Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
Data File : BG052501.D
Acq On : 28 Feb 2022 14:52
Operator : CG/JU
Sample : N1664-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Quant Time: Mar 01 00:59:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.217 | 152 | 27844 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.054 | 136 | 111419 | 20.000 | ng | #-0.01 |
| 39) Acenaphthene-d10 | 14.867 | 164 | 76843 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.616 | 188 | 192423 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.928 | 240 | 199643 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 25.388 | 264 | 196637 | 20.000 | ng | -0.02 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.756 | 112 | 219623 | 137.470 | ng | 0.00 |
| 7) Phenol-d6 | 7.365 | 99 | 271028 | 109.950 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.392 | 82 | 238134 | 92.889 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.353 | 330 | 162338 | 147.049 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.486 | 172 | 531452 | 96.101 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.207 | 244 | 1119104 | 98.986 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 9) Benzaldehyde | 7.371 | 77 | 305 | Below Cal | # | 8 |
| 19) n-Nitroso-di-n-propyla... | 9.392 | 70 | 33568 | 18.063 | ng | # 70 |
| 51) 2,6-Dinitrotoluene | 14.867 | 165 | 10328 | 8.130 | ng | # 16 |
| 57) 2,4-Dinitrotoluene | 14.867 | 165 | 10328 | 5.712 | ng | # 15 |
| 67) 4-Bromophenyl-phenylether | 16.347 | 248 | 10262 | 4.385 | ng | # 1 |
| 77) Benzidine | 20.212 | 184 | 15826 | 3.710 | ng | # 85 |
| 84) Bis(2-ethylhexyl)phtha... | 21.622 | 149 | 102316 | 15.901 | ng | # 54 |

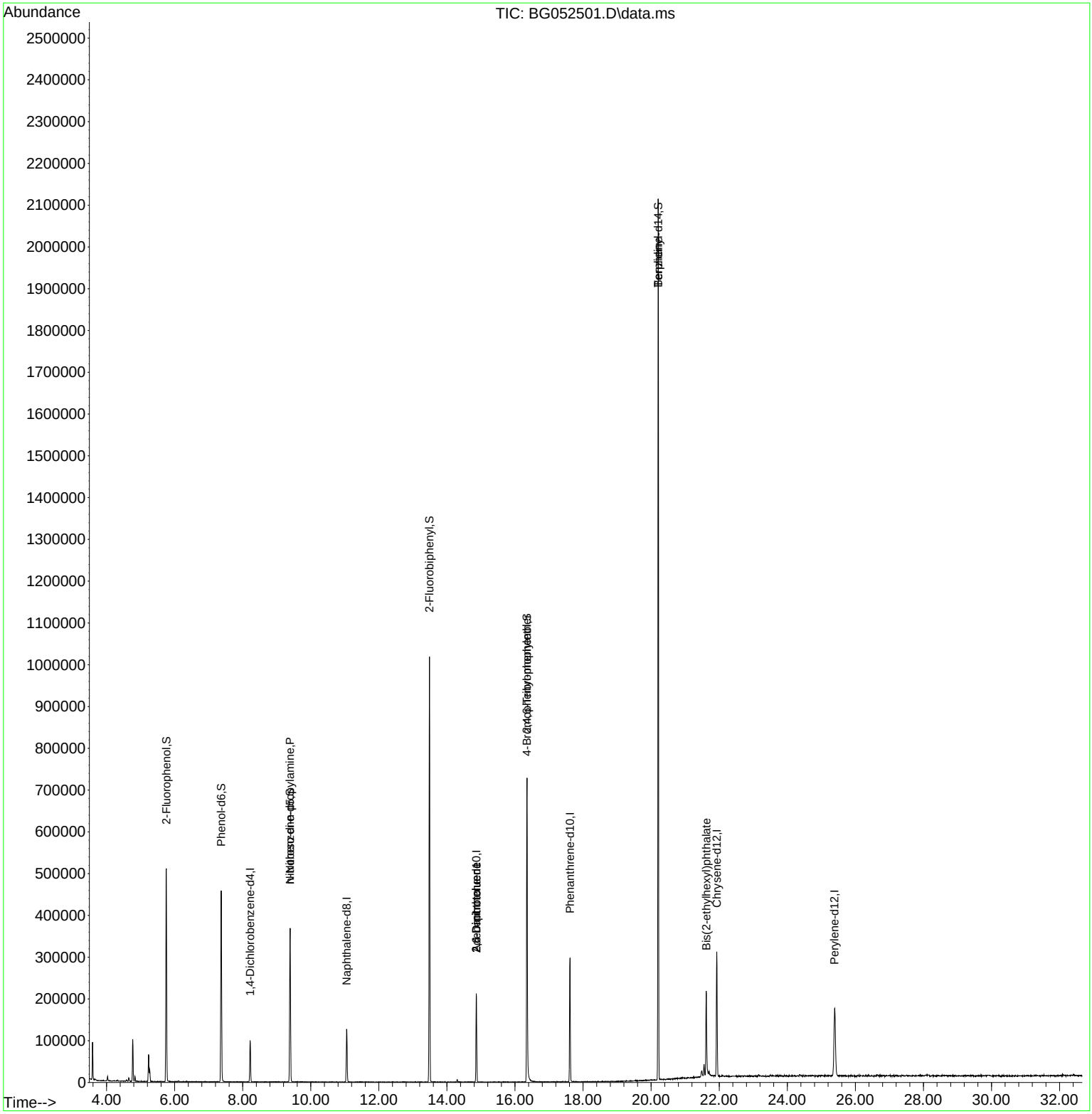
(#) = qualifier out of range (m) = manual integration (+) = signals summed

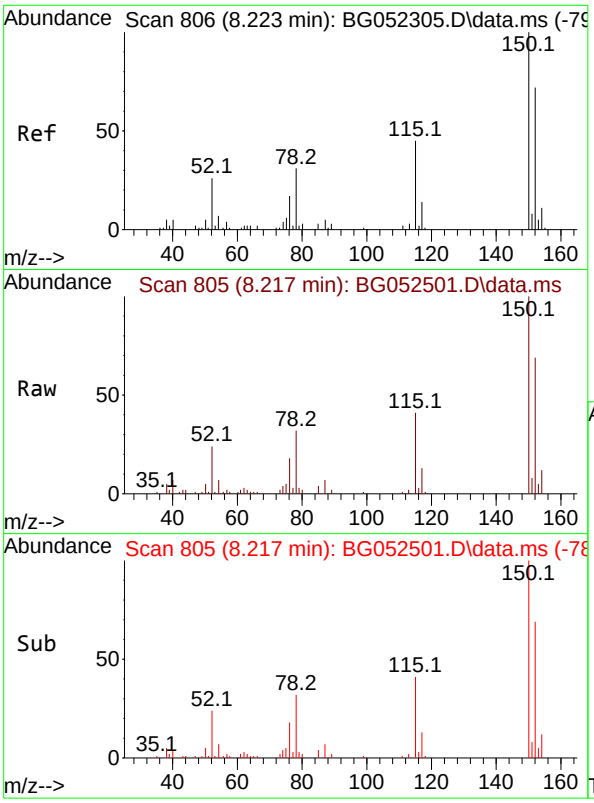
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
Data File : BG052501.D
Acq On : 28 Feb 2022 14:52
Operator : CG/JU
Sample : N1664-23
Misc :
ALS Vial : 9 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Quant Time: Mar 01 00:59:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 08 01:21:20 2022
Response via : Initial Calibration



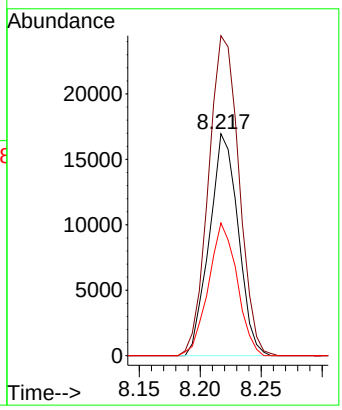


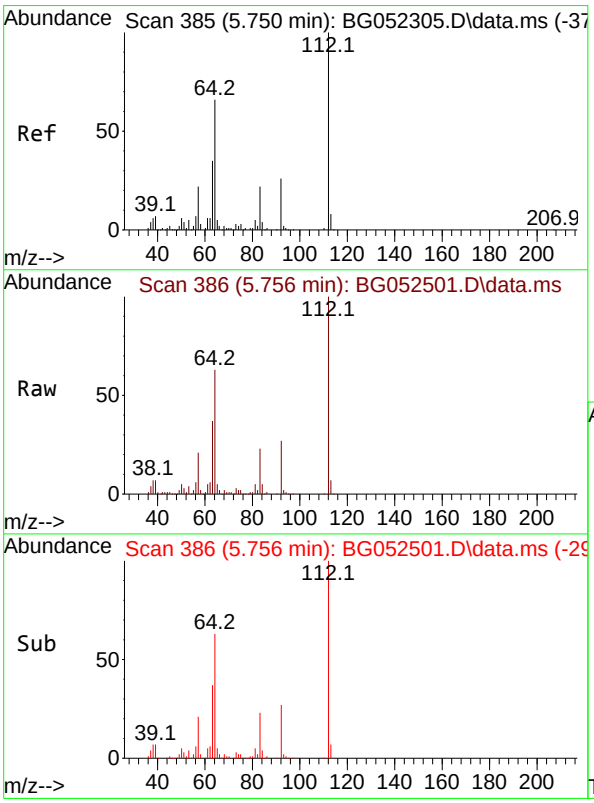

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 8
Delta R.T. -0.006 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion:152 Resp: 27844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 144.2 | 117.8 | 176.8 |
| 115 | 59.8 | 50.2 | 75.2 |

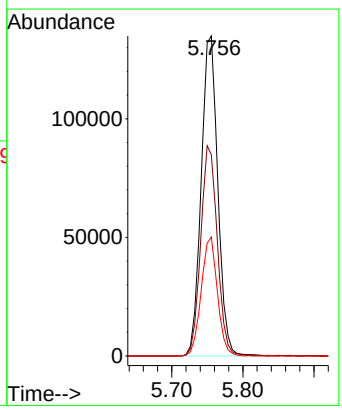


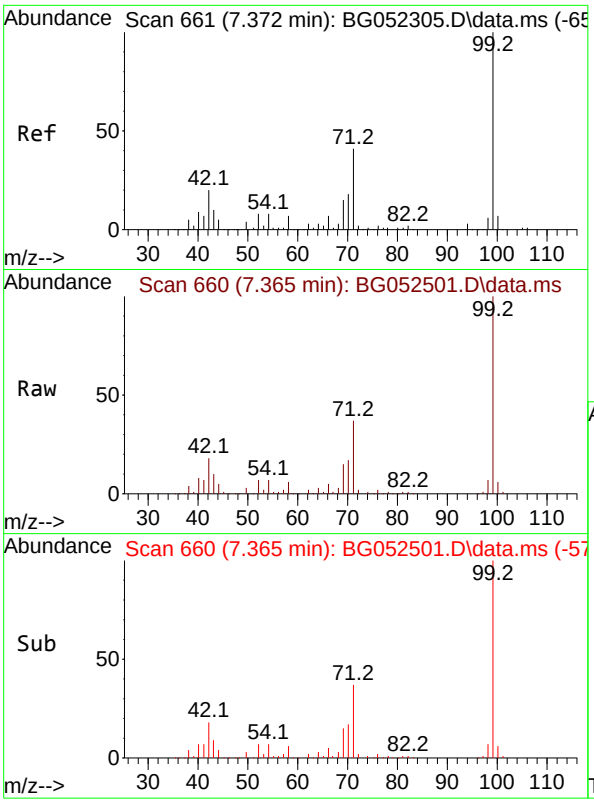




#5
2-Fluorophenol
Concen: 137.470 ng
RT: 5.756 min Scan# 386
Delta R.T. 0.005 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion:112 Resp: 219623

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 62.9 | 60.4 | 90.6 |
| 63 | 37.2 | 33.3 | 49.9 |



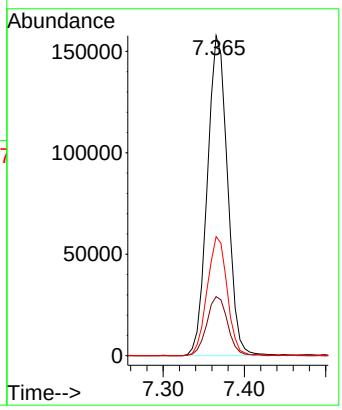


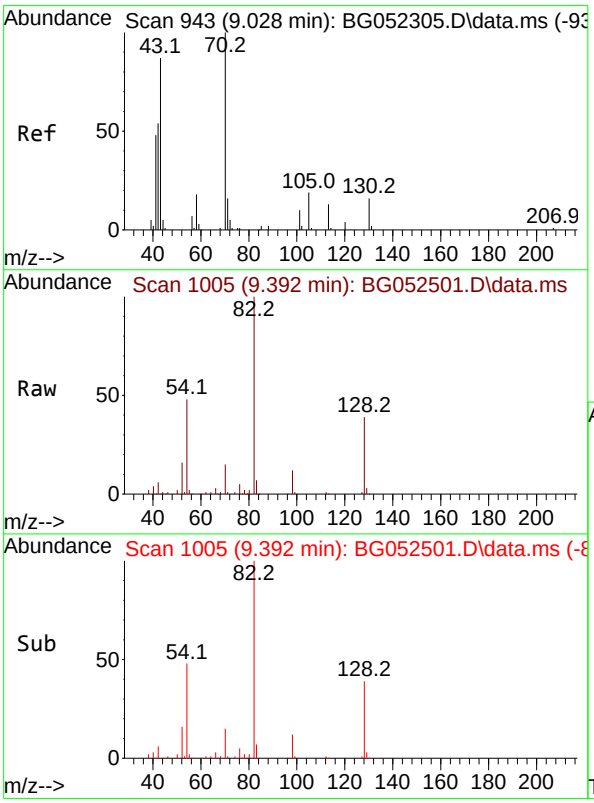

#7
Phenol-d6
Concen: 109.950 ng
RT: 7.365 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion: 99 Resp: 271028

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.5 | 19.1 | 28.7# |
| 71 | 37.2 | 33.4 | 50.2 |

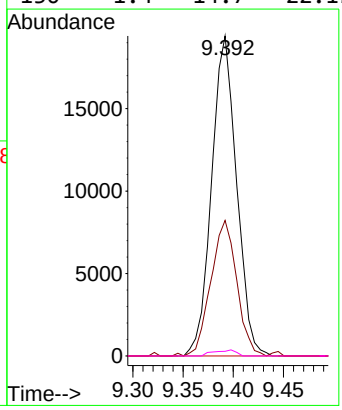


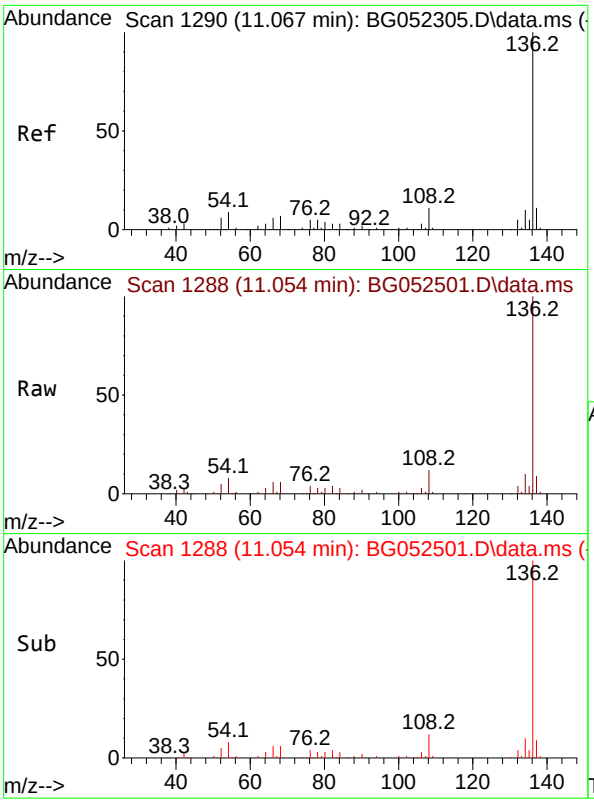




#19
n-Nitroso-di-n-propylamine
Concen: 18.063 ng
RT: 9.392 min Scan# 1005
Delta R.T. 0.364 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion: 70 Resp: 33568

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 42.3 | 51.8 | 77.6# |
| 101 | 0.0 | 6.6 | 10.0# |
| 130 | 1.4 | 14.7 | 22.1# |



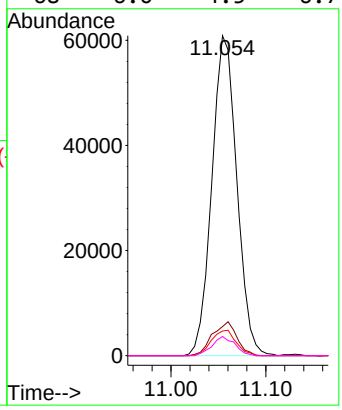


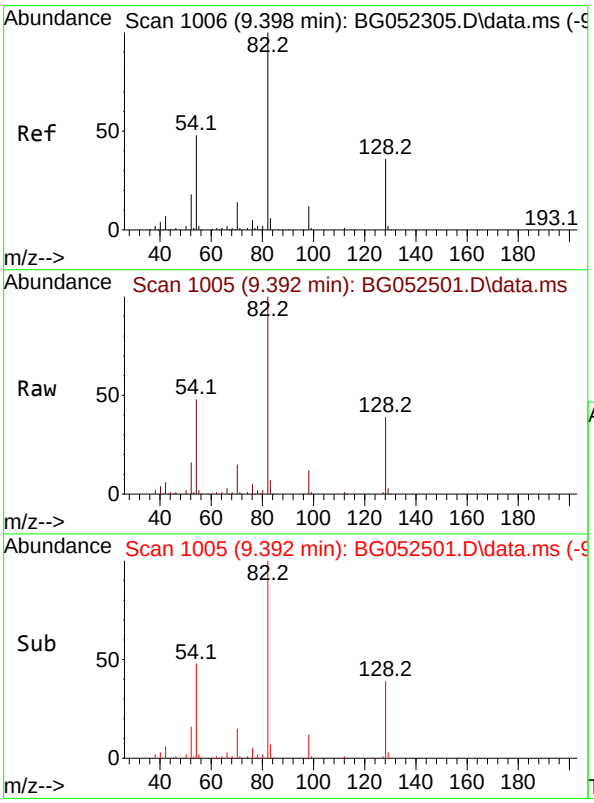

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 1
Delta R.T. -0.013 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion:136 Resp: 111419

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 9.1 | 9.1 | 13.7# |
| 54 | 7.7 | 8.3 | 12.5# |
| 68 | 6.0 | 4.5 | 6.7 |

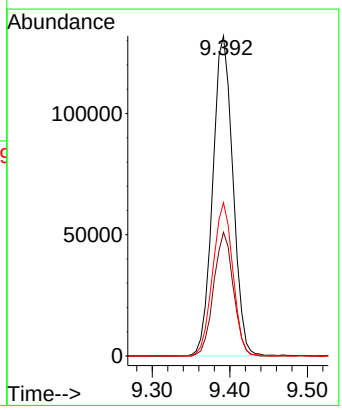


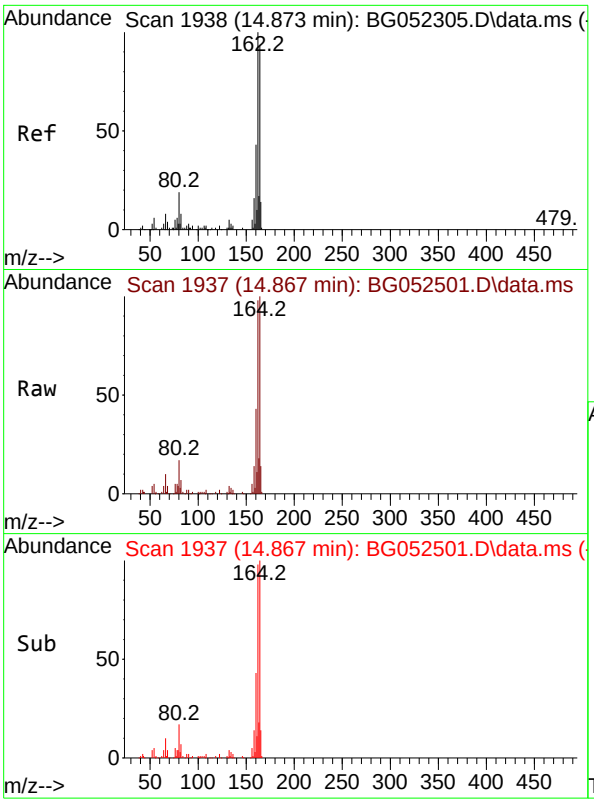




#23
Nitrobenzene-d5
Concen: 92.889 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion: 82 Resp: 238134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.7 | 27.0 | 40.4 |
| 54 | 47.9 | 41.0 | 61.6 |



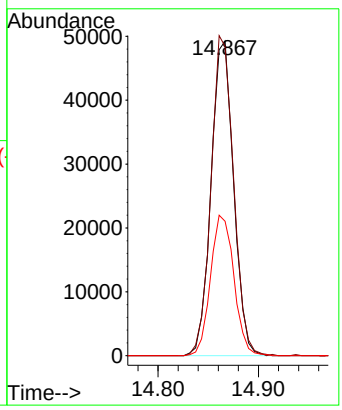


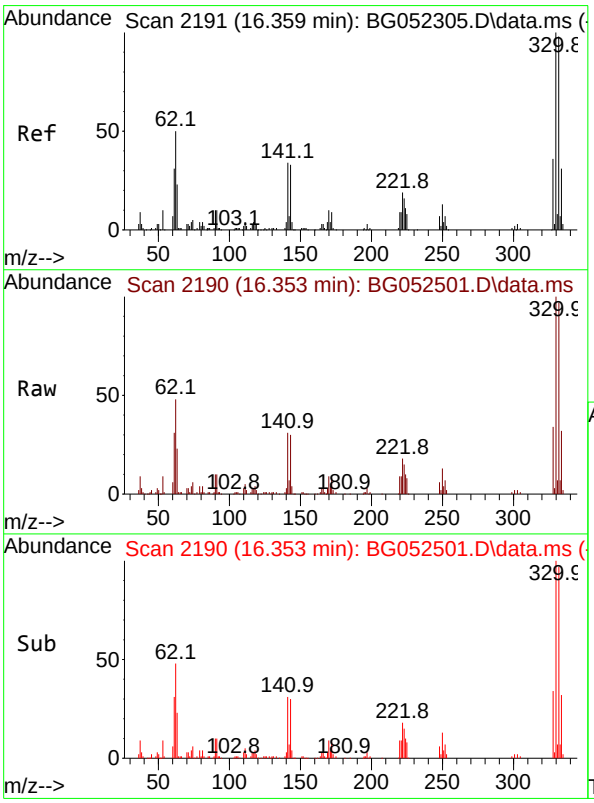

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.867 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion:164 Resp: 76843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 98.3 | 82.2 | 123.2 |
| 160 | 42.7 | 36.2 | 54.2 |

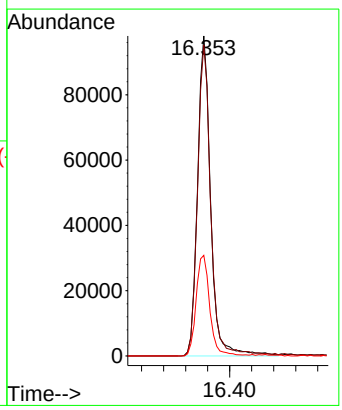


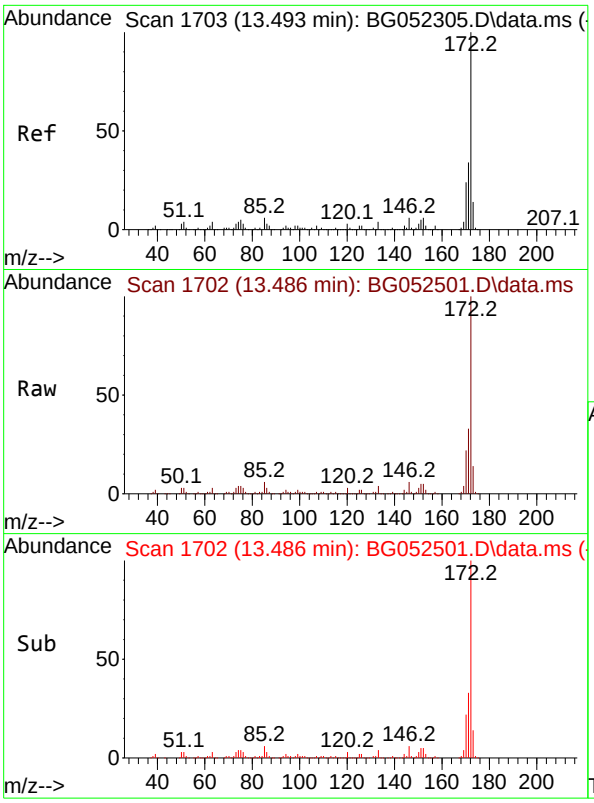




#42
2,4,6-Tribromophenol
Concen: 147.049 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion:330 Resp: 162338

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.9 | 78.6 | 117.8 |
| 141 | 32.6 | 28.8 | 43.2 |



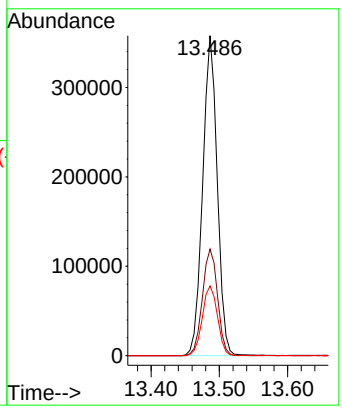


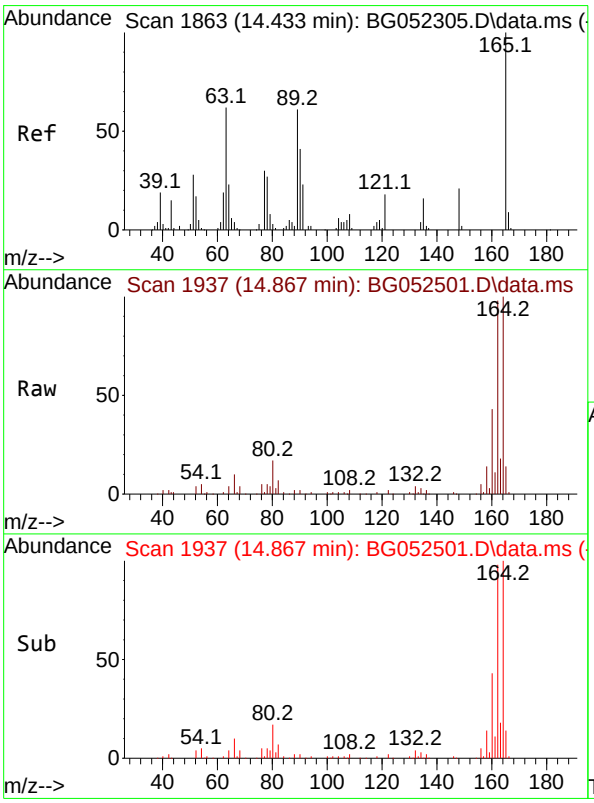

#45
2-Fluorobiphenyl
Concen: 96.101 ng
RT: 13.486 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion:172 Resp: 531452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 33.3 | 28.3 | 42.5 |
| 170 | 21.8 | 18.3 | 27.5 |

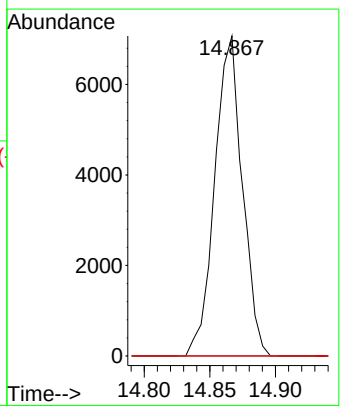


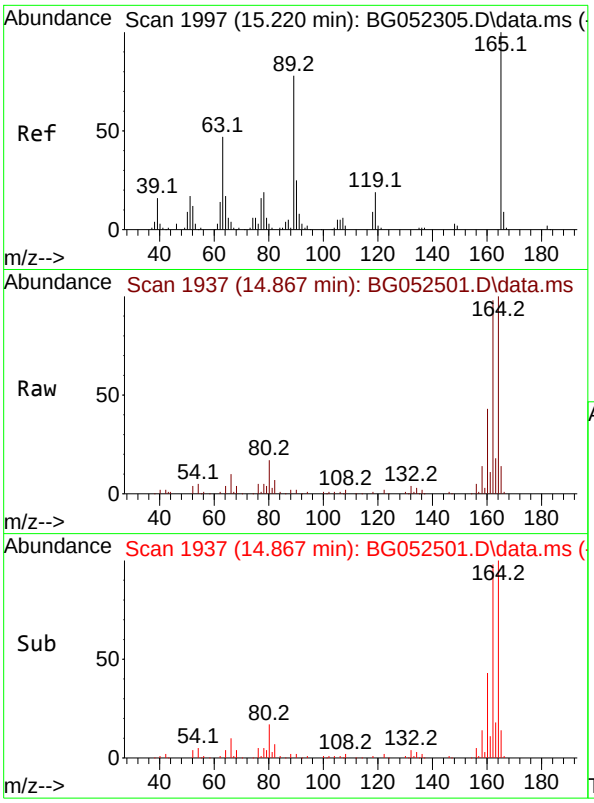




#51
2,6-Dinitrotoluene
Concen: 8.130 ng
RT: 14.867 min Scan# 1937
Delta R.T. 0.434 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion:165 Resp: 10328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 59.0 | 88.4# |
| 89 | 0.0 | 49.4 | 74.0# |



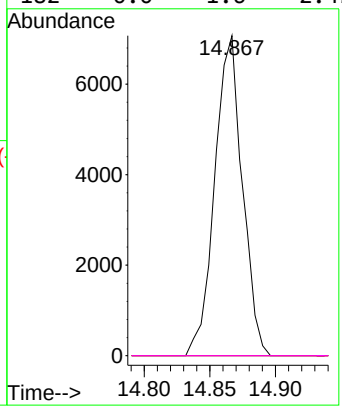


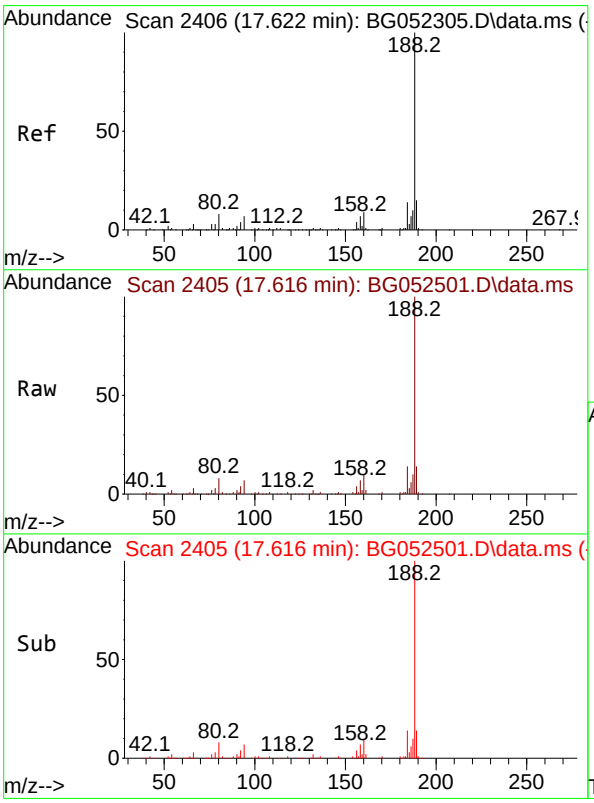

#57
2,4-Dinitrotoluene
Concen: 5.712 ng
RT: 14.867 min Scan# 1
Delta R.T. -0.353 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion:165 Resp: 10328

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 44.6 | 66.8# |
| 89 | 0.0 | 67.4 | 101.0# |
| 182 | 0.0 | 1.6 | 2.4# |

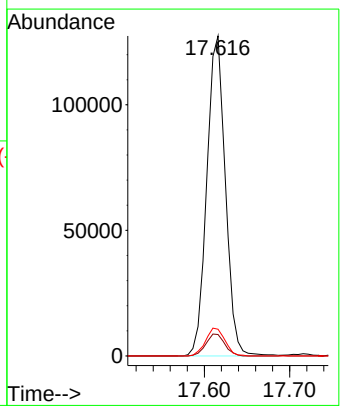


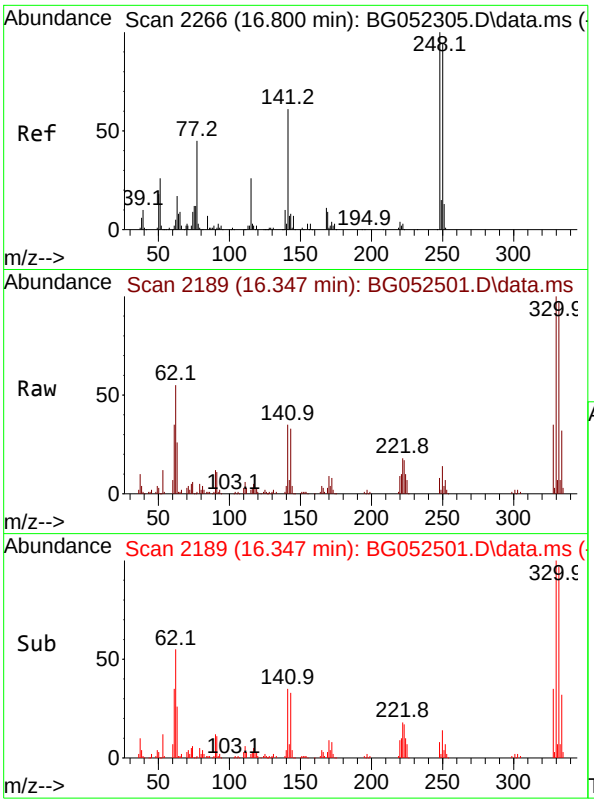




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion:188 Resp: 192423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.7 | 5.9 | 8.9 |
| 80 | 8.4 | 6.6 | 10.0 |



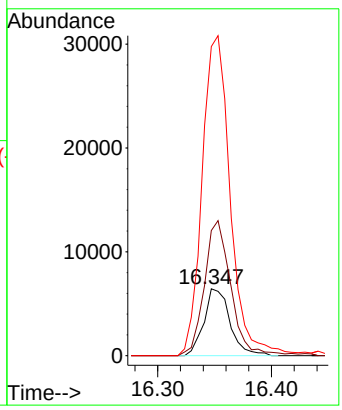


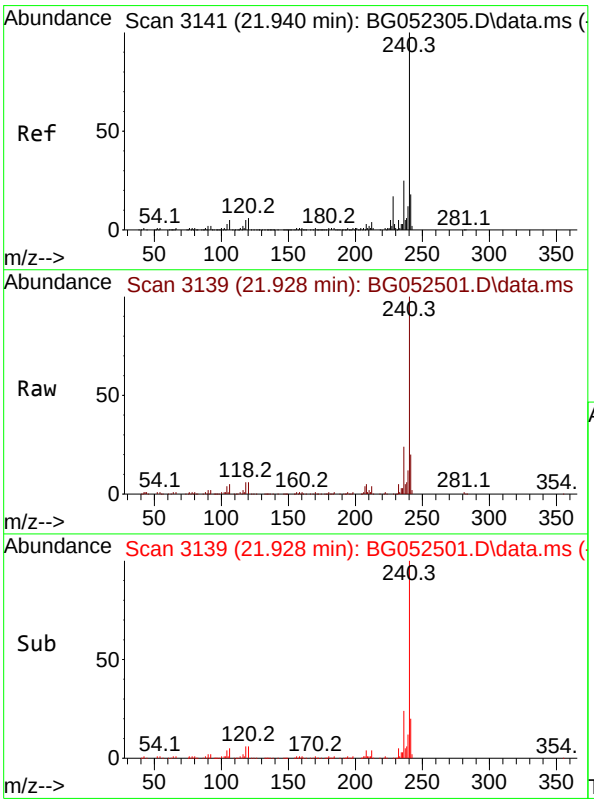

#67
4-Bromophenyl-phenylether
Concen: 4.385 ng
RT: 16.347 min Scan# 21
Delta R.T. -0.453 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion:248 Resp: 10262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 187.0 | 79.6 | 119.4# |
| 141 | 462.1 | 54.6 | 81.8# |

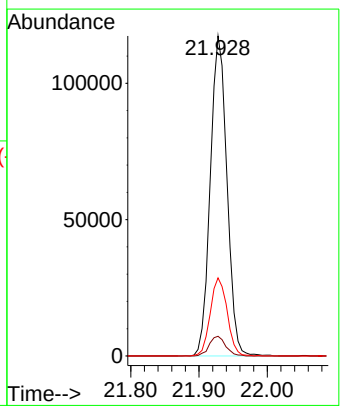


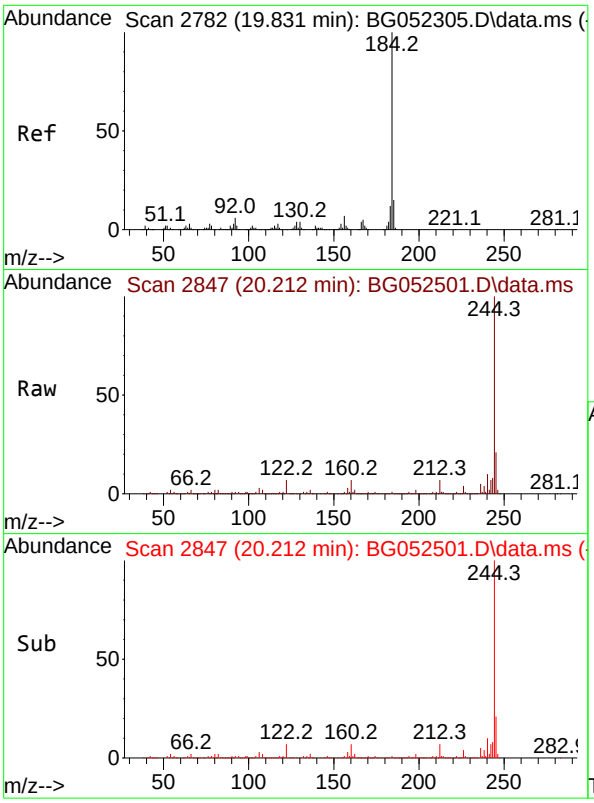




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3139
Delta R.T. -0.012 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion:240 Resp: 199643

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.1 | 4.4 | 6.6 |
| 236 | 24.4 | 20.8 | 31.2 |



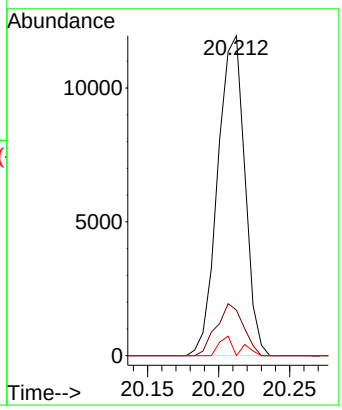


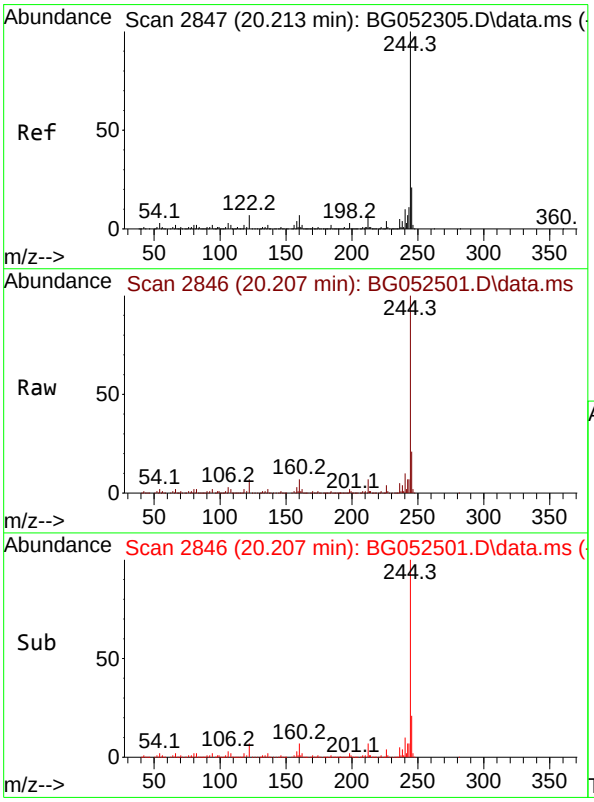

#77
Benzidine
Concen: 3.710 ng
RT: 20.212 min Scan# 2
Delta R.T. 0.381 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion:184 Resp: 15826

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.3 | 11.8 | 17.8 |
| 183 | 0.0 | 9.8 | 14.6# |

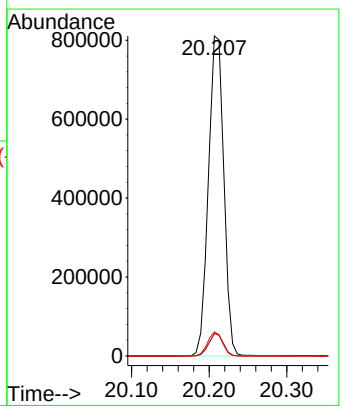


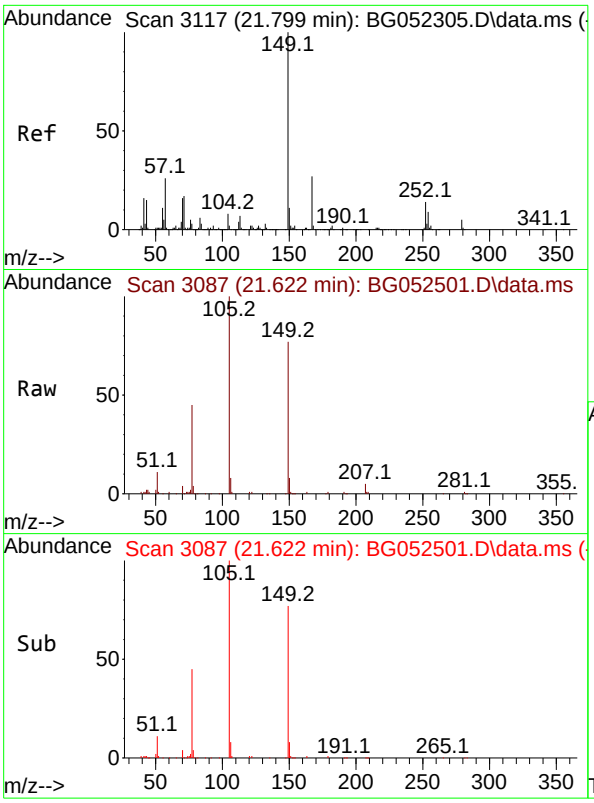




#79
Terphenyl-d14
Concen: 98.986 ng
RT: 20.207 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion:244 Resp: 1119104

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.0 | 6.0 | 9.0 |
| 122 | 7.5 | 6.2 | 9.4 |



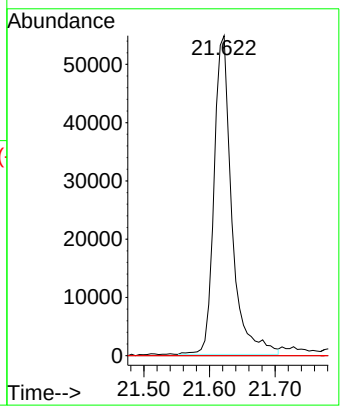


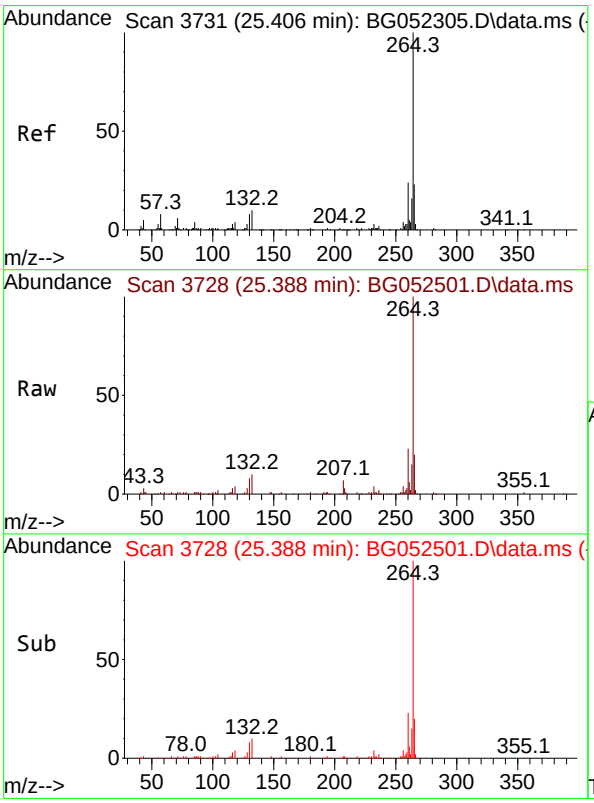

#84
Bis(2-ethylhexyl)phthalate
Concen: 15.901 ng
RT: 21.622 min Scan# 3
Delta R.T. -0.177 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

**Instrument :**
BNA_G
**ClientSampleId :**
TP-8

Tgt Ion:149 Resp: 102316

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 21.4 | 32.0# |
| 279 | 0.0 | 4.2 | 6.2# |




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.388 min Scan# 3728
Delta R.T. -0.018 min
Lab File: BG052501.D
Acq: 28 Feb 2022 14:52

Tgt Ion:264 Resp: 196637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.2 | 18.5 | 27.7 |
| 265 | 20.5 | 17.8 | 26.6 |