Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TEST-PIT-3

Quant Time: Mar 21 00:43:57 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 | 8.05 | 152 | 79841 | 20.00 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.85 | 136 | 316192 | 20.00 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.67 | 164 | 216262 | 20.00 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.42 | 188 | 506760 | 20.00 | ng | -0.01 |
| 76) Chrysene-d12 | 21.68 | 240 | 502565 | 20.00 | ng | -0.02 |
| 87) Perylene-d12 | 24.89 | 264 | 531464 | 20.00 | ng | -0.02 |
| **System Monitoring Compounds** | | | | | | |
| 5) 2-Fluorophenol | 5.61 | 112 | 286718 | 55.90 | ng | 0.00 |
| 7) Phenol-d6 | 7.20 | 99 | 239286 | 32.11 | ng | -0.01 |
| 23) Nitrobenzene-d5 | 9.20 | 82 | 624155 | 86.62 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.16 | 330 | 417689 | 147.51 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.30 | 172 | 1338824 | 88.65 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.03 | 244 | 1925603 | 71.67 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 9) Benzaldehyde | 7.20 | 77 | 528 | Below Cal | # | 43 |
| 19) n-Nitroso-di-n-propylamine | 9.20 | 70 | 83993 | 15.96 | ng | # 74 |
| 26) 2-Nitrophenol | 10.45 | 139 | 55 | 5.53 | ng | # 28 |
| 32) Benzoic acid | 10.27 | 122 | 57 | 9.68 | ng | # 1 |
| 50) Dimethylphthalate | 14.12 | 163 | 87496 | 5.08 | ng | 99 |
| 57) 2,4-Dinitrotoluene | 14.67 | 165 | 29665 | 6.23 | ng | # 23 |
| 65) 4,6-Dinitro-2-methylphenol | 15.63 | 198 | 53 | 7.75 | ng | # 11 |
| 67) 4-Bromophenyl-phenylether | 16.16 | 248 | 27134 | 4.28 | ng | # 1 |
| 77) Benzidine | 20.03 | 184 | 36171 | 2.22 | ng | # 89 |

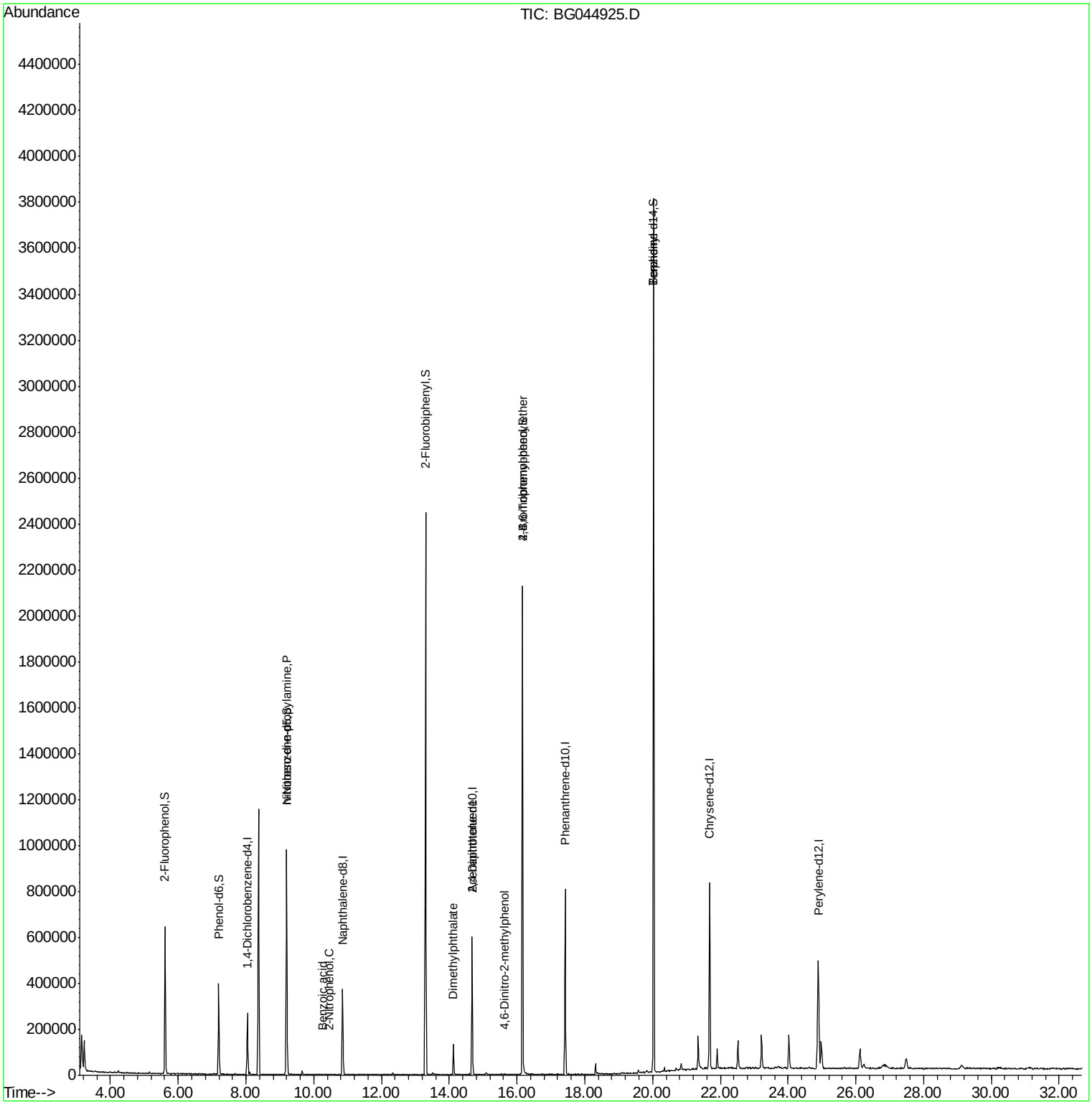
(#) = qualifier out of range (m) = manual integration (+) = signals summed

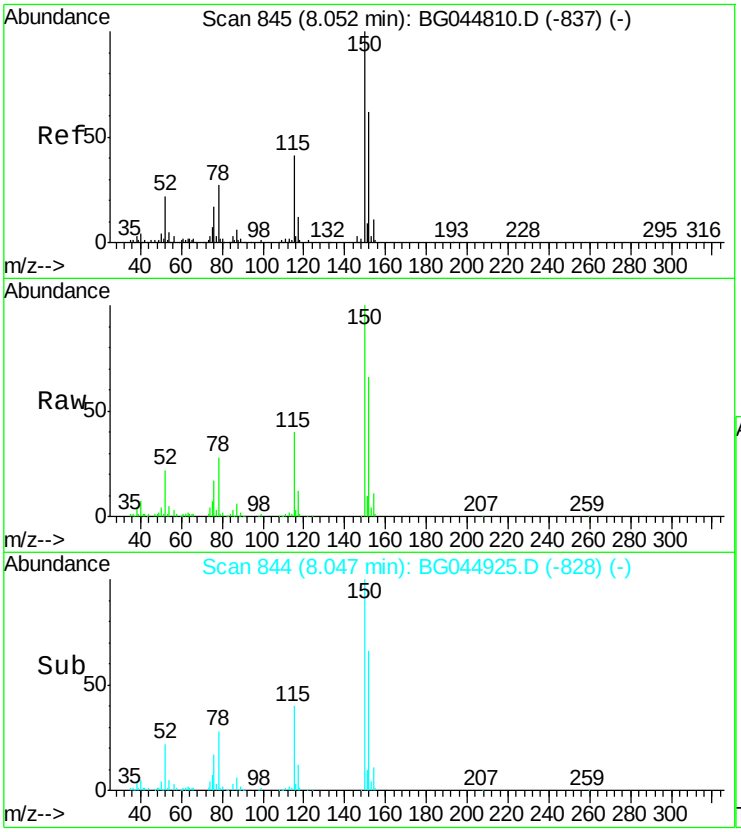
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032020\
Data File : BG044925.D
Acq On : 20 Mar 2020 18:34
Operator : CG/JU
Sample : L1966-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_G
**ClientSampleId :** TEST-PIT-3

Quant Time: Mar 21 00:43:57 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



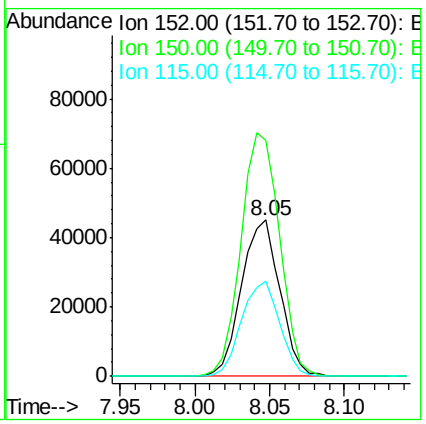


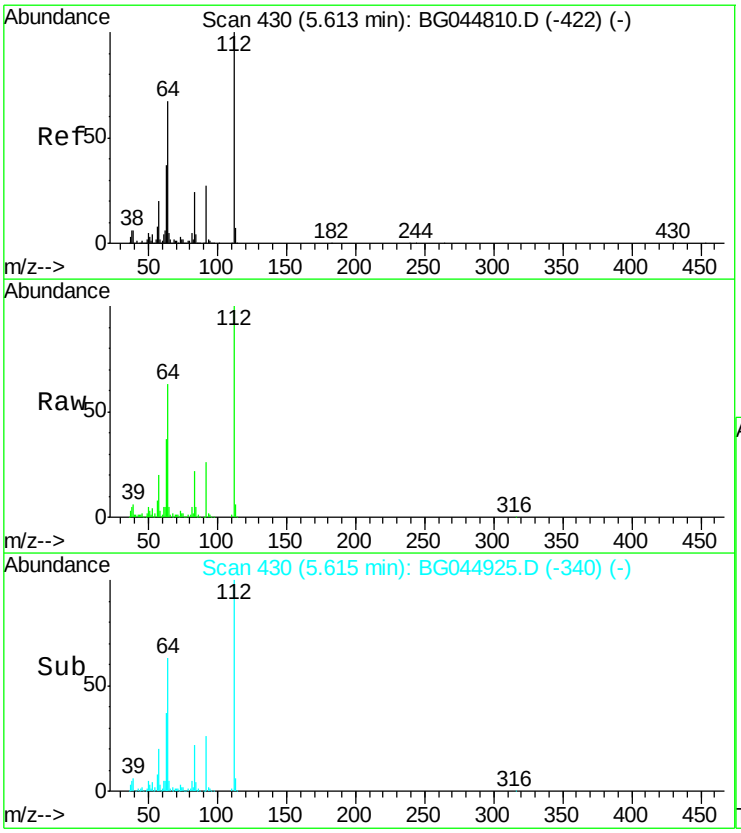

#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:152 Resp: 79841

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 151.2 | 128.8 | 193.2 |
| 115 | 61.0 | 52.6 | 79.0 |

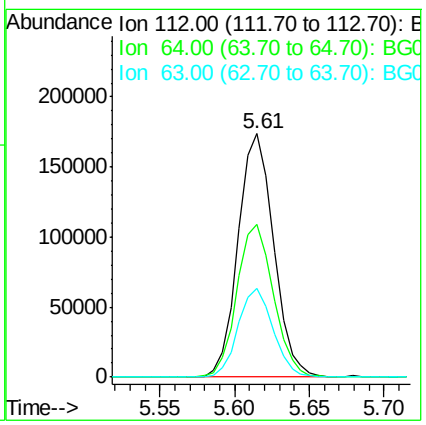


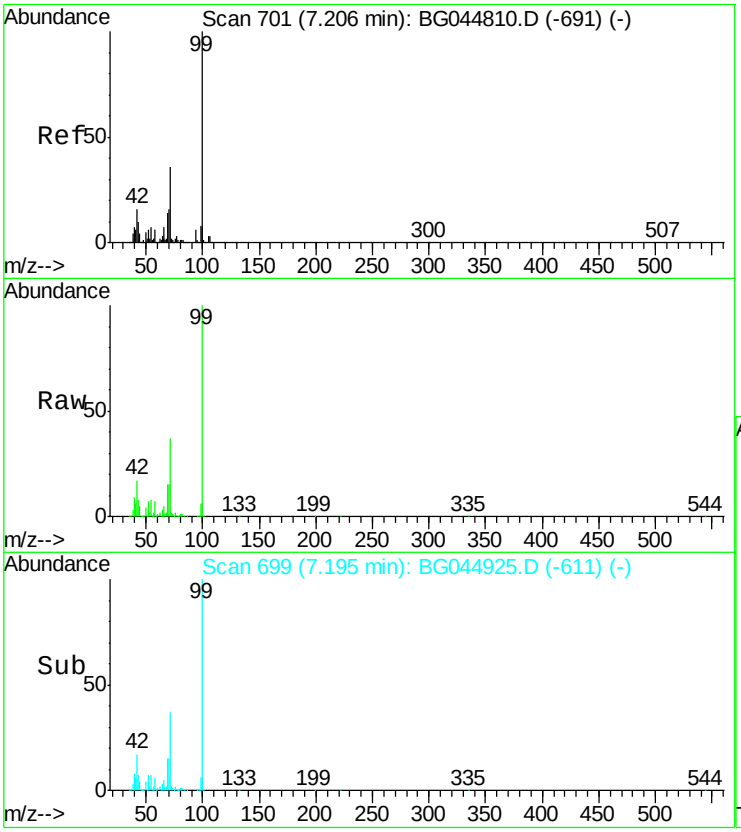




#5
2-Fluorophenol
Concen: 55.90 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion:112 Resp: 286718

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 63.0 | 53.4 | 80.2 |
| 63 | 36.7 | 29.4 | 44.2 |



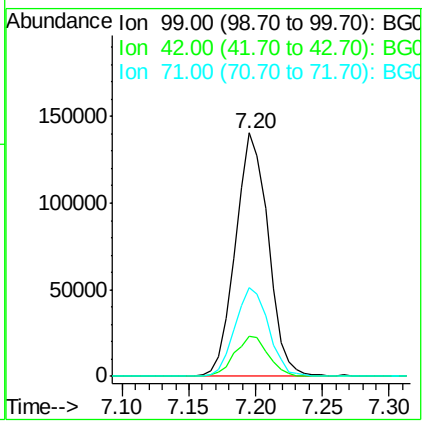


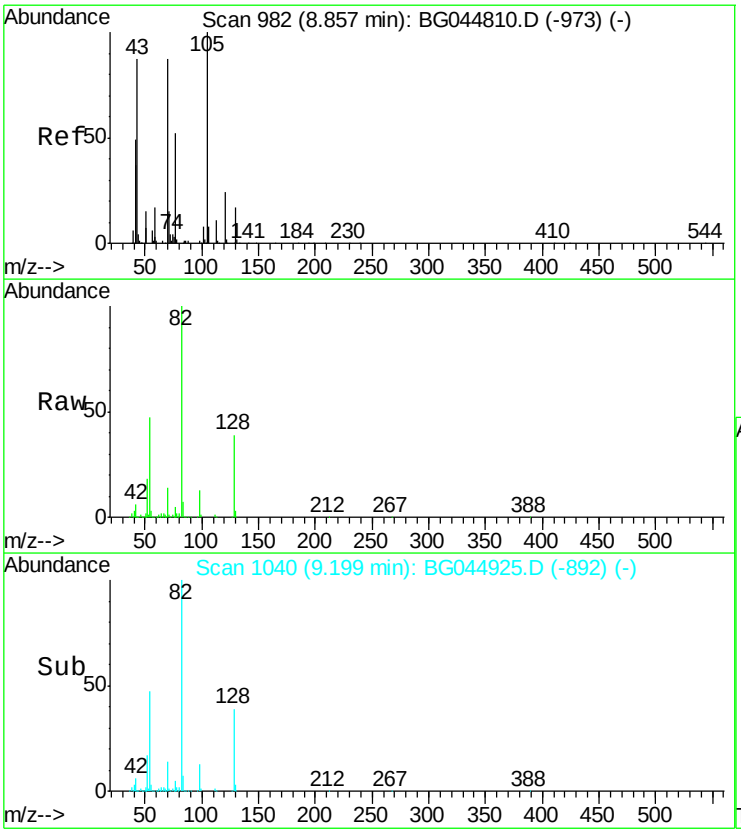

#7
Phenol-d6
Concen: 32.11 ng
RT: 7.20 min Scan# 699
Delta R.T. -0.01 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion: 99 Resp: 239286

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.6 | 12.6 | 19.0 |
| 71 | 36.7 | 29.0 | 43.4 |

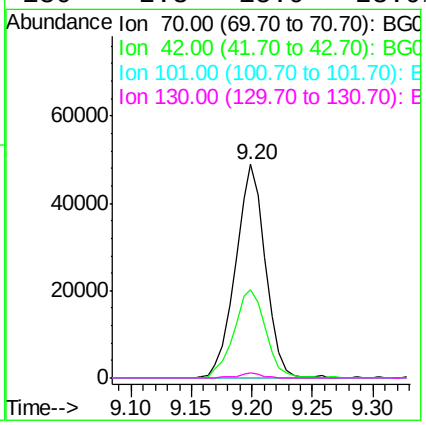


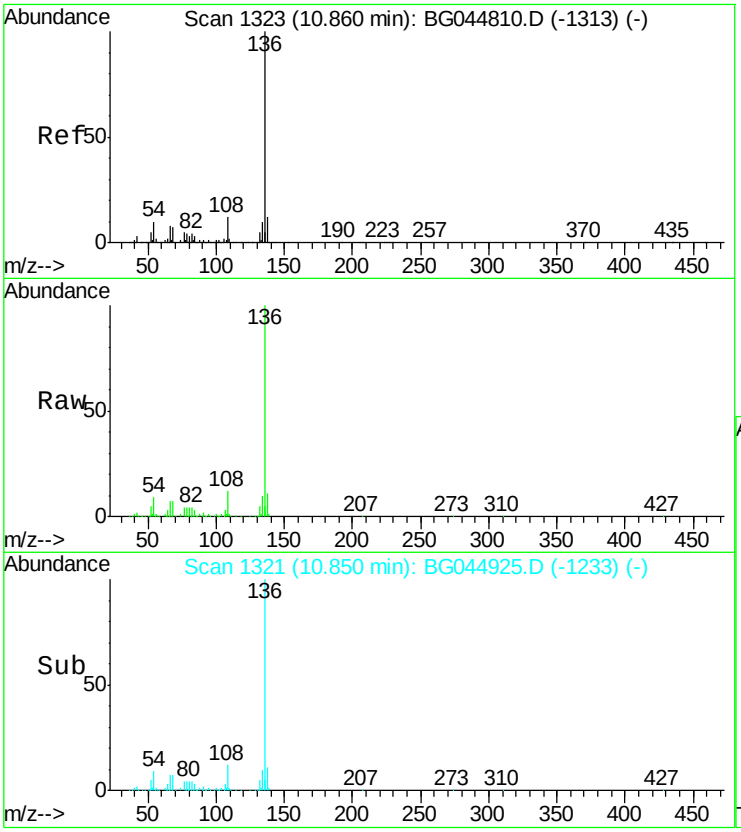




#19
n-Nitroso-di-n-propylamine
Concen: 15.96 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.34 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion: 70 Resp: 83993

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 41.1 | 45.7 | 68.5# |
| 101 | 0.0 | 7.4 | 11.2# |
| 130 | 2.3 | 15.9 | 23.9# |



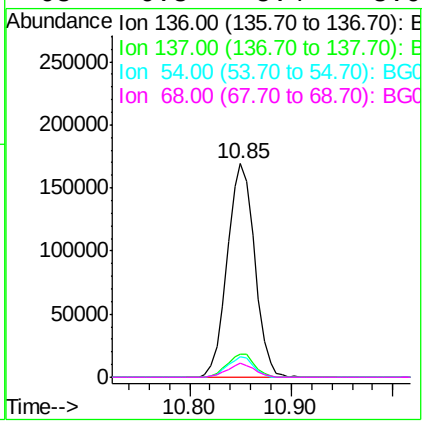


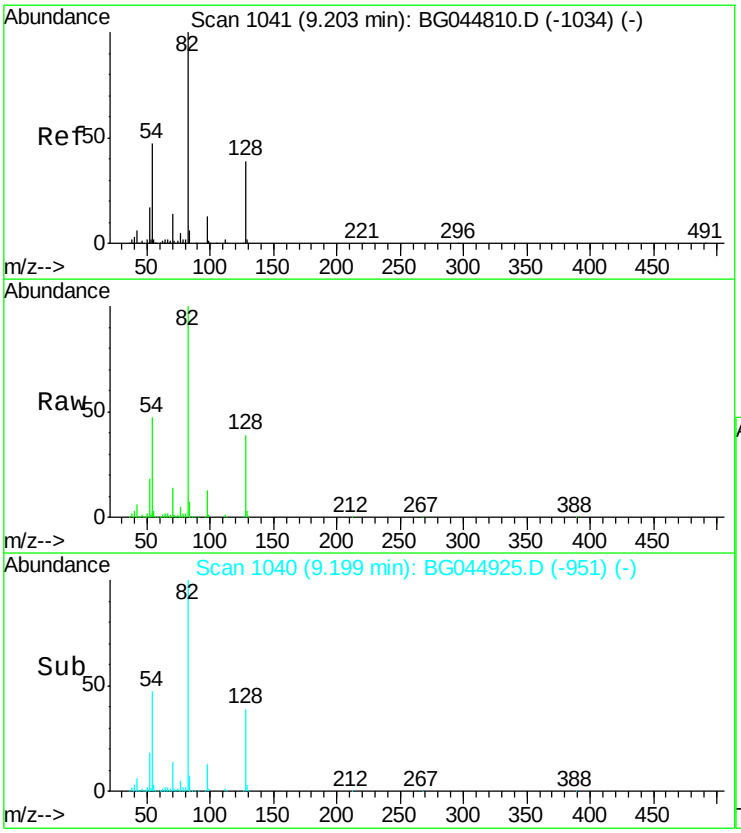

#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:136 Resp: 316192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.8 | 14.6 |
| 54 | 9.4 | 7.9 | 11.9 |
| 68 | 6.8 | 5.4 | 8.0 |

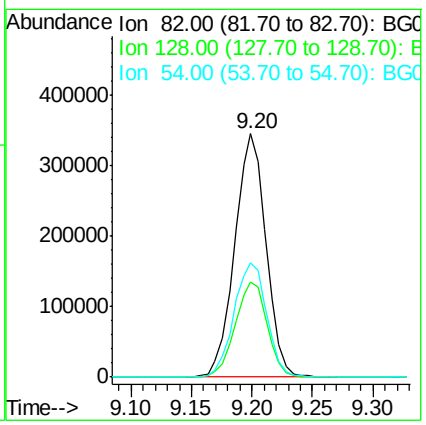


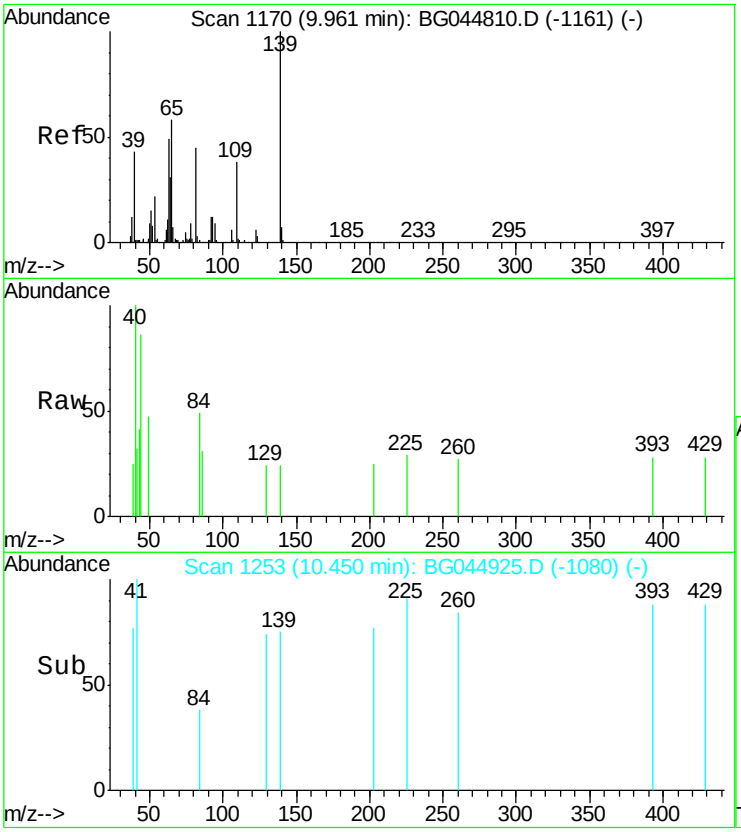




#23
Nitrobenzene-d5
Concen: 86.62 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion: 82 Resp: 624155

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 38.9 | 30.6 | 46.0 |
| 54 | 47.1 | 37.1 | 55.7 |



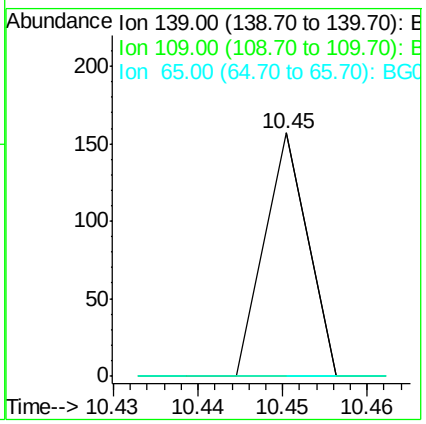


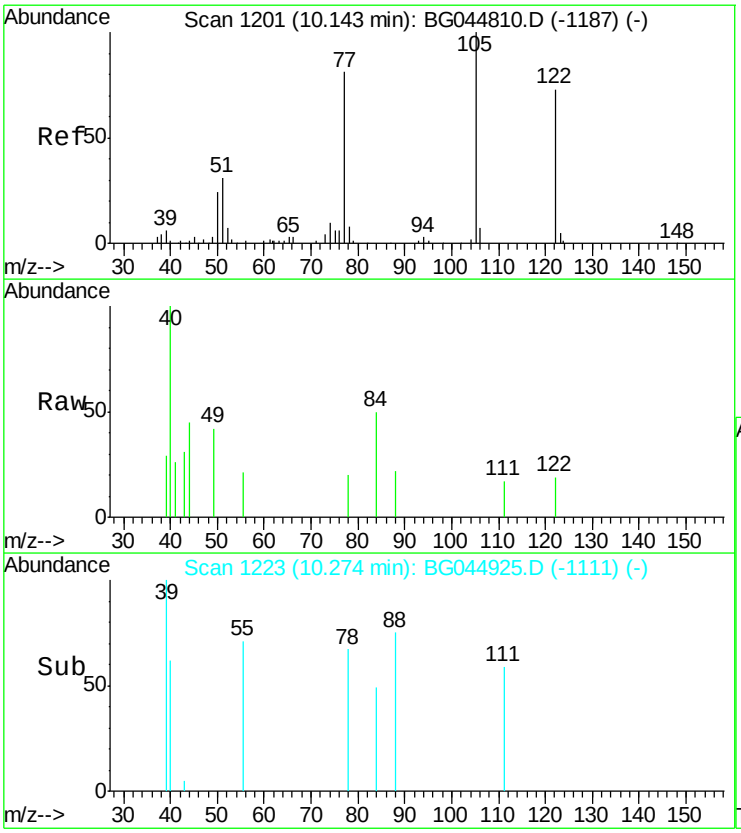

#26
2-Nitrophenol
Concen: 5.53 ng
RT: 10.45 min Scan# 1253
Delta R.T. 0.49 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:139 Resp: 55

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

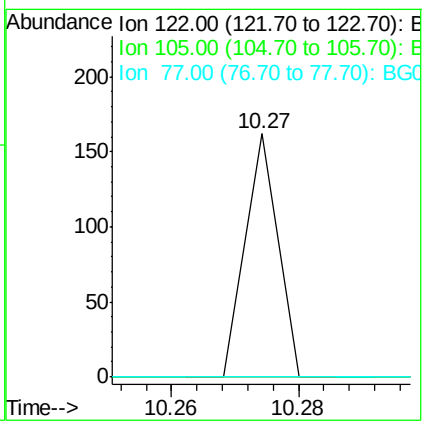


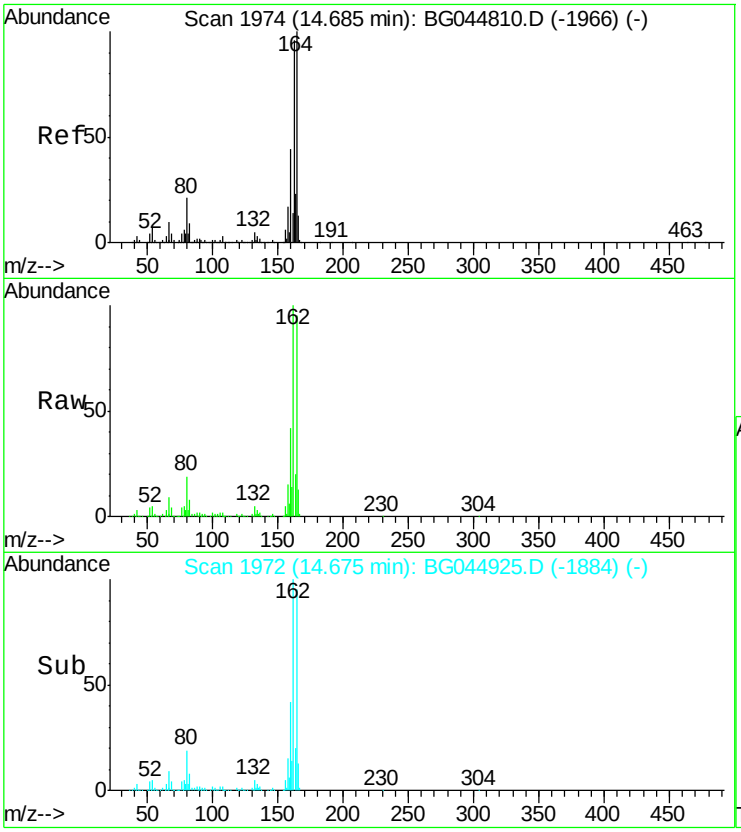




#32
Benzoic acid
Concen: 9.68 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.13 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion:122 Resp: 57

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



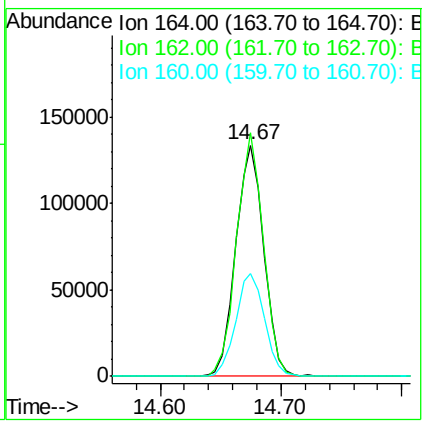


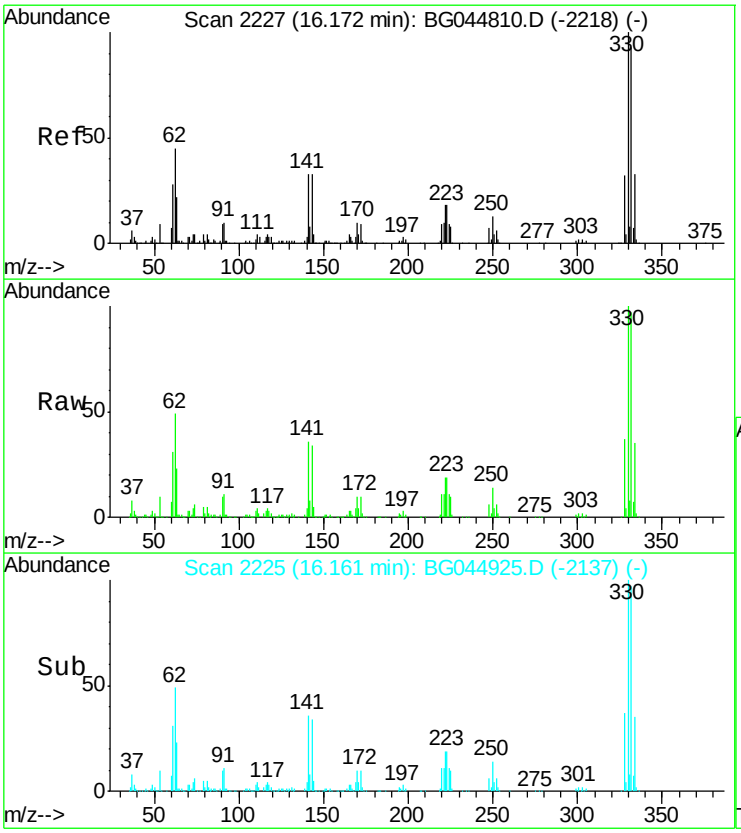

#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:164 Resp: 216262

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 105.3 | 76.7 | 115.1 |
| 160 | 44.5 | 35.0 | 52.4 |

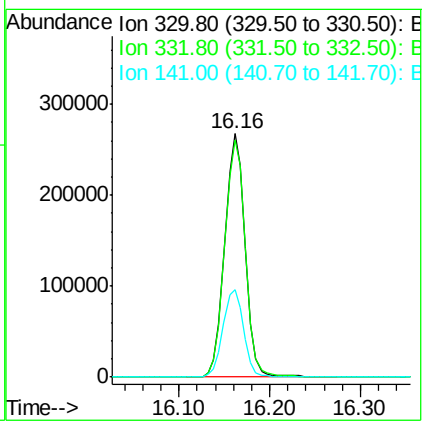


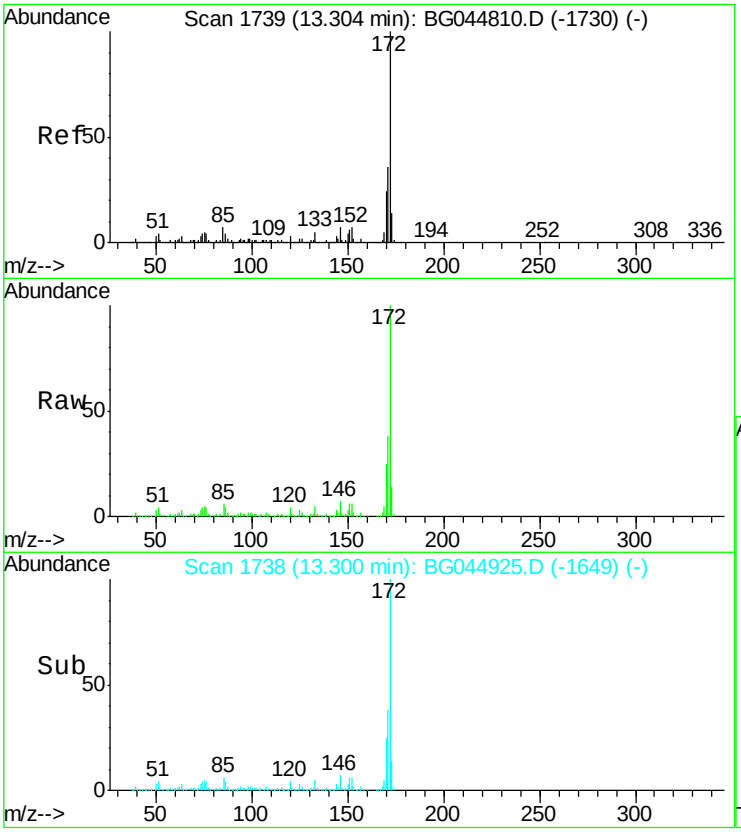




#42
2,4,6-Tribromophenol
Concen: 147.51 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion:330 Resp: 417689

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 98.6 | 77.8 | 116.6 |
| 141 | 36.4 | 29.5 | 44.3 |



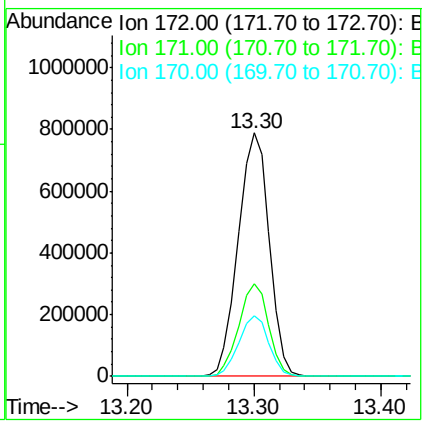


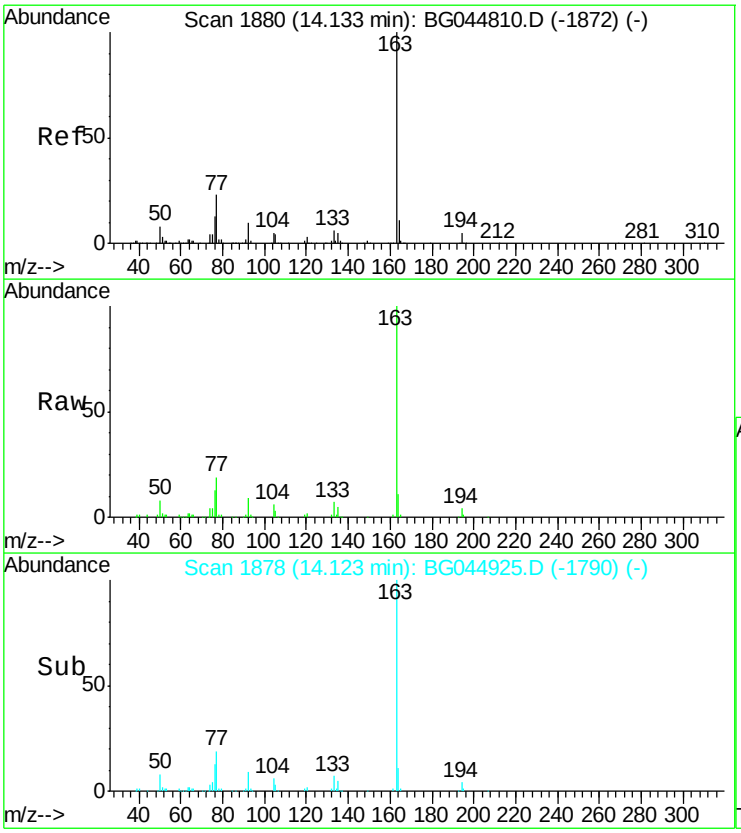

#45
2-Fluorobiphenyl
Concen: 88.65 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.00 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:172 Resp: 1338824

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 37.9 | 28.7 | 43.1 |
| 170 | 24.6 | 19.0 | 28.6 |

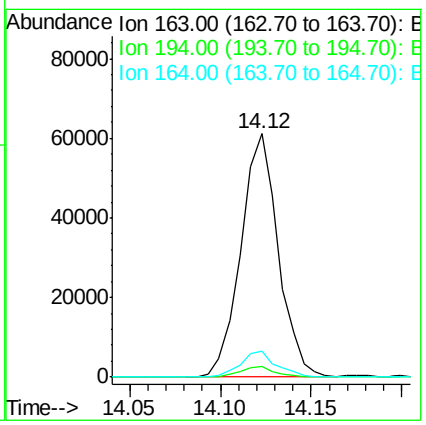


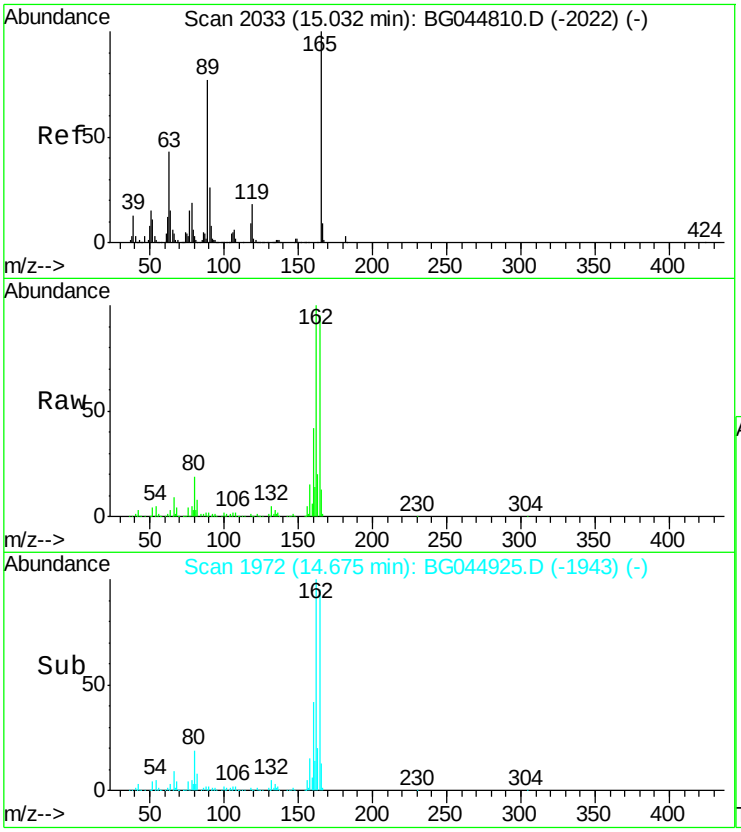




#50
Dimethylphthalate
Concen: 5.08 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion:163 Resp: 87496

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 163 | 100 | | |
| 194 | 4.4 | 3.7 | 5.5 |
| 164 | 10.7 | 9.1 | 13.7 |



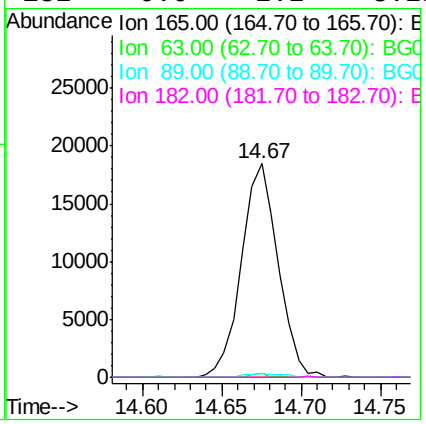


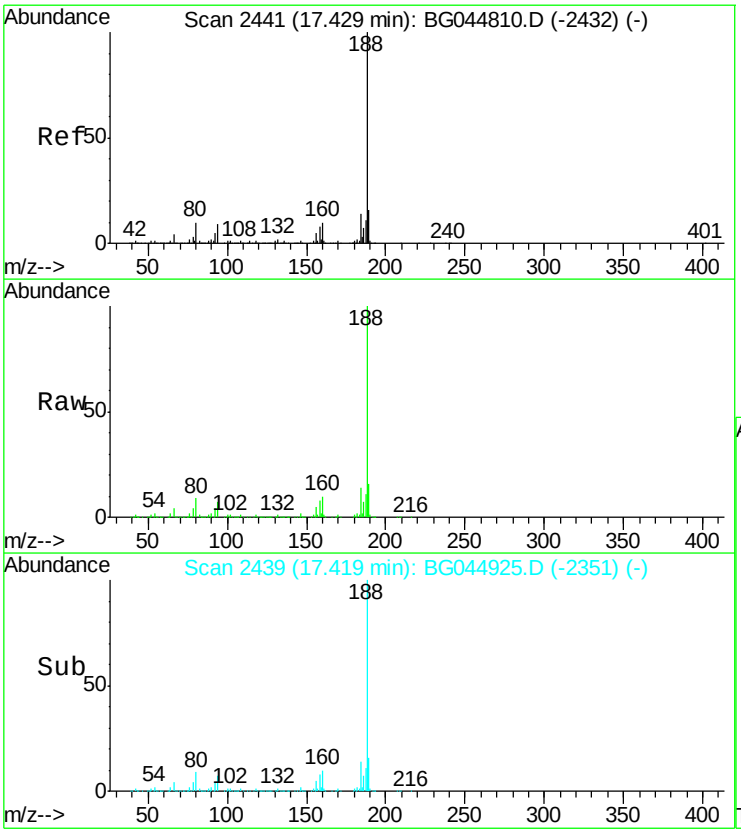

#57
2,4-Dinitrotoluene
Concen: 6.23 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.36 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:165 Resp: 29665

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 1.6 | 34.6 | 52.0# |
| 89 | 1.8 | 61.3 | 91.9# |
| 182 | 0.0 | 2.2 | 3.2# |

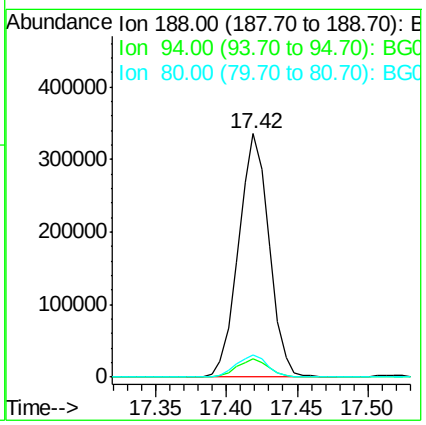


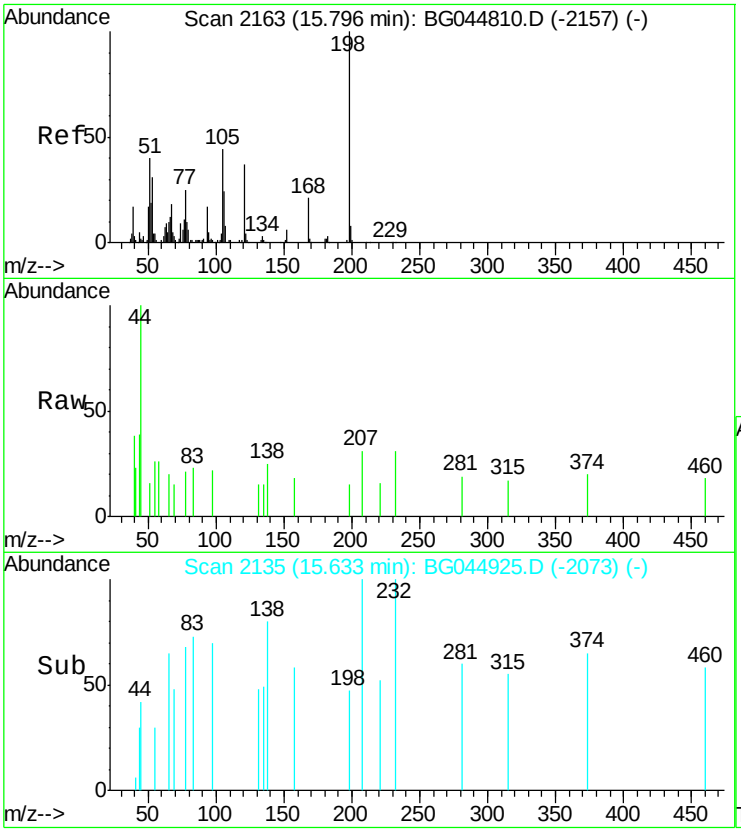




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion:188 Resp: 506760

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.4 | 7.3 | 10.9 |
| 80 | 8.9 | 8.0 | 12.0 |



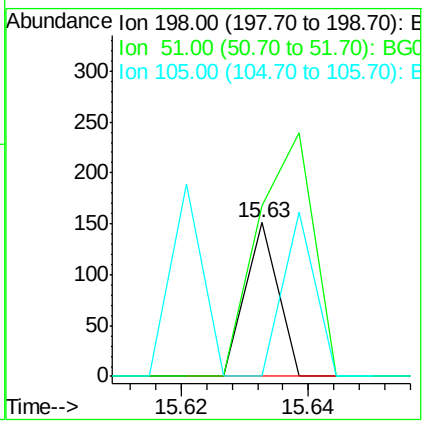


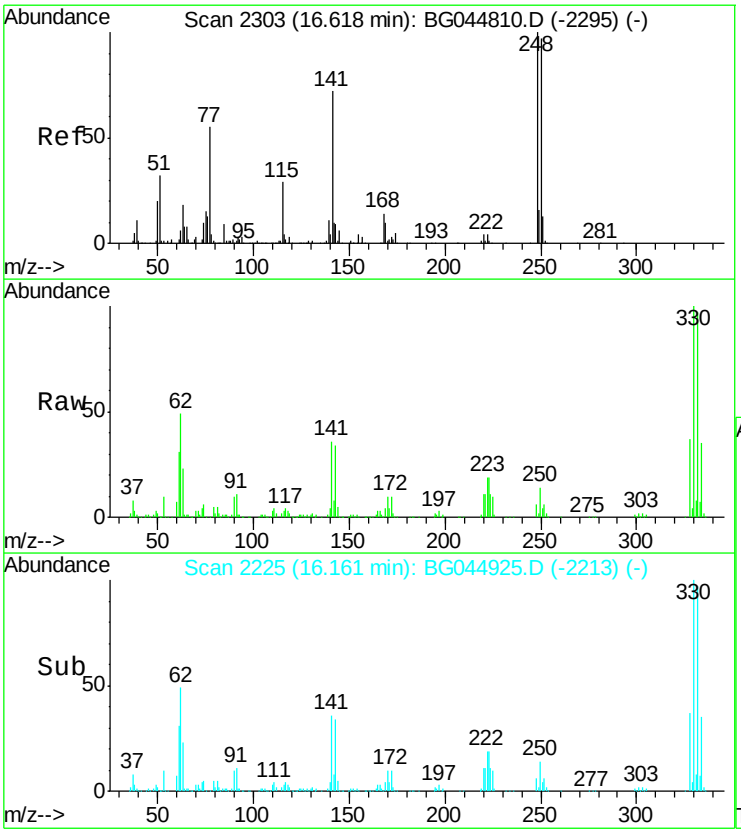

#65
4,6-Dinitro-2-methylphenol
Concen: 7.75 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.16 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:198 Resp: 53

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 198 | 100 | | |
| 51 | 111.3 | 21.1 | 61.1# |
| 105 | 0.0 | 24.5 | 64.5# |

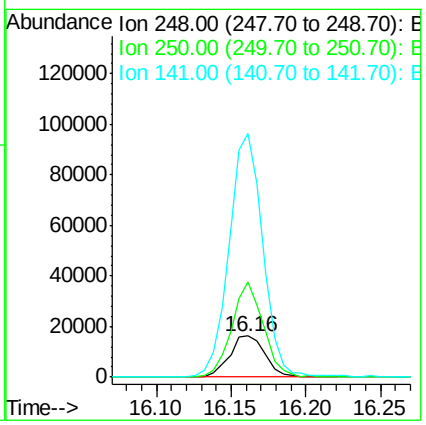


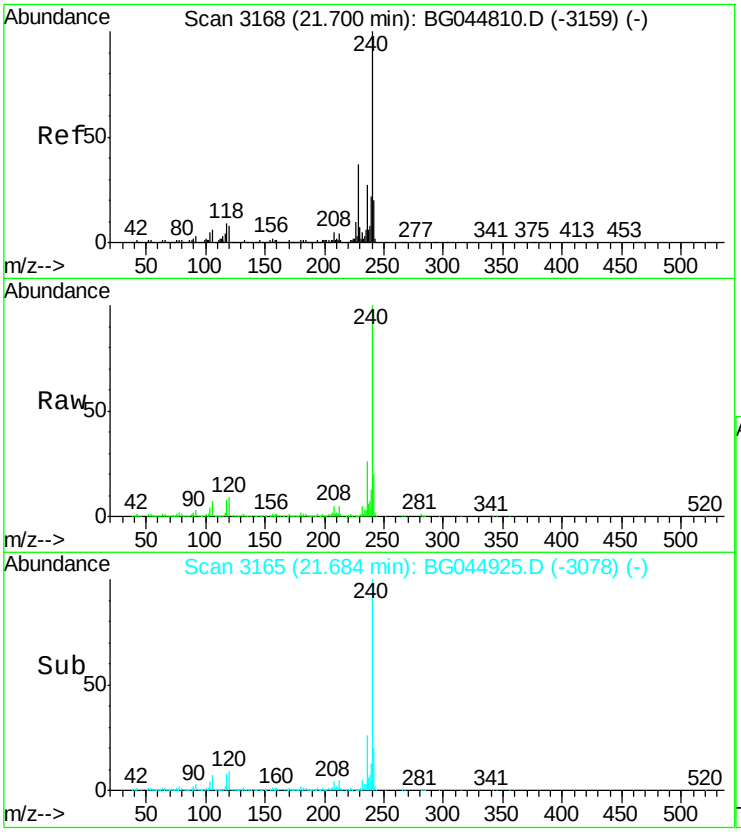




#67
4-Bromophenyl-phenylether
Concen: 4.28 ng
RT: 16.16 min Scan# 2225
Delta R.T. -0.46 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion:248 Resp: 27134

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 233.2 | 77.9 | 116.9# |
| 141 | 596.6 | 57.5 | 86.3# |



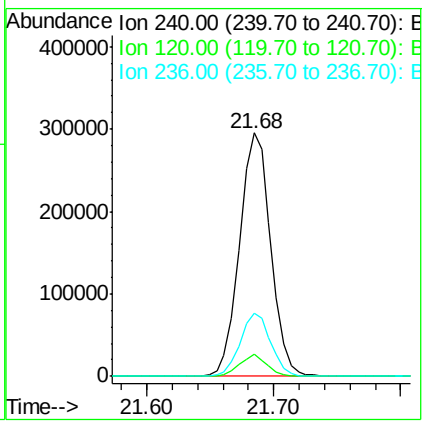


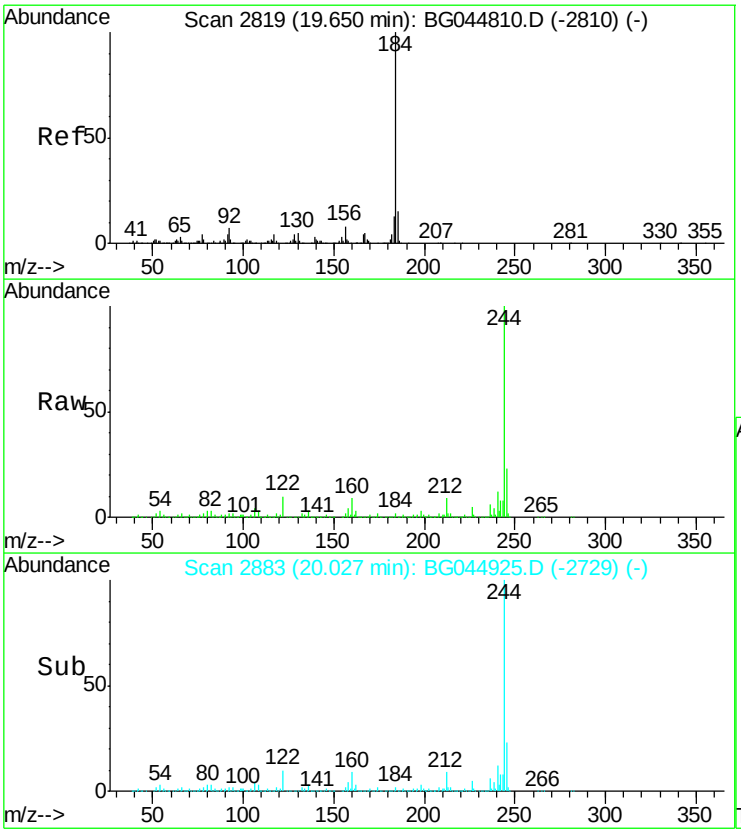

#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:240 Resp: 502565

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 9.1 | 6.7 | 10.1 |
| 236 | 25.9 | 21.5 | 32.3 |

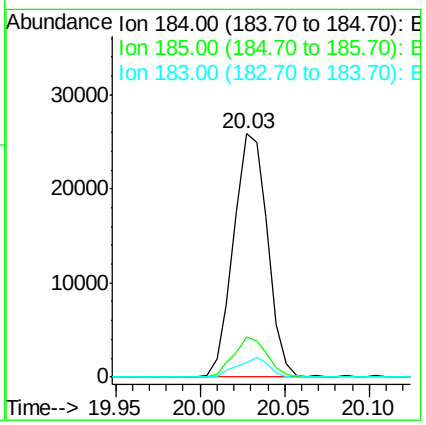


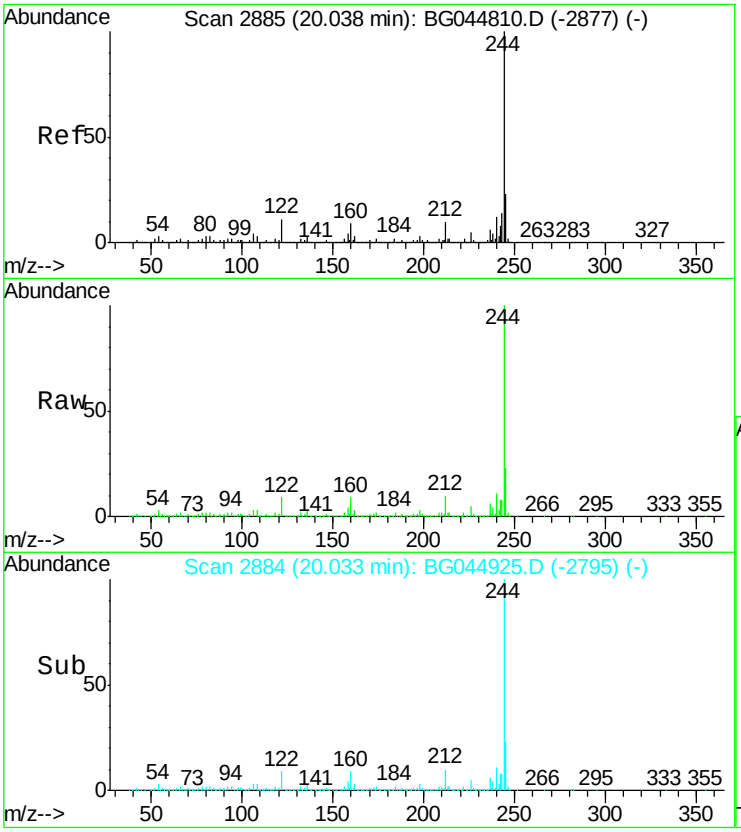




#77
Benzidine
Concen: 2.22 ng
RT: 20.03 min Scan# 2883
Delta R.T. 0.38 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion:184 Resp: 36171

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 16.6 | 12.2 | 18.4 |
| 183 | 5.7 | 10.7 | 16.1# |



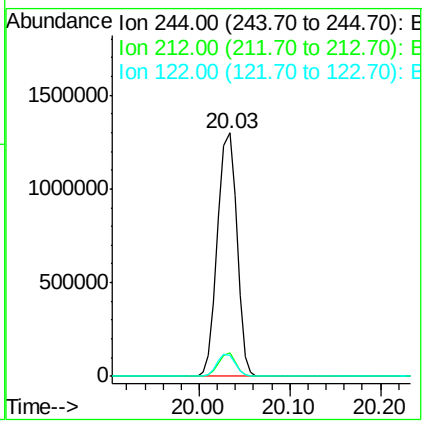


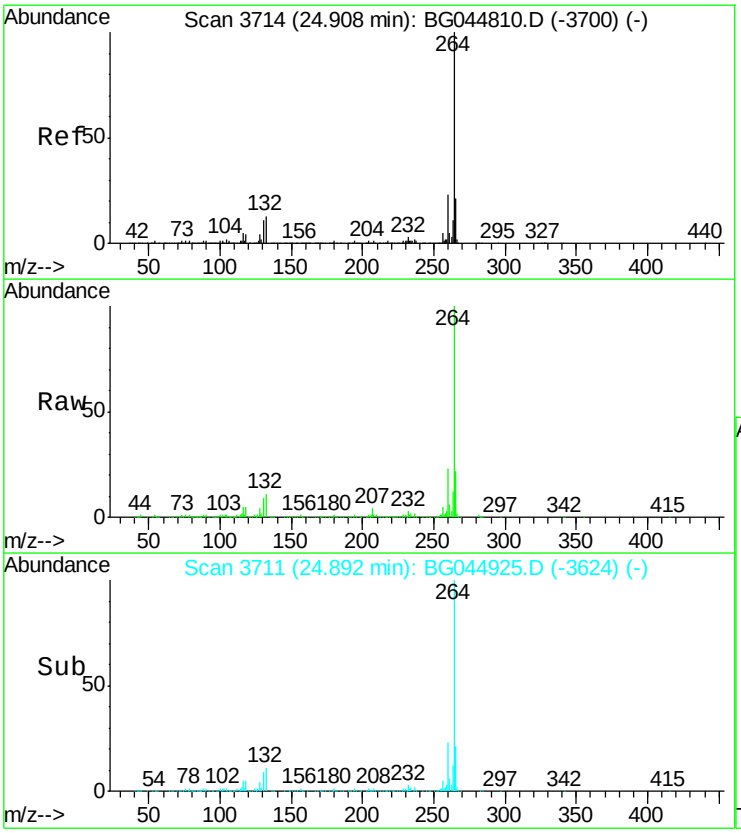

#79
Terphenyl-d14
Concen: 71.67 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

**Instrument :**
BNA_G
**ClientSampleId :**
TEST-PIT-3

Tgt Ion:244 Resp: 1925603

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 9.6 | 7.7 | 11.5 |
| 122 | 8.6 | 8.6 | 12.8 |




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.89 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG044925.D
Acq: 20 Mar 2020 18:34

Tgt Ion:264 Resp: 531464

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 22.8 | 18.1 | 27.1 |
| 265 | 21.6 | 17.1 | 25.7 |