Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
Data File : BE101511.D
Acq On : 6 Nov 2024 00:39
Operator : RC/JU
Sample : P4667-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Quant Time: Nov 07 01:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

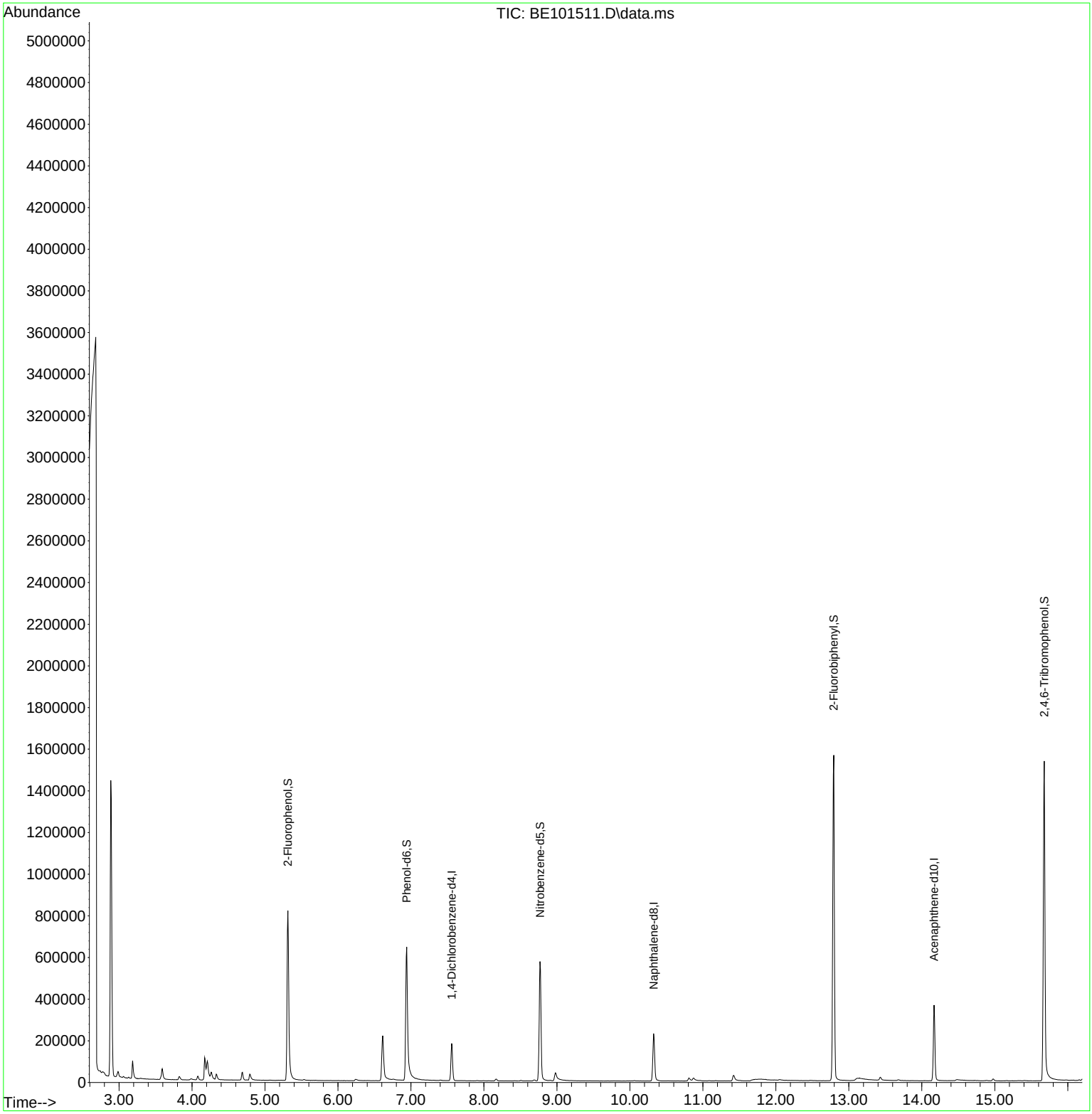
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.558 | 152 | 50314 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.326 | 136 | 206452 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.168 | 164 | 119151 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 16.906 | 188 | 351377 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.066 | 240 | 415210 | 20.000 | ng | -0.01 |
| 86) Perylene-d12 | 23.346 | 264 | 88152 | 20.000 | ng | #-0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.314 | 112 | 425582 | 149.562 | ng | 0.00 |
| 7) Phenol-d6 | 6.941 | 99 | 466116 | 119.473 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 8.769 | 82 | 347114 | 106.201 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.678 | 330 | 418998 | 186.881 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 12.793 | 172 | 857624 | 117.526 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.503 | 244 | 2263990 | 120.698 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
Data File : BE101511.D
Acq On : 6 Nov 2024 00:39
Operator : RC/JU
Sample : P4667-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Quant Time: Nov 07 01:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

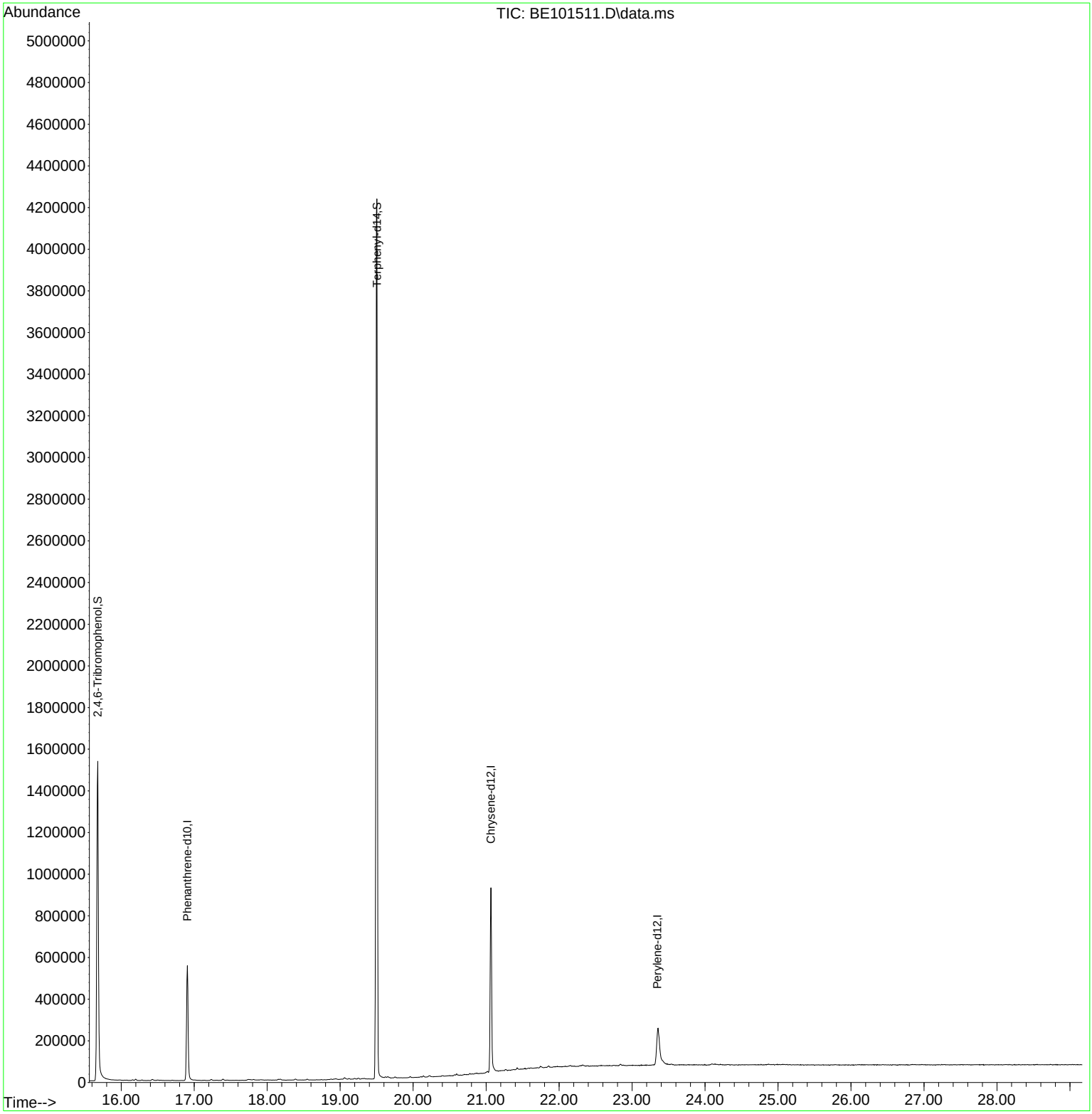


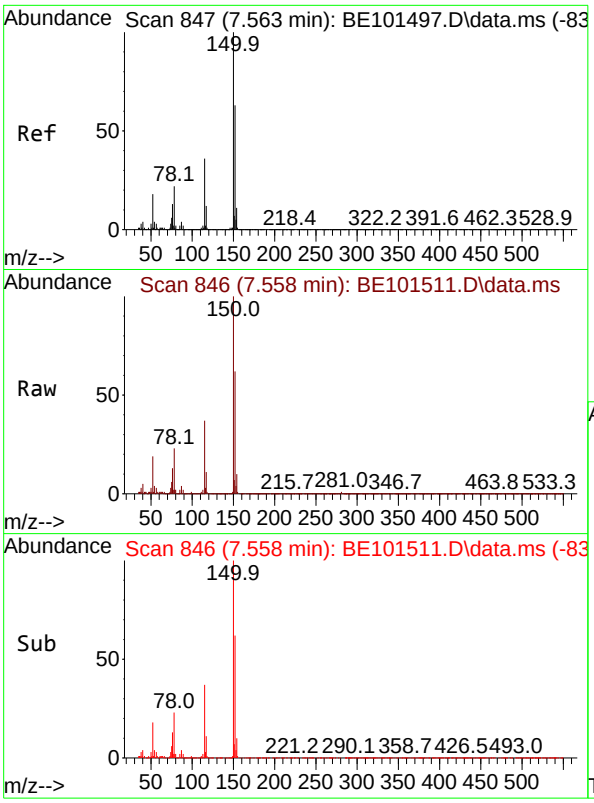
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
Data File : BE101511.D
Acq On : 6 Nov 2024 00:39
Operator : RC/JU
Sample : P4667-16
Misc :
ALS Vial : 20 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Quant Time: Nov 07 01:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration



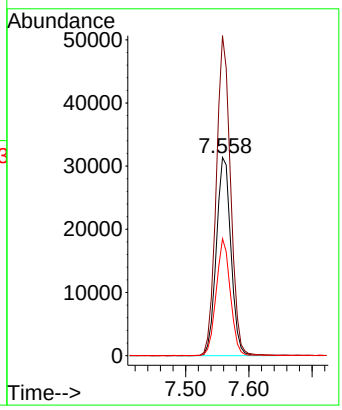


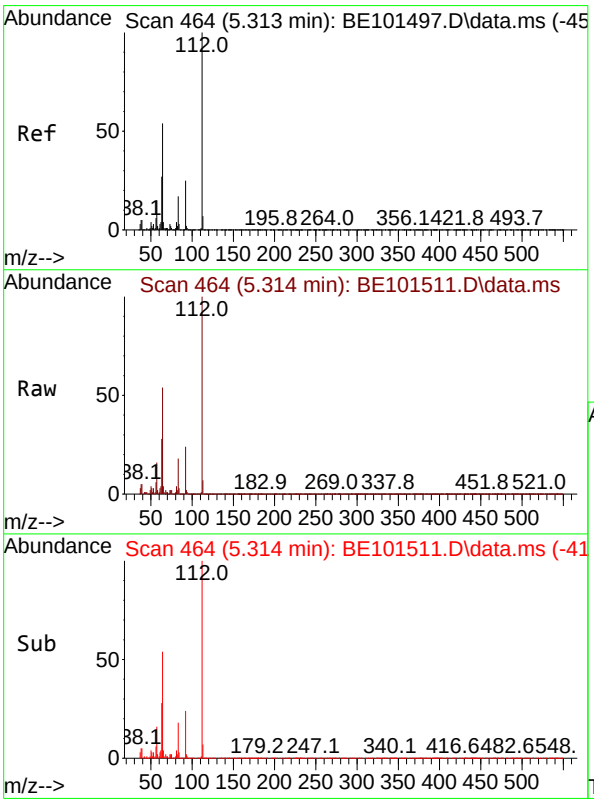

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.558 min Scan# 84
Delta R.T. -0.005 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Tgt Ion:152 Resp: 50314

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 161.4 | 126.3 | 189.5 |
| 115 | 59.0 | 45.0 | 67.4 |

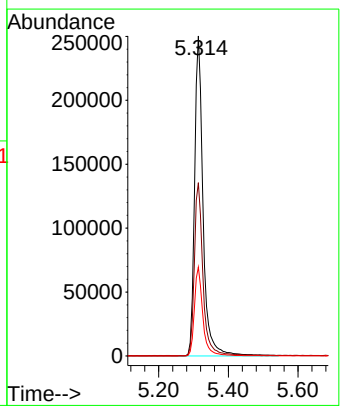


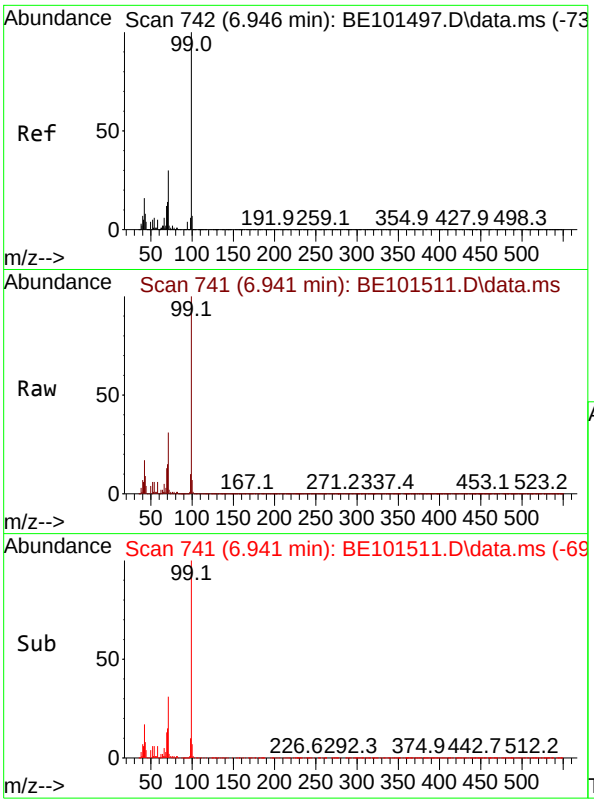




#5
2-Fluorophenol
Concen: 149.562 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

Tgt Ion:112 Resp: 425582

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 54.1 | 43.2 | 64.8 |
| 63 | 27.8 | 21.8 | 32.6 |



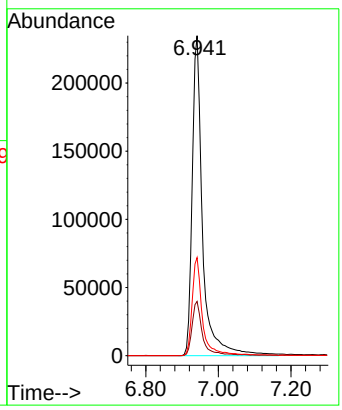


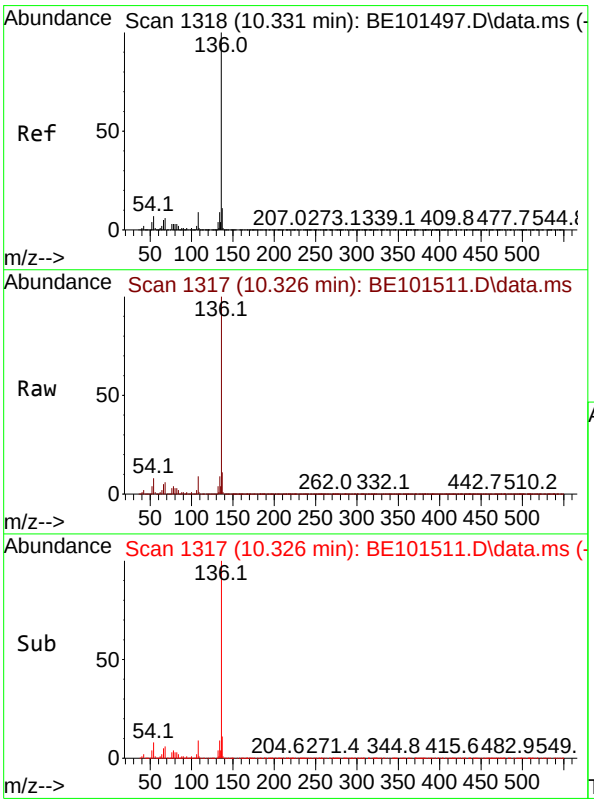

#7
Phenol-d6
Concen: 119.473 ng
RT: 6.941 min Scan# 7
Delta R.T. -0.005 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Tgt Ion: 99 Resp: 466116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 16.9 | 12.5 | 18.7 |
| 71 | 30.6 | 24.2 | 36.2 |

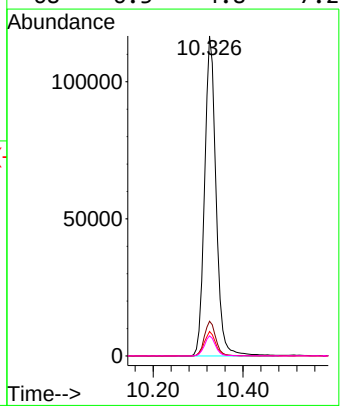


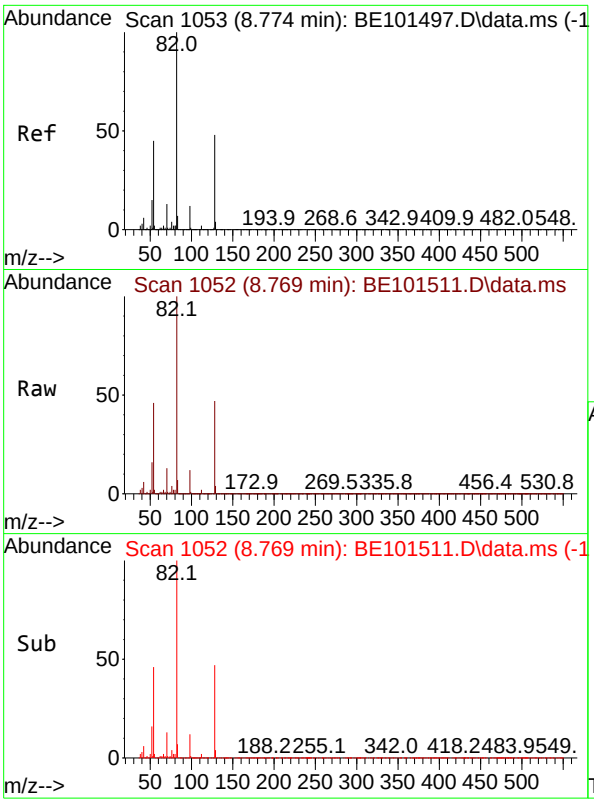




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

Tgt Ion:136 Resp: 206452

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.9 | 8.6 | 13.0 |
| 54 | 7.6 | 5.6 | 8.4 |
| 68 | 6.3 | 4.8 | 7.2 |



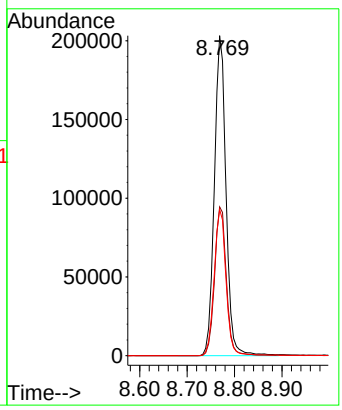


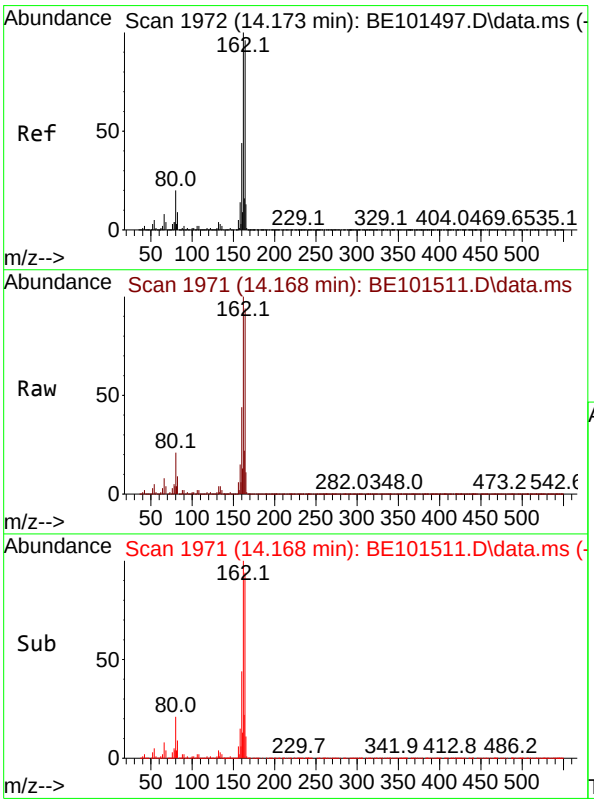

#23
Nitrobenzene-d5
Concen: 106.201 ng
RT: 8.769 min Scan# 1
Delta R.T. -0.005 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Tgt Ion: 82 Resp: 347114

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 46.5 | 38.6 | 58.0 |
| 54 | 45.7 | 36.3 | 54.5 |

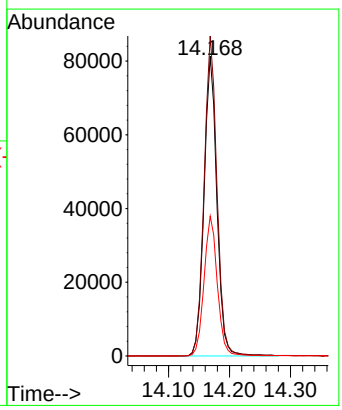


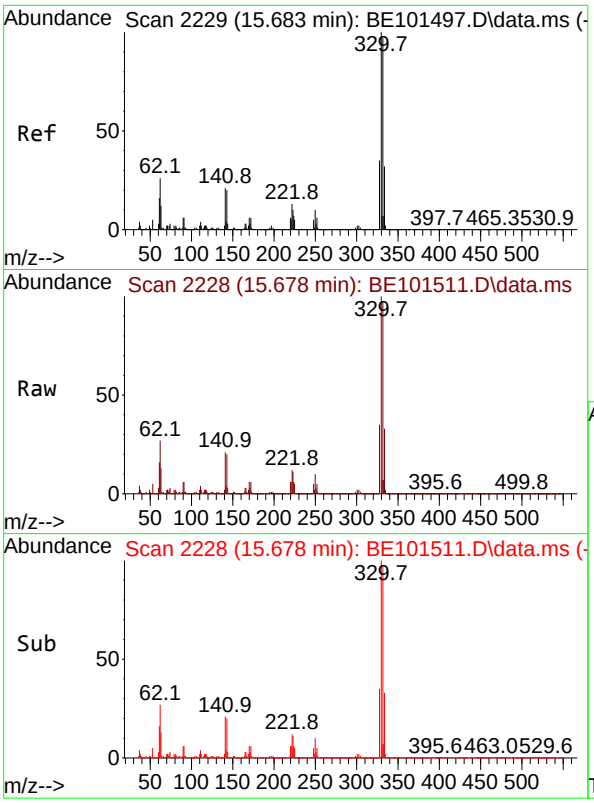




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

Tgt Ion:164 Resp: 119151

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 106.7 | 83.7 | 125.5 |
| 160 | 46.6 | 37.1 | 55.7 |



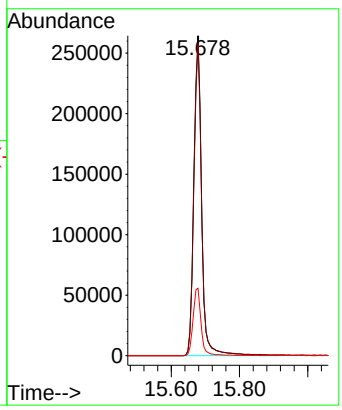


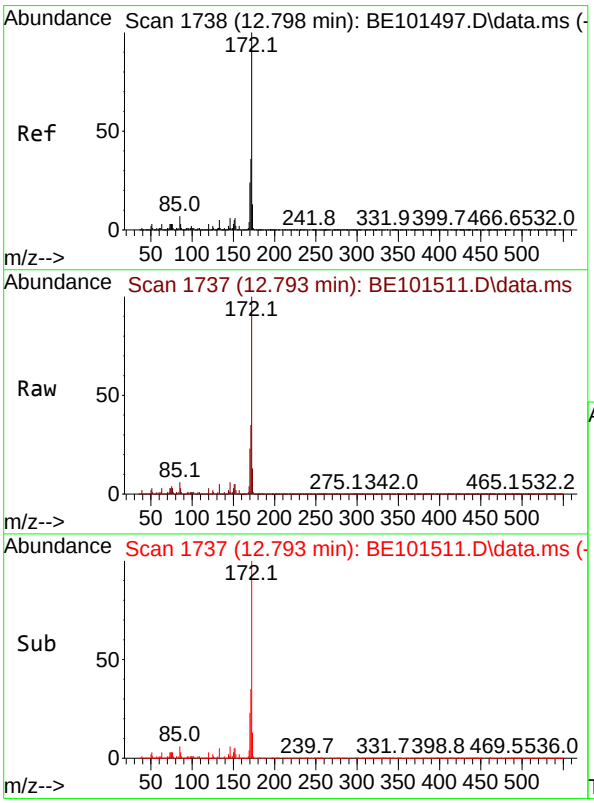

#42
2,4,6-Tribromophenol
Concen: 186.881 ng
RT: 15.678 min Scan# 2
Delta R.T. -0.005 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Tgt Ion:330 Resp: 418998

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.4 | 77.7 | 116.5 |
| 141 | 21.7 | 17.0 | 25.4 |

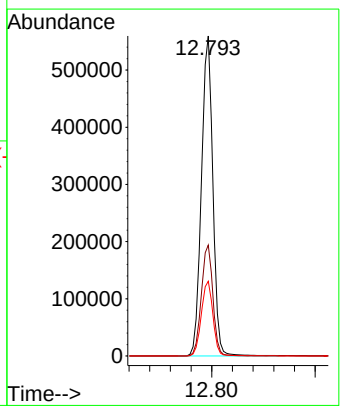


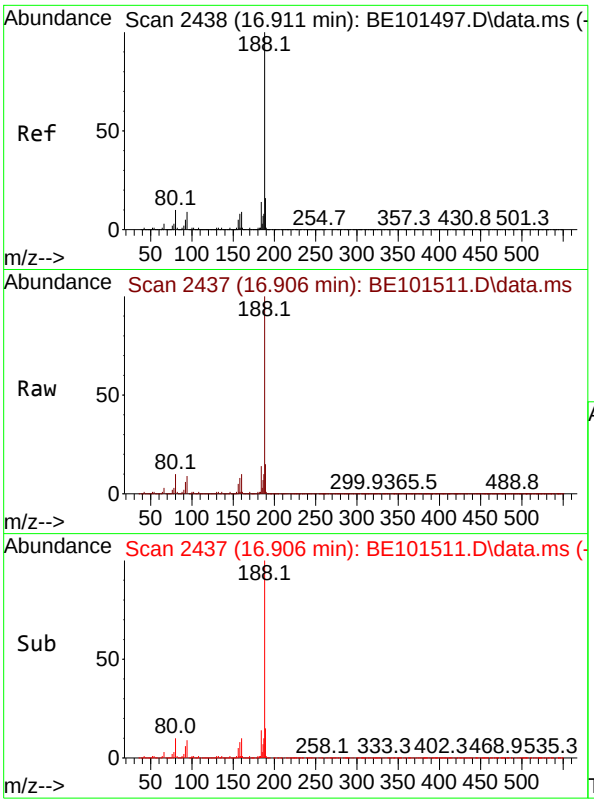




#45
2-Fluorobiphenyl
Concen: 117.526 ng
RT: 12.793 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

Tgt Ion:172 Resp: 857624

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.6 | 28.6 | 43.0 |
| 170 | 23.4 | 18.9 | 28.3 |



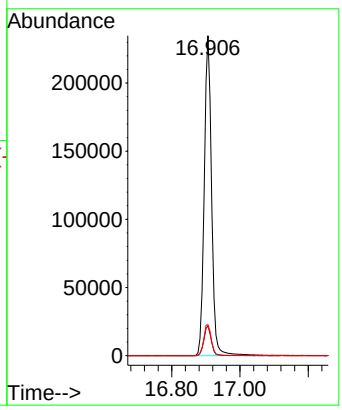


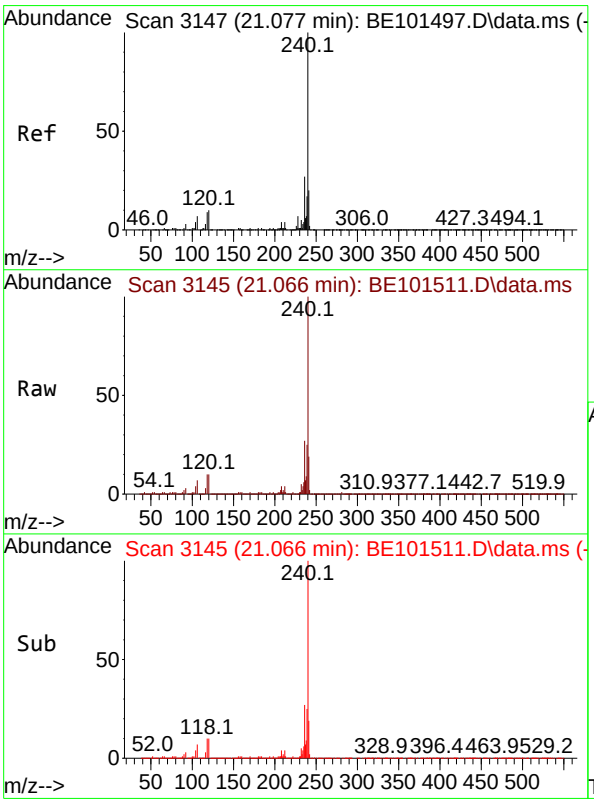

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 24
Delta R.T. -0.005 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Tgt Ion:188 Resp: 351377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 9.3 | 7.4 | 11.2 |
| 80 | 9.6 | 8.0 | 12.0 |

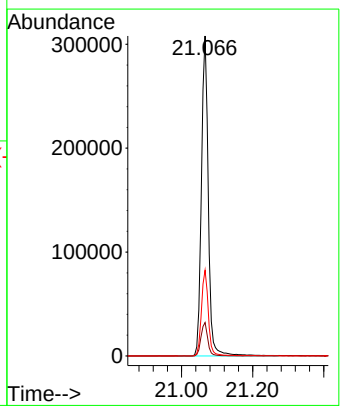


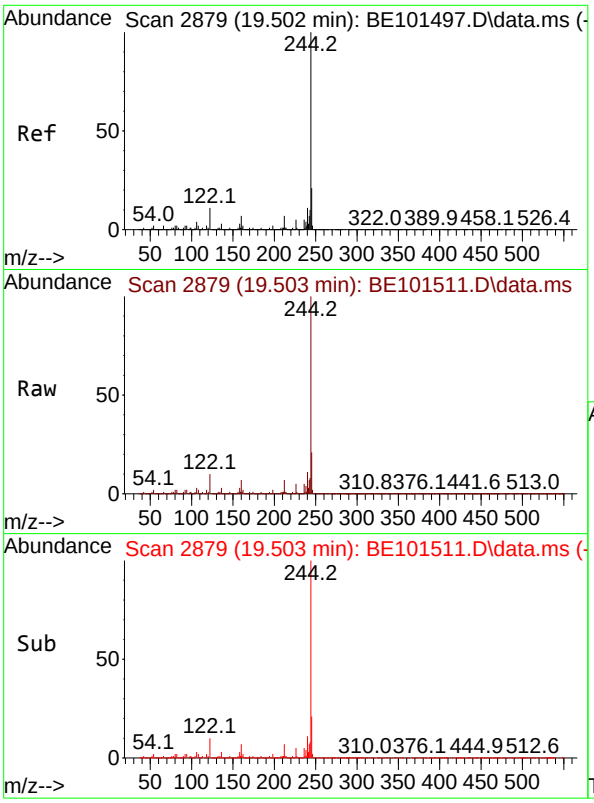




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

Tgt Ion:240 Resp: 415210

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.4 | 8.2 | 12.4 |
| 236 | 26.8 | 21.4 | 32.2 |



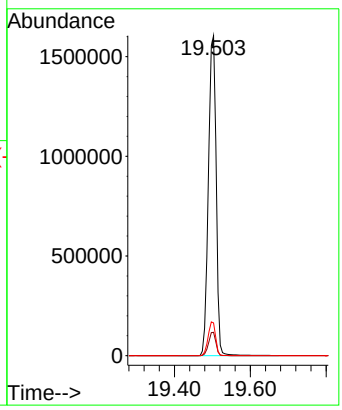


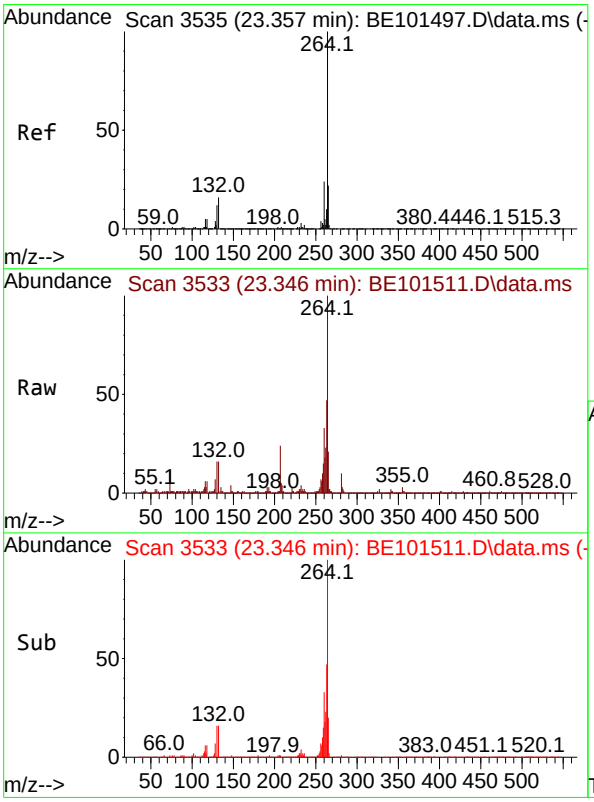

#79
Terphenyl-d14
Concen: 120.698 ng
RT: 19.503 min Scan# 2
Delta R.T. 0.001 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

**Instrument :**
BNA_E
**ClientSampleId :**
BP-F-7

Tgt Ion:244 Resp: 2263990

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.3 | 5.8 | 8.8 |
| 122 | 10.3 | 8.4 | 12.6 |




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.346 min Scan# 3533
Delta R.T. -0.011 min
Lab File: BE101511.D
Acq: 6 Nov 2024 00:39

Tgt Ion:264 Resp: 88152

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 32.8 | 19.4 | 29.2# |
| 265 | 20.7 | 17.4 | 26.2 |