Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TP-10-DA

Quant Time: Mar 19 01:44:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 8.04 | 152 | 68815 | 20.00 | ng | | -0.01 |
| 21) Naphthalene-d8 | 10.85 | 136 | 268012 | 20.00 | ng | | -0.01 |
| 39) Acenaphthene-d10 | 14.67 | 164 | 184818 | 20.00 | ng | | -0.01 |
| 64) Phenanthrene-d10 | 17.42 | 188 | 440877 | 20.00 | ng | | -0.01 |
| 76) Chrysene-d12 | 21.68 | 240 | 486684 | 20.00 | ng | | -0.02 |
| 87) Perylene-d12 | 24.89 | 264 | 502898 | 20.00 | ng | | -0.02 |
| **System Monitoring Compounds** | | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 439133 | 99.34 | ng | | 0.00 |
| 7) Phenol-d6 | 7.20 | 99 | 613526 | 95.52 | ng | | 0.00 |
| 23) Nitrobenzene-d5 | 9.20 | 82 | 391127 | 64.04 | ng | | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.16 | 330 | 258676 | 106.89 | ng | | -0.01 |
| 45) 2-Fluorobiphenyl | 13.30 | 172 | 823214 | 63.79 | ng | | 0.00 |
| 79) Terphenyl-d14 | 20.03 | 244 | 1488679 | 57.22 | ng | | -0.01 |
| **Target Compounds** | | | | | | | Qvalue |
| 9) Benzaldehyde | 7.19 | 77 | 1588 | Below Cal | | # | 6 |
| 19) n-Nitroso-di-n-propylamine | 9.20 | 70 | 52562 | 11.59 | ng | # | 73 |
| 26) 2-Nitrophenol | 10.05 | 139 | 63 | 5.54 | ng | # | 28 |
| 32) Benzoic acid | 9.92 | 122 | 56 | 9.68 | ng | # | 12 |
| 50) Dimethylphthalate | 14.12 | 163 | 121651 | 8.26 | ng | # | 99 |
| 54) 2,4-Dinitrophenol | 14.65 | 184 | 70 | 8.36 | ng | # | 21 |
| 57) 2,4-Dinitrotoluene | 14.67 | 165 | 23342 | 5.74 | ng | # | 20 |
| 65) 4,6-Dinitro-2-methylphenol | 16.16 | 198 | 848 | 8.07 | ng | | 90 |
| 67) 4-Bromophenyl-phenylether | 16.16 | 248 | 17065 | 3.10 | ng | # | 1 |

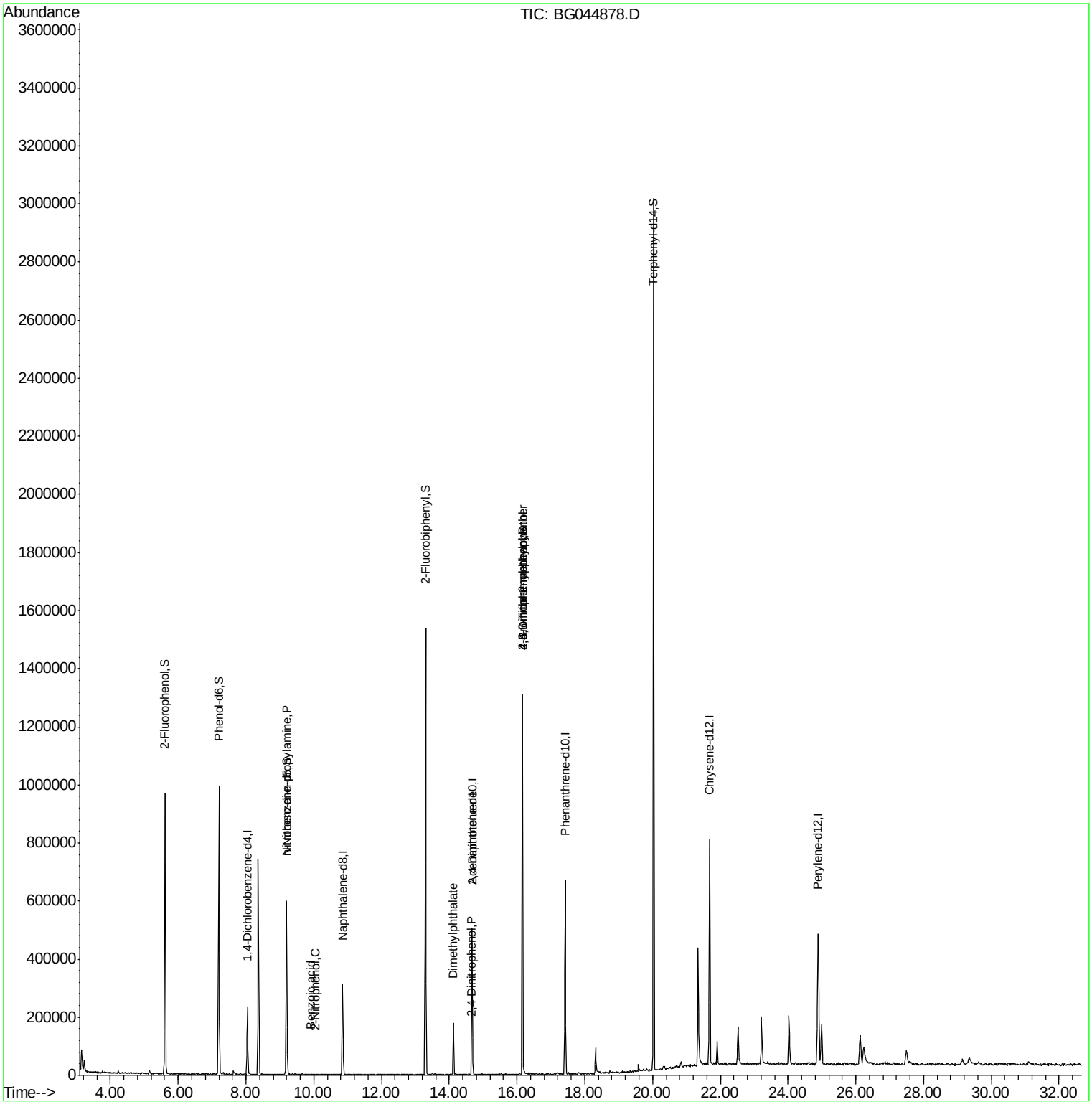
(#) = qualifier out of range (m) = manual integration (+) = signals summed

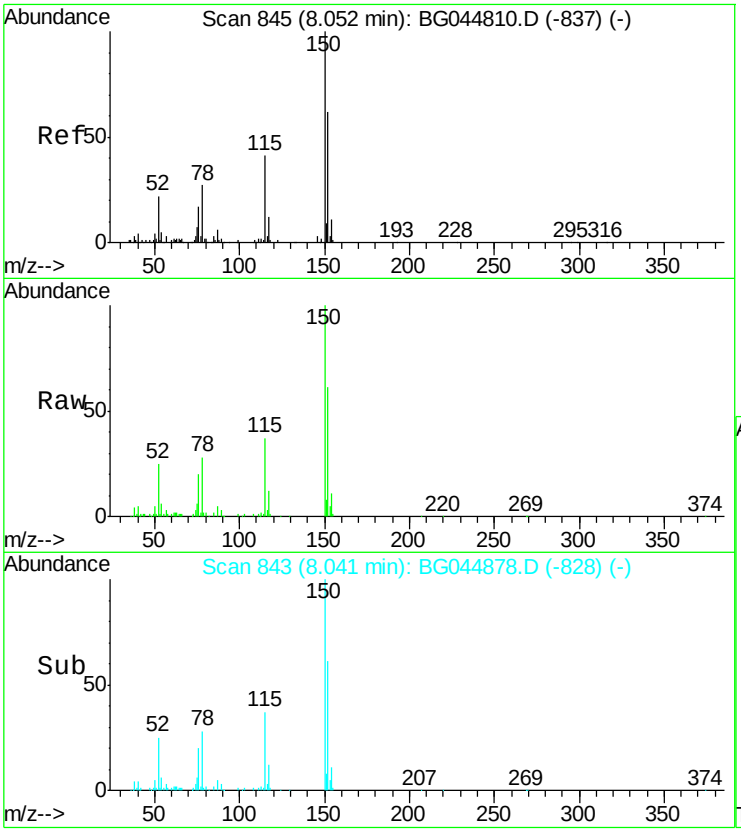
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031820\
Data File : BG044878.D
Acq On : 19 Mar 2020 00:27
Operator : CG/JU
Sample : L1942-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Quant Time: Mar 19 01:44:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration



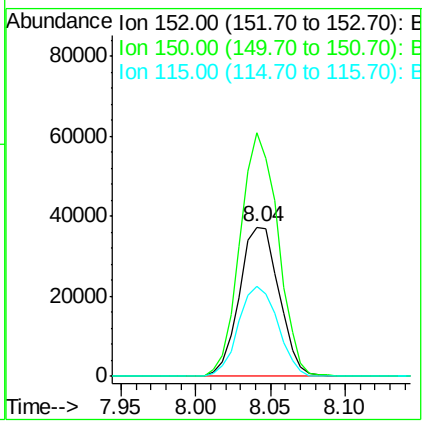


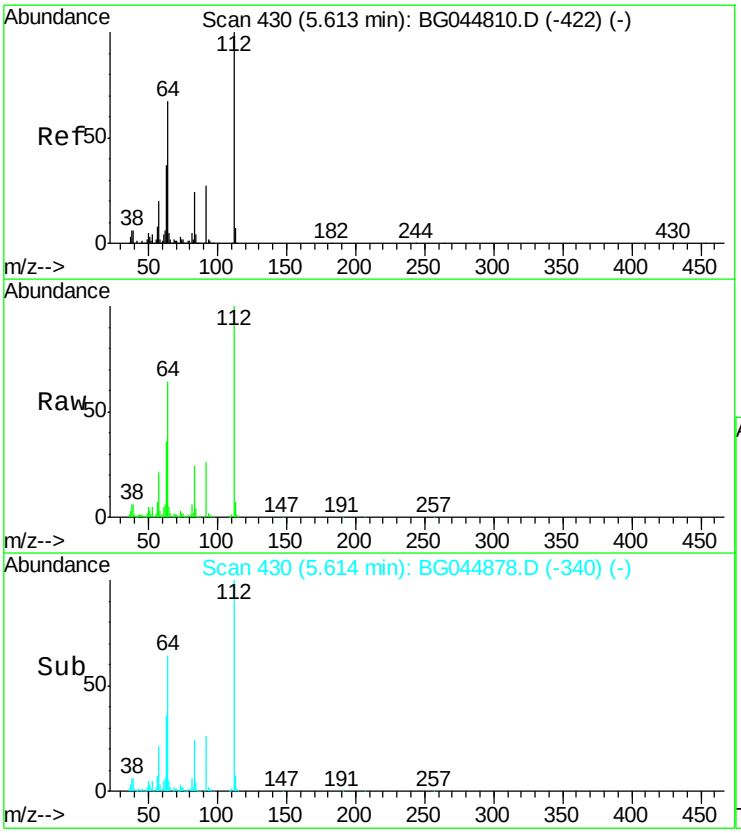

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:152 Resp: 68815

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 162.9 | 128.8 | 193.2 |
| 115 | 60.5 | 52.6 | 79.0 |

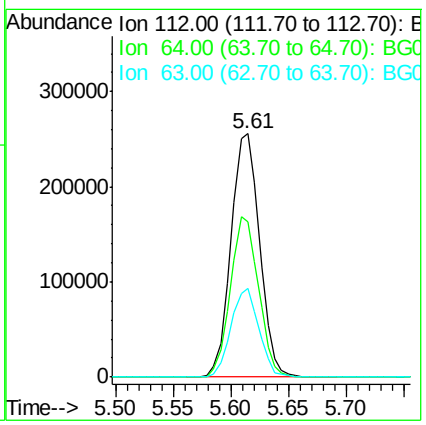


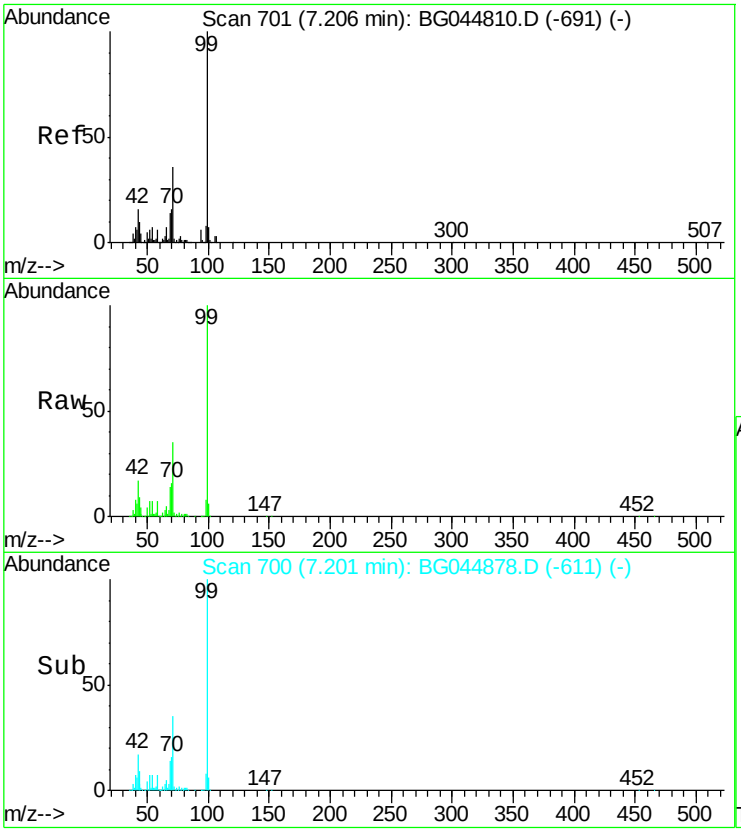




#5
2-Fluorophenol
Concen: 99.34 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:112 Resp: 439133

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.8 | 53.4 | 80.2 |
| 63 | 36.5 | 29.4 | 44.2 |



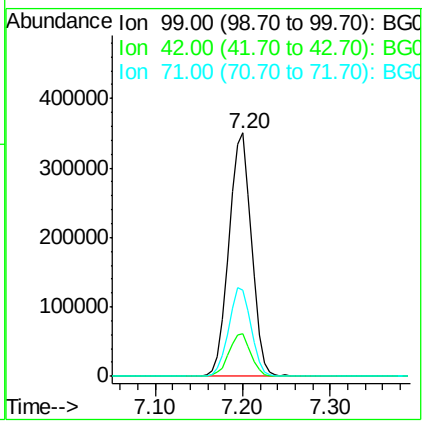


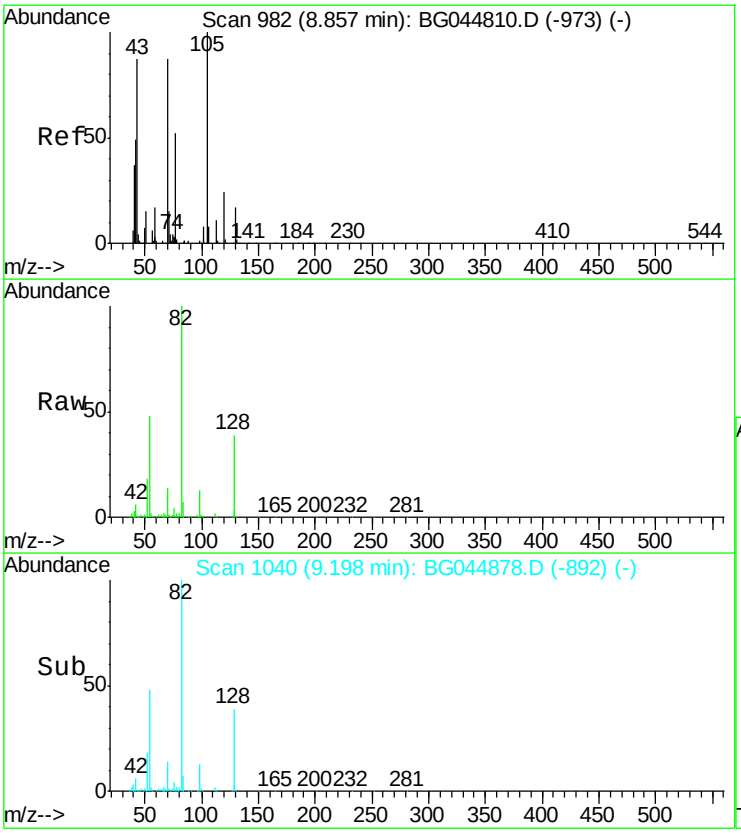

#7
Phenol-d6
Concen: 95.52 ng
RT: 7.20 min Scan# 700
Delta R.T. -0.00 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion: 99 Resp: 613526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 17.3 | 12.6 | 19.0 |
| 71 | 35.2 | 29.0 | 43.4 |

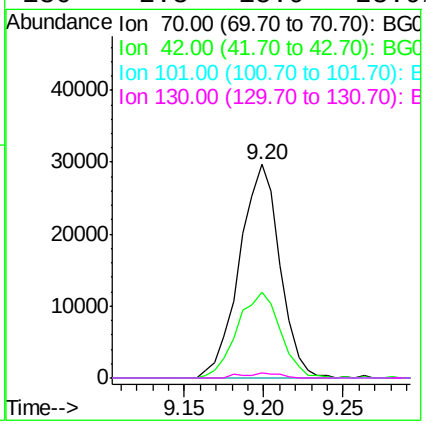


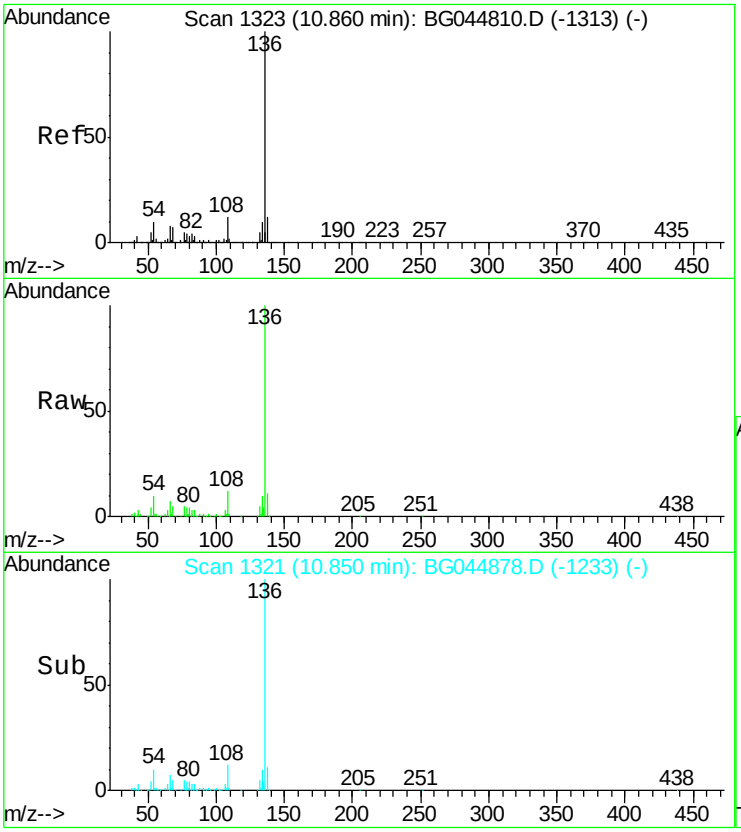




#19
n-Nitroso-di-n-propylamine
Concen: 11.59 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion: 70 Resp: 52562

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 40.0 | 45.7 | 68.5# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.3 | 15.9 | 23.9# |



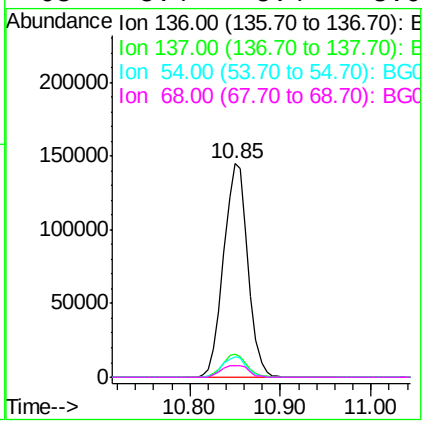


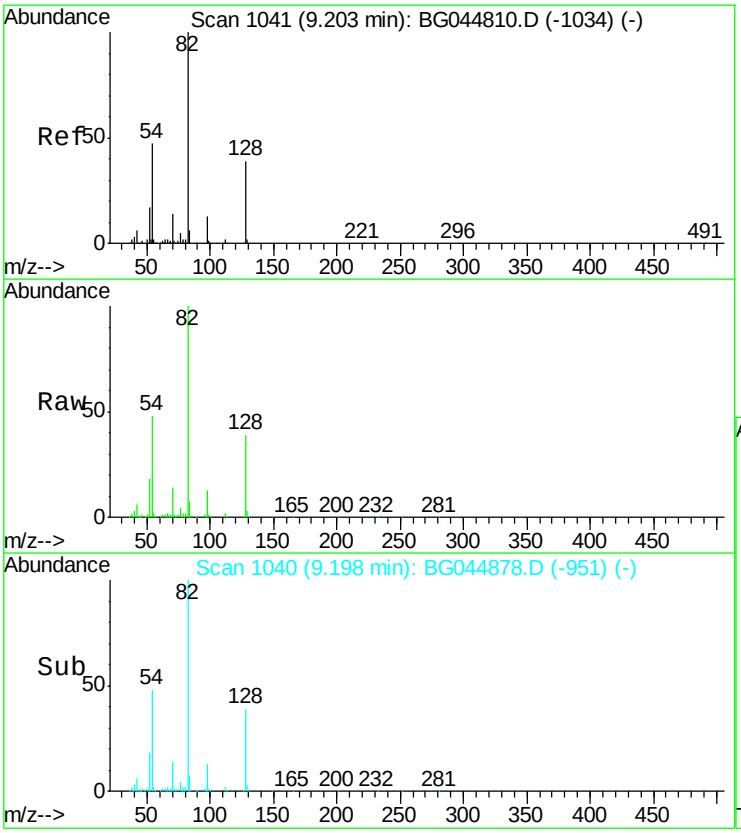

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:136 Resp: 268012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 9.8 | 14.6 |
| 54 | 9.8 | 7.9 | 11.9 |
| 68 | 5.4 | 5.4 | 8.0 |

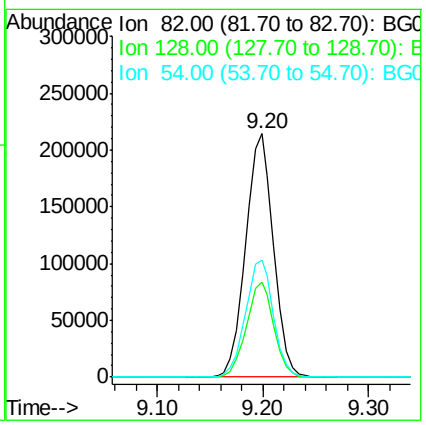


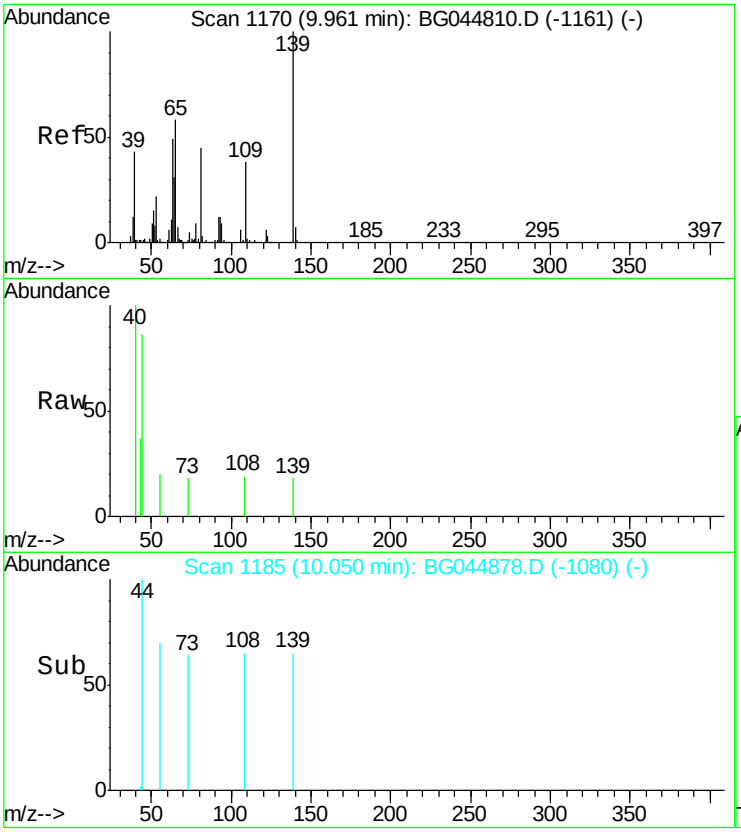




#23
Nitrobenzene-d5
Concen: 64.04 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion: 82 Resp: 391127

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 39.0 | 30.6 | 46.0 |
| 54 | 47.8 | 37.1 | 55.7 |



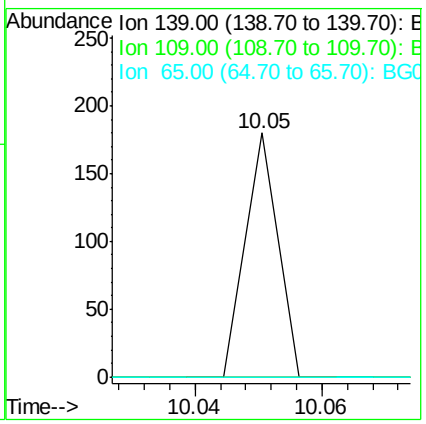


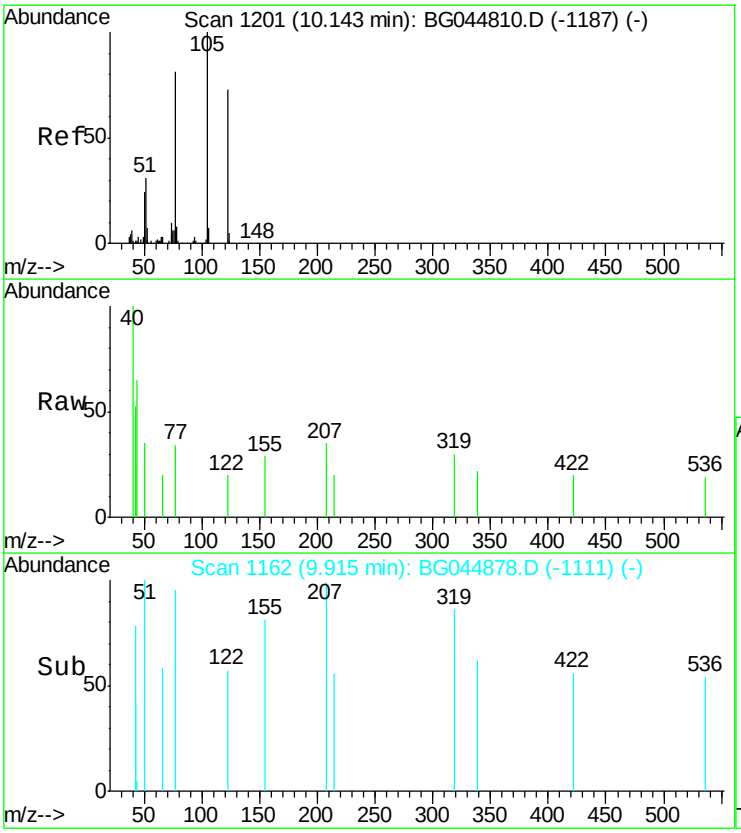

#26
2-Nitrophenol
Concen: 5.54 ng
RT: 10.05 min Scan# 1185
Delta R.T. 0.09 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:139 Resp: 63

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 139 | 100 | | |
| 109 | 0.0 | 30.2 | 45.4# |
| 65 | 0.0 | 46.3 | 69.5# |

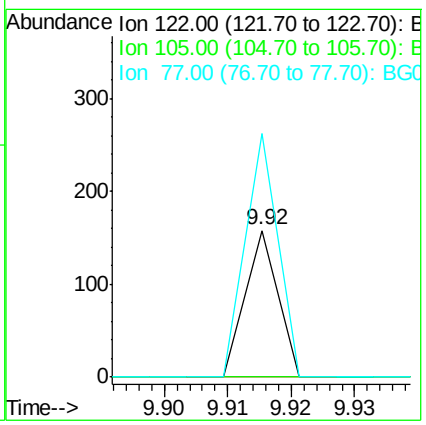


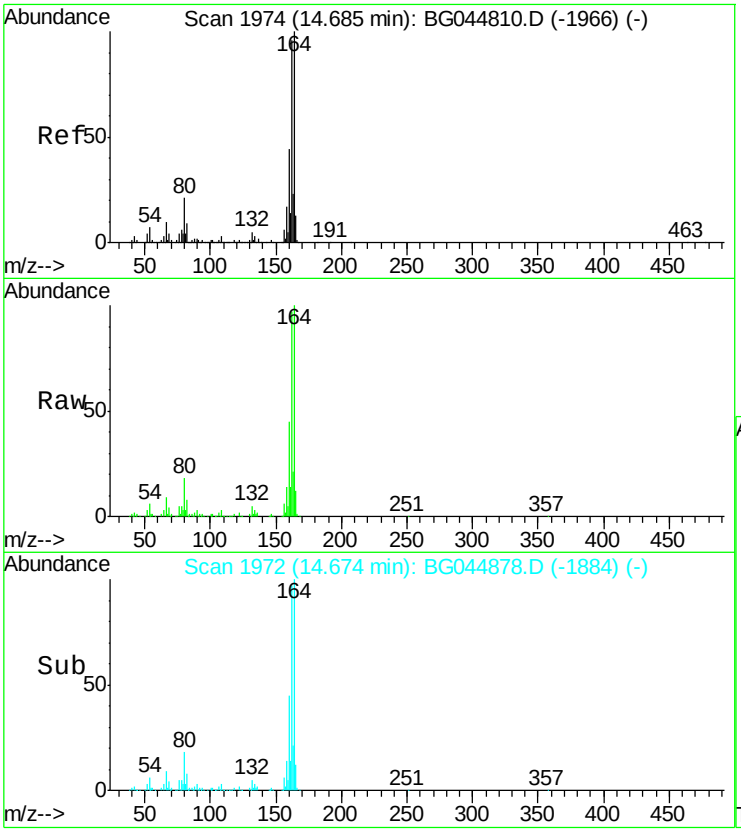




#32
Benzoic acid
Concen: 9.68 ng
RT: 9.92 min Scan# 1162
Delta R.T. -0.23 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:122 Resp: 56

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 0.0 | 109.1 | 149.1# |
| 77 | 165.8 | 85.3 | 125.3# |



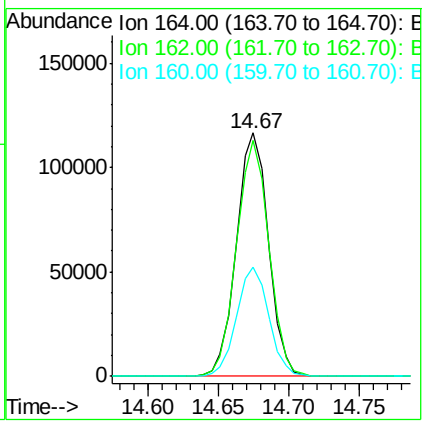


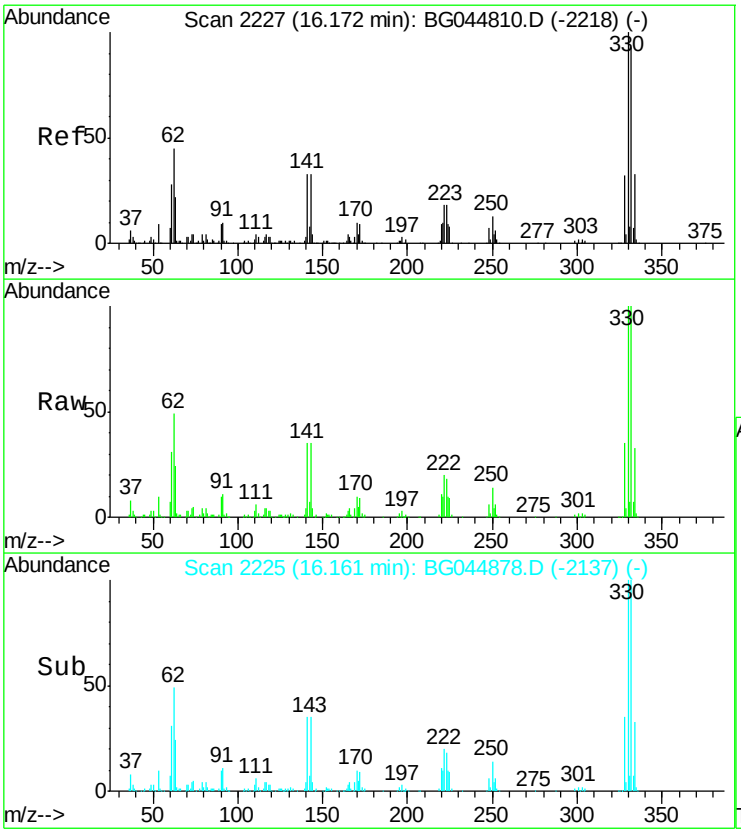

#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:164 Resp: 184818

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 97.1 | 76.7 | 115.1 |
| 160 | 44.8 | 35.0 | 52.4 |

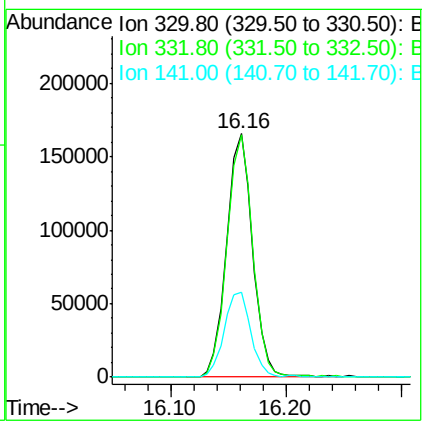


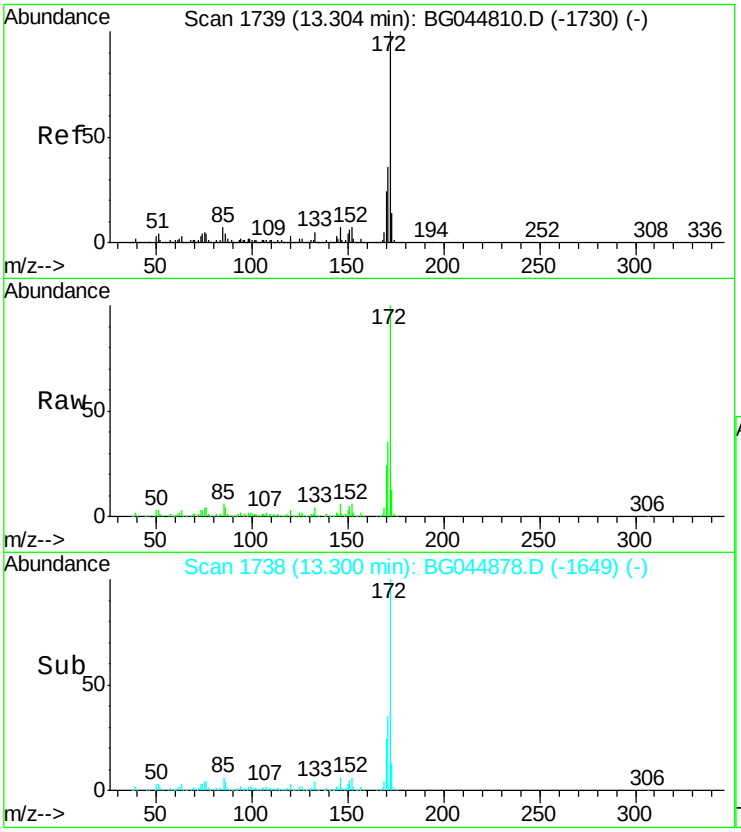




#42
2,4,6-Tribromophenol
Concen: 106.89 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:330 Resp: 258676

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.9 | 77.8 | 116.6 |
| 141 | 36.0 | 29.5 | 44.3 |



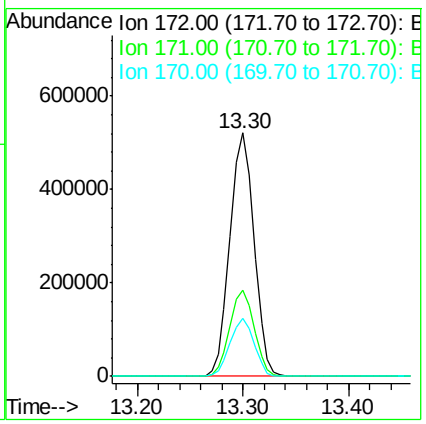


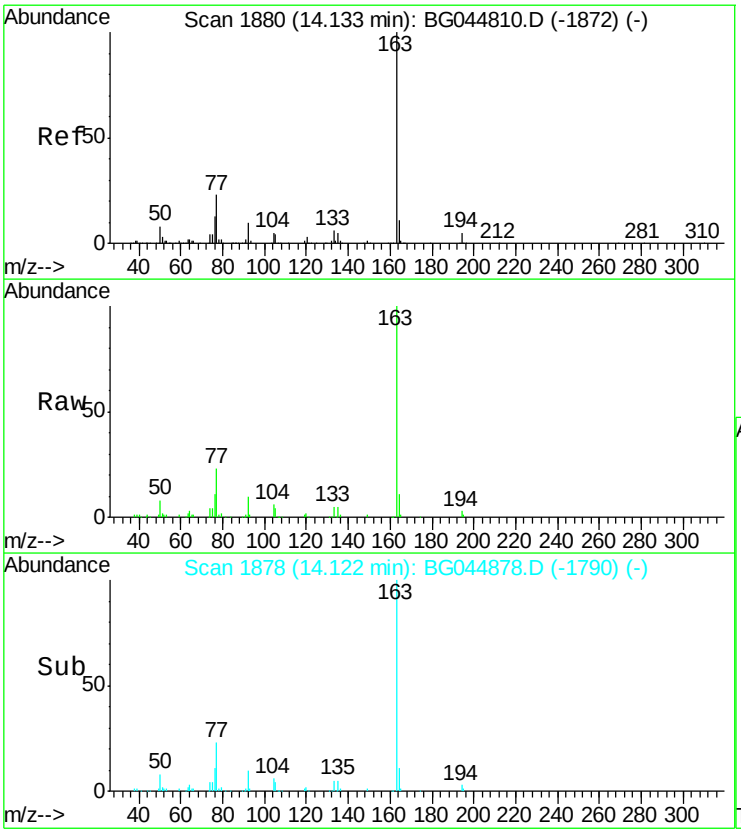

#45
2-Fluorobiphenyl
Concen: 63.79 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:172 Resp: 823214

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.3 | 28.7 | 43.1 |
| 170 | 23.8 | 19.0 | 28.6 |

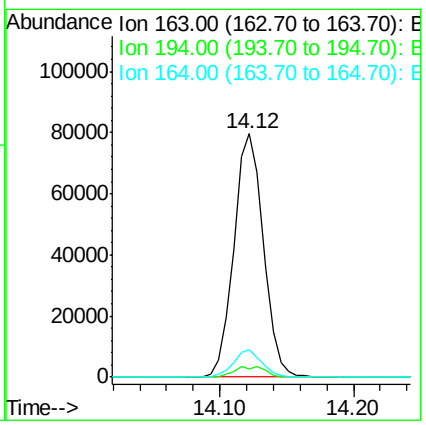


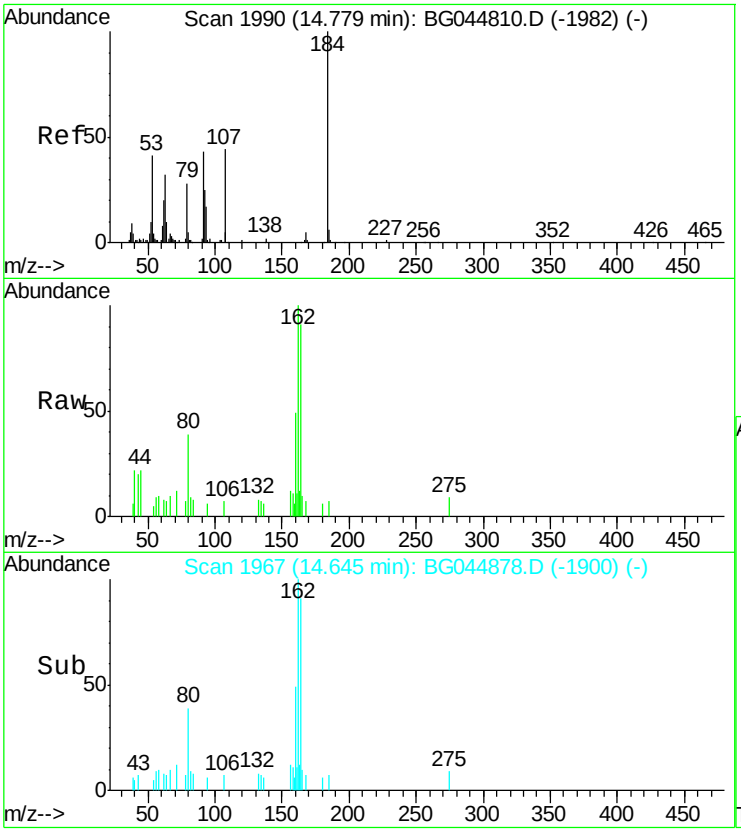




#50
Dimethylphthalate
Concen: 8.26 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:163 Resp: 121651

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 3.4 | 3.7 | 5.5# |
| 164 | 11.2 | 9.1 | 13.7 |



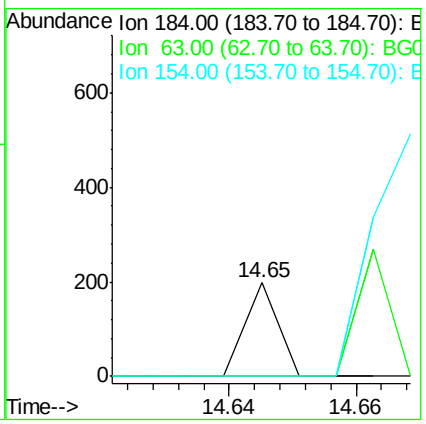


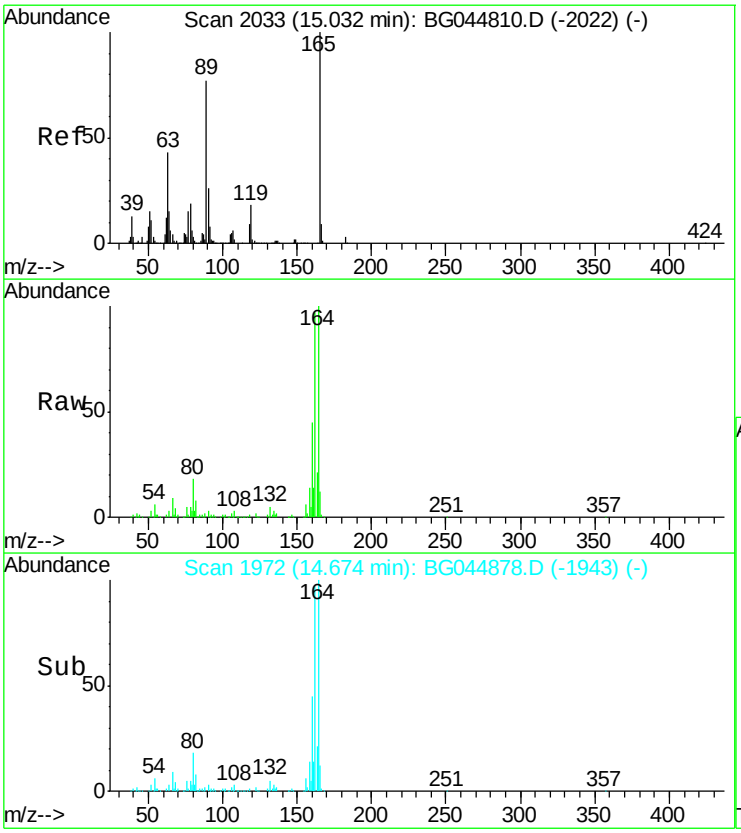

#54
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.13 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:184 Resp: 70

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 63 | 0.0 | 45.5 | 68.3# |
| 154 | 0.0 | 49.1 | 73.7# |

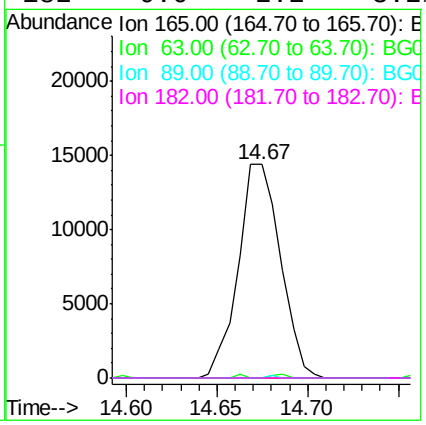


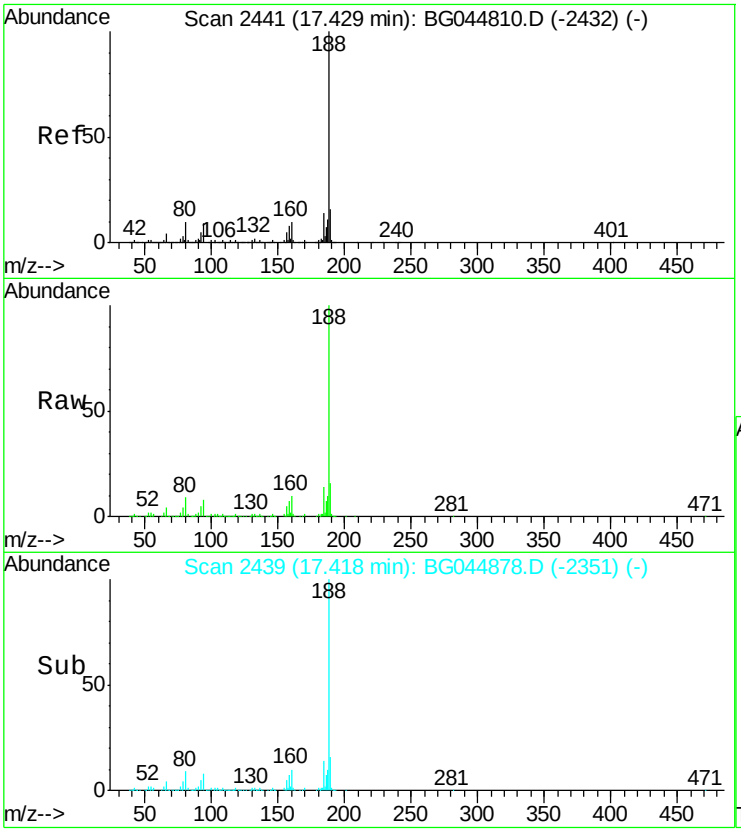




#57
2,4-Dinitrotoluene
Concen: 5.74 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:165 Resp: 23342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 34.6 | 52.0# |
| 89 | 0.0 | 61.3 | 91.9# |
| 182 | 0.0 | 2.2 | 3.2# |



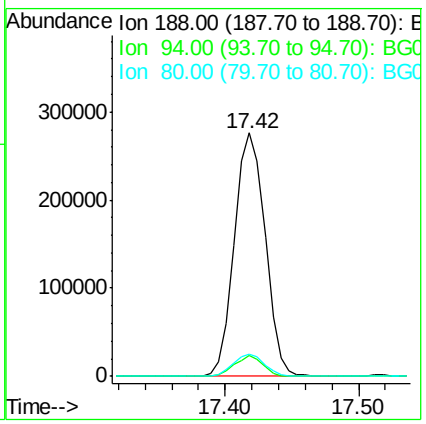


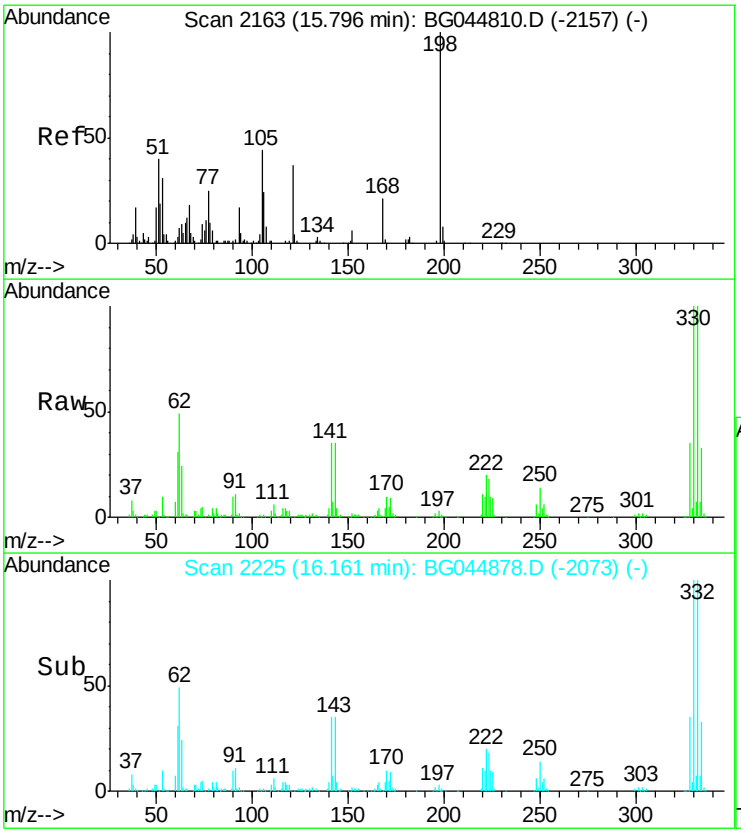

#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:188 Resp: 440877

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.4 | 7.3 | 10.9 |
| 80 | 9.3 | 8.0 | 12.0 |

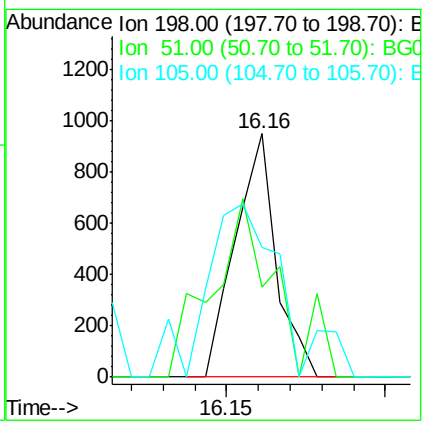


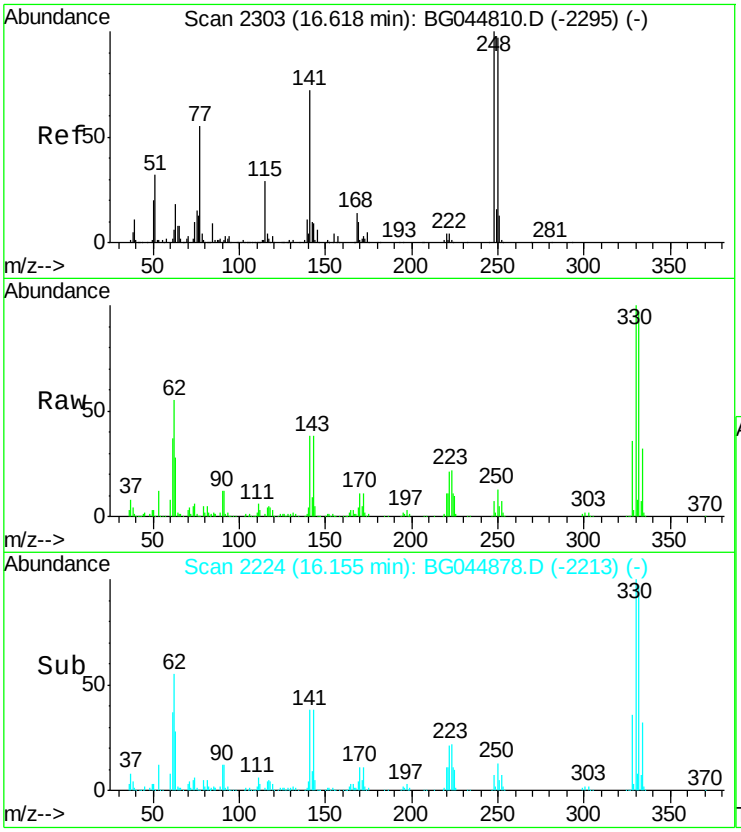




#65
4,6-Dinitro-2-methylphenol
Concen: 8.07 ng
RT: 16.16 min Scan# 2225
Delta R.T. 0.37 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:198 Resp: 848

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 36.9 | 21.1 | 61.1 |
| 105 | 53.4 | 24.5 | 64.5 |



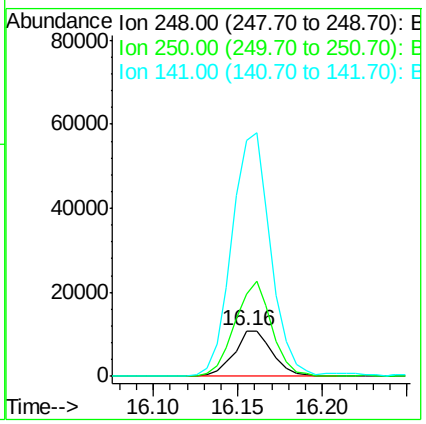


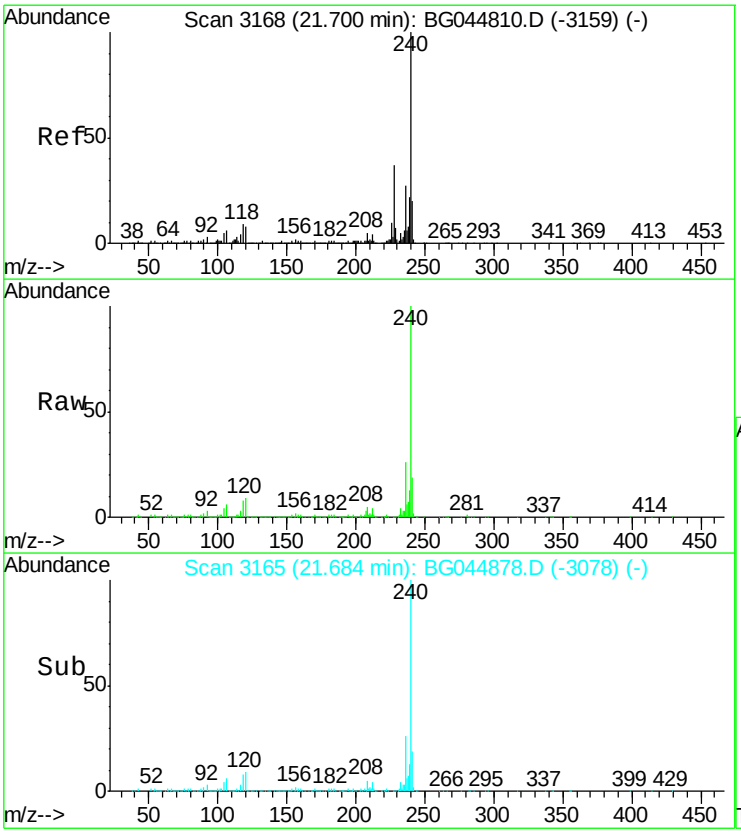

#67
4-Bromophenyl-phenylether
Concen: 3.10 ng
RT: 16.16 min Scan# 2224
Delta R.T. -0.46 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:248 Resp: 17065

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 179.3 | 77.9 | 116.9# |
| 141 | 515.9 | 57.5 | 86.3# |

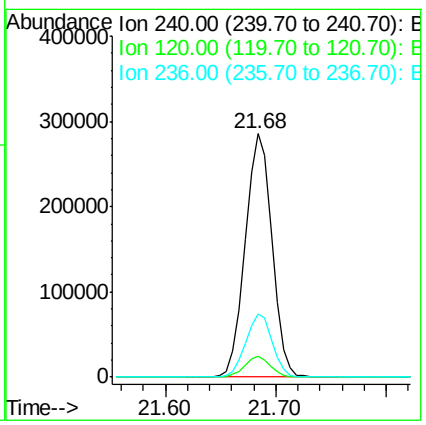


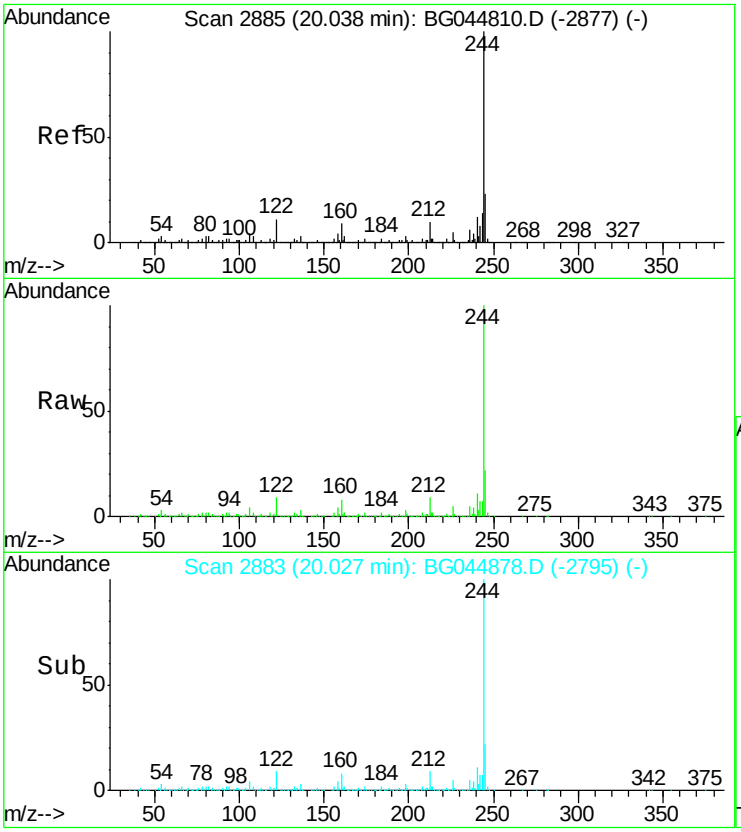




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:240 Resp: 486684

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 8.7 | 6.7 | 10.1 |
| 236 | 25.9 | 21.5 | 32.3 |



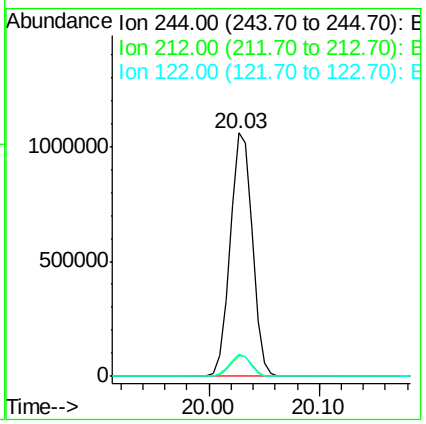


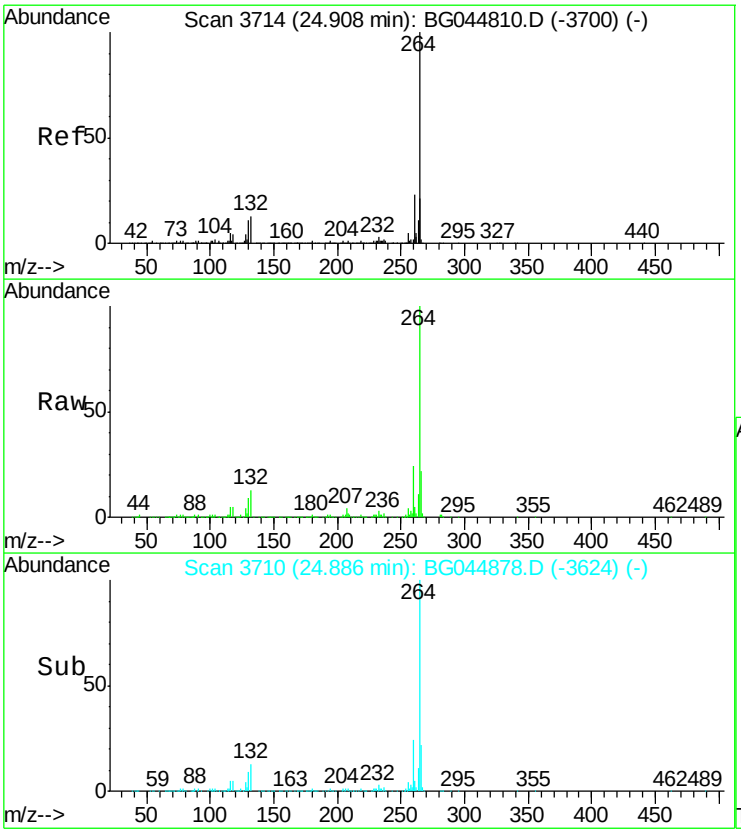

#79
Terphenyl-d14
Concen: 57.22 ng
RT: 20.03 min Scan# 2883
Delta R.T. -0.01 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

**Instrument :**
BNA_G
**ClientSampleId :**
TP-10-DA

Tgt Ion:244 Resp: 1488679

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.7 | 7.7 | 11.5 |
| 122 | 9.3 | 8.6 | 12.8 |




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3710
Delta R.T. -0.02 min
Lab File: BG044878.D
Acq: 19 Mar 2020 00:27

Tgt Ion:264 Resp: 502898

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.7 | 18.1 | 27.1 |
| 265 | 22.1 | 17.1 | 25.7 |