Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
Data File : BF120807.D
Acq On : 9 Jul 2020 9:39
Operator : JU/CG
Sample : PB129955BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** PB129955BL

Quant Time: Jul 09 11:34:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 149808 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 8.13 | 136 | 550356 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.88 | 164 | 264942 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 11.37 | 188 | 463839 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.00 | 240 | 316593 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.46 | 264 | 279009 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.46 | 112 | 1184476 | 122.05 | ng | 0.00 |
| 7) Phenol-d6 | 6.47 | 99 | 1415766 | 114.24 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 7.41 | 82 | 886022 | 93.27 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 10.67 | 330 | 340489 | 127.92 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.21 | 172 | 1461392 | 83.45 | ng | 0.00 |
| 79) Terphenyl-d14 | 12.96 | 244 | 1586926 | 98.14 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 7.41 | 70 | 119389 | 15.999 | ng | # 77 |
| 25) Isophorone | 7.41 | 82 | 886007 | 43.250 | ng | # 64 |
| 48) 2-Nitroaniline | 9.20 | 65 | 2417 | 3.065 | ng | # 1 |
| 51) 2,6-Dinitrotoluene | 9.88 | 165 | 33983 | 10.705 | ng | # 17 |
| 57) 2,4-Dinitrotoluene | 9.88 | 165 | 33983 | 9.722 | ng | # 15 |
| 65) 4,6-Dinitro-2-methylphenol | 10.67 | 198 | 805 | 7.360 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.67 | 248 | 20515 | 3.813 | ng | # 1 |
| 77) Benzidine | 12.96 | 184 | 23149 | 2.590 | ng | # 93 |

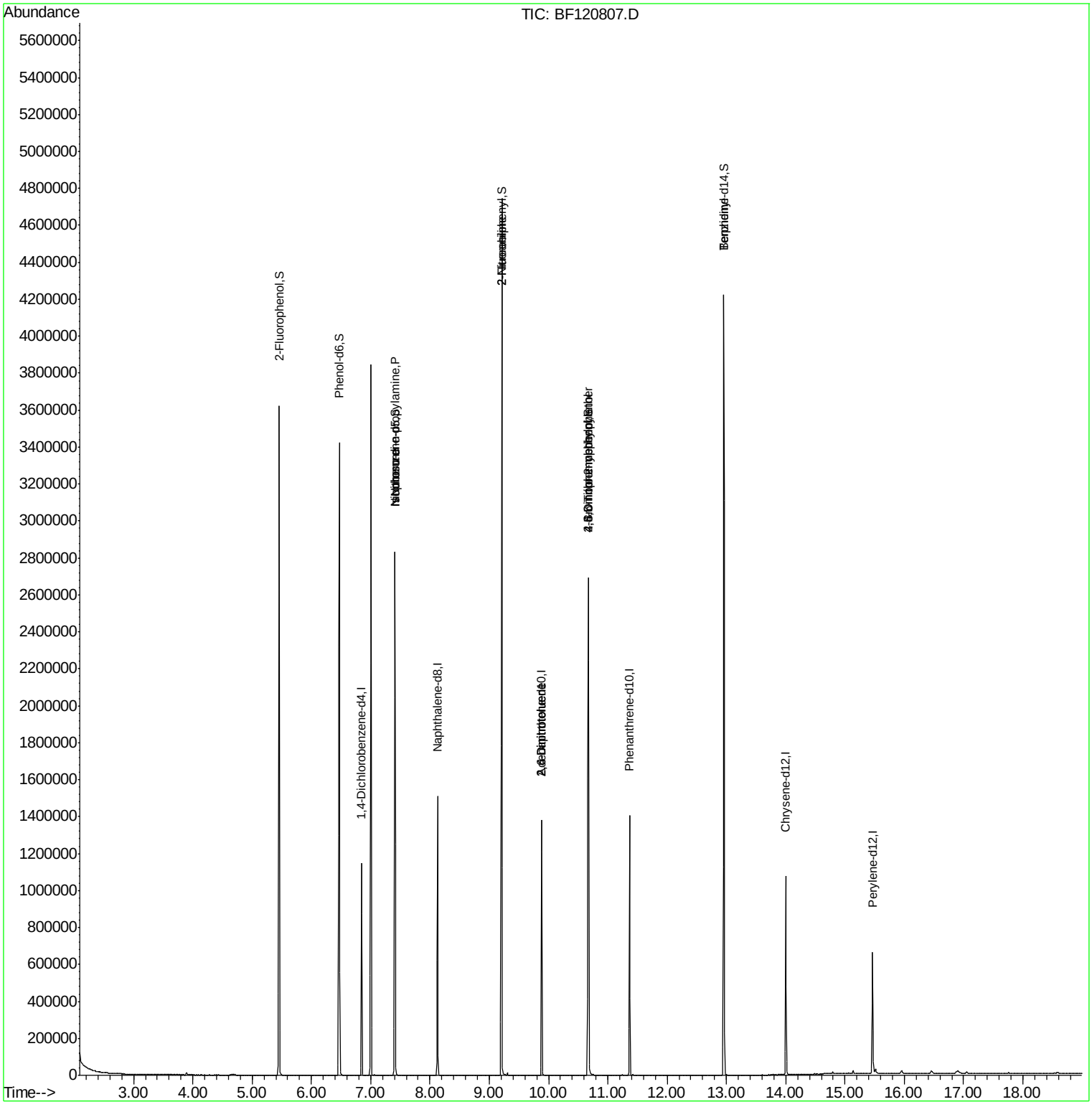
(#) = qualifier out of range (m) = manual integration (+) = signals summed

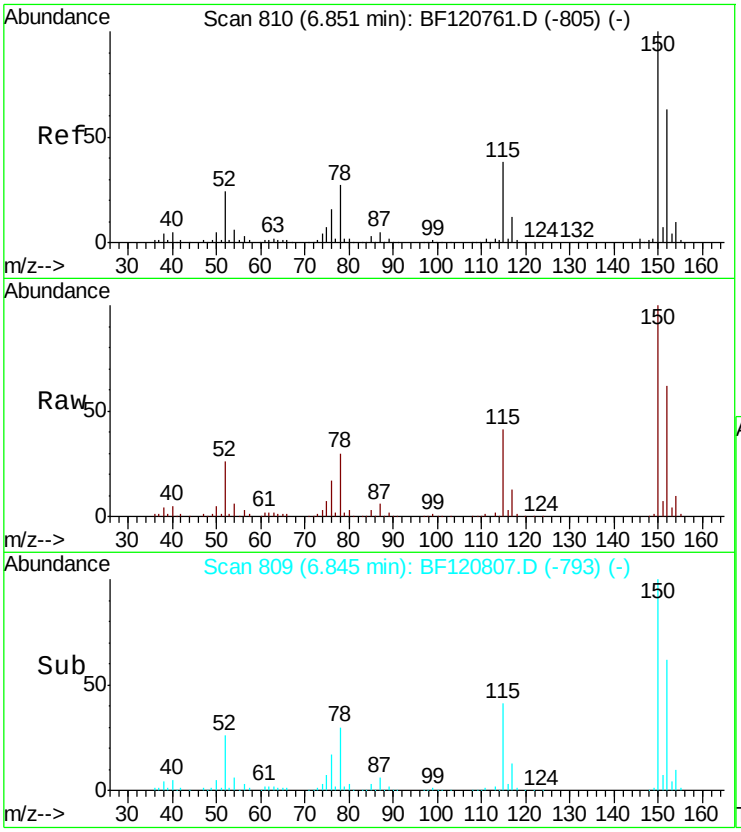
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
Data File : BF120807.D
Acq On : 9 Jul 2020 9:39
Operator : JU/CG
Sample : PB129955BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Quant Time: Jul 09 11:34:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 02 18:51:52 2020
Response via : Initial Calibration



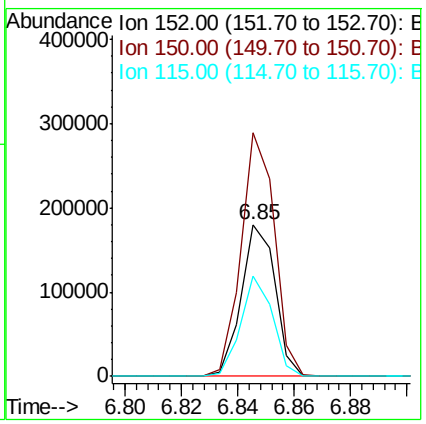


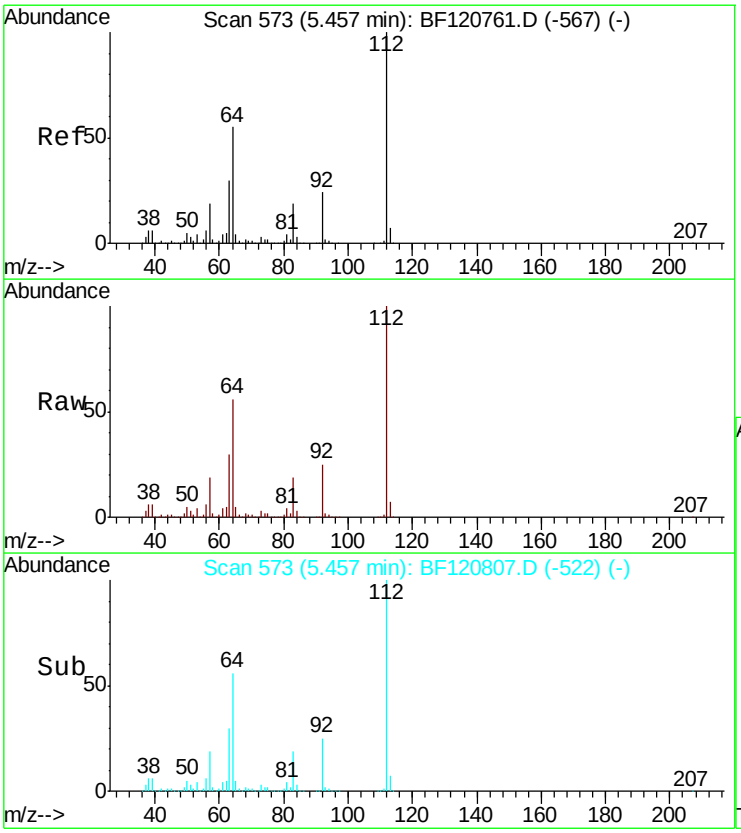

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion:152 Resp: 149808

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 160.2 | 126.1 | 189.1 |
| 115 | 65.8 | 48.5 | 72.7 |

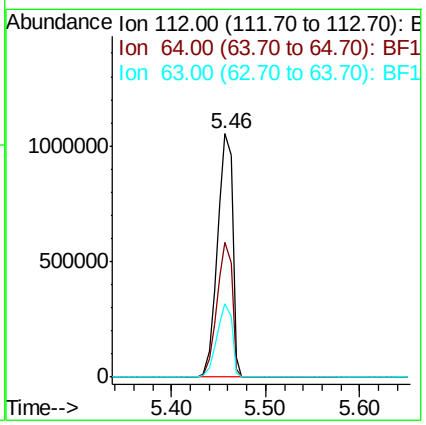


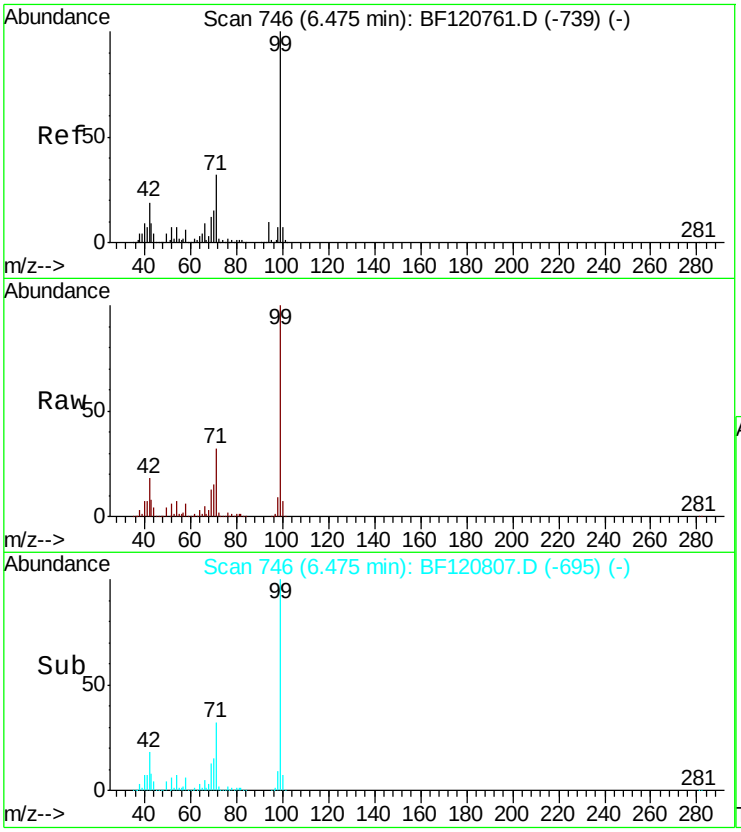




#5
2-Fluorophenol
Concen: 122.051 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion:112 Resp: 1184476

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 55.6 | 43.8 | 65.6 |
| 63 | 29.9 | 23.6 | 35.4 |



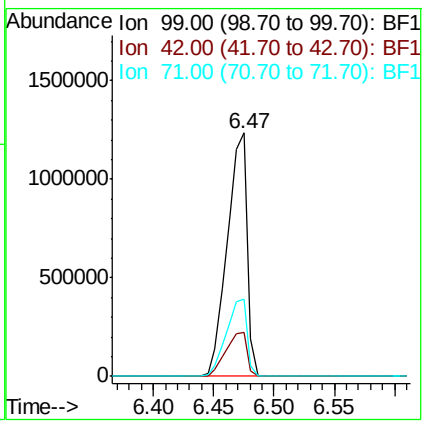


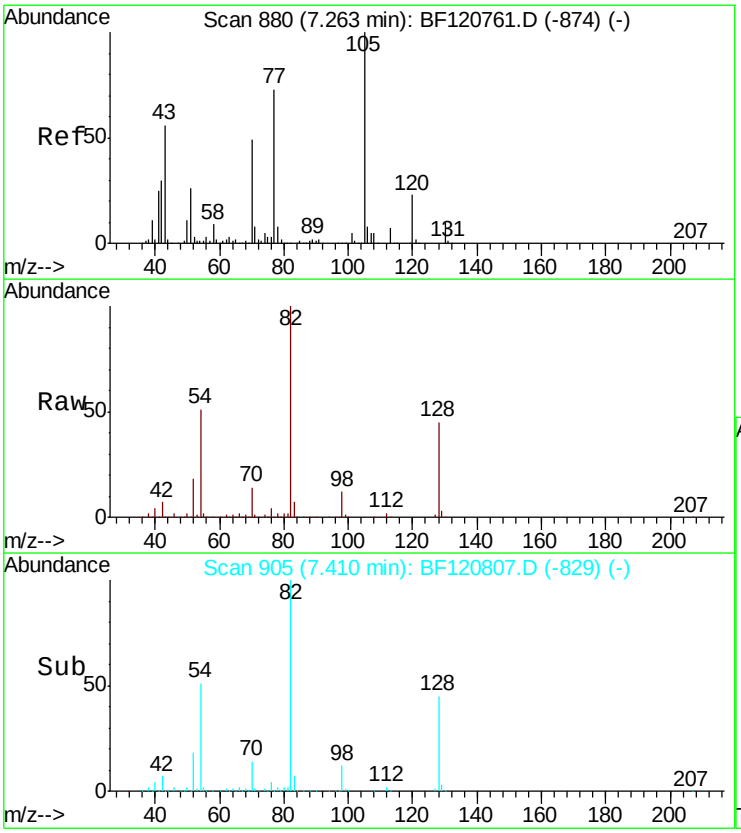

#7
Phenol-d6
Concen: 114.235 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion: 99 Resp: 1415766

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.0 | 15.4 | 23.0 |
| 71 | 31.8 | 25.9 | 38.9 |

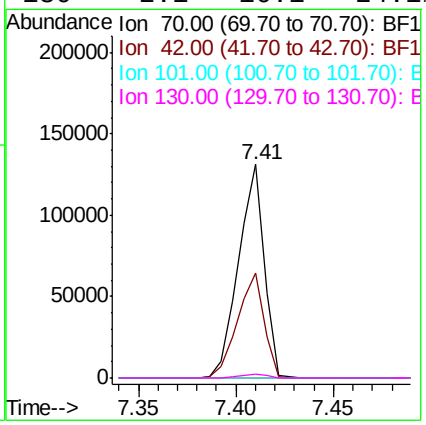


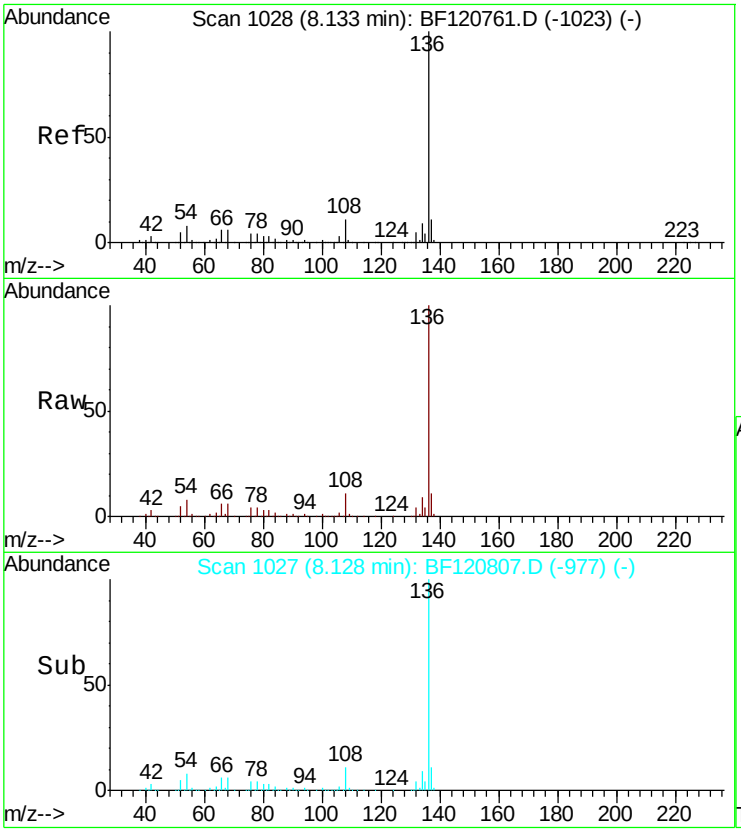




#19
n-Nitroso-di-n-propylamine
Concen: 15.999 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.15 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion: 70 Resp: 119389

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 49.0 | 50.3 | 75.5# |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 2.1 | 16.1 | 24.1# |



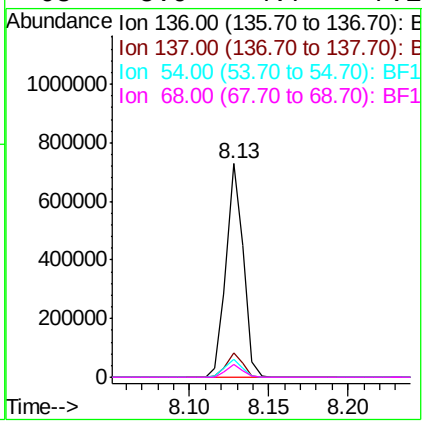


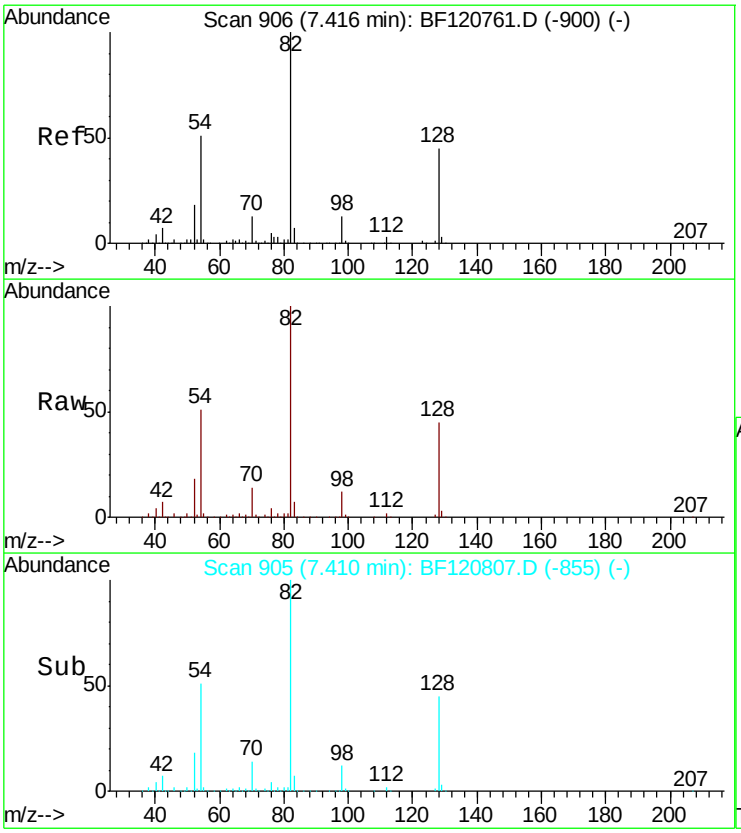

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion:136 Resp: 550356

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 9.0 | 13.6 |
| 54 | 8.2 | 6.2 | 9.4 |
| 68 | 5.9 | 4.7 | 7.1 |

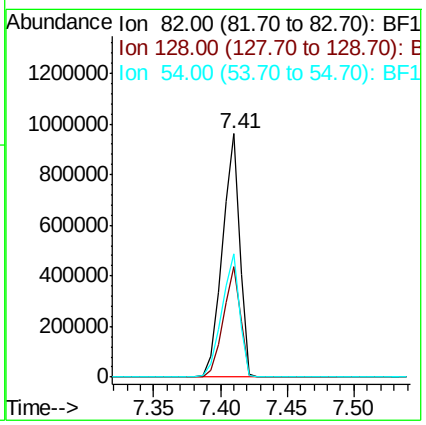


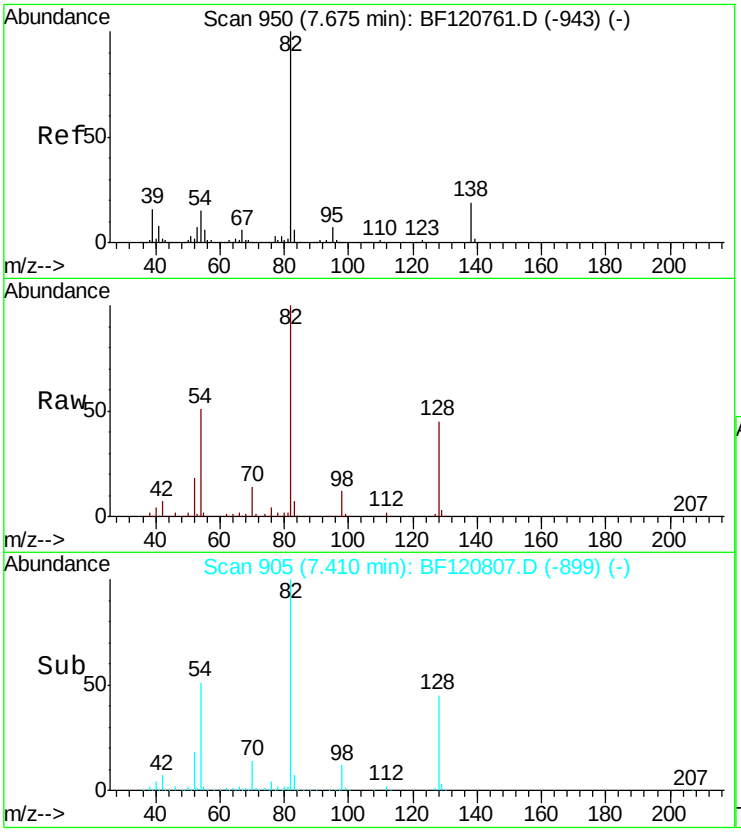




#23
Nitrobenzene-d5
Concen: 93.274 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion: 82 Resp: 886022

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 45.3 | 35.7 | 53.5 |
| 54 | 50.7 | 40.9 | 61.3 |



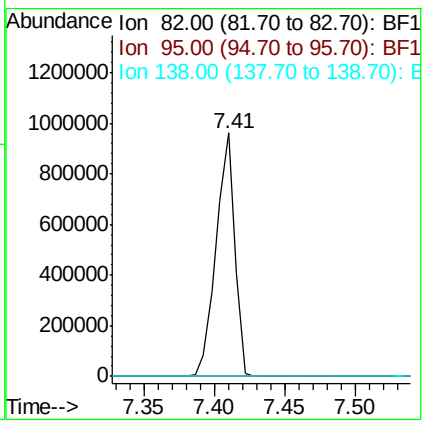


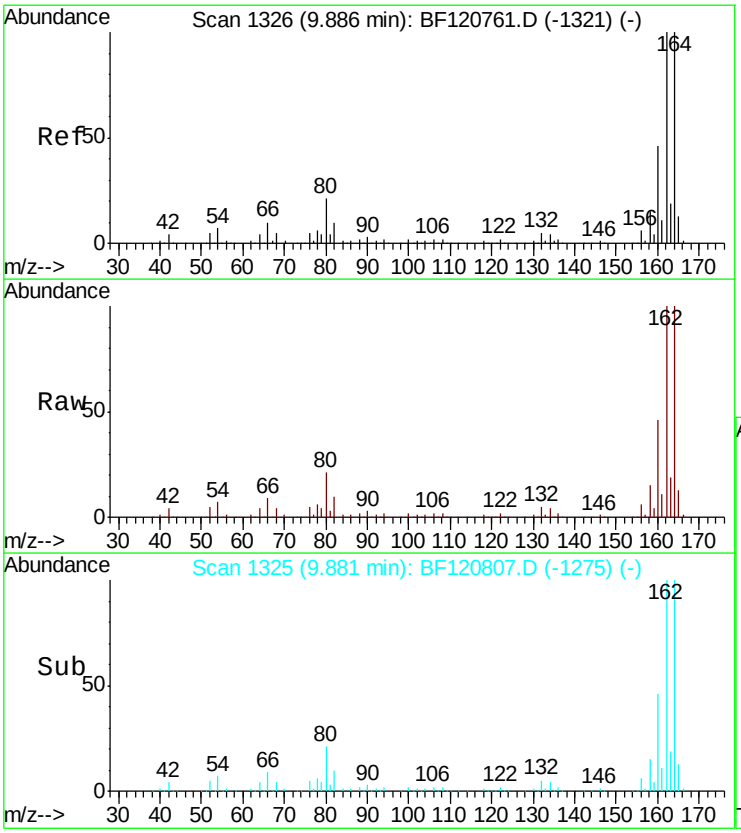

#25
Isophorone
Concen: 43.250 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.26 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion: 82 Resp: 886007

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.4 | 8.2# |
| 138 | 0.0 | 15.0 | 22.4# |

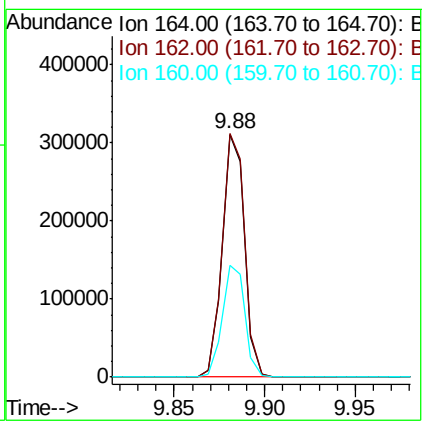


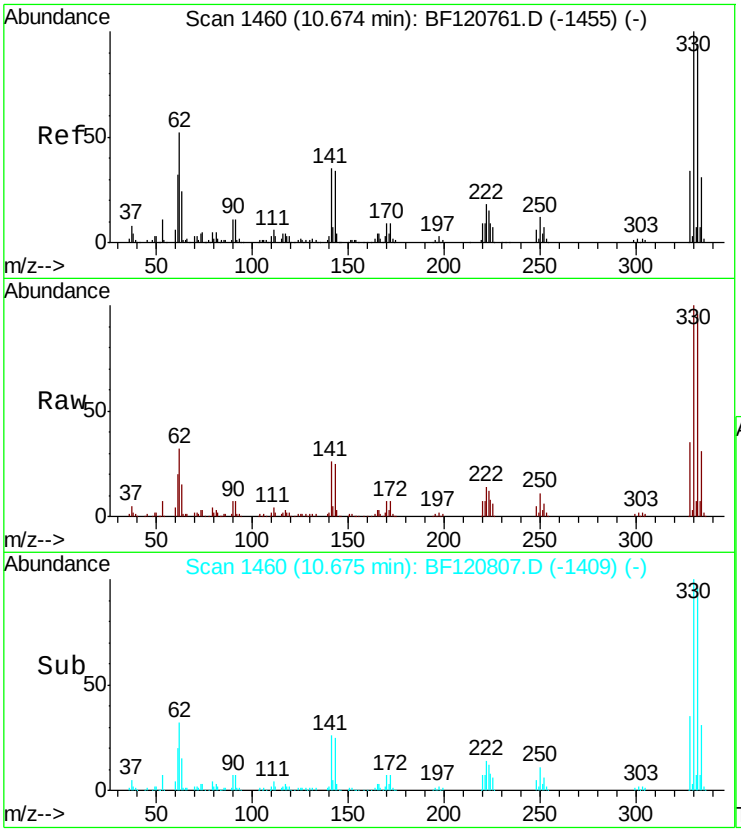




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion:164 Resp: 264942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 80.2 | 120.2 |
| 160 | 46.1 | 36.9 | 55.3 |



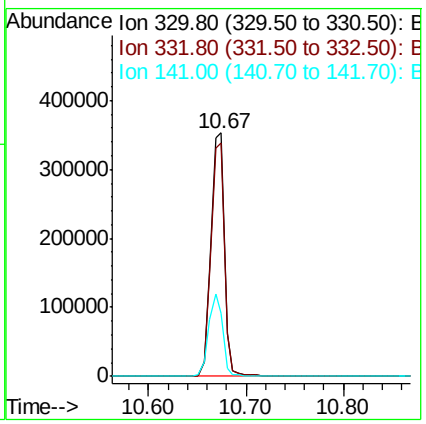


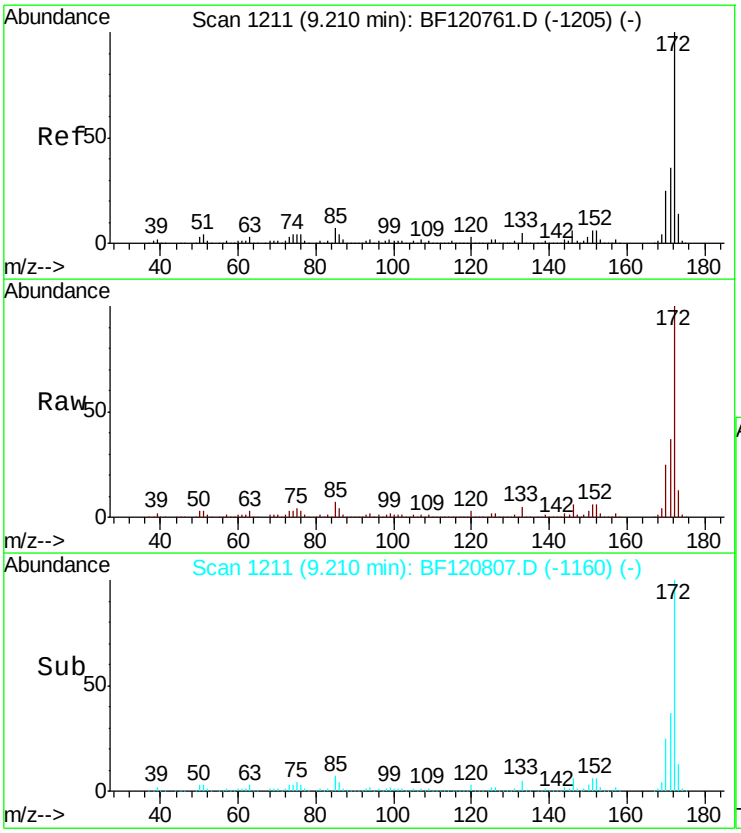

#42
2,4,6-Tribromophenol
Concen: 127.920 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion:330 Resp: 340489

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.0 | 75.8 | 113.6 |
| 141 | 35.2 | 29.7 | 44.5 |

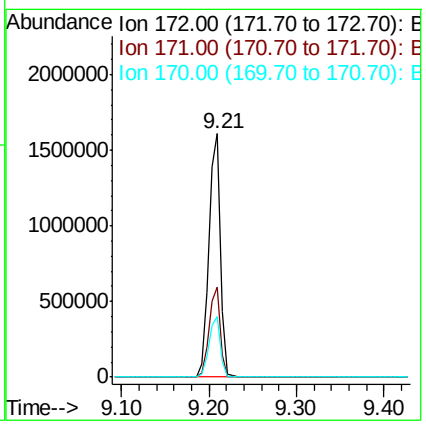


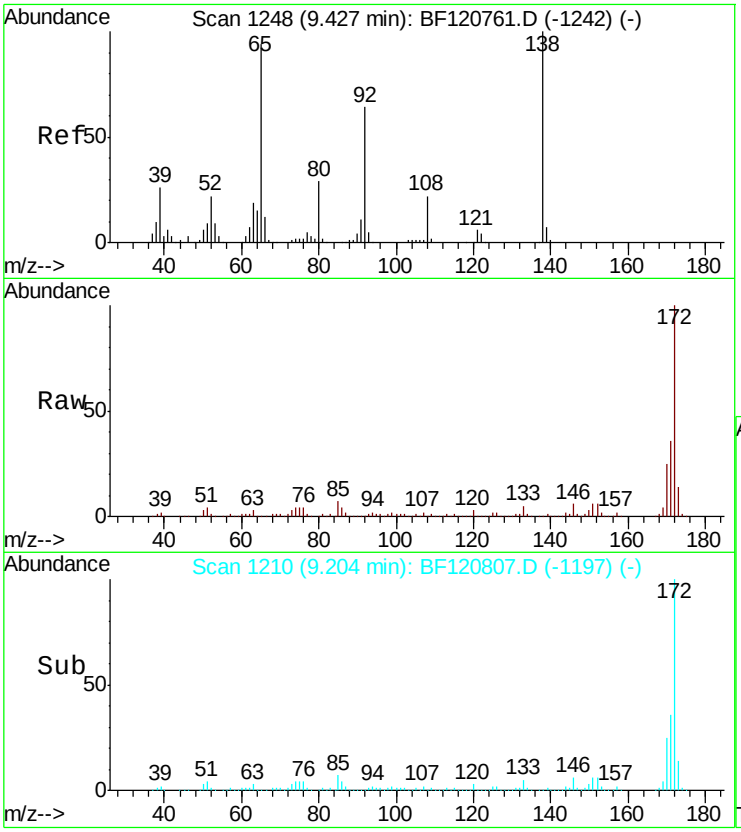




#45
2-Fluorobiphenyl
Concen: 83.452 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion:172 Resp: 1461392

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.8 | 29.1 | 43.7 |
| 170 | 25.0 | 19.8 | 29.6 |



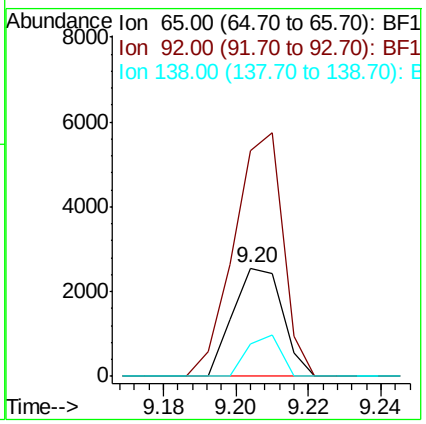


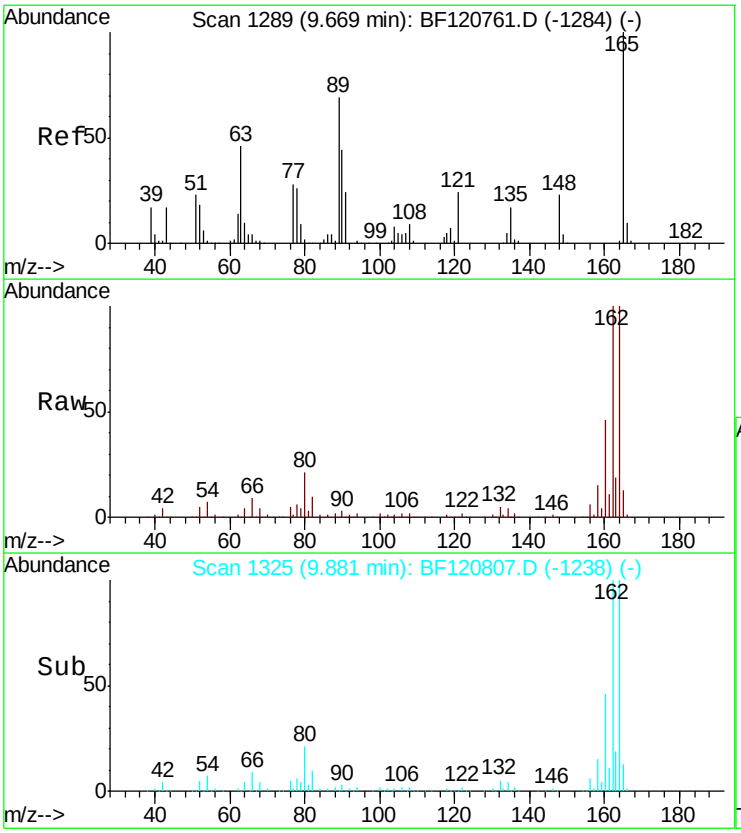

#48
2-Nitroaniline
Concen: 3.065 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.22 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion: 65 Resp: 2417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 208.2 | 54.4 | 81.6# |
| 138 | 29.6 | 84.7 | 127.1# |

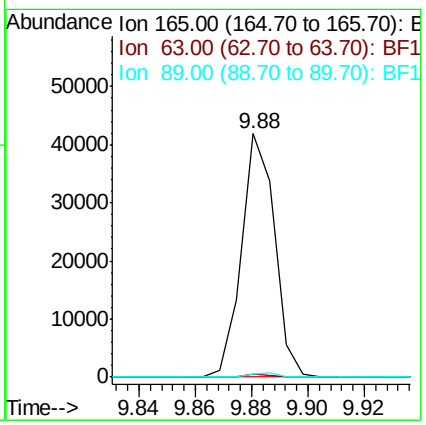


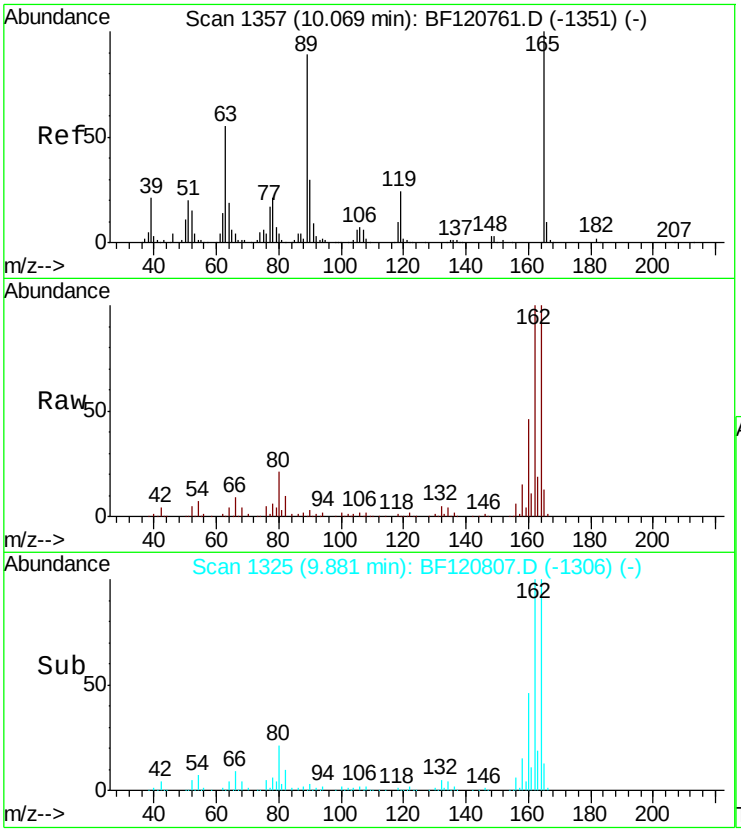




#51
2,6-Dinitrotoluene
Concen: 10.705 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.21 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion:165 Resp: 33983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 54.0 | 81.0# |
| 89 | 1.4 | 55.4 | 83.2# |



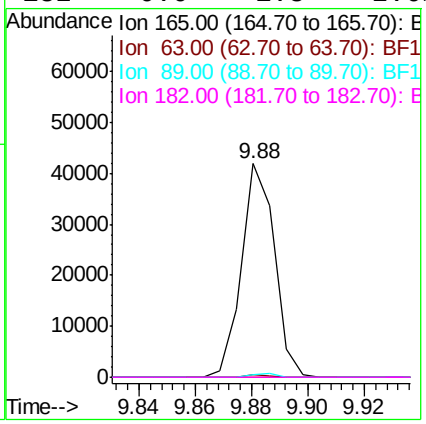


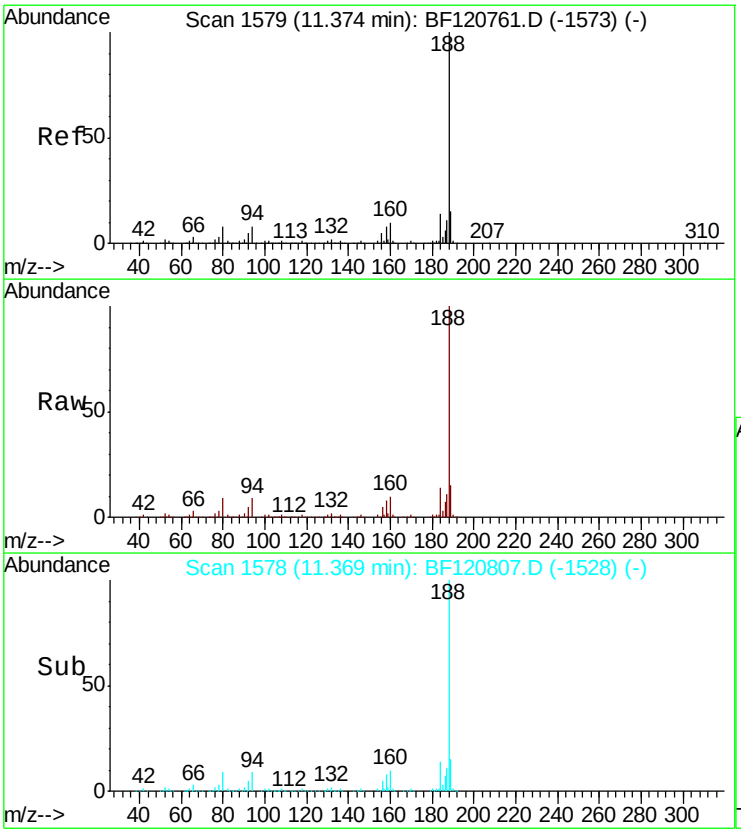

#57
2,4-Dinitrotoluene
Concen: 9.722 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.19 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion:165 Resp: 33983

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.3 | 43.8 | 65.8# |
| 89 | 1.4 | 71.4 | 107.2# |
| 182 | 0.0 | 1.8 | 2.6# |

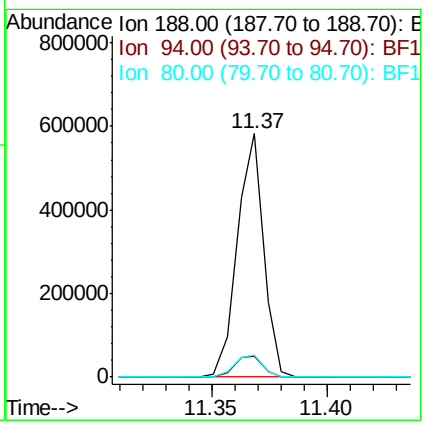


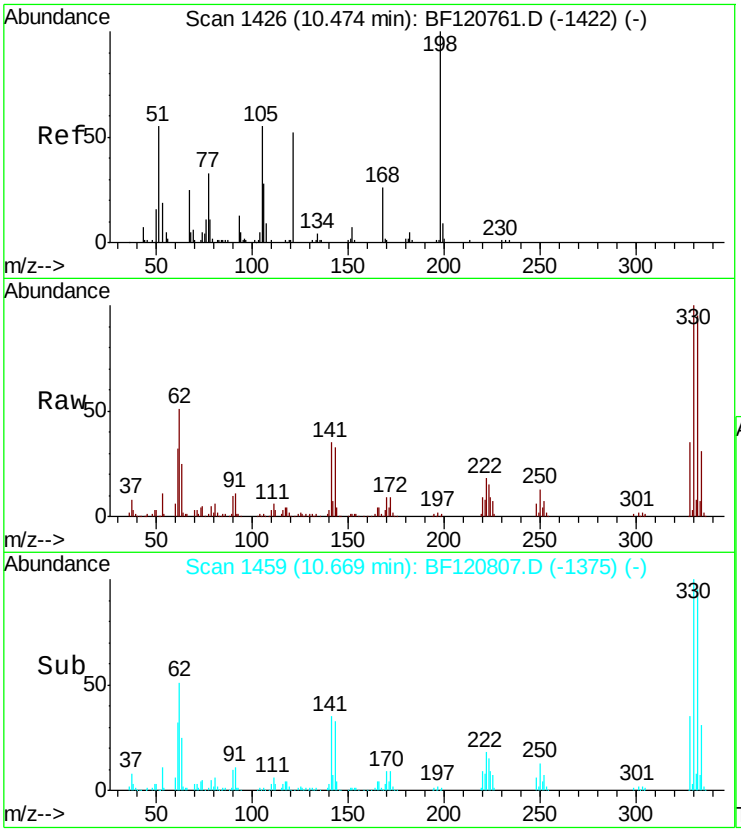




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion:188 Resp: 463839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.8 | 6.6 | 9.8 |
| 80 | 9.1 | 6.6 | 10.0 |



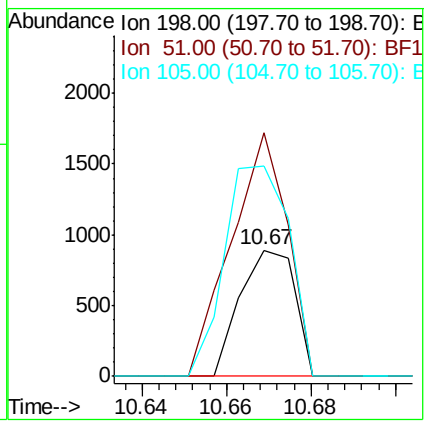


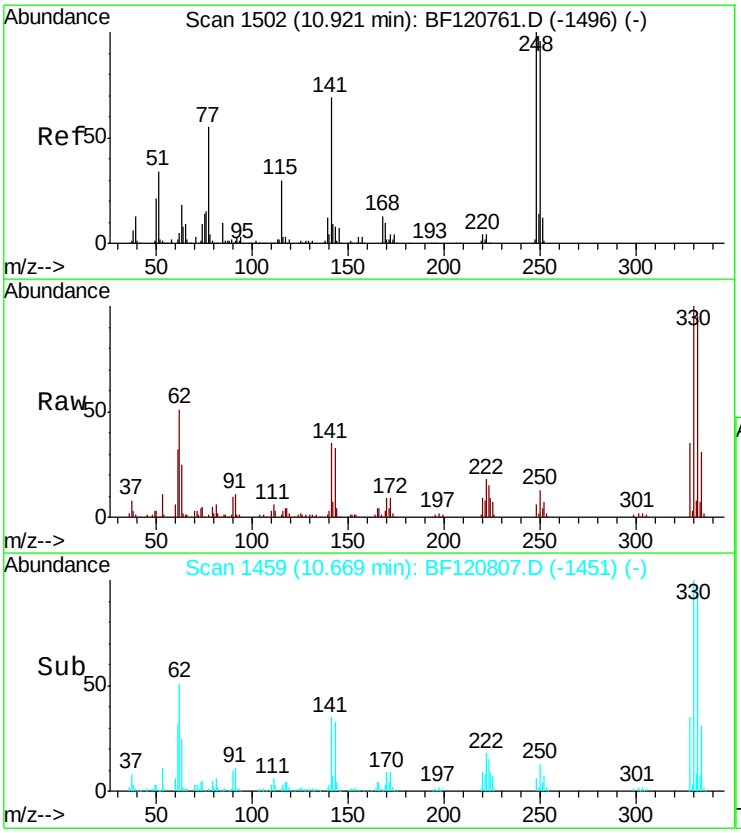

#65
4,6-Dinitro-2-methylphenol
Concen: 7.360 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.19 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion:198 Resp: 805

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 193.6 | 50.0 | 90.0# |
| 105 | 166.7 | 38.3 | 78.3# |

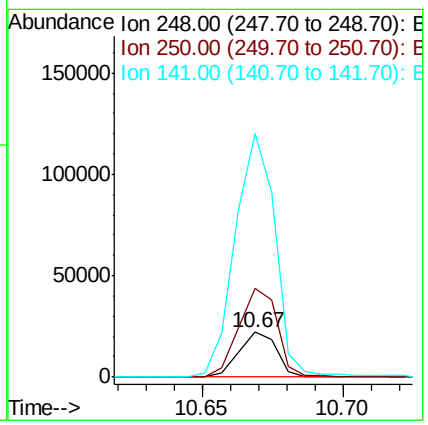


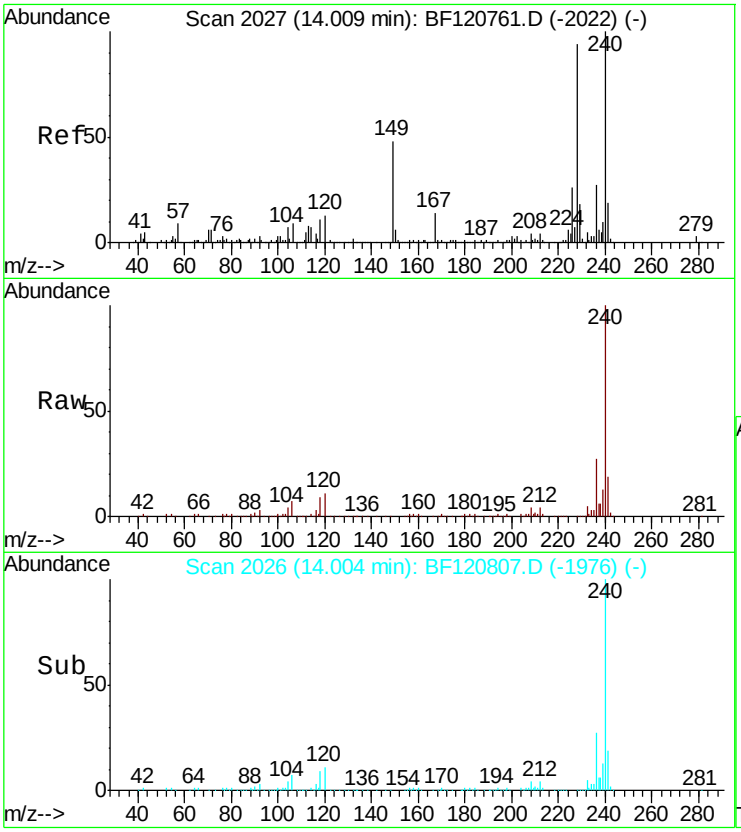




#67
4-Bromophenyl-phenylether
Concen: 3.813 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.25 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion:248 Resp: 20515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 197.2 | 76.5 | 114.7# |
| 141 | 544.5 | 54.9 | 82.3# |



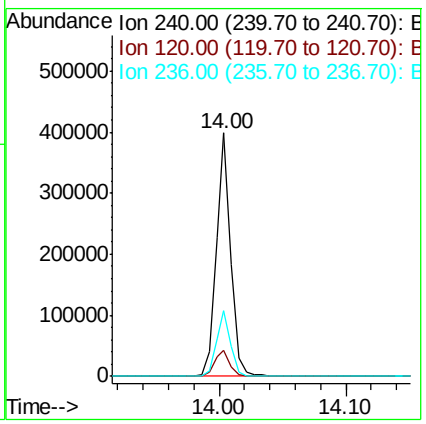


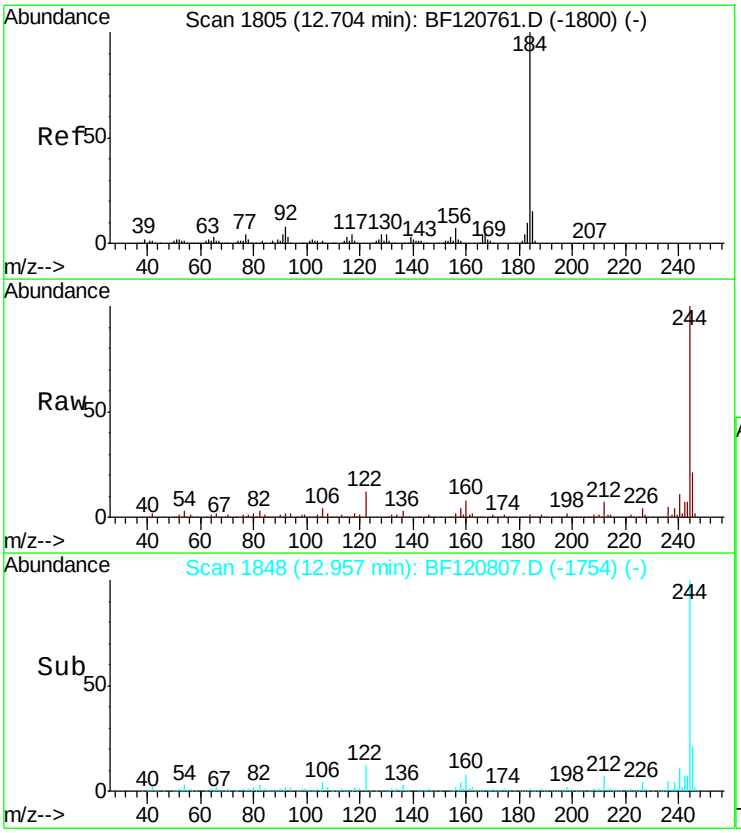

#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion:240 Resp: 316593

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.6 | 10.3 | 15.5 |
| 236 | 26.8 | 21.4 | 32.2 |

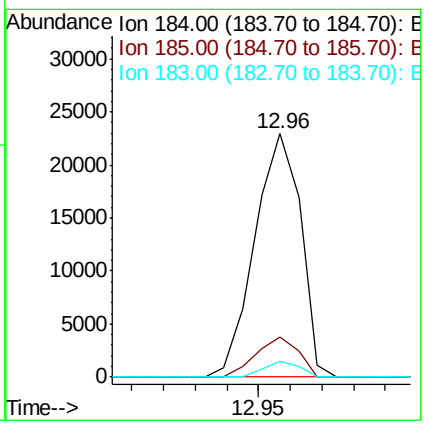


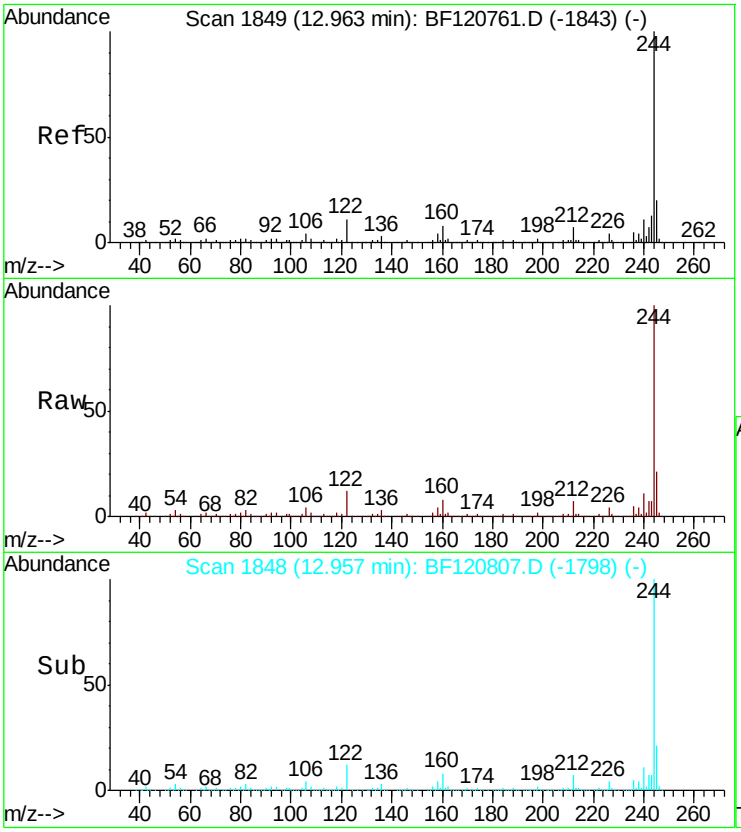




#77
Benzidine
Concen: 2.590 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.25 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion:184 Resp: 23149

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.5 | 11.8 | 17.8 |
| 183 | 6.5 | 8.3 | 12.5# |



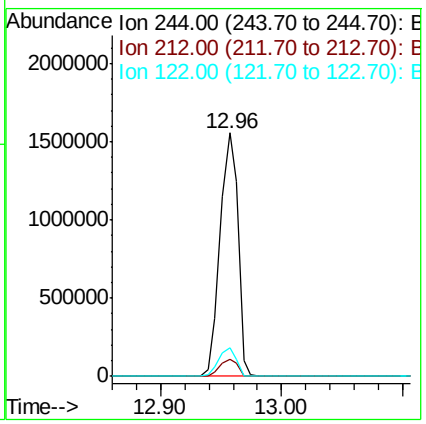


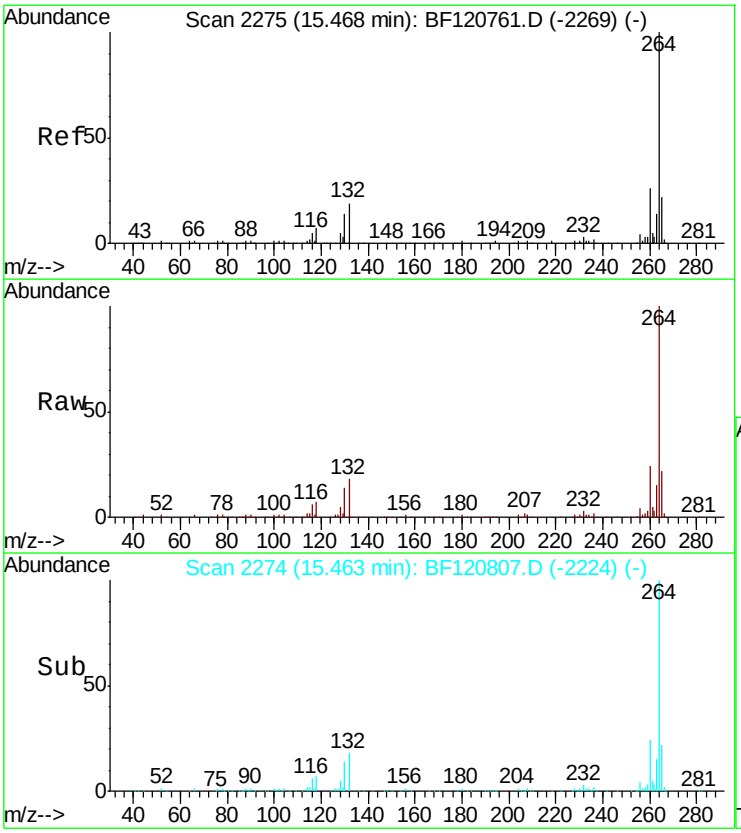

#79
Terphenyl-d14
Concen: 98.139 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

**Instrument :**
BNA_F
**ClientSampleId :**
PB129955BL

Tgt Ion:244 Resp: 1586926

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.1 | 5.6 | 8.4 |
| 122 | 11.5 | 9.0 | 13.4 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120807.D
Acq: 9 Jul 2020 9:39

Tgt Ion:264 Resp: 279009

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 20.6 | 30.8 |
| 265 | 21.7 | 17.6 | 26.4 |