Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020419\
Data File : BE098711.D
Acq On : 4 Feb 2019 17:28
Operator : JU/SJ
Sample : K1308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SB-17(34.2-34.8)

Quant Time: Feb 04 23:58:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.804 | 152 | 988 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.601 | 136 | 3790 | 0.40 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.471 | 164 | 2625 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.228 | 188 | 6467 | 0.40 | ng | # 0.00 |
| 27) Chrysene-d12 | 21.414 | 240 | 7420 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.920 | 264 | 7199 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.409 | 112 | 1101 | 0.38 | ng | 0.00 |
| 5) Phenol-d6 | 6.987 | 99 | 1611 | 0.38 | ng | -0.01 |
| 8) Nitrobenzene-d5 | 8.990 | 82 | 1196 | 0.34 | ng | 0.01 |
| 11) 2-Methylnaphthalene-d10 | 12.209 | 152 | 2583 | 0.36 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.970 | 330 | 433 | 0.37 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.102 | 172 | 3468 | 0.31 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.258 | 212 | 34377 | 0.37 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.856 | 244 | 5913 | 0.32 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 3) n-Nitrosodimethylamine | 3.739 | 42 | 48 | 0.07 | ng | # 52 |
| 22) Pentachlorophenol | 16.920 | 266 | 48 | 0.04 | ng | # 66 |
| 24) Anthracene | 17.362 | 178 | 8 | 0.07 | ng | # 61 |
| 32) Bis(2-ethylhexyl)phtha... | 21.317 | 149 | 10559 | 0.25 | ng | 99 |

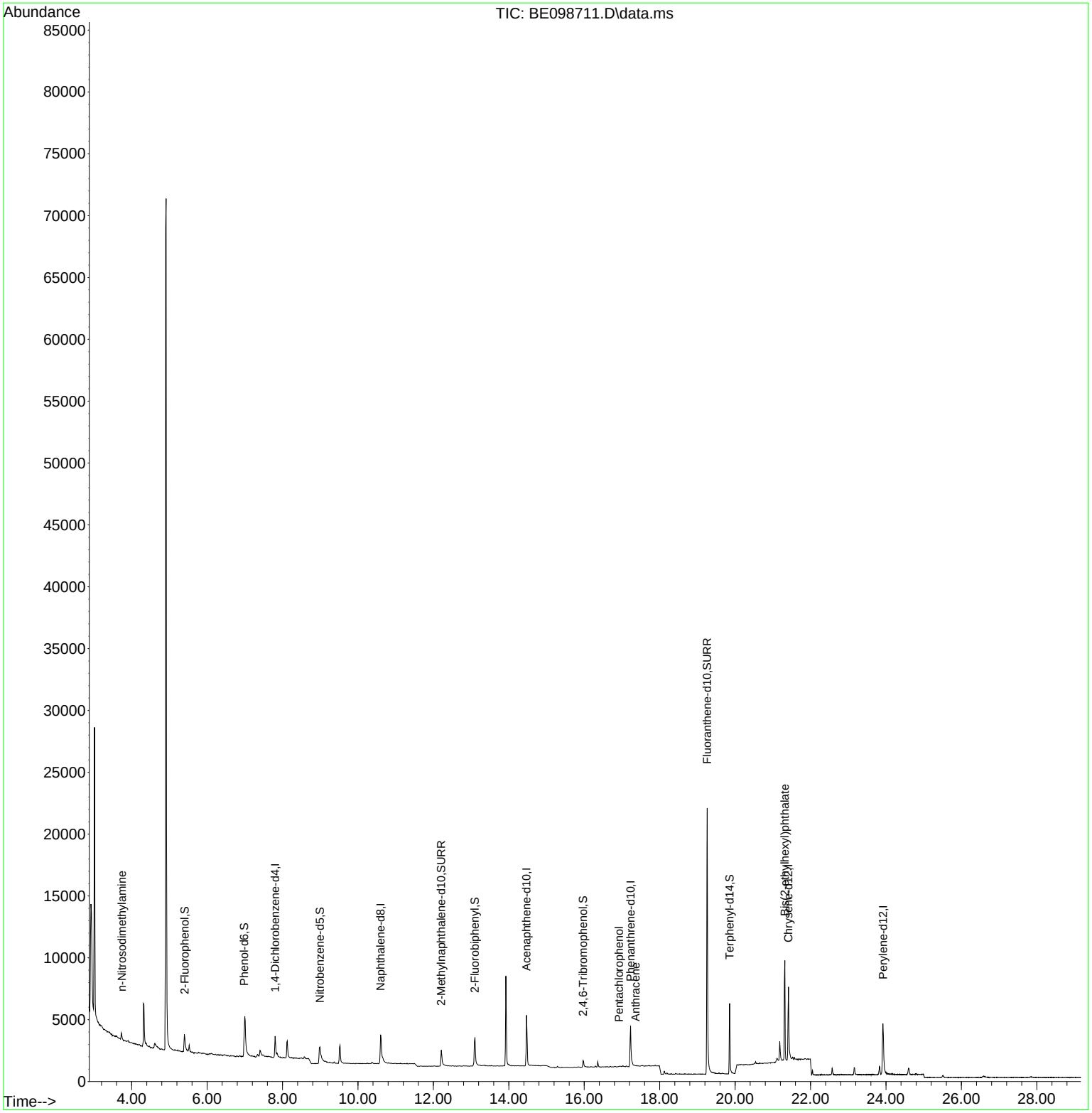
(#) = qualifier out of range (m) = manual integration (+) = signals summed

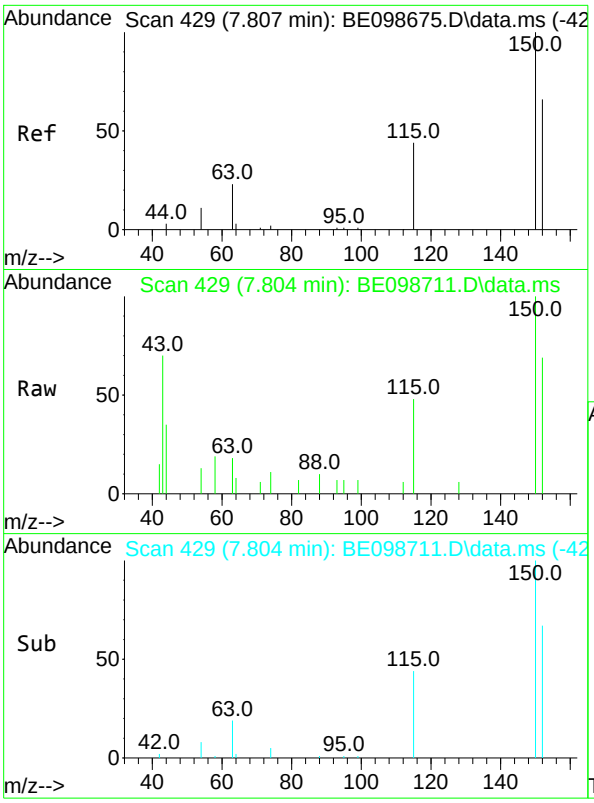
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020419\
Data File : BE098711.D
Acq On : 4 Feb 2019 17:28
Operator : JU/SJ
Sample : K1308-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)

Quant Time: Feb 04 23:58:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE012419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 24 14:44:44 2019
Response via : Initial Calibration

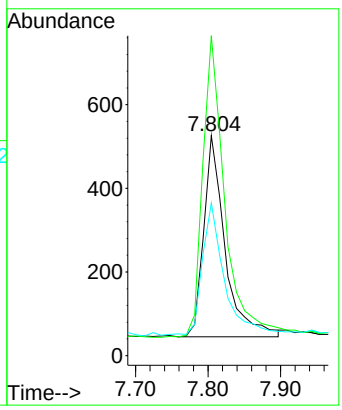




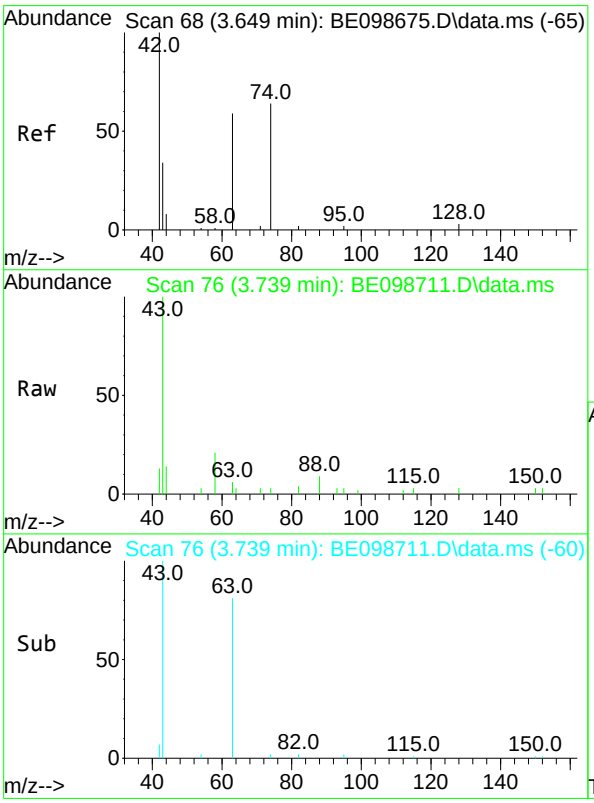

#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.804 min Scan# 429
Delta R.T. -0.003 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:152 Resp: 988

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 145.4 | 121.4 | 182.2 |
| 115 | 69.4 | 59.1 | 88.7 |



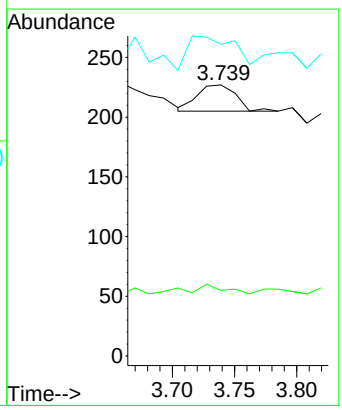

**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)



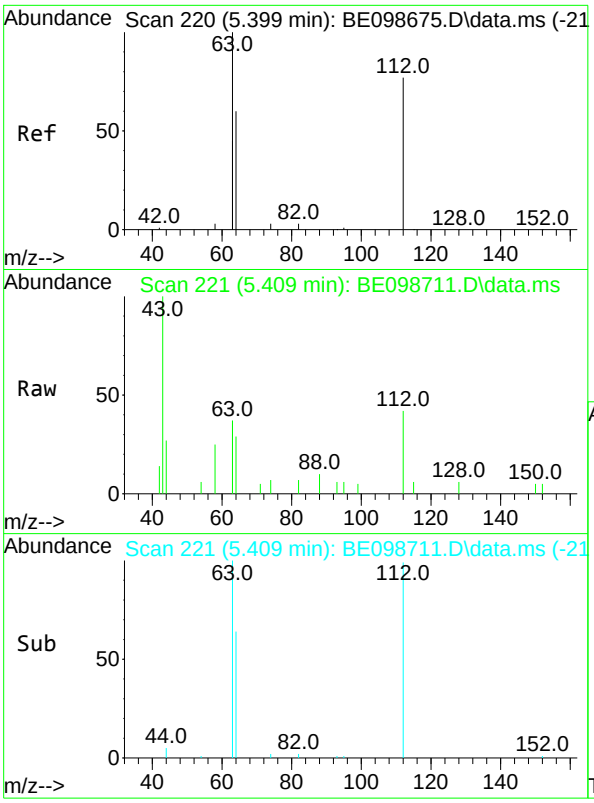

#3
n-Nitrosodimethylamine
Concen: 0.07 ng
RT: 3.739 min Scan# 76
Delta R.T. 0.090 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion: 42 Resp: 48

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 33.3 | 58.9 | 88.3# |
| 44 | 0.0 | 0.0 | 0.0 |



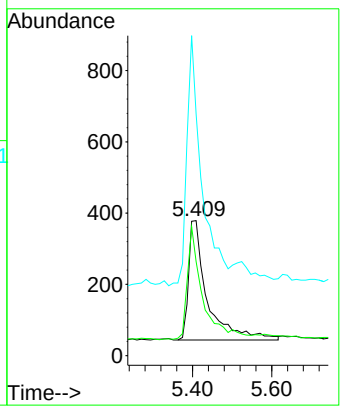
**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)

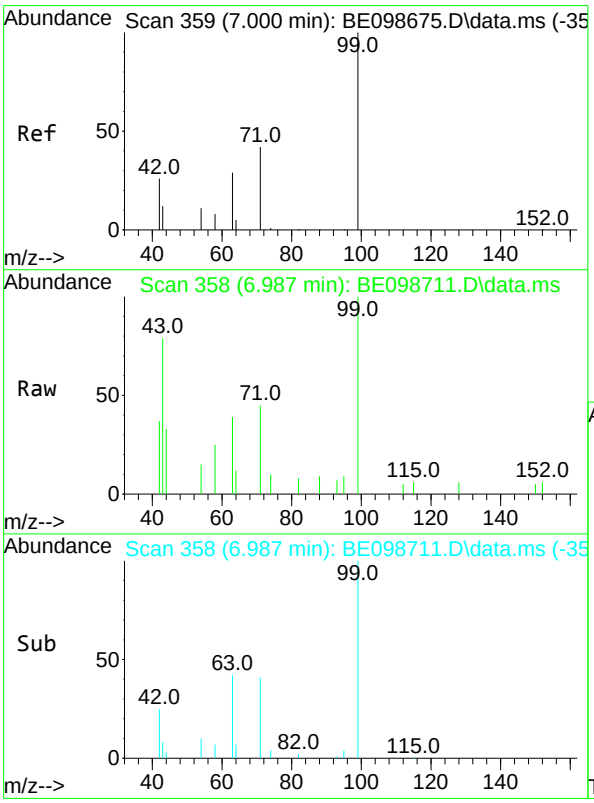



#4
2-Fluorophenol
Concen: 0.38 ng
RT: 5.409 min Scan# 221
Delta R.T. 0.010 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:112 Resp: 1101

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 78.2 | 62.9 | 94.3 |
| 63 | 167.3 | 152.2 | 228.4 |

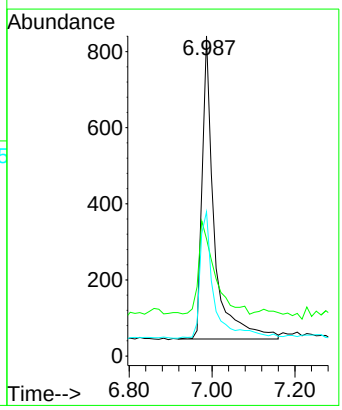


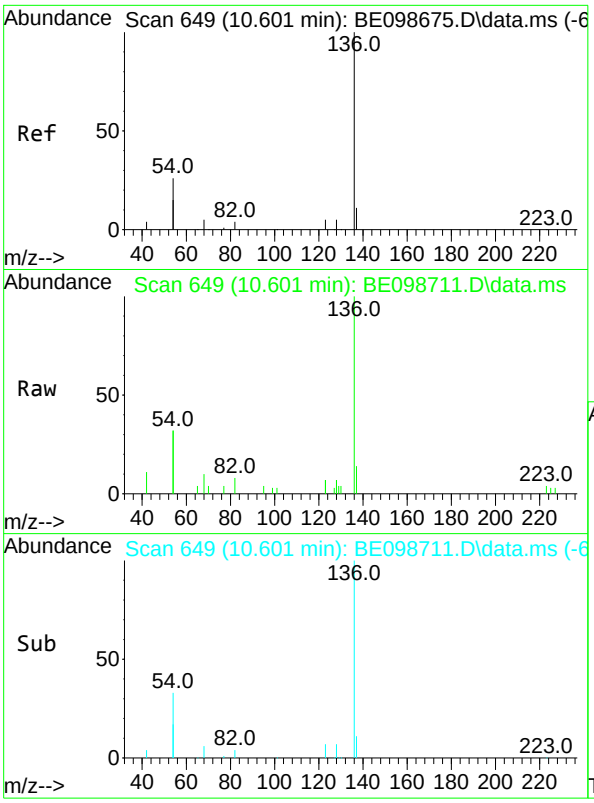

#5
Phenol-d6
Concen: 0.38 ng
RT: 6.987 min Scan# 358
Delta R.T. -0.013 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion: 99 Resp: 1611

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 41.6 | 24.6 | 37.0# |
| 71 | 48.4 | 35.1 | 52.7 |



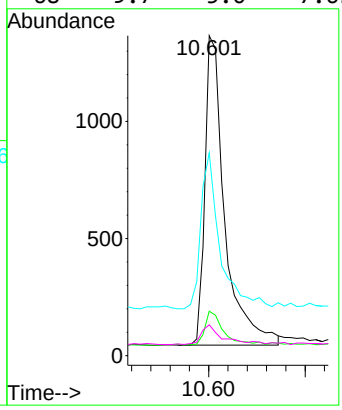
**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)

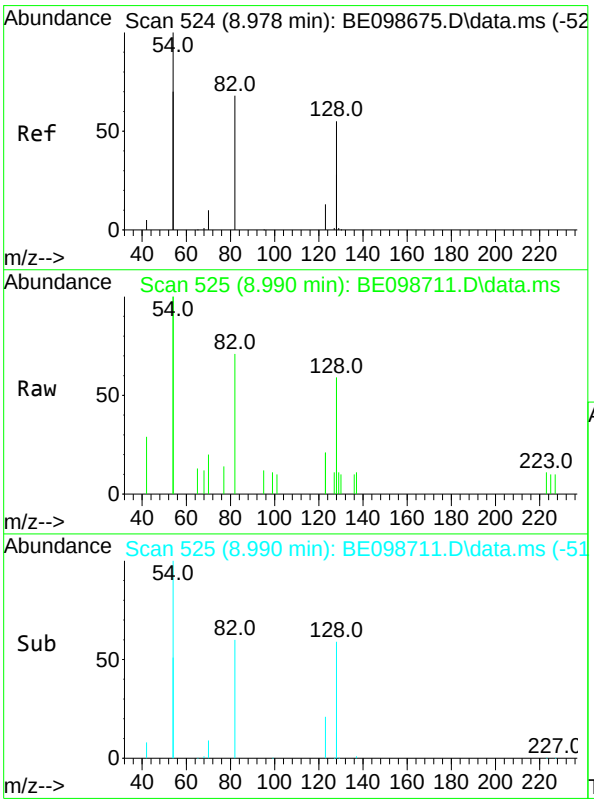



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. 0.000 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:136 Resp: 3790

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 13.9 | 9.7 | 14.5 |
| 54 | 63.4 | 35.5 | 53.3# |
| 68 | 9.7 | 5.0 | 7.6# |

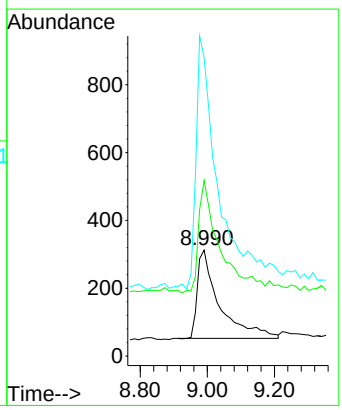


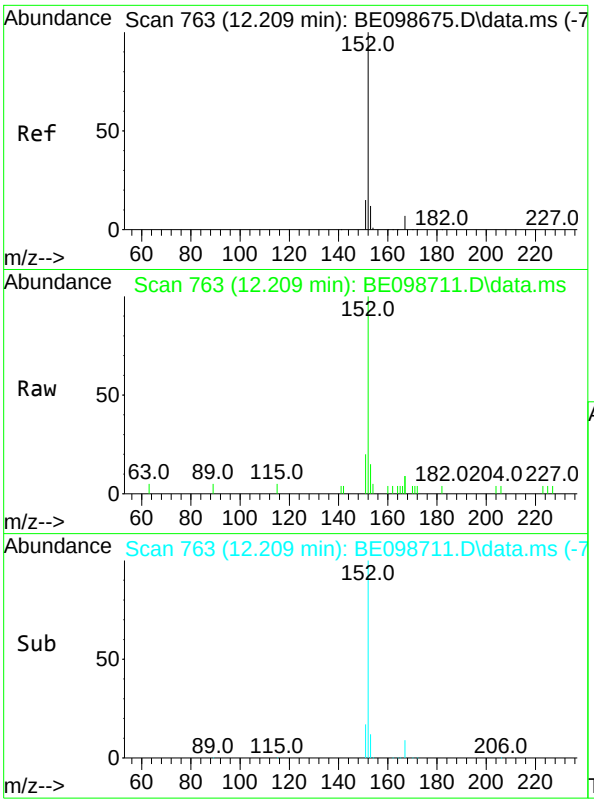

#8
Nitrobenzene-d5
Concen: 0.34 ng
RT: 8.990 min Scan# 525
Delta R.T. 0.012 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion: 82 Resp: 1196

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 166.0 | 96.5 | 144.7# |
| 54 | 282.1 | 224.7 | 337.1 |



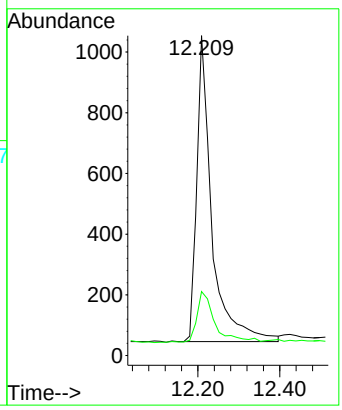
**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)

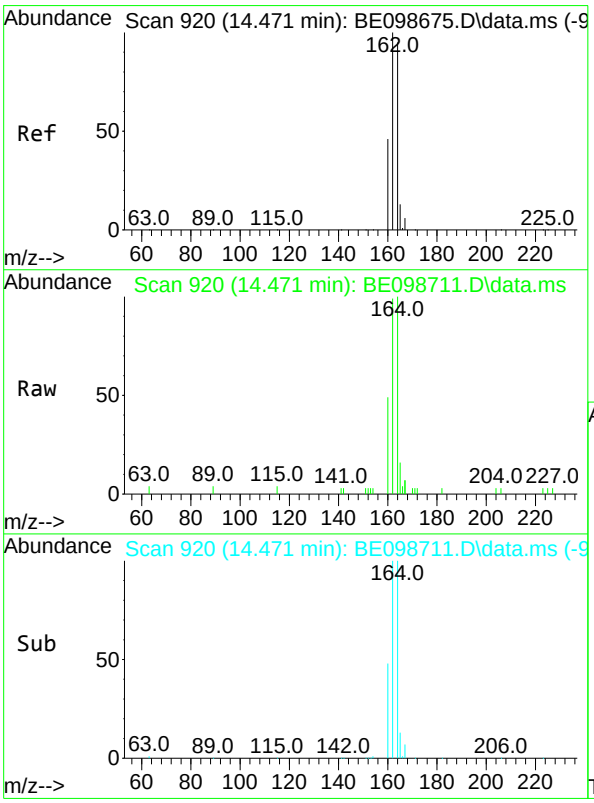



#11
2-Methylnaphthalene-d10
Concen: 0.36 ng
RT: 12.209 min Scan# 763
Delta R.T. -0.000 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:152 Resp: 2583

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.1 | 16.2 | 24.4 |

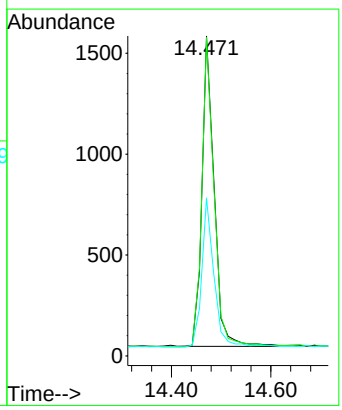


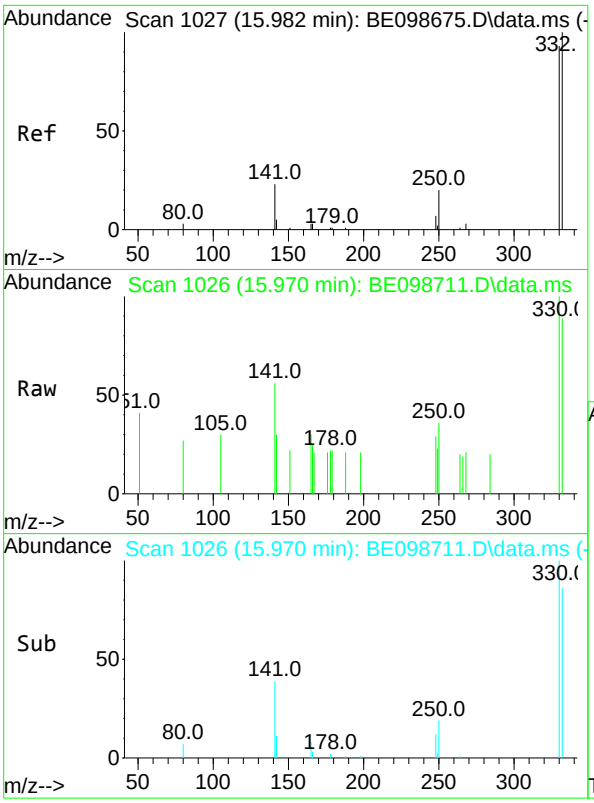

#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.471 min Scan# 920
Delta R.T. -0.000 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:164 Resp: 2625

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 99.5 | 80.5 | 120.7 |
| 160 | 49.4 | 40.1 | 60.1 |



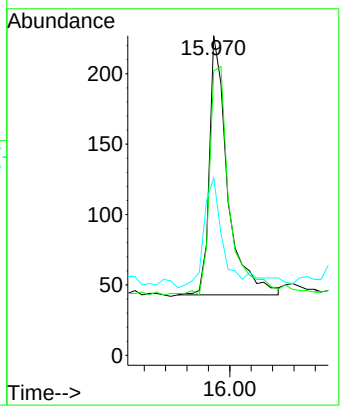
**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)

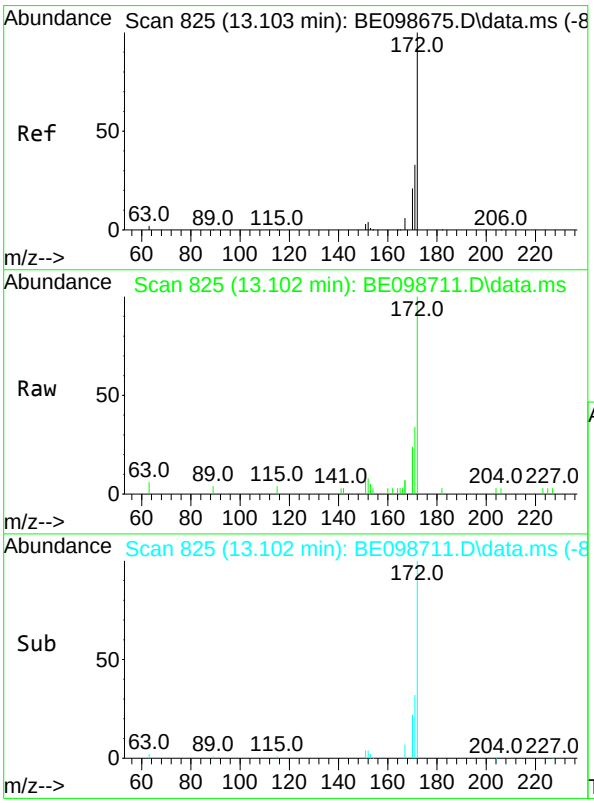



#14
2,4,6-Tribromophenol
Concen: 0.37 ng
RT: 15.970 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:330 Resp: 433

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.7 | 73.3 | 109.9 |
| 141 | 50.8 | 33.1 | 49.7# |

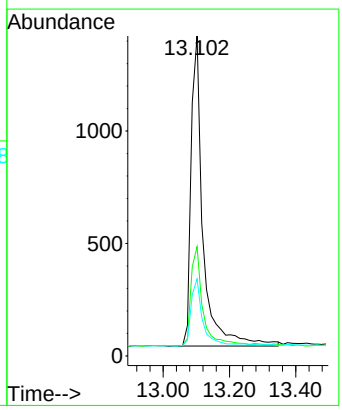


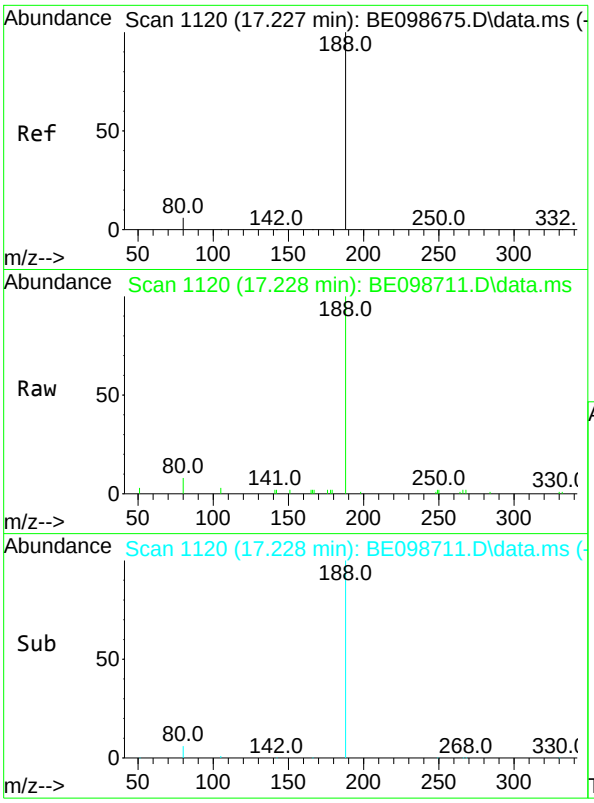

#15
2-Fluorobiphenyl
Concen: 0.31 ng
RT: 13.102 min Scan# 825
Delta R.T. -0.001 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:172 Resp: 3468

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.2 | 29.0 | 43.4 |
| 170 | 24.1 | 20.8 | 31.2 |



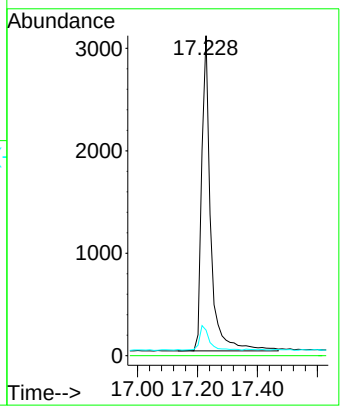
**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)

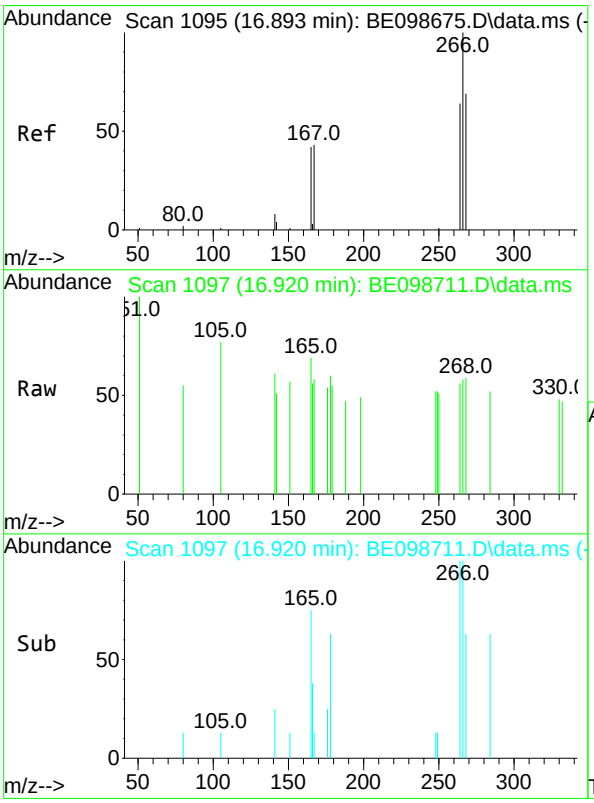



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:188 Resp: 6467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 8.0 | 4.7 | 7.1# |

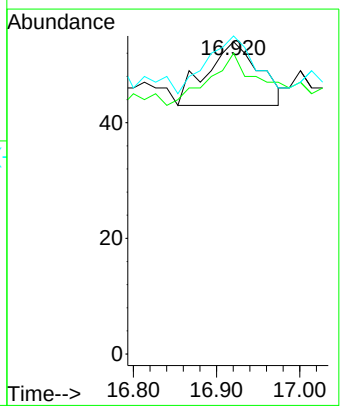


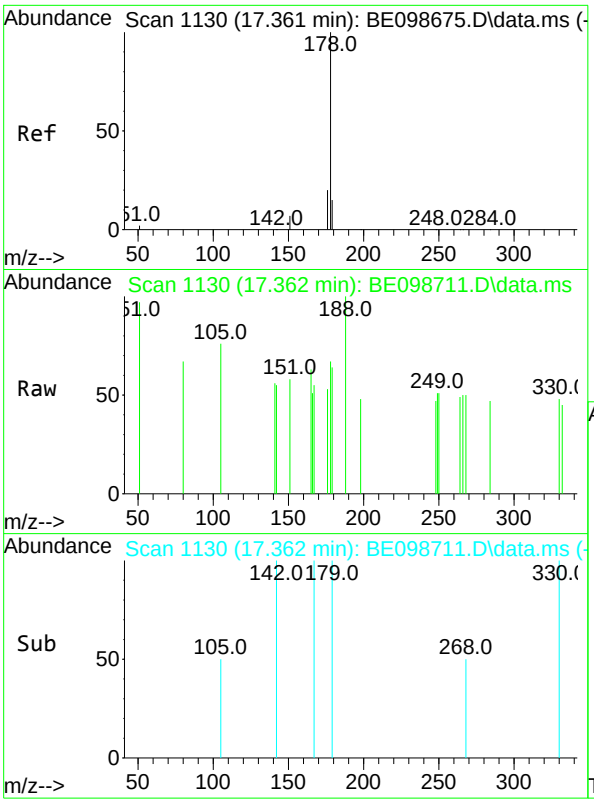

#22
Pentachlorophenol
Concen: 0.04 ng
RT: 16.920 min Scan# 1097
Delta R.T. 0.027 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:266 Resp: 48

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 96.3 | 53.7 | 80.5# |
| 268 | 101.9 | 59.8 | 89.8# |



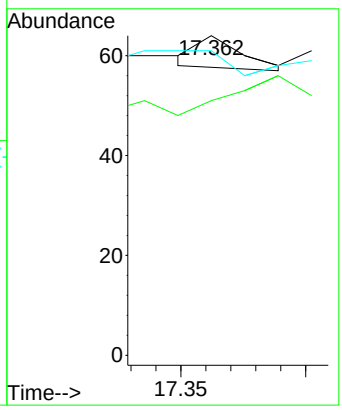
**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)

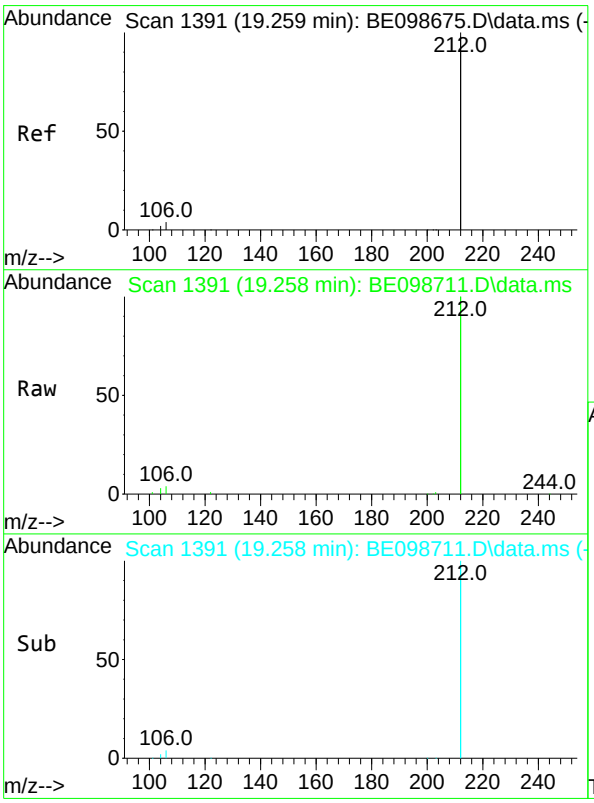



#24
Anthracene
Concen: 0.07 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:178 Resp: 8

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 14.9 | 22.3# |
| 179 | 0.0 | 11.8 | 17.8# |

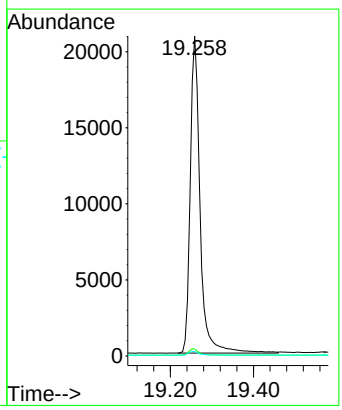


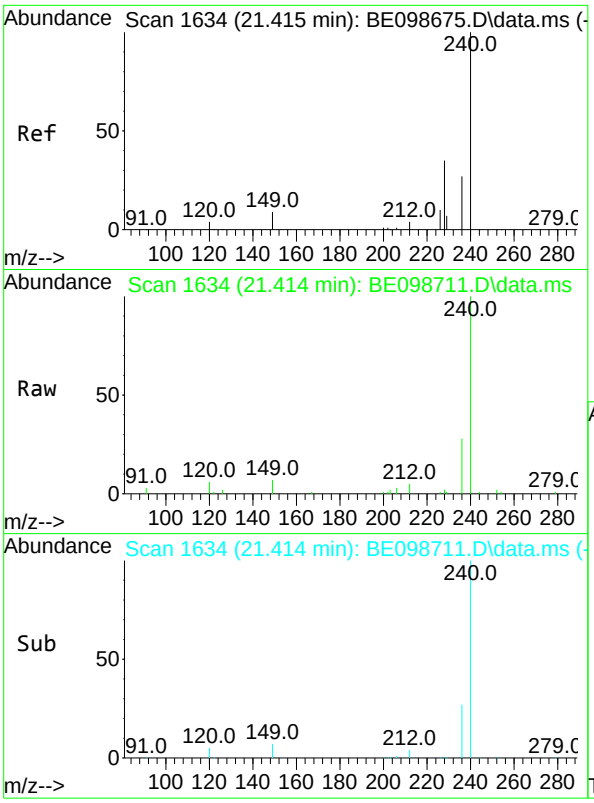

#25
Fluoranthene-d10
Concen: 0.37 ng
RT: 19.258 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:212 Resp: 34377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.1 | 1.7 | 2.5 |
| 104 | 1.3 | 1.0 | 1.6 |



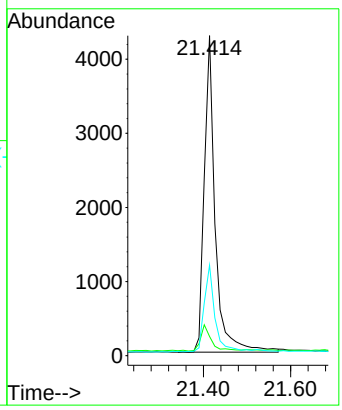
**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)

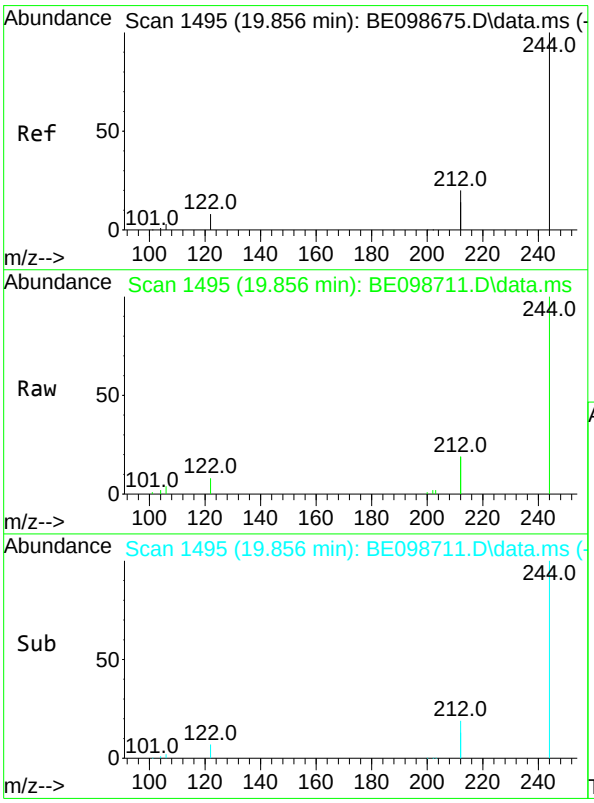



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.414 min Scan# 1634
Delta R.T. -0.001 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:240 Resp: 7420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.0 | 4.7 | 7.1 |
| 236 | 28.3 | 21.9 | 32.9 |

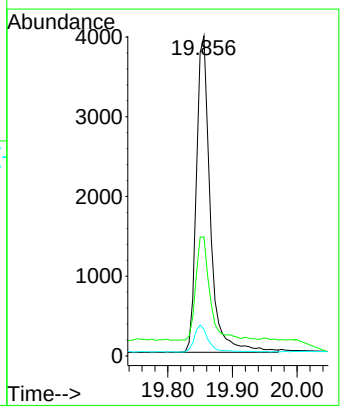


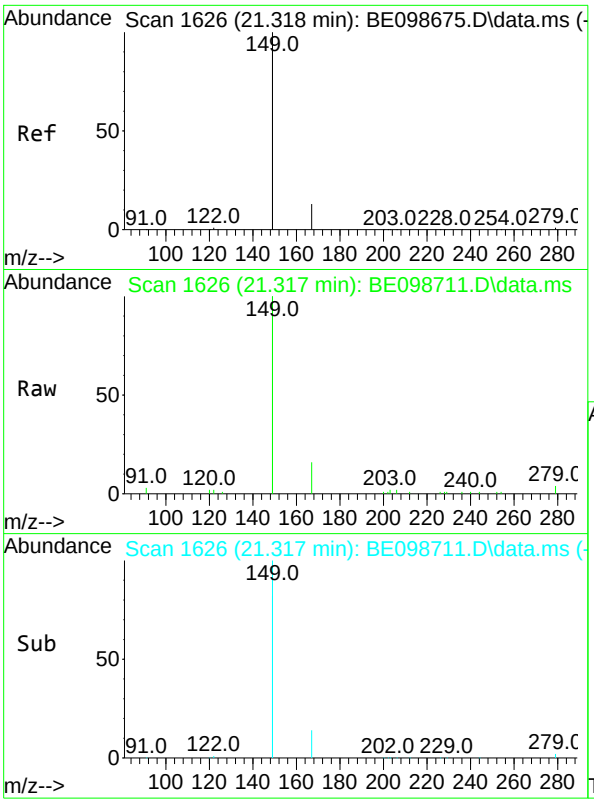




#29
Terphenyl-d14
Concen: 0.32 ng
RT: 19.856 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:244 Resp: 5913

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 37.3 | 29.4 | 44.2 |
| 122 | 8.3 | 7.1 | 10.7 |

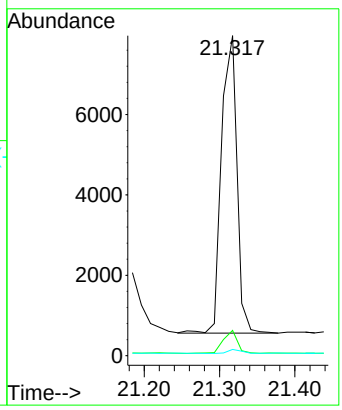




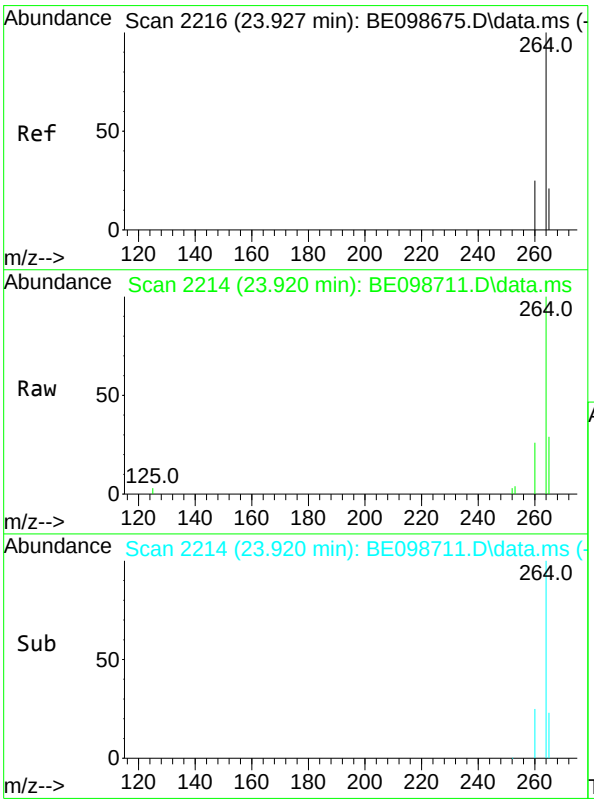

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.25 ng
RT: 21.317 min Scan# 1626
Delta R.T. -0.001 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:149 Resp: 10559

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.1 | 5.4 | 8.2 |
| 279 | 1.2 | 1.0 | 1.4 |




**Instrument :**
BNA_E
**ClientSampleId :**
SB-17(34.2-34.8)




#34
Perylene-d12
Concen: 0.40 ng
RT: 23.920 min Scan# 2214
Delta R.T. -0.007 min
Lab File: BE098711.D
Acq: 4 Feb 2019 17:28

Tgt Ion:264 Resp: 7199

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 26.1 | 20.5 | 30.7 |
| 265 | 28.6 | 22.3 | 33.5 |