Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045877.D
Acq On : 29 Jun 2020 15:35
Operator : CG/JU
Sample : PB129825BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB129825BL

Quant Time: Jun 29 17:10:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.91 | 152 | 44855 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.72 | 136 | 174158 | 20.00 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.57 | 164 | 125420 | 20.00 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.32 | 188 | 298633 | 20.00 | ng | 0.00 |
| 76) Chrysene-d12 | 21.57 | 240 | 316697 | 20.00 | ng | 0.00 |
| 86) Perylene-d12 | 24.70 | 264 | 313998 | 20.00 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.51 | 112 | 339804 | 127.97 | ng | 0.00 |
| 7) Phenol-d6 | 7.13 | 99 | 497543 | 123.18 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.08 | 82 | 355017 | 93.12 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.06 | 330 | 267220 | 141.12 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.19 | 172 | 835663 | 97.92 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.94 | 244 | 1630580 | 104.34 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 19) n-Nitroso-di-n-propylamine | 9.07 | 70 | 49576 | 18.670 | ng | # 82 |
| 32) Benzoic acid | 10.06 | 122 | 63 | 9.008 | ng | # 1 |
| 51) 2,6-Dinitrotoluene | 14.57 | 165 | 15994 | 7.248 | ng | # 24 |
| 56) 4-Nitrophenol | 14.63 | 139 | 61 | 4.010 | ng | # 1 |
| 57) 2,4-Dinitrotoluene | 14.57 | 165 | 15994 | 5.058 | ng | # 23 |
| 67) 4-Bromophenyl-phenylether | 16.06 | 248 | 17467 | 4.501 | ng | # 1 |
| 70) Pentachlorophenol | 17.14 | 266 | 59 | 7.659 | ng | # 17 |
| 77) Benzidine | 19.93 | 184 | 31293 | 3.801 | ng | # 92 |

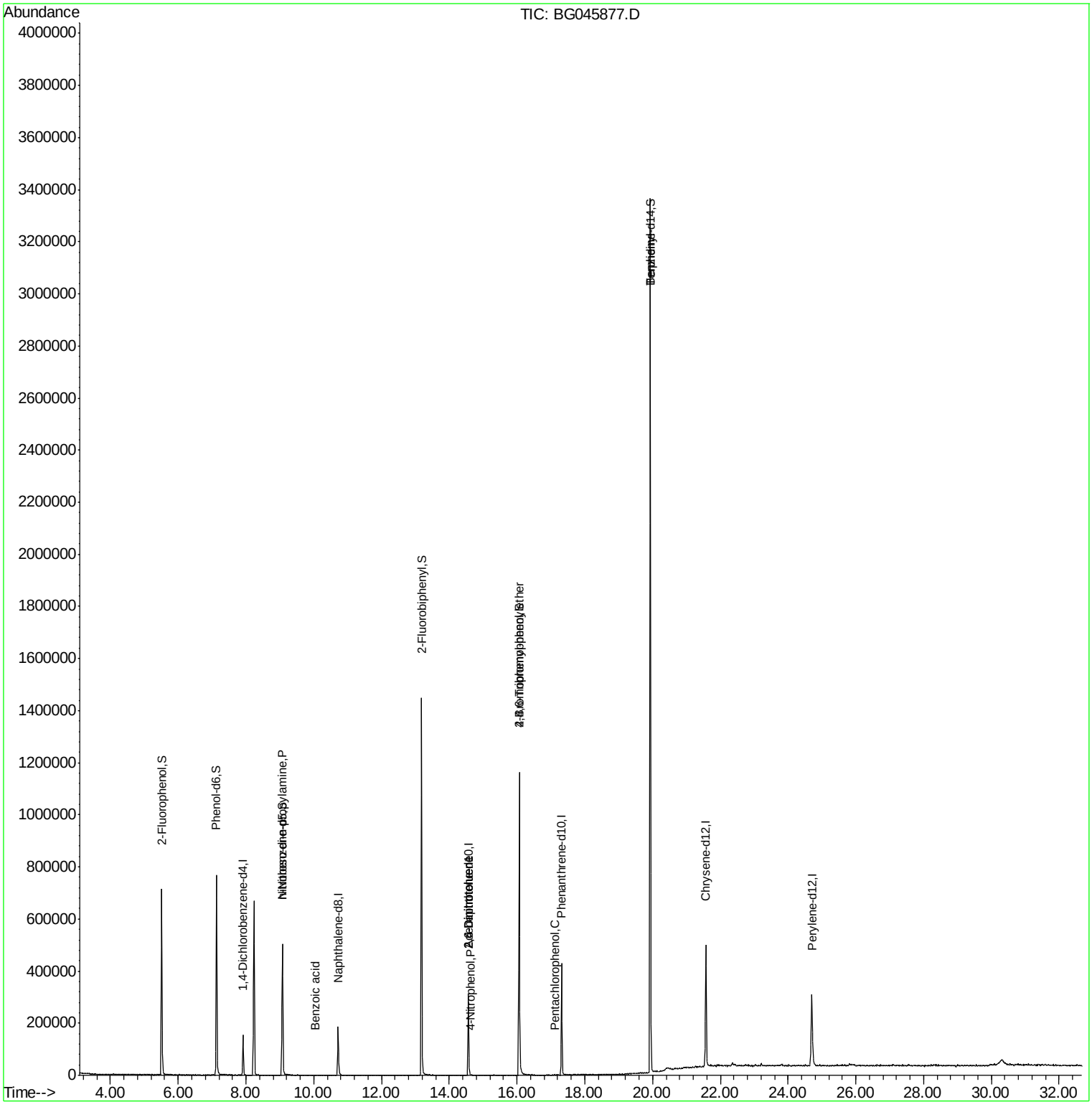
(#) = qualifier out of range (m) = manual integration (+) = signals summed

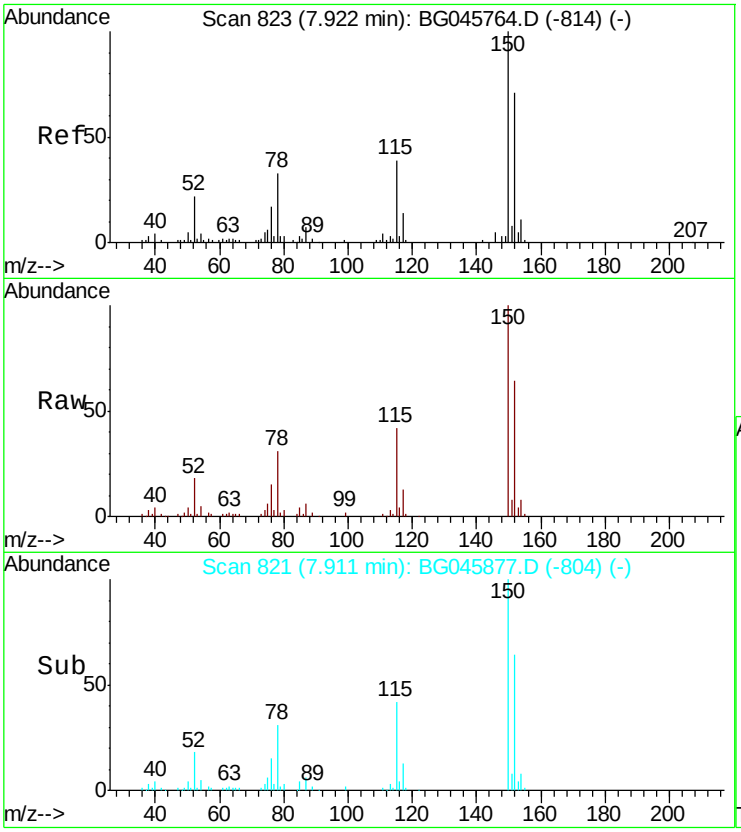
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
Data File : BG045877.D
Acq On : 29 Jun 2020 15:35
Operator : CG/JU
Sample : PB129825BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** PB129825BL

Quant Time: Jun 29 17:10:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 25 15:44:32 2020
Response via : Initial Calibration



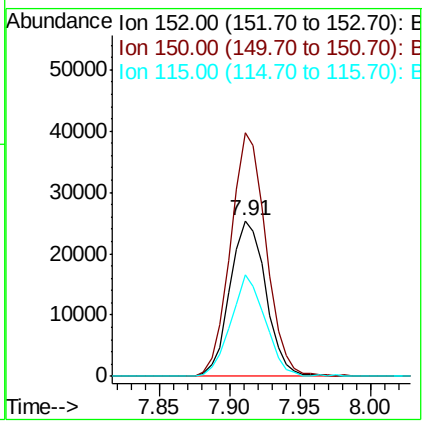


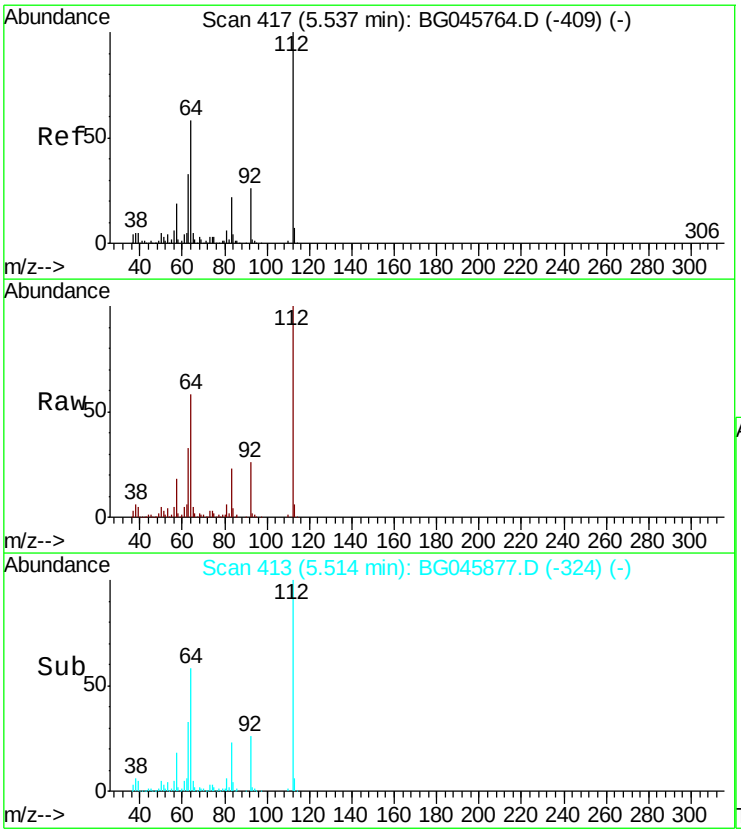

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:152 Resp: 44855

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 156.5 | 113.1 | 169.7 |
| 115 | 65.6 | 43.8 | 65.6 |

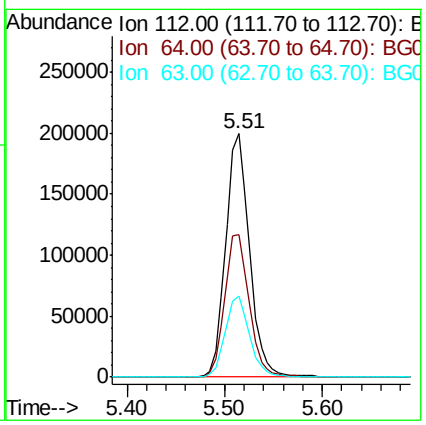


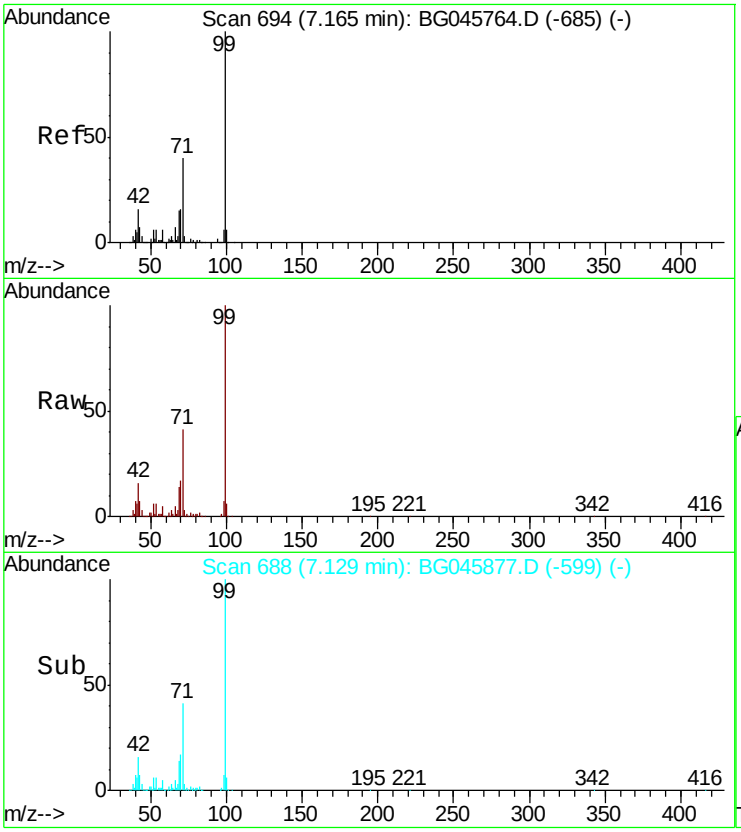




#5
2-Fluorophenol
Concen: 127.970 ng
RT: 5.51 min Scan# 413
Delta R.T. -0.01 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:112 Resp: 339804

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 58.5 | 46.6 | 69.8 |
| 63 | 33.1 | 26.3 | 39.5 |



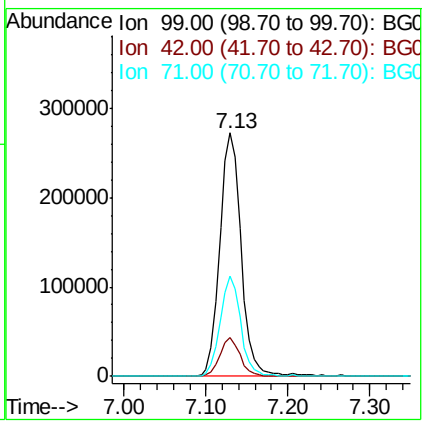


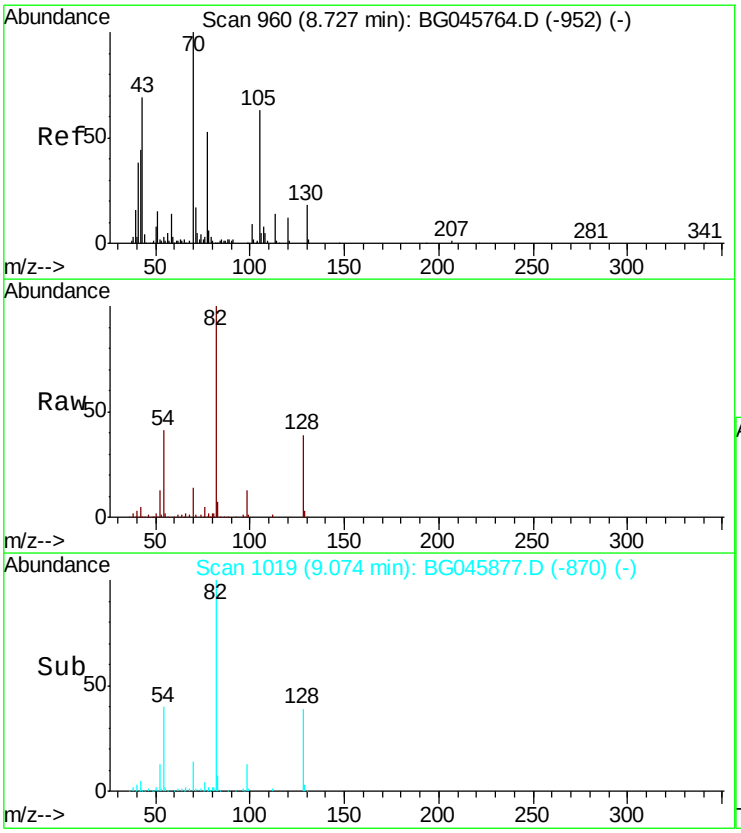

#7
Phenol-d6
Concen: 123.184 ng
RT: 7.13 min Scan# 688
Delta R.T. -0.01 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion: 99 Resp: 497543

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.7 | 12.4 | 18.6 |
| 71 | 41.3 | 32.1 | 48.1 |

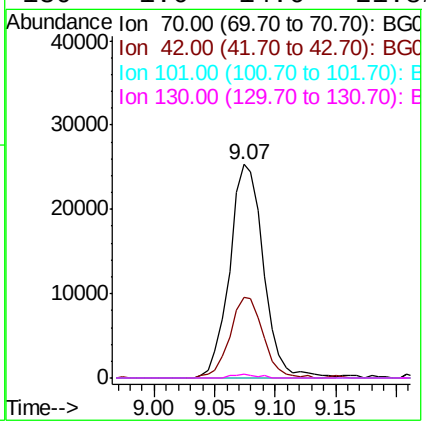


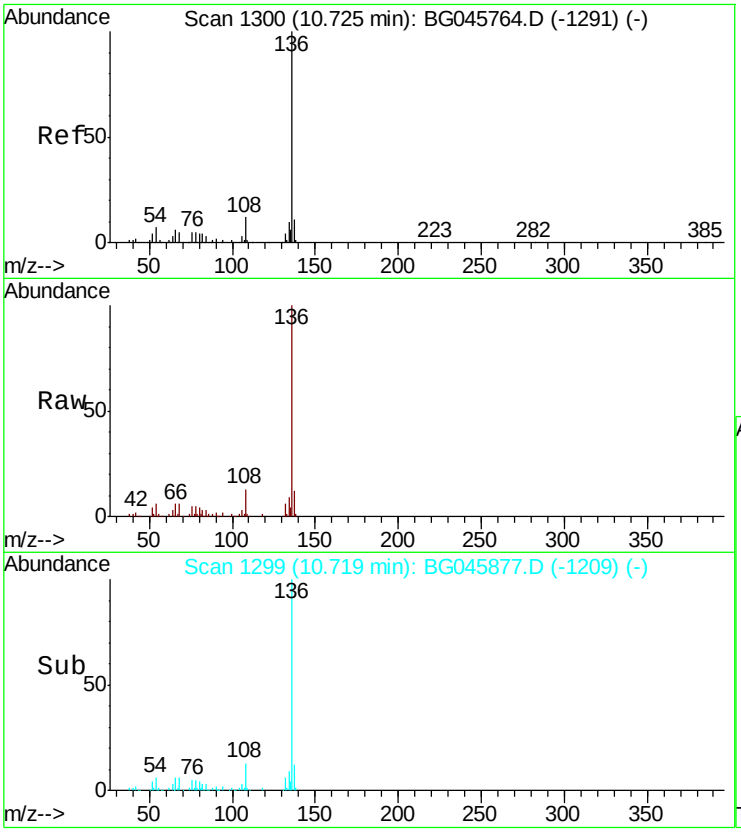




#19
n-Nitroso-di-n-propylamine
Concen: 18.670 ng
RT: 9.07 min Scan# 1019
Delta R.T. 0.35 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion: 70 Resp: 49576

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 38.0 | 35.1 | 52.7 |
| 101 | 0.0 | 7.4 | 11.0# |
| 130 | 1.6 | 14.6 | 21.8# |



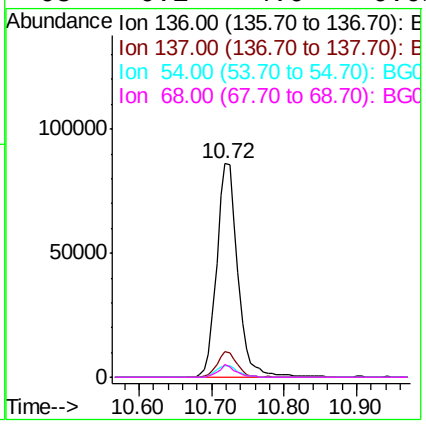


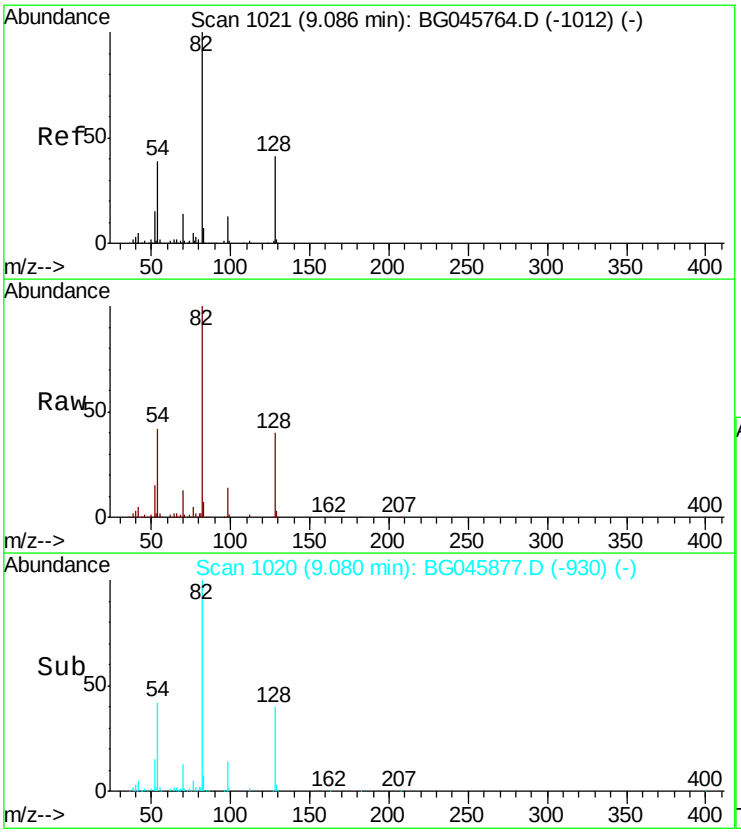

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.72 min Scan# 1299
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:136 Resp: 174158

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.9 | 8.7 | 13.1 |
| 54 | 5.7 | 5.8 | 8.6# |
| 68 | 6.1 | 4.0 | 6.0# |

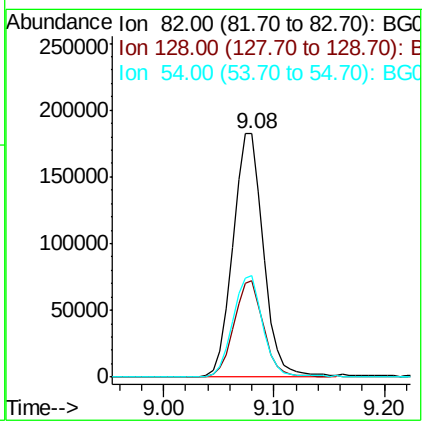


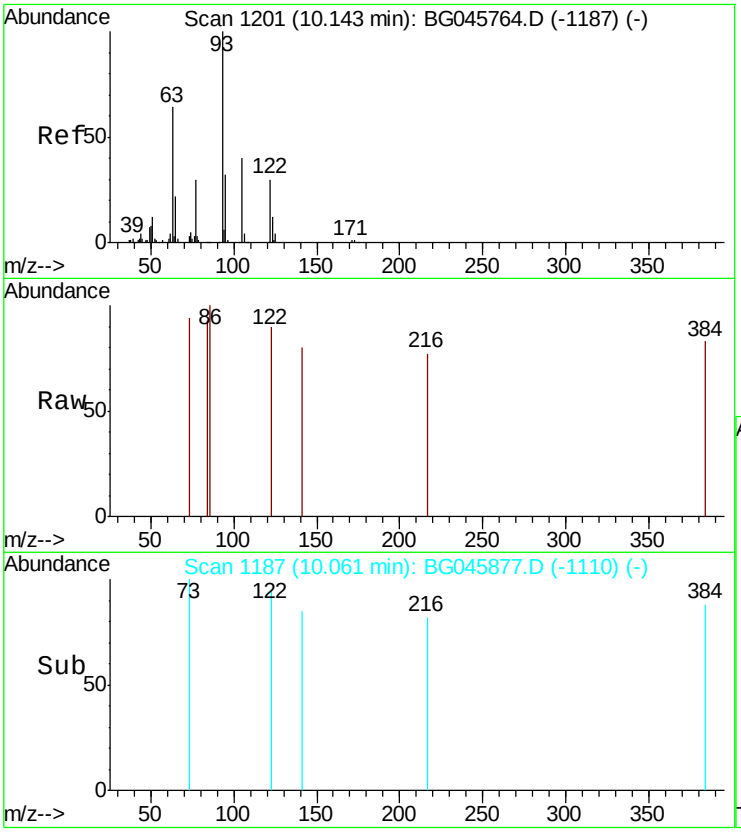




#23
Nitrobenzene-d5
Concen: 93.125 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion: 82 Resp: 355017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.7 | 32.5 | 48.7 |
| 54 | 41.6 | 31.2 | 46.8 |



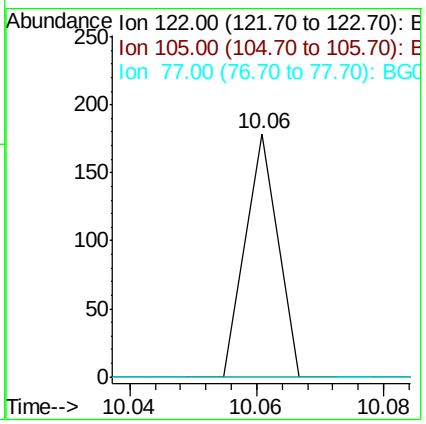


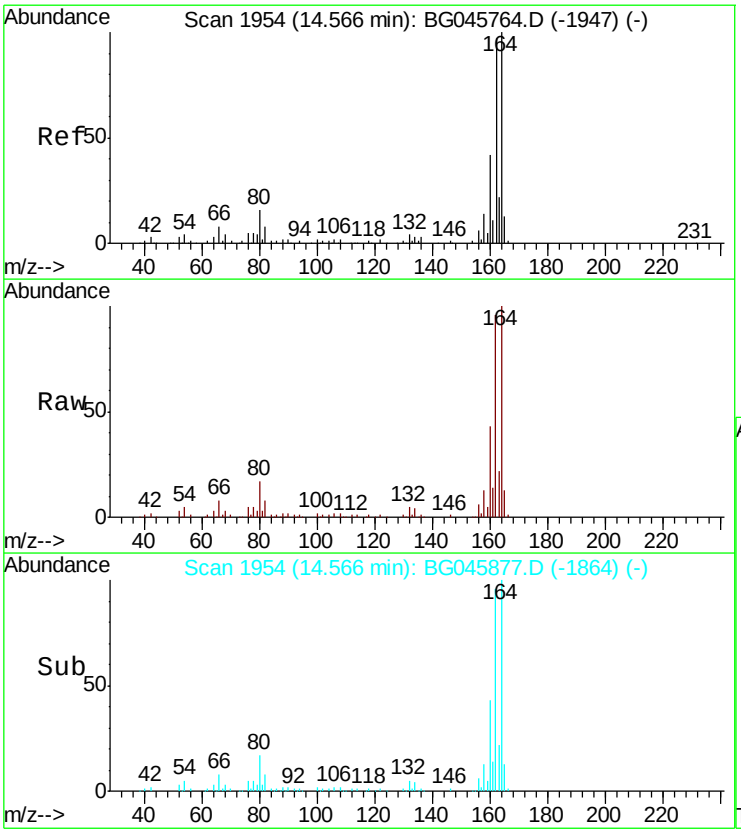

#32
Benzoic acid
Concen: 9.008 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.08 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:122 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 112.9 | 152.9# |
| 77 | 0.0 | 79.2 | 119.2# |

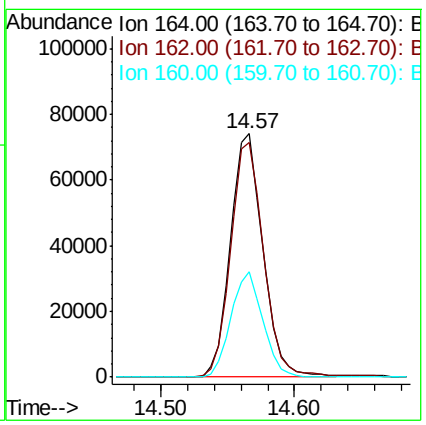


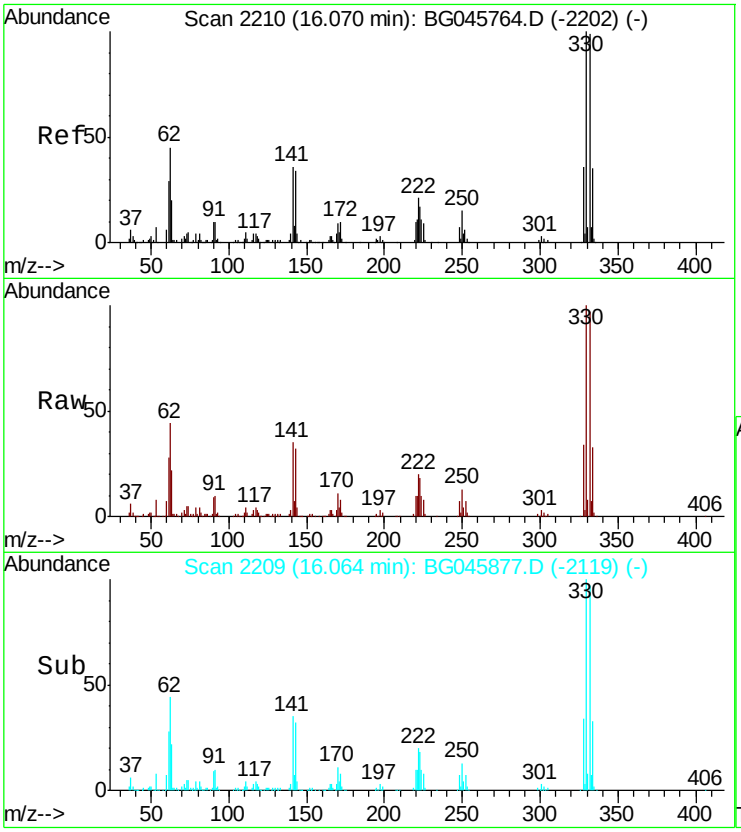




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:164 Resp: 125420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 96.5 | 77.4 | 116.0 |
| 160 | 43.4 | 33.3 | 49.9 |



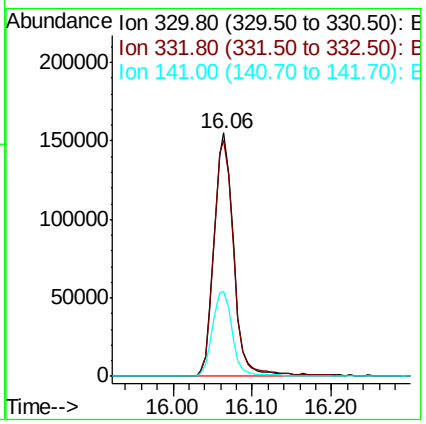


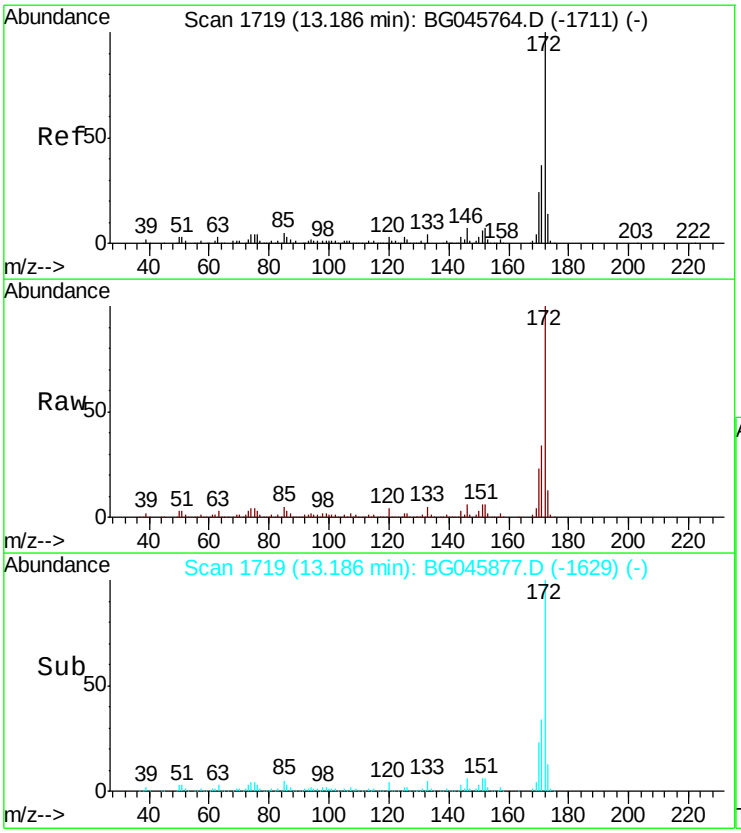

#42
2,4,6-Tribromophenol
Concen: 141.124 ng
RT: 16.06 min Scan# 2209
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:330 Resp: 267220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.4 | 78.6 | 117.8 |
| 141 | 35.8 | 28.2 | 42.4 |

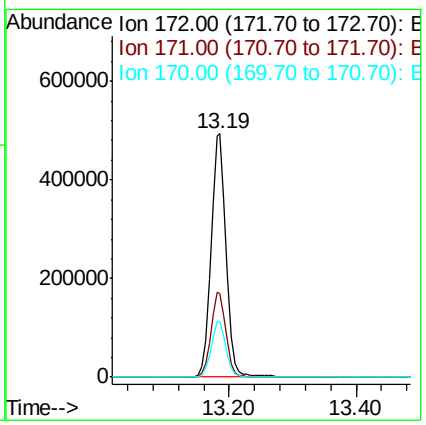


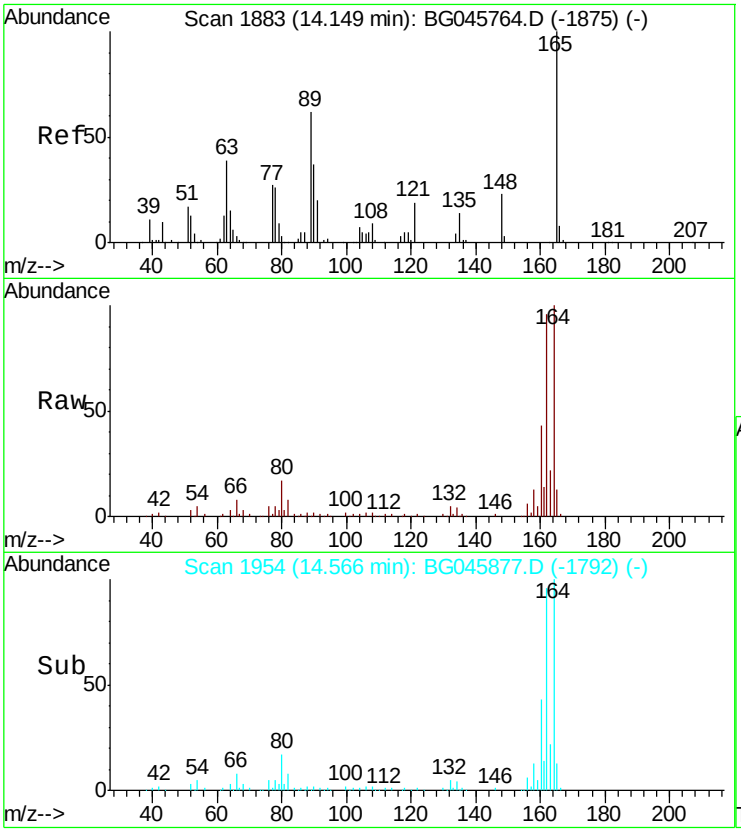




#45
2-Fluorobiphenyl
Concen: 97.915 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:172 Resp: 835663

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 29.9 | 44.9 |
| 170 | 22.5 | 19.3 | 28.9 |



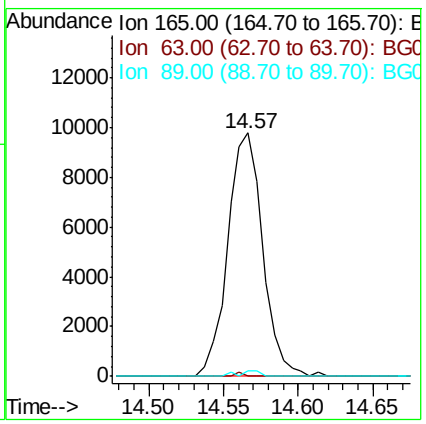


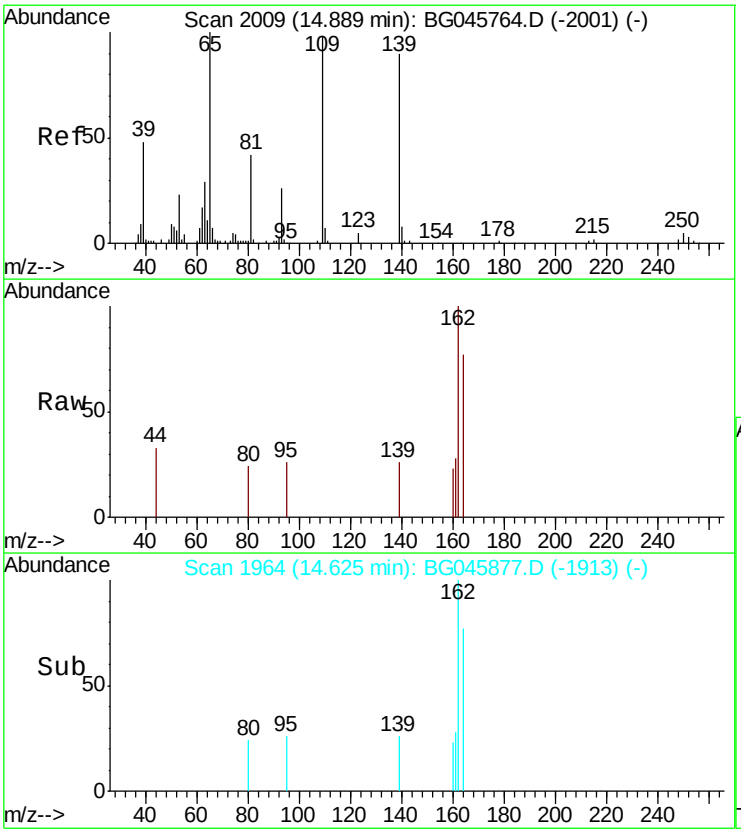

#51
2,6-Dinitrotoluene
Concen: 7.248 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.42 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:165 Resp: 15994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 41.2 | 61.8# |
| 89 | 2.3 | 49.7 | 74.5# |

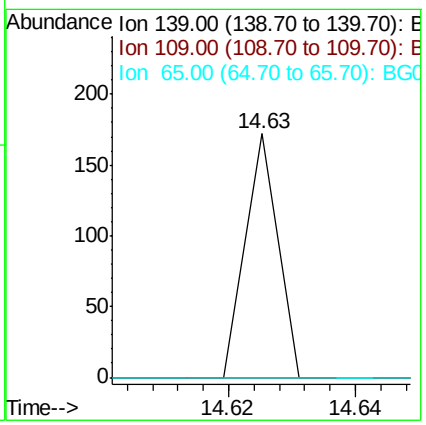


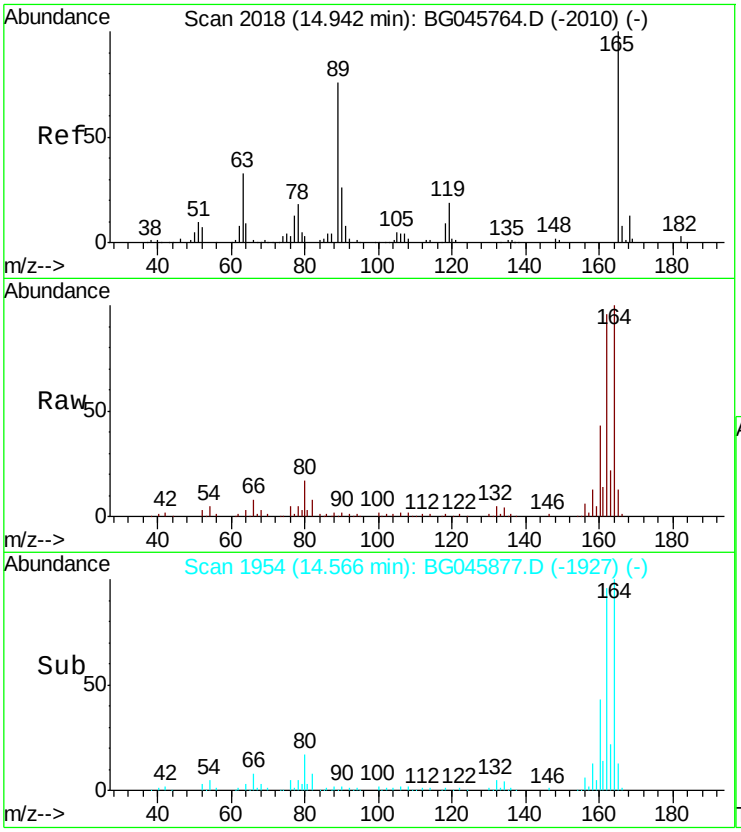




#56
4-Nitrophenol
Concen: 4.010 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.23 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:139 Resp: 61

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 88.9 | 128.9# |
| 65 | 0.0 | 92.3 | 132.3# |



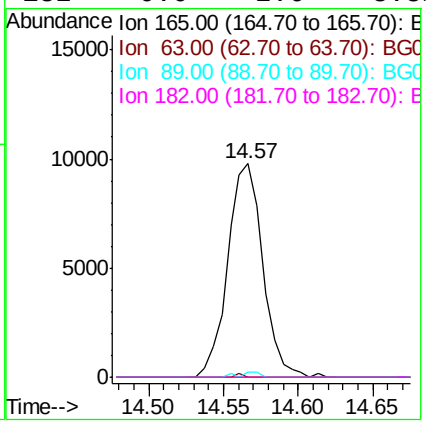


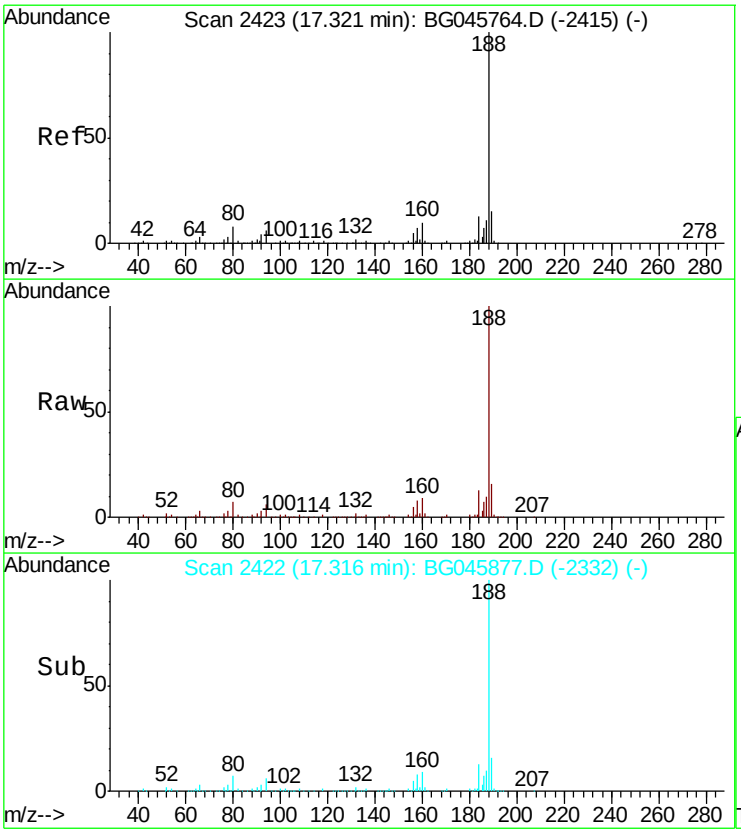

#57
2,4-Dinitrotoluene
Concen: 5.058 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.37 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:165 Resp: 15994

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 33.8 | 50.8# |
| 89 | 2.3 | 60.4 | 90.6# |
| 182 | 0.0 | 2.6 | 3.8# |

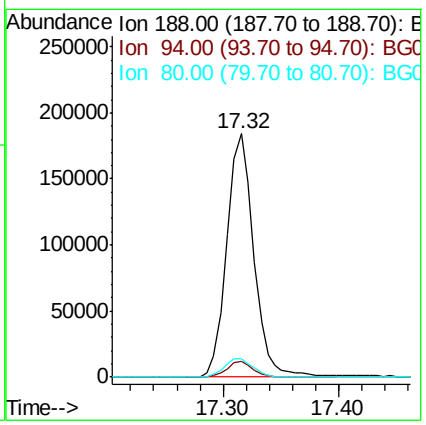


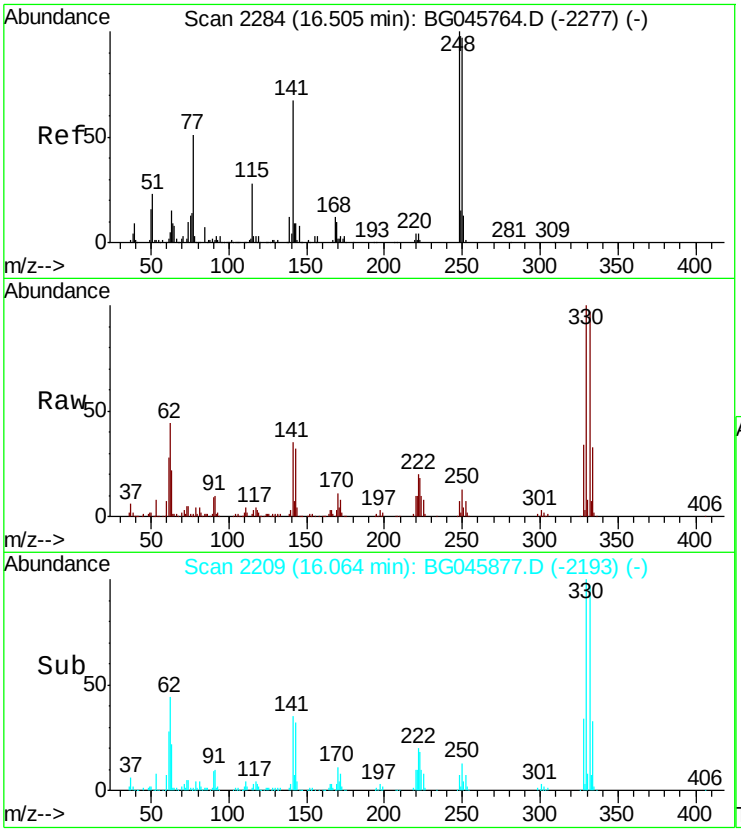




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:188 Resp: 298633

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 6.3 | 5.1 | 7.7 |
| 80 | 7.5 | 6.2 | 9.4 |



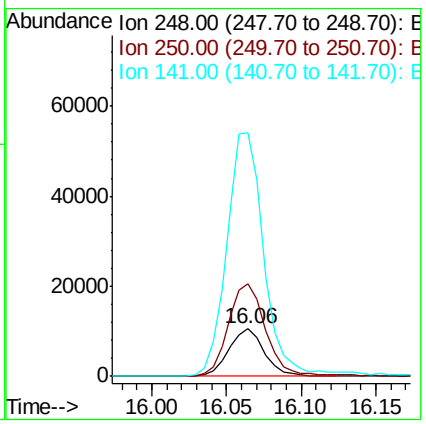


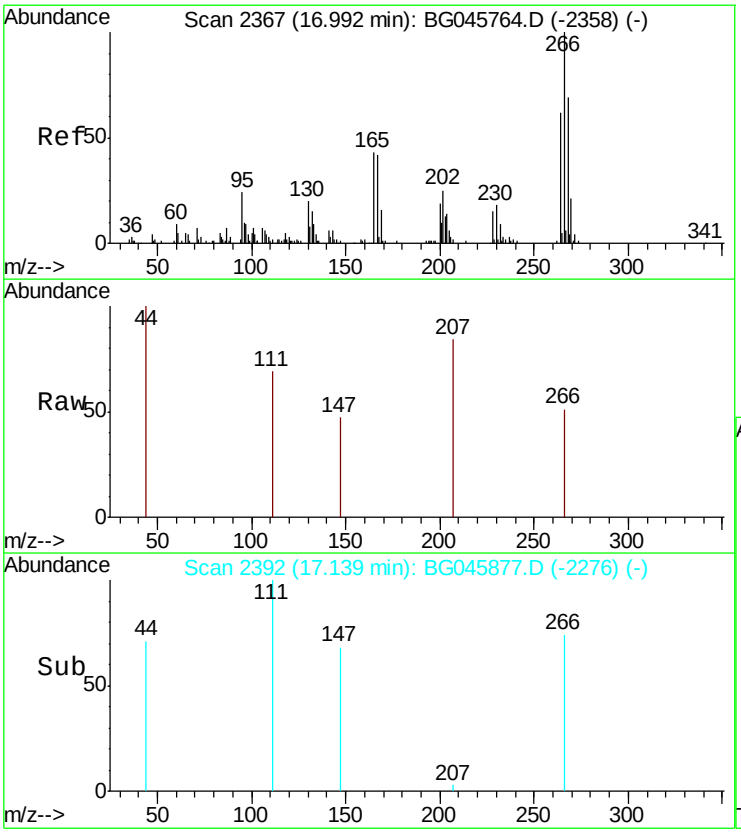

#67
4-Bromophenyl-phenylether
Concen: 4.501 ng
RT: 16.06 min Scan# 2209
Delta R.T. -0.43 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:248 Resp: 17467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 195.3 | 78.0 | 117.0# |
| 141 | 515.1 | 53.9 | 80.9# |

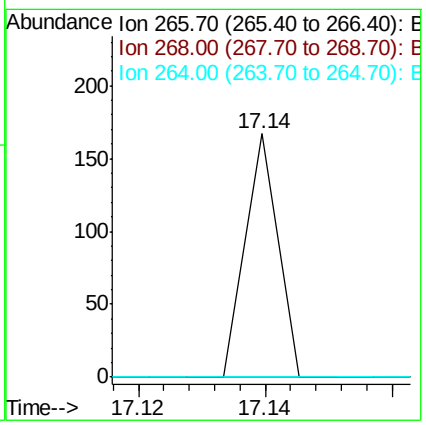


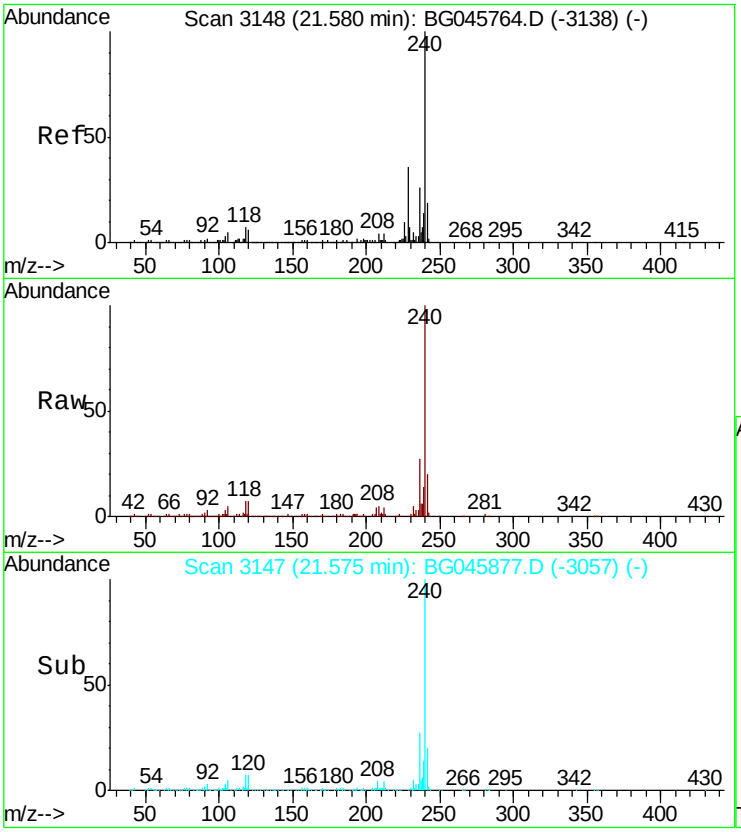




#70
Pentachlorophenol
Concen: 7.659 ng
RT: 17.14 min Scan# 2392
Delta R.T. 0.15 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:266 Resp: 59

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 0.0 | 55.4 | 83.0# |
| 264 | 0.0 | 49.8 | 74.6# |



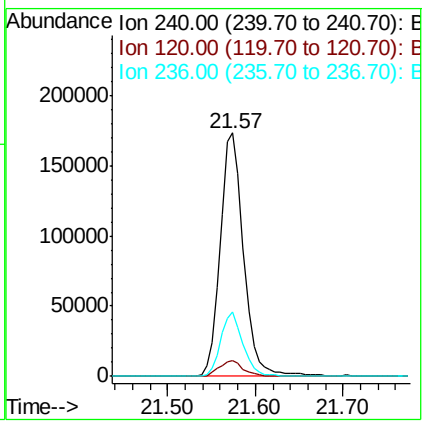


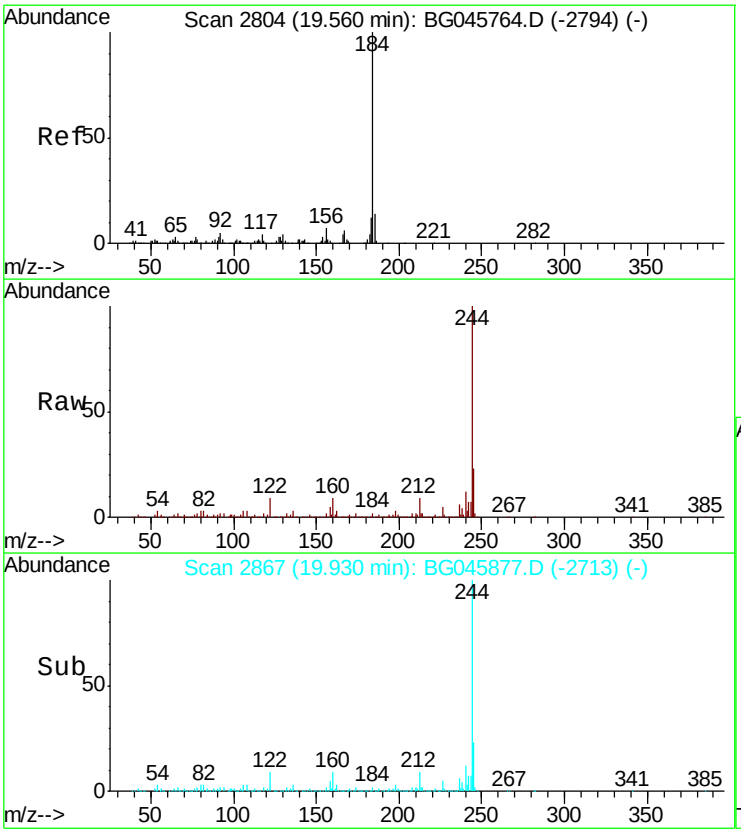

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.57 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:240 Resp: 316697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.5 | 5.0 | 7.4 |
| 236 | 26.5 | 20.6 | 30.8 |

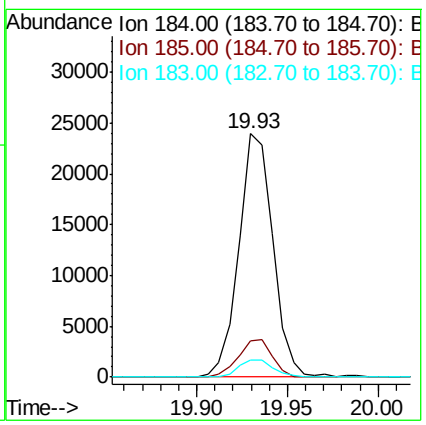


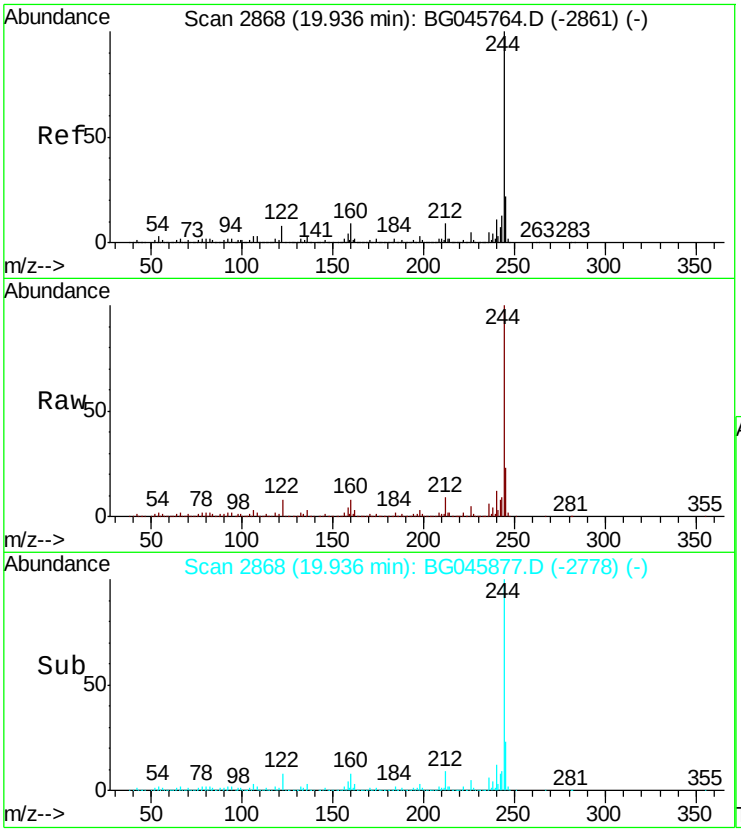




#77
Benzidine
Concen: 3.801 ng
RT: 19.93 min Scan# 2867
Delta R.T. 0.38 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:184 Resp: 31293

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 14.9 | 11.1 | 16.7 |
| 183 | 6.8 | 9.7 | 14.5# |



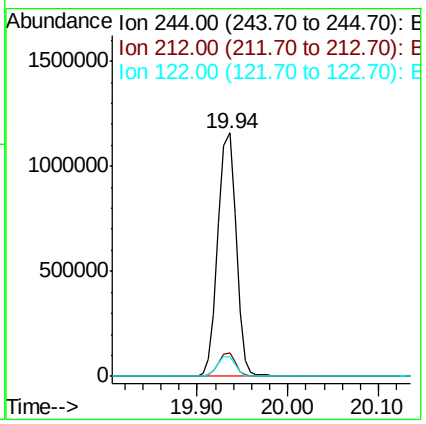


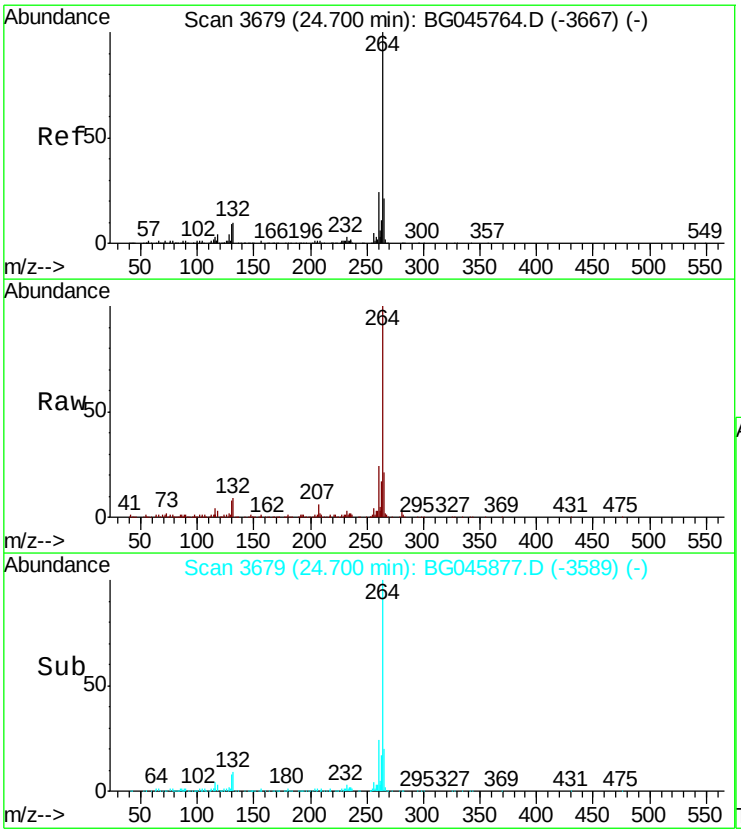

#79
Terphenyl-d14
Concen: 104.343 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

**Instrument :**
BNA_G
**ClientSampleId :**
PB129825BL

Tgt Ion:244 Resp: 1630580

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.4 | 7.2 | 10.8 |
| 122 | 8.2 | 6.4 | 9.6 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG045877.D
Acq: 29 Jun 2020 15:35

Tgt Ion:264 Resp: 313998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.0 | 19.0 | 28.4 |
| 265 | 20.7 | 17.4 | 26.0 |