Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
Data File : BP002944.D
Acq On : 11 Aug 2020 18:27
Operator : CG/JU
Sample : L3624-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** SS-TP-1

Quant Time: Aug 11 18:57:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.70 | 152 | 507411 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.48 | 136 | 1964339 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.34 | 164 | 1088794 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.09 | 188 | 2118052 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.18 | 240 | 1597847 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.43 | 264 | 1512437 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.31 | 112 | 2876838 | 86.77 | ng | 0.00 |
| 7) Phenol-d6 | 6.88 | 99 | 2982027 | 64.79 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.85 | 82 | 2182184 | 60.17 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.83 | 330 | 1257922 | 92.96 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.96 | 172 | 5676964 | 71.24 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.66 | 244 | 6165251 | 77.24 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.00 | 88 | 53380 | 3.751 | ng | # 1 |
| 26) 2-Nitrophenol | 9.60 | 139 | 16 | 4.521 | ng | # 1 |
| 32) Benzoic acid | 9.80 | 122 | 84 | 7.690 | ng | # 10 |
| 48) 2-Nitroaniline | 13.39 | 65 | 2956 | 4.126 | ng | # 1 |
| 51) 2,6-Dinitrotoluene | 13.90 | 165 | 394 | 2.919 | ng | # 37 |
| 53) 3-Nitroaniline | 14.25 | 138 | 35 | 3.275 | ng | # 1 |
| 54) 2,4-Dinitrophenol | 14.42 | 184 | 19 | 8.059 | ng | # 1 |
| 57) 2,4-Dinitrotoluene | 14.70 | 165 | 8135 | 4.102 | ng | # 47 |
| 62) 4-Nitroaniline | 15.39 | 138 | 1016 | 2.465 | ng | # 50 |
| 65) 4,6-Dinitro-2-methylphenol | 15.46 | 198 | 46 | 6.904 | ng | # 1 |
| 80) Butylbenzylphthalate | 20.34 | 149 | 1515 | 3.089 | ng | # 85 |

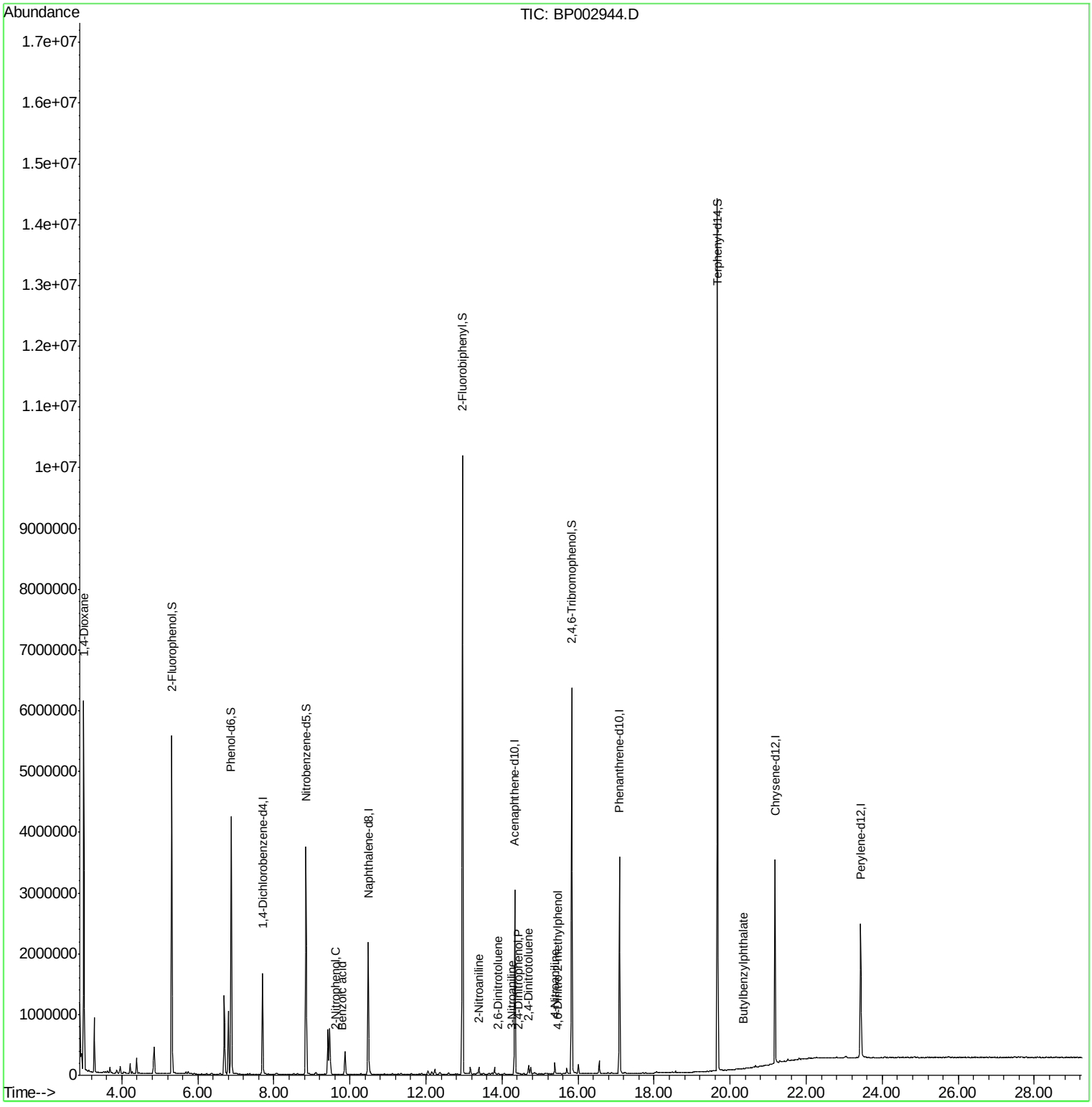
(#) = qualifier out of range (m) = manual integration (+) = signals summed

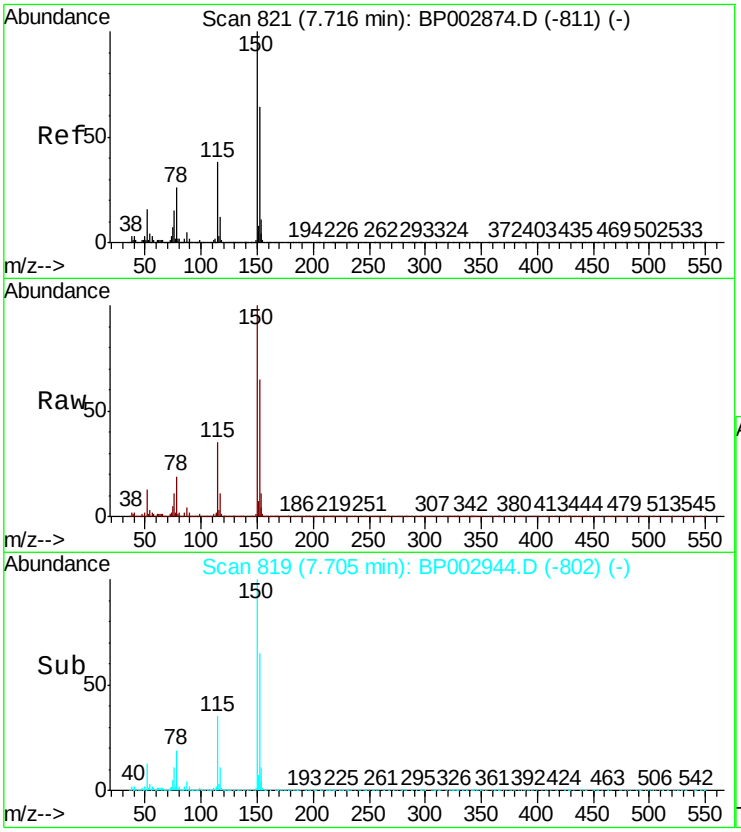
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081120\
Data File : BP002944.D
Acq On : 11 Aug 2020 18:27
Operator : CG/JU
Sample : L3624-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Quant Time: Aug 11 18:57:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 11 17:14:14 2020
Response via : Initial Calibration



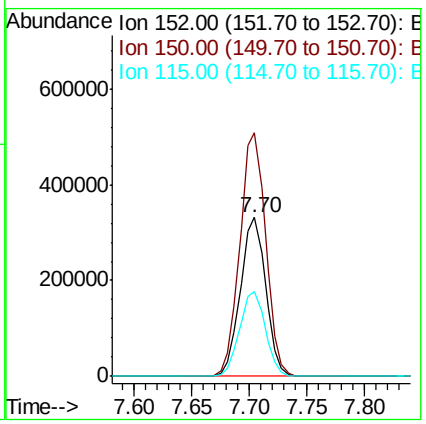


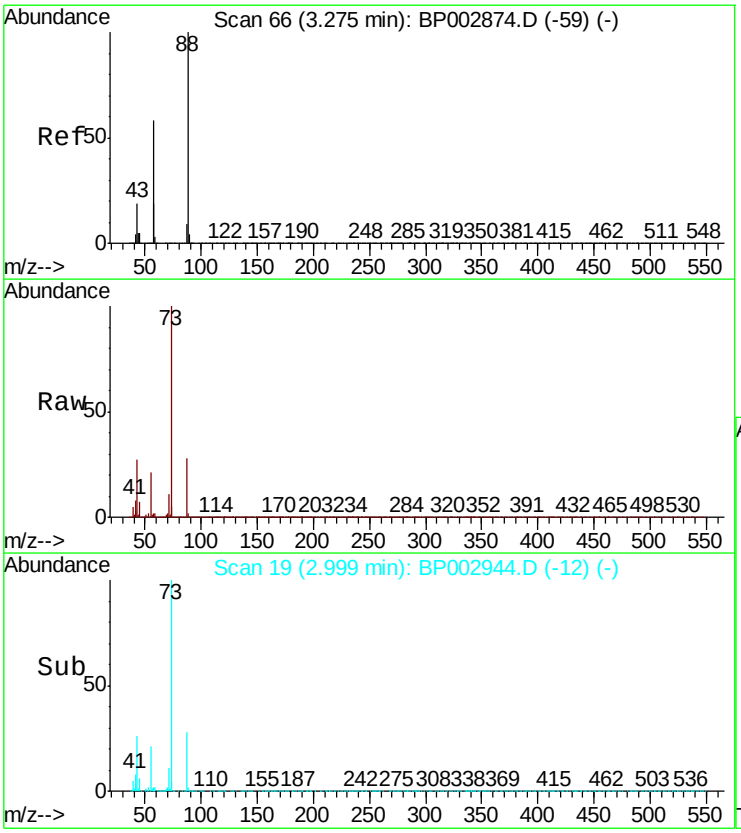

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 819
Delta R.T. -0.00 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:152 Resp: 507411

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.0 | 124.2 | 186.4 |
| 115 | 53.1 | 42.1 | 63.1 |

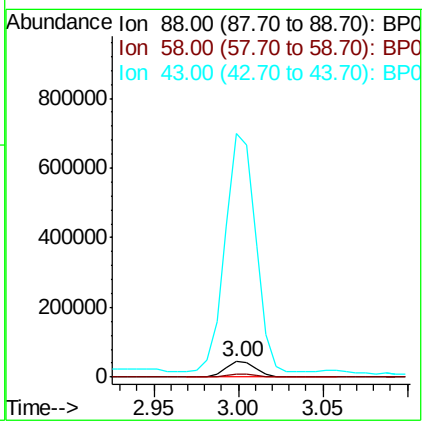


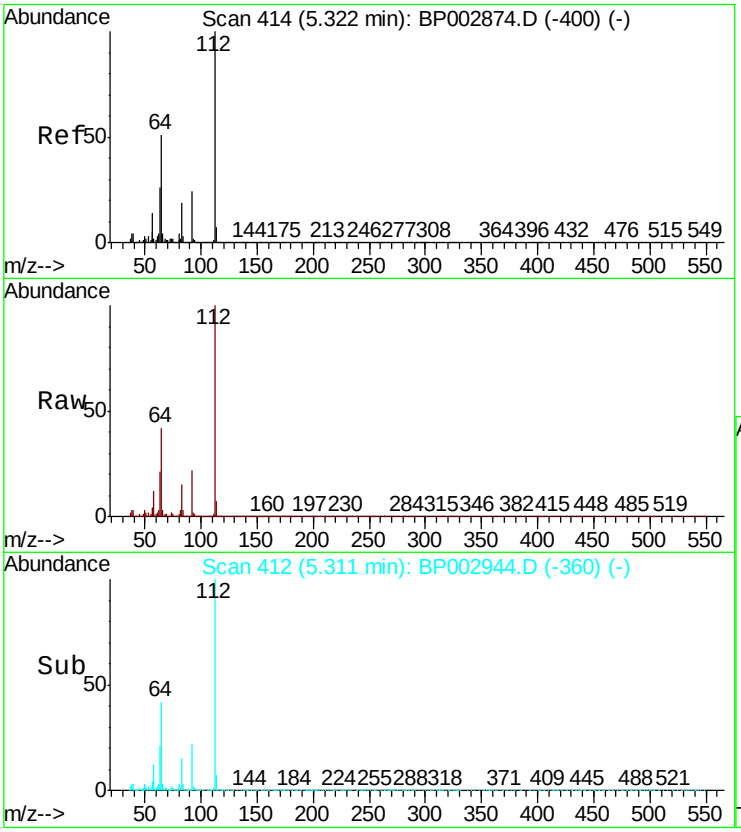




#2
1,4-Dioxane
Concen: 3.751 ng
RT: 3.00 min Scan# 19
Delta R.T. -0.26 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion: 88 Resp: 53380

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 21.2 | 45.1 | 67.7# |
| 43 | 1602.6 | 14.6 | 21.8# |



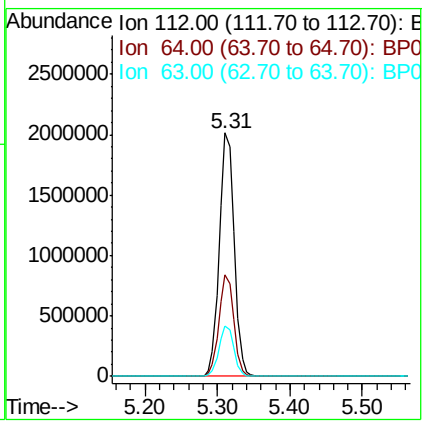


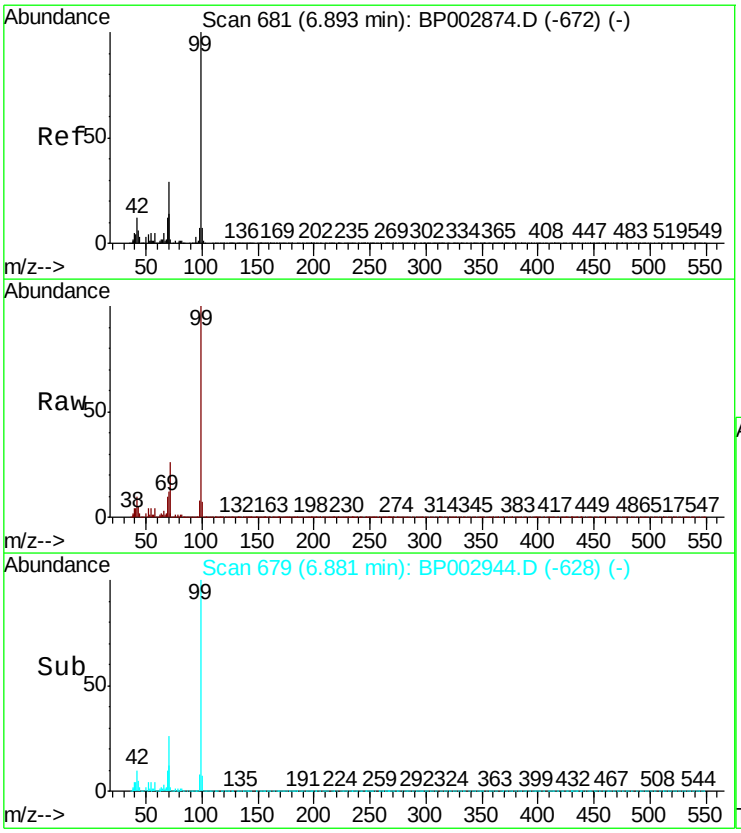

#5
2-Fluorophenol
Concen: 86.774 ng
RT: 5.31 min Scan# 412
Delta R.T. 0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:112 Resp: 2876838

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 41.5 | 33.8 | 50.8 |
| 63 | 20.7 | 17.2 | 25.8 |

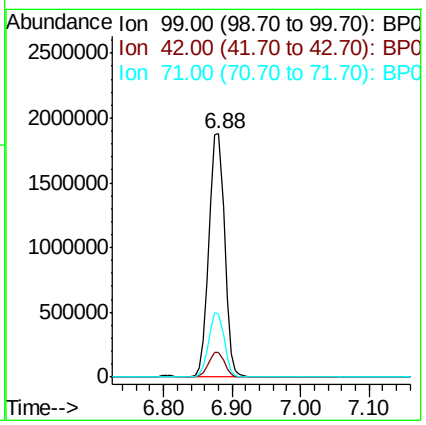


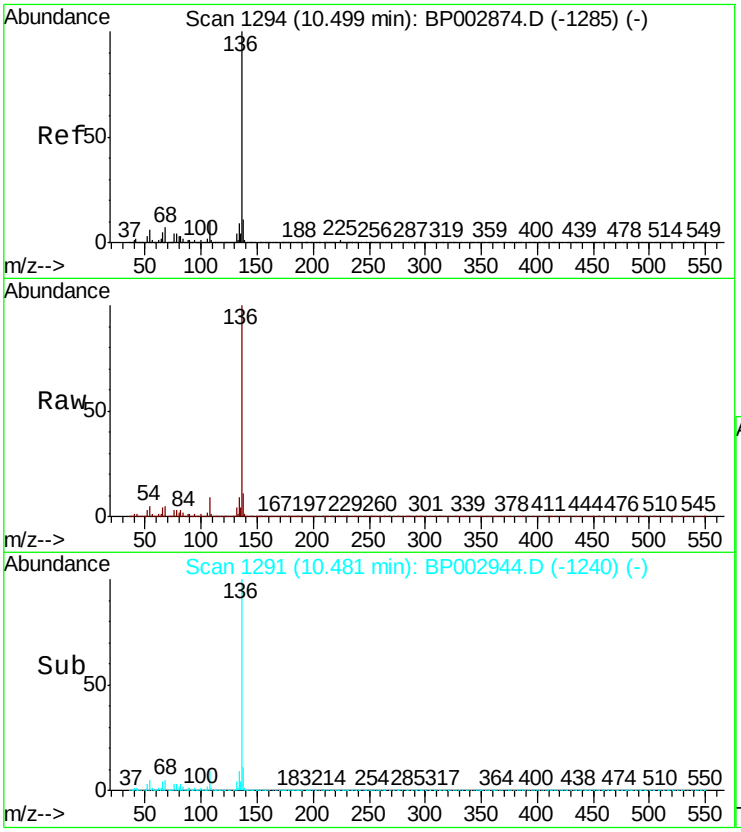




#7
Phenol-d6
Concen: 64.786 ng
RT: 6.88 min Scan# 679
Delta R.T. -0.00 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion: 99 Resp: 2982027

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 9.9 | 8.1 | 12.1 |
| 71 | 25.8 | 21.0 | 31.4 |



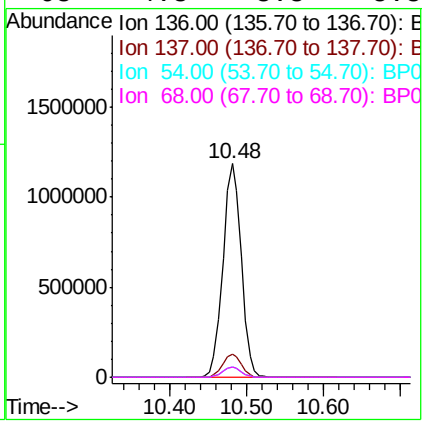


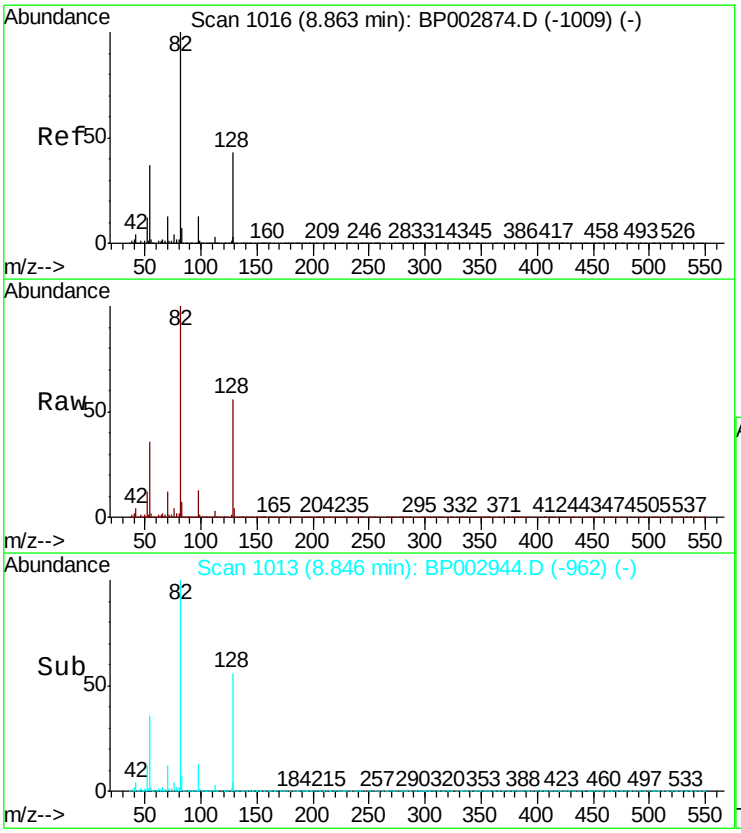

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.48 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:136 Resp: 1964339

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.0 | 13.4 |
| 54 | 5.1 | 3.9 | 5.9 |
| 68 | 4.8 | 3.8 | 5.8 |

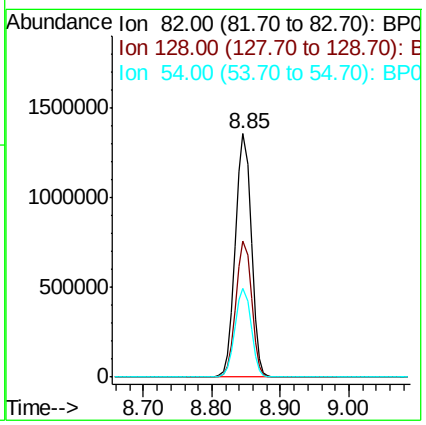


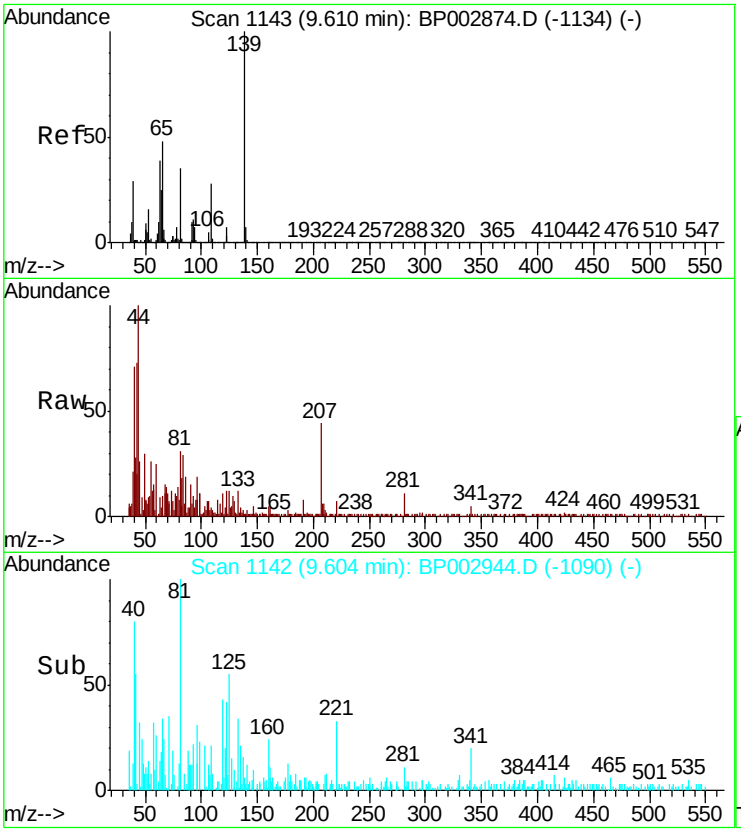




#23
Nitrobenzene-d5
Concen: 60.169 ng
RT: 8.85 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion: 82 Resp: 2182184

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 55.8 | 44.6 | 66.8 |
| 54 | 36.5 | 29.2 | 43.8 |



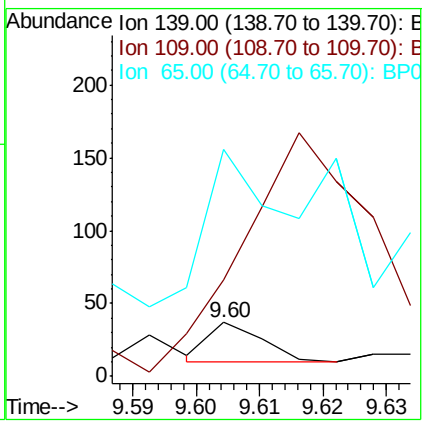


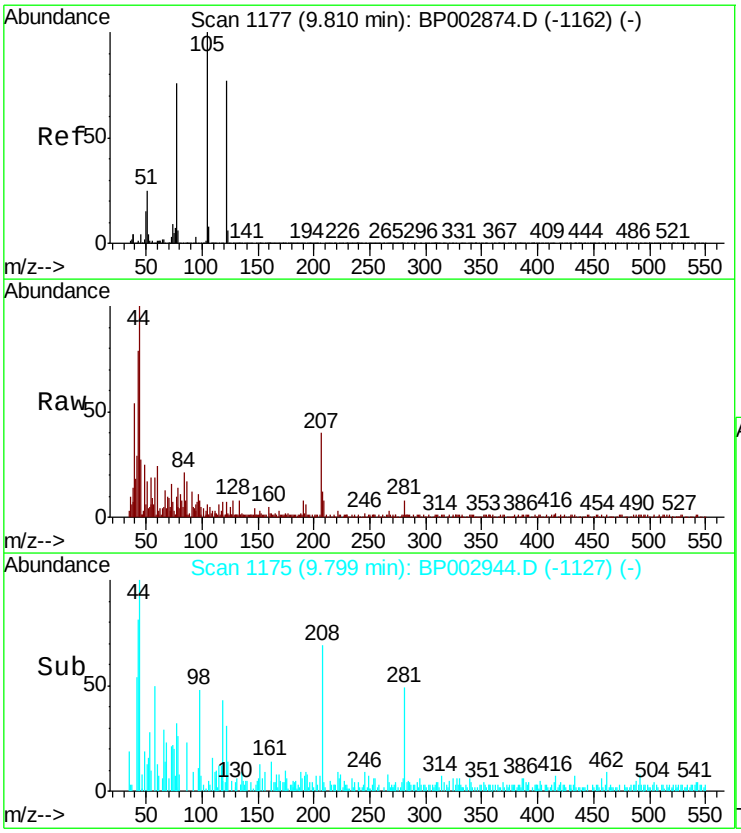

#26
2-Nitrophenol
Concen: 4.521 ng
RT: 9.60 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:139 Resp: 16

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 178.4 | 19.5 | 29.3# |
| 65 | 421.6 | 26.6 | 40.0# |

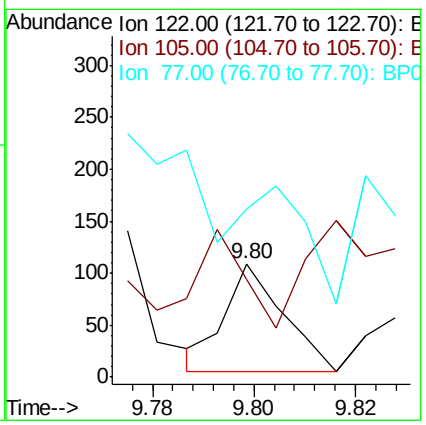


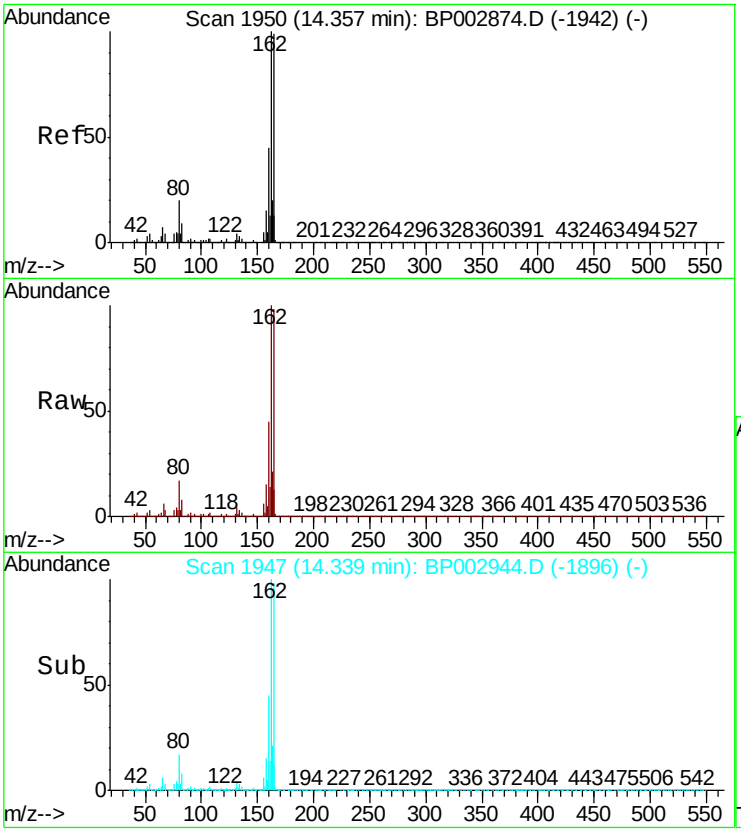




#32
Benzoic acid
Concen: 7.690 ng
RT: 9.80 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion:122 Resp: 84

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 86.2 | 95.8 | 135.8# |
| 77 | 234.9 | 54.7 | 94.7# |



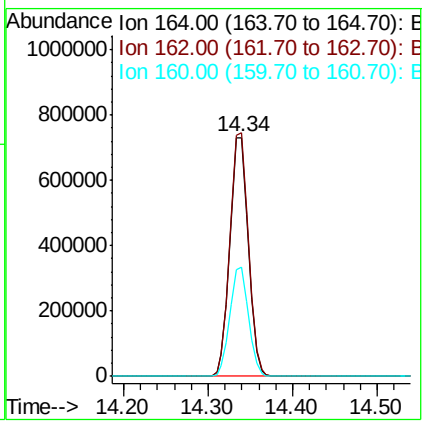


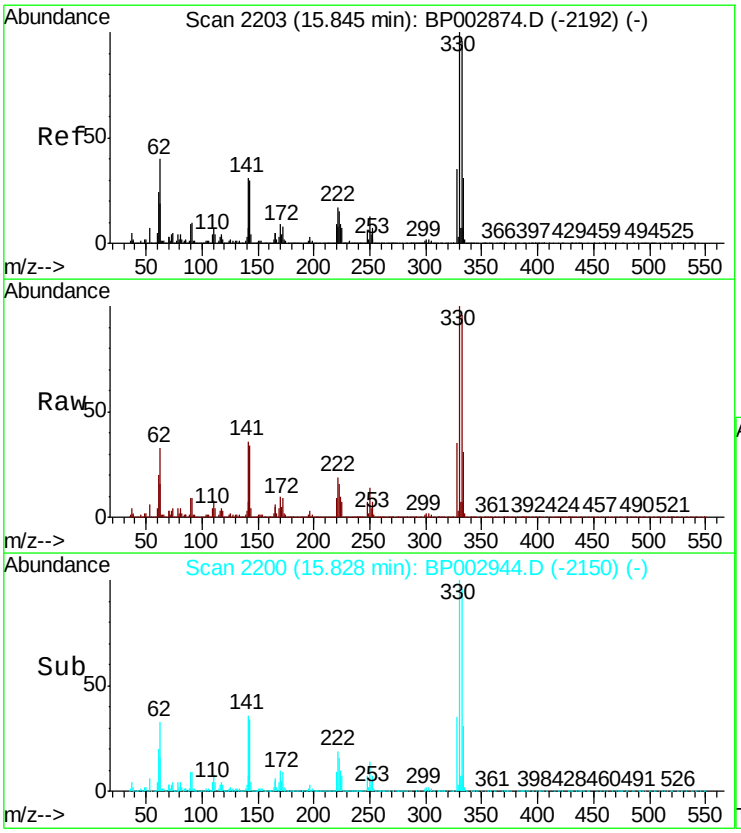

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:164 Resp: 1088794

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 102.0 | 81.0 | 121.4 |
| 160 | 45.5 | 36.2 | 54.4 |

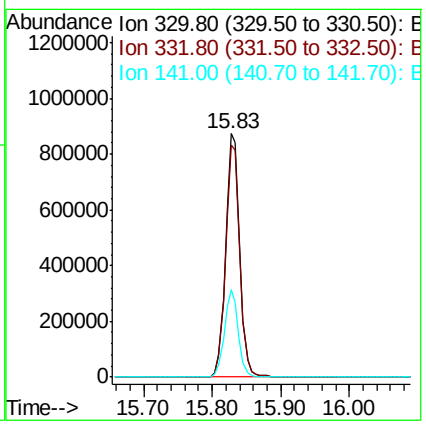


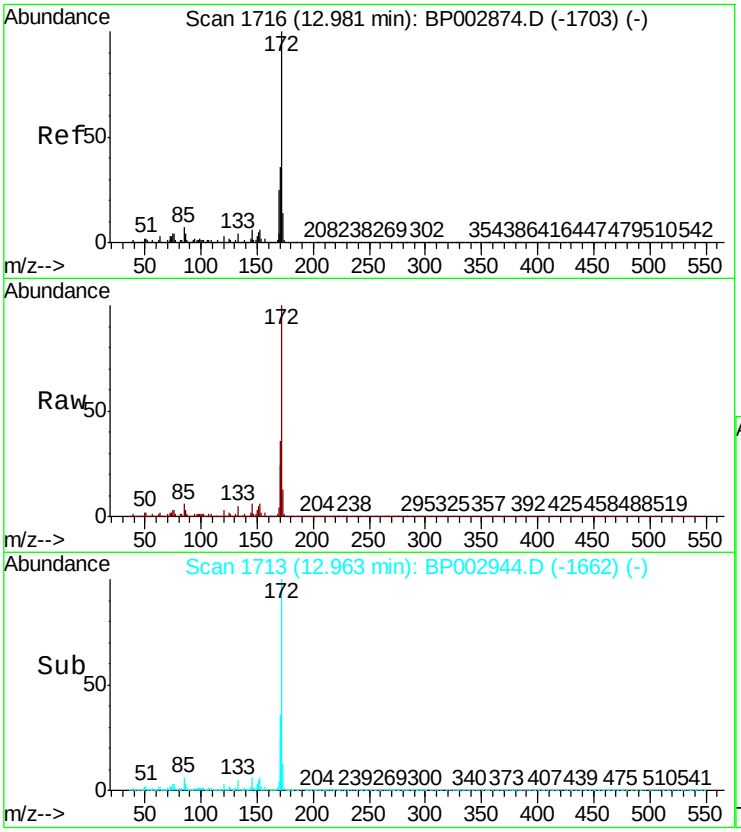




#42
2,4,6-Tribromophenol
Concen: 92.956 ng
RT: 15.83 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion:330 Resp: 1257922

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 77.0 | 115.4 |
| 141 | 35.1 | 28.6 | 43.0 |



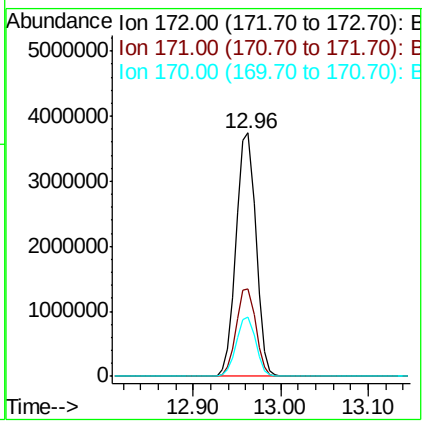


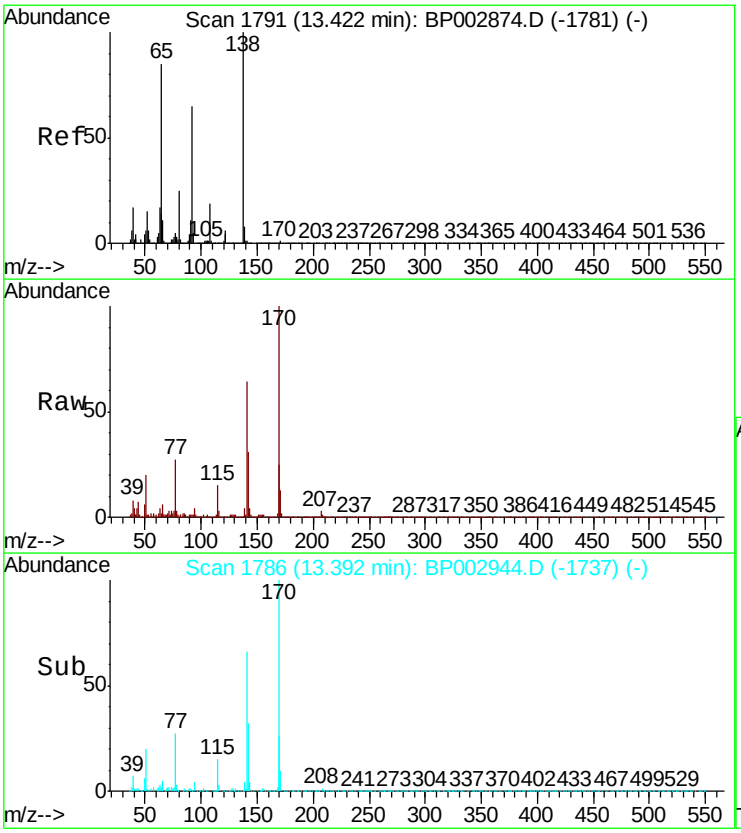

#45
2-Fluorobiphenyl
Concen: 71.239 ng
RT: 12.96 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:172 Resp: 5676964

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 29.6 | 44.4 |
| 170 | 24.1 | 19.6 | 29.4 |

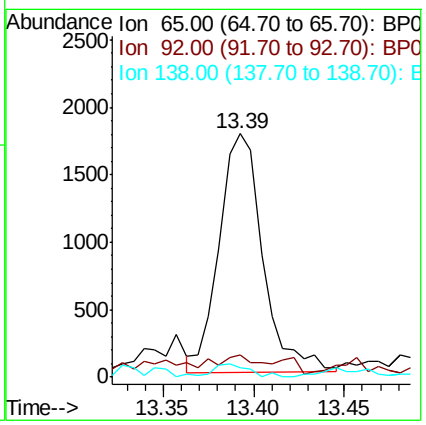


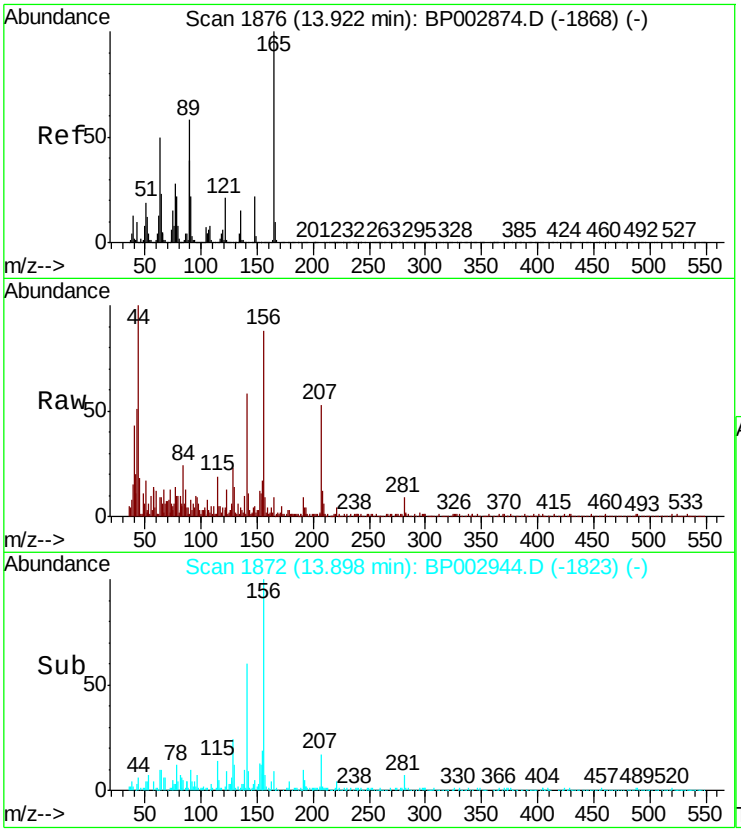




#48
2-Nitroaniline
Concen: 4.126 ng
RT: 13.39 min Scan# 1786
Delta R.T. -0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion: 65 Resp: 2956

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 65 | 100 | | |
| 92 | 9.4 | 69.6 | 104.4# |
| 138 | 4.0 | 125.6 | 188.4# |



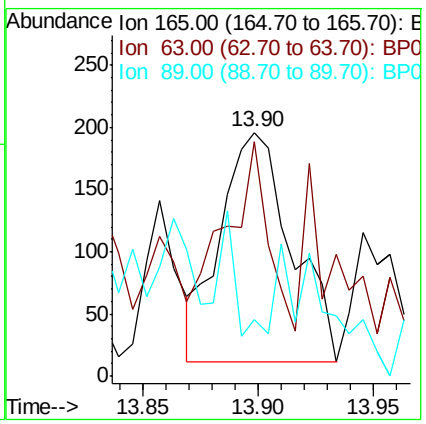


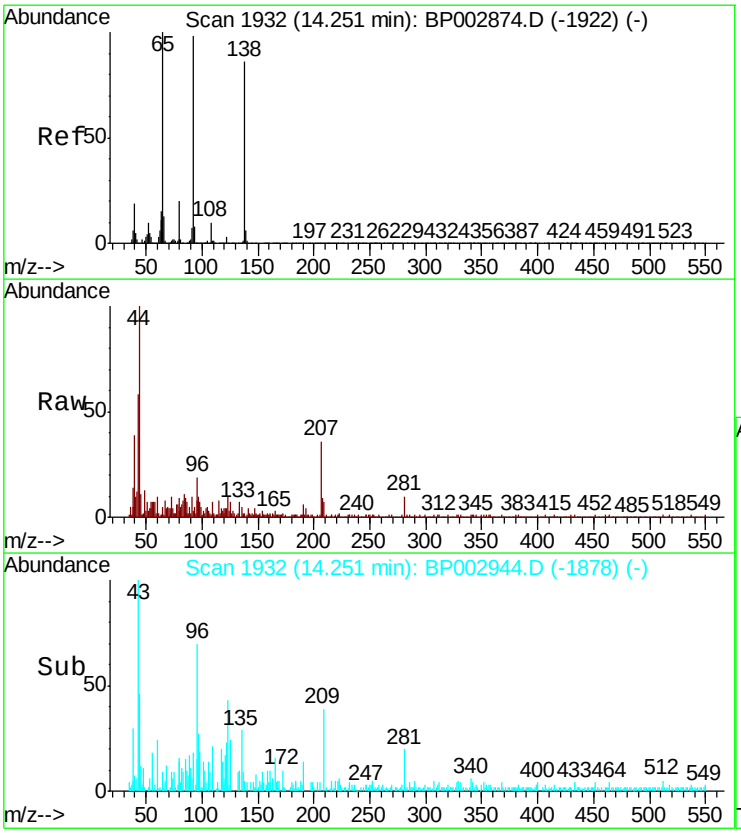

#51
2,6-Dinitrotoluene
Concen: 2.919 ng
RT: 13.90 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:165 Resp: 394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 92.6 | 27.5 | 41.3# |
| 89 | 22.1 | 35.3 | 52.9# |

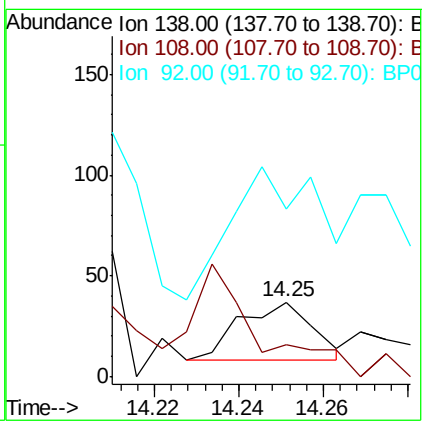


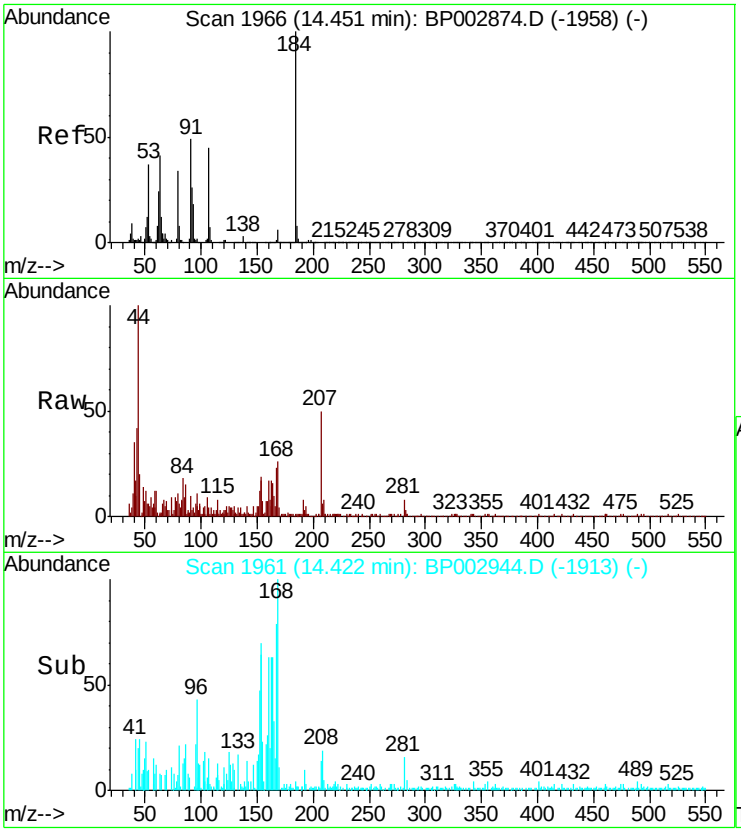




#53
3-Nitroaniline
Concen: 3.275 ng
RT: 14.25 min Scan# 1932
Delta R.T. 0.02 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion:138 Resp: 35

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 43.2 | 7.2 | 10.8# |
| 92 | 224.3 | 75.8 | 113.6# |



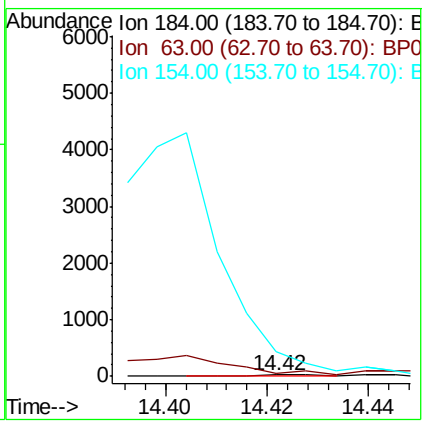


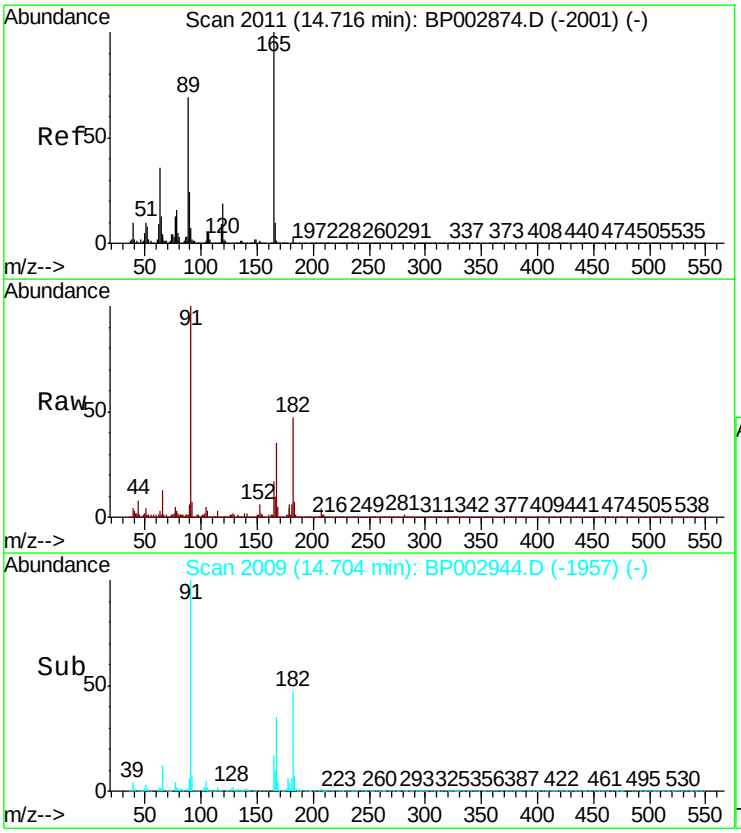

#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.42 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:184 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 221.7 | 36.4 | 54.6# |
| 154 | 1852.2 | 46.6 | 69.8# |

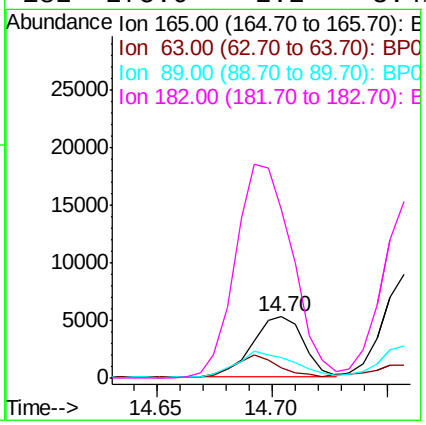


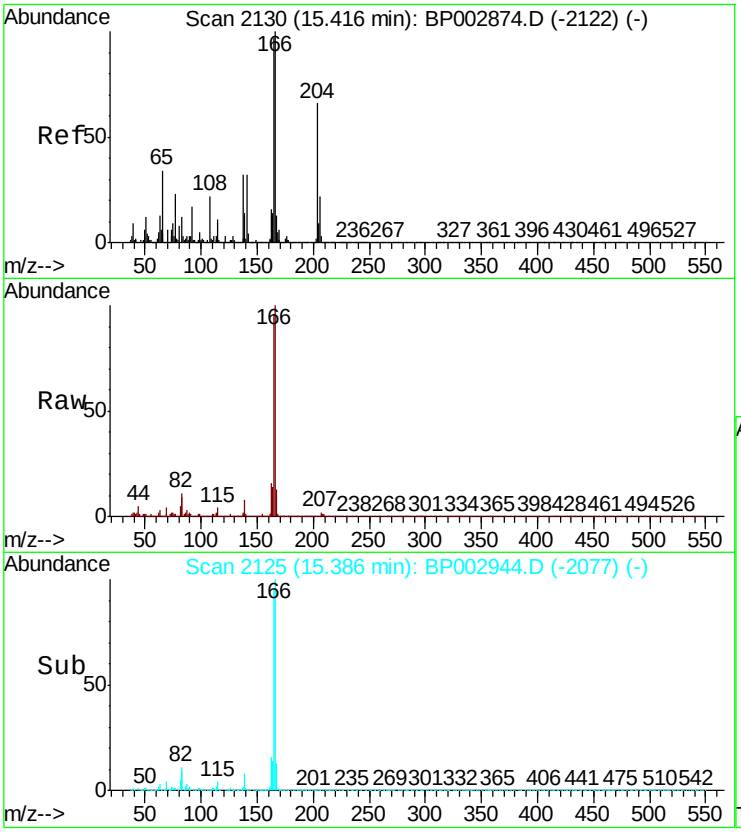




#57
2,4-Dinitrotoluene
Concen: 4.102 ng
RT: 14.70 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion:165 Resp: 8135

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 16.8 | 22.6 | 34.0# |
| 89 | 34.4 | 46.2 | 69.2# |
| 182 | 275.0 | 2.2 | 3.4# |



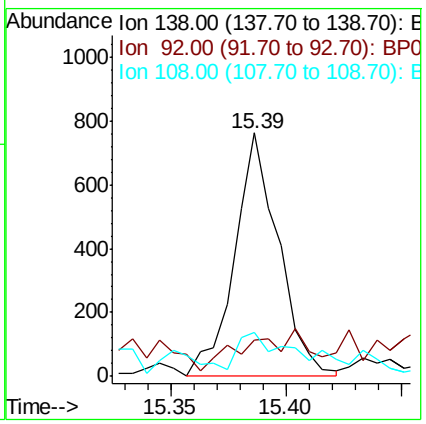


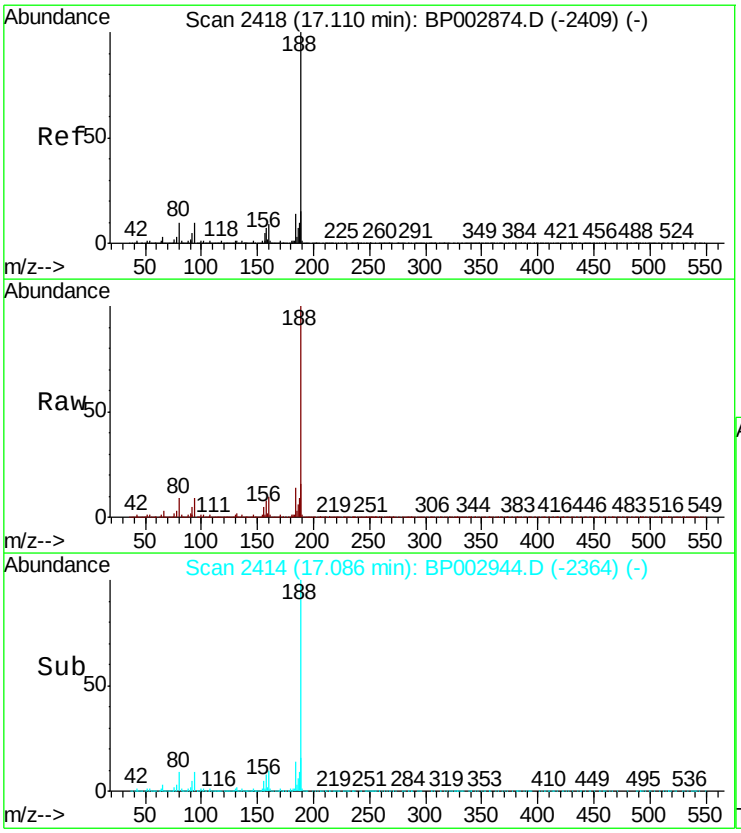

#62
4-Nitroaniline
Concen: 2.465 ng
RT: 15.39 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:138 Resp: 1016

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 92 | 14.9 | 21.2 | 61.2# |
| 108 | 18.1 | 40.5 | 80.5# |

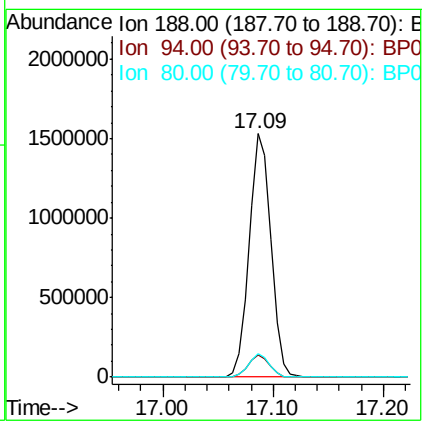


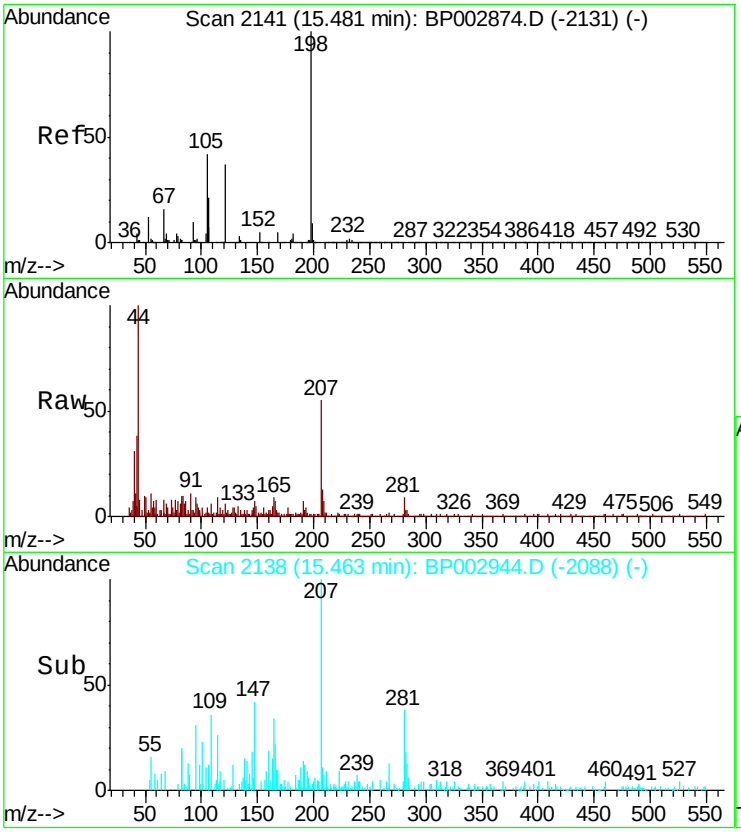




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion:188 Resp: 2118052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.0 | 10.6 |
| 80 | 9.4 | 7.0 | 10.6 |



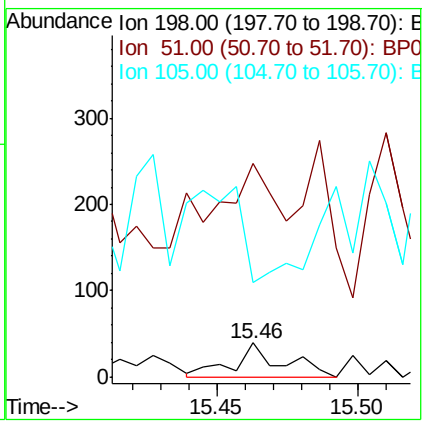


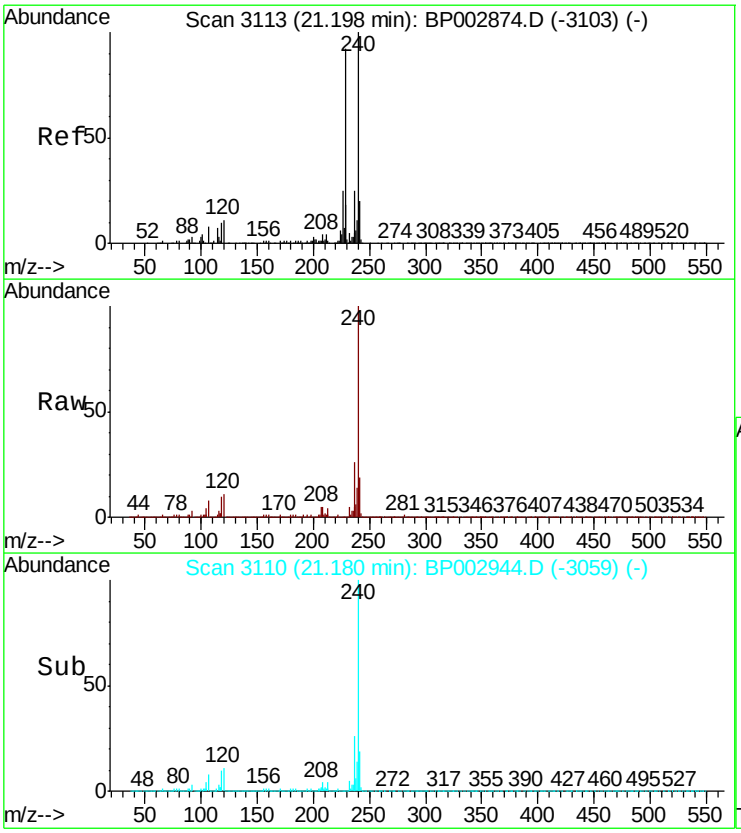

#65
4,6-Dinitro-2-methylphenol
Concen: 6.904 ng
RT: 15.46 min Scan# 2138
Delta R.T. -0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:198 Resp: 46

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 633.3 | 6.5 | 46.5# |
| 105 | 282.1 | 20.4 | 60.4# |

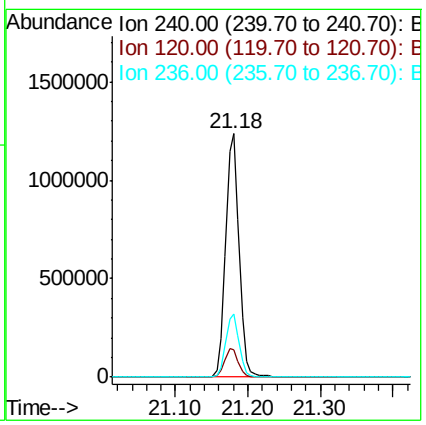


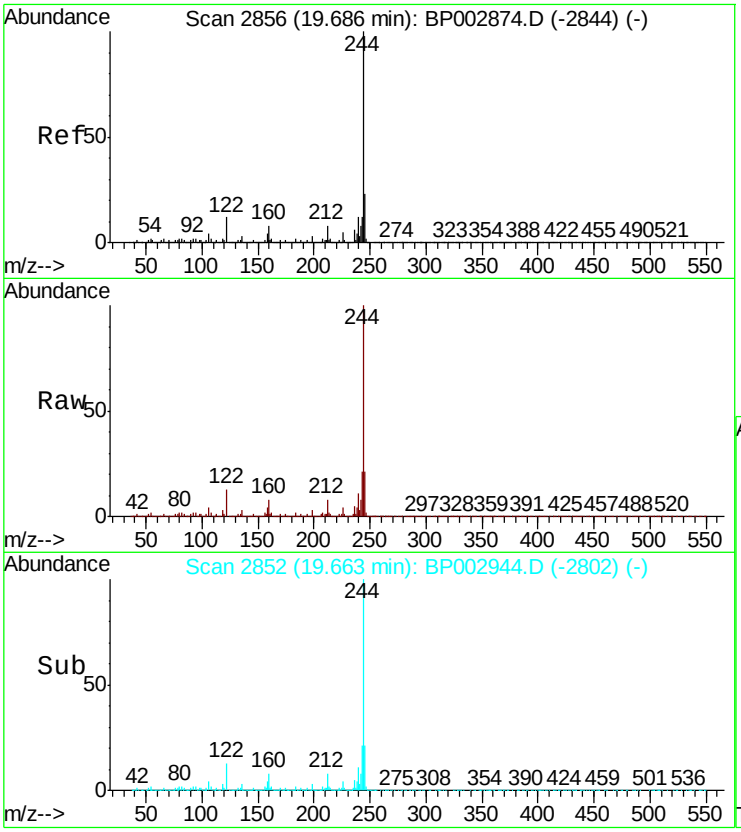




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.18 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion:240 Resp: 1597847

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.2 | 10.6 | 16.0 |
| 236 | 25.9 | 20.7 | 31.1 |



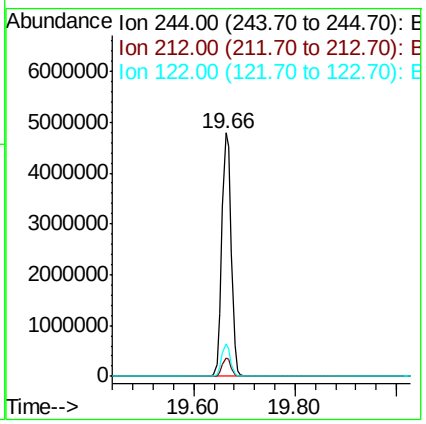


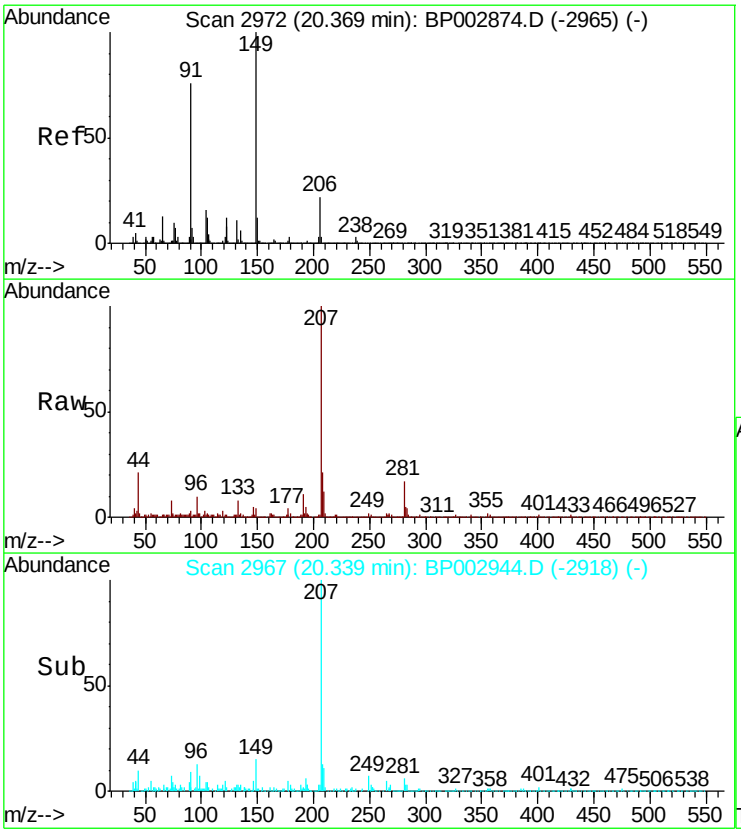

#79
Terphenyl-d14
Concen: 77.245 ng
RT: 19.66 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:244 Resp: 6165251

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.3 | 9.5 |
| 122 | 13.3 | 9.9 | 14.9 |

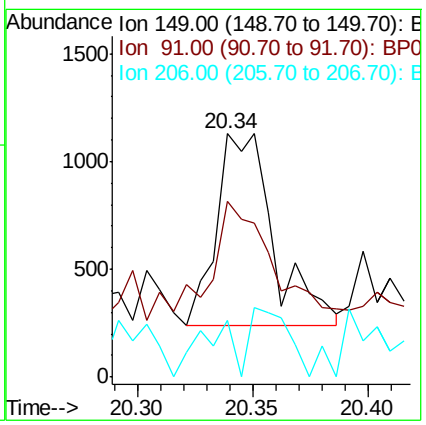


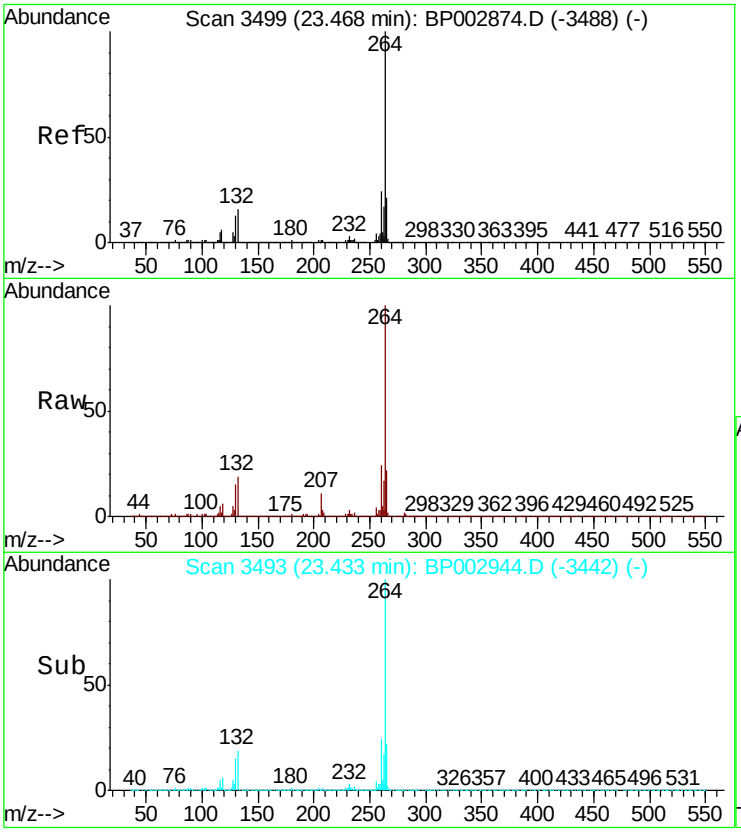




#80
Butylbenzylphthalate
Concen: 3.089 ng
RT: 20.34 min Scan# 2967
Delta R.T. -0.01 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

Tgt Ion:149 Resp: 1515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 72.5 | 46.5 | 69.7# |
| 206 | 23.4 | 17.2 | 25.8 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 23.43 min Scan# 3493
Delta R.T. -0.00 min
Lab File: BP002944.D
Acq: 11 Aug 2020 18:27

**Instrument :**
BNA_P
**ClientSampleId :**
SS-TP-1

Tgt Ion:264 Resp: 1512437

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.7 | 28.1 |
| 265 | 21.9 | 17.6 | 26.4 |