Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056583.D
Acq On : 8 Feb 2023 15:51
Operator : CG/JU
Sample : 01418-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Quant Time: Feb 09 02:07:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.265 | 152 | 40340 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 11.103 | 136 | 148654 | 20.000 | ng | # 0.00 |
| 39) Acenaphthene-d10 | 14.893 | 164 | 28691 | 20.000 | ng | # 0.00 |
| 64) Phenanthrene-d10 | 17.631 | 188 | 205276 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.926 | 240 | 162130 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 25.351 | 264 | 33742 | 20.000 | ng | # 0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.797 | 112 | 310769 | 141.716 | ng | 0.00 |
| 7) Phenol-d6 | 7.419 | 99 | 116872 | 35.970 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.446 | 82 | 259216 | 99.019 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.379 | 330 | 206052 | 540.210 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.518 | 172 | 801228 | 387.175 | ng | 0.00 |
| 79) Terphenyl-d14 | 20.210 | 244 | 1229170 | 133.157 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 4.041 | 42 | 5350 | 9.243 | ng | # 1 |
| 9) Benzaldehyde | 7.425 | 77 | 598 | Below Cal | | # 1 |
| 51) 2,6-Dinitrotoluene | 14.893 | 165 | 3673 | 7.256 | ng | # 47 |
| 57) 2,4-Dinitrotoluene | 14.893 | 165 | 3673 | 5.151 | ng | # 45 |
| 58) Fluorene | 16.373 | 166 | 5811 | 2.595 | ng | # 90 |
| 67) 4-Bromophenyl-phenylether | 16.379 | 248 | 16513 | 6.284 | ng | # 1 |

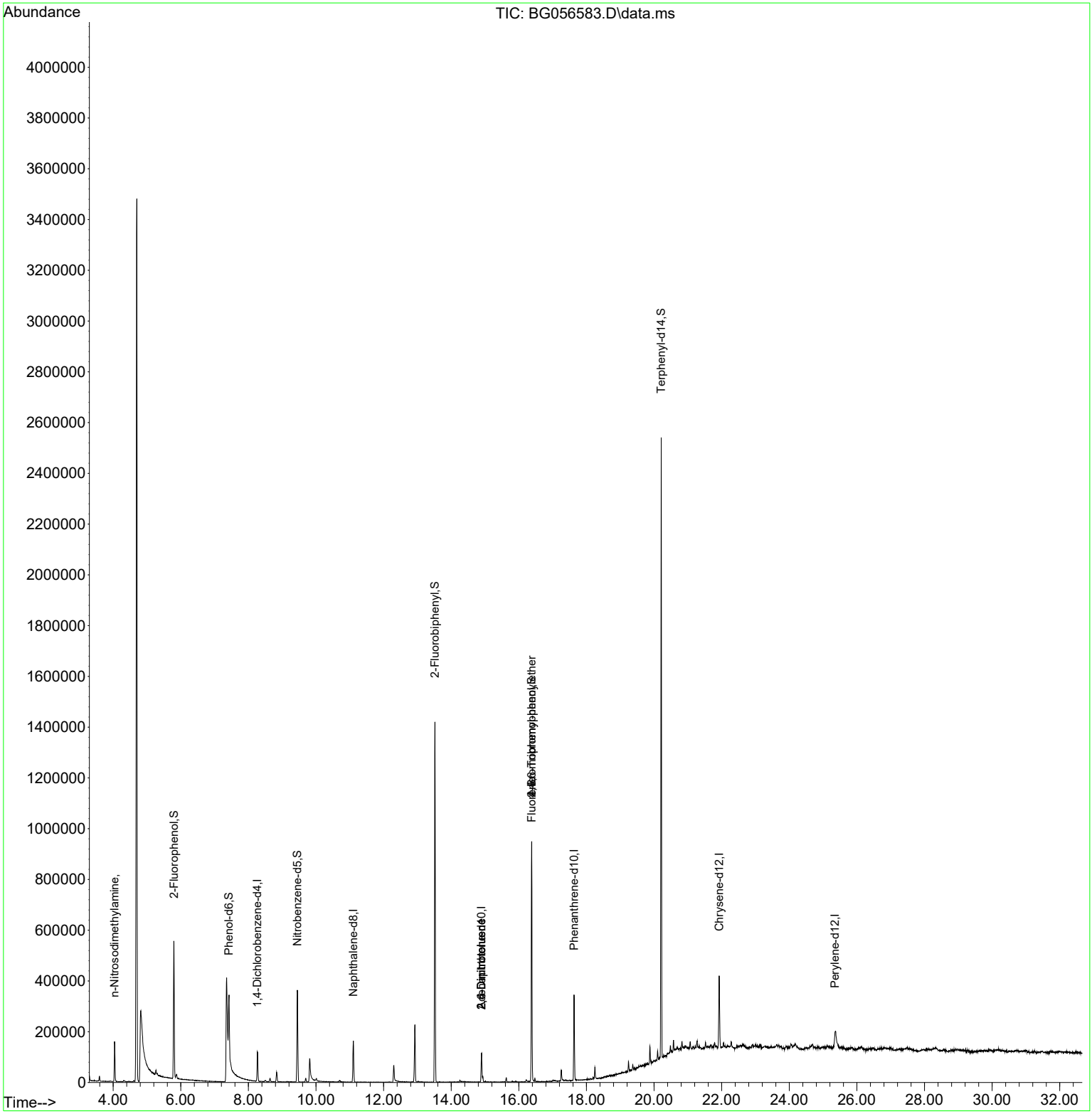
(#) = qualifier out of range (m) = manual integration (+) = signals summed

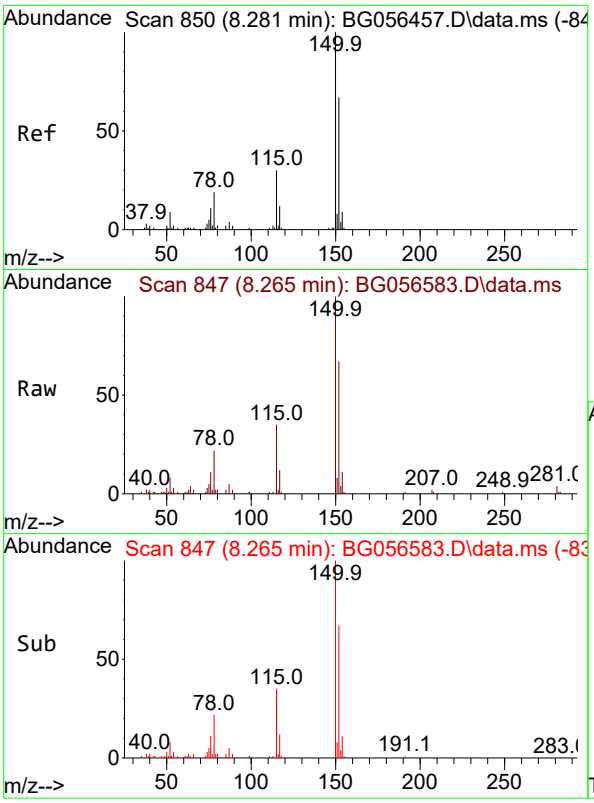
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
Data File : BG056583.D
Acq On : 8 Feb 2023 15:51
Operator : CG/JU
Sample : 01418-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Quant Time: Feb 09 02:07:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration



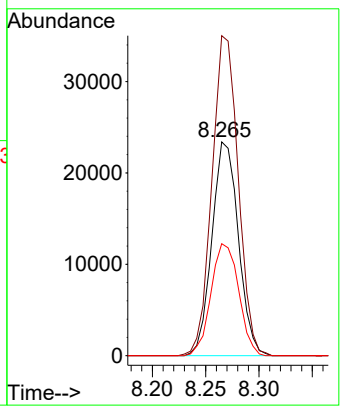


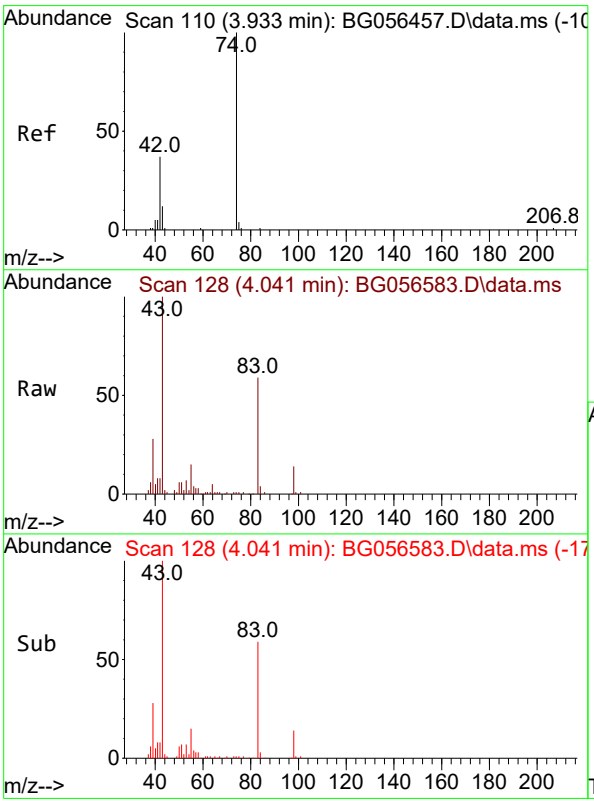

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:152 Resp: 40340

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 149.7 | 120.2 | 180.4 |
| 115 | 52.4 | 36.3 | 54.5 |

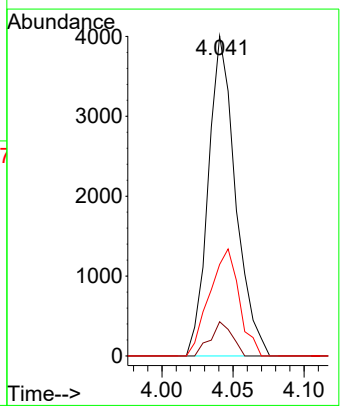


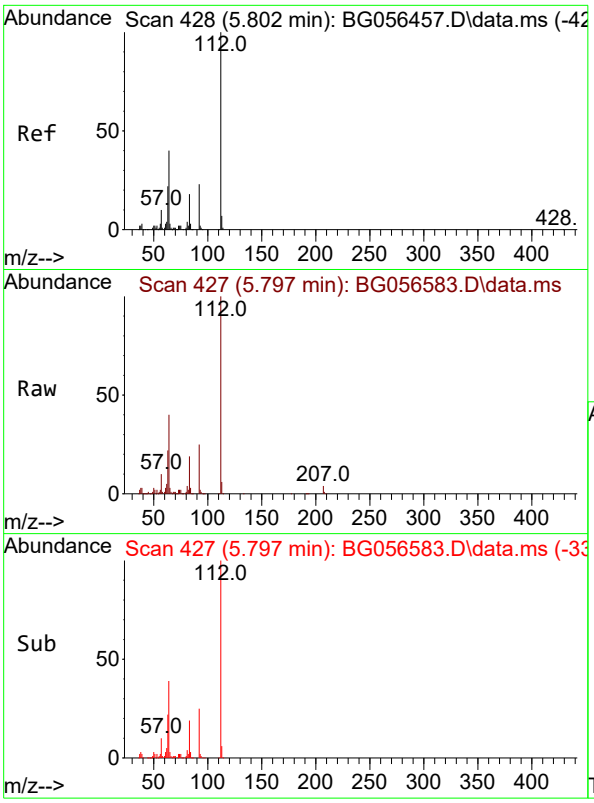




#4
n-Nitrosodimethylamine
Concen: 9.243 ng
RT: 4.041 min Scan# 128
Delta R.T. 0.125 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion: 42 Resp: 5350

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 10.7 | 217.9 | 326.9# |
| 44 | 28.6 | 3.0 | 4.6# |



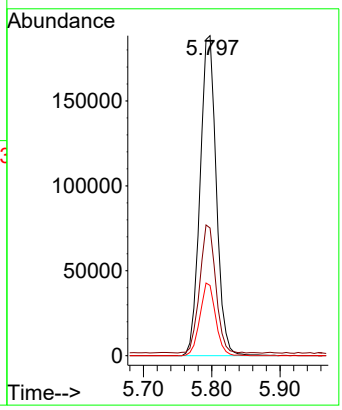


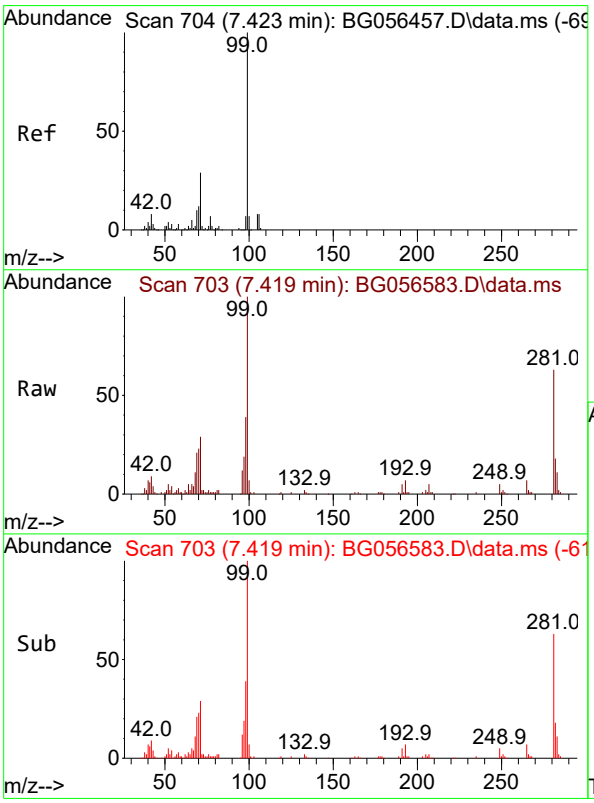

#5
2-Fluorophenol
Concen: 141.716 ng
RT: 5.797 min Scan# 4
Delta R.T. 0.007 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:112 Resp: 310769

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 39.9 | 31.9 | 47.9 |
| 63 | 22.0 | 17.4 | 26.0 |

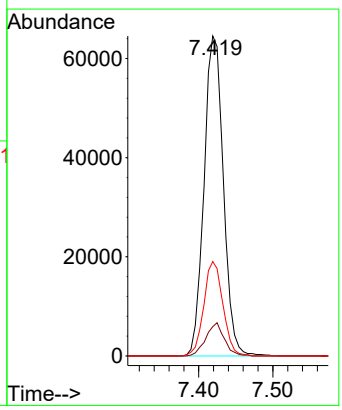


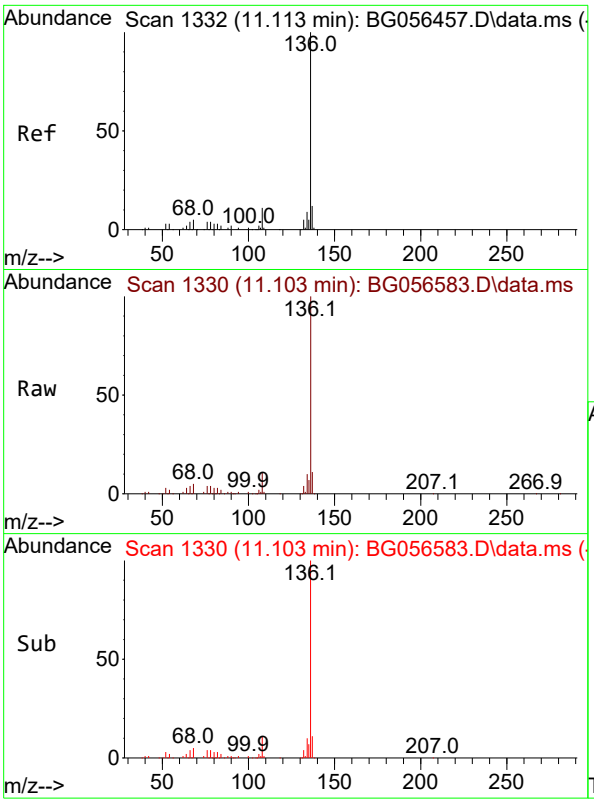




#7
Phenol-d6
Concen: 35.970 ng
RT: 7.419 min Scan# 703
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion: 99 Resp: 116872

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 9.1 | 6.6 | 10.0 |
| 71 | 29.5 | 23.4 | 35.0 |



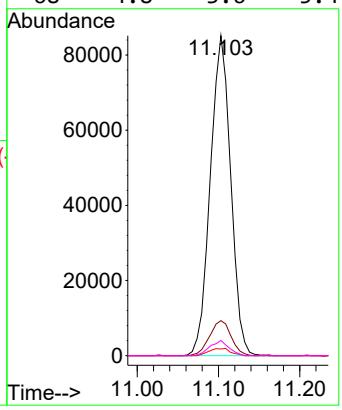


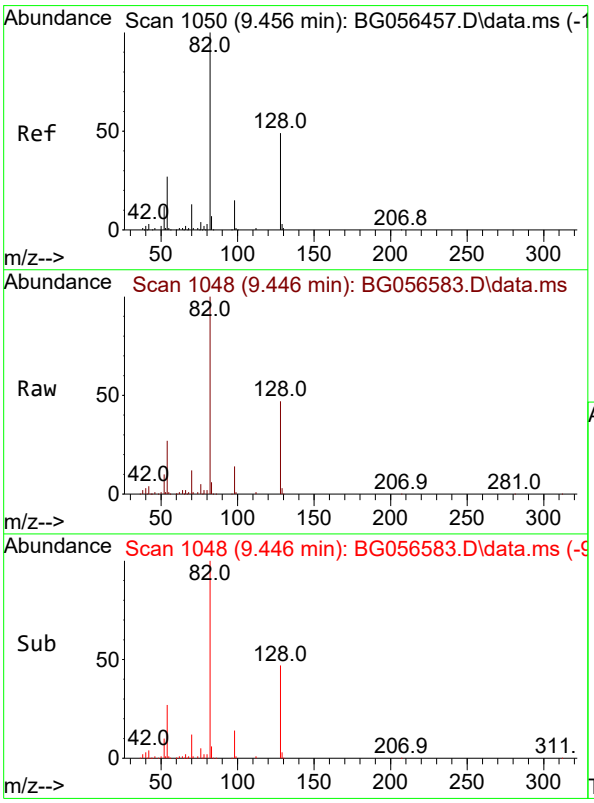

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:136 Resp: 148654

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.0 | 9.4 | 14.0 |
| 54 | 2.1 | 2.2 | 3.4# |
| 68 | 4.8 | 3.6 | 5.4 |

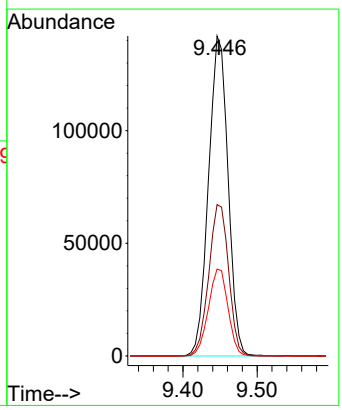


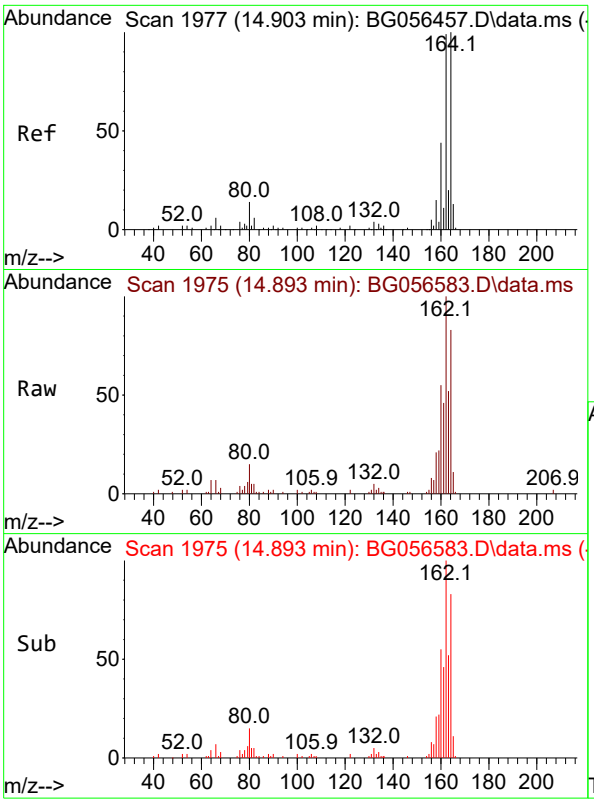




#23
Nitrobenzene-d5
Concen: 99.019 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion: 82 Resp: 259216

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 47.3 | 39.4 | 59.2 |
| 54 | 27.2 | 21.4 | 32.2 |



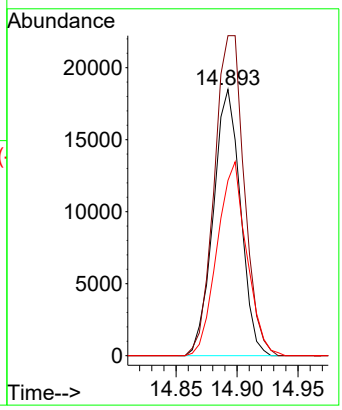


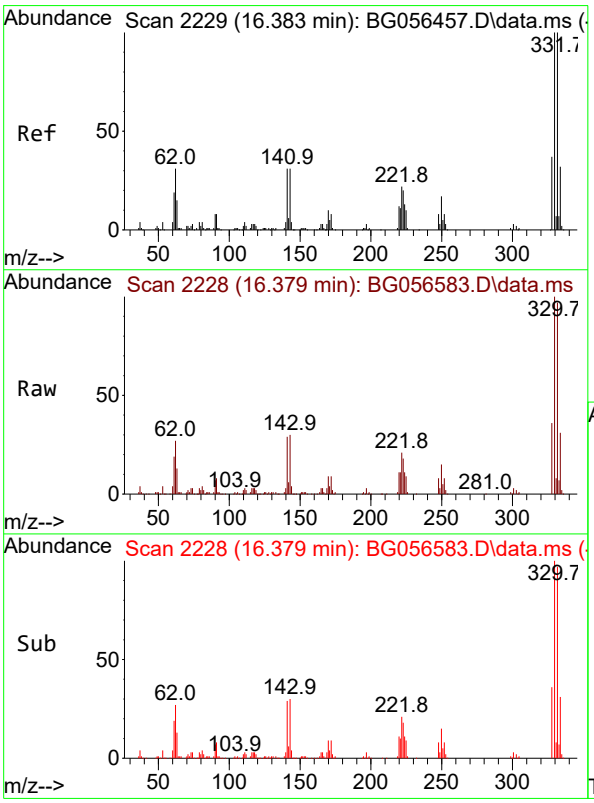

#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.893 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:164 Resp: 28691

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 120.2 | 79.6 | 119.4# |
| 160 | 65.8 | 34.9 | 52.3# |

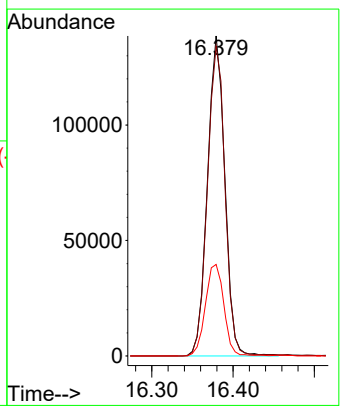


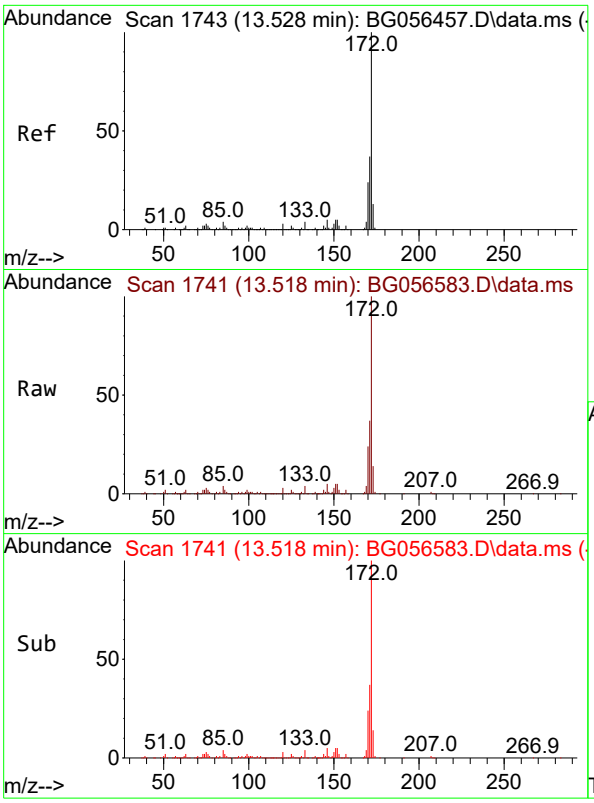




#42
2,4,6-Tribromophenol
Concen: 540.210 ng
RT: 16.379 min Scan# 2228
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion:330 Resp: 206052

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 79.0 | 118.6 |
| 141 | 30.4 | 24.2 | 36.4 |



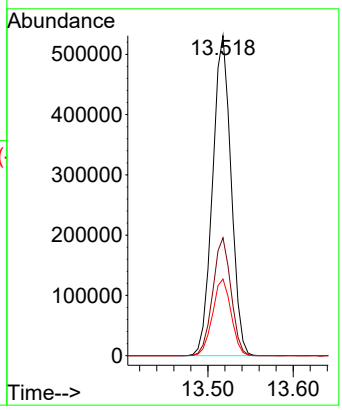


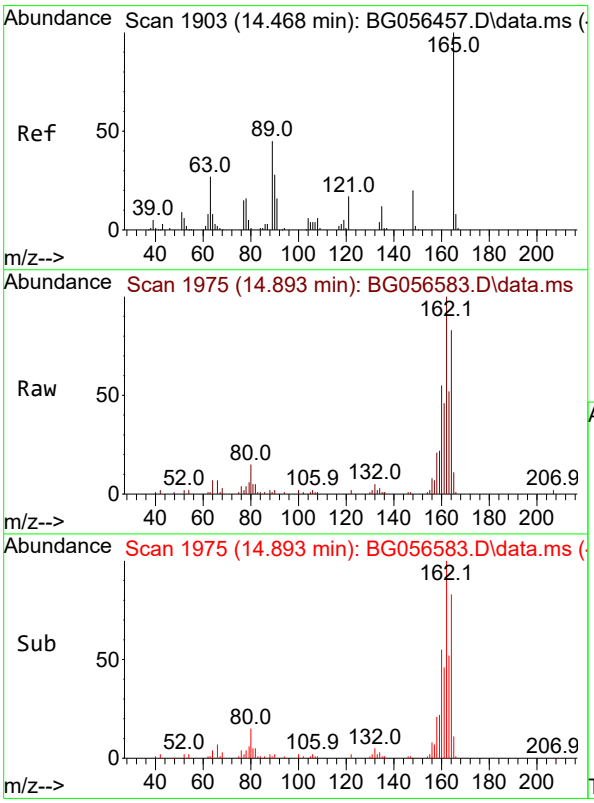

#45
2-Fluorobiphenyl
Concen: 387.175 ng
RT: 13.518 min Scan# 1
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:172 Resp: 801228

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.9 | 29.5 | 44.3 |
| 170 | 24.0 | 19.2 | 28.8 |

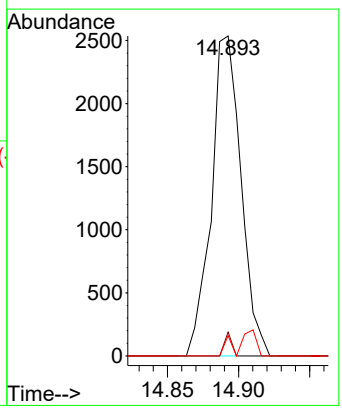


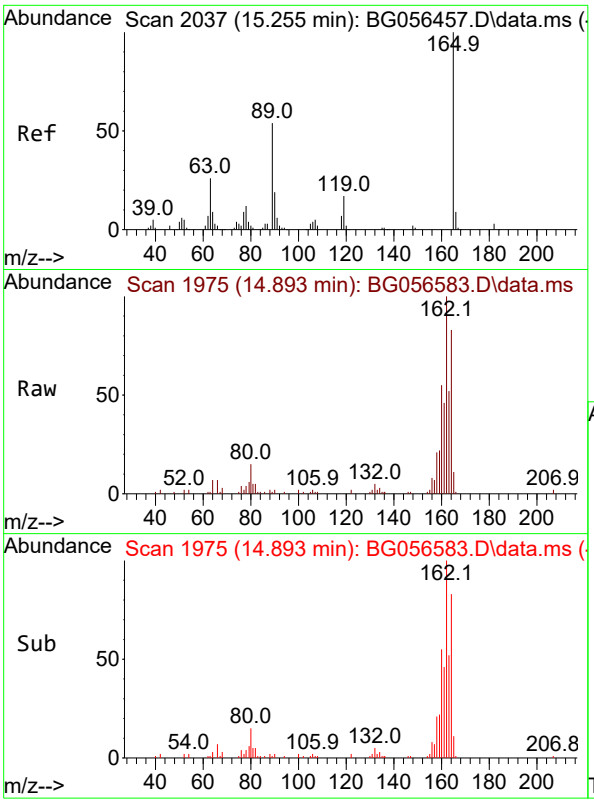




#51
2,6-Dinitrotoluene
Concen: 7.256 ng
RT: 14.893 min Scan# 1975
Delta R.T. 0.430 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion:165 Resp: 3673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 7.5 | 26.9 | 40.3# |
| 89 | 6.3 | 35.6 | 53.4# |



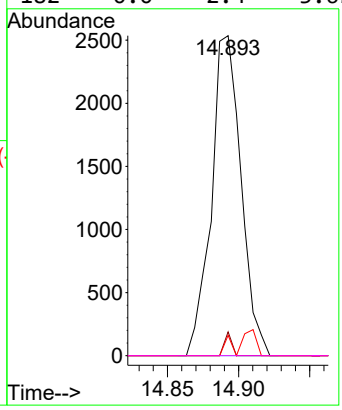


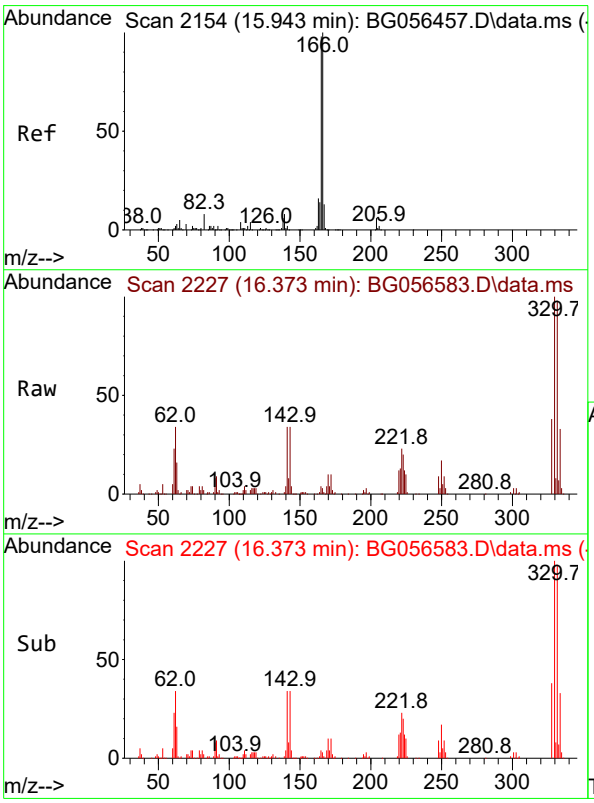

#57
2,4-Dinitrotoluene
Concen: 5.151 ng
RT: 14.893 min Scan# 1
Delta R.T. -0.357 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:165 Resp: 3673

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 7.5 | 20.6 | 31.0# |
| 89 | 6.3 | 43.1 | 64.7# |
| 182 | 0.0 | 2.4 | 3.6# |

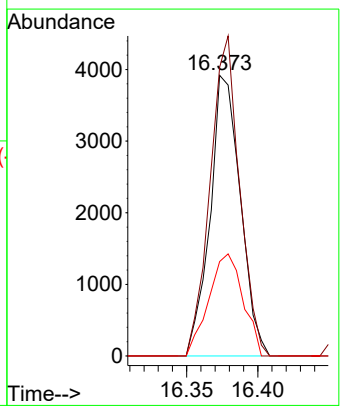


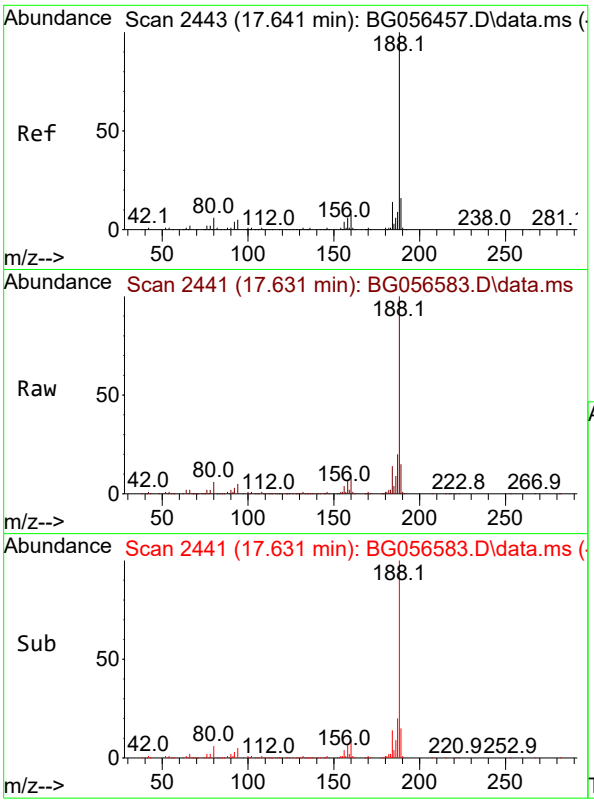




#58
Fluorene
Concen: 2.595 ng
RT: 16.373 min Scan# 2227
Delta R.T. 0.442 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion:166 Resp: 5811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 102.9 | 78.8 | 118.2 |
| 167 | 33.6 | 10.6 | 15.8# |



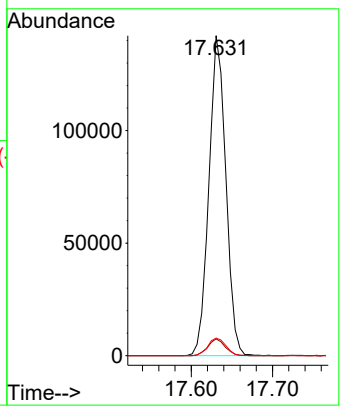


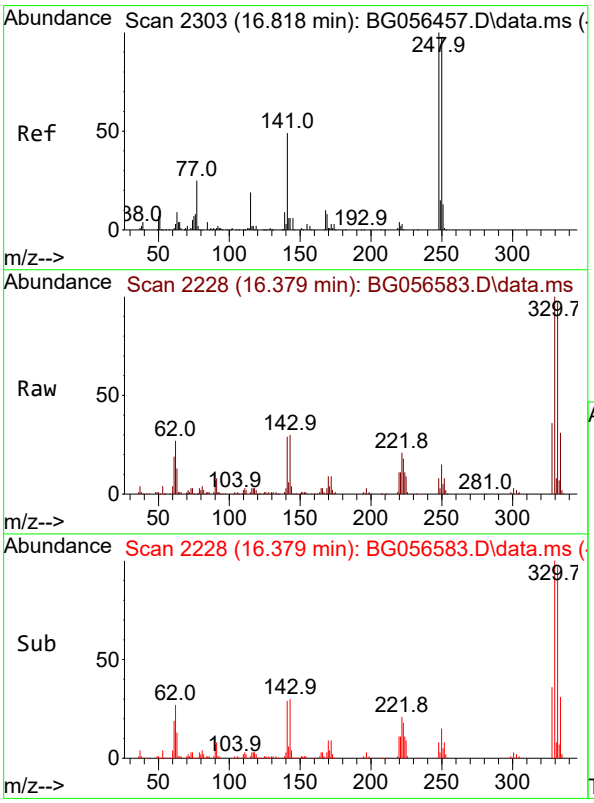

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:188 Resp: 205276

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 5.2 | 4.1 | 6.1 |
| 80 | 5.5 | 5.0 | 7.4 |

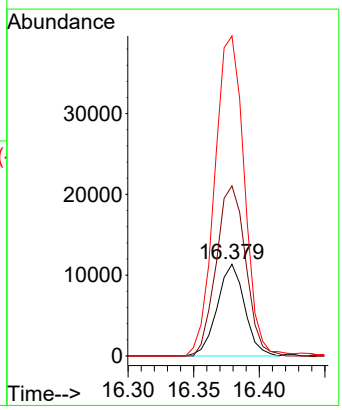


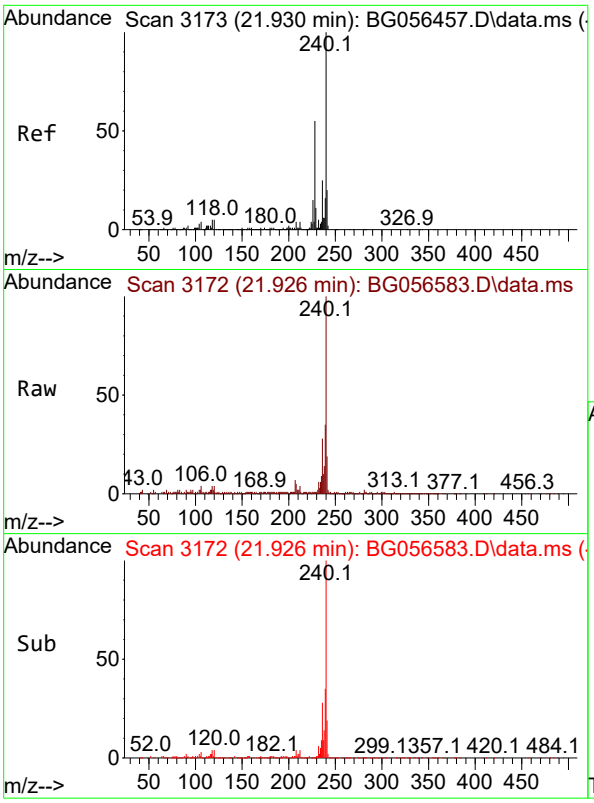




#67
4-Bromophenyl-phenylether
Concen: 6.284 ng
RT: 16.379 min Scan# 2228
Delta R.T. -0.427 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion:248 Resp: 16513

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 139.7 | 77.6 | 116.4# |
| 141 | 263.0 | 39.0 | 58.4# |



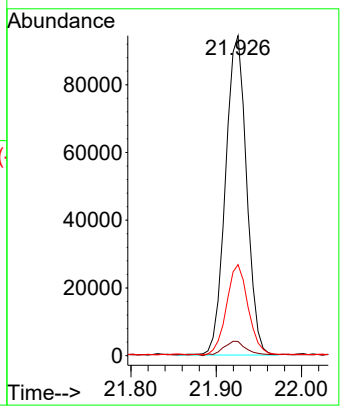


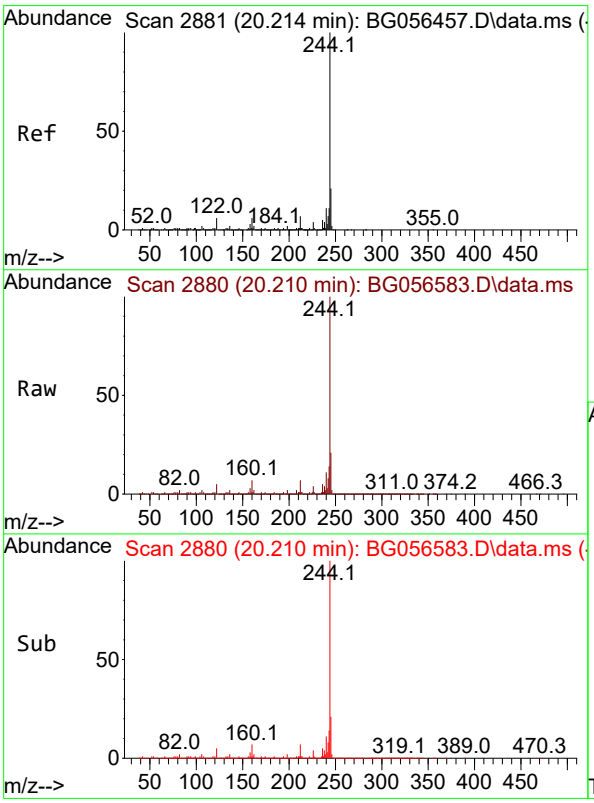

#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:240 Resp: 162130

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.4 | 3.8 | 5.8 |
| 236 | 28.5 | 20.2 | 30.2 |

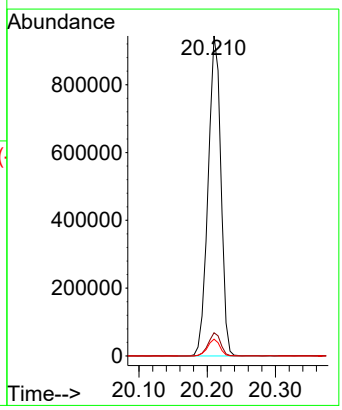


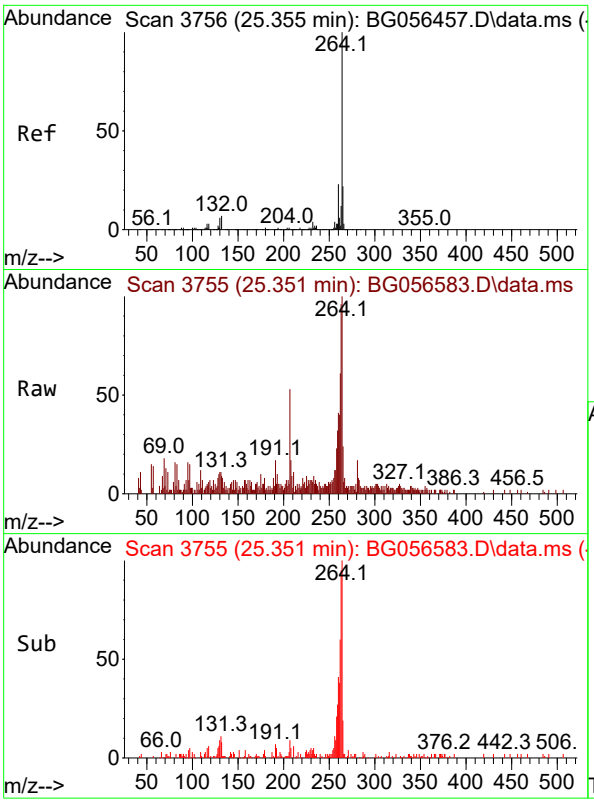




#79
Terphenyl-d14
Concen: 133.157 ng
RT: 20.210 min Scan# 2880
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion:244 Resp: 1229170

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.2 | 5.5 | 8.3 |
| 122 | 5.2 | 4.4 | 6.6 |






#86
Perylene-d12
Concen: 20.000 ng
RT: 25.351 min Scan# 3
Delta R.T. 0.013 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

**Instrument :**
BNA_G
**ClientSampleId :**
JPP-22-020223

Tgt Ion:264 Resp: 33742

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 41.3 | 18.2 | 27.4# |
| 265 | 24.4 | 18.1 | 27.1 |