Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
Data File : BF128119.D
Acq On : 06 May 2022 11:38
Operator : CG\JU
Sample : N2672-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Quant Time: May 06 16:02:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 17:56:23 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 6.904 | 152 | 74495 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.187 | 136 | 288243 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 9.945 | 164 | 171255 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.439 | 188 | 331609 | 20.000 | ng | # 0.00 |
| 76) Chrysene-d12 | 14.086 | 240 | 216172 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 15.586 | 264 | 164629 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.534 | 112 | 654226 | 139.881 | ng | 0.00 |
| 7) Phenol-d6 | 6.540 | 99 | 877689 | 144.624 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.475 | 82 | 626370 | 102.186 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.739 | 330 | 277797 | 161.138 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.263 | 172 | 1013035 | 100.073 | ng | 0.00 |
| 79) Terphenyl-d14 | 13.027 | 244 | 1188555 | 100.538 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propyla... | 7.475 | 70 | 85208 | 22.936 | ng | # 79 |
| 25) Isophorone | 7.475 | 82 | 626360 | 60.713 | ng | # 68 |
| 51) 2,6-Dinitrotoluene | 9.945 | 165 | 21977 | 8.838 | ng | # 21 |
| 57) 2,4-Dinitrotoluene | 9.945 | 165 | 21977 | 6.672 | ng | # 26 |
| 67) 4-Bromophenyl-phenylether | 10.739 | 248 | 16949 | 4.611 | ng | # 1 |
| 77) Benzidine | 13.027 | 184 | 16580 | 4.054 | ng | # 93 |

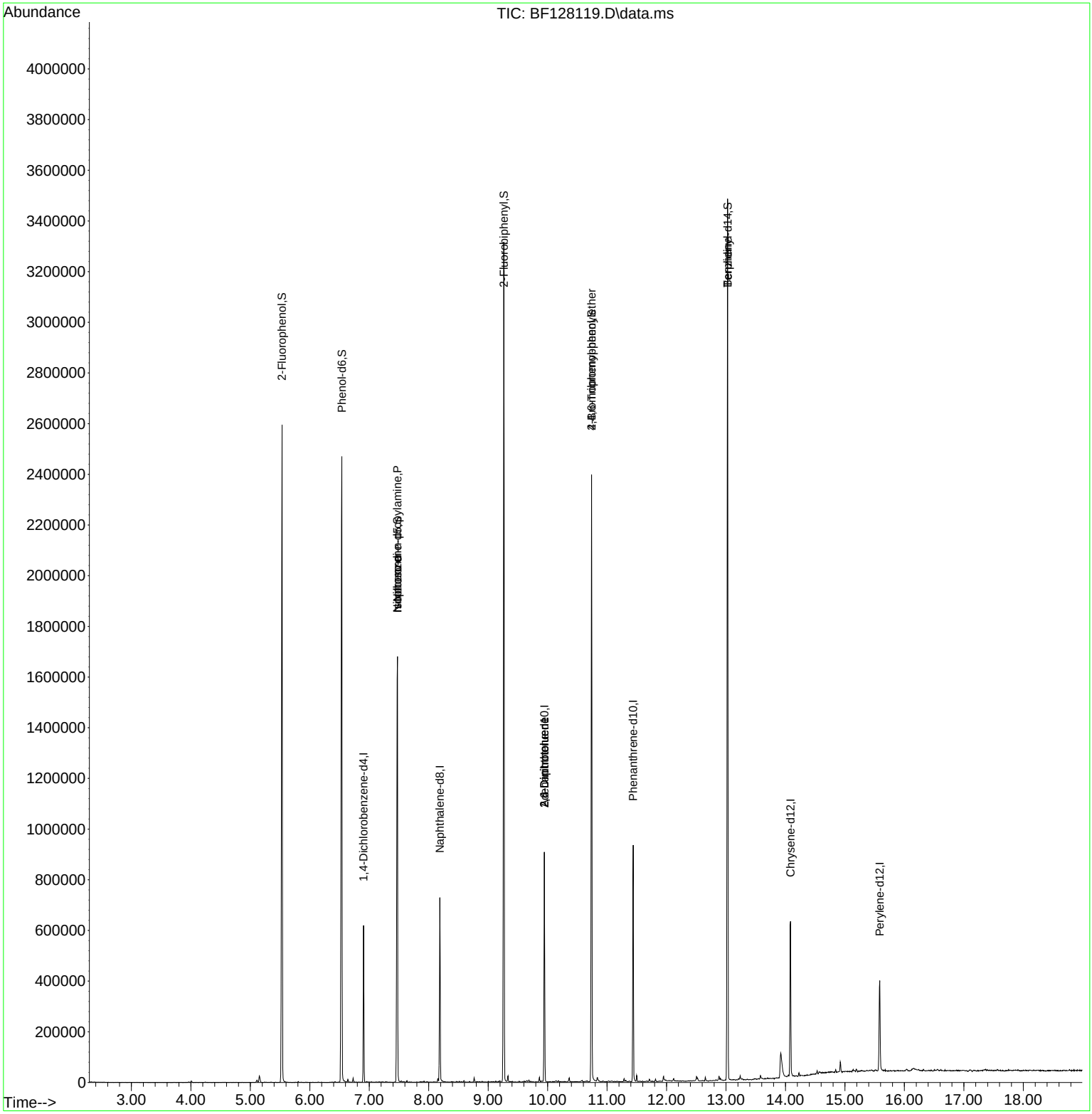
(#) = qualifier out of range (m) = manual integration (+) = signals summed

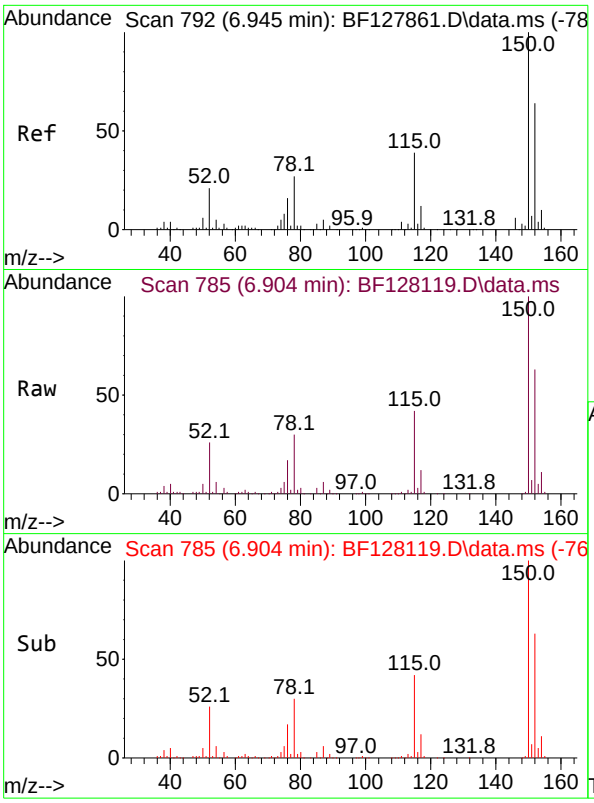
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
Data File : BF128119.D
Acq On : 06 May 2022 11:38
Operator : CG\JU
Sample : N2672-09
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Quant Time: May 06 16:02:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 17:56:23 2022
Response via : Initial Calibration



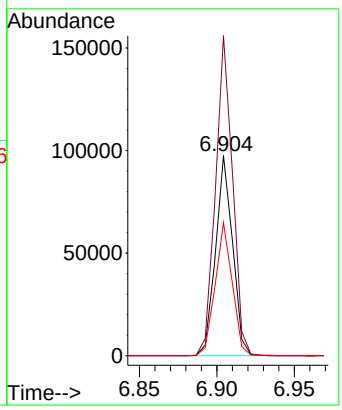


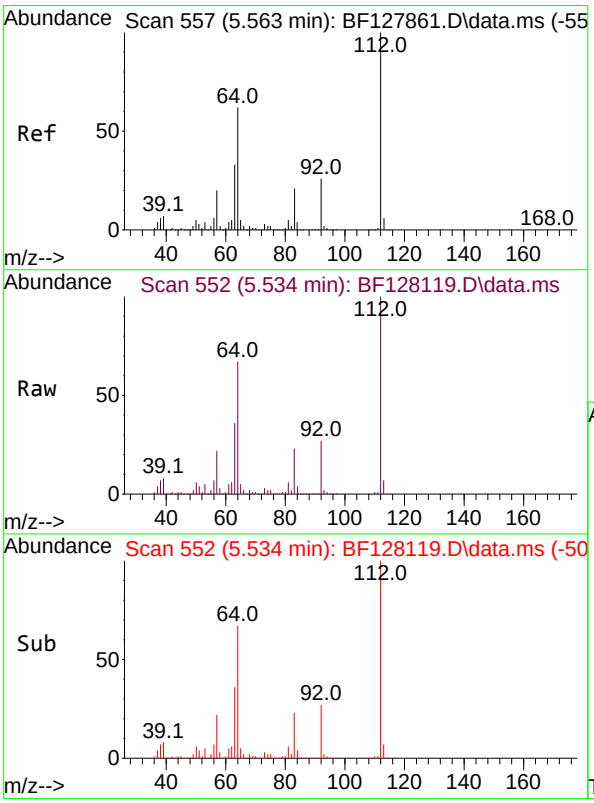

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion:152 Resp: 74495

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 159.8 | 125.3 | 187.9 |
| 115 | 66.5 | 48.8 | 73.2 |

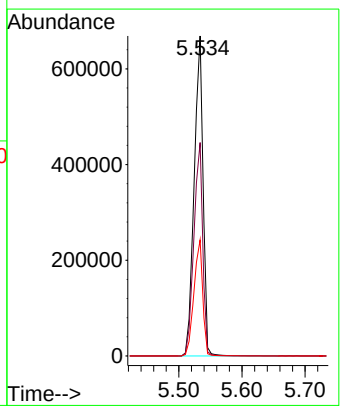


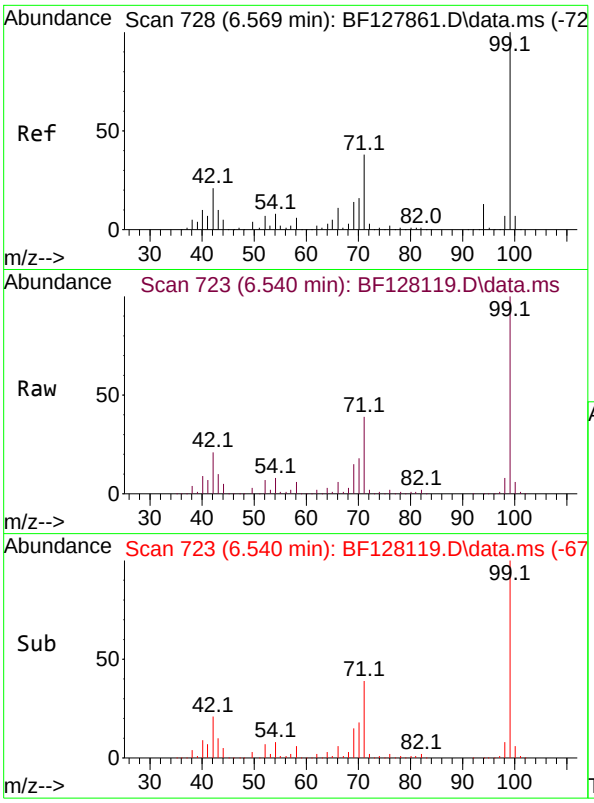




#5
2-Fluorophenol
Concen: 139.881 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:112 Resp: 654226

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 66.7 | 49.5 | 74.3 |
| 63 | 36.3 | 26.3 | 39.5 |



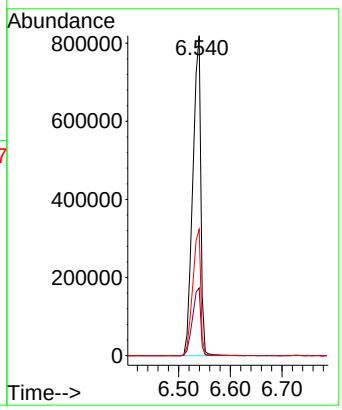


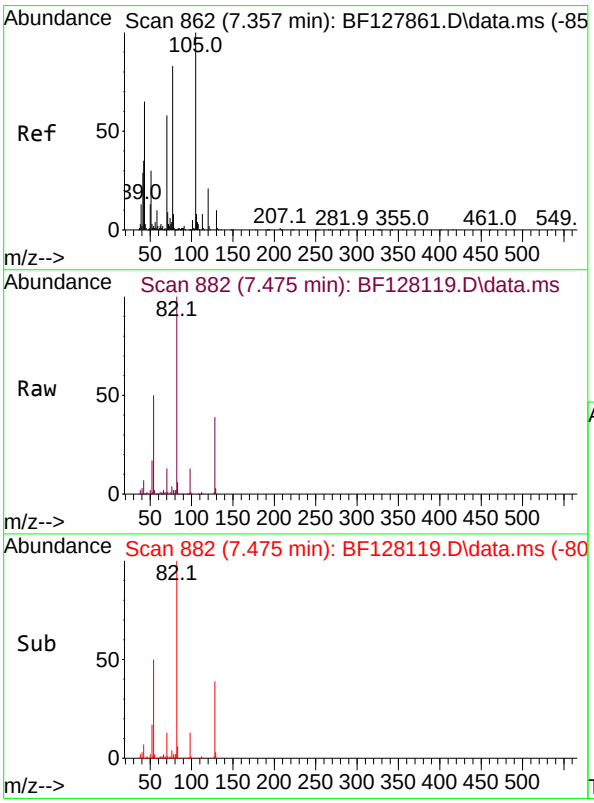

#7
Phenol-d6
Concen: 144.624 ng
RT: 6.540 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion: 99 Resp: 877689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 21.2 | 16.6 | 24.8 |
| 71 | 39.5 | 30.0 | 45.0 |

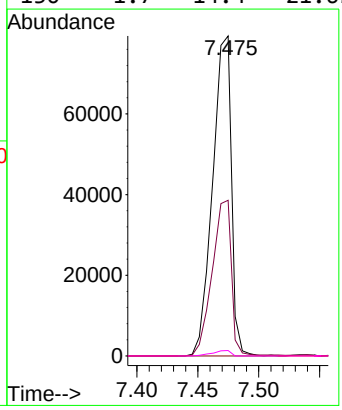


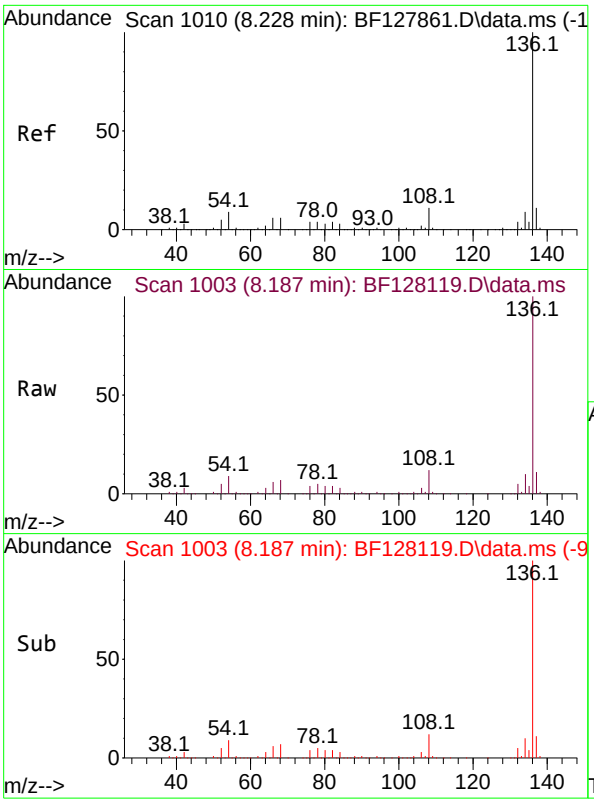




#19
n-Nitroso-di-n-propylamine
Concen: 22.936 ng
RT: 7.475 min Scan# 882
Delta R.T. 0.147 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion: 70 Resp: 85208

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 48.6 | 48.7 | 73.1# |
| 101 | 0.0 | 7.2 | 10.8# |
| 130 | 1.7 | 14.4 | 21.6# |



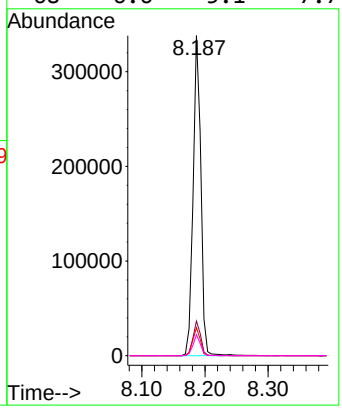


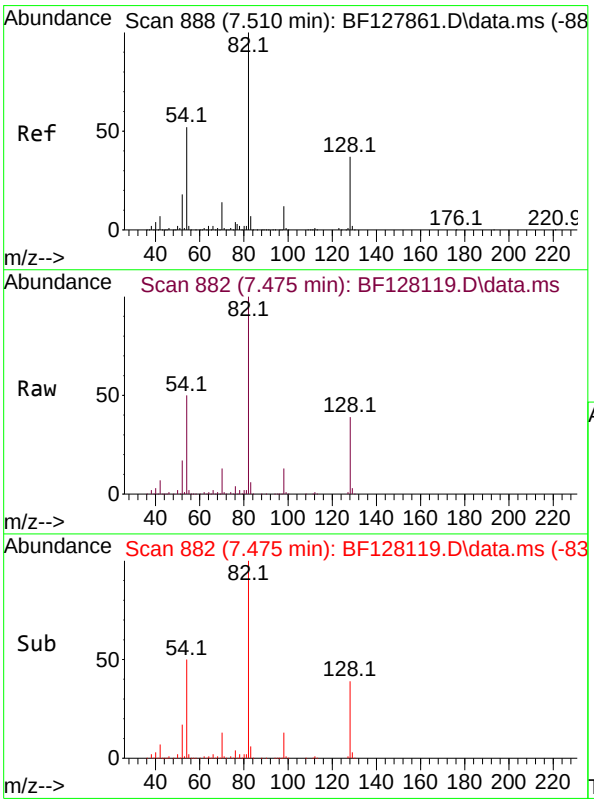

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion:136 Resp: 288243

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.6 | 13.0 |
| 54 | 8.8 | 6.8 | 10.2 |
| 68 | 6.6 | 5.1 | 7.7 |

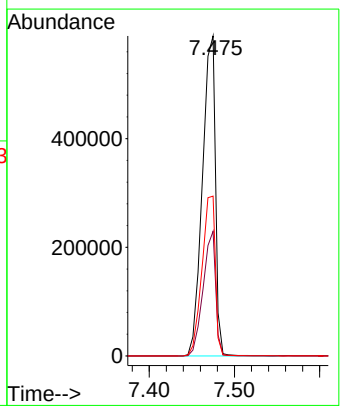


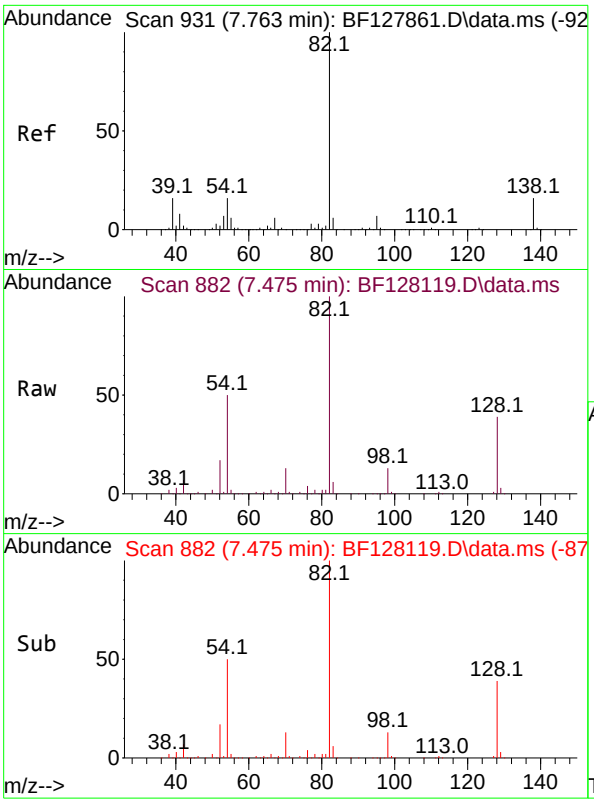




#23
Nitrobenzene-d5
Concen: 102.186 ng
RT: 7.475 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion: 82 Resp: 626370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.0 | 30.0 | 45.0 |
| 54 | 49.9 | 41.3 | 61.9 |



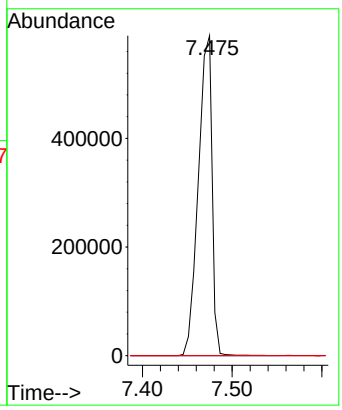


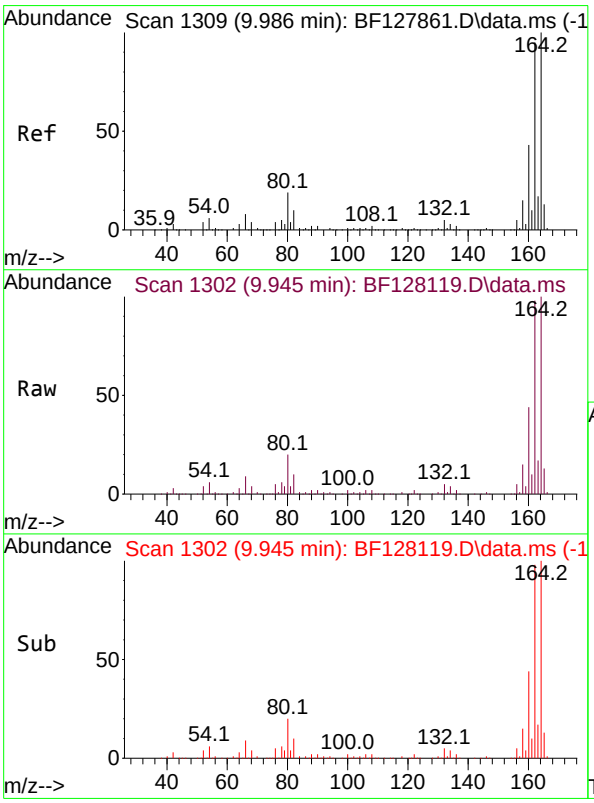

#25
Isophorone
Concen: 60.713 ng
RT: 7.475 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion: 82 Resp: 626360

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 12.5 | 18.7# |

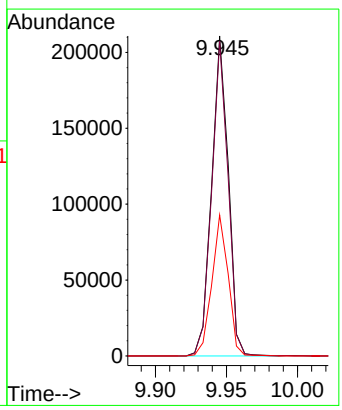


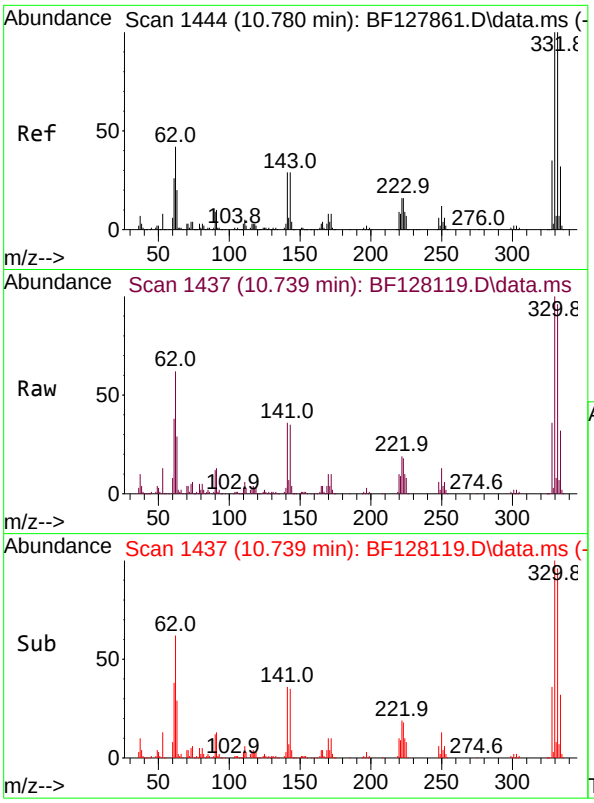




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:164 Resp: 171255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.4 | 76.0 | 114.0 |
| 160 | 44.1 | 34.8 | 52.2 |



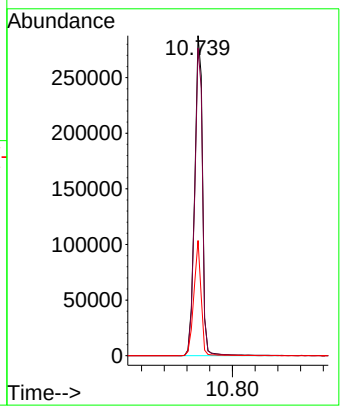


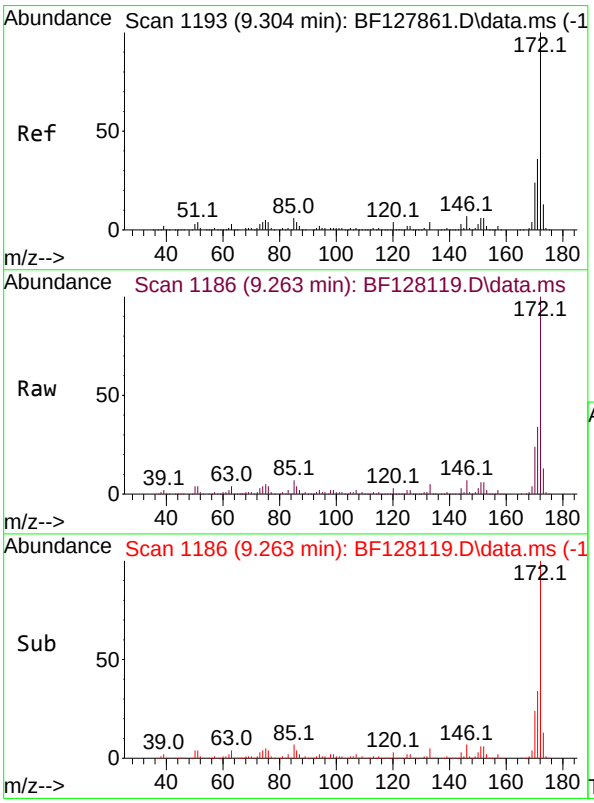

#42
2,4,6-Tribromophenol
Concen: 161.138 ng
RT: 10.739 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion:330 Resp: 277797

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 95.7 | 79.0 | 118.4 |
| 141 | 33.0 | 28.9 | 43.3 |

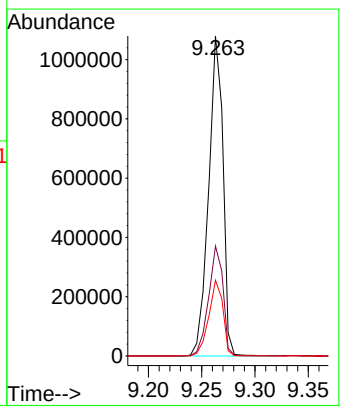


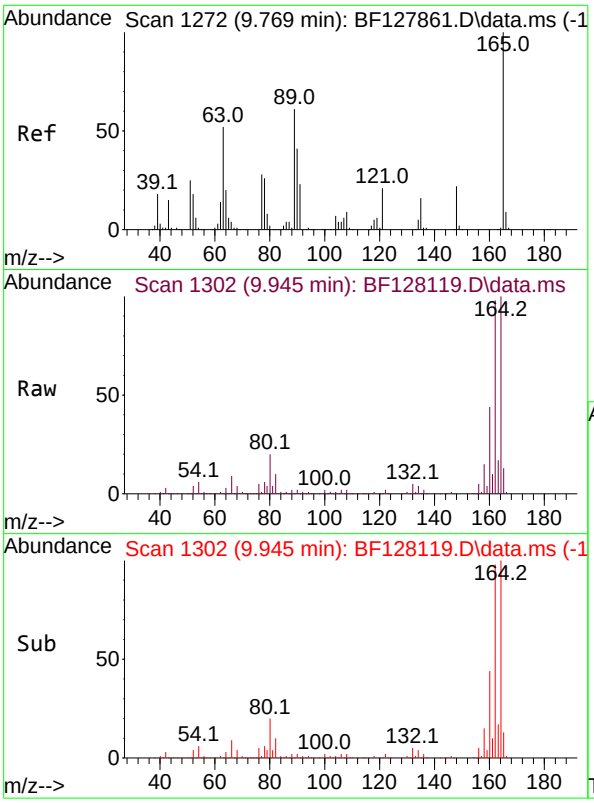




#45
2-Fluorobiphenyl
Concen: 100.073 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:172 Resp: 1013035

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 28.6 | 42.8 |
| 170 | 23.7 | 19.1 | 28.7 |



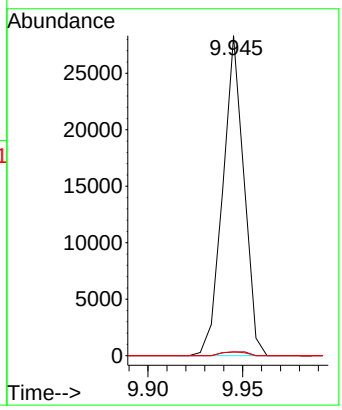


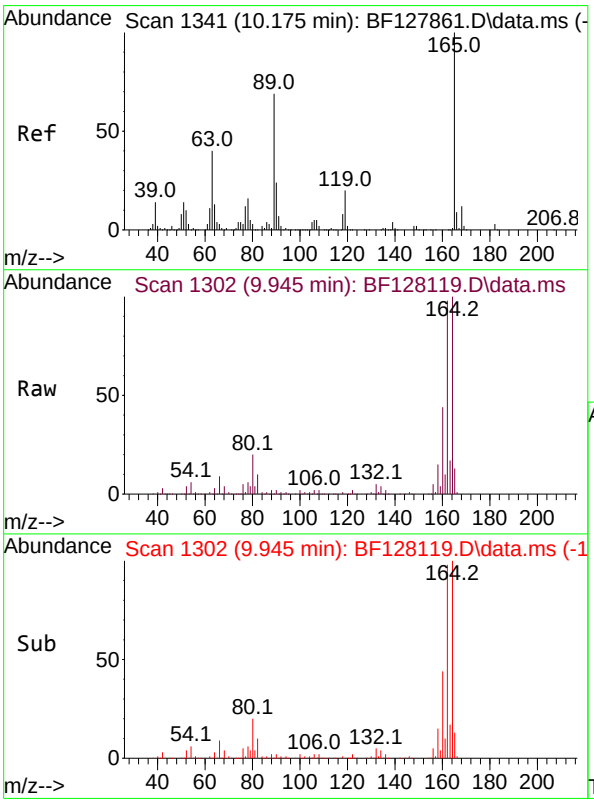

#51
2,6-Dinitrotoluene
Concen: 8.838 ng
RT: 9.945 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion:165 Resp: 21977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 49.5 | 74.3# |
| 89 | 1.2 | 49.0 | 73.4# |

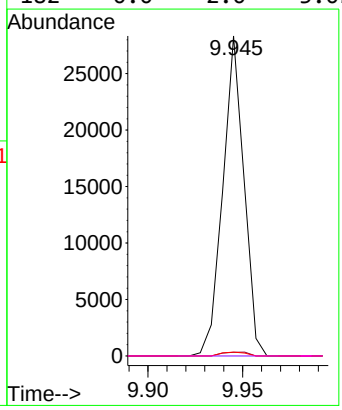


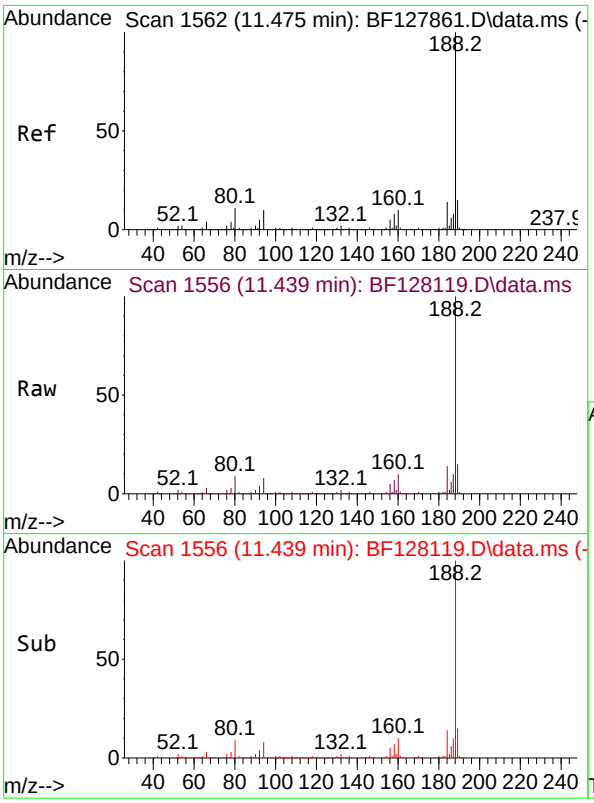




#57
2,4-Dinitrotoluene
Concen: 6.672 ng
RT: 9.945 min Scan# 1302
Delta R.T. -0.200 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:165 Resp: 21977

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.1 | 32.6 | 49.0# |
| 89 | 1.2 | 55.2 | 82.8# |
| 182 | 0.0 | 2.0 | 3.0# |



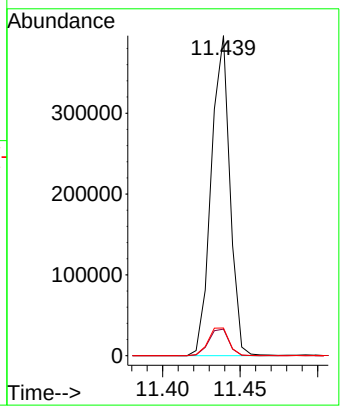


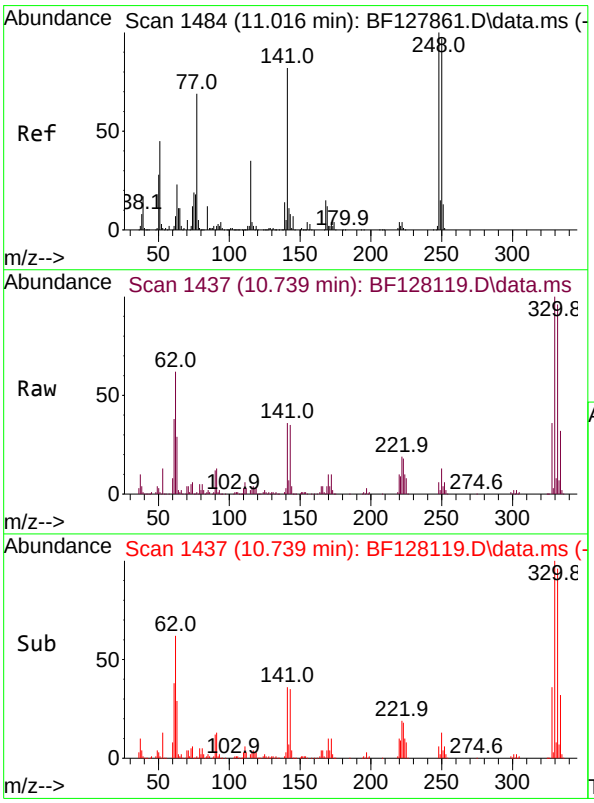

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion:188 Resp: 331609

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.3 | 8.0 | 12.0 |
| 80 | 8.6 | 8.9 | 13.3# |

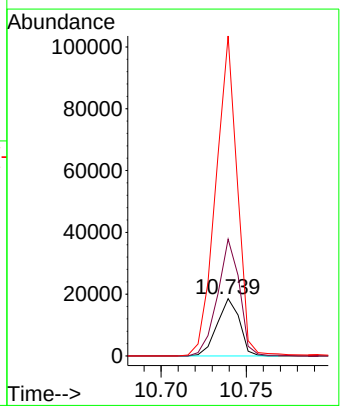


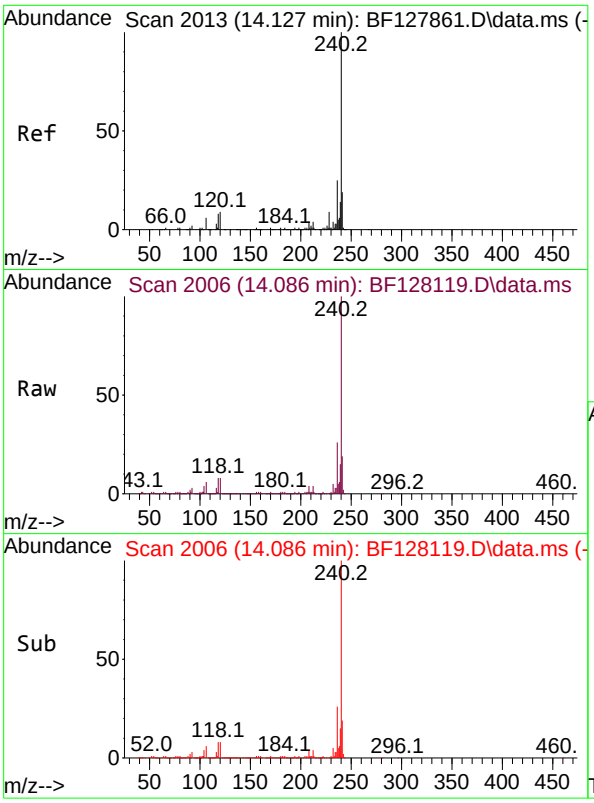




#67
4-Bromophenyl-phenylether
Concen: 4.611 ng
RT: 10.739 min Scan# 1437
Delta R.T. -0.247 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:248 Resp: 16949

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 204.2 | 77.7 | 116.5# |
| 141 | 559.1 | 65.6 | 98.4# |



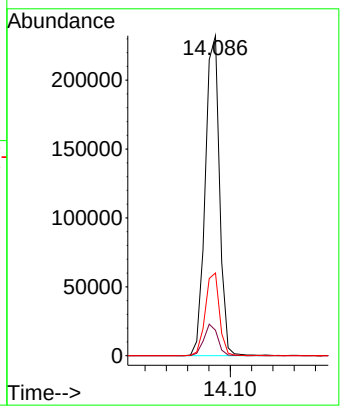


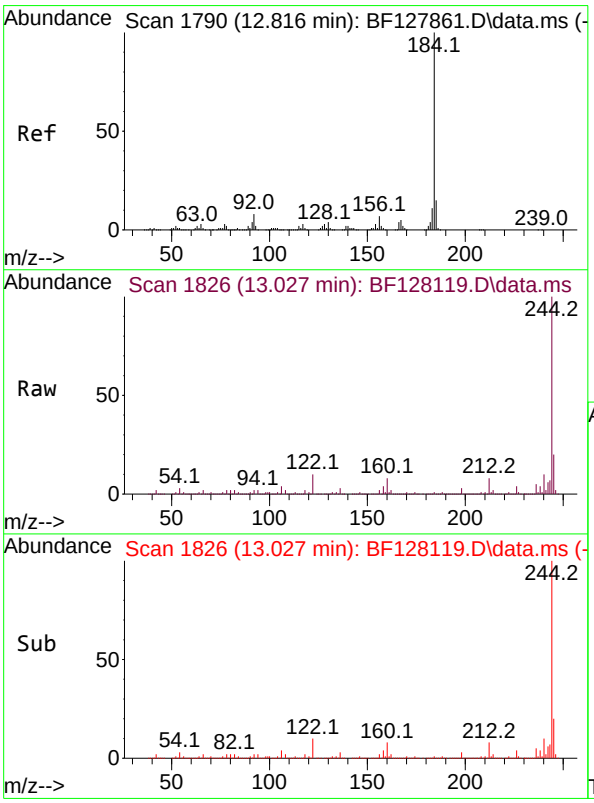

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion:240 Resp: 216172

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.9 | 7.0 | 10.6 |
| 236 | 25.9 | 20.3 | 30.5 |

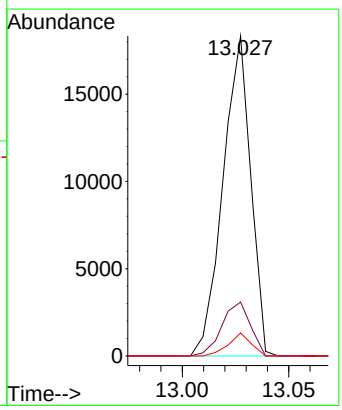


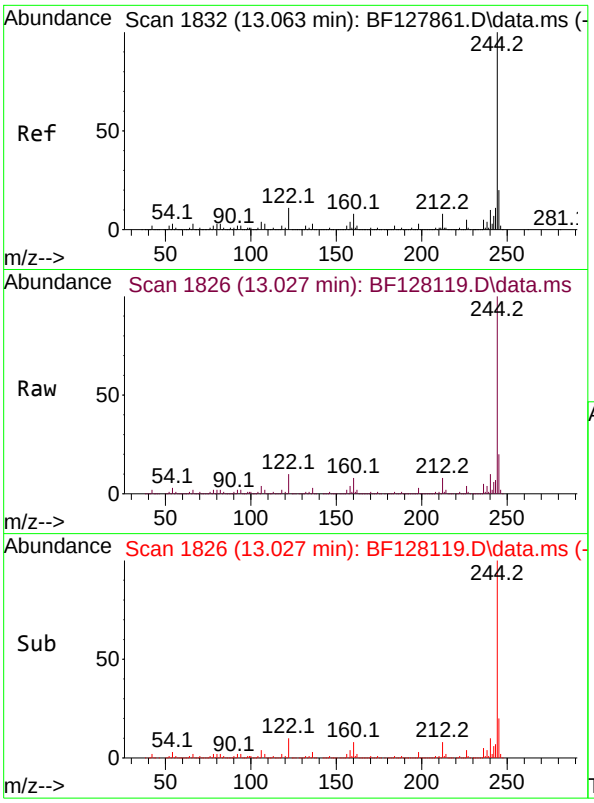




#77
Benzidine
Concen: 4.054 ng
RT: 13.027 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:184 Resp: 16580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.9 | 12.1 | 18.1 |
| 183 | 7.2 | 9.0 | 13.4# |



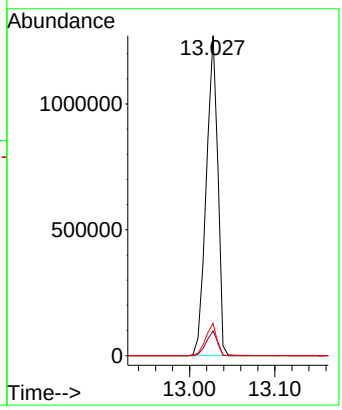


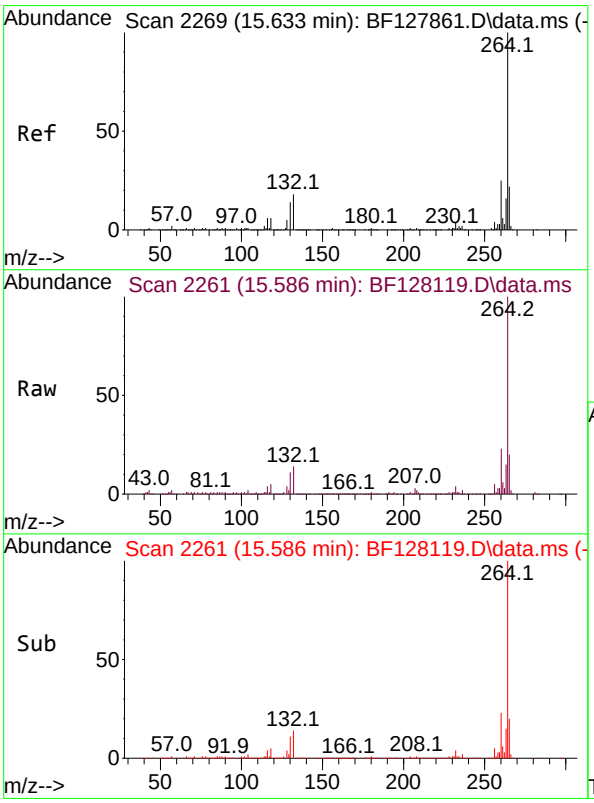

#79
Terphenyl-d14
Concen: 100.538 ng
RT: 13.027 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

**Instrument :**
MSVOA_U
**ClientSampleId :**
09

Tgt Ion:244 Resp: 1188555

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.2 | 9.4 |
| 122 | 10.1 | 8.6 | 12.8 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF128119.D
Acq: 06 May 2022 11:38

Tgt Ion:264 Resp: 164629

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 20.1 | 30.1 |
| 265 | 20.3 | 17.5 | 26.3 |