Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121499.D
Acq On : 1 Sep 2020 16:32
Operator : JU/CG
Sample : L3848-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_F
**ClientSampleId :** LINDEN-BH-03-A

Quant Time: Sep 01 17:06:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 6.85 | 152 | 271891 | 20.00 | ng | -0.01 |
| 21) Naphthalene-d8 | 8.14 | 136 | 1026094 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 9.89 | 164 | 548199 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 11.38 | 188 | 1023514 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 14.02 | 240 | 737415 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 15.50 | 264 | 734557 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.47 | 112 | 1294416 | 79.87 | ng | 0.00 |
| 7) Phenol-d6 | 6.48 | 99 | 1715051 | 75.73 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 7.42 | 82 | 1109274 | 73.91 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 10.69 | 330 | 531895 | 96.06 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 9.22 | 172 | 2101370 | 61.85 | ng | -0.01 |
| 79) Terphenyl-d14 | 12.97 | 244 | 2078738 | 59.34 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.48 | 77 | 2747 | Below Cal | # | 2 |
| 19) n-Nitroso-di-n-propylamine | 7.42 | 70 | 145190 | 11.472 | ng | # 78 |
| 25) Isophorone | 7.42 | 82 | 1093896 | 32.404 | ng | # 64 |
| 32) Benzoic acid | 8.14 | 122 | 118 | 6.677 | ng | # 1 |
| 48) 2-Nitroaniline | 9.33 | 65 | 714 | 6.712 | ng | # 5 |
| 50) Dimethylphthalate | 9.61 | 163 | 464067 | 12.324 | ng | 99 |
| 51) 2,6-Dinitrotoluene | 9.61 | 165 | 5065 | 7.041 | ng | # 22 |
| 56) 4-Nitrophenol | 10.10 | 139 | 110 | 7.870 | ng | # 6 |
| 57) 2,4-Dinitrotoluene | 9.89 | 165 | 72138 | 14.320 | ng | # 21 |
| 65) 4,6-Dinitro-2-methylphenol | 10.68 | 198 | 964 | 5.958 | ng | # 1 |
| 67) 4-Bromophenyl-phenylether | 10.68 | 248 | 30802 | 2.736 | ng | # 1 |
| 80) Butylbenzylphthalate | 13.46 | 149 | 43962 | 2.167 | ng | # 42 |

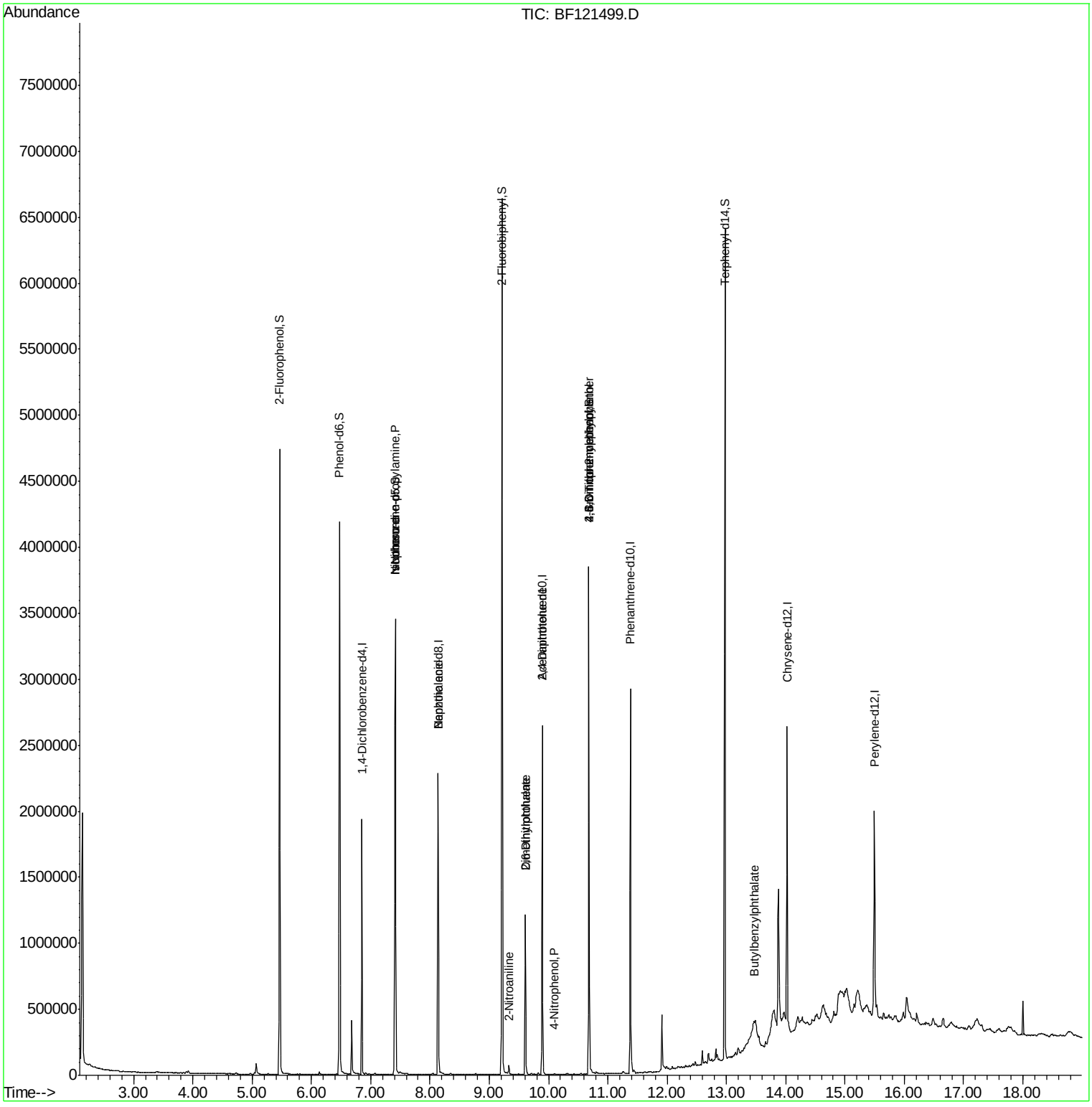
(#) = qualifier out of range (m) = manual integration (+) = signals summed

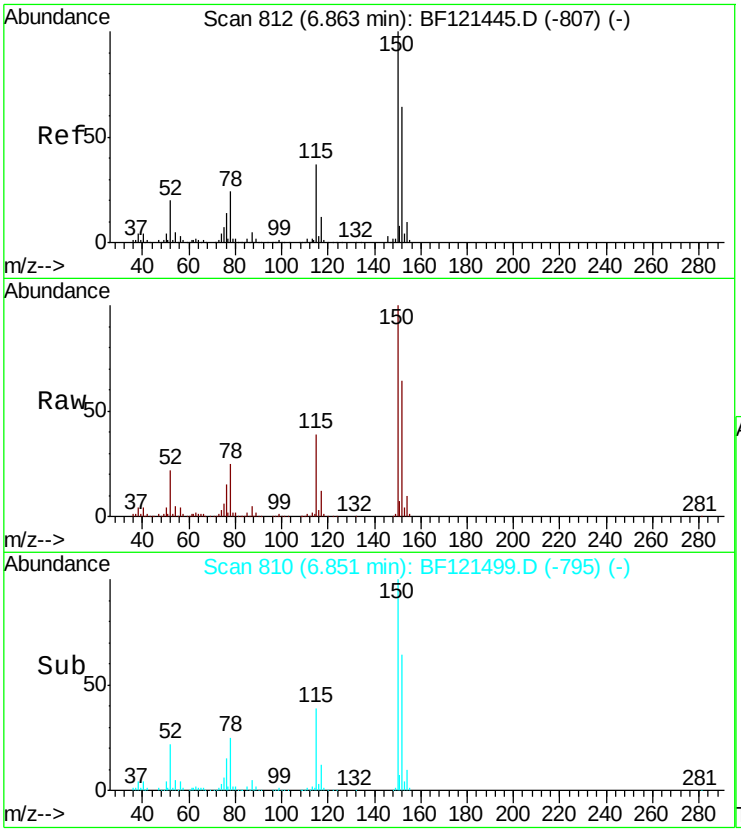
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090120\
Data File : BF121499.D
Acq On : 1 Sep 2020 16:32
Operator : JU/CG
Sample : L3848-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Quant Time: Sep 01 17:06:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 28 09:25:49 2020
Response via : Initial Calibration



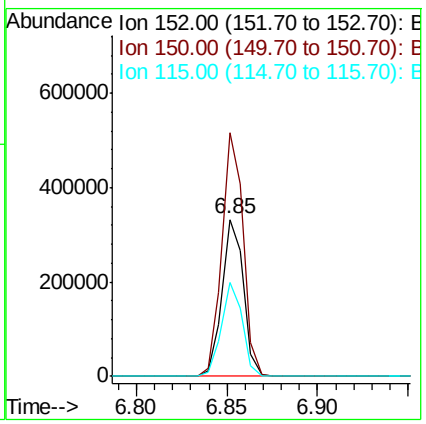


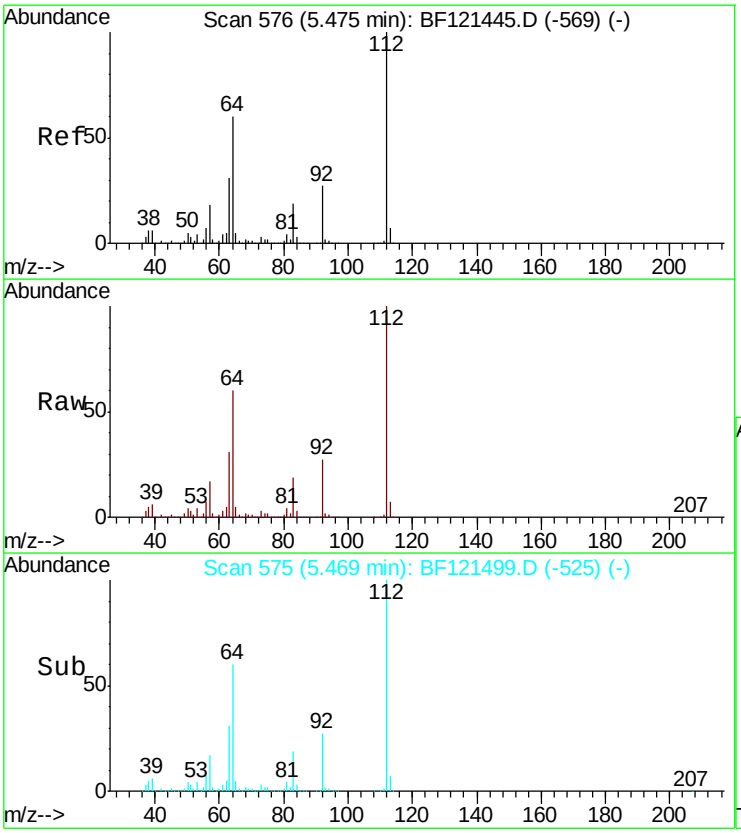

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:152 Resp: 271891

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.5 | 125.8 | 188.6 |
| 115 | 60.2 | 46.6 | 69.8 |

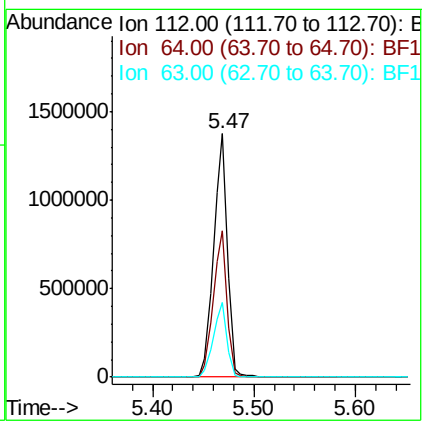


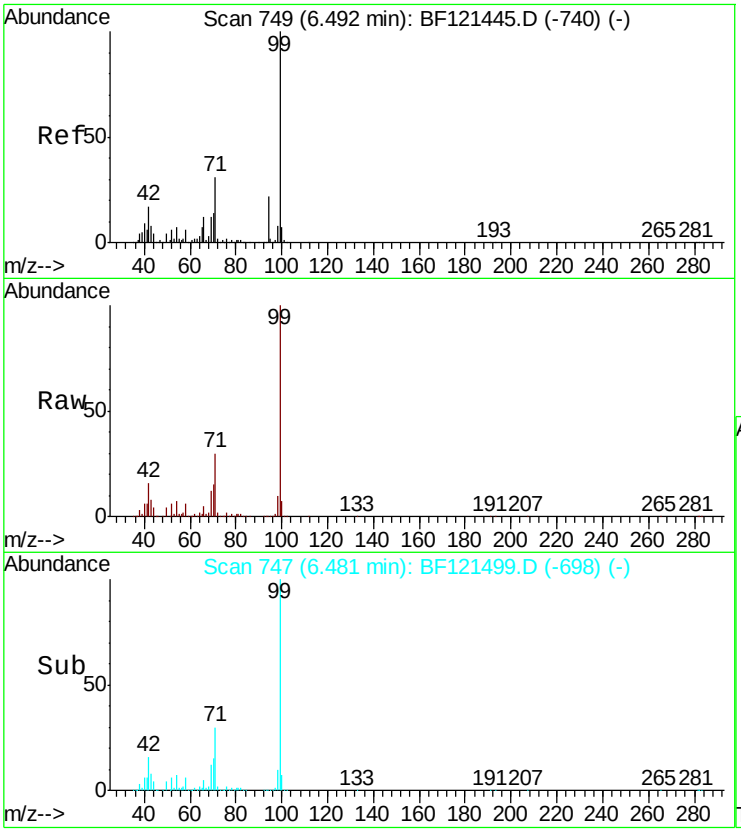




#5
2-Fluorophenol
Concen: 79.874 ng
RT: 5.47 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:112 Resp: 1294416

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 59.9 | 48.2 | 72.2 |
| 63 | 30.5 | 24.8 | 37.2 |



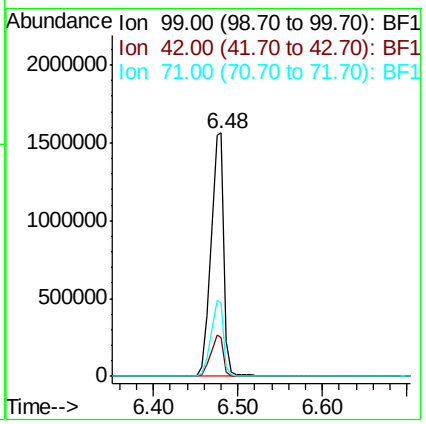


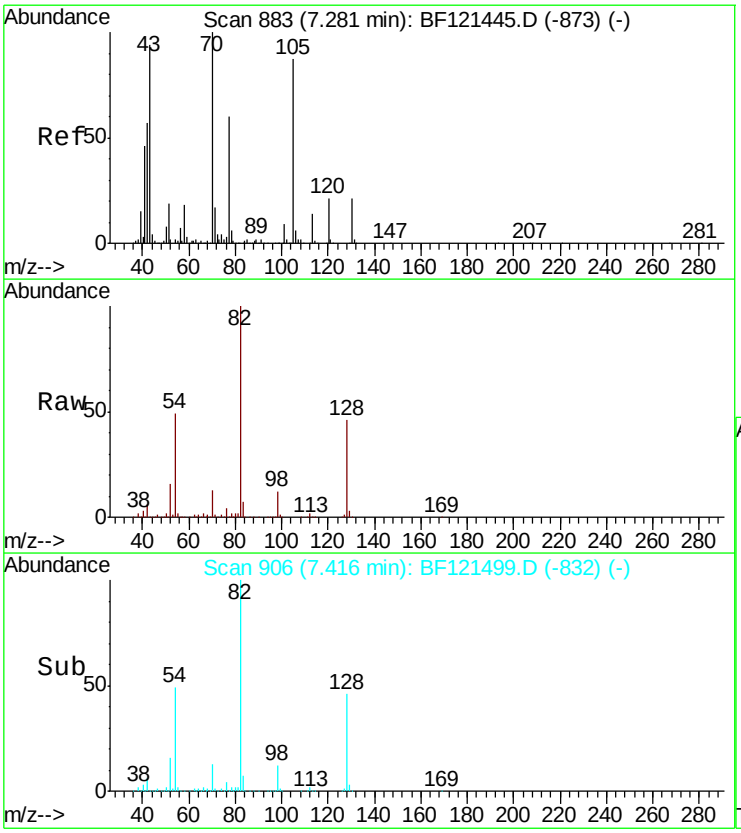

#7
Phenol-d6
Concen: 75.730 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion: 99 Resp: 1715051

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.1 | 13.5 | 20.3 |
| 71 | 30.0 | 24.6 | 37.0 |

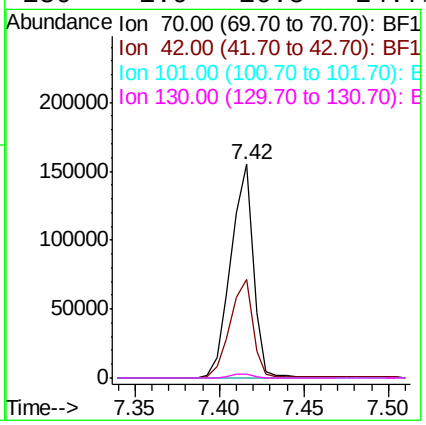


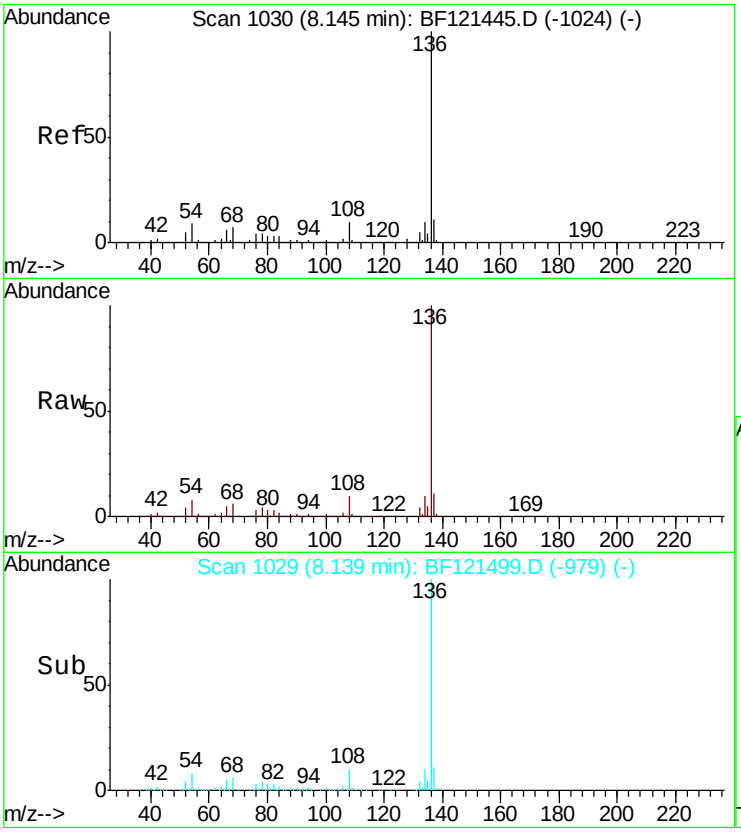




#19
n-Nitroso-di-n-propylamine
Concen: 11.472 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.14 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion: 70 Resp: 145190

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 46.1 | 45.8 | 68.6 |
| 101 | 0.0 | 7.5 | 11.3# |
| 130 | 1.9 | 16.5 | 24.7# |



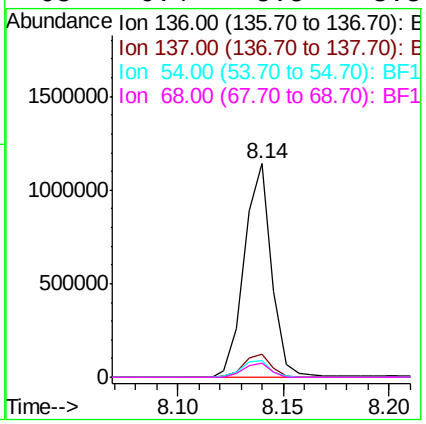


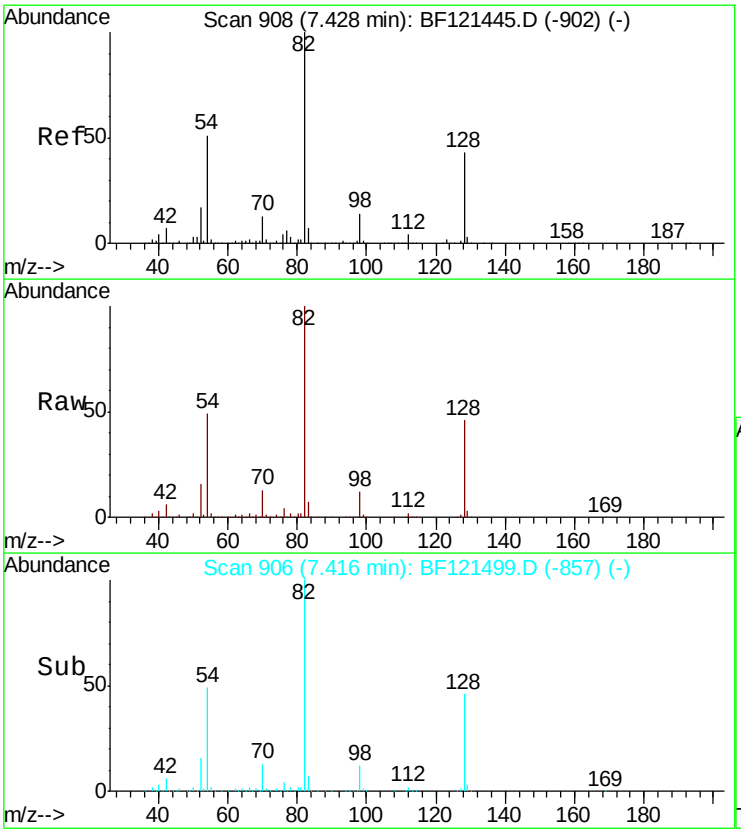

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:136 Resp: 1026094

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.1 | 9.1 | 13.7 |
| 54 | 8.0 | 7.0 | 10.4 |
| 68 | 6.4 | 5.5 | 8.3 |

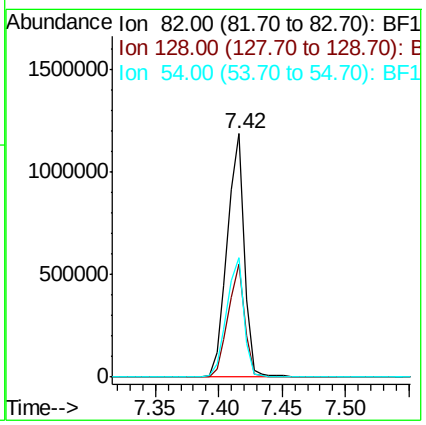


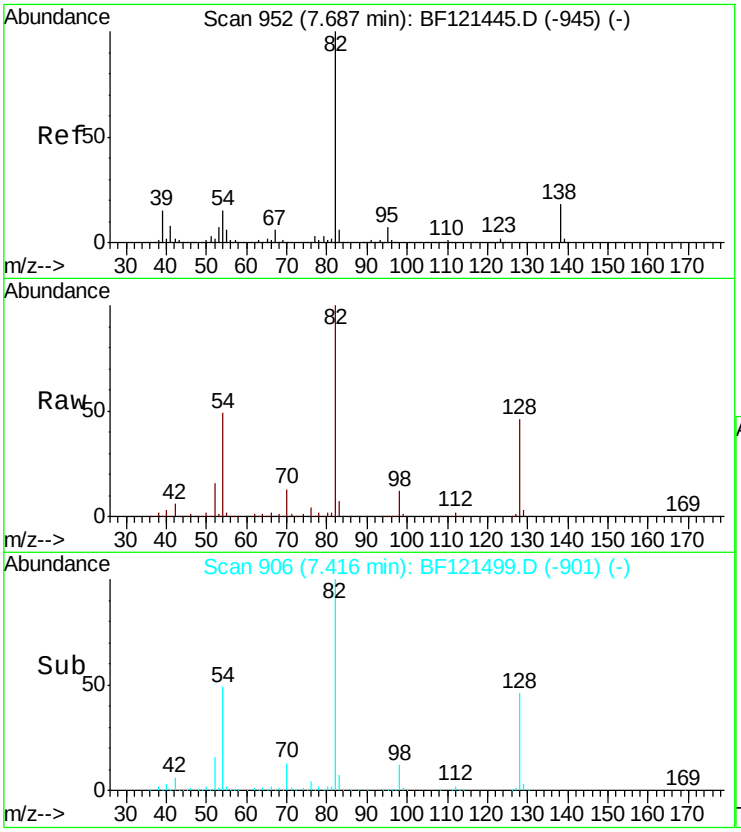




#23
Nitrobenzene-d5
Concen: 73.908 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion: 82 Resp: 1109274

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.3 | 34.1 | 51.1 |
| 54 | 49.3 | 41.0 | 61.6 |



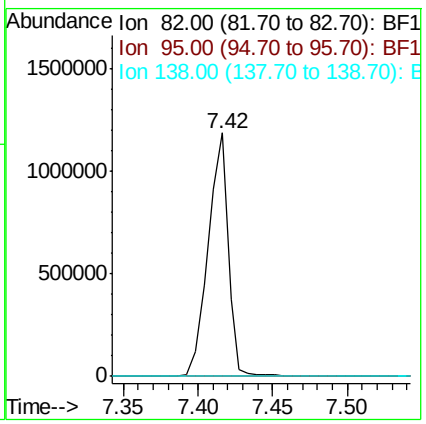


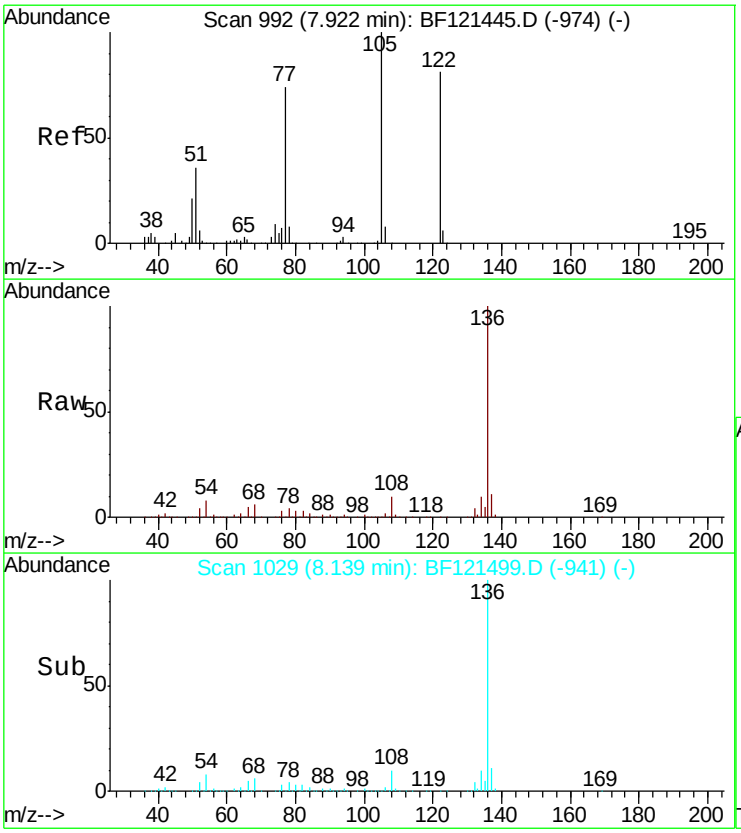

#25
Isophorone
Concen: 32.404 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.27 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion: 82 Resp: 1093896

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 5.6 | 8.4# |
| 138 | 0.0 | 14.8 | 22.2# |

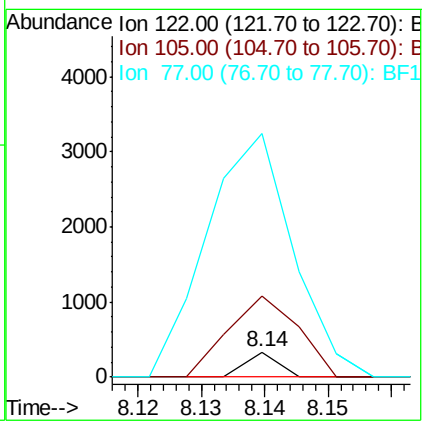


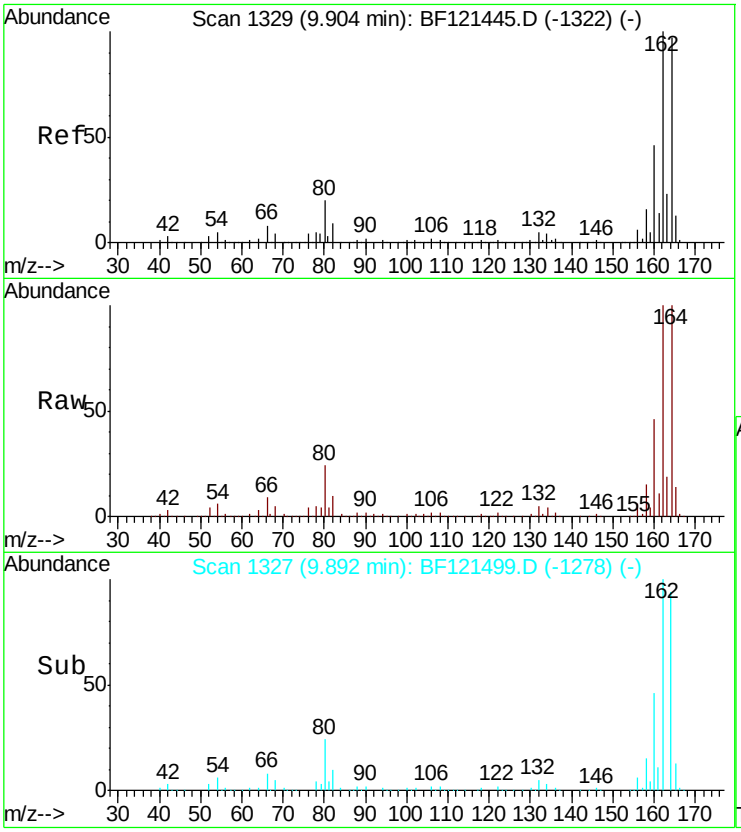




#32
Benzoic acid
Concen: 6.677 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.22 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:122 Resp: 118

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 323.4 | 100.8 | 140.8# |
| 77 | 973.6 | 71.5 | 111.5# |



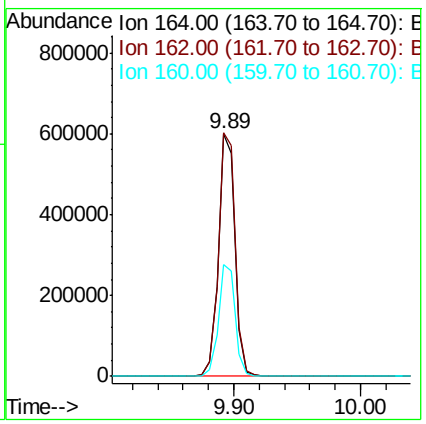


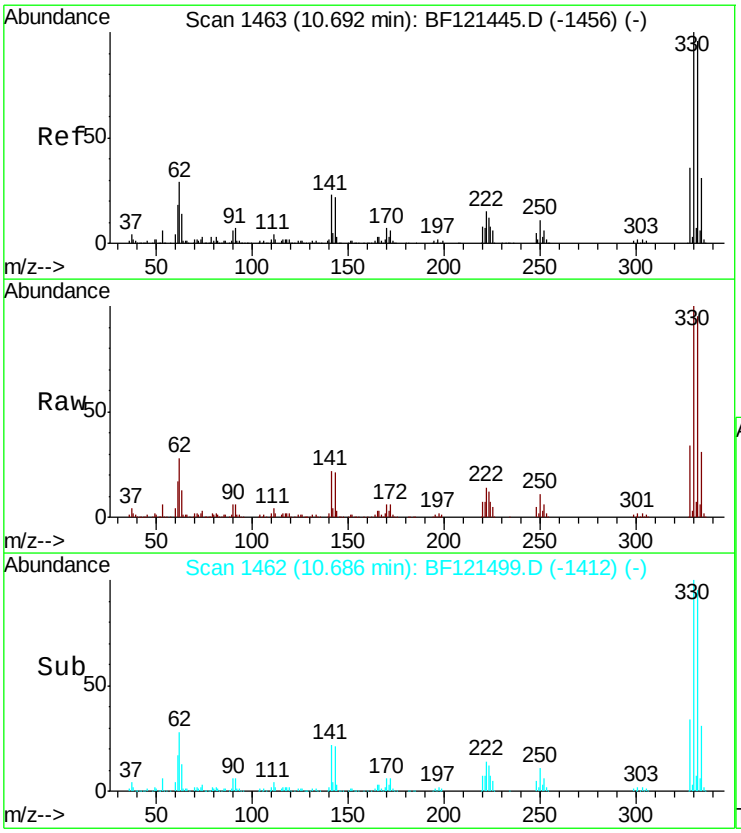

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:164 Resp: 548199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.4 | 82.4 | 123.6 |
| 160 | 46.2 | 37.6 | 56.4 |

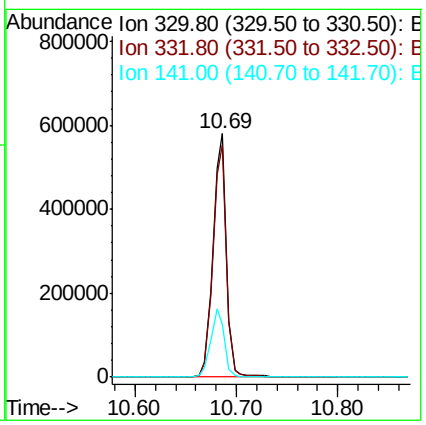


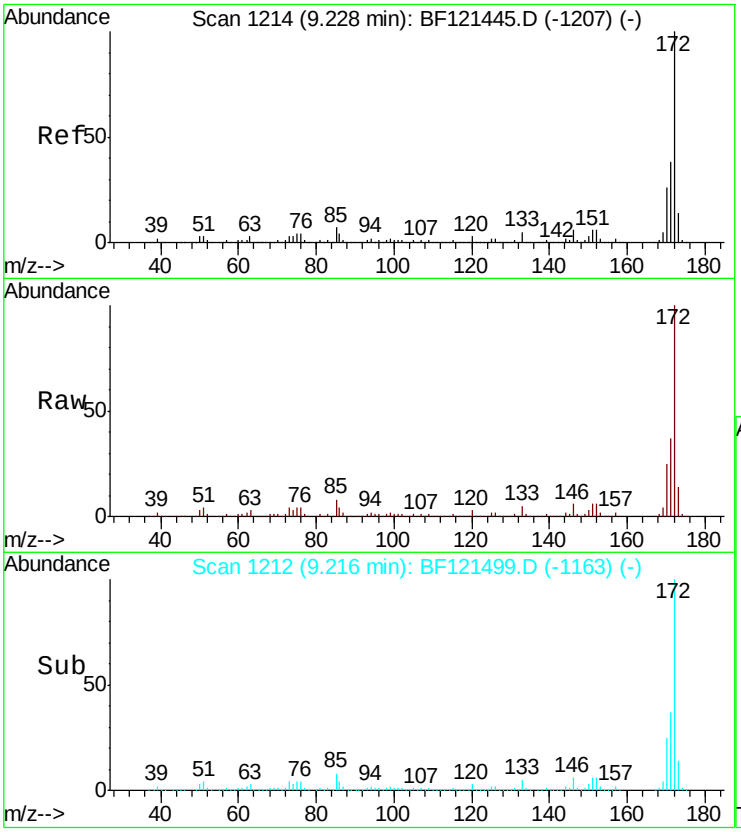




#42
2,4,6-Tribromophenol
Concen: 96.060 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:330 Resp: 531895

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.2 | 76.2 | 114.2 |
| 141 | 28.6 | 24.6 | 36.8 |



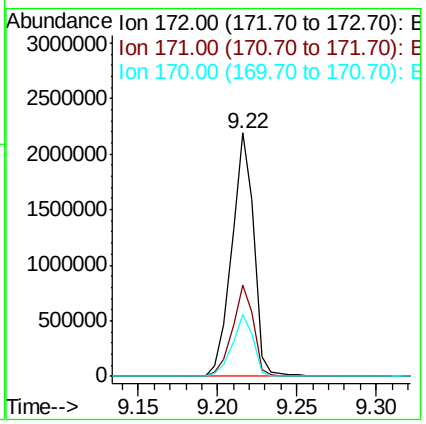


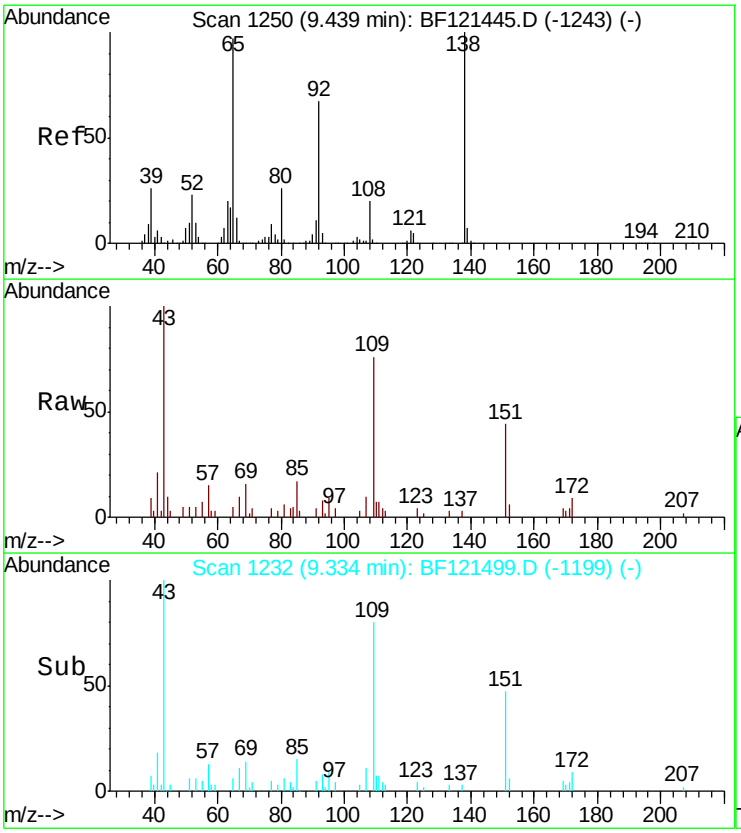

#45
2-Fluorobiphenyl
Concen: 61.850 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:172 Resp: 2101370

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.3 | 30.6 | 45.8 |
| 170 | 25.4 | 20.6 | 31.0 |

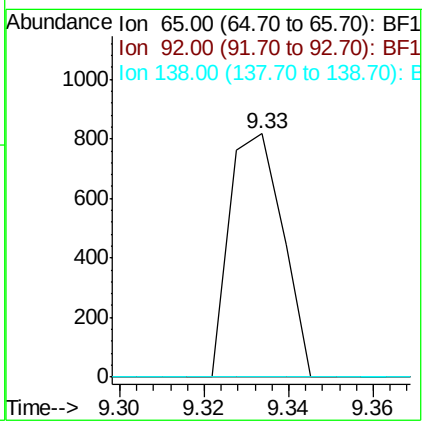


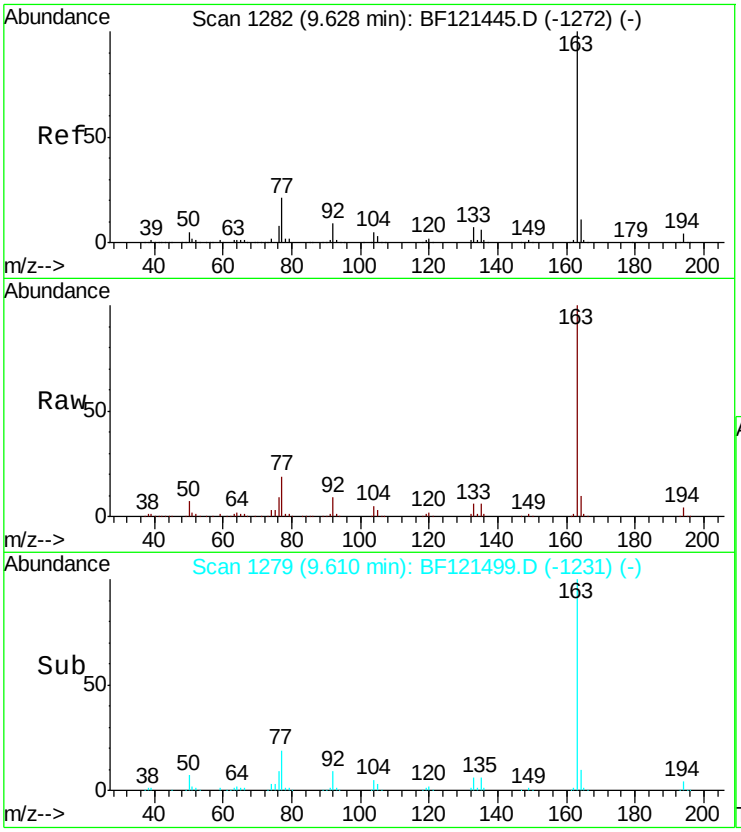




#48
2-Nitroaniline
Concen: 6.712 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.11 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion: 65 Resp: 714

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 0.0 | 55.6 | 83.4# |
| 138 | 0.0 | 82.9 | 124.3# |



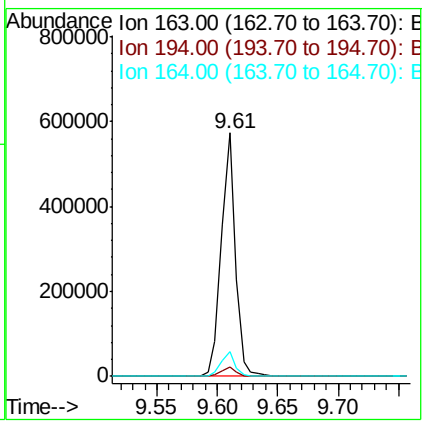


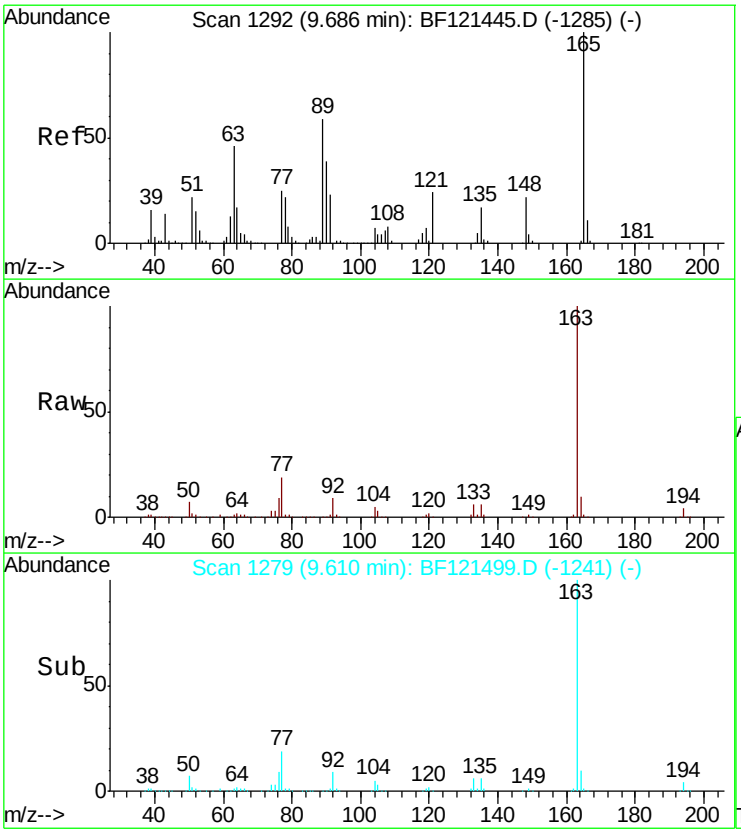

#50
Dimethylphthalate
Concen: 12.324 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:163 Resp: 464067

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.0 | 3.3 | 4.9 |
| 164 | 10.3 | 8.6 | 12.8 |

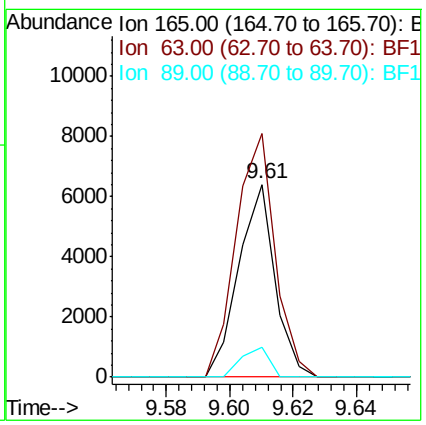


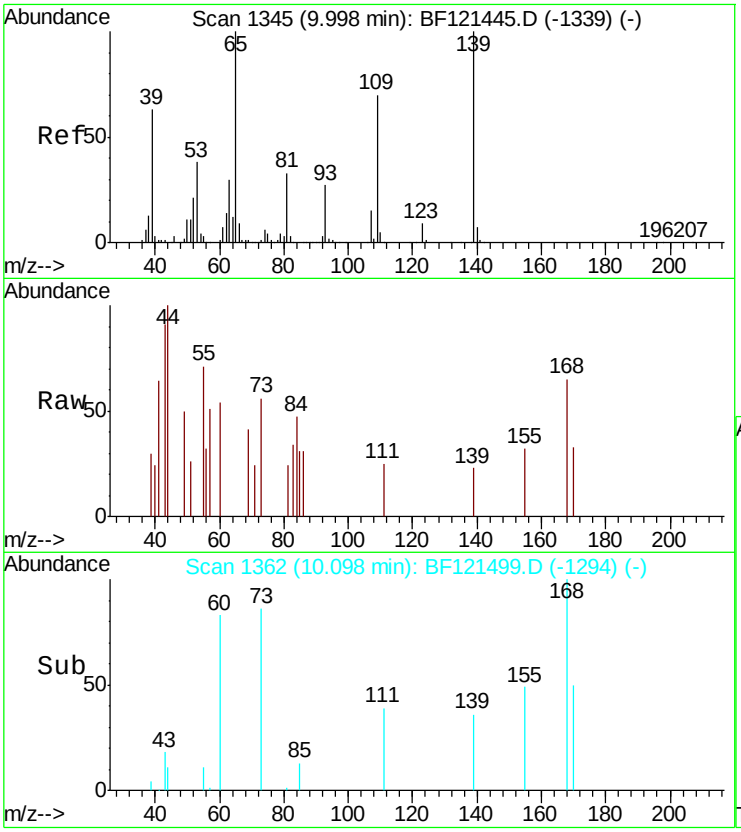




#51
2,6-Dinitrotoluene
Concen: 7.041 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.08 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:165 Resp: 5065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 126.3 | 43.6 | 65.4# |
| 89 | 15.7 | 47.4 | 71.2# |



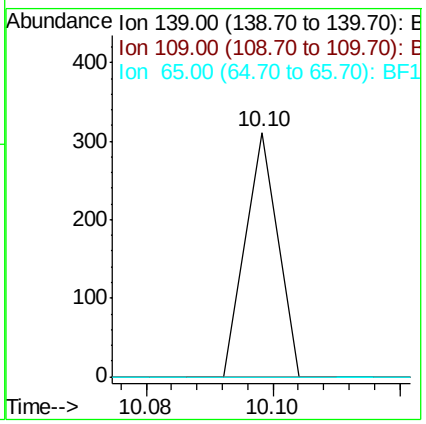


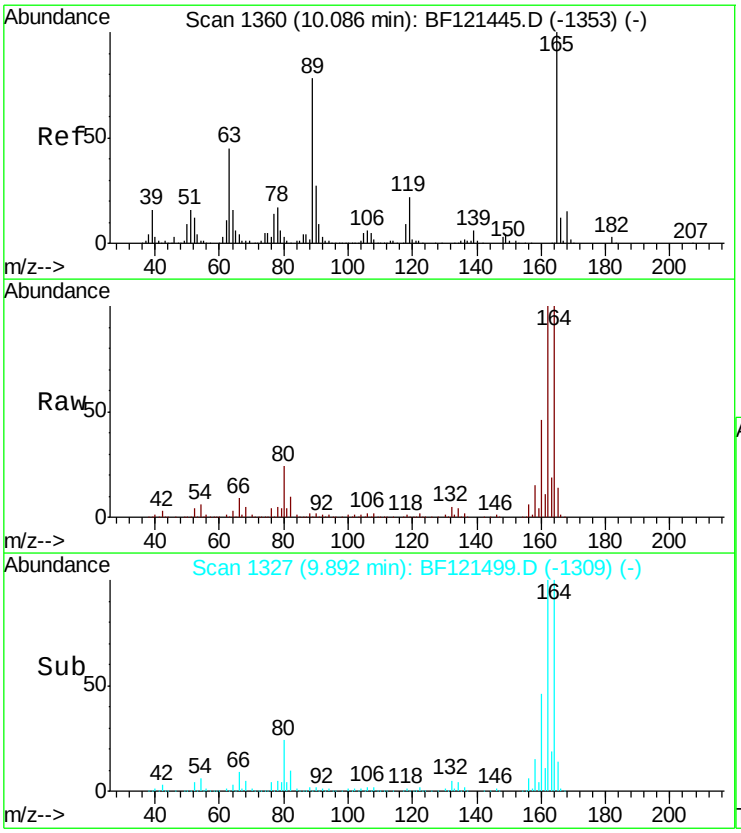

#56
4-Nitrophenol
Concen: 7.870 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.10 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:139 Resp: 110

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 50.5 | 90.5# |
| 65 | 0.0 | 80.2 | 120.2# |

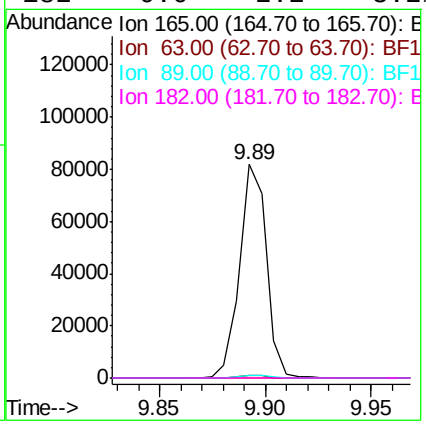


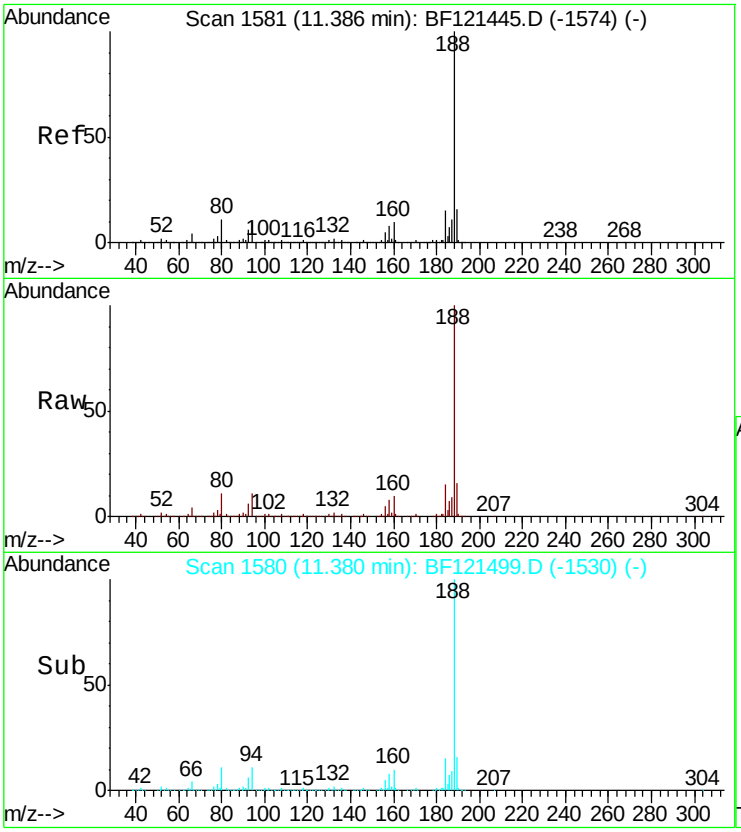




#57
2,4-Dinitrotoluene
Concen: 14.320 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.19 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:165 Resp: 72138

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.0 | 36.0 | 54.0# |
| 89 | 1.3 | 62.6 | 93.8# |
| 182 | 0.0 | 2.2 | 3.2# |



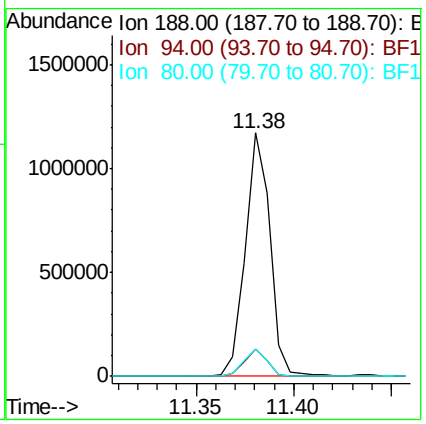


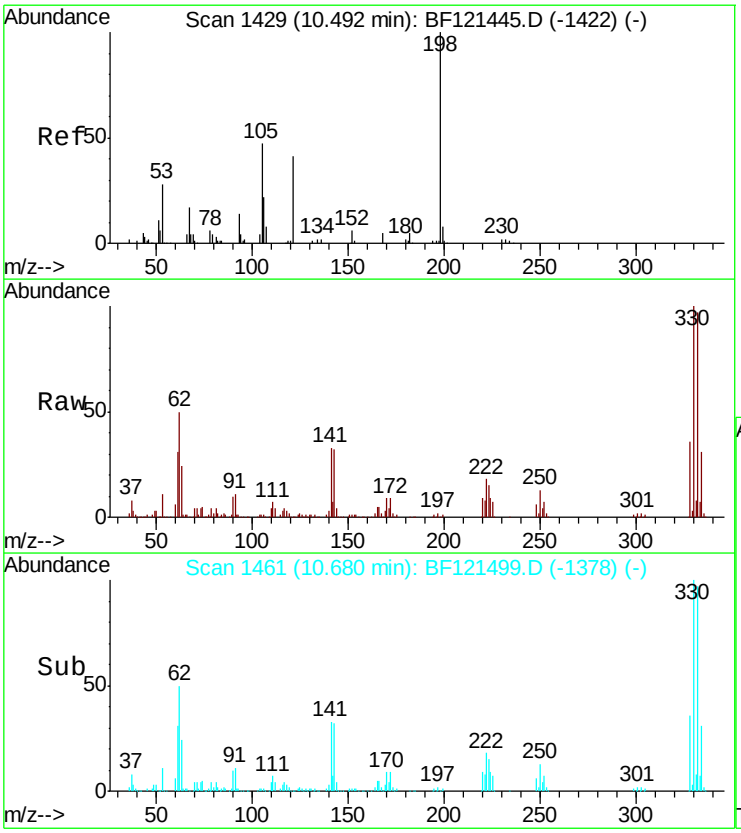

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:188 Resp: 1023514

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 11.1 | 8.3 | 12.5 |
| 80 | 11.5 | 8.6 | 13.0 |

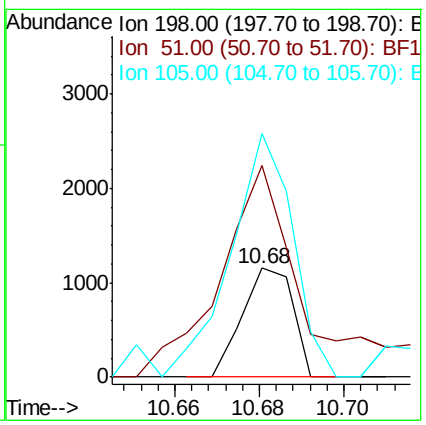


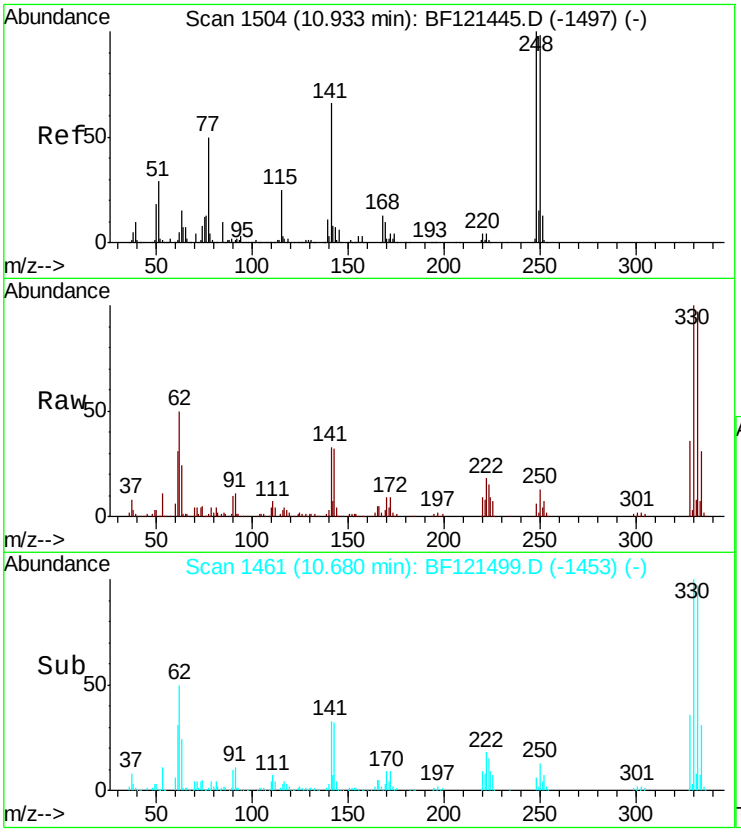




#65
4,6-Dinitro-2-methylphenol
Concen: 5.958 ng
RT: 10.68 min Scan# 1461
Delta R.T. 0.19 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:198 Resp: 964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 193.8 | 29.0 | 69.0# |
| 105 | 223.3 | 29.1 | 69.1# |



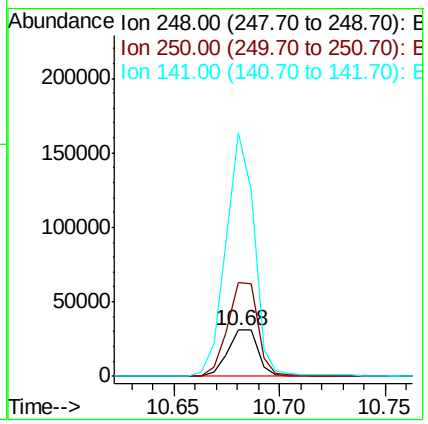


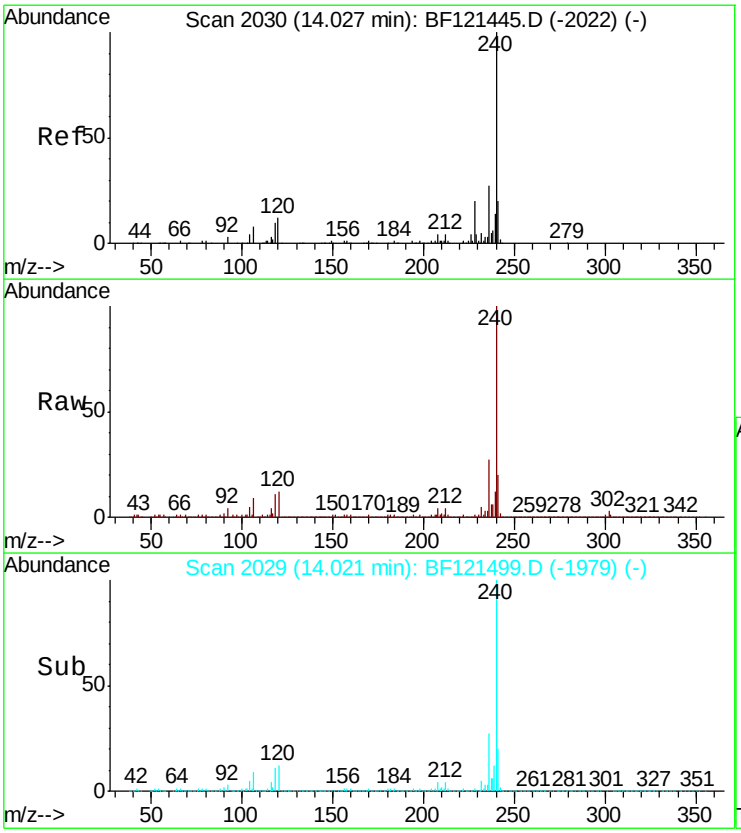

#67
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.25 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:248 Resp: 30802

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 203.1 | 78.7 | 118.1# |
| 141 | 529.0 | 52.6 | 78.8# |

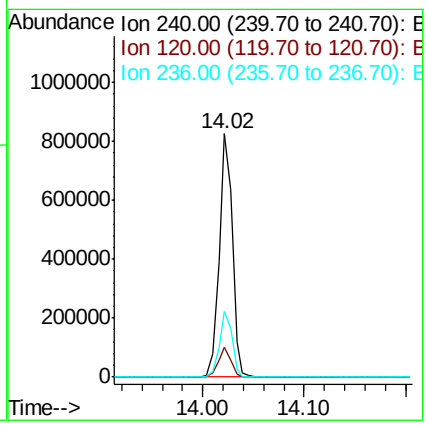


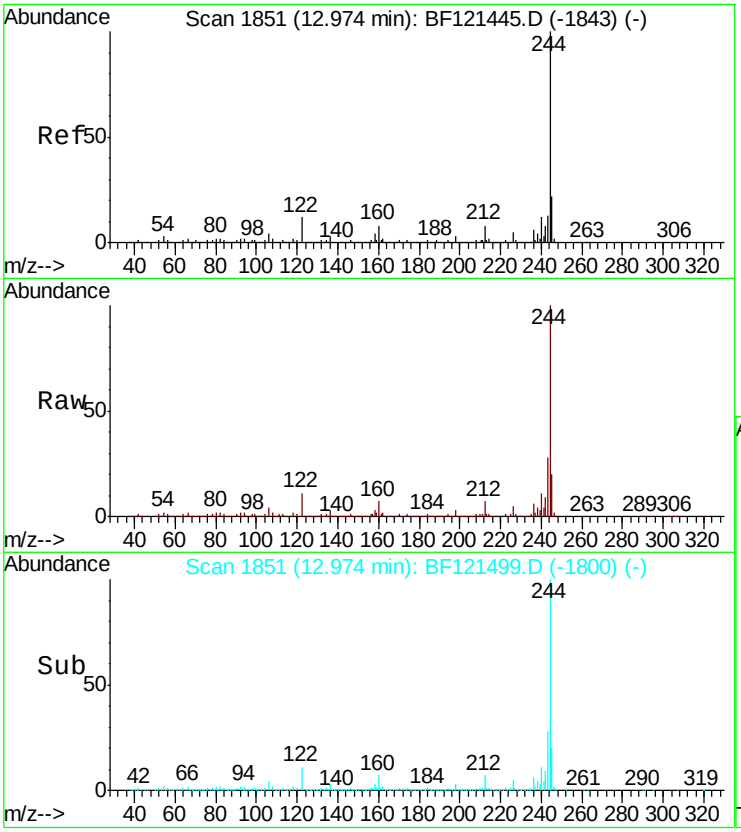




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:240 Resp: 737415

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 12.4 | 9.5 | 14.3 |
| 236 | 26.8 | 21.8 | 32.6 |



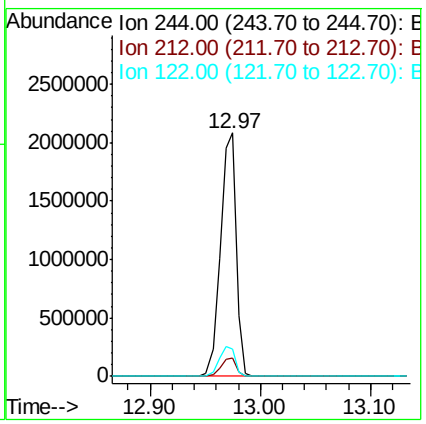


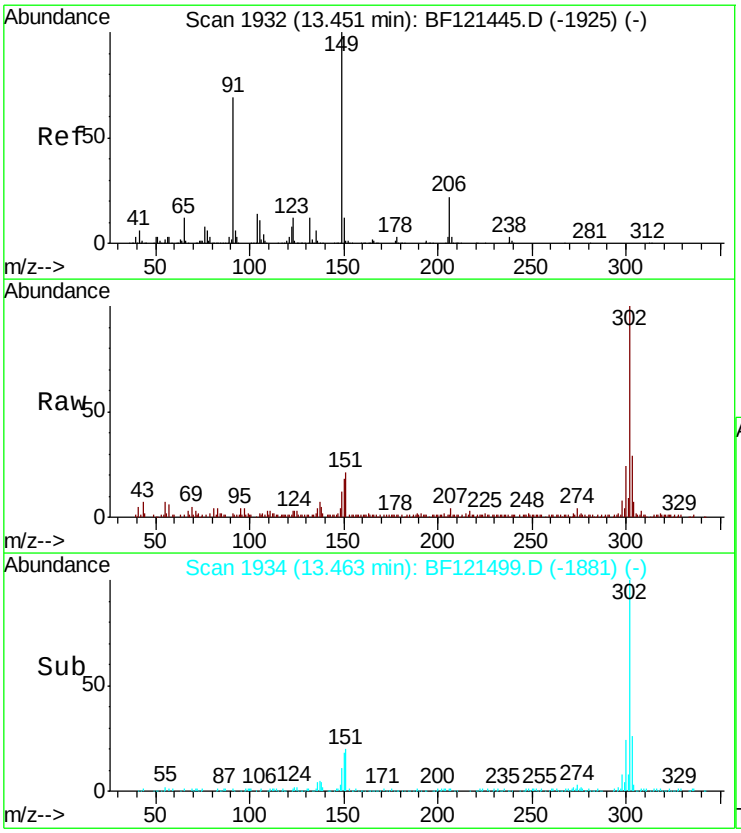

#79
Terphenyl-d14
Concen: 59.338 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.00 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:244 Resp: 2078738

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.4 | 6.3 | 9.5 |
| 122 | 11.2 | 9.5 | 14.3 |

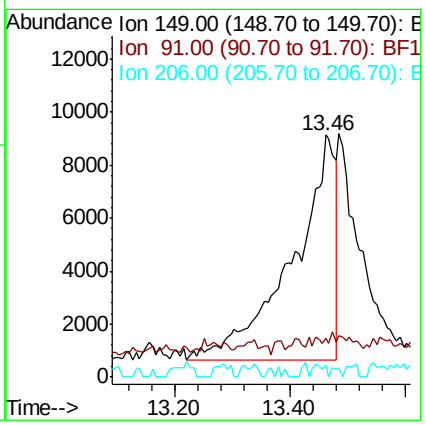


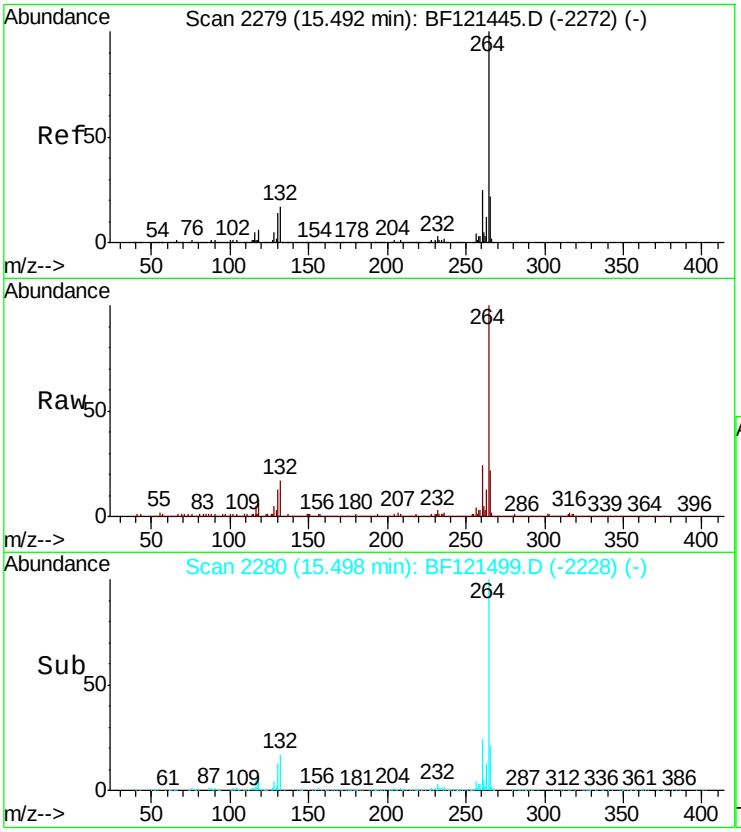




#80
Butylbenzylphthalate
Concen: 2.167 ng
RT: 13.46 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

Tgt Ion:149 Resp: 43962

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 16.1 | 55.0 | 82.4# |
| 206 | 4.9 | 17.8 | 26.6# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF121499.D
Acq: 1 Sep 2020 16:32

**Instrument :**
BNA_F
**ClientSampleId :**
LINDEN-BH-03-A

Tgt Ion:264 Resp: 734557

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.4 | 19.6 | 29.4 |
| 265 | 21.6 | 17.8 | 26.6 |