Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010419\
Data File : BE098618.D
Acq On : 4 Jan 2019 16:49
Operator : SJ/JU
Sample : K1031-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** OUTFALL001-190102

Quant Time: Jan 04 21:19:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.80 | 152 | 968 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.60 | 136 | 4342 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.47 | 164 | 2909 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.22 | 188 | 7031 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 8116 | 0.40 | ng | 0.01 |
| 34) Perylene-d12 | 23.93 | 264 | 7887 | 0.40 | ng | -0.03 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.40 | 112 | 481 | 0.21 | ng | 0.01 |
| 5) Phenol-d6 | 7.01 | 99 | 354 | 0.11 | ng | 0.02 |
| 8) Nitrobenzene-d5 | 8.98 | 82 | 1605 | 0.41 | ng | 0.02 |
| 11) 2-Methylnaphthalene-d10 | 12.21 | 152 | 2968 | 0.42 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 558 | 0.52 | ng | 0.01 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 4975 | 0.41 | ng | 0.02 |
| 25) Fluoranthene-d10 | 19.26 | 212 | 38291 | 0.42 | ng | 0.01 |
| 29) Terphenyl-d14 | 19.85 | 244 | 9602 | 0.49 | ng | 0.00 |
| **Target Compounds** | | | | | | Qvalue |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 2574 | 0.055 | ng | # 96 |

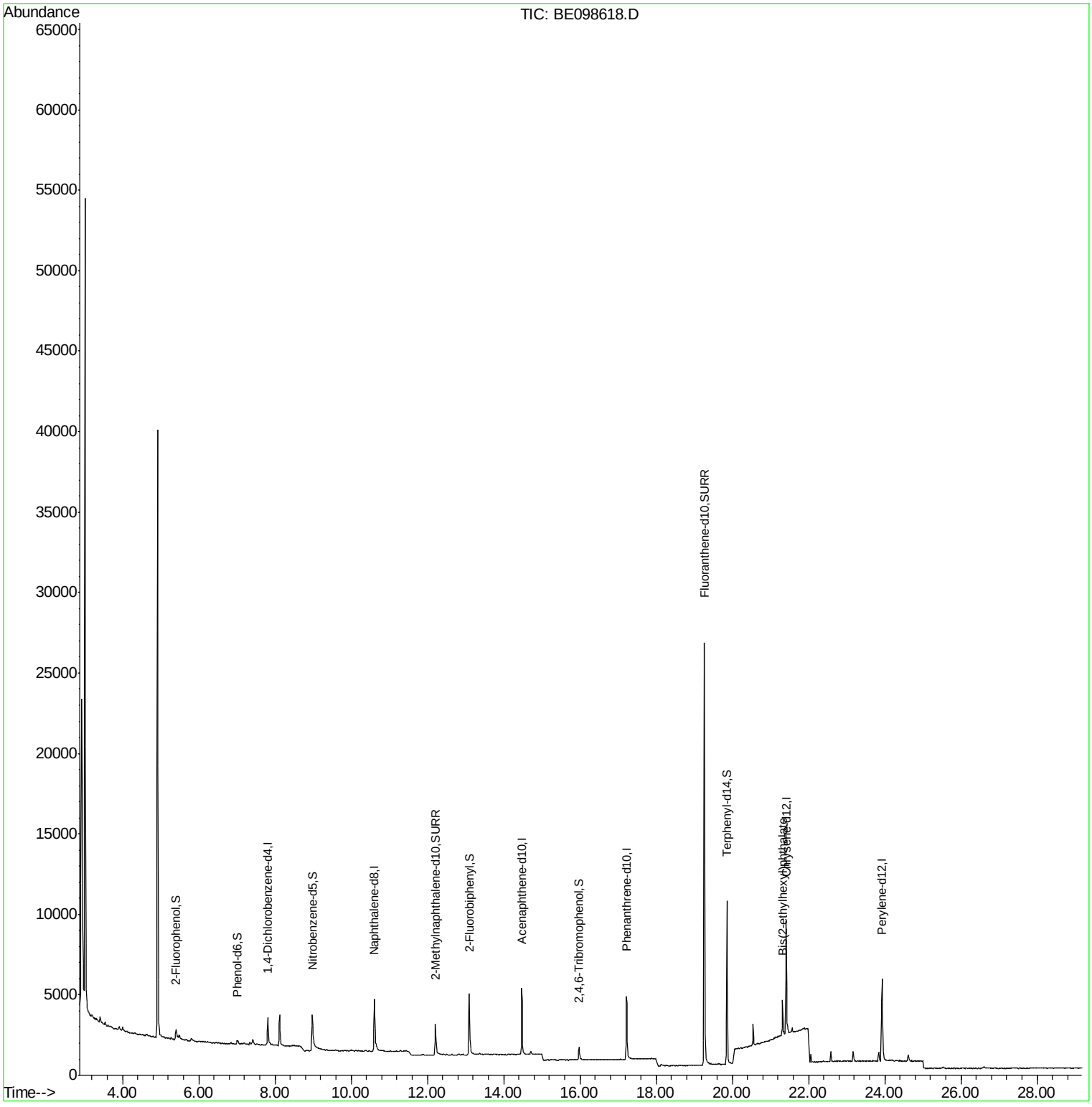
(#) = qualifier out of range (m) = manual integration (+) = signals summed

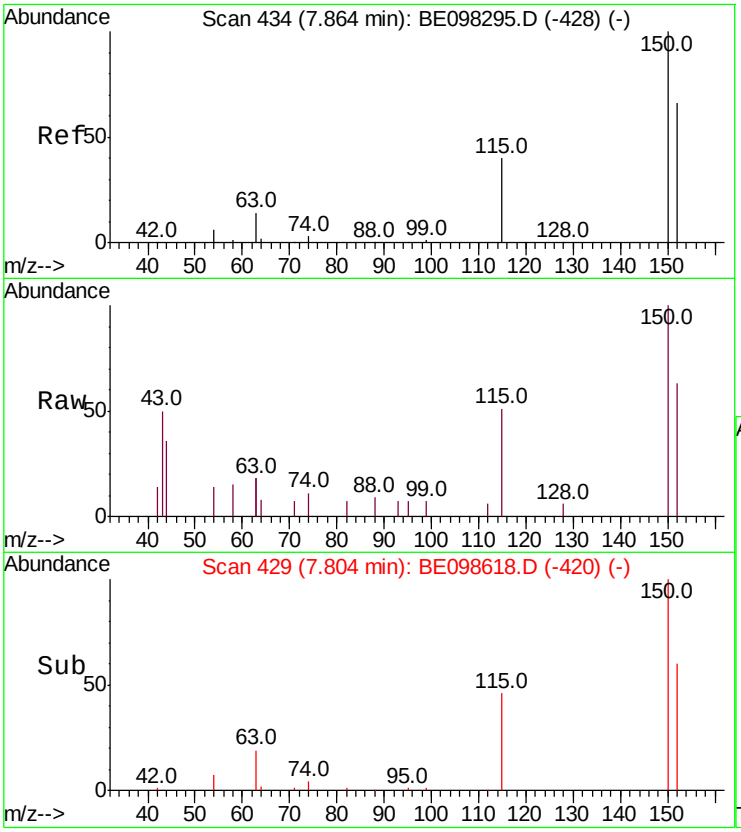
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE010419\
Data File : BE098618.D
Acq On : 4 Jan 2019 16:49
Operator : SJ/JU
Sample : K1031-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

Quant Time: Jan 04 21:19:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 02 10:30:27 2019
Response via : Initial Calibration



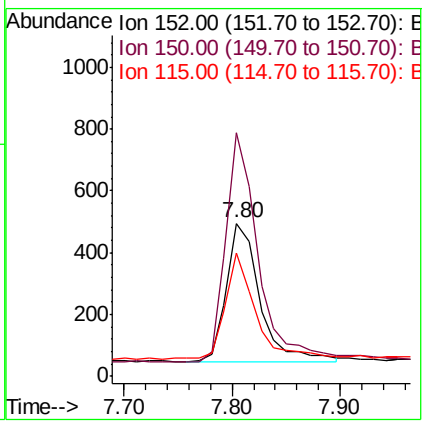


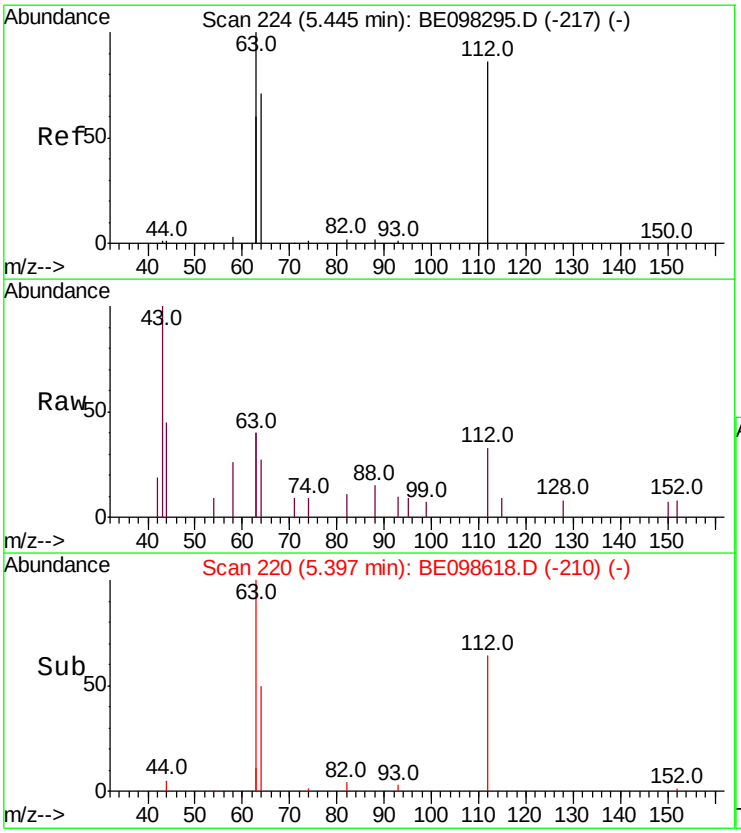

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.00 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

Tgt Ion:152 Resp: 968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 158.9 | 124.2 | 186.4 |
| 115 | 80.6 | 53.9 | 80.9 |

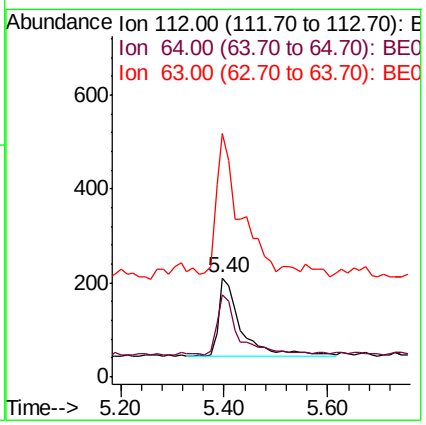


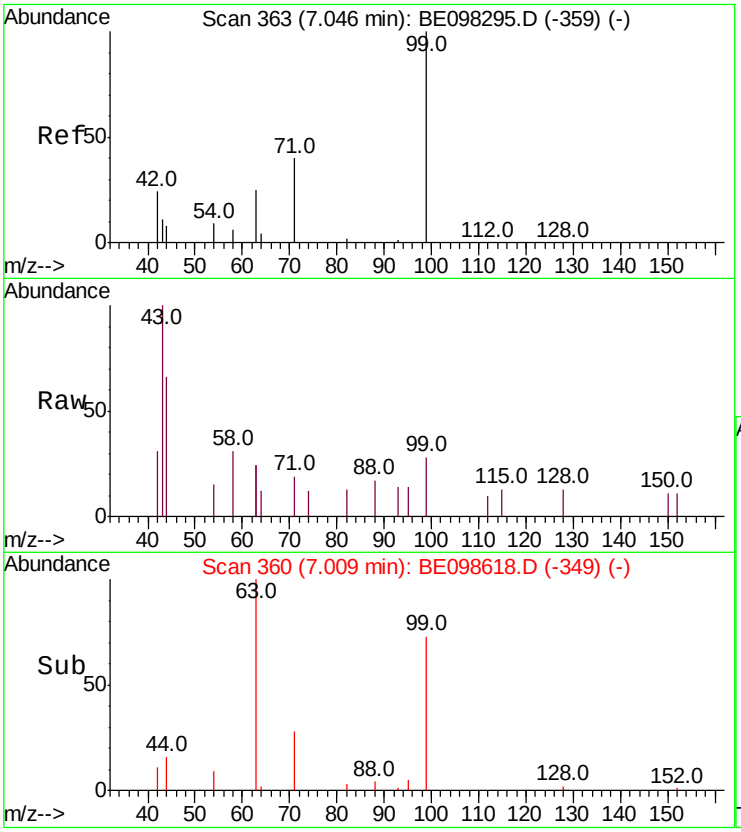




#4
2-Fluorophenol
Concen: 0.212 ng
RT: 5.40 min Scan# 220
Delta R.T. 0.01 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion:112 Resp: 481

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 71.9 | 59.8 | 89.8 |
| 63 | 196.3 | 133.7 | 200.5 |

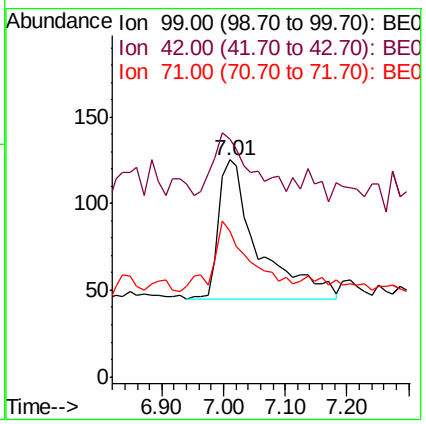




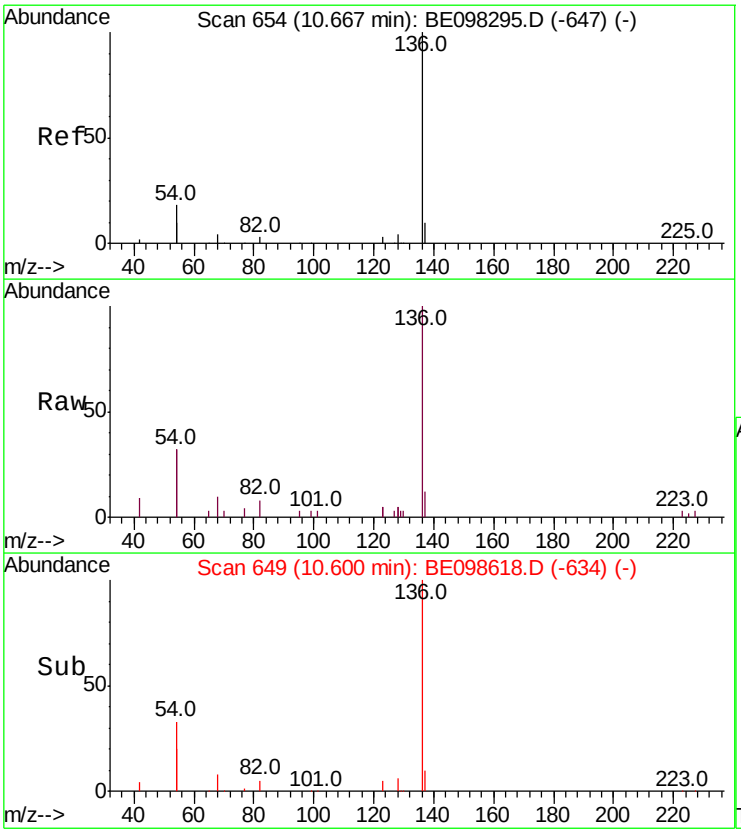

#5
Phenol-d6
Concen: 0.110 ng
RT: 7.01 min Scan# 360
Delta R.T. 0.02 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion: 99 Resp: 354

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 39.8 | 26.3 | 39.5# |
| 71 | 47.2 | 33.6 | 50.4 |



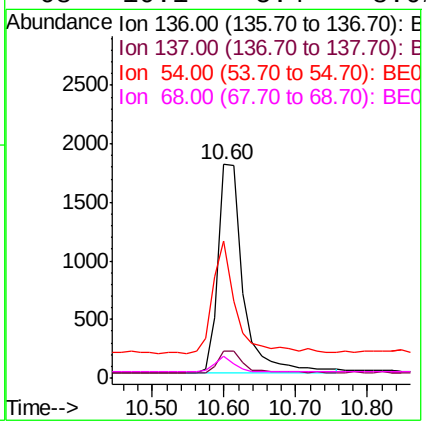

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

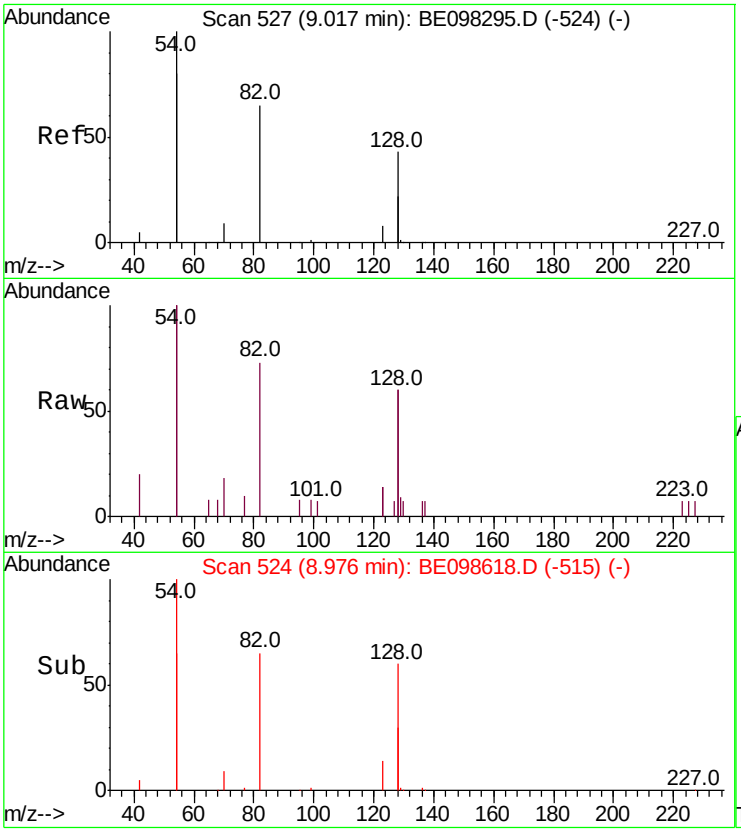



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.60 min Scan# 649
Delta R.T. -0.01 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion:136 Resp: 4342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.5 | 9.2 | 13.8 |
| 54 | 64.1 | 28.4 | 42.6# |
| 68 | 10.1 | 5.4 | 8.0# |



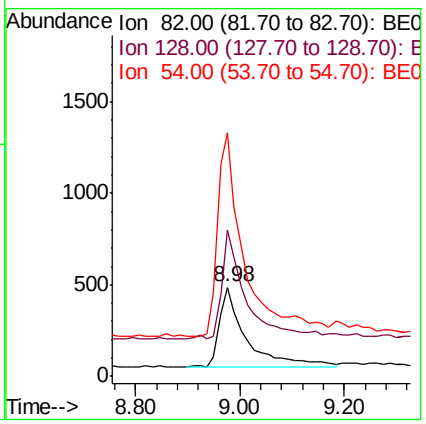


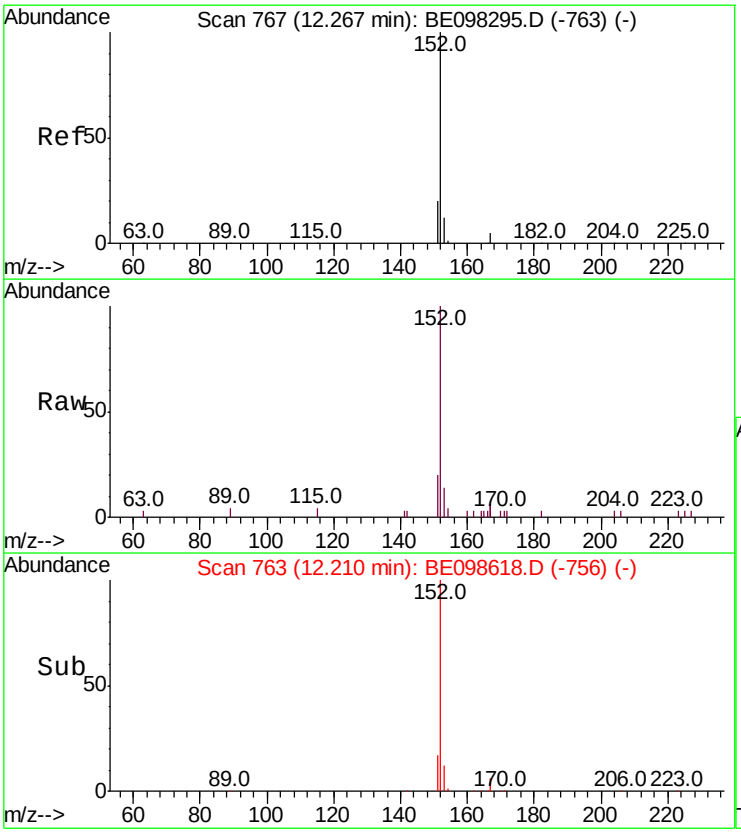

#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.02 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

Tgt Ion: 82 Resp: 1605

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 163.5 | 102.4 | 153.6# |
| 54 | 272.5 | 221.8 | 332.8 |

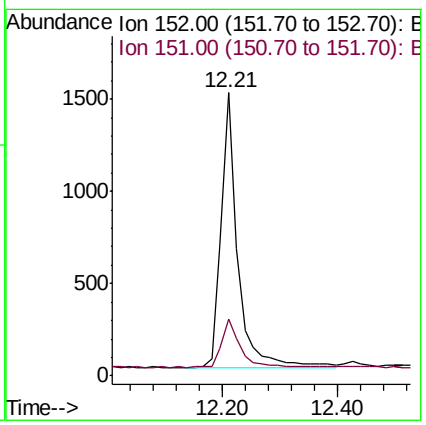


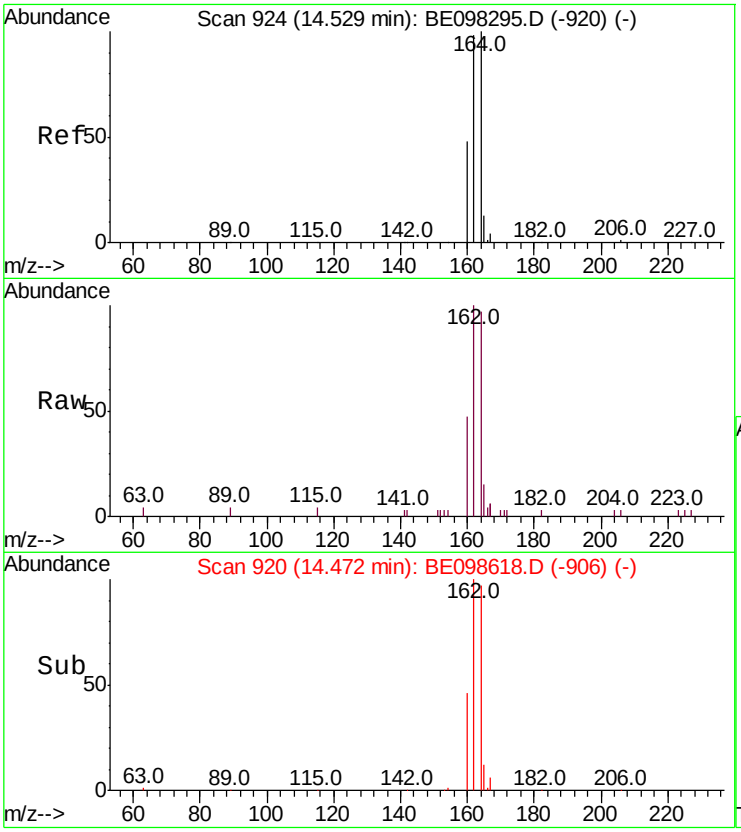




#11
2-Methylnaphthalene-d10
Concen: 0.420 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.00 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion:152 Resp: 2968

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 20.3 | 16.2 | 24.4 |



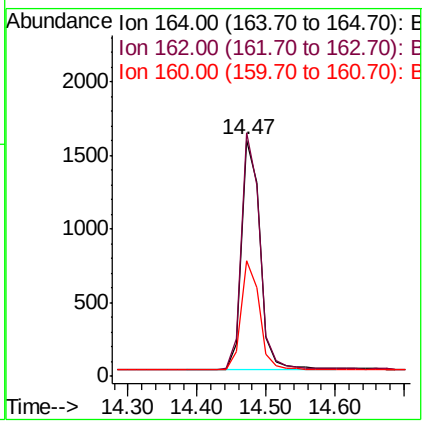


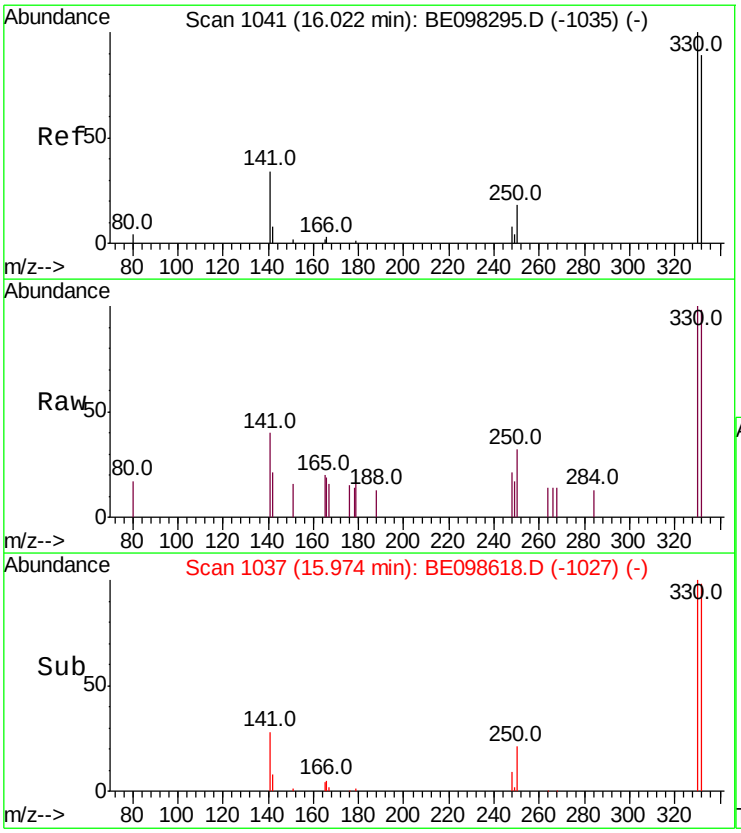

#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.00 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

Tgt Ion:164 Resp: 2909

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.2 | 77.6 | 116.4 |
| 160 | 48.9 | 36.0 | 54.0 |

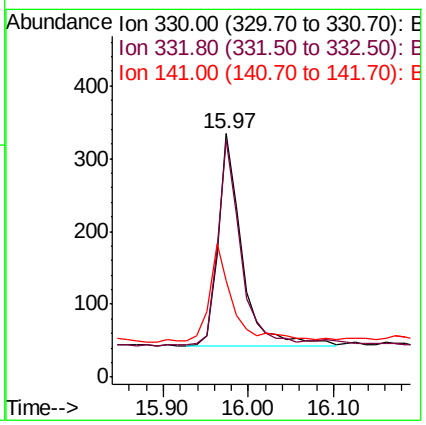


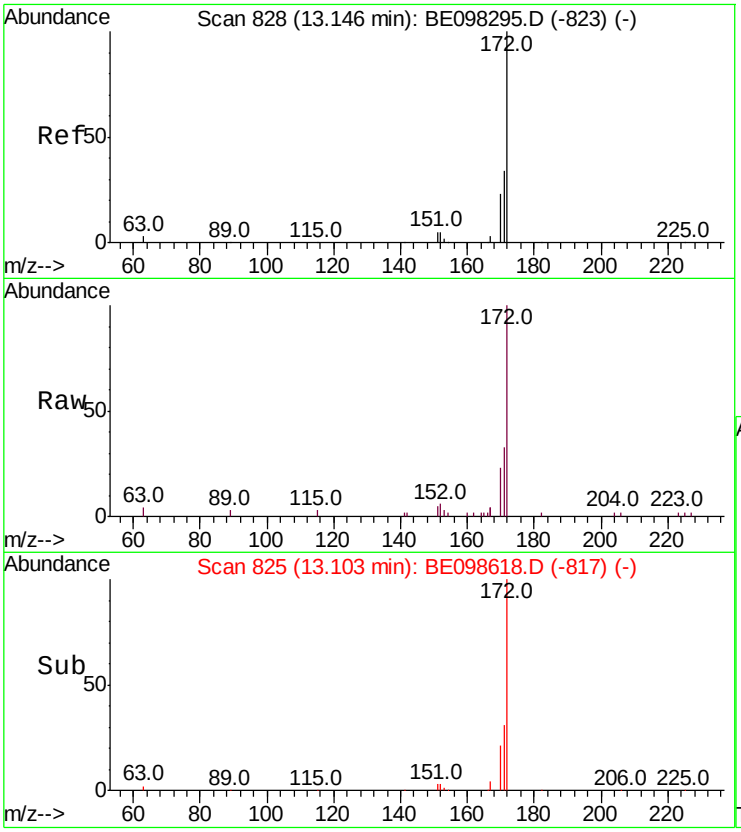




#14
2,4,6-Tribromophenol
Concen: 0.522 ng
RT: 15.97 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion:330 Resp: 558

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 96.4 | 76.2 | 114.4 |
| 141 | 49.8 | 39.0 | 58.4 |



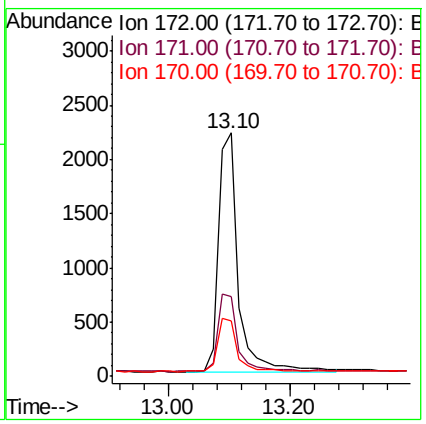


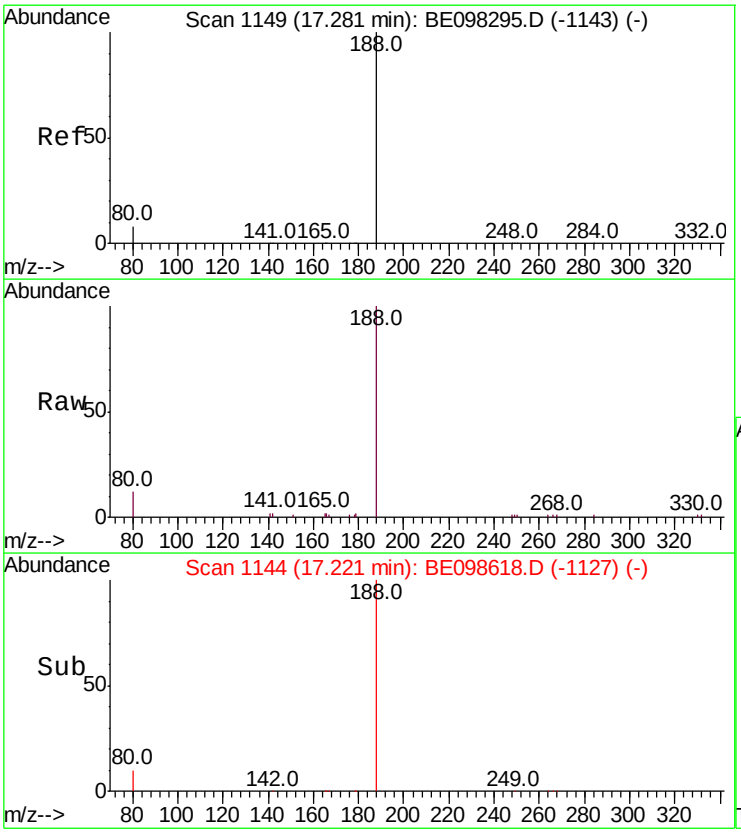

#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.02 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

Tgt Ion:172 Resp: 4975

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 32.6 | 27.5 | 41.3 |
| 170 | 22.9 | 19.6 | 29.4 |

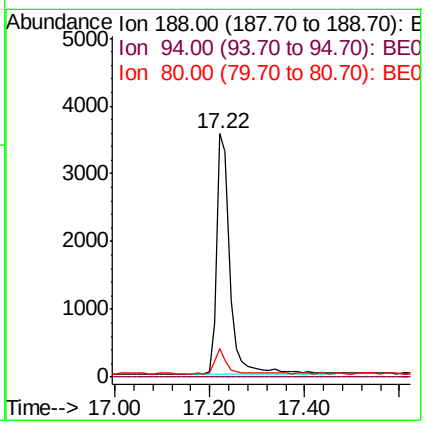


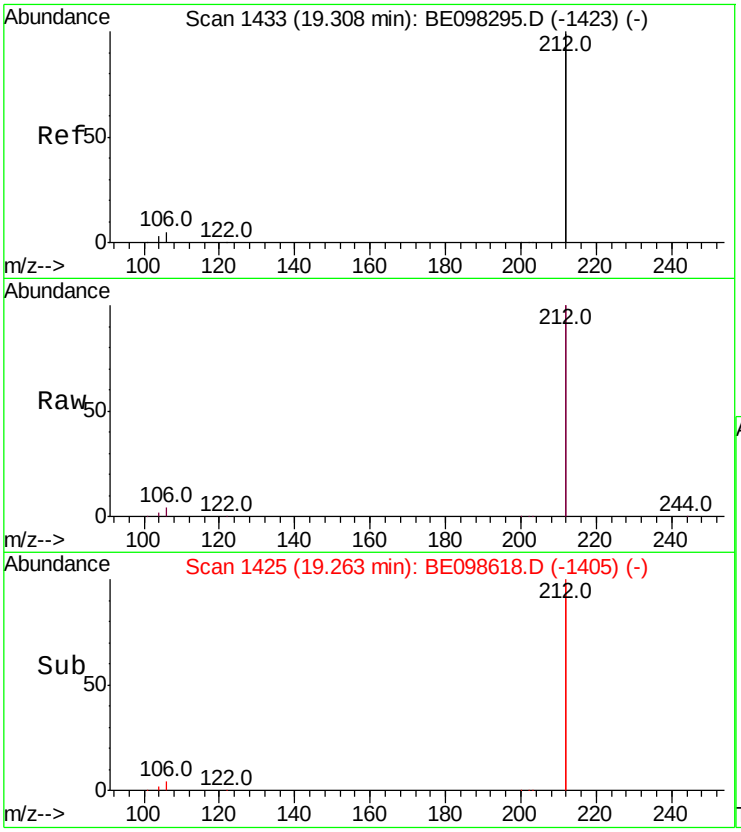




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion:188 Resp: 7031

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 11.9 | 7.2 | 10.8# |



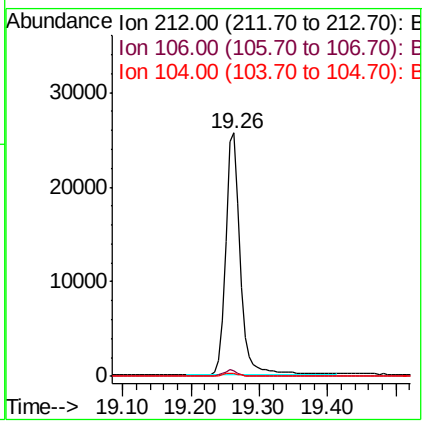


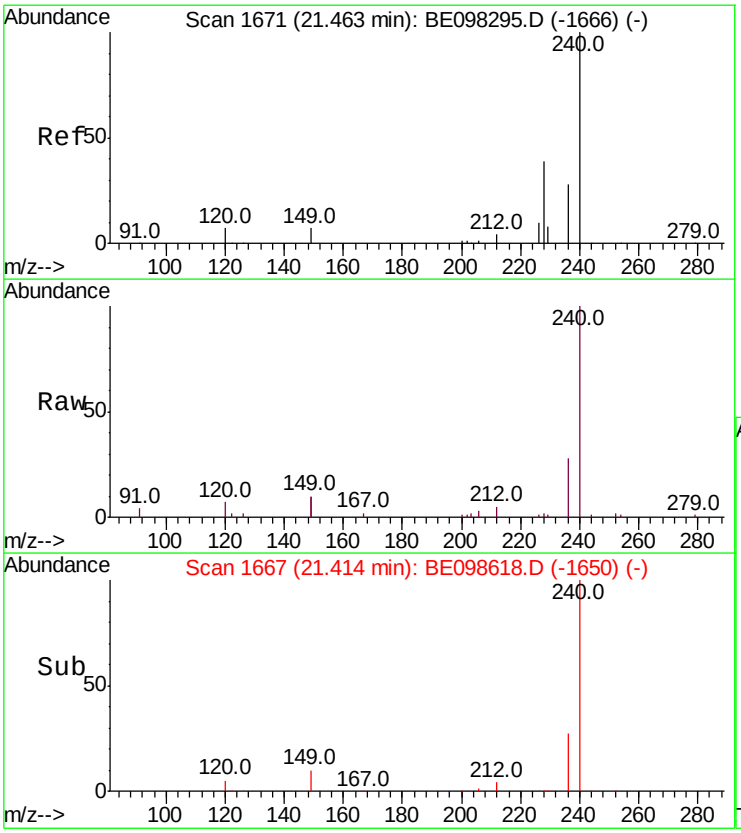

#25
Fluoranthene-d10
Concen: 0.425 ng
RT: 19.26 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

Tgt Ion:212 Resp: 38291

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.2 | 2.2 | 3.2 |
| 104 | 1.3 | 1.3 | 1.9# |

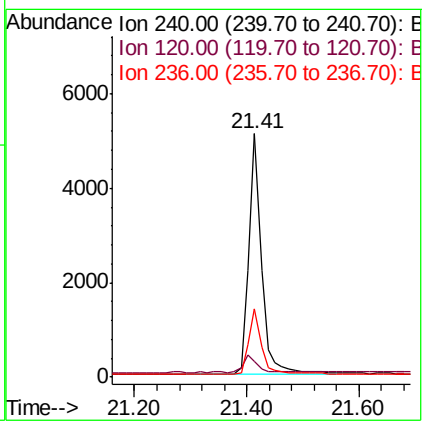


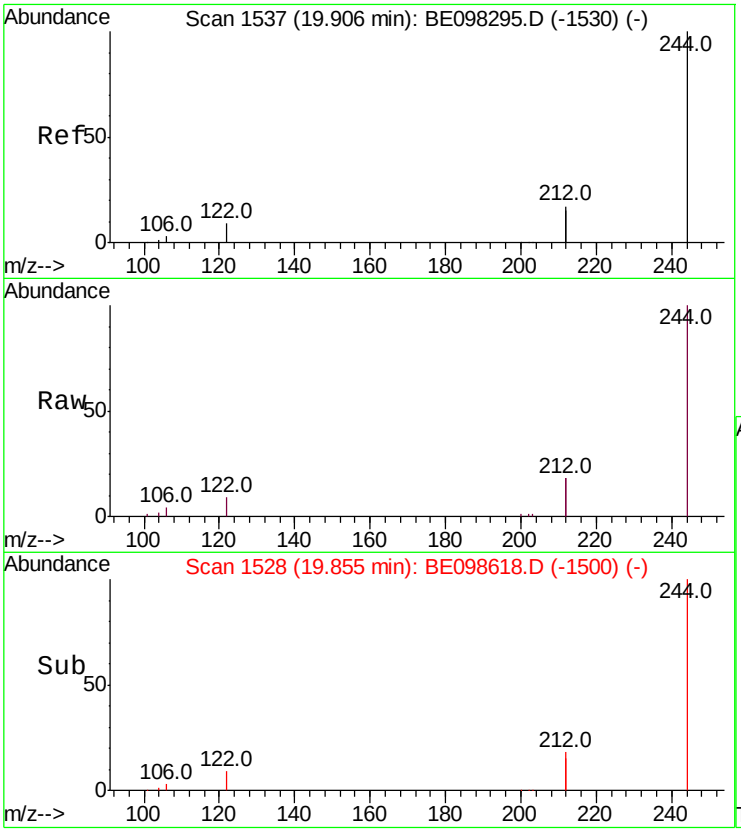




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1667
Delta R.T. 0.01 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion:240 Resp: 8116

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 6.6 | 9.5 | 14.3# |
| 236 | 27.8 | 22.7 | 34.1 |



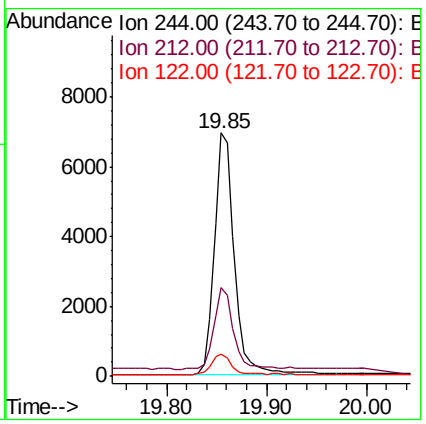


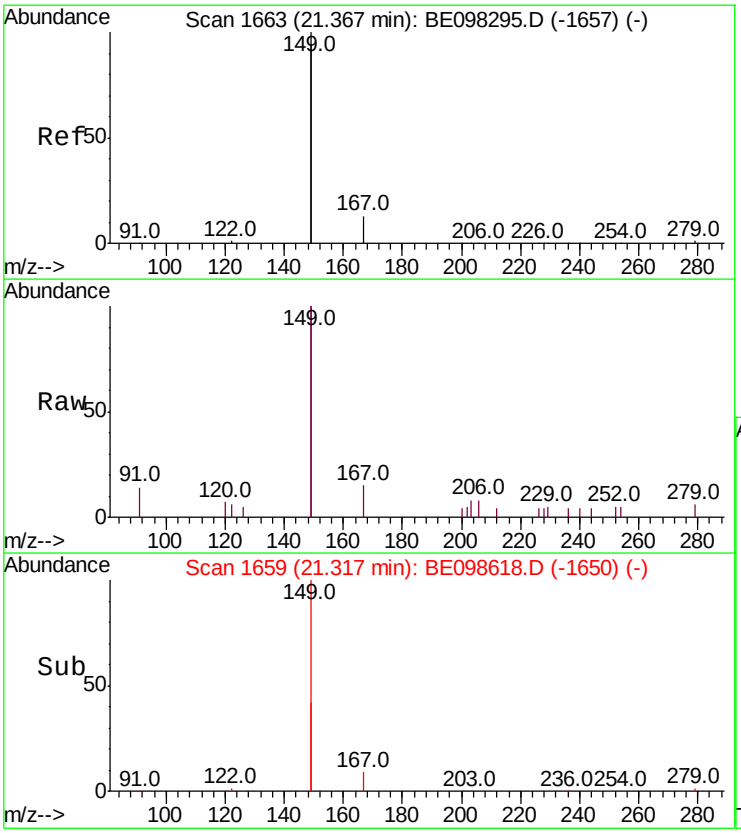

#29
Terphenyl-d14
Concen: 0.487 ng
RT: 19.85 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

Tgt Ion:244 Resp: 9602

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 36.3 | 27.4 | 41.0 |
| 122 | 9.3 | 8.3 | 12.5 |

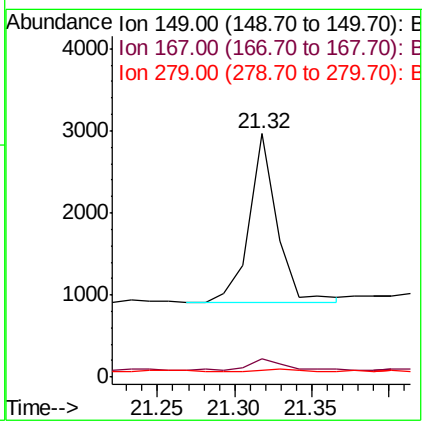


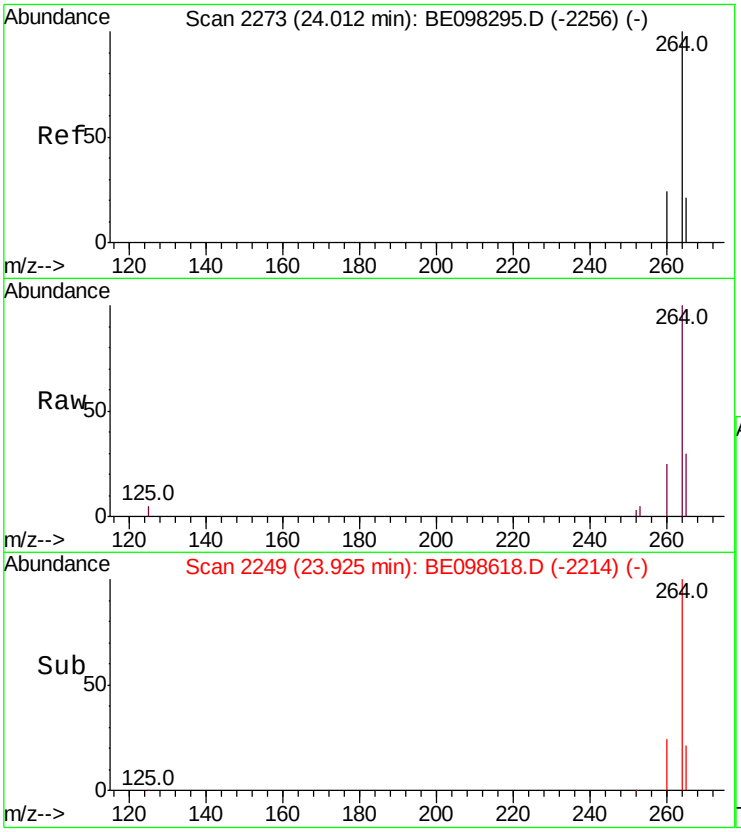




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.055 ng
RT: 21.32 min Scan# 1659
Delta R.T. 0.01 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

Tgt Ion:149 Resp: 2574

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 8.7 | 5.7 | 8.5# |
| 279 | 1.6 | 1.0 | 1.4# |






#34
Perylene-d12
Concen: 0.400 ng
RT: 23.93 min Scan# 2249
Delta R.T. -0.03 min
Lab File: BE098618.D
Acq: 4 Jan 2019 16:49

**Instrument :**
BNA_E
**ClientSampleId :**
OUTFALL001-190102

Tgt Ion:264 Resp: 7887

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.0 | 20.2 | 30.2 |
| 265 | 30.0 | 25.2 | 37.8 |