Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130497.D
Acq On : 03 Oct 2022 14:26
Operator : CG\JU
Sample : N4888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Quant Time: Oct 04 03:15:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.634 | 152 | 77705 | 20.000 | ng | -0.01 |
| 21) Naphthalene-d8 | 7.916 | 136 | 395056 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.669 | 164 | 206113 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.145 | 188 | 335735 | 20.000 | ng | #-0.01 |
| 76) Chrysene-d12 | 13.780 | 240 | 145345 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 15.168 | 264 | 150322 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.240 | 112 | 637350 | 142.264 | ng | 0.00 |
| 7) Phenol-d6 | 6.281 | 99 | 810970 | 144.672 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.204 | 82 | 539918 | 69.822 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.457 | 330 | 164523 | 83.305 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 8.998 | 172 | 860637 | 60.804 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.733 | 244 | 711030 | 81.036 | ng | -0.01 |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 7.204 | 70 | 75062 | 19.844 | ng | # 76 |
| 25) Isophorone | 7.204 | 82 | 539914 | 43.320 | ng | # 66 |
| 50) Dimethylphthalate | 9.669 | 163 | 36747 | 2.581 | ng | # 1 |
| 51) 2,6-Dinitrotoluene | 9.669 | 165 | 26377 | 8.859 | ng | # 16 |
| 57) 2,4-Dinitrotoluene | 9.669 | 165 | 26377 | 6.931 | ng | # 16 |
| 67) 4-Bromophenyl-phenylether | 10.457 | 248 | 10325 | 2.788 | ng | # 1 |
| 77) Benzidine | 12.733 | 184 | 11527 | 2.732 | ng | # 93 |

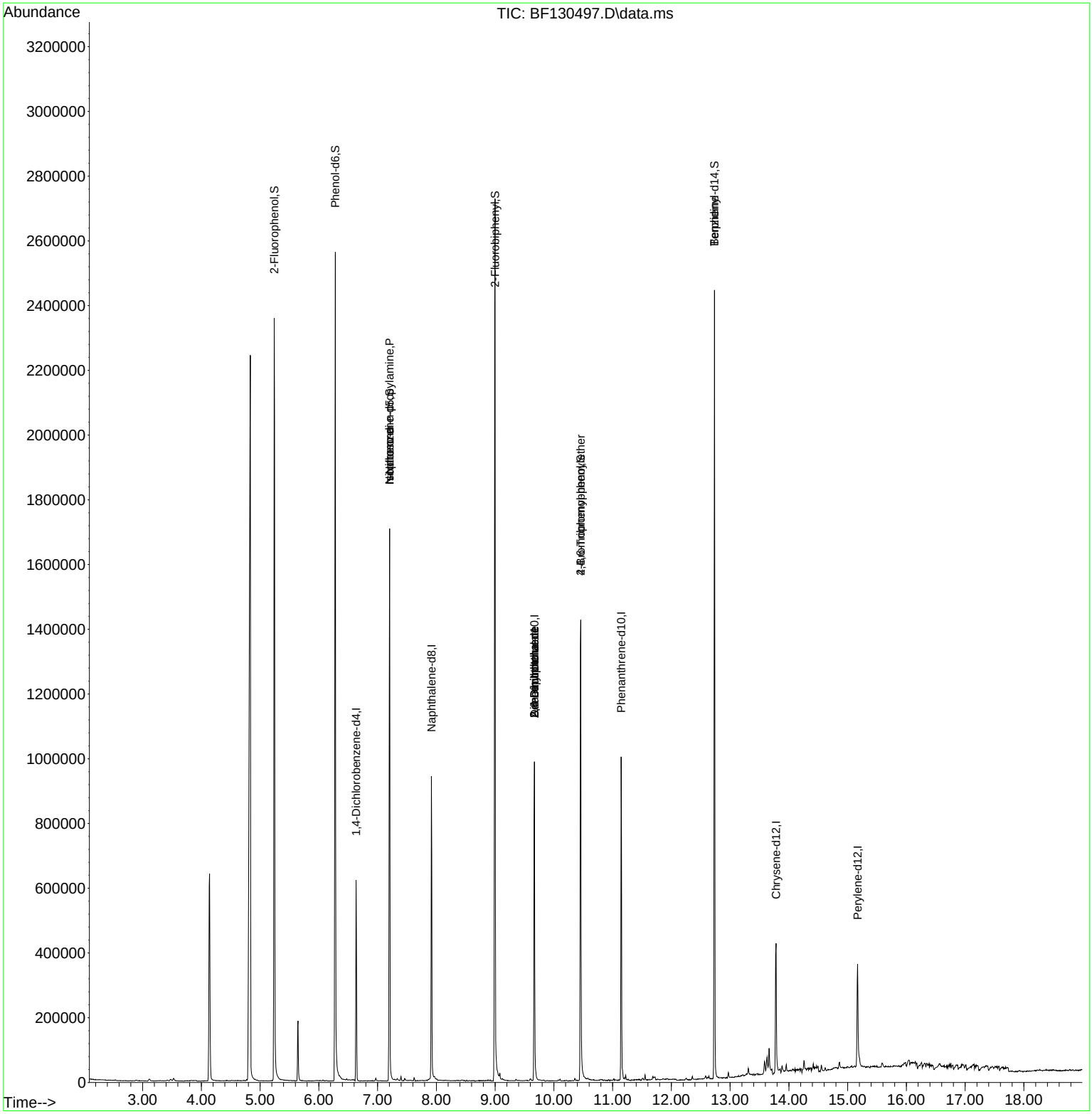
(#) = qualifier out of range (m) = manual integration (+) = signals summed

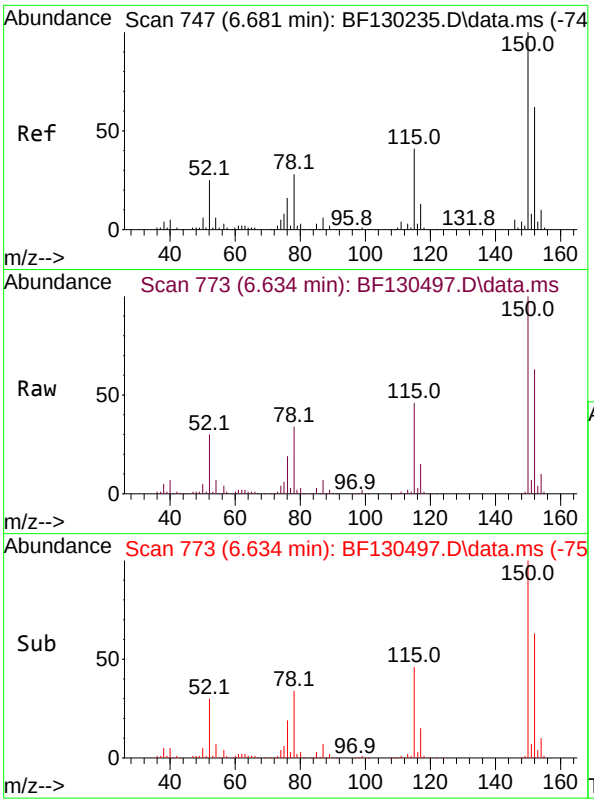
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
Data File : BF130497.D
Acq On : 03 Oct 2022 14:26
Operator : CG\JU
Sample : N4888-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Quant Time: Oct 04 03:15:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 28 02:59:31 2022
Response via : Initial Calibration



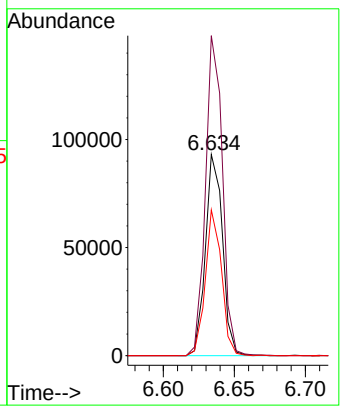


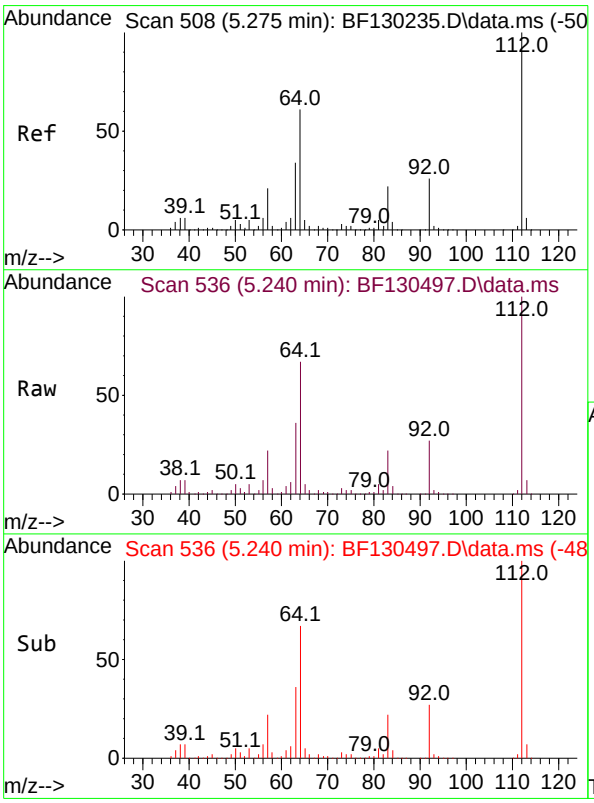

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 7
Delta R.T. -0.011 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion:152 Resp: 77705

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.1 | 122.8 | 184.2 |
| 115 | 72.5 | 53.8 | 80.8 |

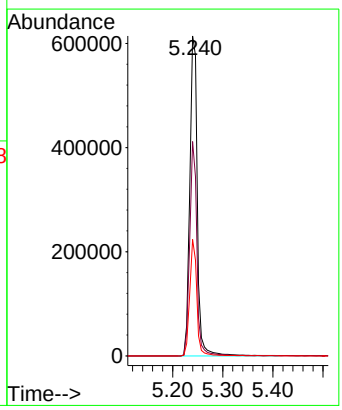


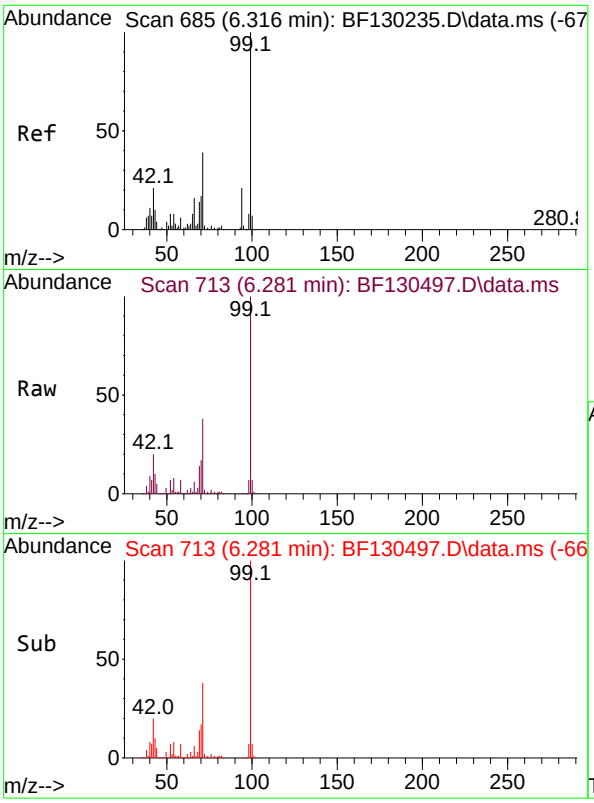




#5
2-Fluorophenol
Concen: 142.264 ng
RT: 5.240 min Scan# 536
Delta R.T. -0.006 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:112 Resp: 637350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 67.0 | 51.4 | 77.0 |
| 63 | 36.4 | 28.8 | 43.2 |



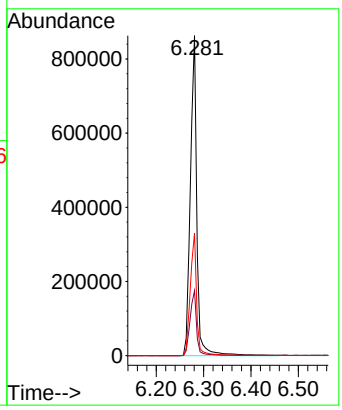


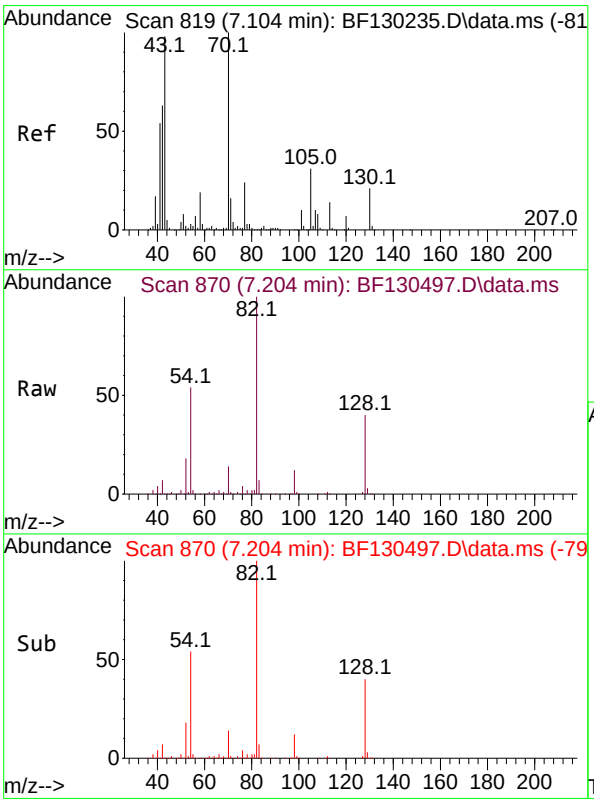

#7
Phenol-d6
Concen: 144.672 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion: 99 Resp: 810970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 20.3 | 17.0 | 25.6 |
| 71 | 38.3 | 32.3 | 48.5 |

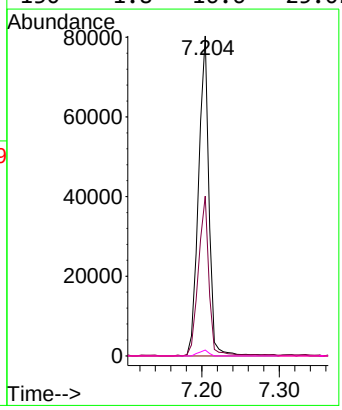


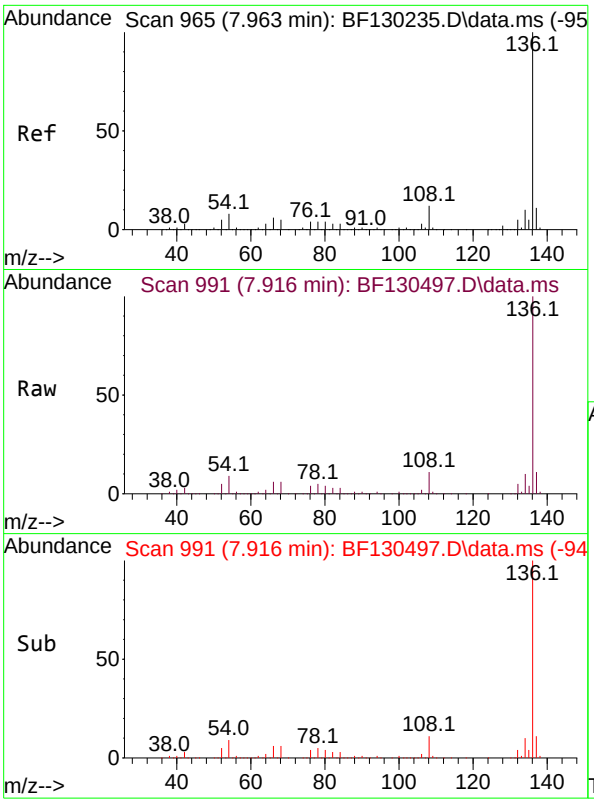




#19
n-Nitroso-di-n-propylamine
Concen: 19.844 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.135 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion: 70 Resp: 75062

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.9 | 50.8 | 76.2# |
| 101 | 0.0 | 8.2 | 12.4# |
| 130 | 1.8 | 16.6 | 25.0# |



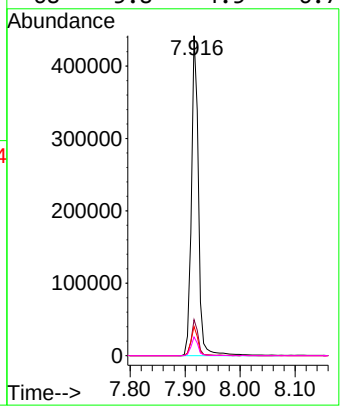


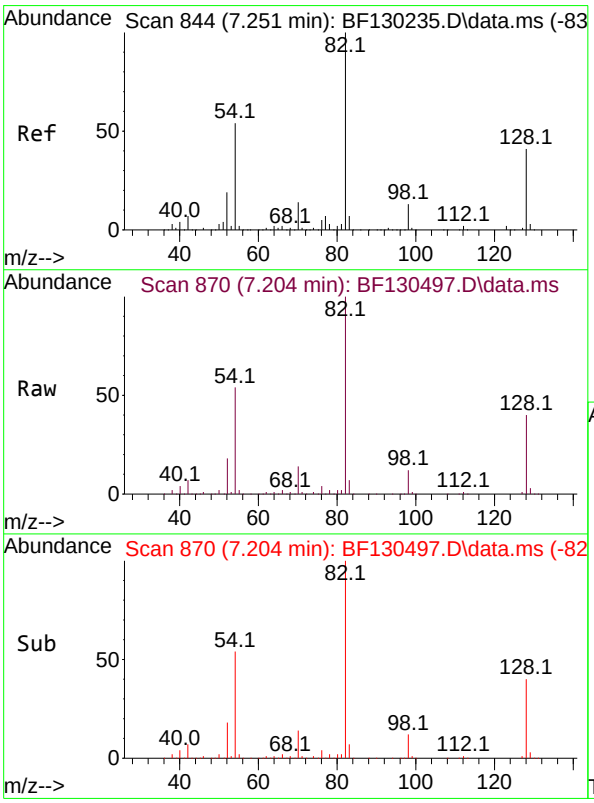

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion:136 Resp: 395056

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 9.1 | 13.7 |
| 54 | 9.1 | 7.1 | 10.7 |
| 68 | 5.8 | 4.5 | 6.7 |

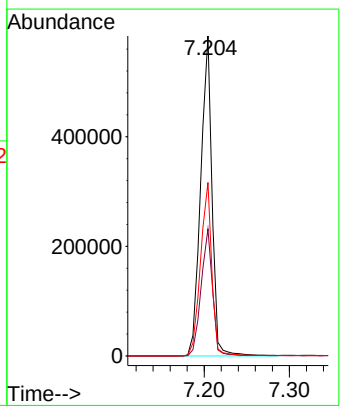


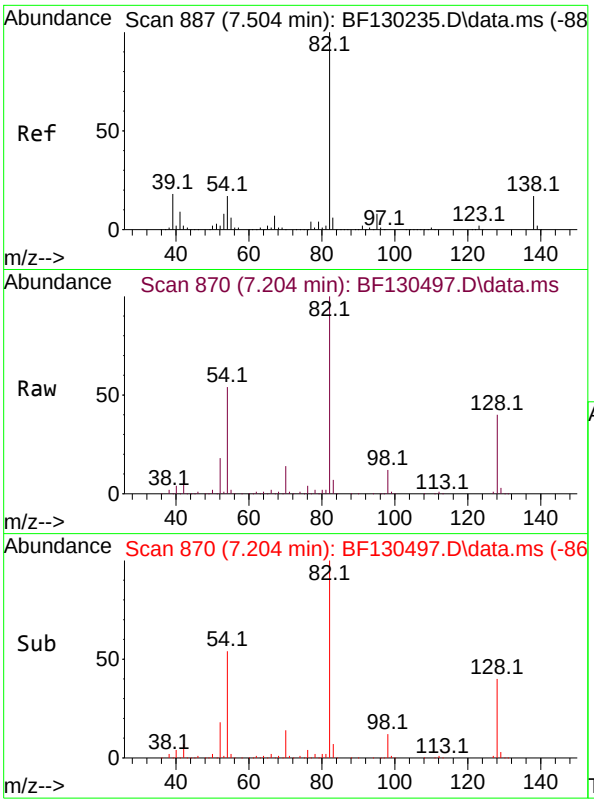




#23
Nitrobenzene-d5
Concen: 69.822 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion: 82 Resp: 539918

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.7 | 32.6 | 49.0 |
| 54 | 54.2 | 43.8 | 65.6 |



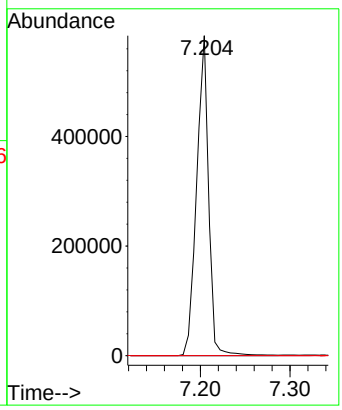


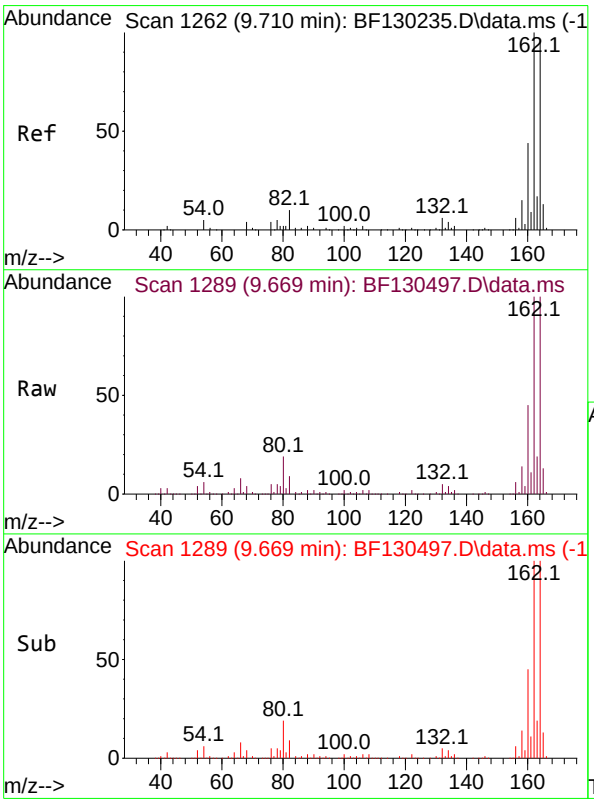

#25
Isophorone
Concen: 43.320 ng
RT: 7.204 min Scan# 8
Delta R.T. -0.270 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion: 82 Resp: 539914

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.4 | 9.6# |
| 138 | 0.0 | 13.8 | 20.6# |

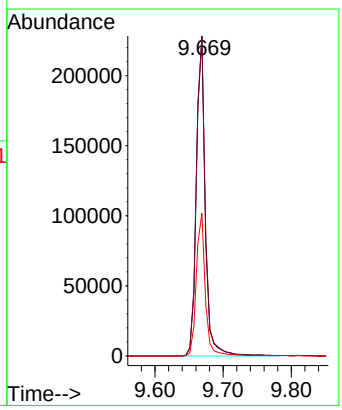


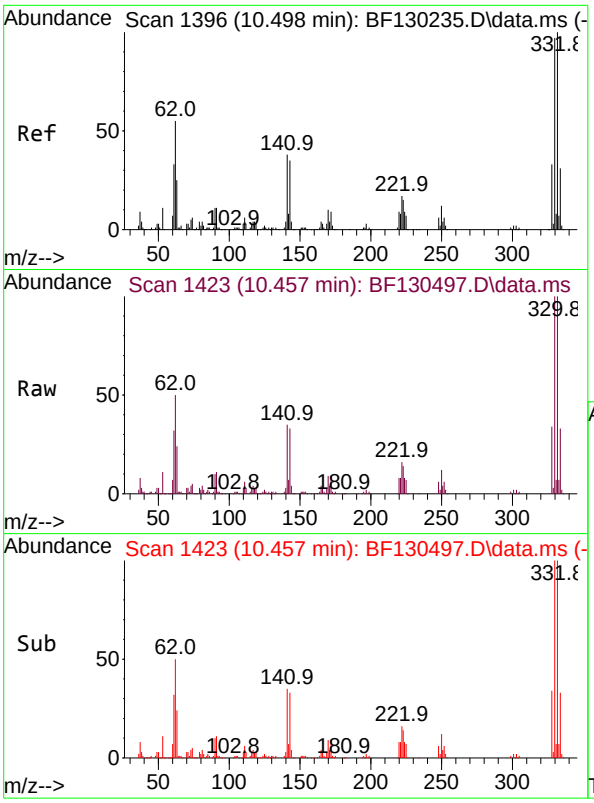




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.669 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:164 Resp: 206113

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.7 | 81.4 | 122.0 |
| 160 | 44.6 | 36.2 | 54.4 |



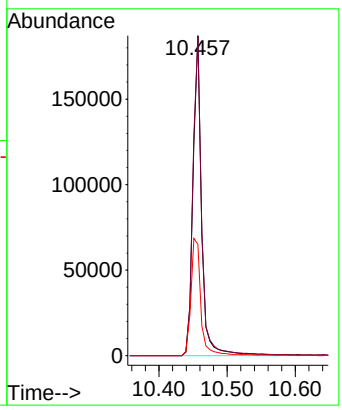


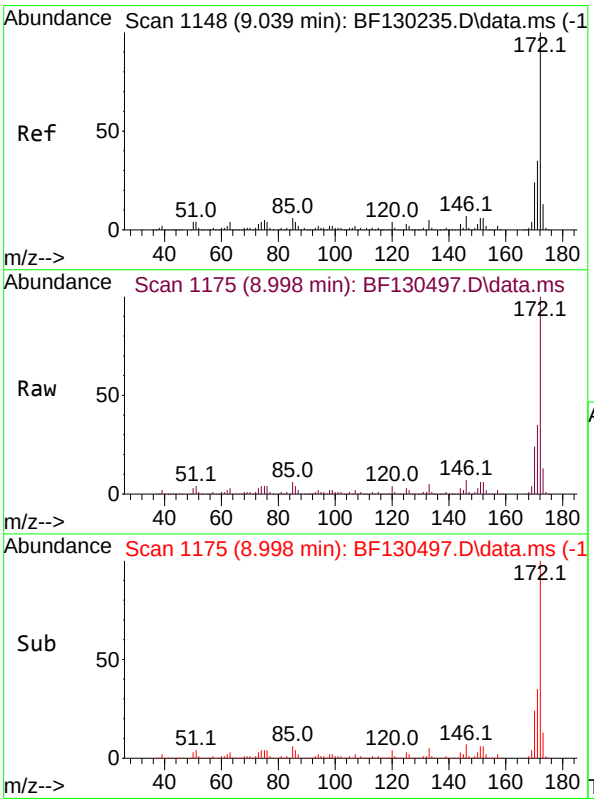

#42
2,4,6-Tribromophenol
Concen: 83.305 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion:330 Resp: 164523

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 101.9 | 83.4 | 125.2 |
| 141 | 43.0 | 34.0 | 51.0 |

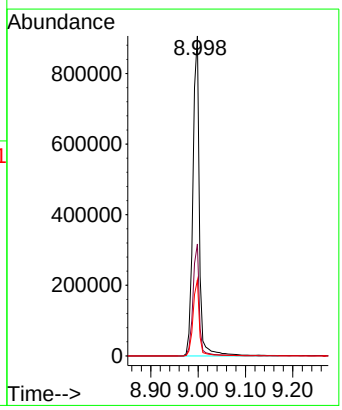


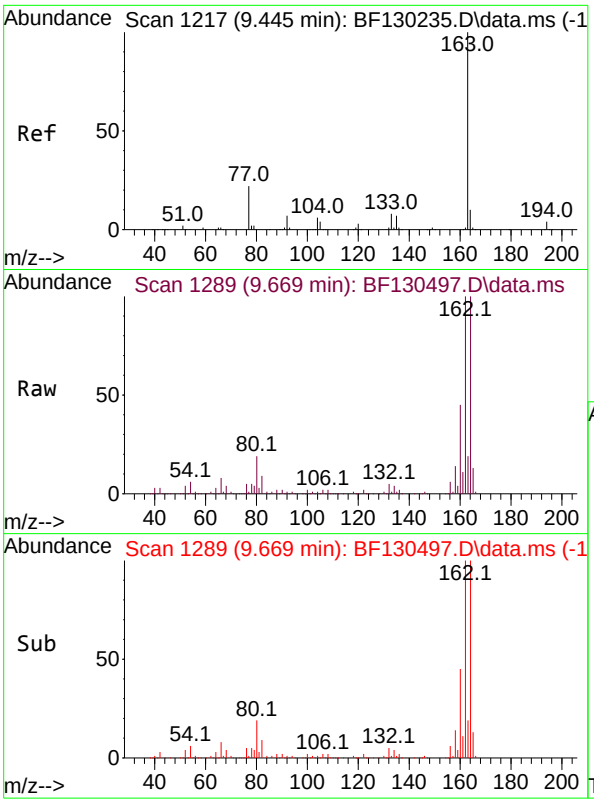




#45
2-Fluorobiphenyl
Concen: 60.804 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:172 Resp: 860637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.0 | 28.3 | 42.5 |
| 170 | 23.7 | 18.7 | 28.1 |



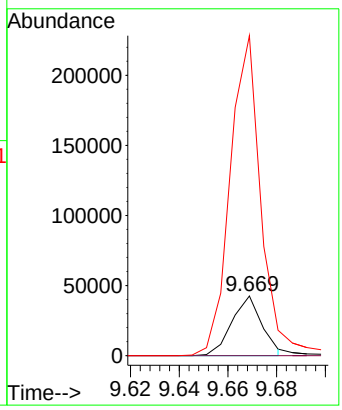


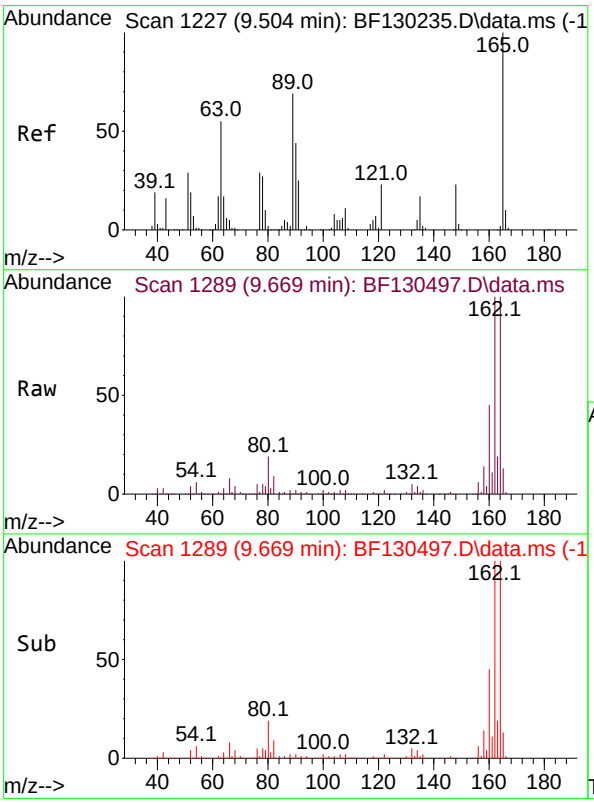

#50
Dimethylphthalate
Concen: 2.581 ng
RT: 9.669 min Scan# 1
Delta R.T. 0.253 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion:163 Resp: 36747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 0.0 | 2.8 | 4.2# |
| 164 | 536.3 | 8.2 | 12.2# |

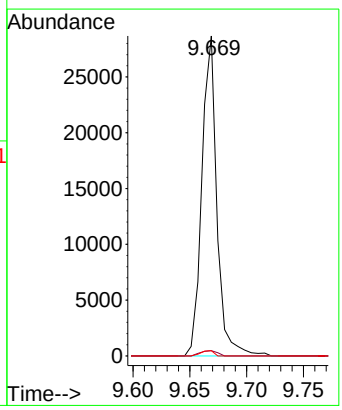


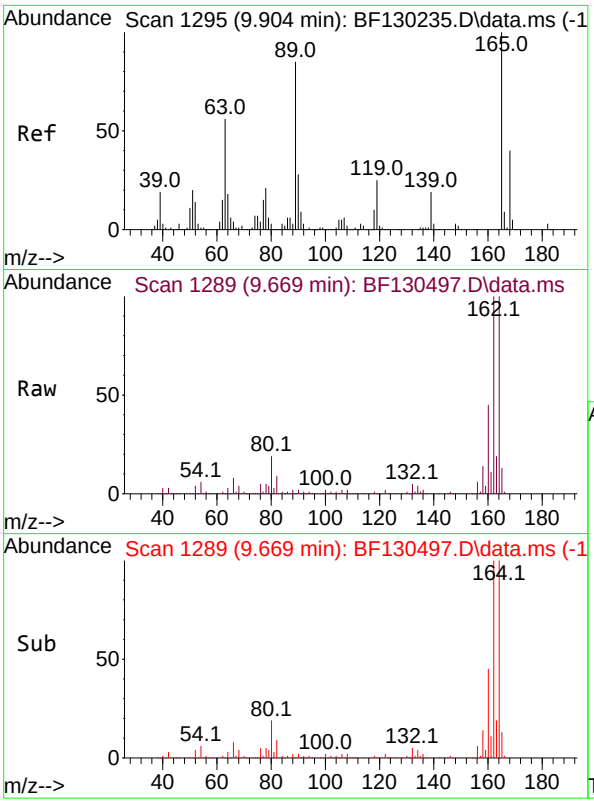




#51
2,6-Dinitrotoluene
Concen: 8.859 ng
RT: 9.669 min Scan# 1289
Delta R.T. 0.194 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:165 Resp: 26377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 58.8 | 88.2# |
| 89 | 1.6 | 54.5 | 81.7# |



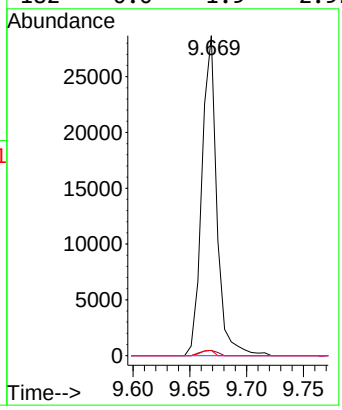


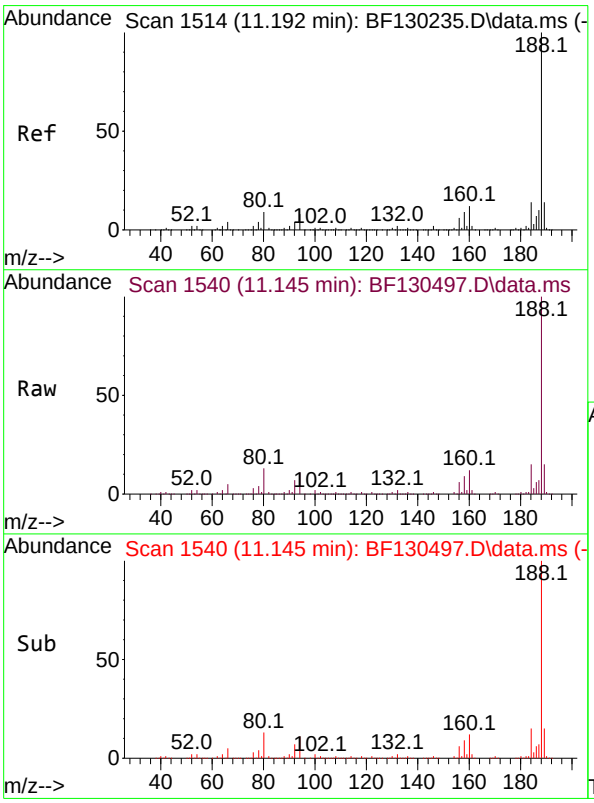

#57
2,4-Dinitrotoluene
Concen: 6.931 ng
RT: 9.669 min Scan# 1
Delta R.T. -0.206 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion:165 Resp: 26377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.7 | 44.7 | 67.1# |
| 89 | 1.6 | 69.0 | 103.4# |
| 182 | 0.0 | 1.9 | 2.9# |

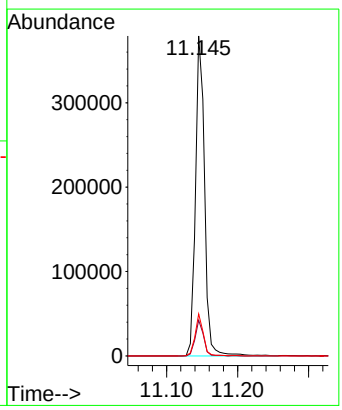


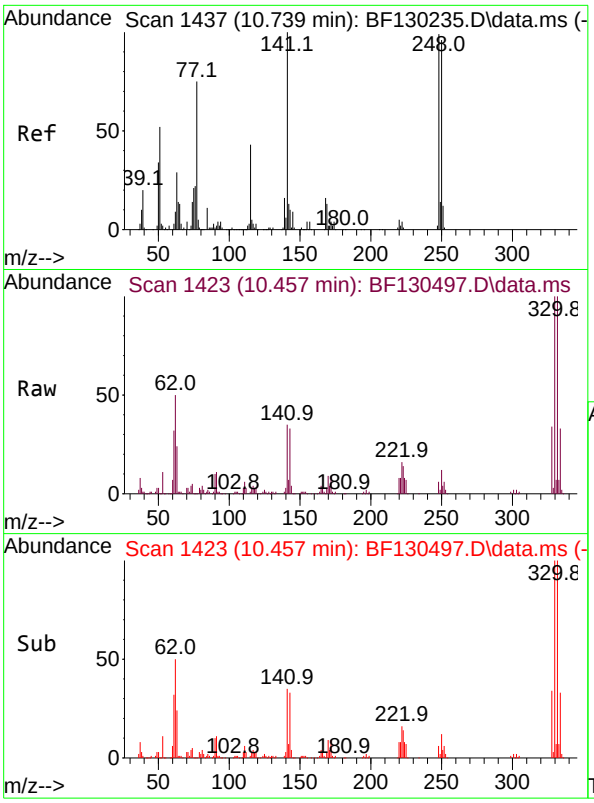




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:188 Resp: 335735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.1 | 7.4 | 11.2 |
| 80 | 13.1 | 7.9 | 11.9# |



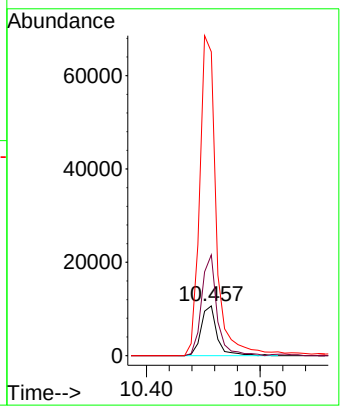


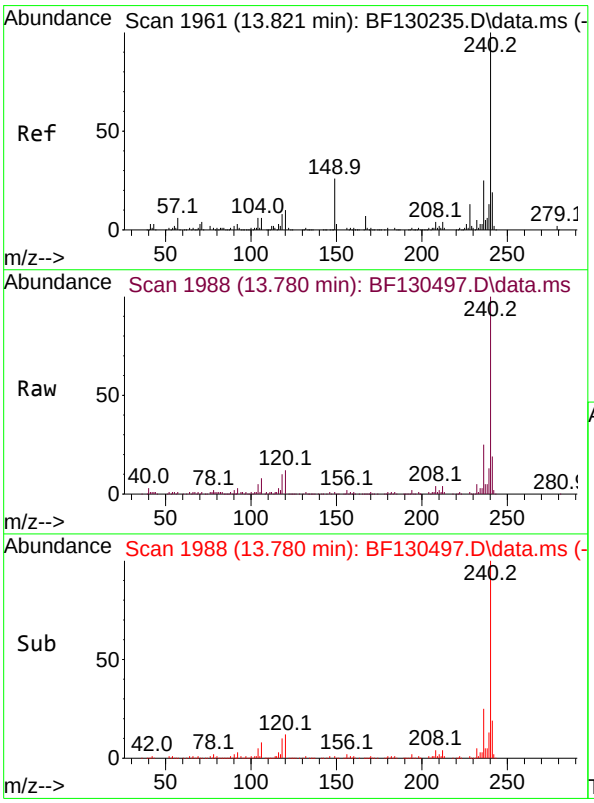

#67
4-Bromophenyl-phenylether
Concen: 2.788 ng
RT: 10.457 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion:248 Resp: 10325

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 202.9 | 80.0 | 120.0# |
| 141 | 611.4 | 68.5 | 102.7# |

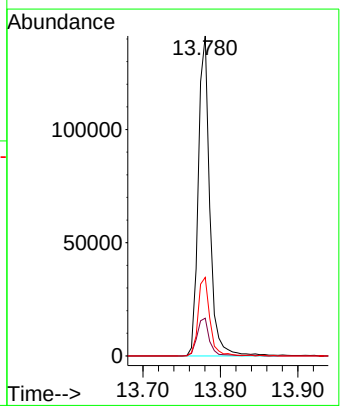


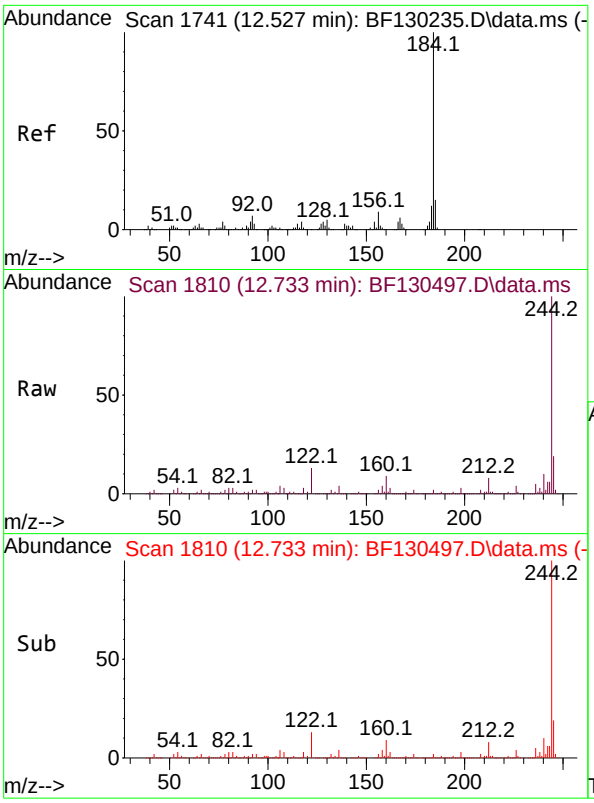




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:240 Resp: 145345

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.8 | 8.7 | 13.1 |
| 236 | 24.5 | 20.9 | 31.3 |



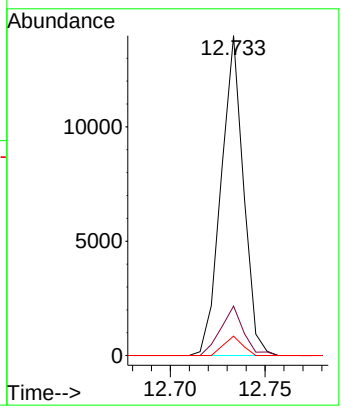


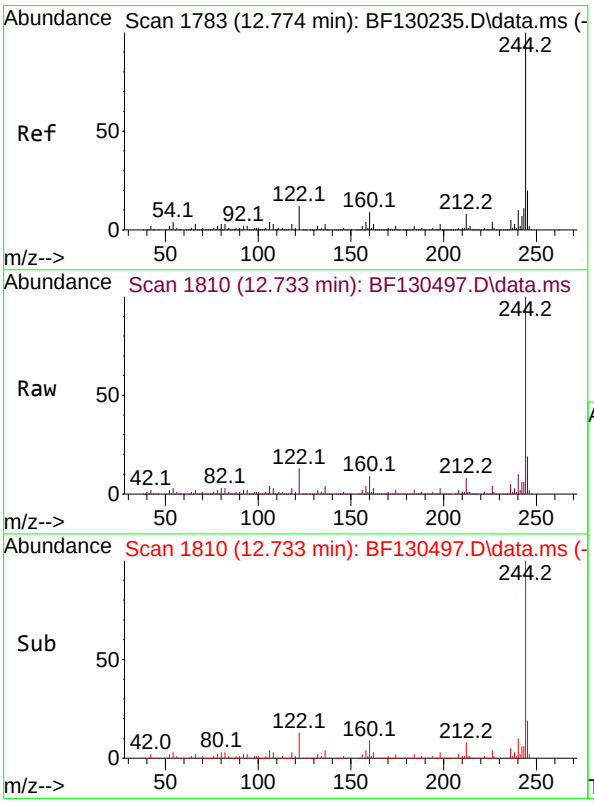

#77
Benzidine
Concen: 2.732 ng
RT: 12.733 min Scan# 18
Delta R.T. 0.235 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion:184 Resp: 11527

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 15.5 | 11.8 | 17.6 |
| 183 | 6.1 | 9.1 | 13.7# |

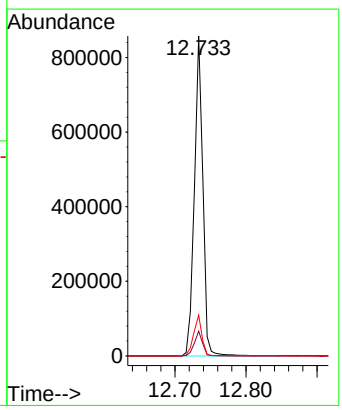


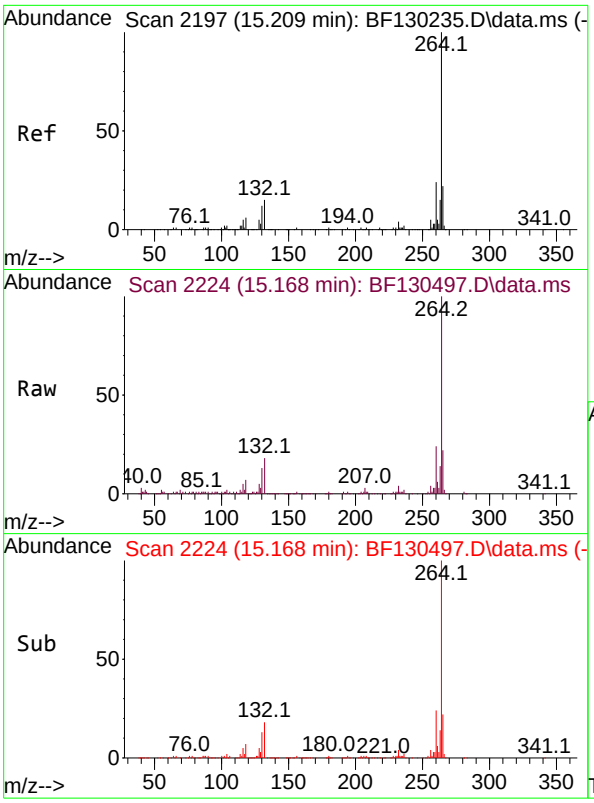




#79
Terphenyl-d14
Concen: 81.036 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.012 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

Tgt Ion:244 Resp: 711030

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 5.9 | 8.9 |
| 122 | 12.7 | 8.5 | 12.7 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.168 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF130497.D
Acq: 03 Oct 2022 14:26

**Instrument :**
BNA_F
**ClientSampleId :**
T-2

Tgt Ion:264 Resp: 150322

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.9 | 19.3 | 28.9 |
| 265 | 21.9 | 17.0 | 25.4 |