Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002669.D
Acq On : 08 Jul 2020 11:46
Operator : CG/JU
Sample : L3217-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** E3-41-NHSRE

Quant Time: Jul 08 13:11:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.58 | 152 | 206061 | 20.00 | ng | | 0.00 |
| 21) Naphthalene-d8 | 10.34 | 136 | 870901 | 20.00 | ng | | 0.00 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 545773 | 20.00 | ng | | 0.00 |
| 64) Phenanthrene-d10 | 16.97 | 188 | 1204482 | 20.00 | ng | | 0.00 |
| 76) Chrysene-d12 | 21.09 | 240 | 1397358 | 20.00 | ng | | 0.00 |
| 86) Perylene-d12 | 23.28 | 264 | 1621773 | 20.00 | ng | | 0.00 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.20 | 112 | 293258 | 24.10 | ng | | 0.01 |
| 7) Phenol-d6 | 6.84 | 99 | 618526 | 36.41 | ng | | 0.07 |
| 23) Nitrobenzene-d5 | 8.72 | 82 | 756878 | 44.78 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.72 | 330 | 336643 | 50.71 | ng | | 0.00 |
| 45) 2-Fluorobiphenyl | 12.83 | 172 | 1774732 | 47.86 | ng | | 0.00 |
| 79) Terphenyl-d14 | 19.57 | 244 | 2969858 | 45.88 | ng | | 0.00 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 6.71 | 77 | 928 | Below Cal | | # | 64 |
| 32) Benzoic acid | 9.73 | 122 | 672 | 8.756 | ng | # | 47 |
| 41) Hexachlorocyclopentadiene | 12.26 | 237 | 12 | 4.383 | ng | | 93 |
| 50) Dimethylphthalate | 13.68 | 163 | 148568 | 3.466 | ng | | 99 |
| 53) 3-Nitroaniline | 14.35 | 138 | 22901 | 2.272 | ng | # | 56 |
| 54) 2,4-Dinitrophenol | 14.35 | 184 | 5902 | 6.955 | ng | # | 1 |
| 56) 4-Nitrophenol | 14.52 | 139 | 254 | 2.467 | ng | # | 1 |
| 65) 4,6-Dinitro-2-methylphenol | 15.37 | 198 | 68 | 2.718 | ng | # | 1 |
| 70) Pentachlorophenol | 16.67 | 266 | 246 | 2.690 | ng | | 87 |
| 77) Benzidine | 19.20 | 184 | 1755 | 3.783 | ng | # | 1 |

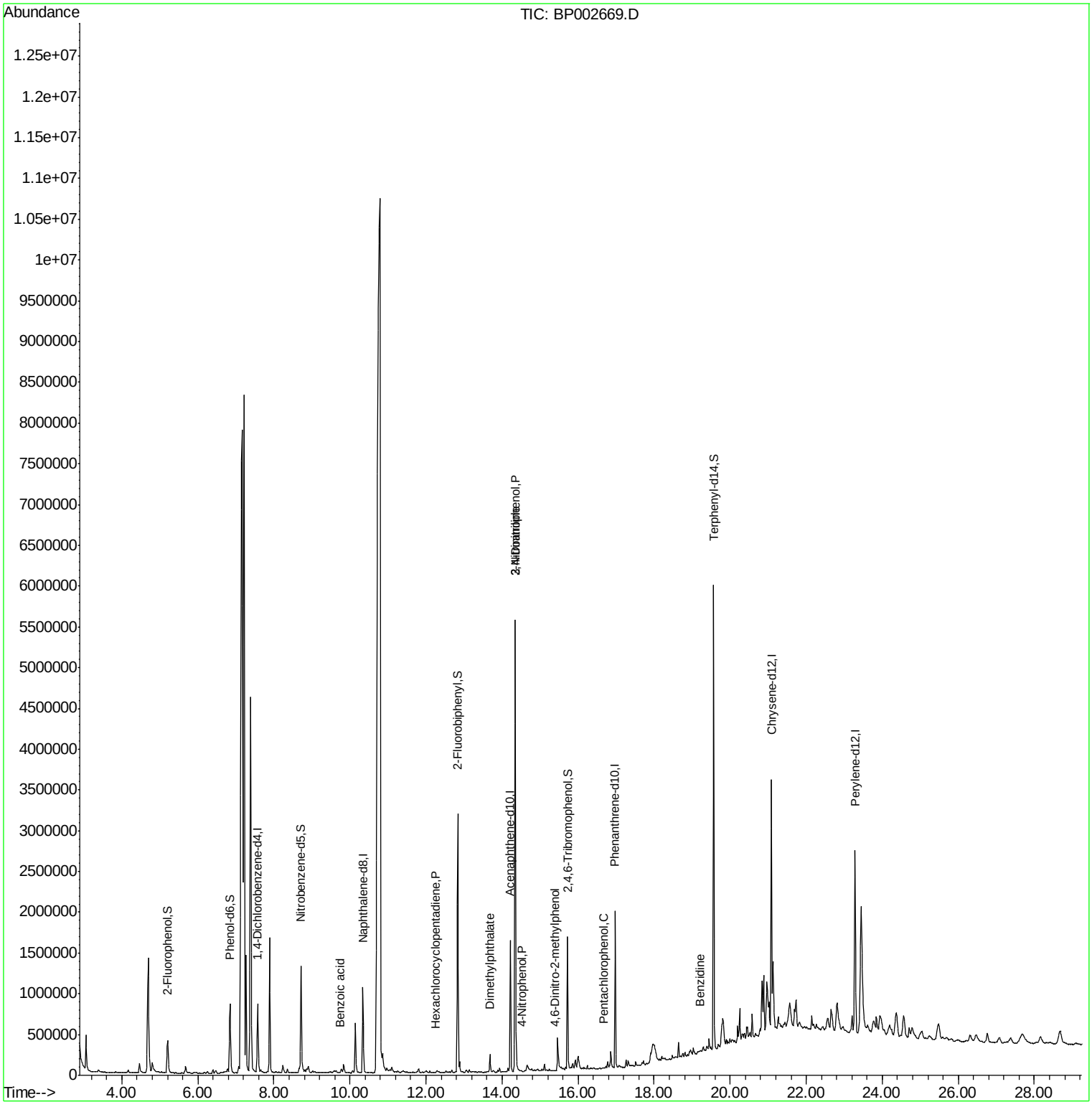
(#) = qualifier out of range (m) = manual integration (+) = signals summed

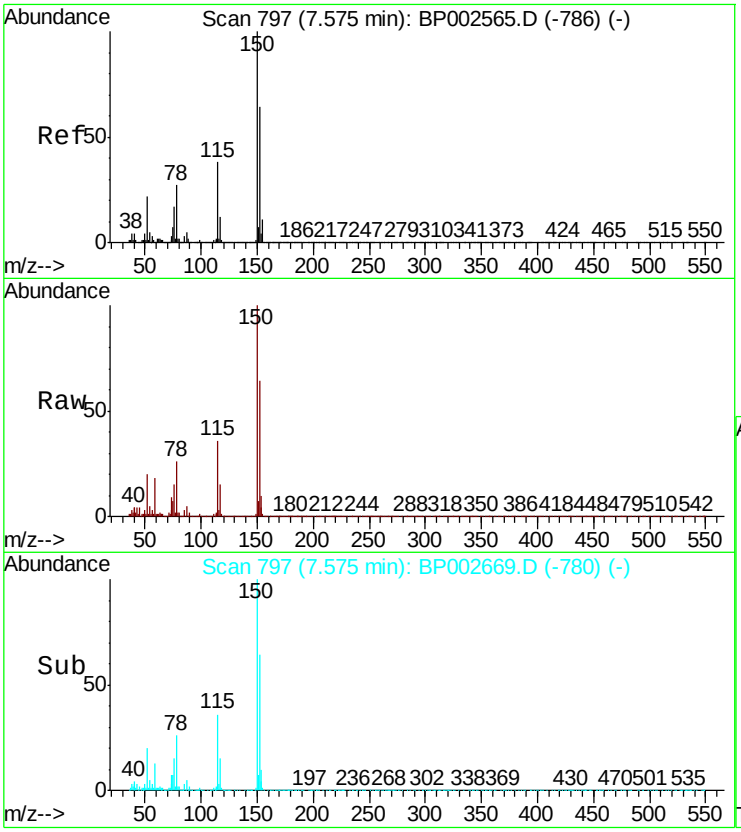
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070820\
Data File : BP002669.D
Acq On : 08 Jul 2020 11:46
Operator : CG/JU
Sample : L3217-02RE
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Quant Time: Jul 08 13:11:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 29 16:51:57 2020
Response via : Initial Calibration



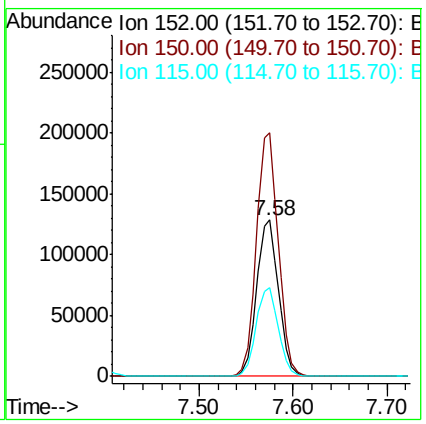


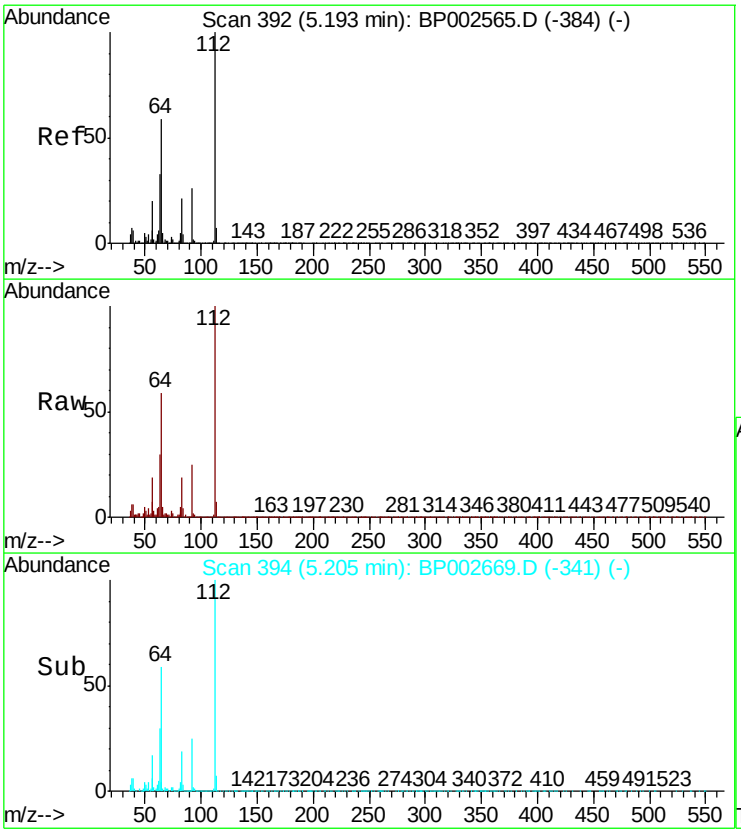

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.00 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:152 Resp: 206061

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 155.8 | 124.2 | 186.2 |
| 115 | 56.8 | 47.1 | 70.7 |

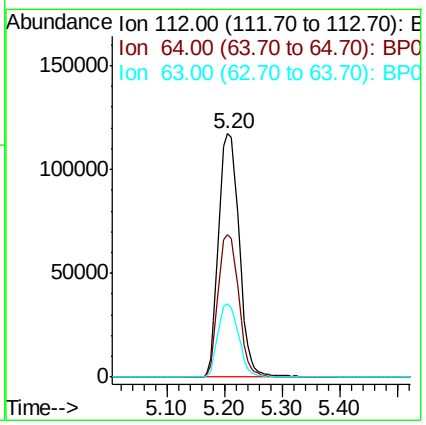


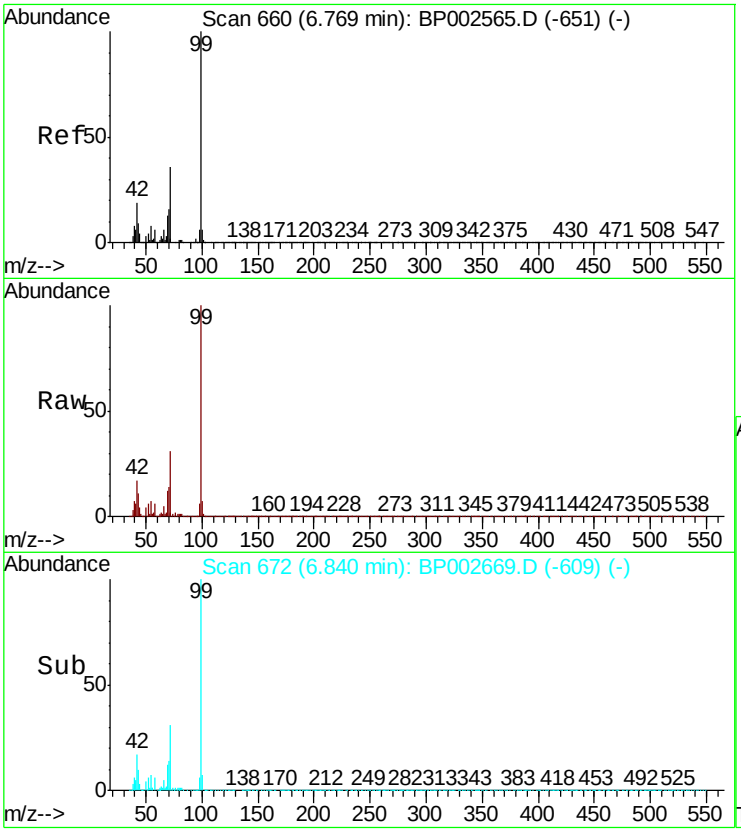




#5
2-Fluorophenol
Concen: 24.096 ng
RT: 5.20 min Scan# 394
Delta R.T. 0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:112 Resp: 293258

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.7 | 47.0 | 70.6 |
| 63 | 29.9 | 26.1 | 39.1 |



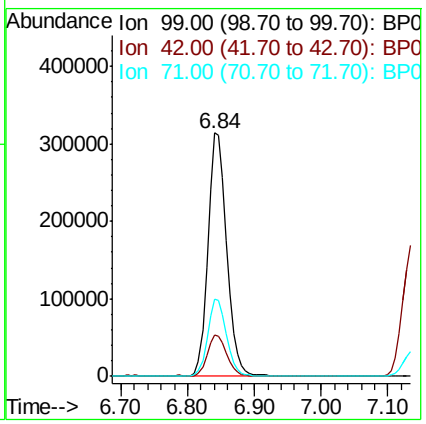


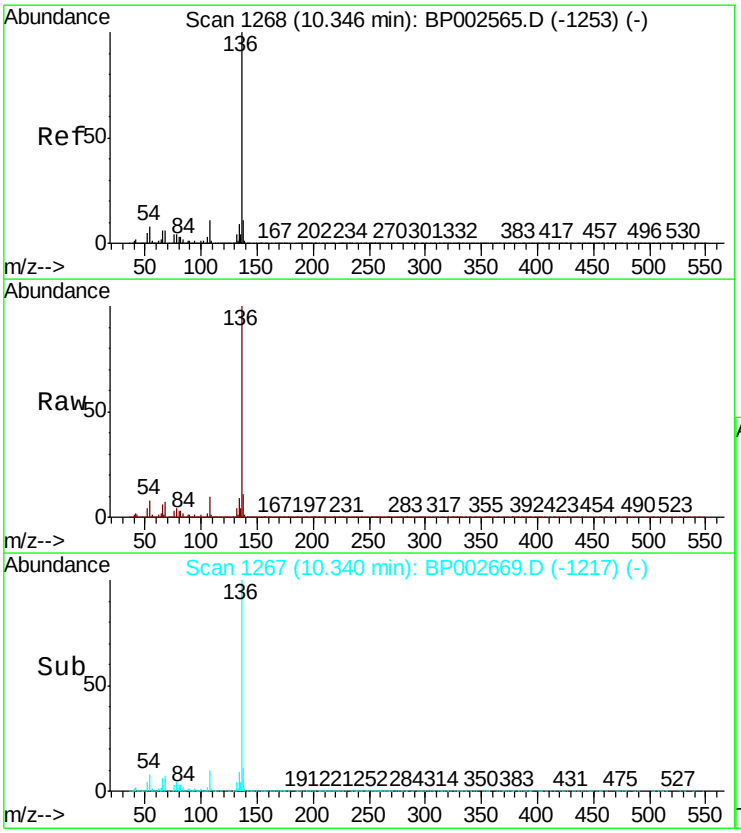

#7
Phenol-d6
Concen: 36.412 ng
RT: 6.84 min Scan# 672
Delta R.T. 0.07 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion: 99 Resp: 618526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.8 | 15.5 | 23.3 |
| 71 | 31.5 | 28.9 | 43.3 |

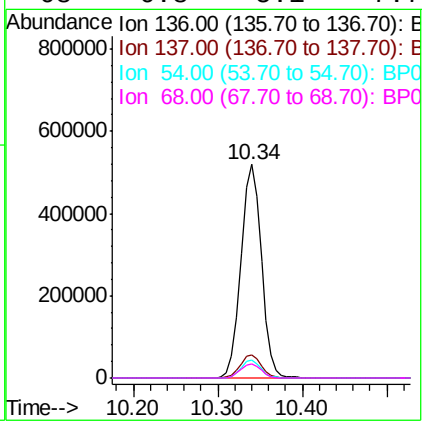


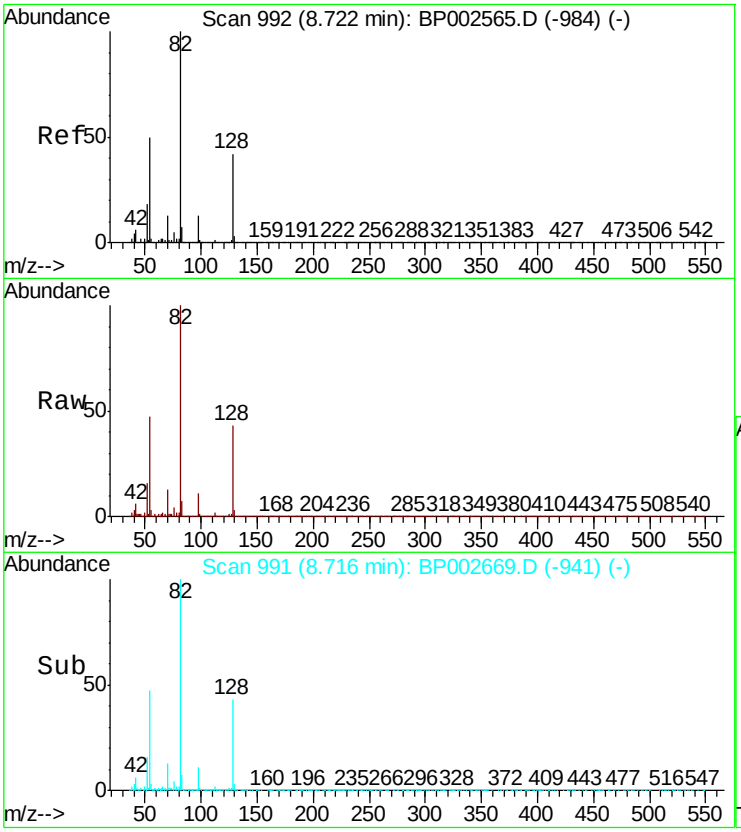




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:136 Resp: 870901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.8 | 8.8 | 13.2 |
| 54 | 8.2 | 6.4 | 9.6 |
| 68 | 6.8 | 5.1 | 7.7 |



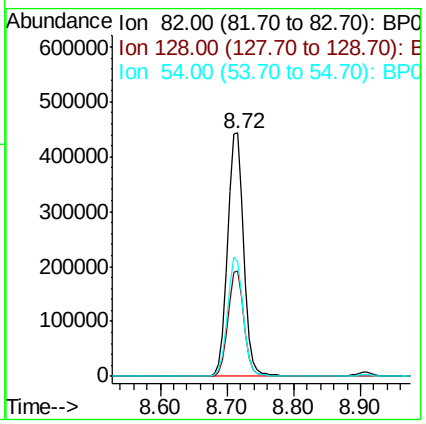


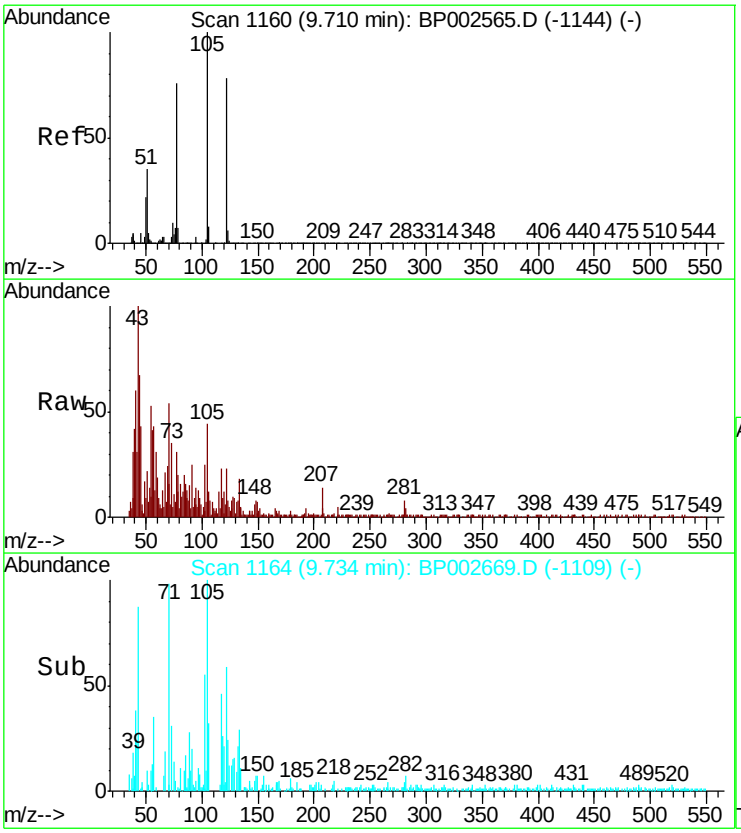

#23
Nitrobenzene-d5
Concen: 44.779 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion: 82 Resp: 756878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.5 | 33.4 | 50.2 |
| 54 | 46.9 | 40.1 | 60.1 |

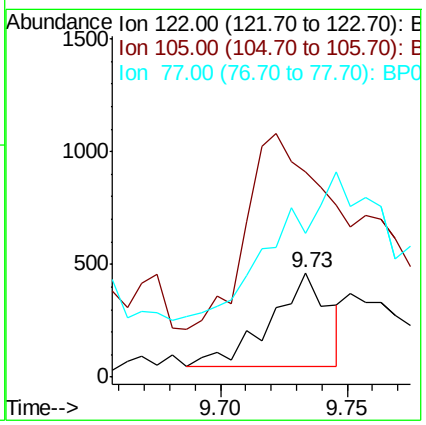


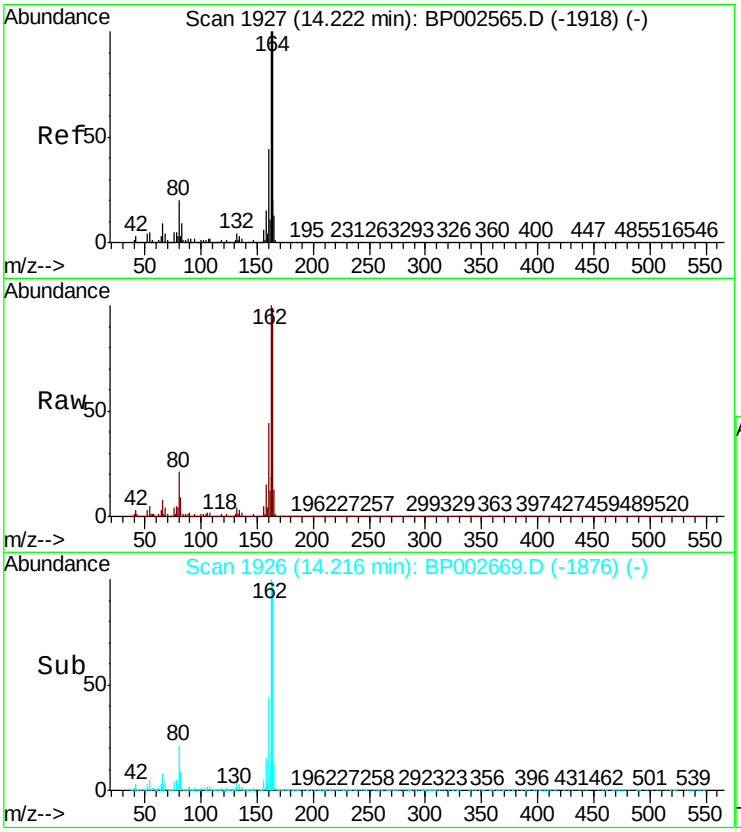




#32
Benzoic acid
Concen: 8.756 ng
RT: 9.73 min Scan# 1164
Delta R.T. 0.02 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:122 Resp: 672

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 196.5 | 106.6 | 146.6# |
| 77 | 138.0 | 76.5 | 116.5# |



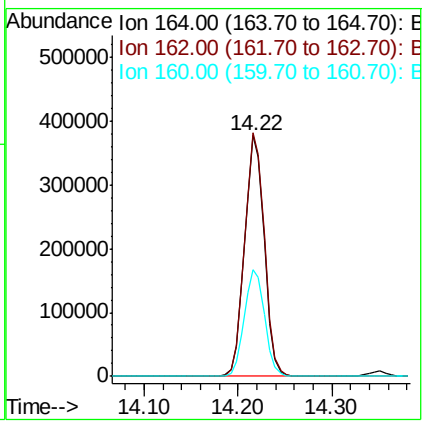


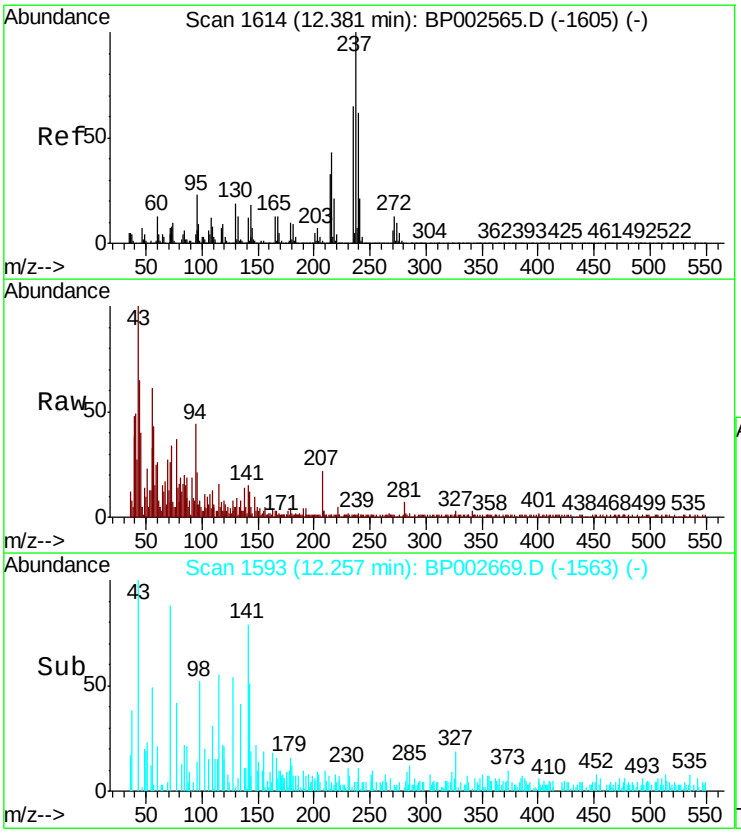

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:164 Resp: 545773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 101.0 | 80.3 | 120.5 |
| 160 | 44.4 | 35.0 | 52.6 |

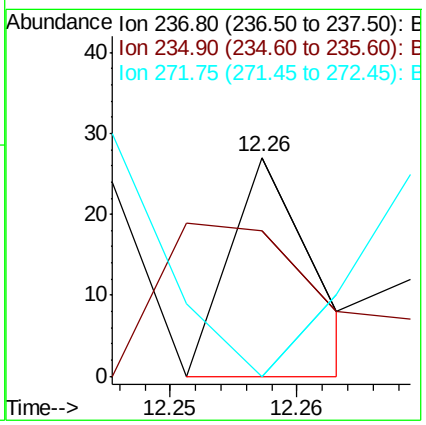


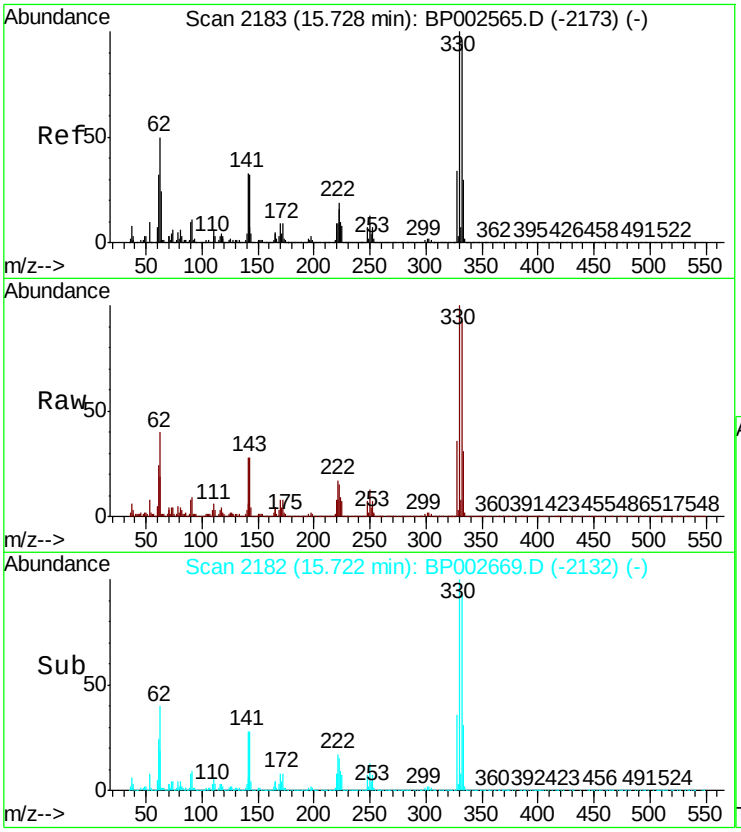




#41
Hexachlorocyclopentadiene
Concen: 4.383 ng
RT: 12.26 min Scan# 1593
Delta R.T. -0.12 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:237 Resp: 12

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 66.7 | 45.4 | 85.4 |
| 272 | 0.0 | 0.0 | 32.6 |



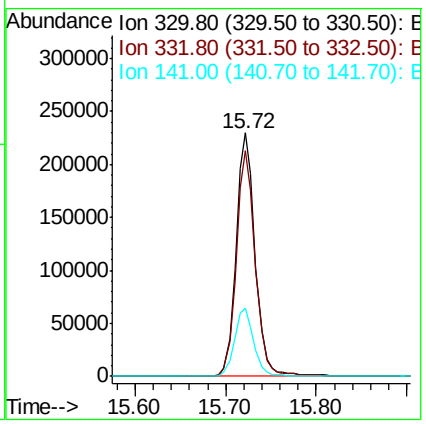


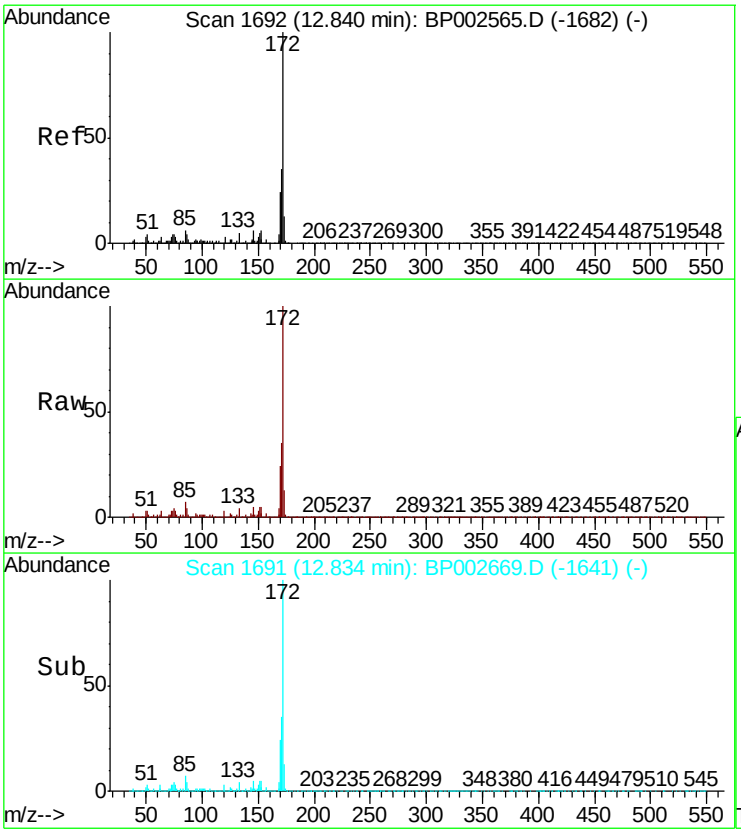

#42
2,4,6-Tribromophenol
Concen: 50.713 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:330 Resp: 336643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 93.3 | 77.7 | 116.5 |
| 141 | 28.2 | 29.0 | 43.6# |

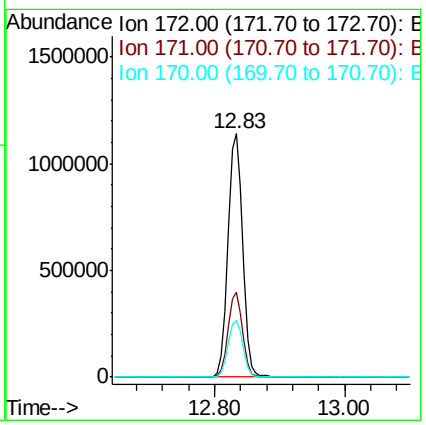


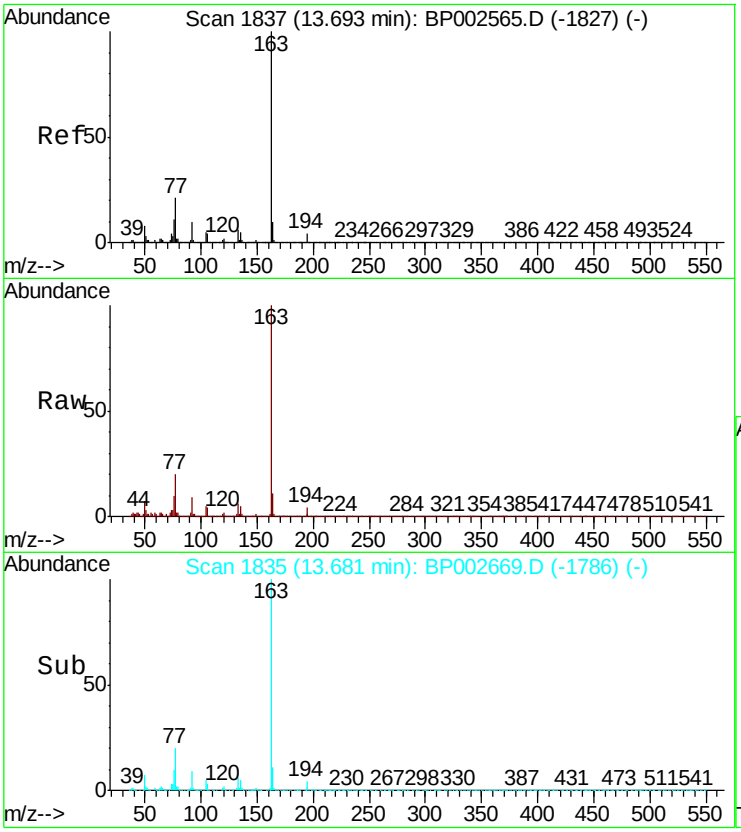




#45
2-Fluorobiphenyl
Concen: 47.861 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:172 Resp: 1774732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.0 | 42.0 |
| 170 | 23.5 | 19.0 | 28.4 |



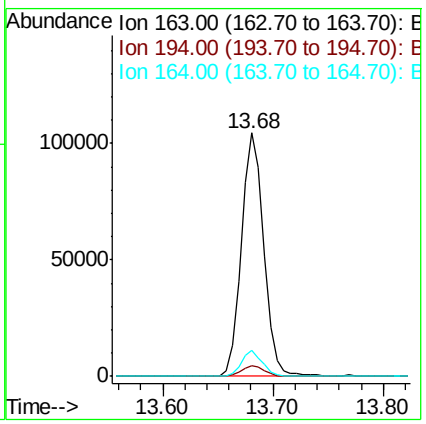


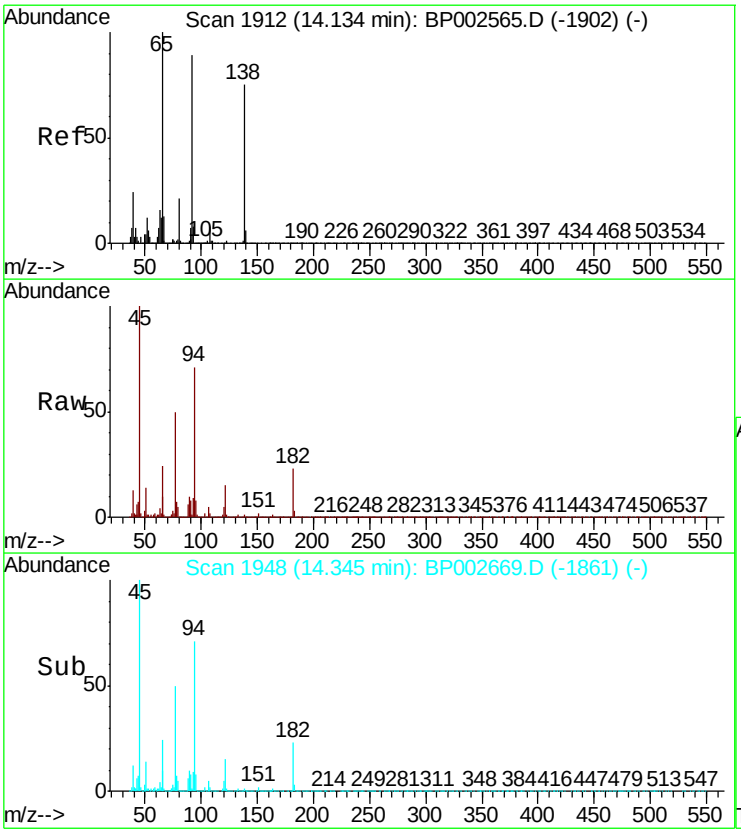

#50
Dimethylphthalate
Concen: 3.466 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:163 Resp: 148568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.3 | 3.4 | 5.0 |
| 164 | 10.5 | 8.2 | 12.4 |

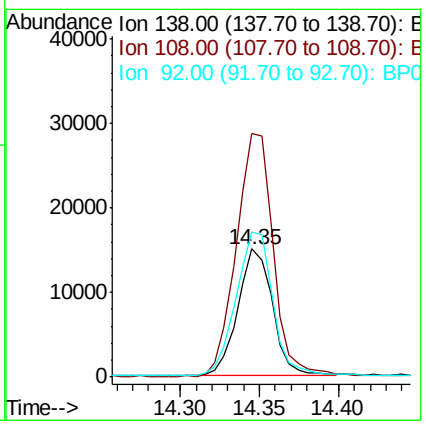


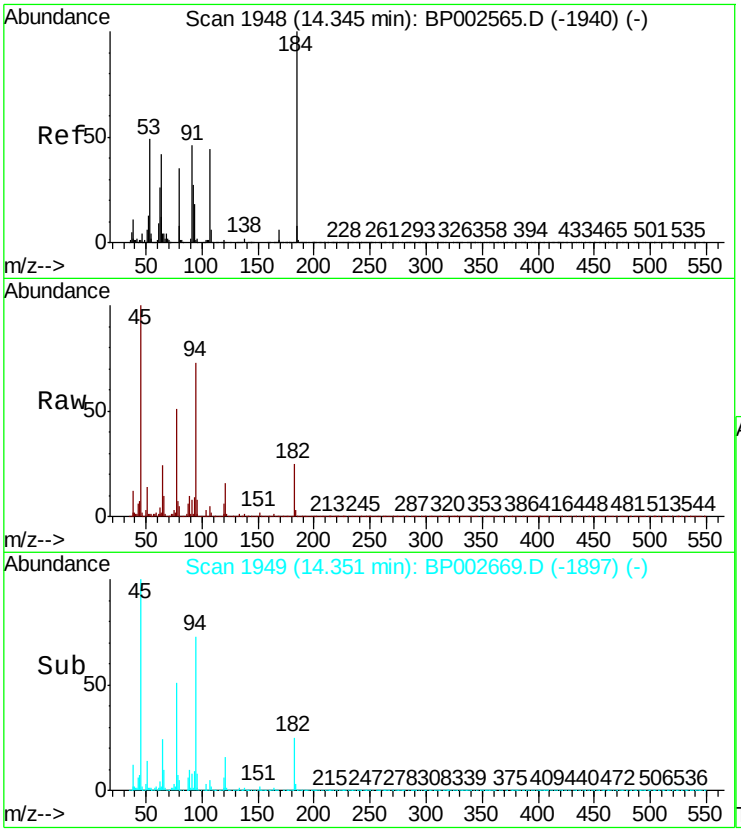




#53
3-Nitroaniline
Concen: 2.272 ng
RT: 14.35 min Scan# 1948
Delta R.T. 0.21 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:138 Resp: 22901

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 138 | 100 | | |
| 108 | 189.9 | 8.6 | 12.8# |
| 92 | 112.8 | 94.9 | 142.3 |



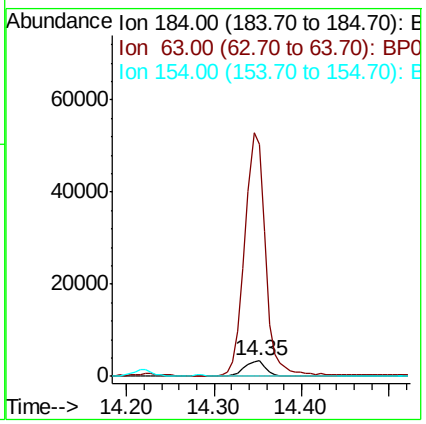


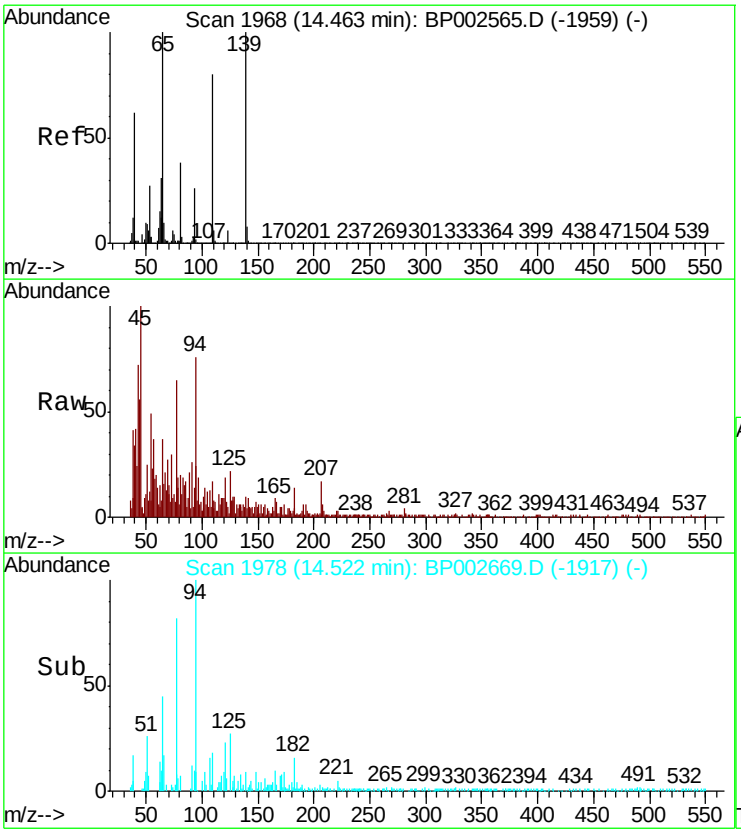

#54
2,4-Dinitrophenol
Concen: 6.955 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:184 Resp: 5902

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 1503.0 | 56.2 | 84.2# |
| 154 | 6.0 | 50.9 | 76.3# |

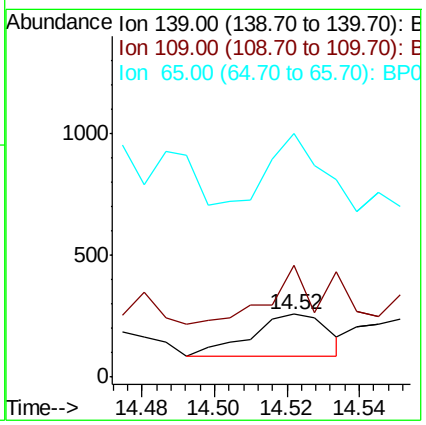


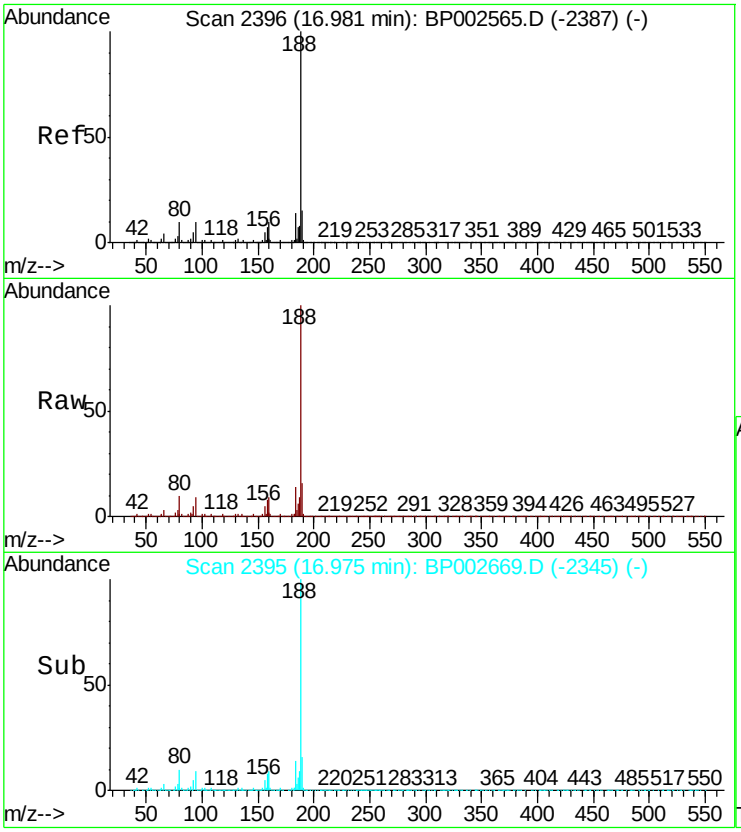




#56
4-Nitrophenol
Concen: 2.467 ng
RT: 14.52 min Scan# 1978
Delta R.T. 0.06 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:139 Resp: 254

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 179.0 | 60.1 | 100.1# |
| 65 | 388.7 | 80.3 | 120.3# |



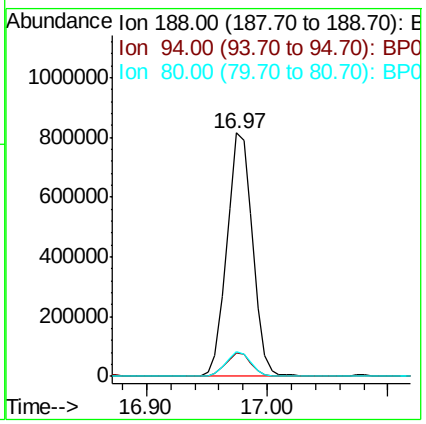


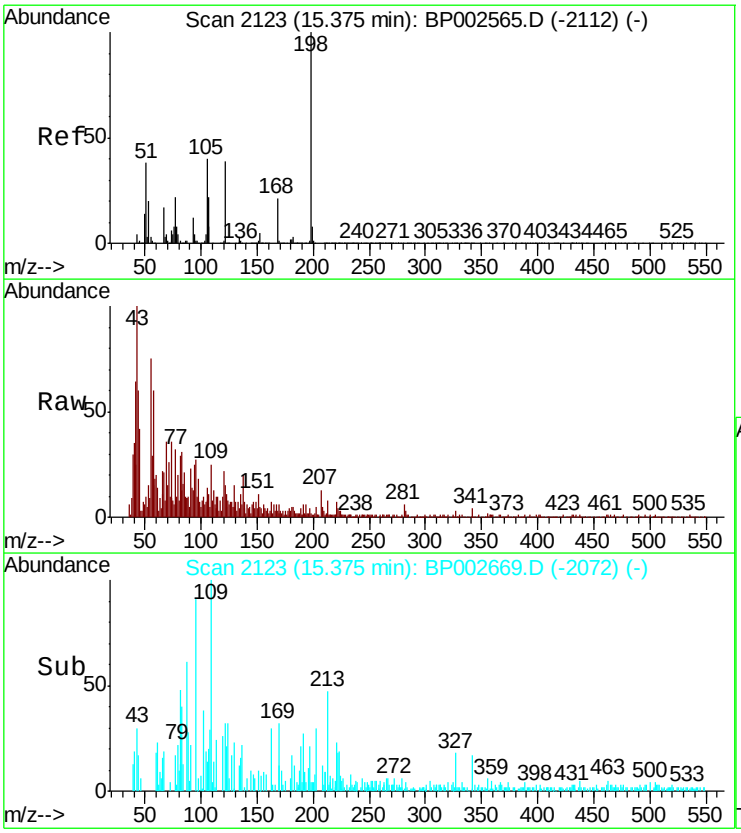

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:188 Resp: 1204482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.5 | 7.8 | 11.6 |
| 80 | 10.4 | 8.2 | 12.4 |

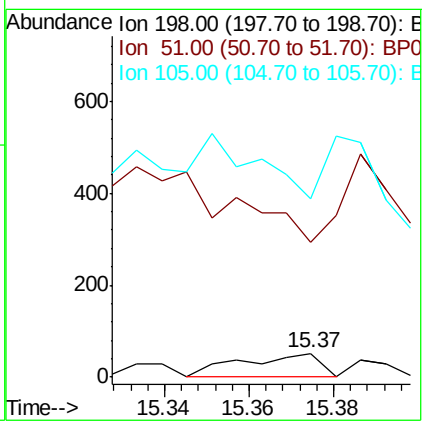


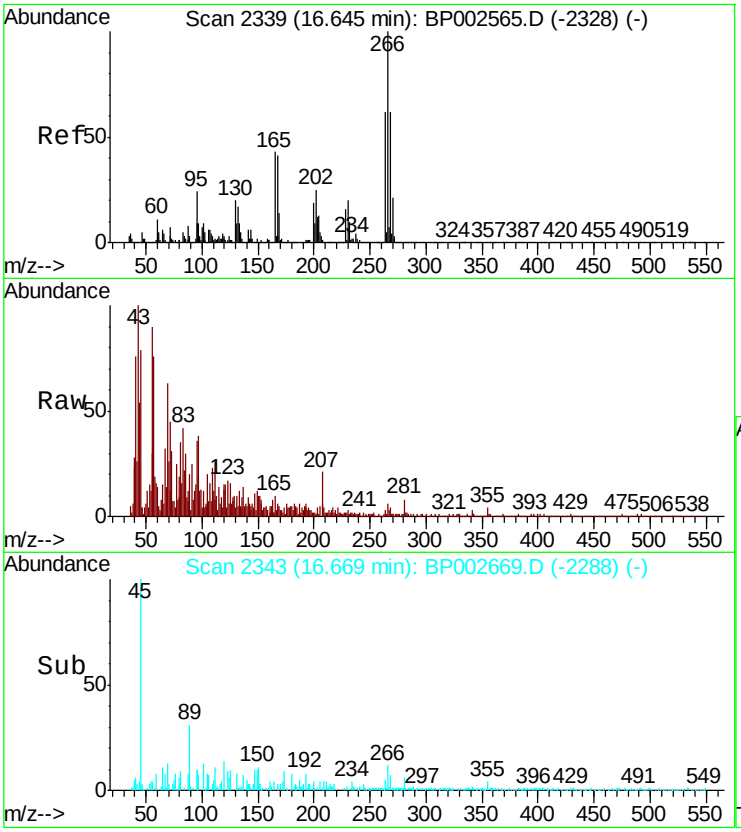




#65
4,6-Dinitro-2-methylphenol
Concen: 2.718 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.00 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:198 Resp: 68

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 565.4 | 24.2 | 64.2# |
| 105 | 746.2 | 20.7 | 60.7# |



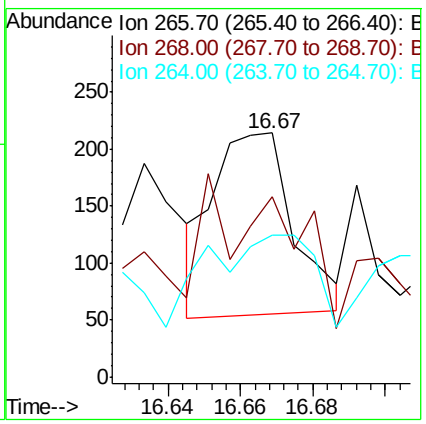


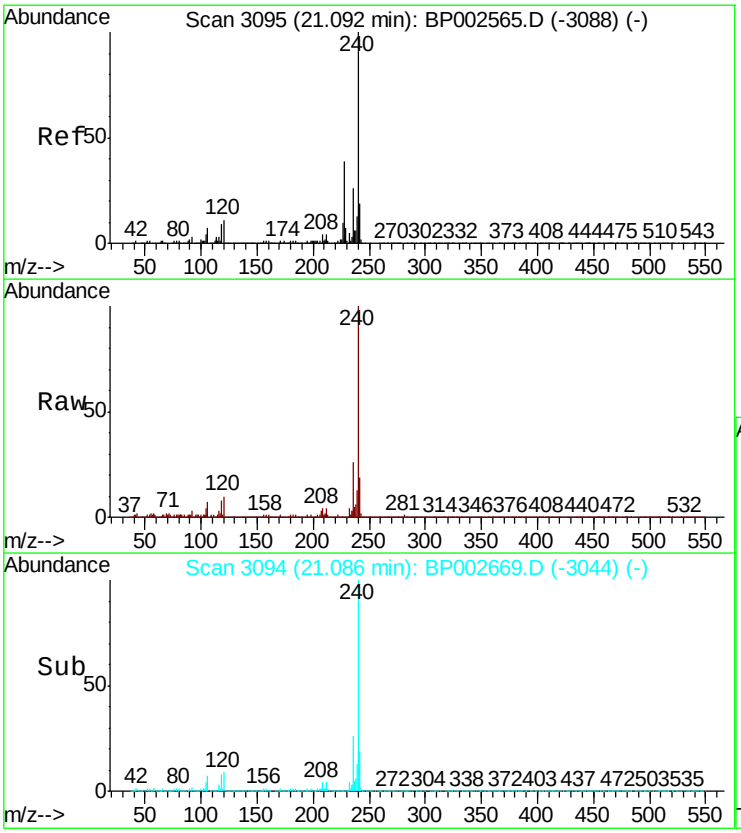

#70
Pentachlorophenol
Concen: 2.690 ng
RT: 16.67 min Scan# 2343
Delta R.T. 0.02 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:266 Resp: 246

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 73.8 | 49.7 | 74.5 |
| 264 | 70.1 | 49.3 | 73.9 |

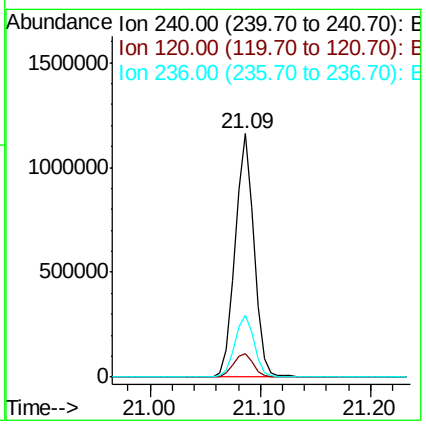


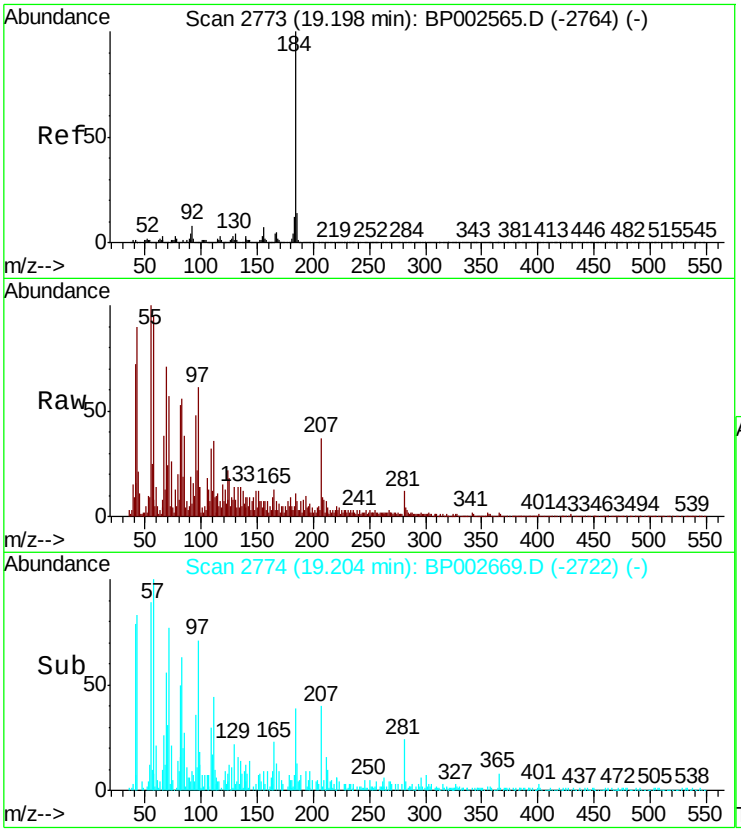




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:240 Resp: 1397358

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.6 | 8.6 | 13.0 |
| 236 | 25.6 | 20.8 | 31.2 |



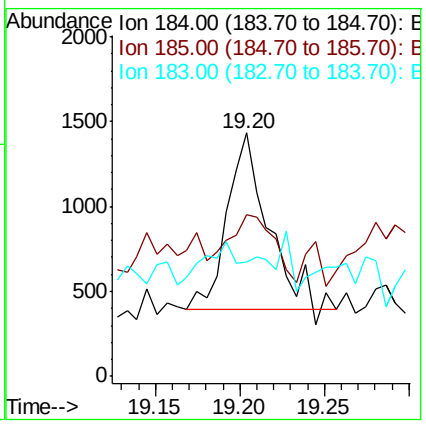


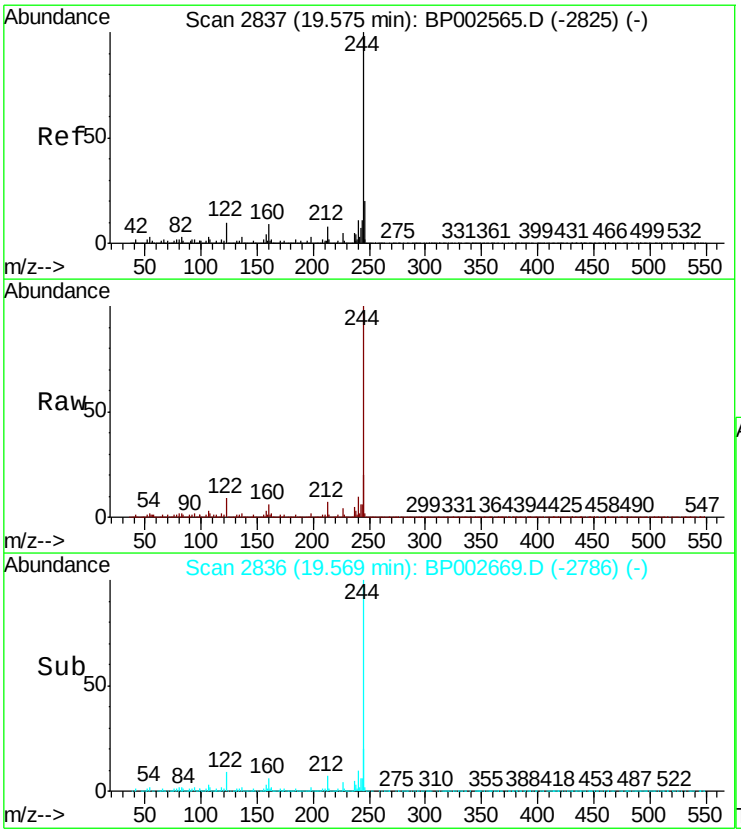

#77
Benzidine
Concen: 3.783 ng
RT: 19.20 min Scan# 2774
Delta R.T. 0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:184 Resp: 1755

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 66.5 | 11.4 | 17.2# |
| 183 | 46.9 | 9.2 | 13.8# |

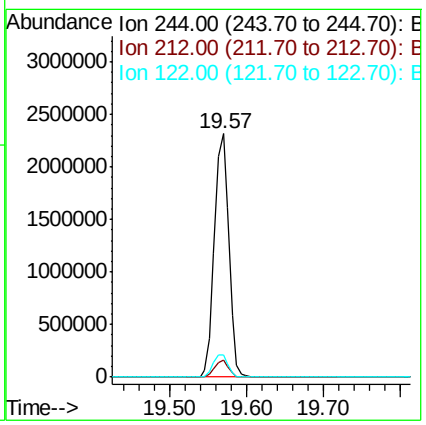


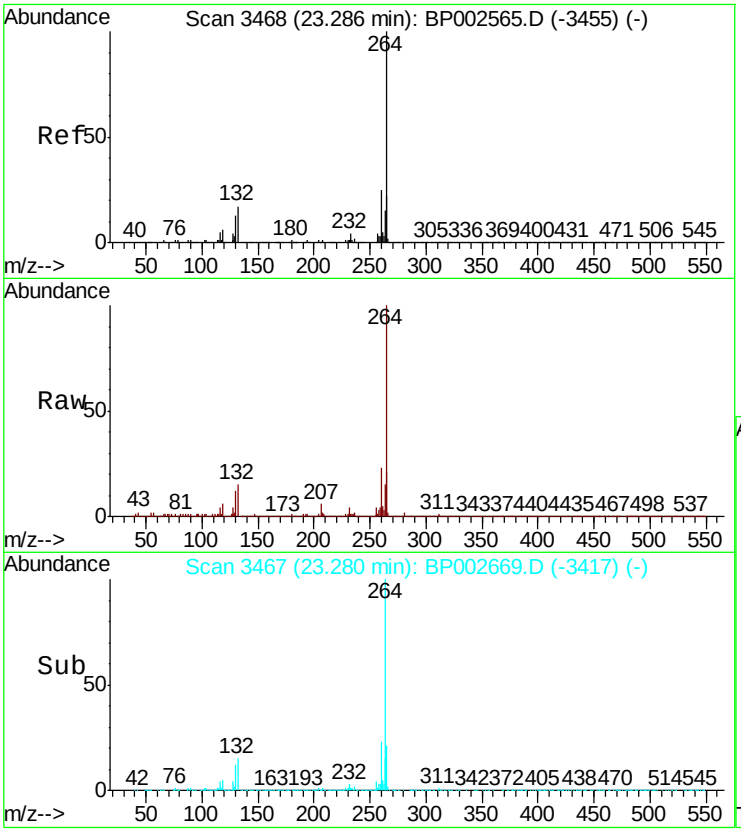




#79
Terphenyl-d14
Concen: 45.875 ng
RT: 19.57 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

Tgt Ion:244 Resp: 2969858

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 6.9 | 6.5 | 9.7 |
| 122 | 9.1 | 7.9 | 11.9 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002669.D
Acq: 08 Jul 2020 11:46

**Instrument :**
BNA_P
**ClientSampleId :**
E3-41-NHSRE

Tgt Ion:264 Resp: 1621773

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.9 | 19.7 | 29.5 |
| 265 | 20.8 | 17.6 | 26.4 |