Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002701.D
Acq On : 09 Jul 2020 17:23
Operator : CG/JU
Sample : PB130037BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_P
**ClientSampleId :** PB130037BL

Quant Time: Jul 09 17:53:10 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 | 7.57 | 152 | 69937 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.34 | 136 | 323263 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.22 | 164 | 233224 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.97 | 188 | 569033 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.09 | 240 | 796724 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 23.28 | 264 | 927530 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.19 | 112 | 532842 | 129.00 | ng | 0.00 |
| 7) Phenol-d6 | 6.77 | 99 | 762334 | 132.23 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.71 | 82 | 542396 | 86.45 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 15.72 | 330 | 366376 | 129.16 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.83 | 172 | 1350760 | 85.24 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.56 | 244 | 2958418 | 80.15 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 6.70 | 77 | 65 | Below Cal | # | 43 |
| 32) Benzoic acid | 9.72 | 122 | 38 | 8.708 | ng | # 1 |
| 41) Hexachlorocyclopentadiene | 12.40 | 237 | 32 | 4.390 | ng | 76 |
| 54) 2,4-Dinitrophenol | 14.35 | 184 | 19 | 6.016 | ng | # 27 |
| 56) 4-Nitrophenol | 14.44 | 139 | 30 | 2.445 | ng | # 1 |
| 65) 4,6-Dinitro-2-methylphenol | 15.38 | 198 | 11 | 2.713 | ng | # 1 |
| 70) Pentachlorophenol | 16.63 | 266 | 17 | 2.666 | ng | # 69 |
| 77) Benzidine | 19.19 | 184 | 36 | 3.757 | ng | # 57 |

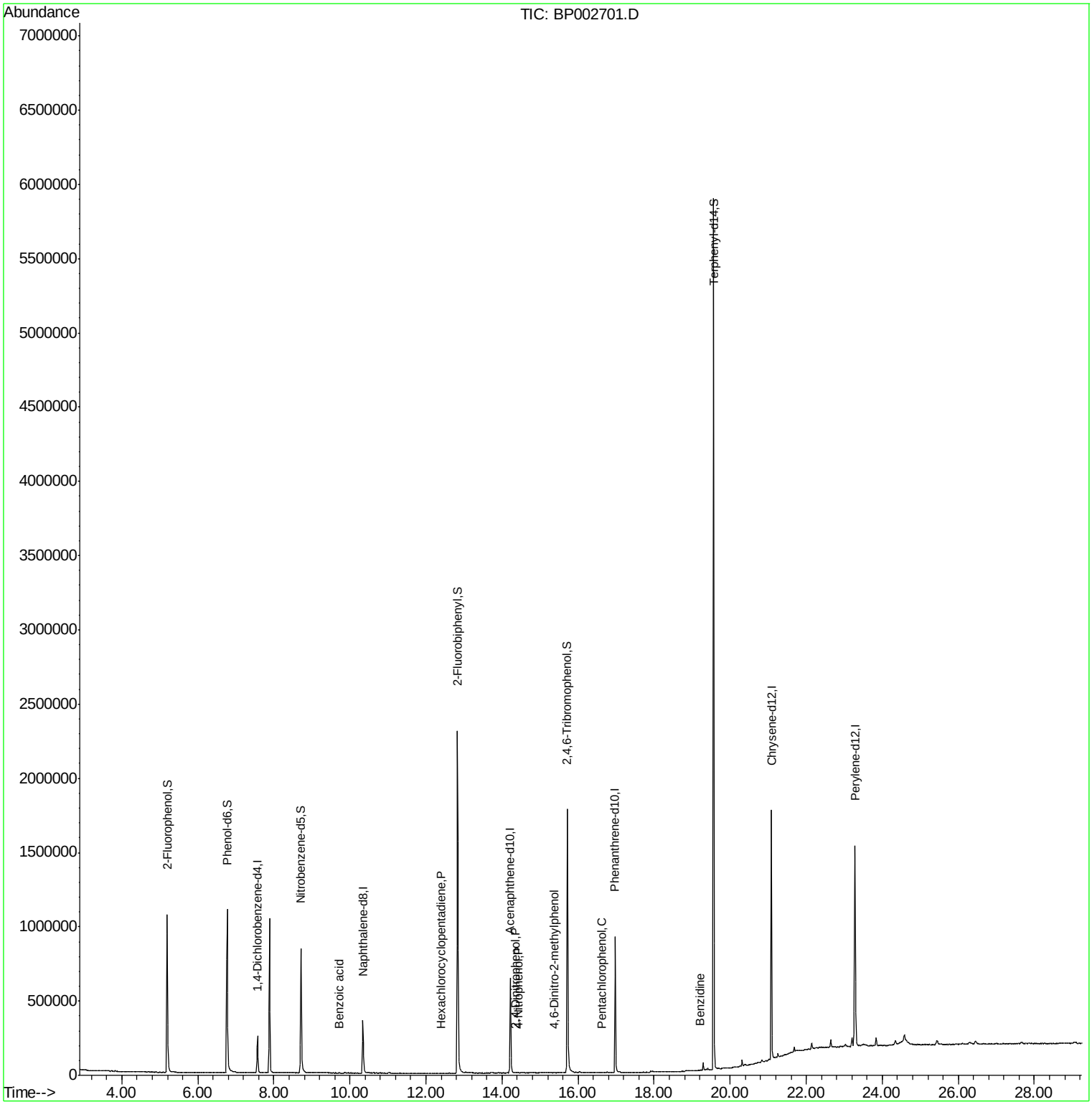
(#) = qualifier out of range (m) = manual integration (+) = signals summed

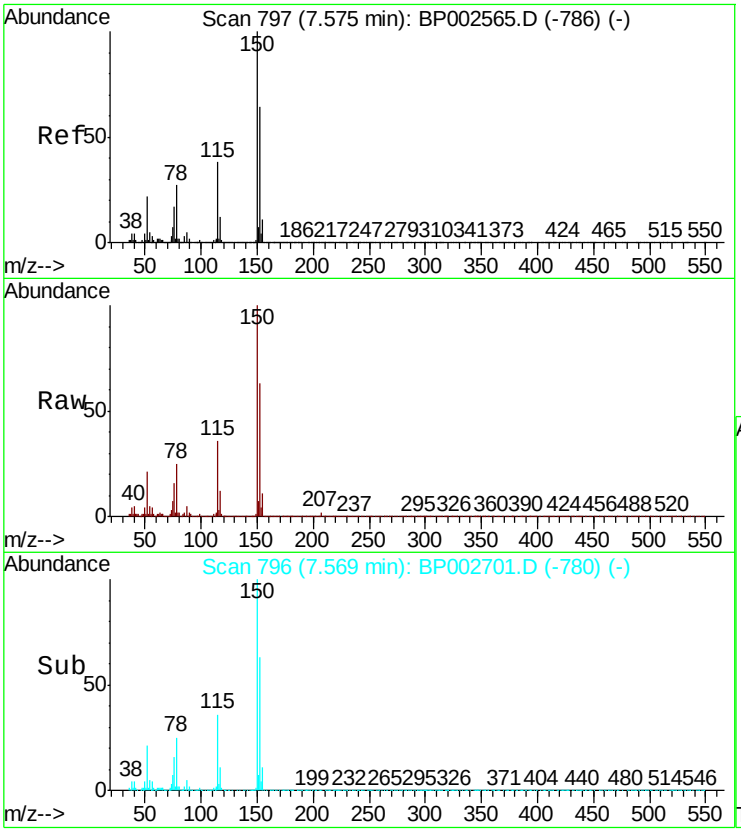
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
Data File : BP002701.D
Acq On : 09 Jul 2020 17:23
Operator : CG/JU
Sample : PB130037BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Quant Time: Jul 09 17:53:10 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



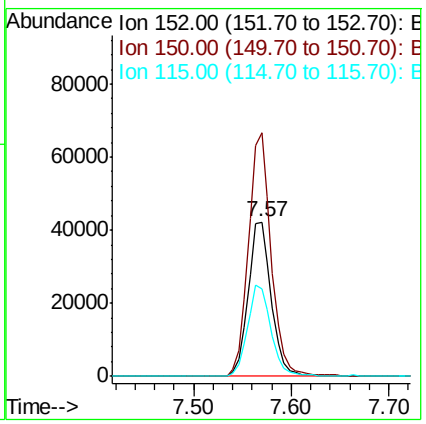


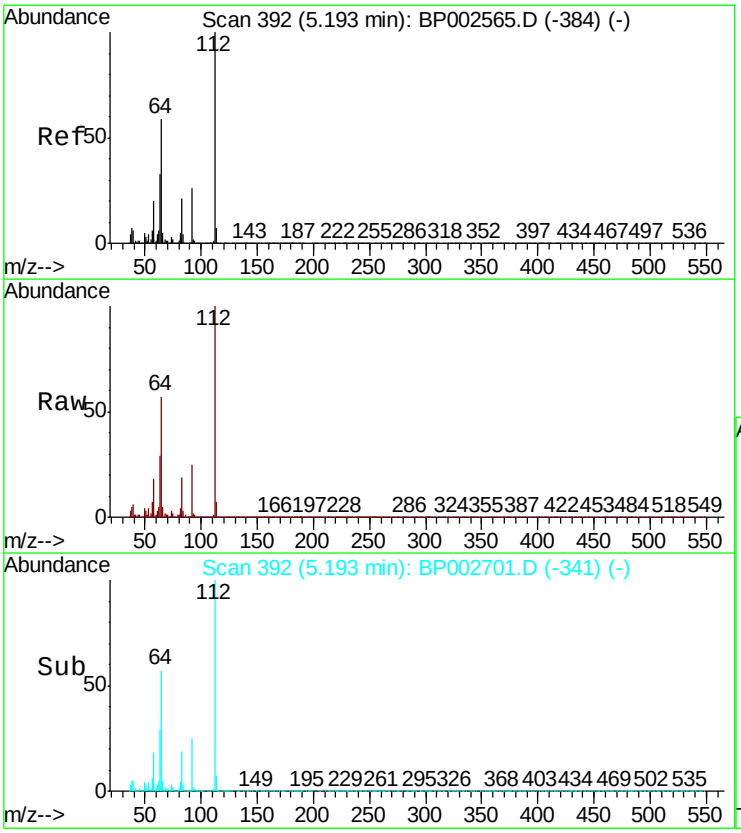

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion:152 Resp: 69937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.0 | 124.2 | 186.2 |
| 115 | 56.7 | 47.1 | 70.7 |

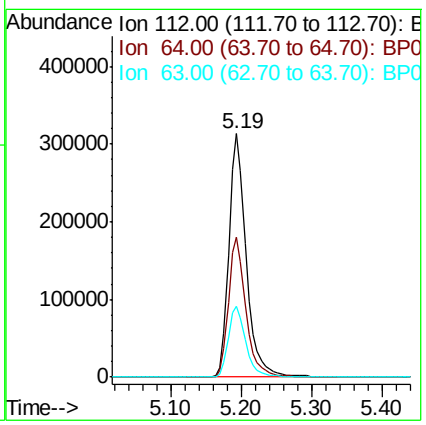


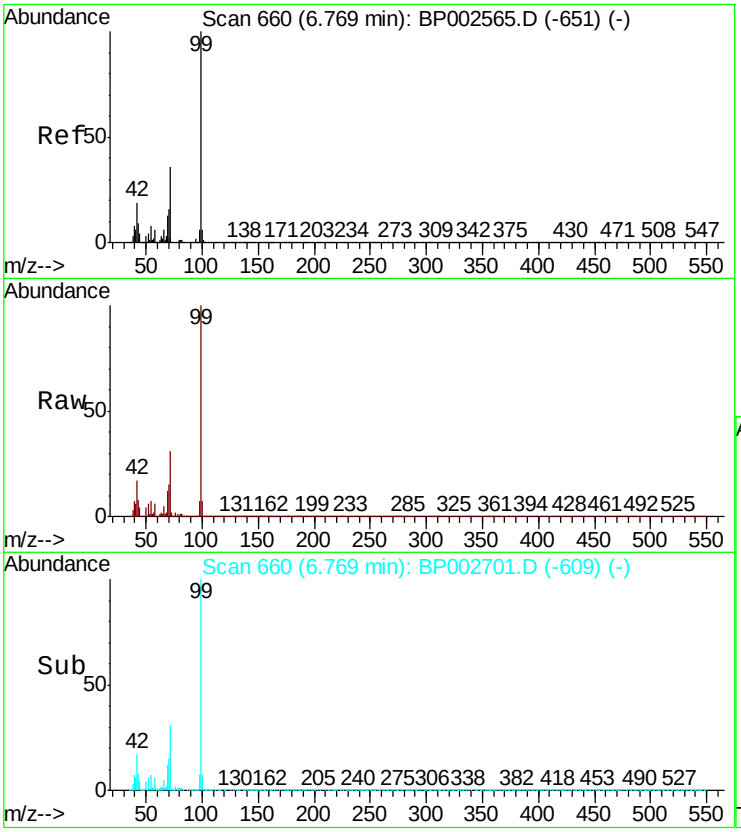

#5
2-Fluorophenol
Concen: 128.996 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:112 Resp: 532842

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 57.4 | 47.0 | 70.6 |
| 63 | 29.2 | 26.1 | 39.1 |



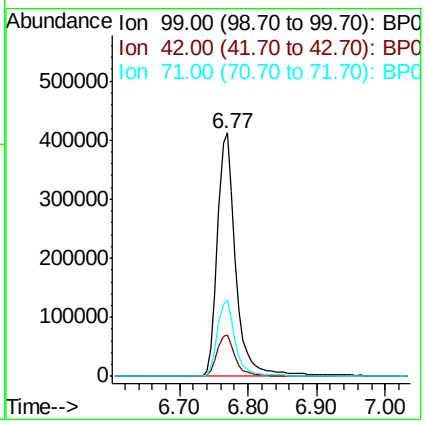
**Instrument :** BNA_P
**ClientSampleId :** PB130037BL

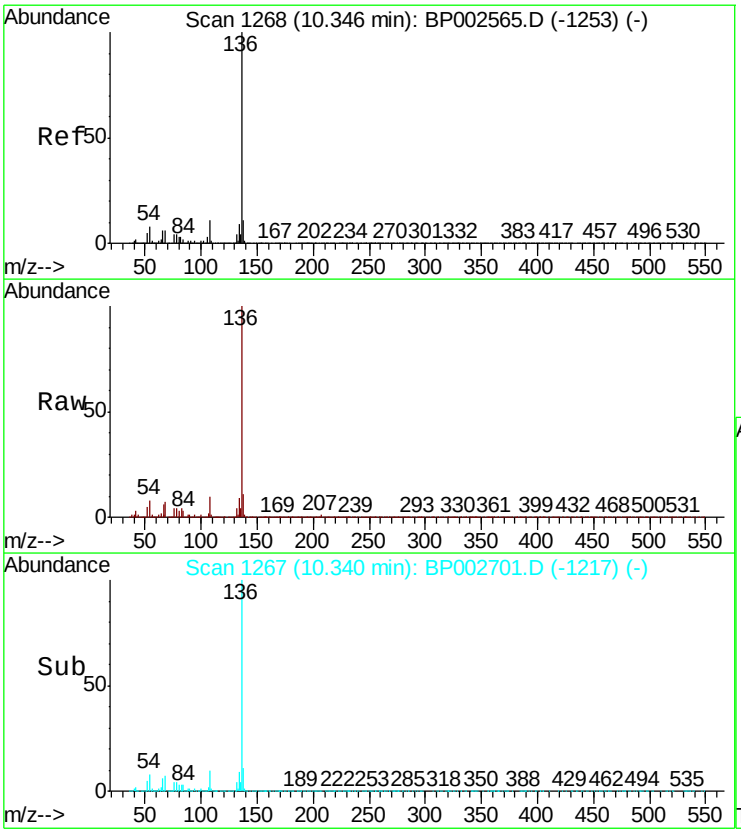



#7
Phenol-d6
Concen: 132.227 ng
RT: 6.77 min Scan# 660
Delta R.T. 0.00 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion: 99 Resp: 762334

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 15.5 | 23.3 |
| 71 | 31.1 | 28.9 | 43.3 |

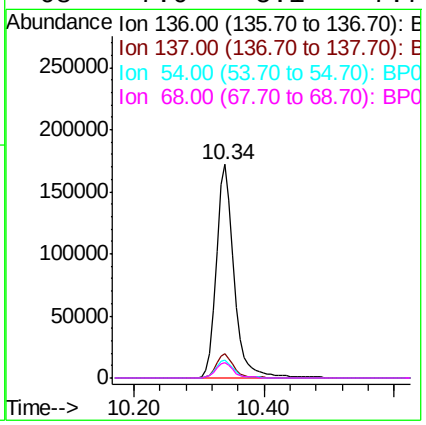


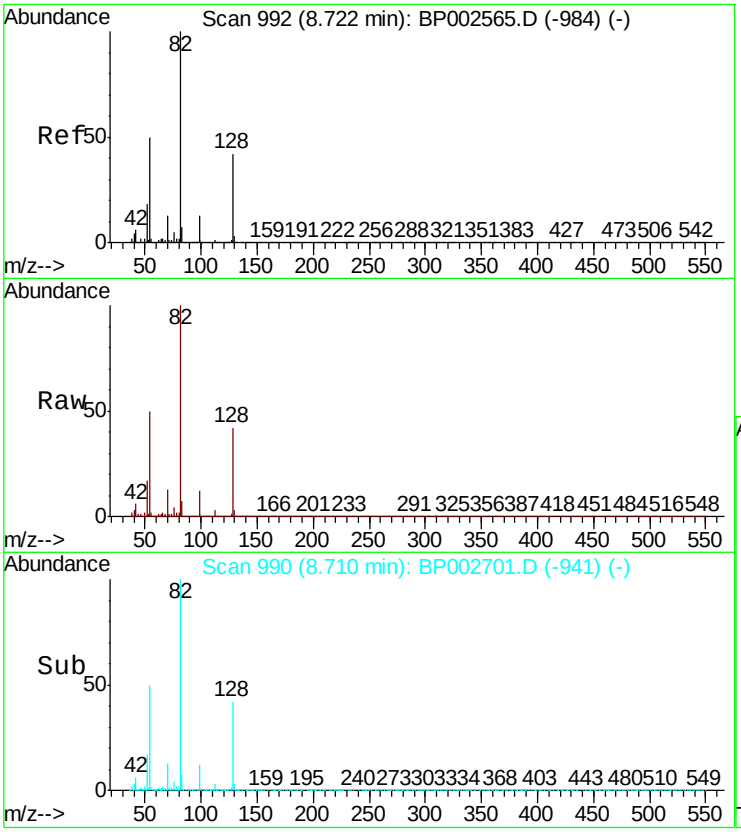




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:136 Resp: 323263

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.2 | 8.8 | 13.2 |
| 54 | 8.4 | 6.4 | 9.6 |
| 68 | 7.0 | 5.1 | 7.7 |



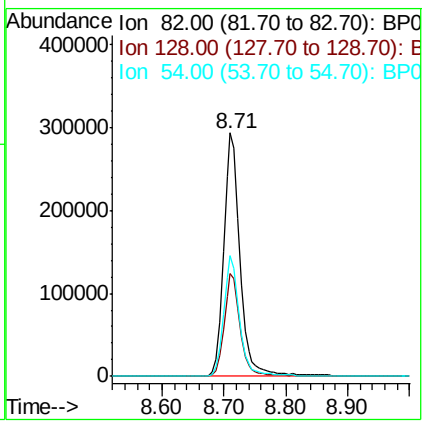


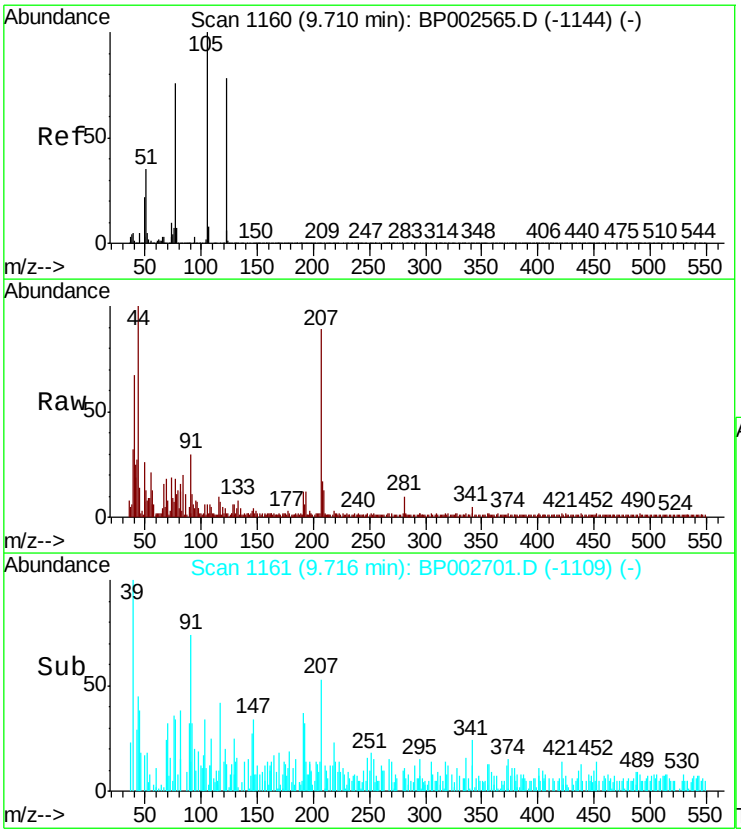

#23
Nitrobenzene-d5
Concen: 86.453 ng
RT: 8.71 min Scan# 990
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion: 82 Resp: 542396

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 42.0 | 33.4 | 50.2 |
| 54 | 49.7 | 40.1 | 60.1 |

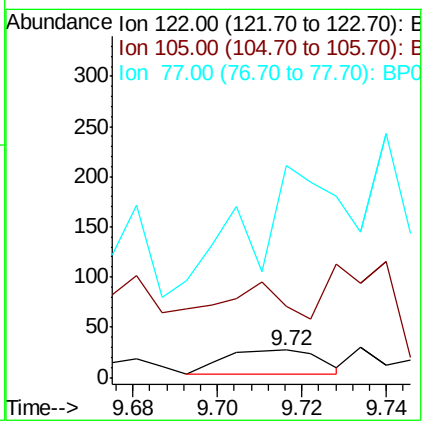


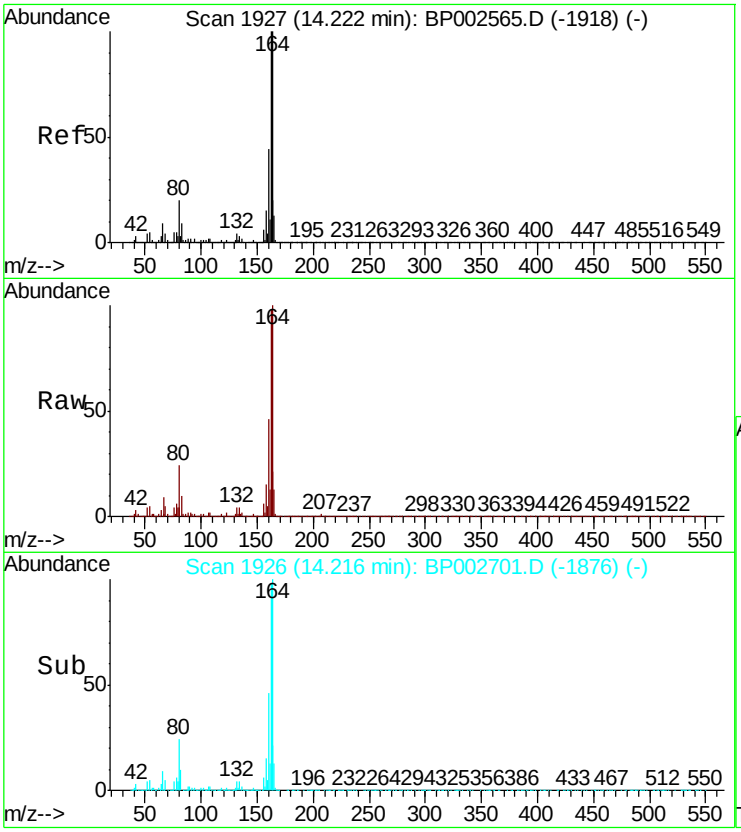




#32
Benzoic acid
Concen: 8.708 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:122 Resp: 38

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 263.0 | 106.6 | 146.6# |
| 77 | 781.5 | 76.5 | 116.5# |



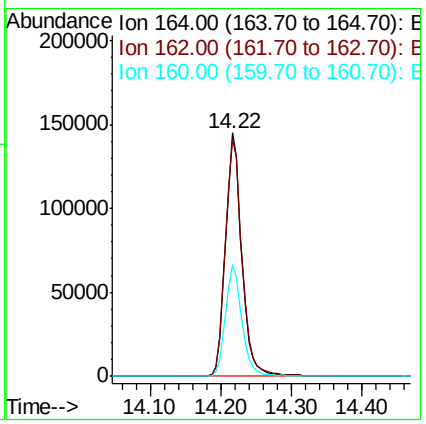


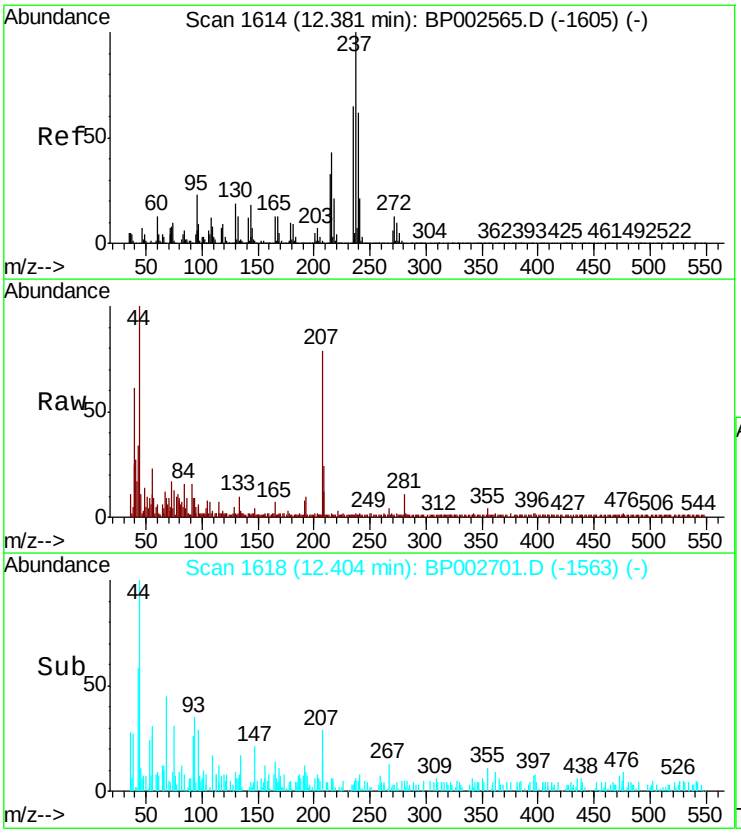

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion:164 Resp: 233224

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.6 | 80.3 | 120.5 |
| 160 | 46.0 | 35.0 | 52.6 |

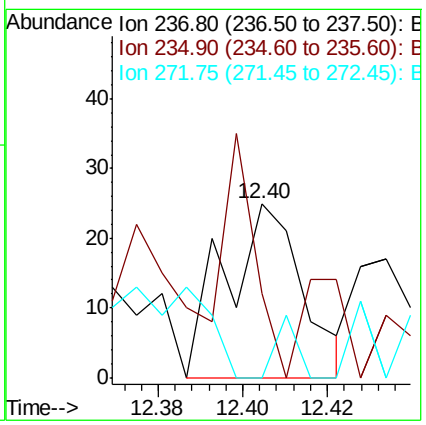


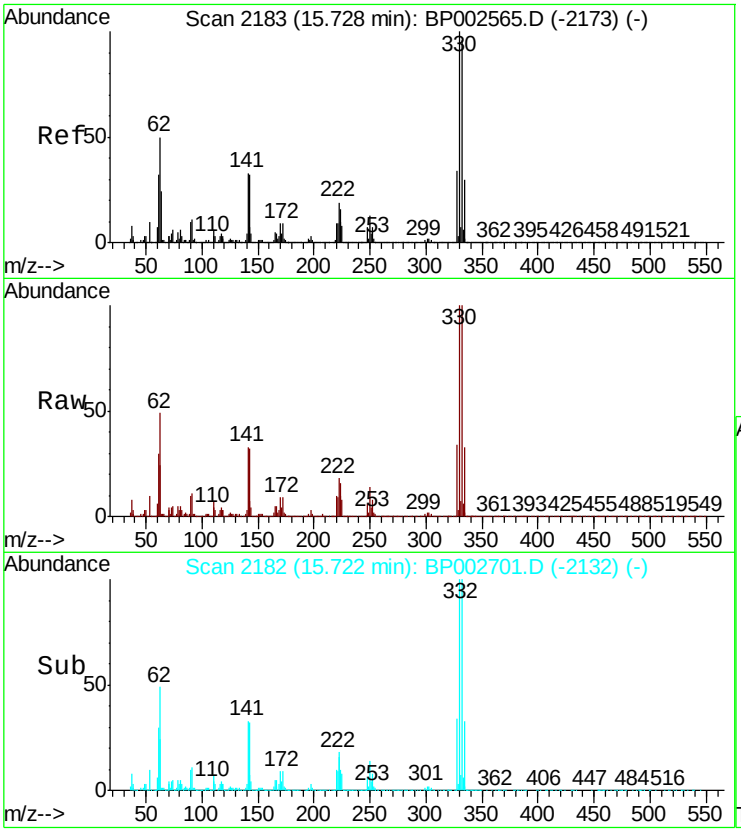




#41
Hexachlorocyclopentadiene
Concen: 4.390 ng
RT: 12.40 min Scan# 1618
Delta R.T. 0.02 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:237 Resp: 32

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 237 | 100 | | |
| 235 | 48.0 | 45.4 | 85.4 |
| 272 | 0.0 | 0.0 | 32.6 |



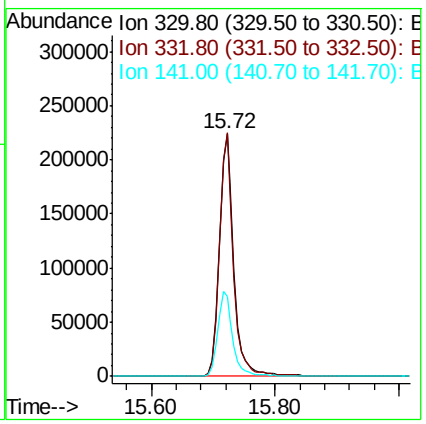


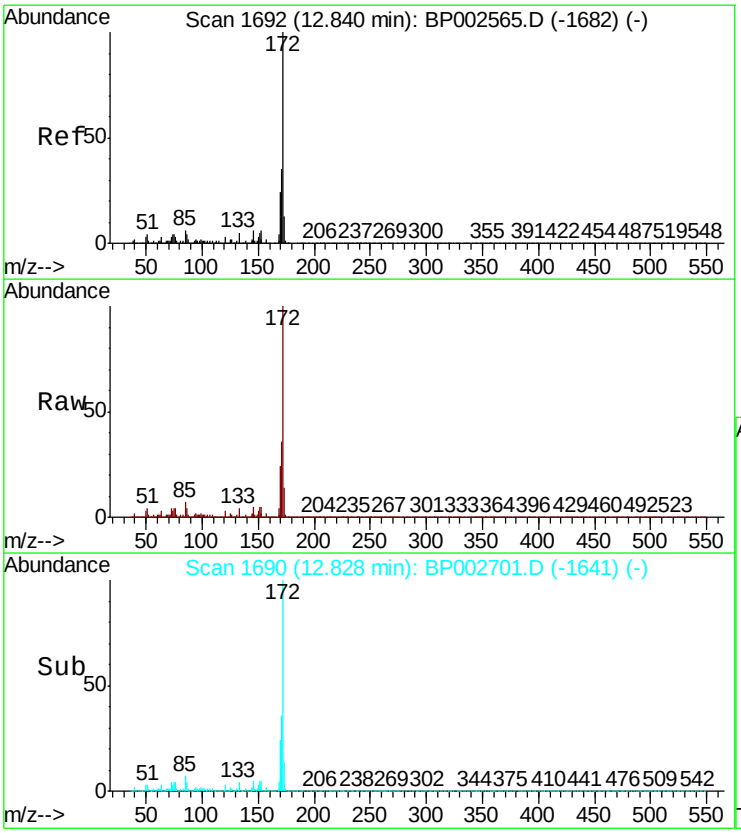

#42
2,4,6-Tribromophenol
Concen: 129.158 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion:330 Resp: 366376

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.9 | 77.7 | 116.5 |
| 141 | 36.0 | 29.0 | 43.6 |

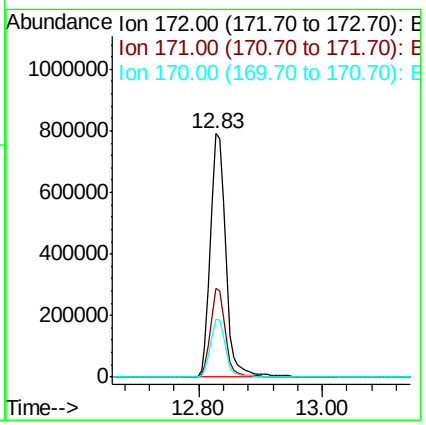


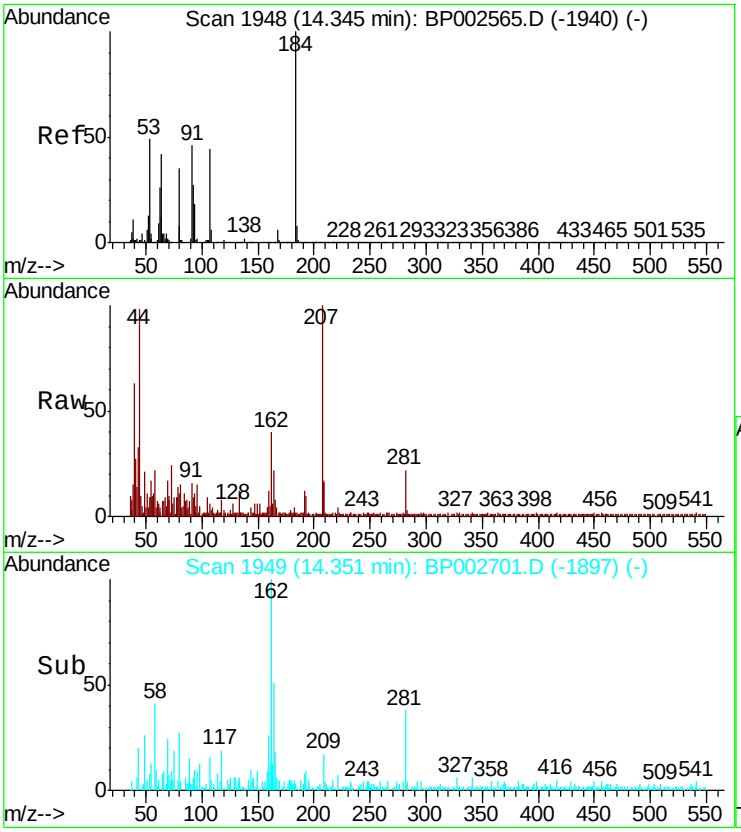




#45
2-Fluorobiphenyl
Concen: 85.244 ng
RT: 12.83 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:172 Resp: 1350760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.4 | 28.0 | 42.0 |
| 170 | 23.9 | 19.0 | 28.4 |



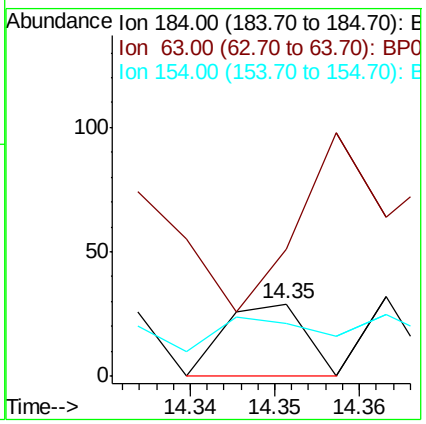


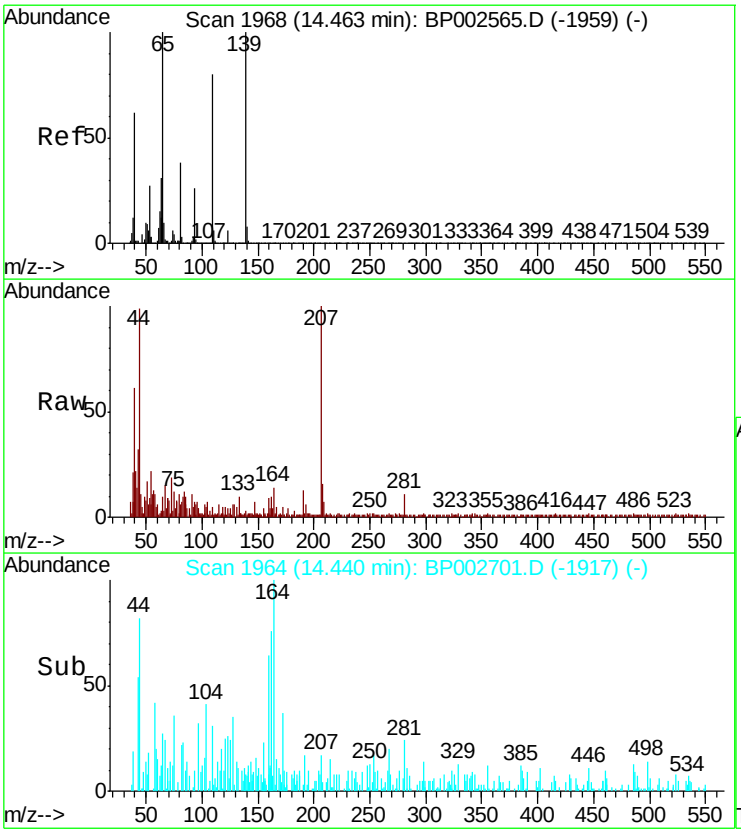

#54
2,4-Dinitrophenol
Concen: 6.016 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion:184 Resp: 19

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 175.9 | 56.2 | 84.2# |
| 154 | 72.4 | 50.9 | 76.3 |

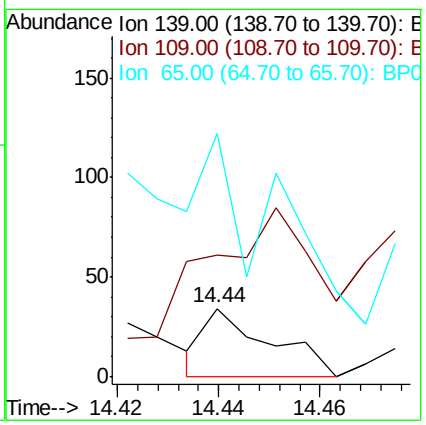


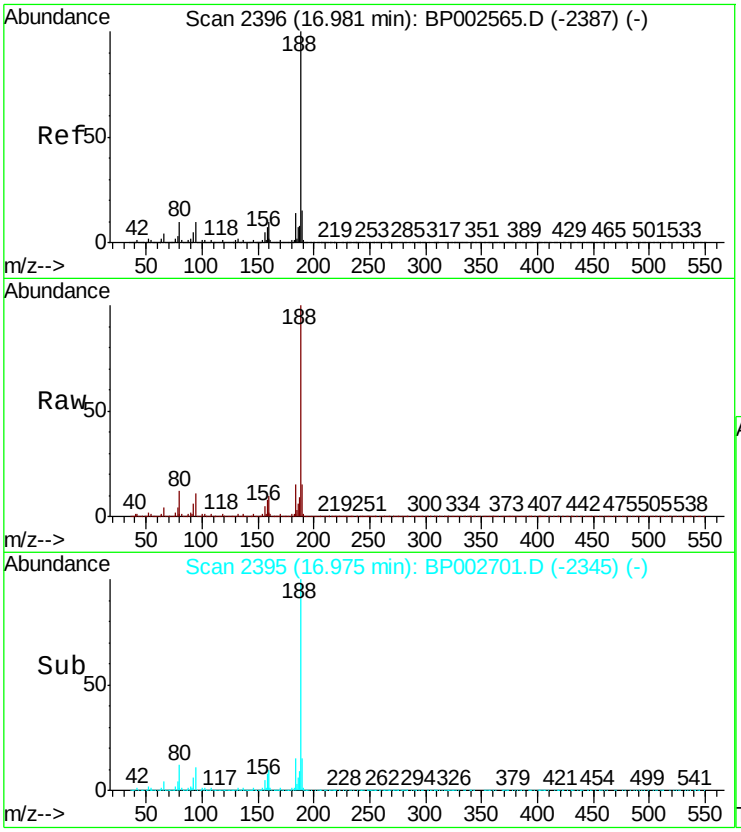




#56
4-Nitrophenol
Concen: 2.445 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:139 Resp: 30

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 179.4 | 60.1 | 100.1# |
| 65 | 358.8 | 80.3 | 120.3# |



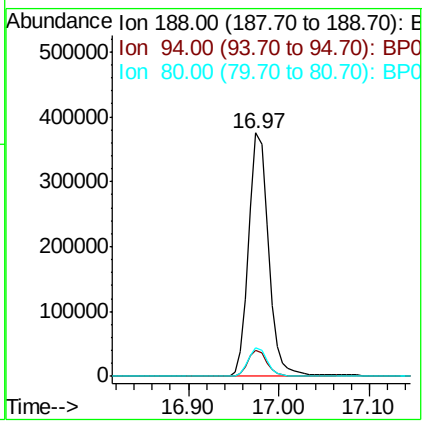


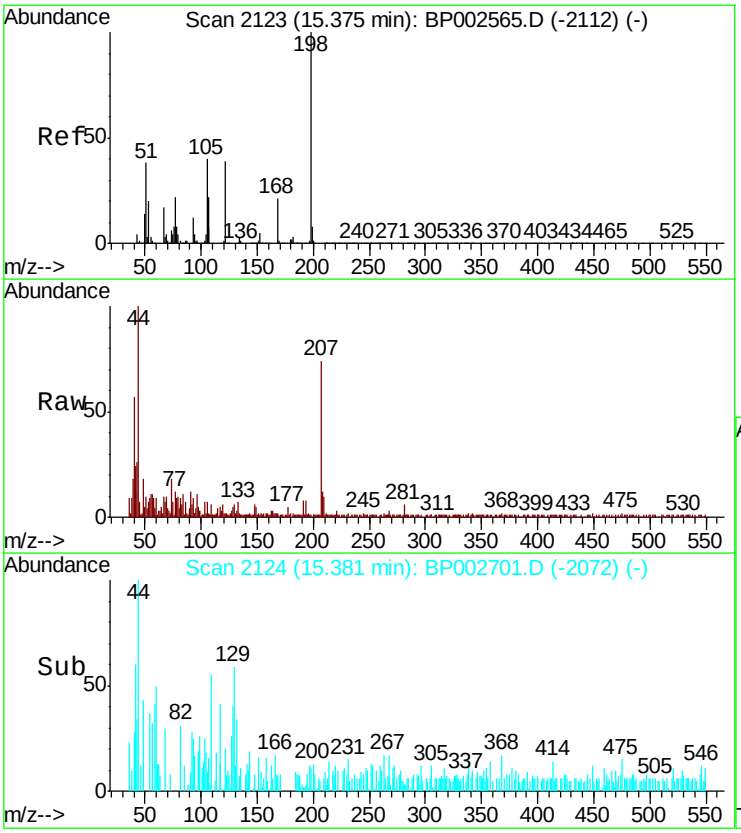

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion:188 Resp: 569033

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 10.8 | 7.8 | 11.6 |
| 80 | 11.8 | 8.2 | 12.4 |

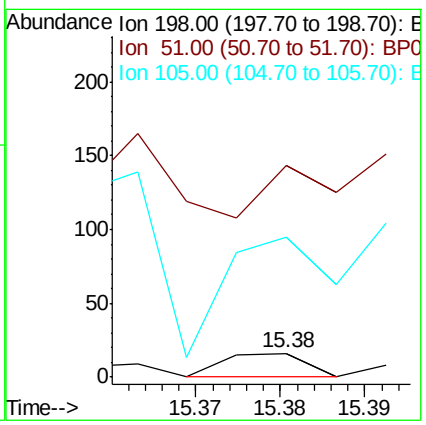


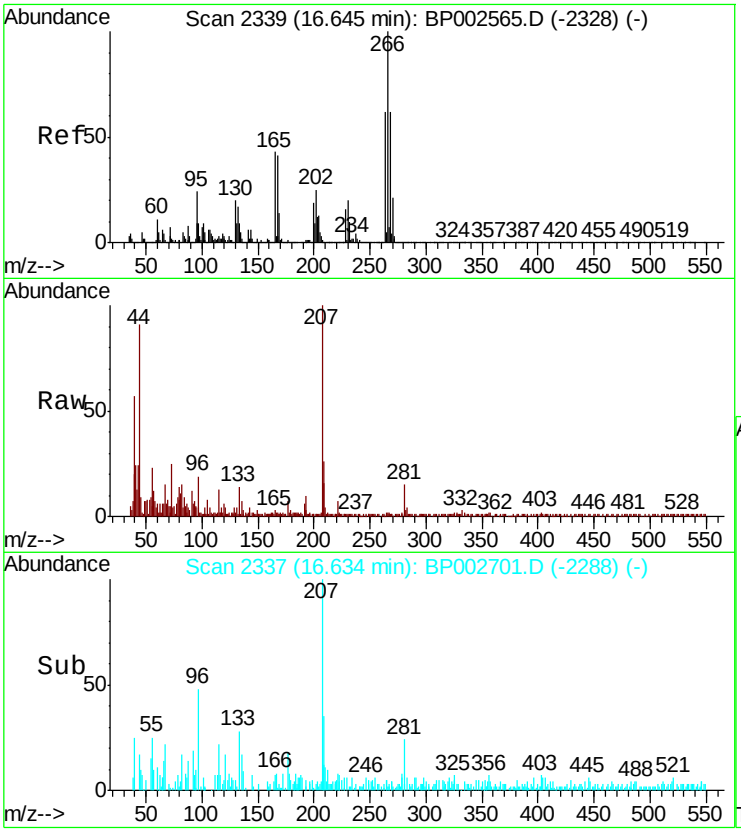




#65
4,6-Dinitro-2-methylphenol
Concen: 2.713 ng
RT: 15.38 min Scan# 2124
Delta R.T. 0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:198 Resp: 11

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 893.8 | 24.2 | 64.2# |
| 105 | 593.8 | 20.7 | 60.7# |



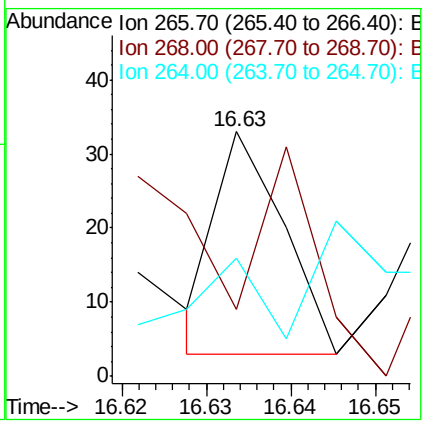


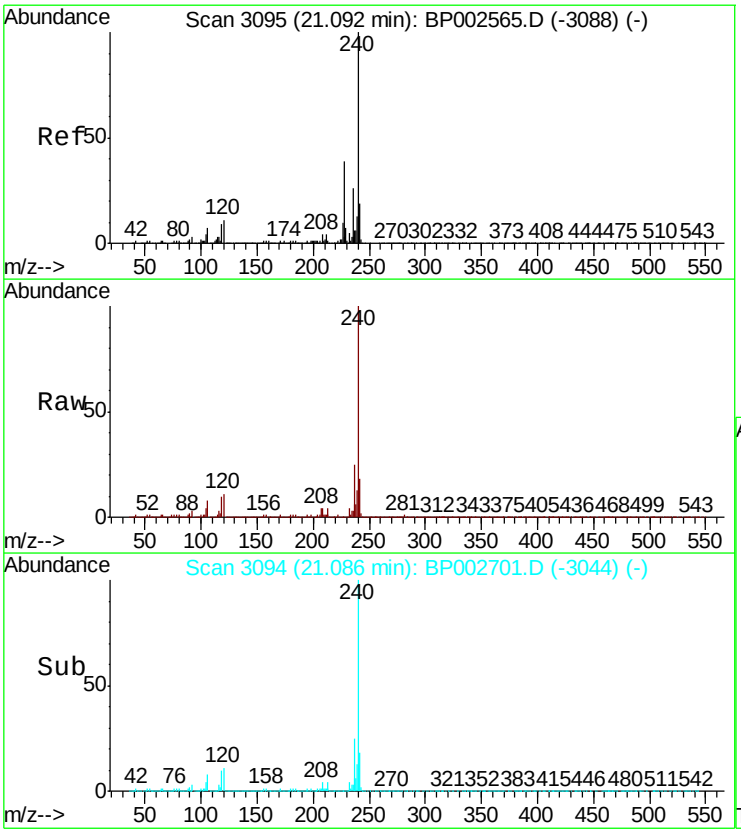

#70
Pentachlorophenol
Concen: 2.666 ng
RT: 16.63 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion:266 Resp: 17

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 27.3 | 49.7 | 74.5# |
| 264 | 48.5 | 49.3 | 73.9# |

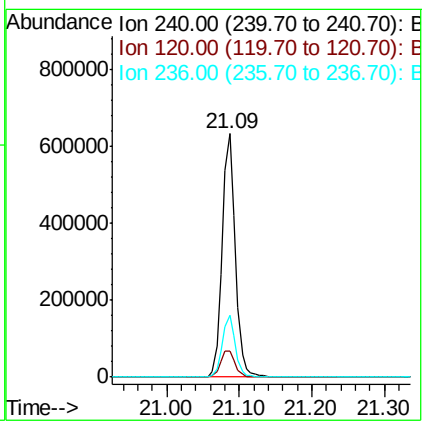


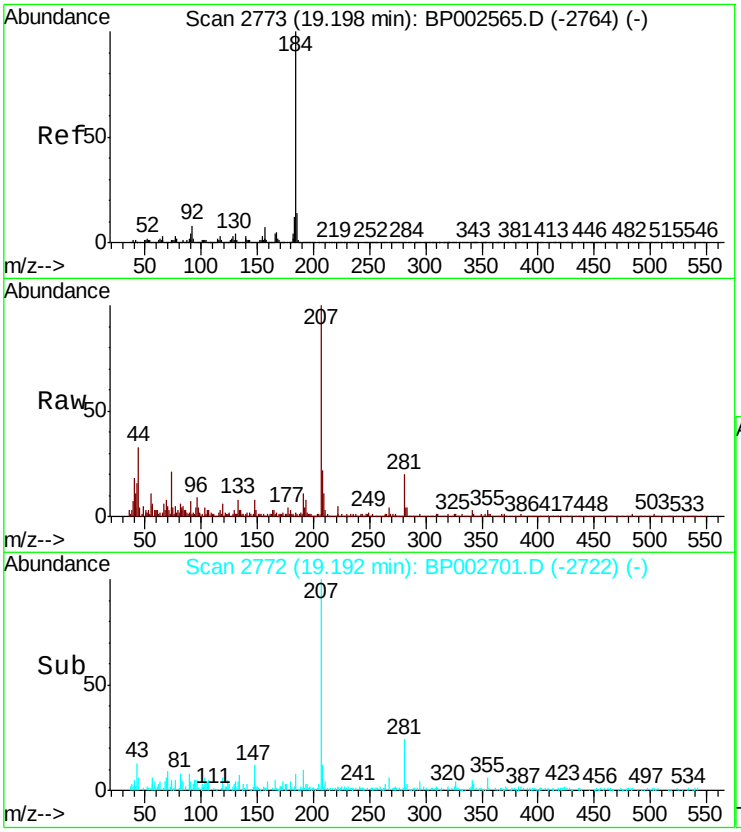




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:240 Resp: 796724

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.9 | 8.6 | 13.0 |
| 236 | 25.2 | 20.8 | 31.2 |



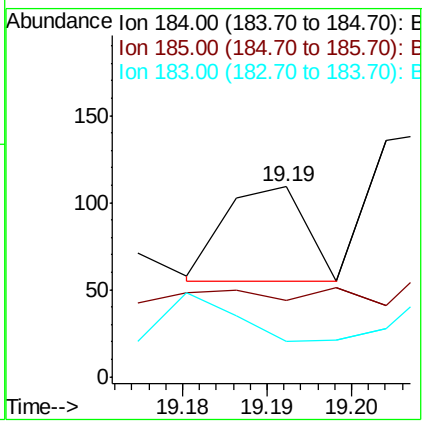


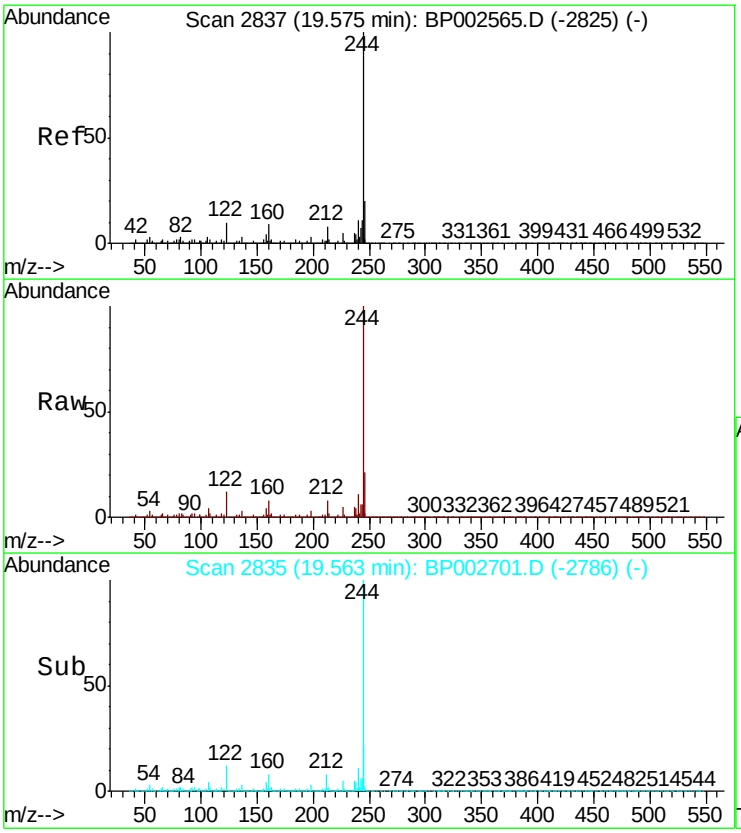

#77
Benzidine
Concen: 3.757 ng
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion:184 Resp: 36

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 40.4 | 11.4 | 17.2# |
| 183 | 18.3 | 9.2 | 13.8# |

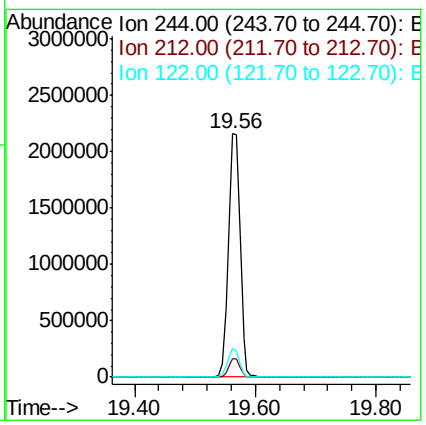


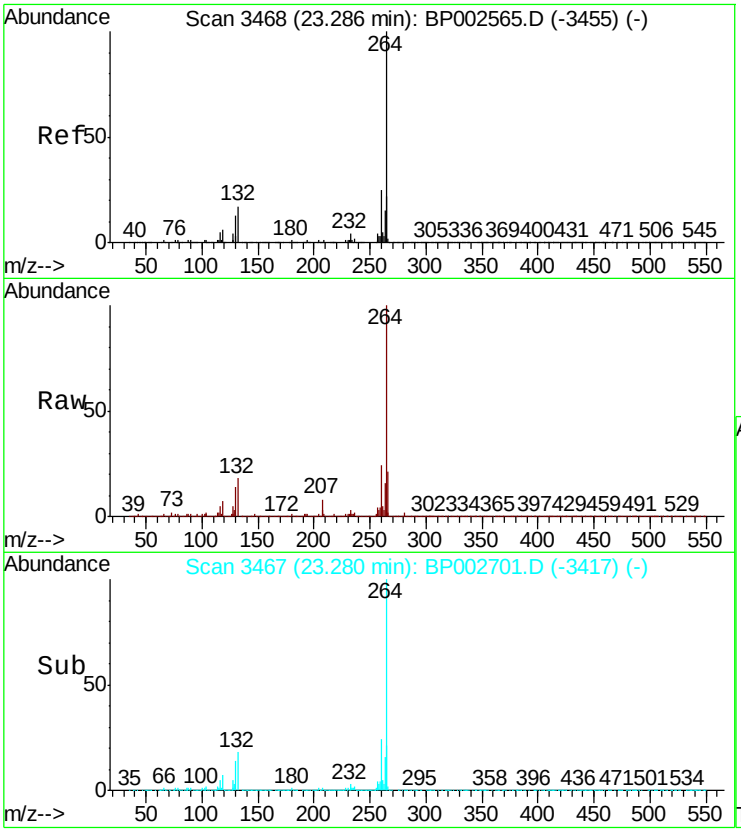




#79
Terphenyl-d14
Concen: 80.149 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion:244 Resp: 2958418

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.7 | 6.5 | 9.7 |
| 122 | 11.8 | 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: BP002701.D
Acq: 09 Jul 2020 17:23

**Instrument :**
BNA_P
**ClientSampleId :**
PB130037BL

Tgt Ion:264 Resp: 927530

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.1 | 19.7 | 29.5 |
| 265 | 21.1 | 17.6 | 26.4 |