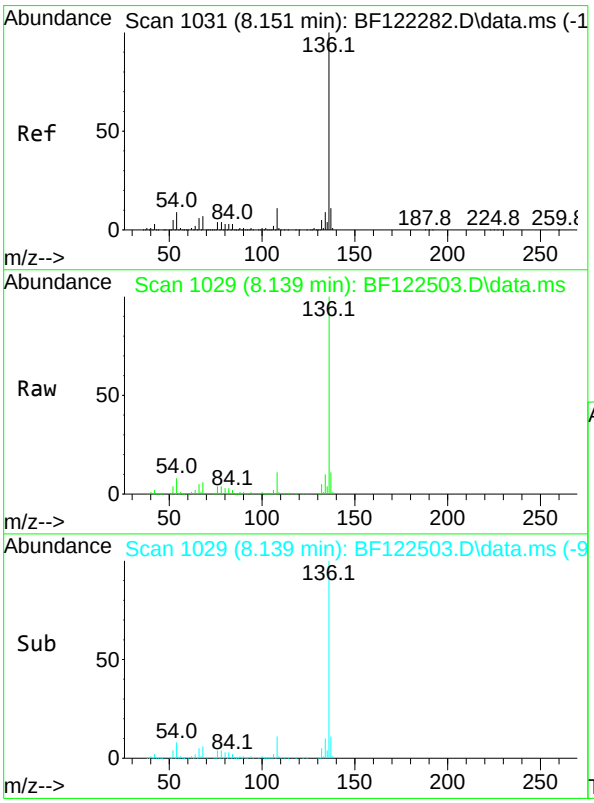



#7
Phenol-d6
Concen: 110.60 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion: 99 Resp: 2453261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.8 | 15.9 | 23.9 |
| 71 | 36.4 | 27.1 | 40.7 |

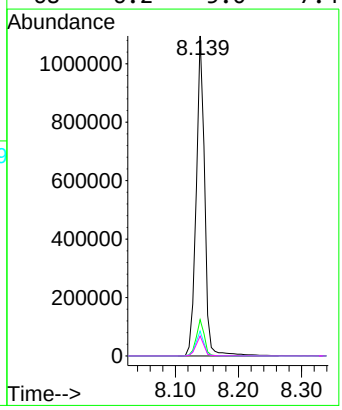


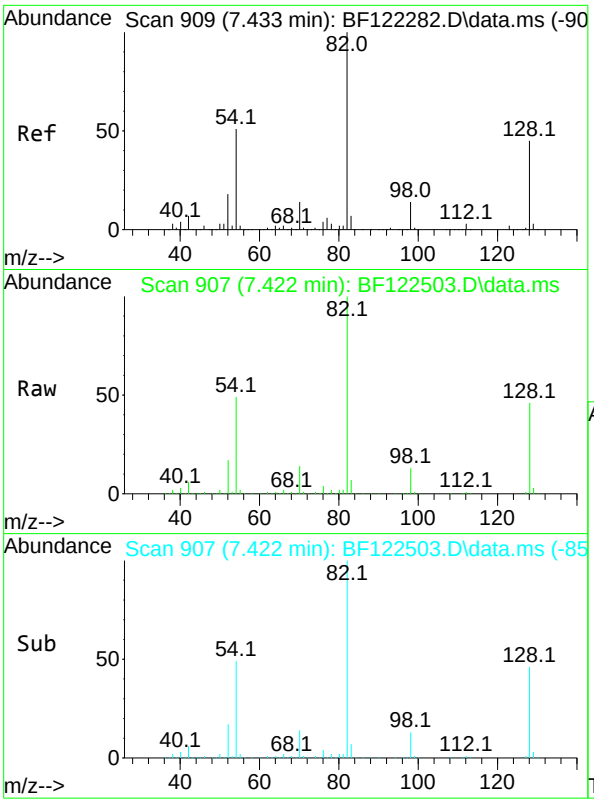

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:136 Resp: 1013170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.6 | 13.0 |
| 54 | 7.8 | 7.1 | 10.7 |
| 68 | 6.2 | 5.0 | 7.4 |



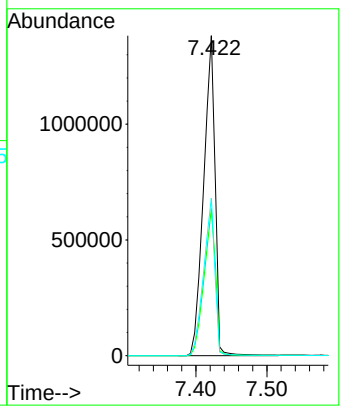
**Instrument :**
BNA_F
**ClientSampleId :**
PB133297BL

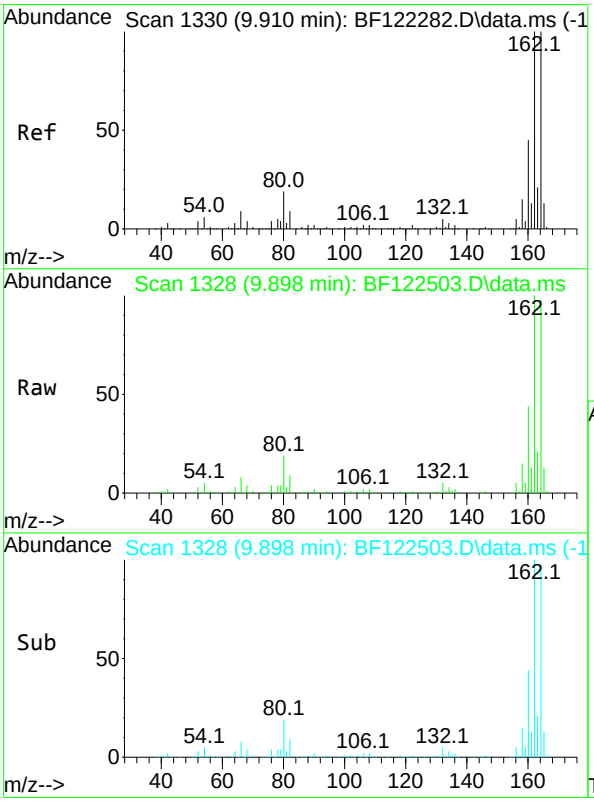



#23
Nitrobenzene-d5
Concen: 94.27 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion: 82 Resp: 1560182

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.0 | 35.0 | 52.4 |
| 54 | 49.3 | 43.9 | 65.9 |

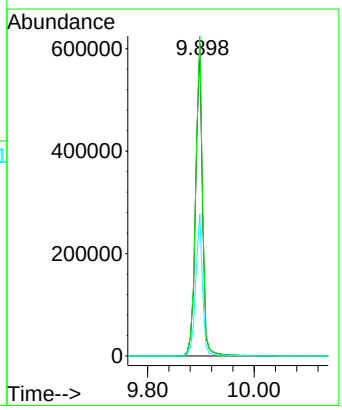


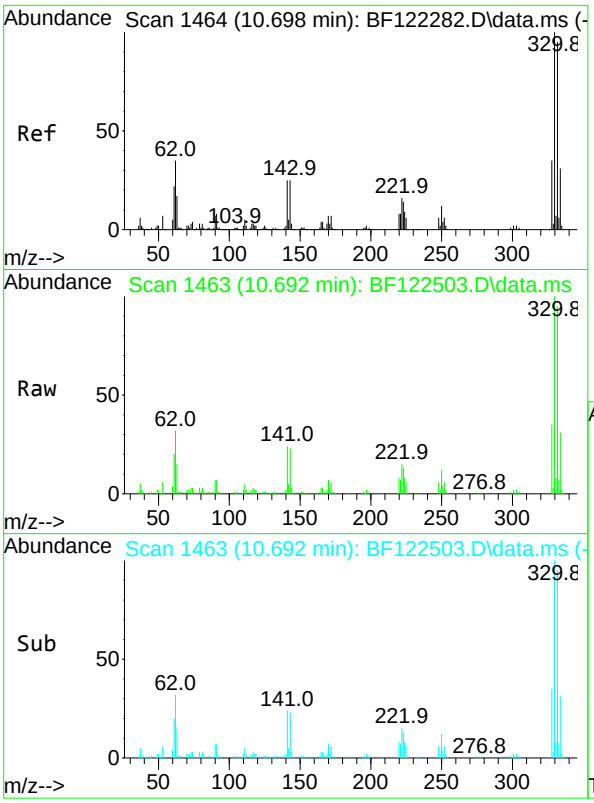

#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:164 Resp: 547216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.5 | 83.2 | 124.8 |
| 160 | 45.4 | 37.5 | 56.3 |



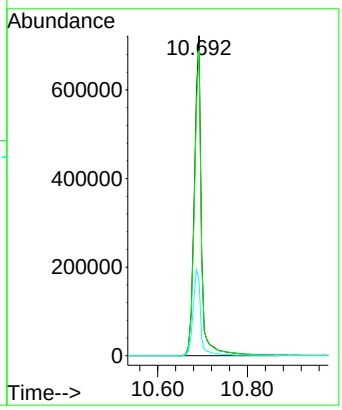
**Instrument :**
BNA_F
**ClientSampleId :**
PB133297BL

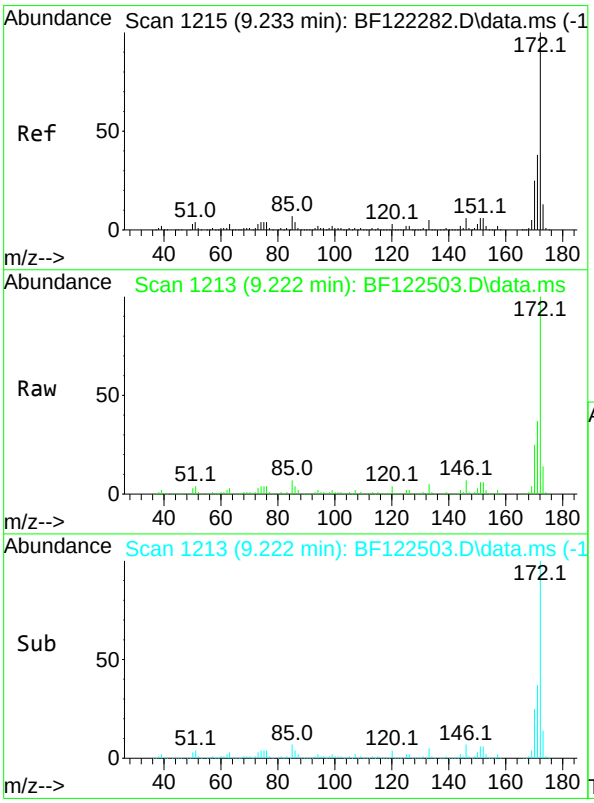



#42
2,4,6-Tribromophenol
Concen: 134.20 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:330 Resp: 788193

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.4 | 77.3 | 115.9 |
| 141 | 29.7 | 22.3 | 33.5 |

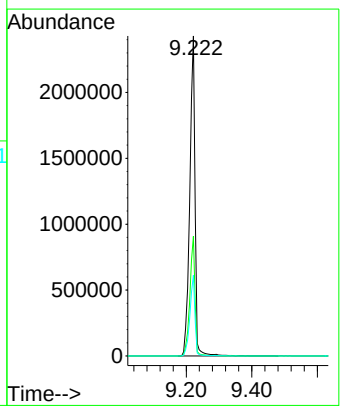


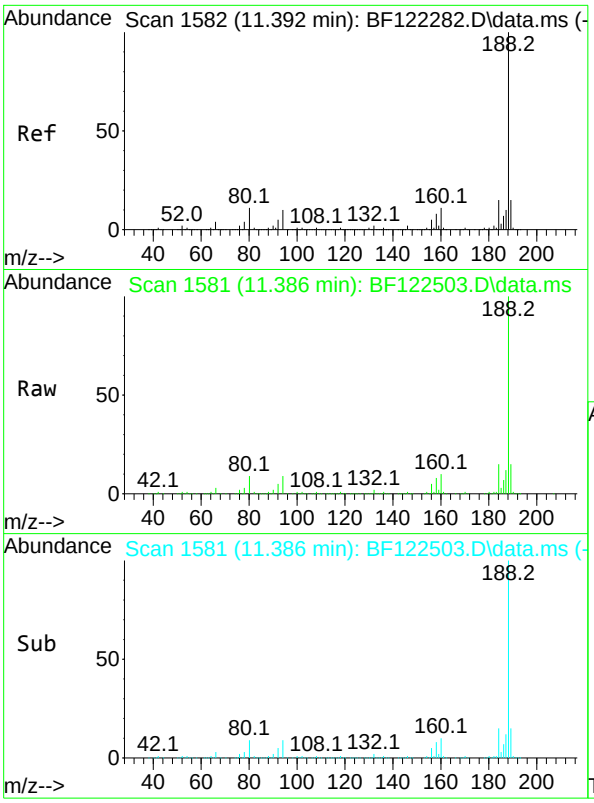

#45
2-Fluorobiphenyl
Concen: 77.53 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:172 Resp: 2715356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.4 | 29.1 | 43.7 |
| 170 | 25.2 | 19.8 | 29.6 |



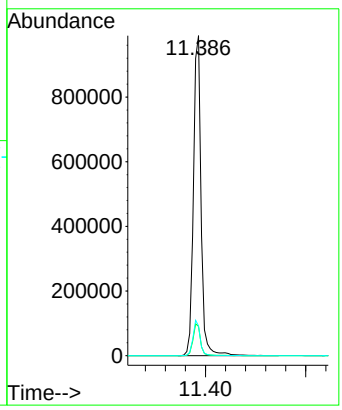
**Instrument :**
BNA_F
**ClientSampleId :**
PB133297BL

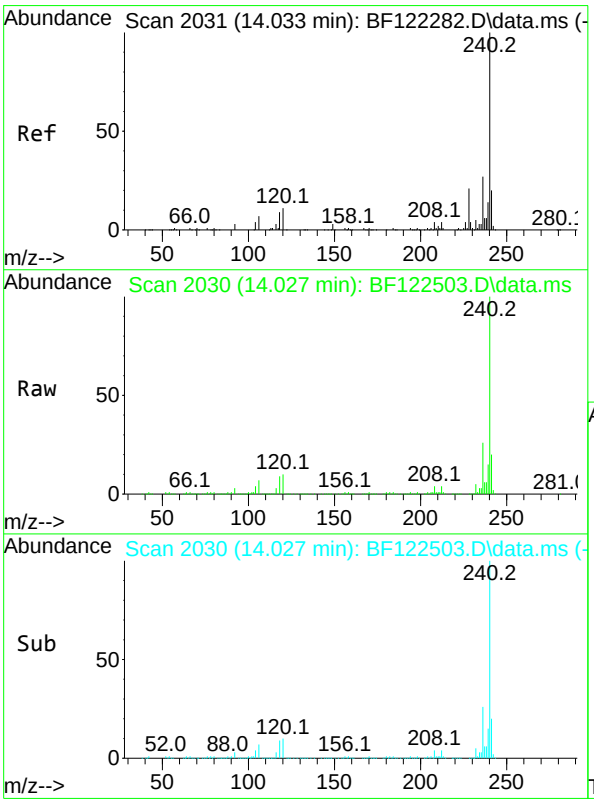



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:188 Resp: 1041393

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.1 | 8.3 | 12.5 |
| 80 | 9.3 | 9.1 | 13.7 |

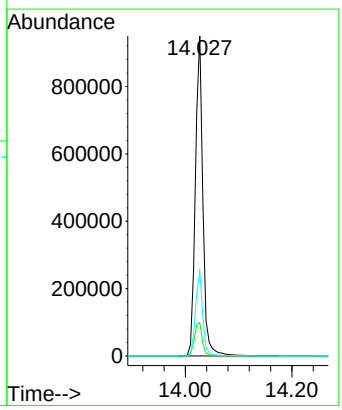


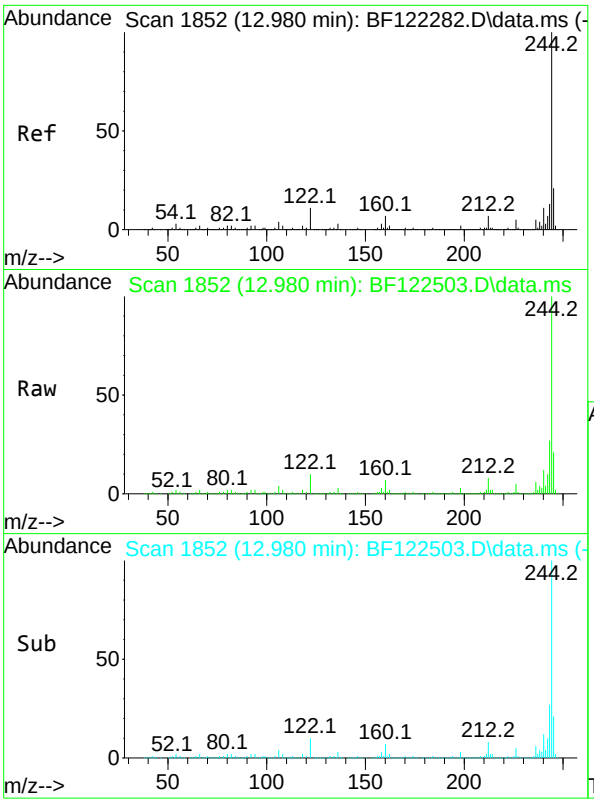




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:240 Resp: 932334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.5 | 9.2 | 13.8 |
| 236 | 26.4 | 20.9 | 31.3 |

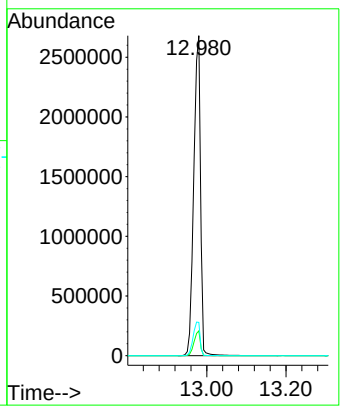





#79
Terphenyl-d14
Concen: 71.99 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.006 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:244 Resp: 3168160

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.8 | 5.4 | 8.2 |
| 122 | 10.4 | 8.1 | 12.1 |




**Instrument :**
BNA_F
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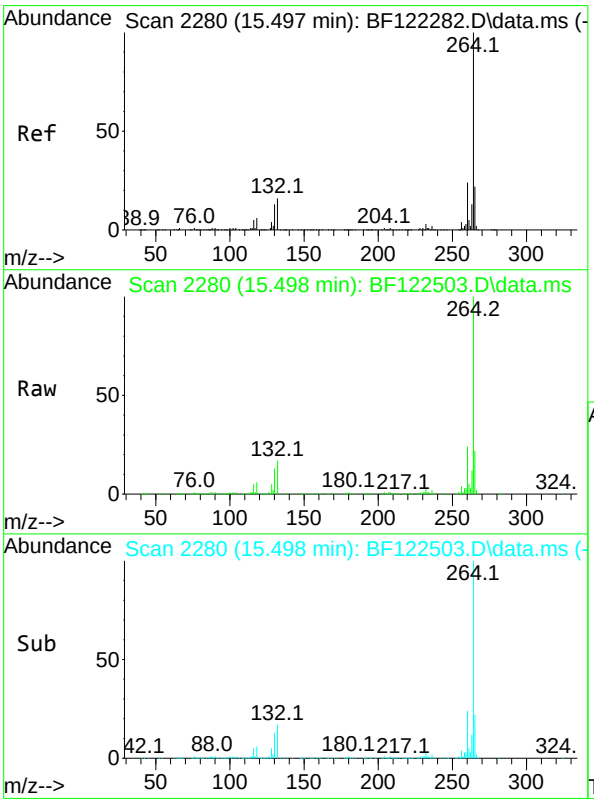
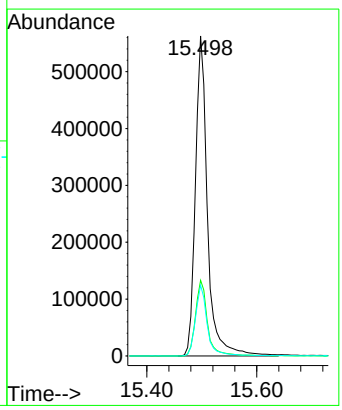
PB133297BL




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.498 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BF122503.D
Acq: 30 Nov 2020 12:19

Tgt Ion:264 Resp: 858929

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.7 | 28.1 |
| 265 | 22.1 | 17.3 | 25.9 |