Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE020419\
Data File : BE098706.D
Acq On : 4 Feb 2019 13:44
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** SSTDCCC0.4EC

Quant Time: Feb 04 14:35:47 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 | 915 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.601 | 136 | 4058 | 0.40 | ng | # 0.00 |
| 13) Acenaphthene-d10 | 14.470 | 164 | 2703 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.228 | 188 | 6467 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.403 | 240 | 7068 | 0.40 | ng | #-0.01 |
| 34) Perylene-d12 | 23.922 | 264 | 6881 | 0.40 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) 2-Fluorophenol | 5.397 | 112 | 915 | 0.34 | ng | 0.00 |
| 5) Phenol-d6 | 6.998 | 99 | 1417 | 0.36 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.977 | 82 | 1526 | 0.39 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.208 | 152 | 3043 | 0.39 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.969 | 330 | 505 | 0.42 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.101 | 172 | 4473 | 0.39 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.253 | 212 | 35405 | 0.38 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.857 | 244 | 6811 | 0.39 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.313 | 88 | 599 | 0.34 | ng | 93 |
| 3) n-Nitrosodimethylamine | 3.658 | 42 | 737 | 0.35 | ng | # 95 |
| 6) bis(2-Chloroethyl)ether | 7.240 | 93 | 828 | 0.31 | ng | # 82 |
| 9) Naphthalene | 10.653 | 128 | 18427 | 0.40 | ng | 99 |
| 10) Hexachlorobutadiene | 10.925 | 225 | 1192 | 0.38 | ng | 94 |
| 12) 2-Methylnaphthalene | 12.280 | 142 | 2944 | 0.38 | ng | 95 |
| 16) Acenaphthylene | 14.196 | 152 | 5383 | 0.39 | ng | 98 |
| 17) Acenaphthene | 14.528 | 154 | 3159 | 0.39 | ng | 99 |
| 18) Fluorene | 15.514 | 166 | 4352 | 0.39 | ng | 99 |
| 20) 4-Bromophenyl-phenylether | 16.411 | 248 | 1485 | 0.39 | ng | 96 |
| 21) Hexachlorobenzene | 16.532 | 284 | 1770 | 0.39 | ng | 99 |
| 22) Pentachlorophenol | 16.893 | 266 | 404 | 0.35 | ng | 96 |
| 23) Phenanthrene | 17.268 | 178 | 6900 | 0.39 | ng | 99 |
| 24) Anthracene | 17.362 | 178 | 5482 | 0.37 | ng | 98 |
| 26) Fluoranthene | 19.288 | 202 | 8884 | 0.39 | ng | 99 |
| 28) Pyrene | 19.650 | 202 | 8942 | 0.40 | ng | 100 |
| 30) Benzo(a)anthracene | 21.391 | 228 | 7844 | 0.37 | ng | 99 |
| 31) Chrysene | 21.452 | 228 | 9377 | 0.41 | ng | 99 |
| 32) Bis(2-ethylhexyl)phtha... | 21.307 | 149 | 14747 | 0.37 | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.566 | 276 | 9544 | 0.39 | ng | # 89 |
| 35) Benzo(b)fluoranthene | 23.149 | 252 | 8477 | 0.38 | ng | 98 |
| 36) Benzo(k)fluoranthene | 23.199 | 252 | 8837 | 0.37 | ng | 99 |
| 37) Benzo(a)pyrene | 23.805 | 252 | 8368 | 0.39 | ng | 97 |
| 38) Dibenzo(a,h)anthracene | 26.591 | 278 | 7378 | 0.37 | ng | 99 |
| 39) Benzo(g,h,i)perylene | 27.375 | 276 | 8087 | 0.37 | ng | 98 |

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

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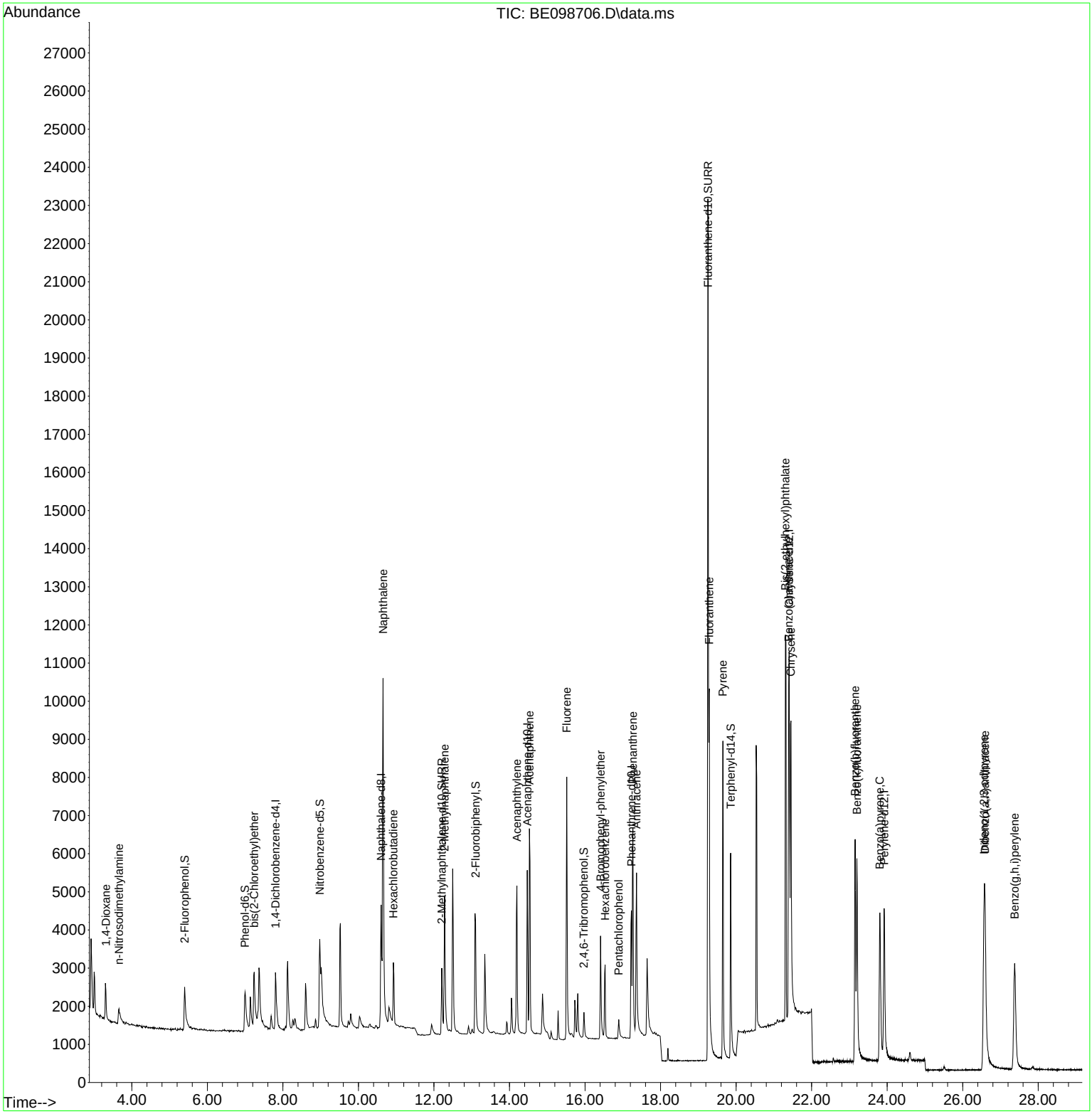
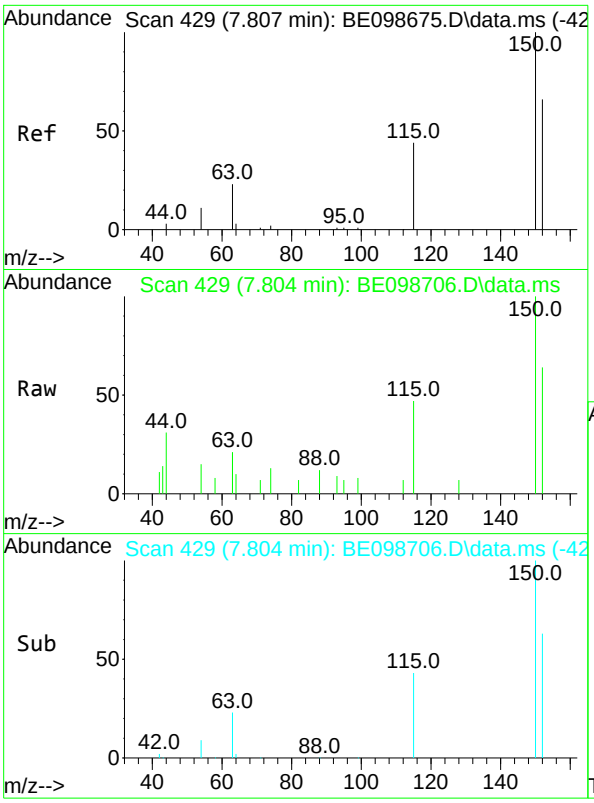
Data File : BE098706.D
Acq On : 4 Feb 2019 13:44
Operator : JU/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

Quant Time: Feb 04 14:35:47 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



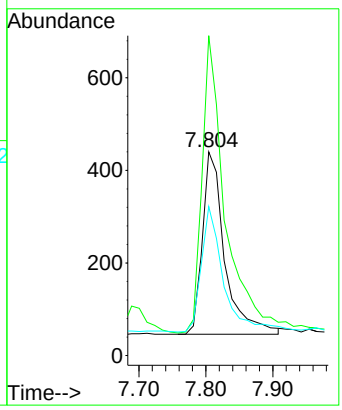
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

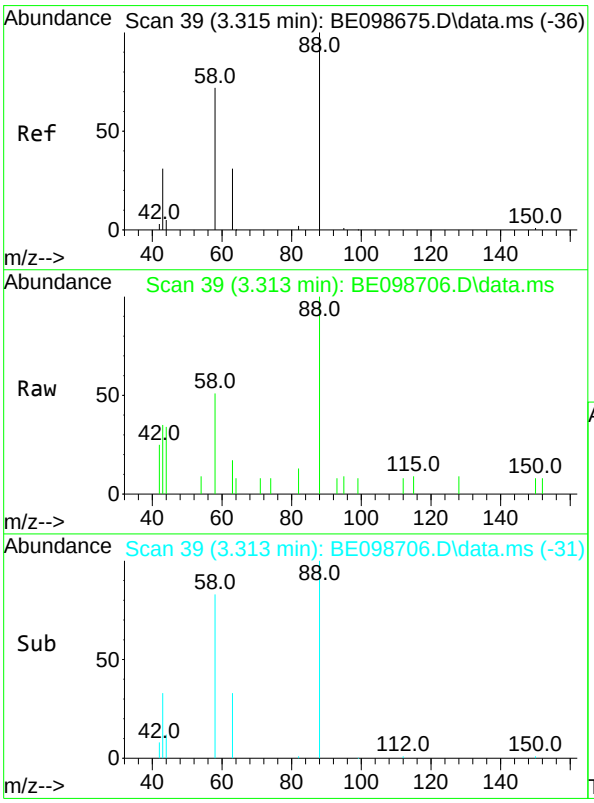



#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.804 min Scan# 429
Delta R.T. -0.003 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:152 Resp: 915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 157.0 | 121.4 | 182.2 |
| 115 | 73.2 | 59.1 | 88.7 |

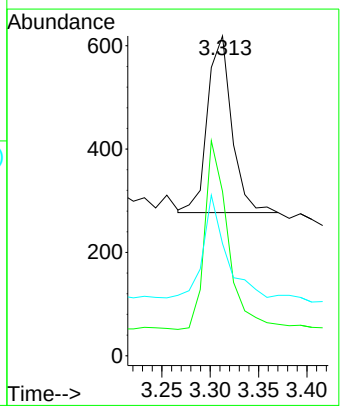


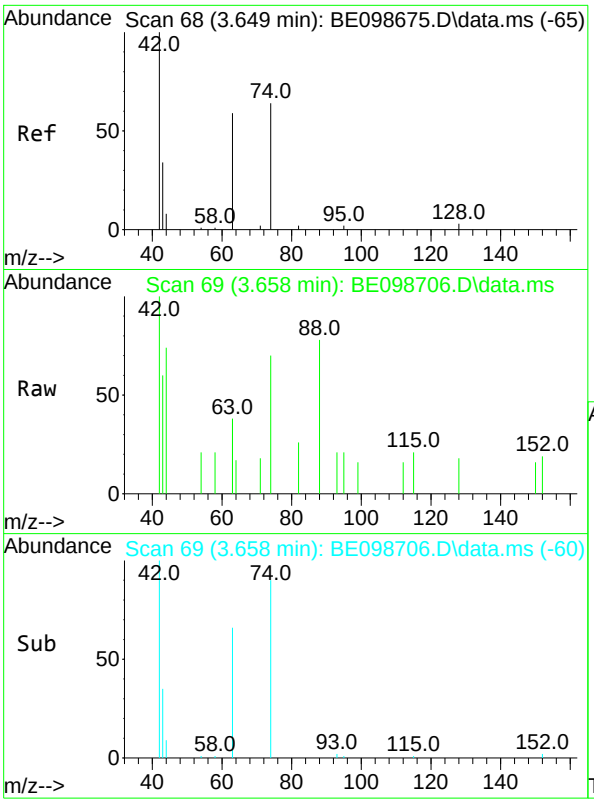

#2
1,4-Dioxane
Concen: 0.34 ng
RT: 3.313 min Scan# 39
Delta R.T. -0.002 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion: 88 Resp: 599

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 102.2 | 73.9 | 110.9 |
| 43 | 54.3 | 43.7 | 65.5 |



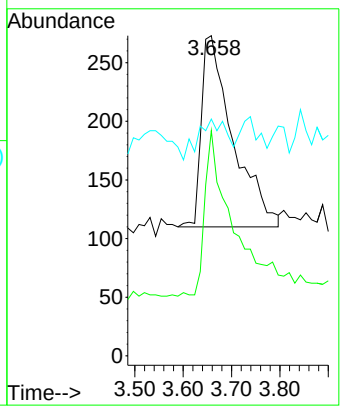
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

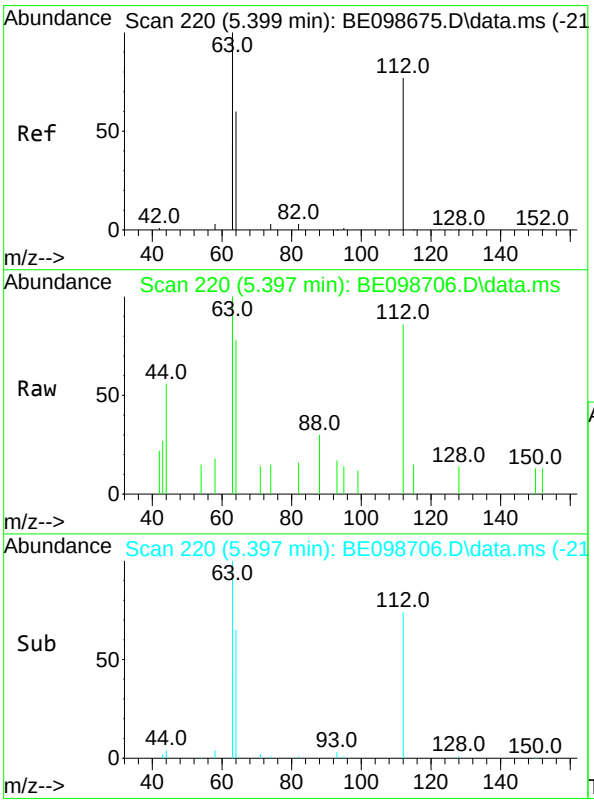



#3
n-Nitrosodimethylamine
Concen: 0.35 ng
RT: 3.658 min Scan# 69
Delta R.T. 0.009 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion: 42 Resp: 737

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 78.0 | 58.9 | 88.3 |
| 44 | 19.1 | 0.0 | 0.0# |

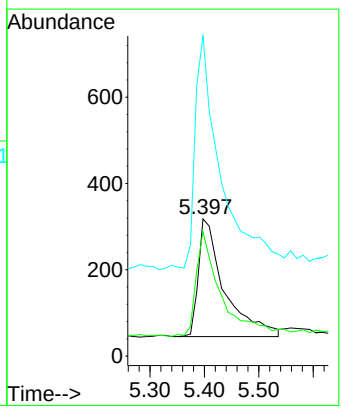


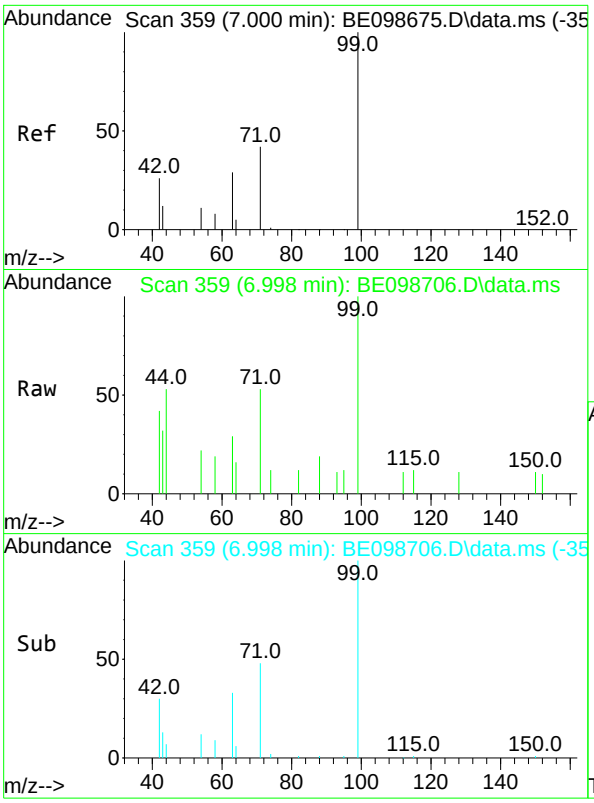

#4
2-Fluorophenol
Concen: 0.34 ng
RT: 5.397 min Scan# 220
Delta R.T. -0.002 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:112 Resp: 915

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 86.8 | 62.9 | 94.3 |
| 63 | 200.9 | 152.2 | 228.4 |



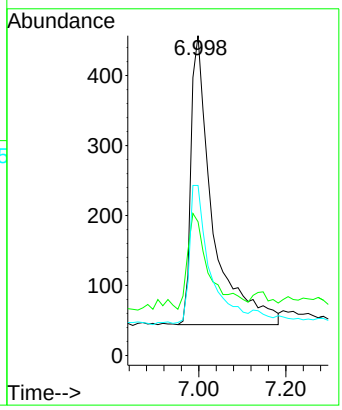
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

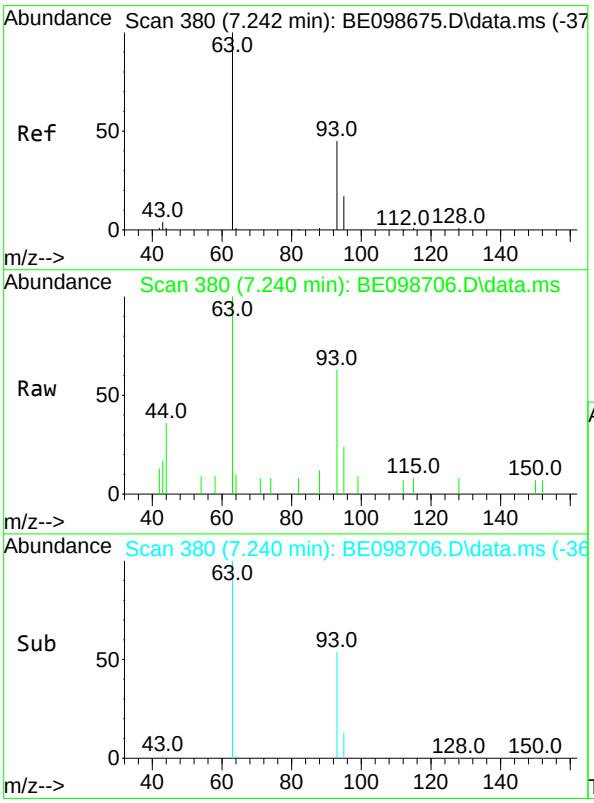



#5
Phenol-d6
Concen: 0.36 ng
RT: 6.998 min Scan# 359
Delta R.T. -0.002 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion: 99 Resp: 1417

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 33.2 | 24.6 | 37.0 |
| 71 | 44.9 | 35.1 | 52.7 |

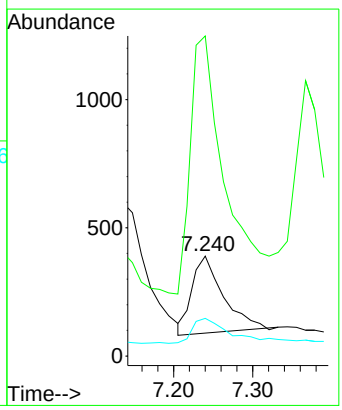


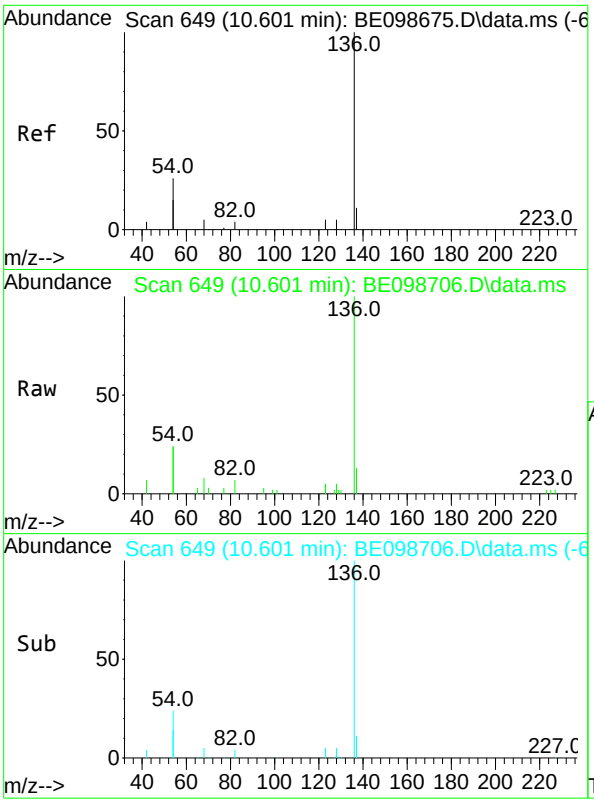

#6
bis(2-Chloroethyl)ether
Concen: 0.31 ng
RT: 7.240 min Scan# 380
Delta R.T. -0.002 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion: 93 Resp: 828

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 372.2 | 267.3 | 400.9 |
| 95 | 42.6 | 26.2 | 39.4# |



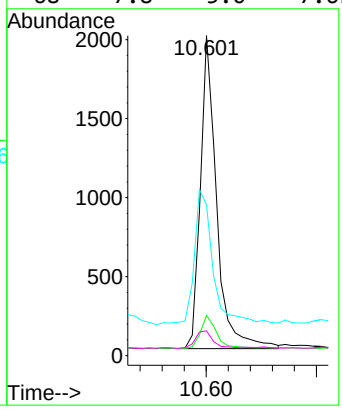
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

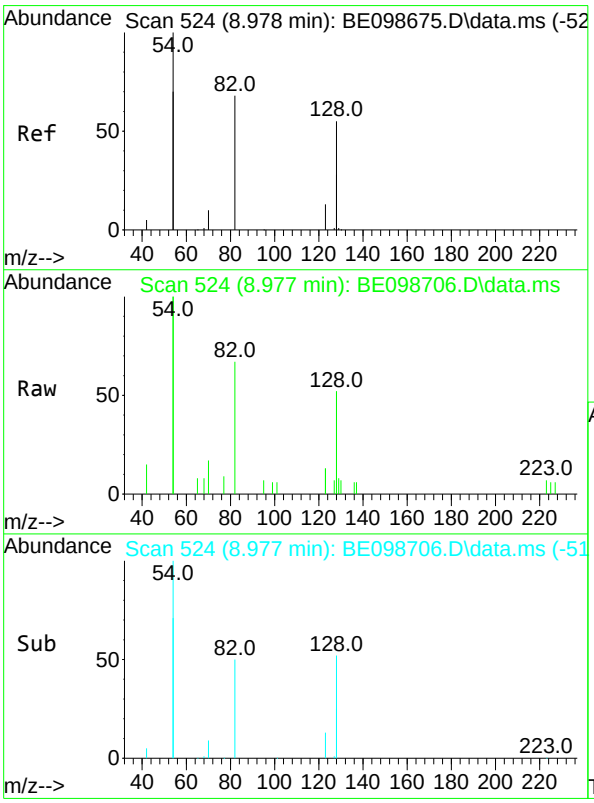



#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.601 min Scan# 649
Delta R.T. -0.000 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:136 Resp: 4058

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.6 | 9.7 | 14.5 |
| 54 | 47.1 | 35.5 | 53.3 |
| 68 | 7.8 | 5.0 | 7.6# |

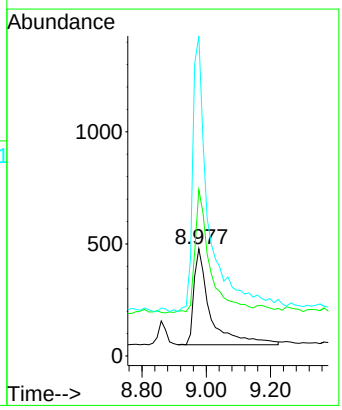


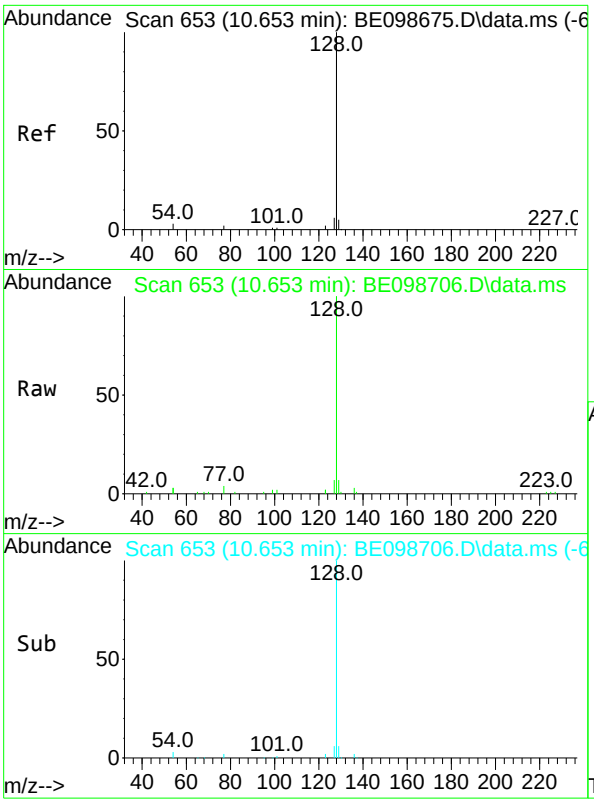




#8
Nitrobenzene-d5
Concen: 0.39 ng
RT: 8.977 min Scan# 524
Delta R.T. -0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion: 82 Resp: 1526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 155.2 | 96.5 | 144.7# |
| 54 | 298.7 | 224.7 | 337.1 |

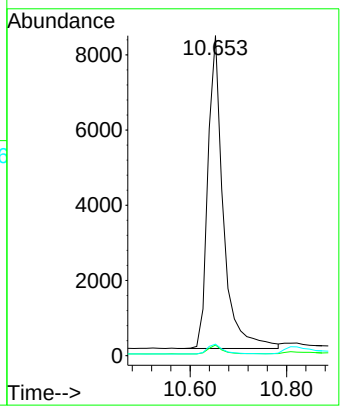




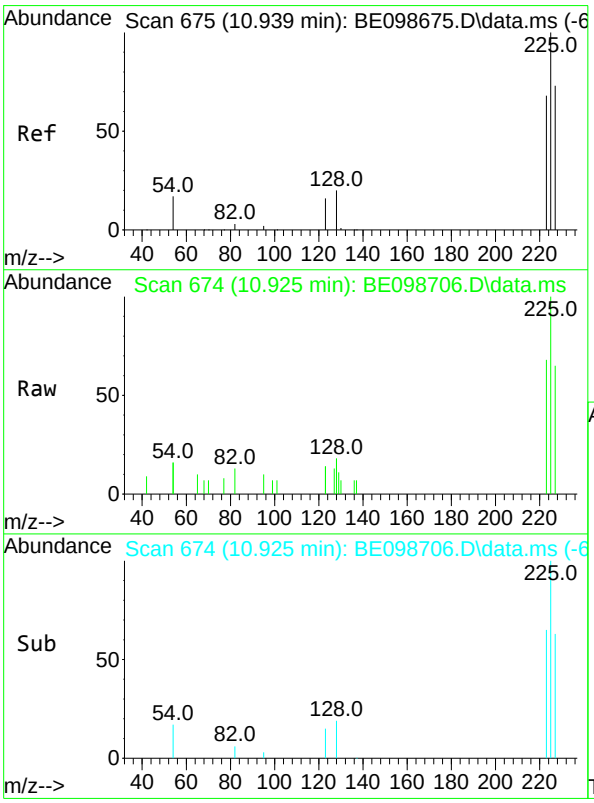

#9
Naphthalene
Concen: 0.40 ng
RT: 10.653 min Scan# 653
Delta R.T. -0.000 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:128 Resp: 18427

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 3.3 | 2.6 | 3.8 |
| 127 | 3.6 | 3.0 | 4.6 |



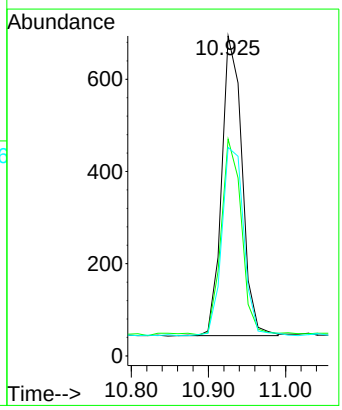

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC



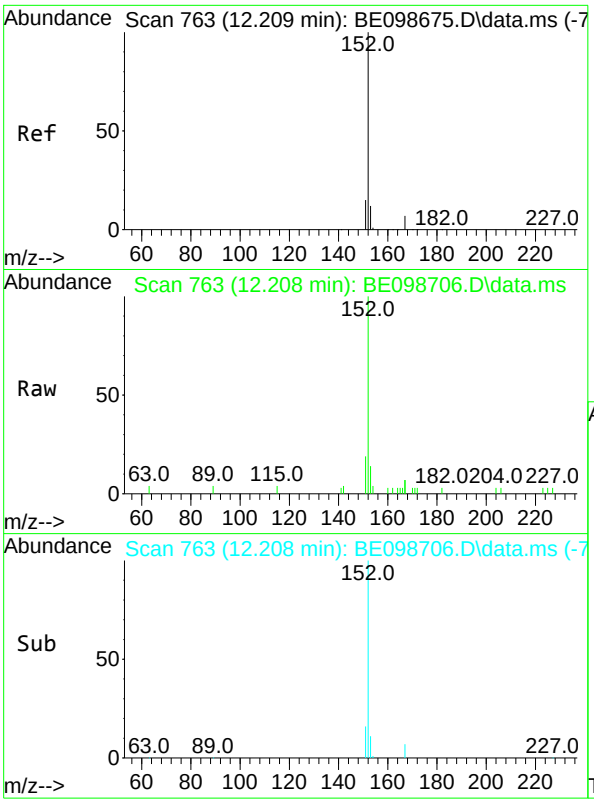

#10
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.925 min Scan# 674
Delta R.T. -0.014 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:225 Resp: 1192

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 64.8 | 47.8 | 71.8 |
| 227 | 67.6 | 50.5 | 75.7 |



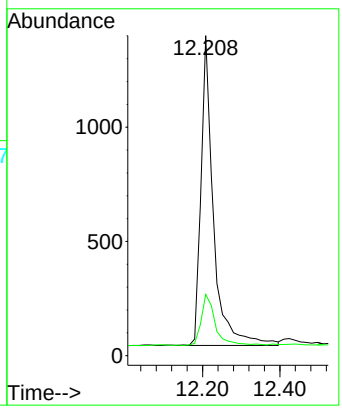
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

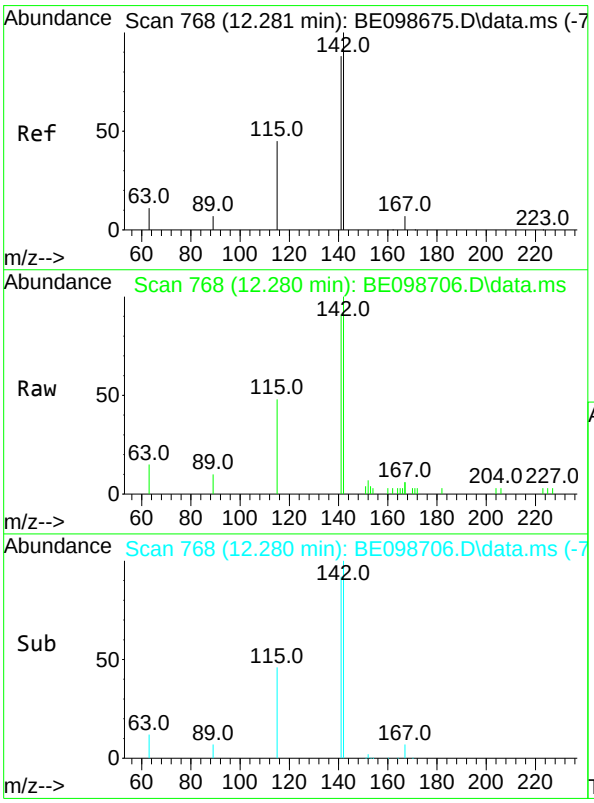



#11
2-Methylnaphthalene-d10
Concen: 0.39 ng
RT: 12.208 min Scan# 763
Delta R.T. -0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:152 Resp: 3043

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 18.5 | 16.2 | 24.4 |

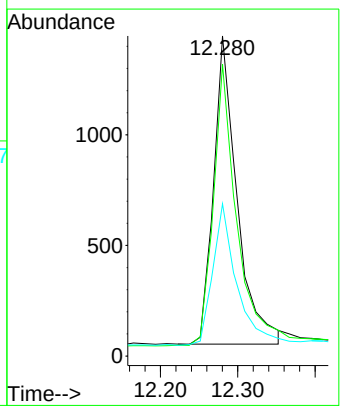


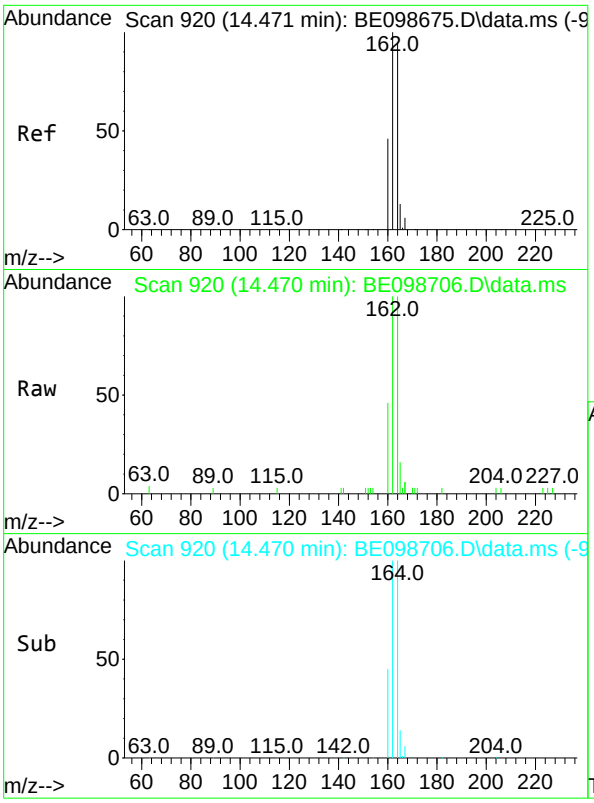

#12
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.280 min Scan# 768
Delta R.T. -0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:142 Resp: 2944

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 91.2 | 70.0 | 105.0 |
| 115 | 47.5 | 35.2 | 52.8 |



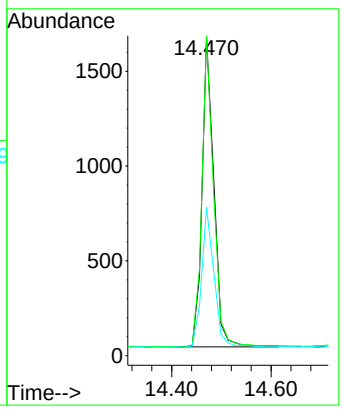
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

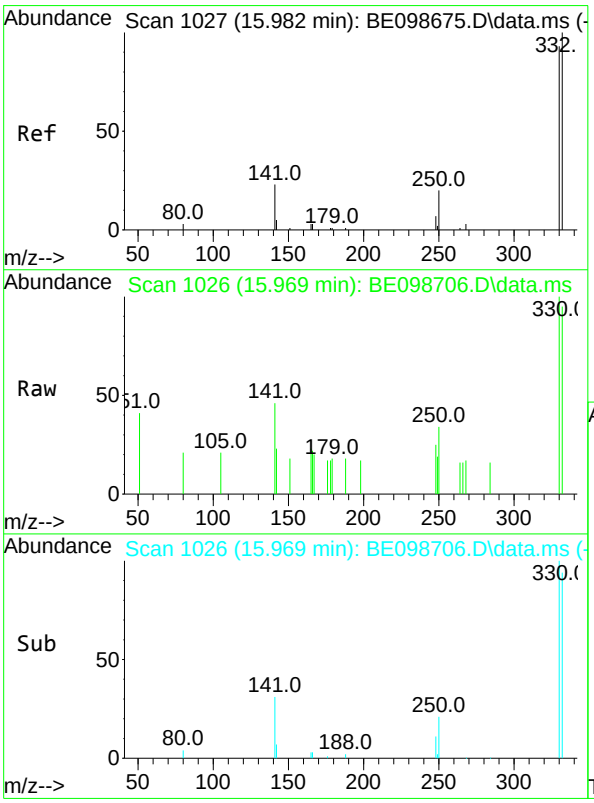



#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.470 min Scan# 920
Delta R.T. -0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:164 Resp: 2703

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.2 | 80.5 | 120.7 |
| 160 | 46.4 | 40.1 | 60.1 |

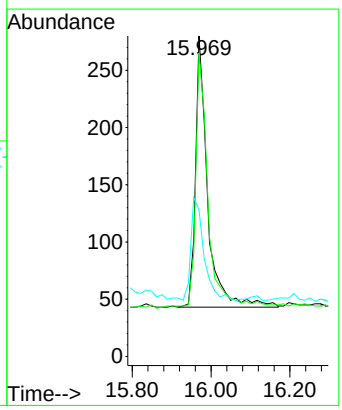


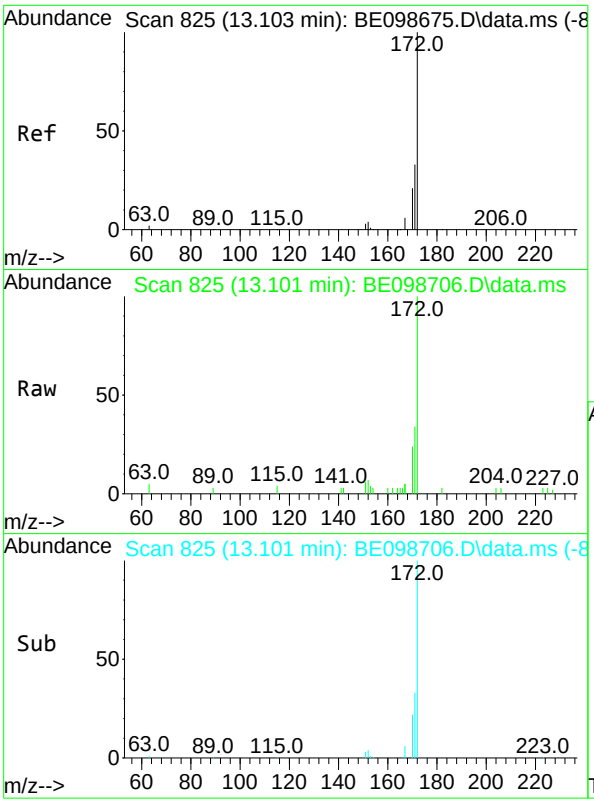

#14
2,4,6-Tribromophenol
Concen: 0.42 ng
RT: 15.969 min Scan# 1026
Delta R.T. -0.013 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:330 Resp: 505

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 91.7 | 73.3 | 109.9 |
| 141 | 40.6 | 33.1 | 49.7 |



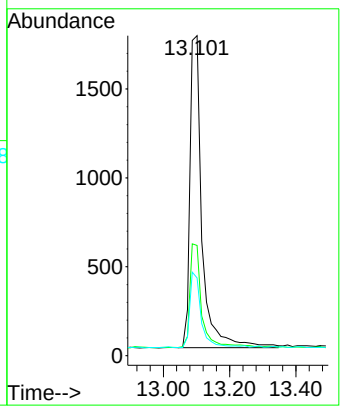
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

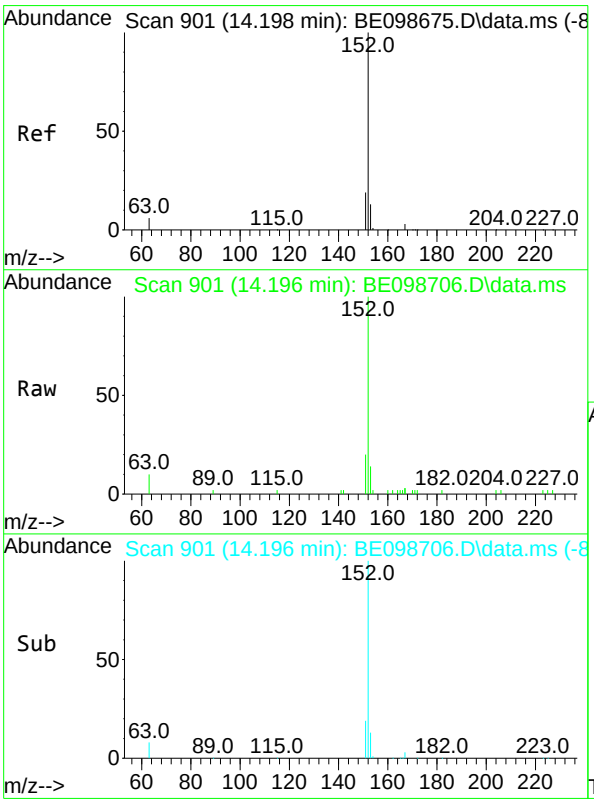



#15
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.101 min Scan# 825
Delta R.T. -0.002 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:172 Resp: 4473

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 34.4 | 29.0 | 43.4 |
| 170 | 24.3 | 20.8 | 31.2 |

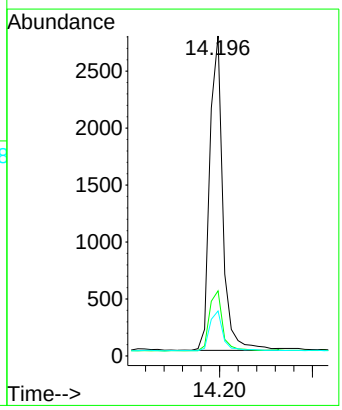


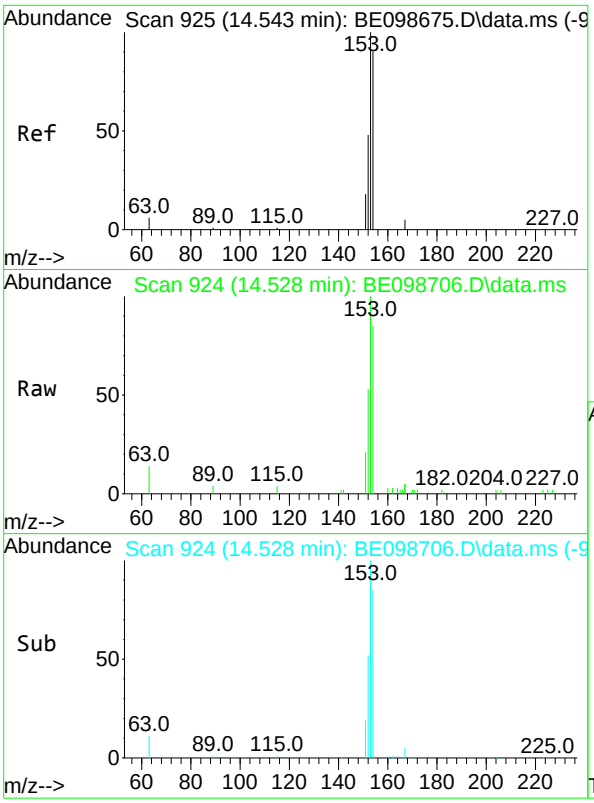

#16
Acenaphthylene
Concen: 0.39 ng
RT: 14.196 min Scan# 901
Delta R.T. -0.002 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:152 Resp: 5383

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.3 | 16.3 | 24.5 |
| 153 | 12.8 | 10.7 | 16.1 |



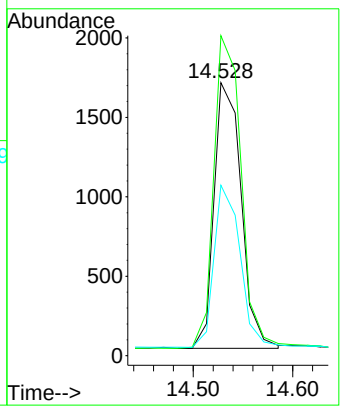
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

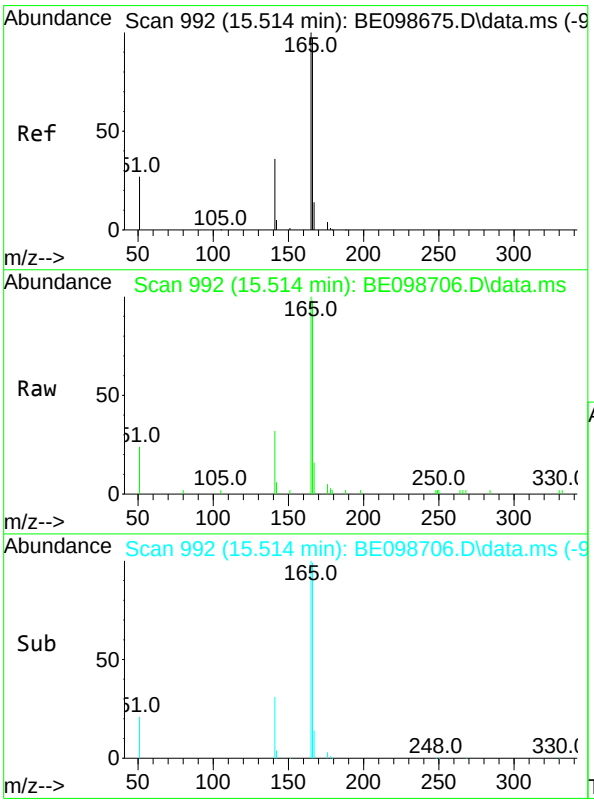



#17
Acenaphthene
Concen: 0.39 ng
RT: 14.528 min Scan# 924
Delta R.T. -0.015 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:154 Resp: 3159

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 118.7 | 93.9 | 140.9 |
| 152 | 58.6 | 45.8 | 68.8 |

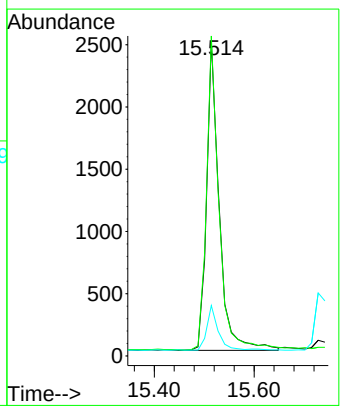


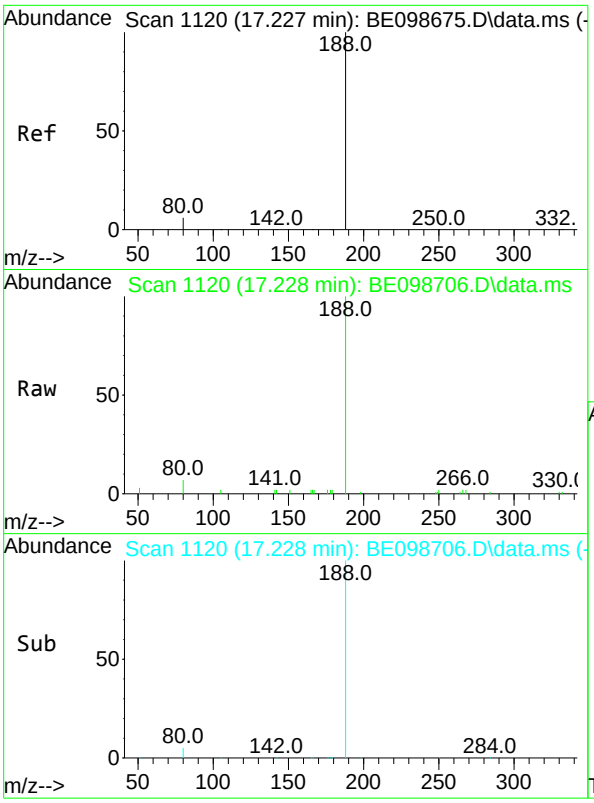

#18
Fluorene
Concen: 0.39 ng
RT: 15.514 min Scan# 992
Delta R.T. 0.000 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:166 Resp: 4352

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 100.5 | 79.3 | 118.9 |
| 167 | 13.4 | 10.6 | 15.8 |



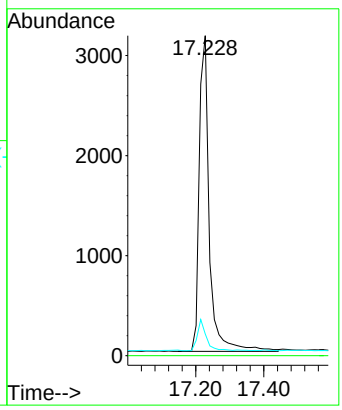
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

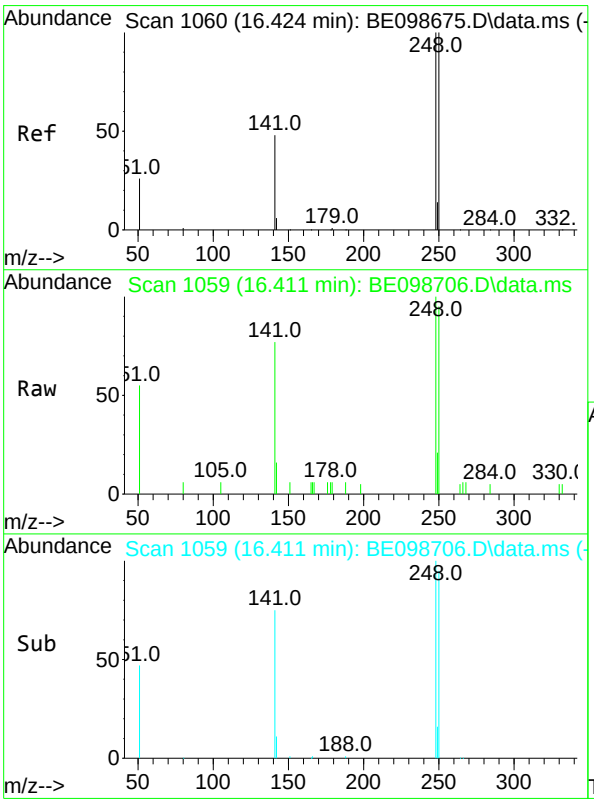



#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.228 min Scan# 1120
Delta R.T. 0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:188 Resp: 6467

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 6.8 | 4.7 | 7.1 |

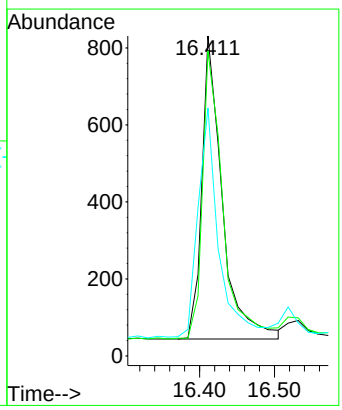


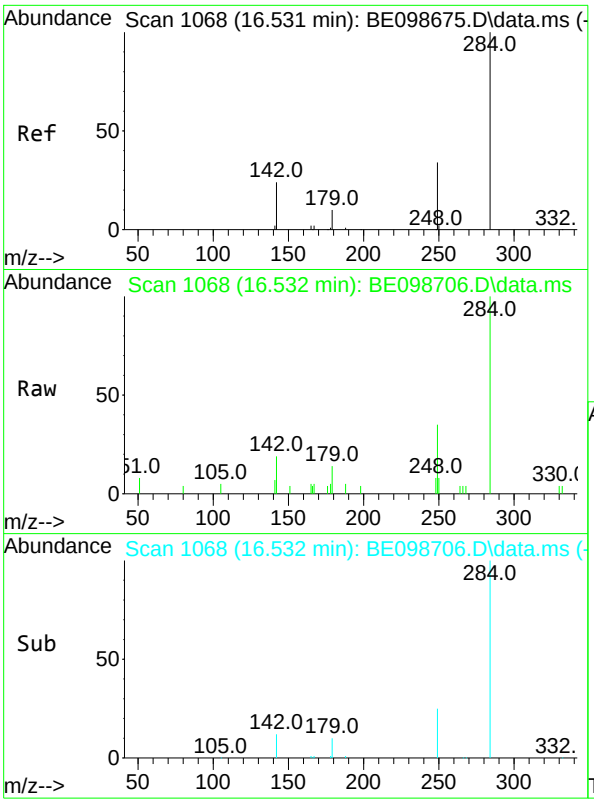

#20
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.411 min Scan# 1059
Delta R.T. -0.013 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:248 Resp: 1485

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 95.3 | 80.2 | 120.4 |
| 141 | 77.5 | 60.5 | 90.7 |



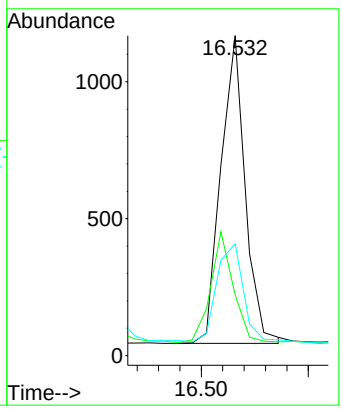
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

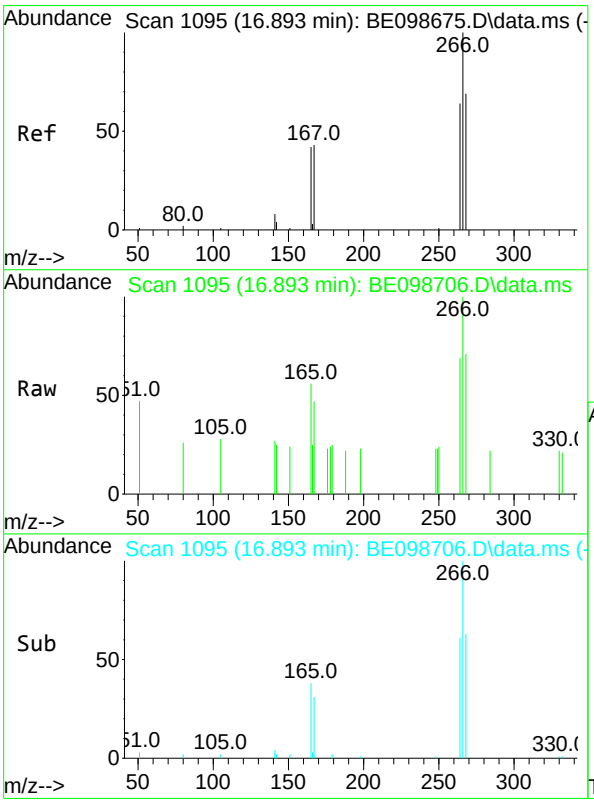



#21
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.532 min Scan# 1068
Delta R.T. 0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:284 Resp: 1770

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 33.5 | 25.5 | 38.3 |
| 249 | 33.1 | 26.6 | 39.8 |

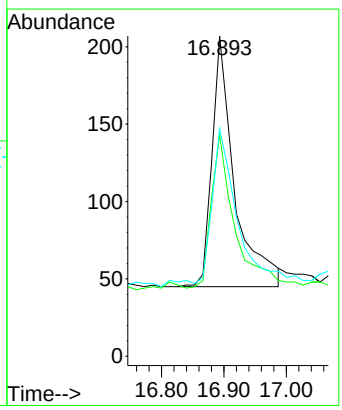


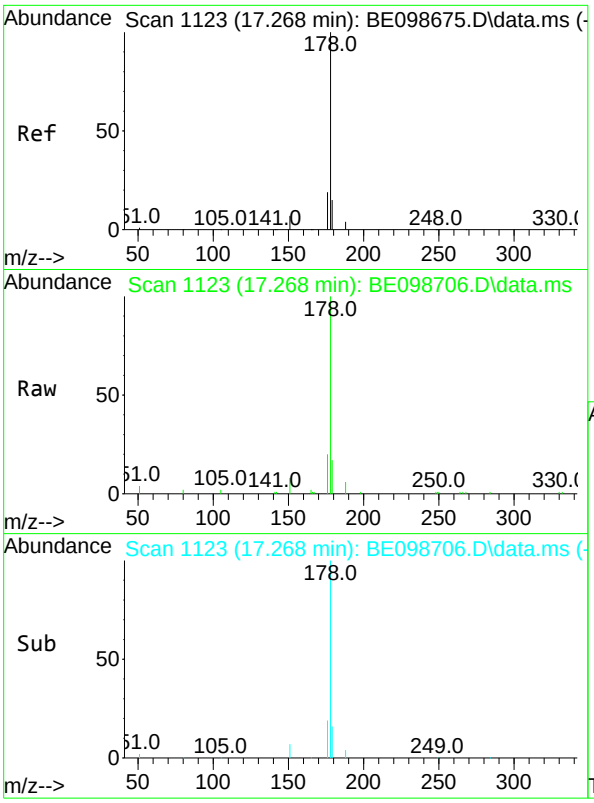

#22
Pentachlorophenol
Concen: 0.35 ng
RT: 16.893 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:266 Resp: 404

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 69.1 | 53.7 | 80.5 |
| 268 | 71.0 | 59.8 | 89.8 |



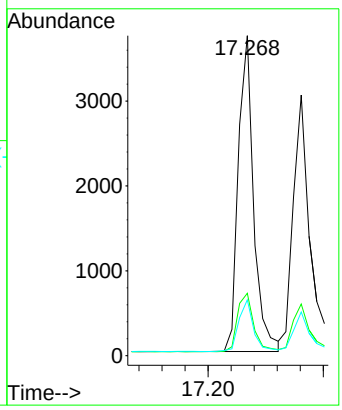
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

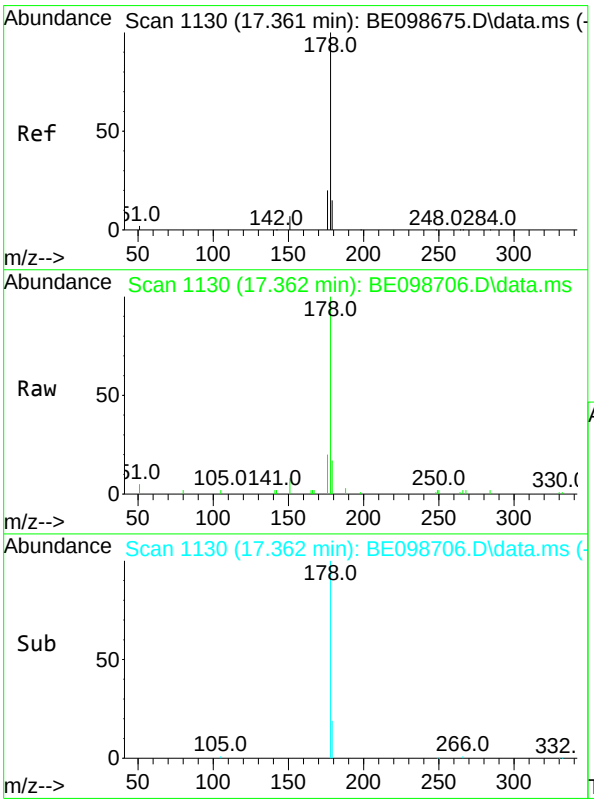



#23
Phenanthrene
Concen: 0.39 ng
RT: 17.268 min Scan# 1123
Delta R.T. -0.000 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:178 Resp: 6900

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.9 | 15.9 | 23.9 |
| 179 | 15.9 | 12.2 | 18.4 |

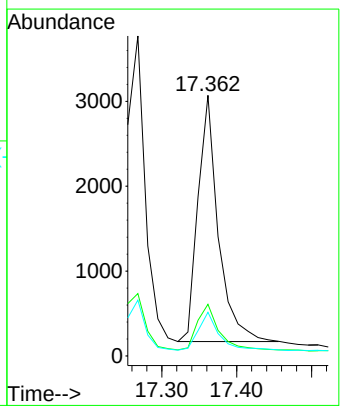


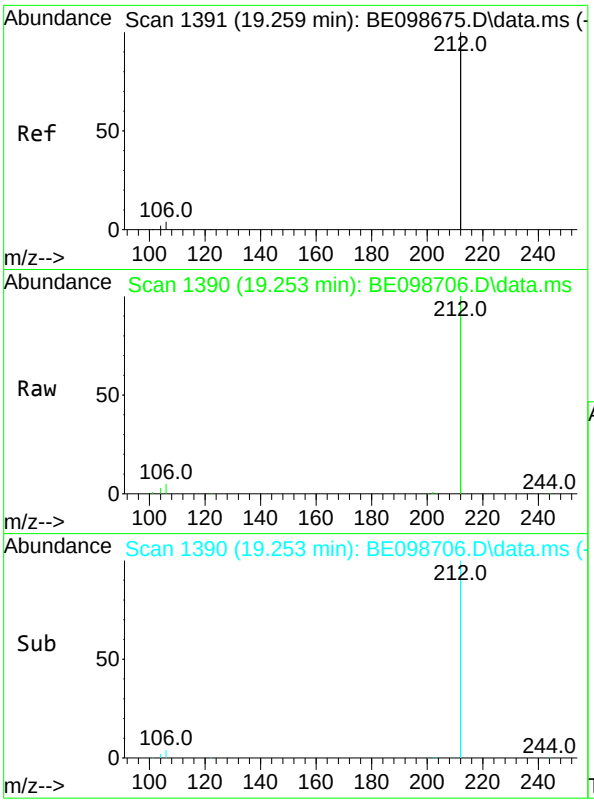

#24
Anthracene
Concen: 0.37 ng
RT: 17.362 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:178 Resp: 5482

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.6 | 14.9 | 22.3 |
| 179 | 15.5 | 11.8 | 17.8 |



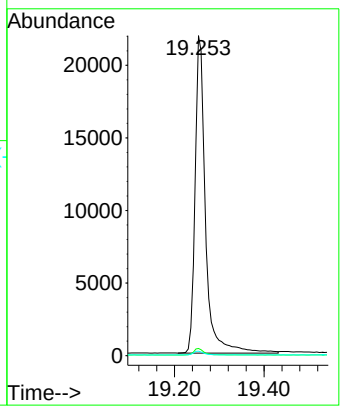
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

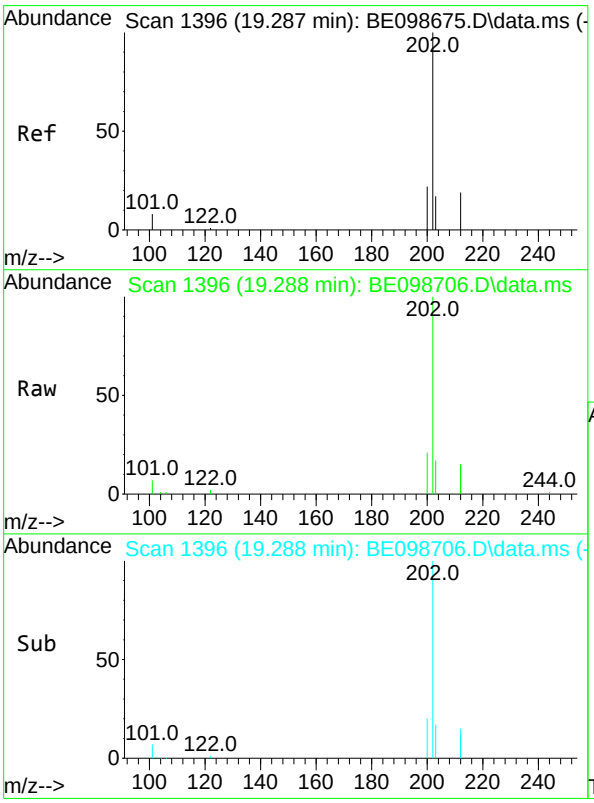



#25
Fluoranthene-d10
Concen: 0.38 ng
RT: 19.253 min Scan# 1390
Delta R.T. -0.006 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:212 Resp: 35405

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 2.0 | 1.7 | 2.5 |
| 104 | 1.2 | 1.0 | 1.6 |

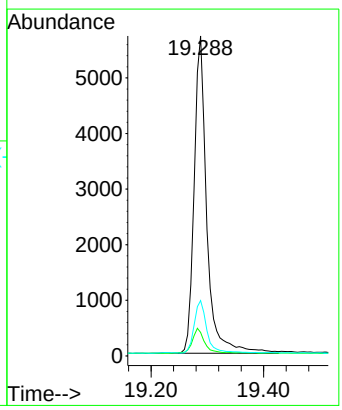


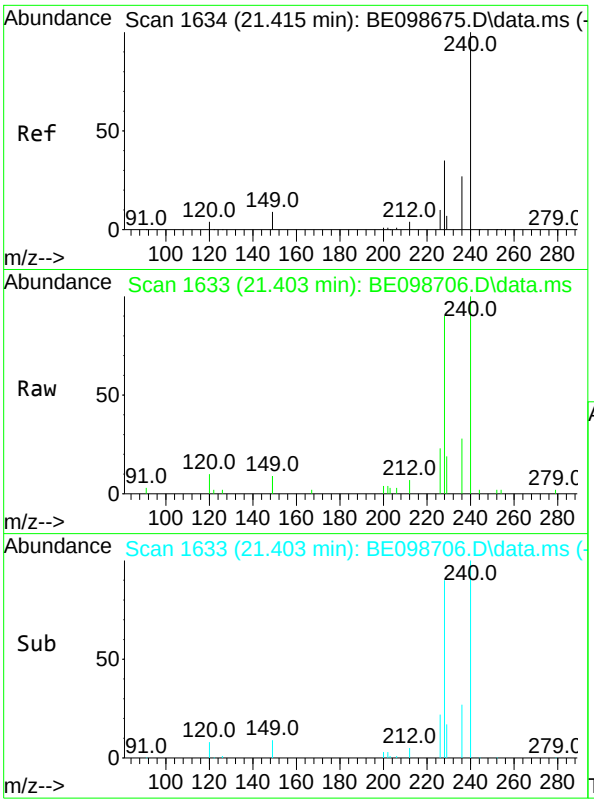

#26
Fluoranthene
Concen: 0.39 ng
RT: 19.288 min Scan# 1396
Delta R.T. 0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:202 Resp: 8884

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 7.8 | 6.7 | 10.1 |
| 203 | 16.7 | 13.3 | 19.9 |



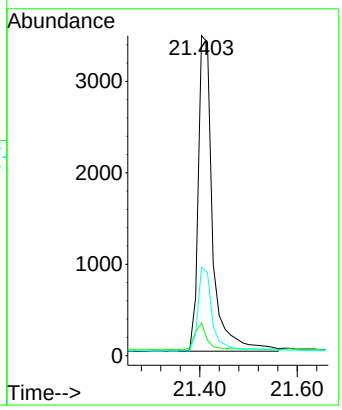
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

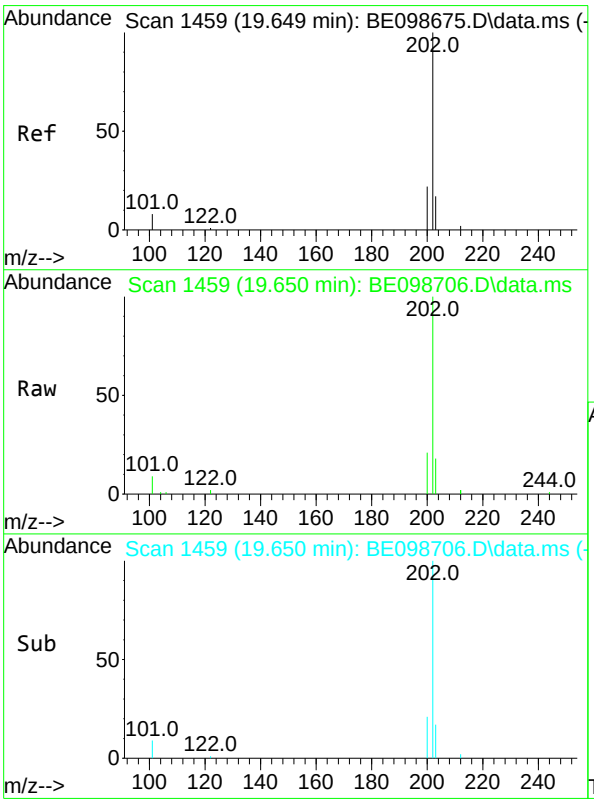



#27
Chrysene-d12
Concen: 0.40 ng
RT: 21.403 min Scan# 1633
Delta R.T. -0.012 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:240 Resp: 7068

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 10.2 | 4.7 | 7.1# |
| 236 | 27.6 | 21.9 | 32.9 |

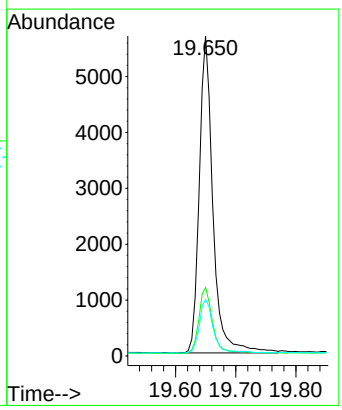


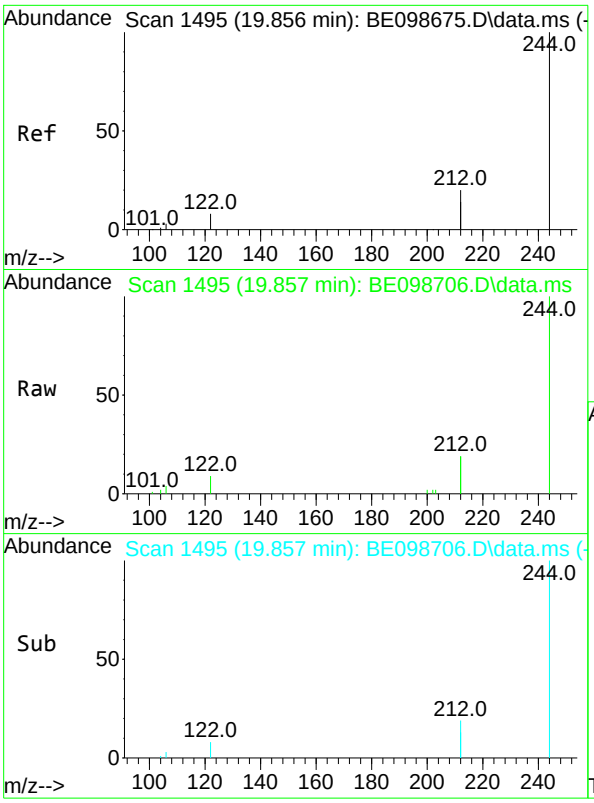

#28
Pyrene
Concen: 0.40 ng
RT: 19.650 min Scan# 1459
Delta R.T. 0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:202 Resp: 8942

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.9 | 17.0 | 25.6 |
| 203 | 17.3 | 13.8 | 20.8 |



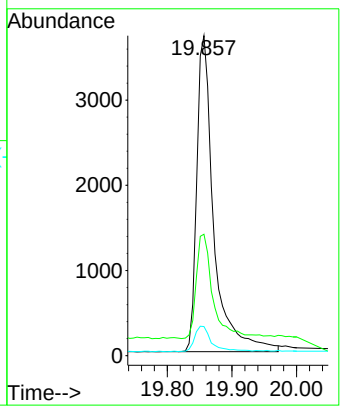
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

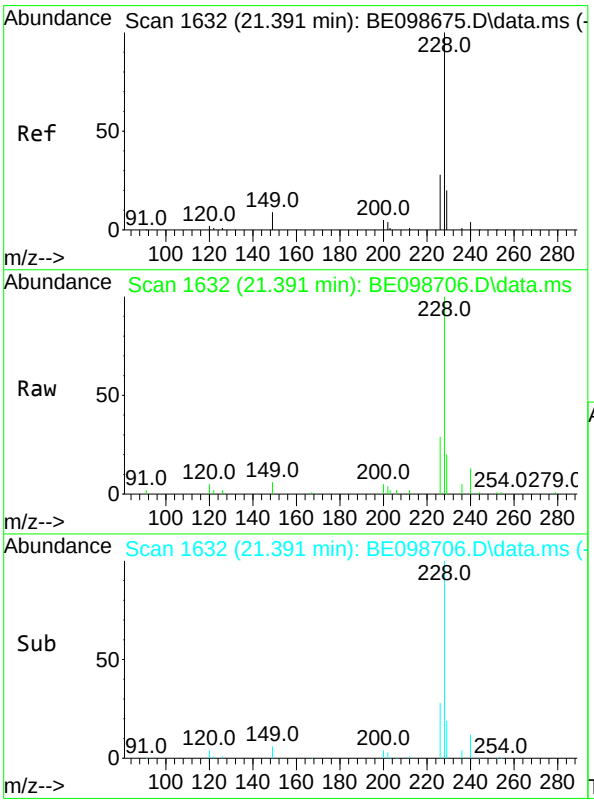



#29
Terphenyl-d14
Concen: 0.39 ng
RT: 19.857 min Scan# 1495
Delta R.T. 0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:244 Resp: 6811

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 38.0 | 29.4 | 44.2 |
| 122 | 9.1 | 7.1 | 10.7 |

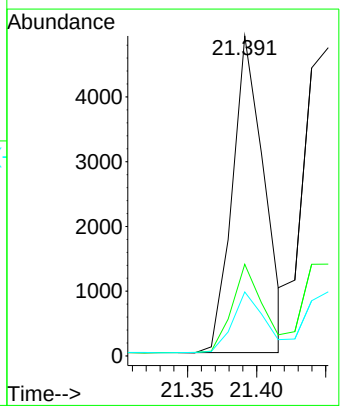


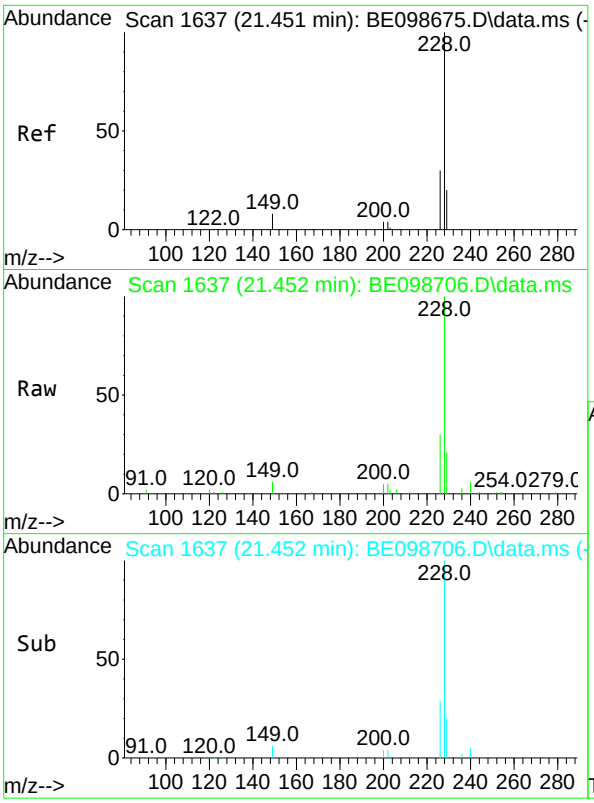




#30
Benzo(a)anthracene
Concen: 0.37 ng
RT: 21.391 min Scan# 1632
Delta R.T. 0.000 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:228 Resp: 7844

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 28.6 | 23.0 | 34.4 |
| 229 | 20.0 | 15.0 | 22.6 |

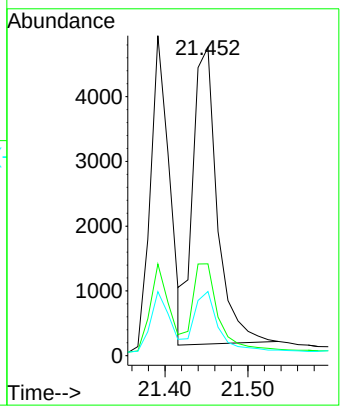




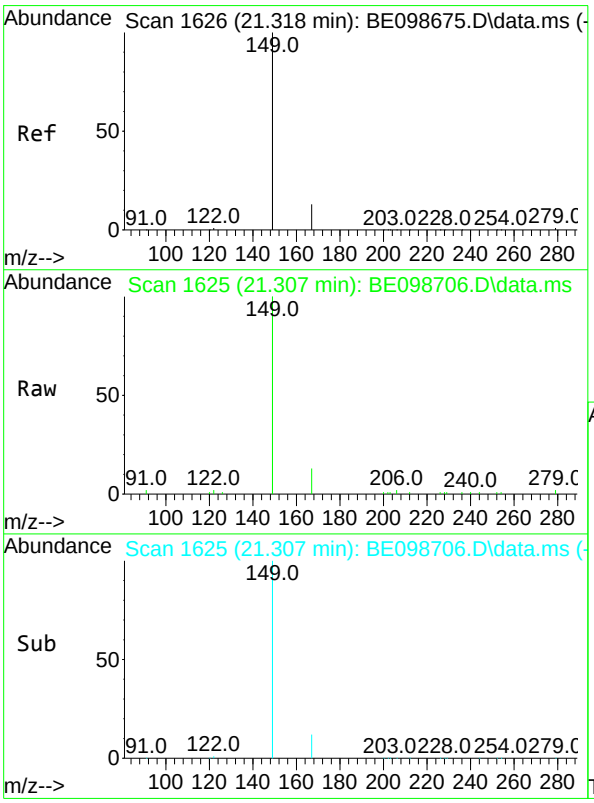

#31
Chrysene
Concen: 0.41 ng
RT: 21.452 min Scan# 1637
Delta R.T. 0.001 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:228 Resp: 9377

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 29.8 | 24.6 | 36.8 |
| 229 | 20.8 | 16.4 | 24.6 |



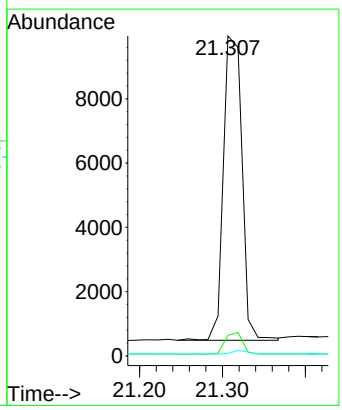

**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC



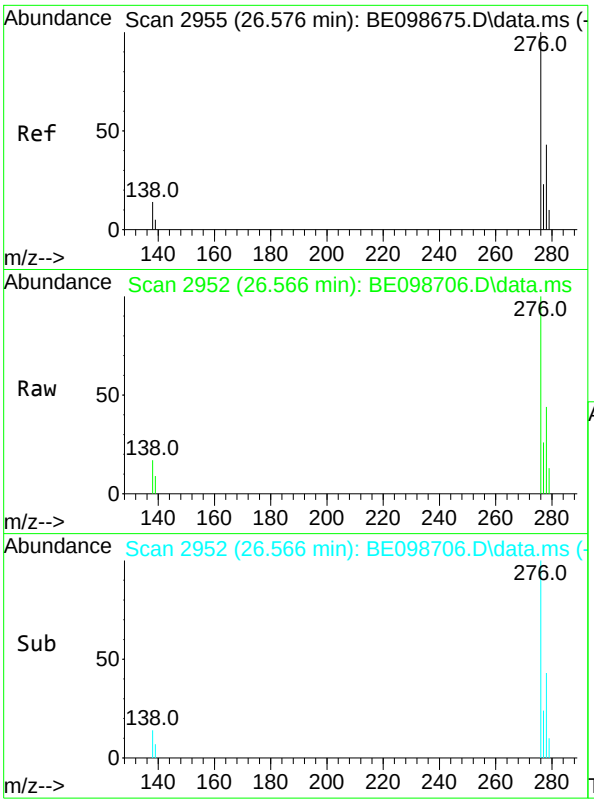

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.37 ng
RT: 21.307 min Scan# 1625
Delta R.T. -0.011 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:149 Resp: 14747

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 6.9 | 5.4 | 8.2 |
| 279 | 1.2 | 1.0 | 1.4 |



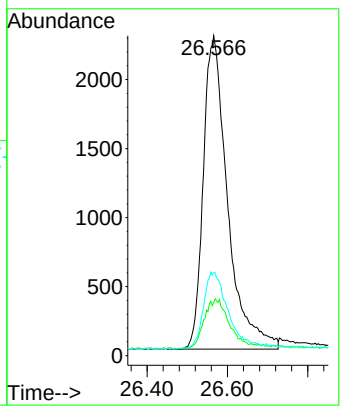
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

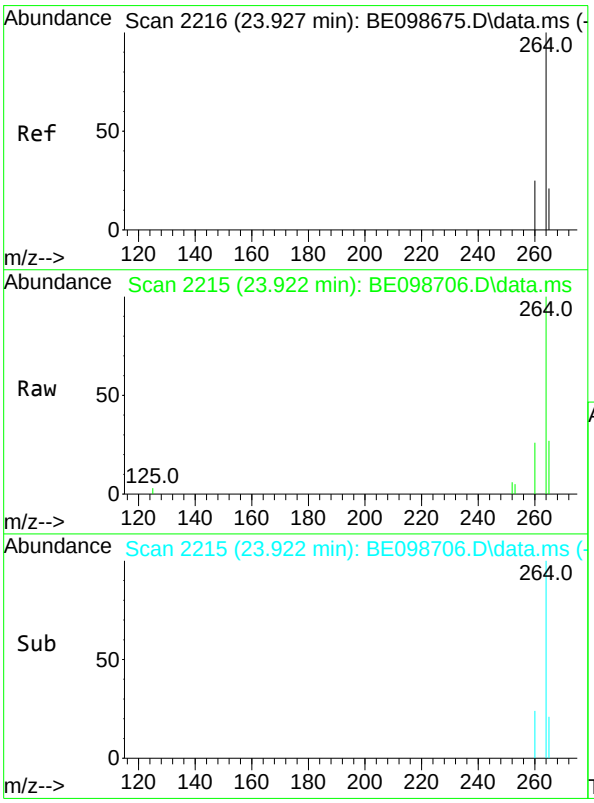



#33
Indeno(1,2,3-cd)pyrene
Concen: 0.39 ng
RT: 26.566 min Scan# 2952
Delta R.T. -0.010 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:276 Resp: 9544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 5.8 | 13.3 | 19.9# |
| 277 | 24.7 | 19.4 | 29.0 |

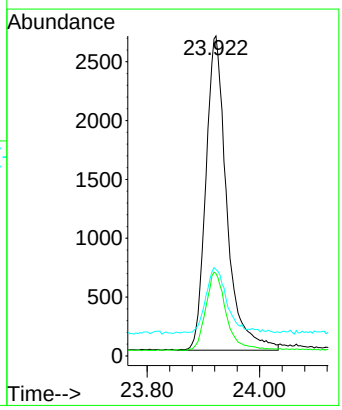


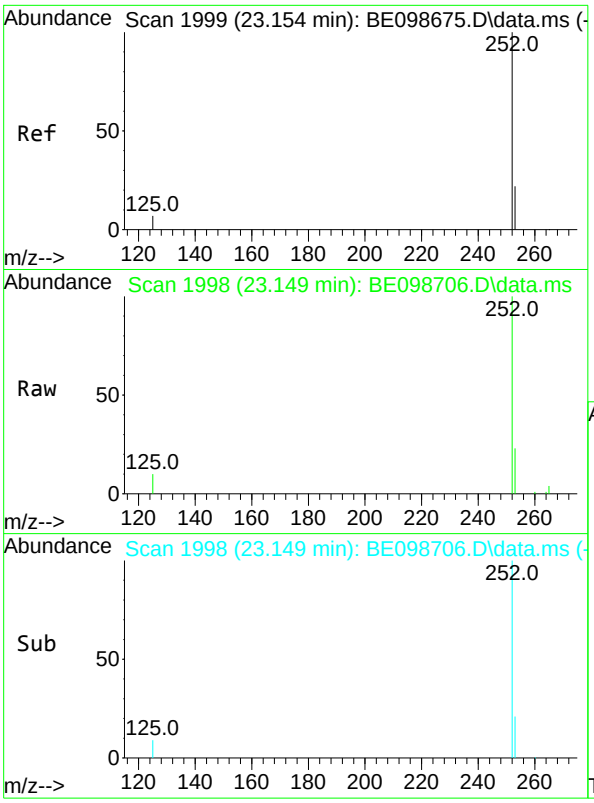

#34
Perylene-d12
Concen: 0.40 ng
RT: 23.922 min Scan# 2215
Delta R.T. -0.005 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:264 Resp: 6881

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.7 | 20.5 | 30.7 |
| 265 | 27.0 | 22.3 | 33.5 |



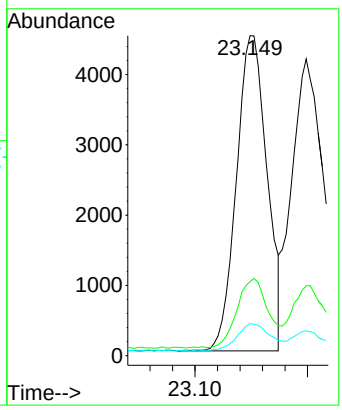
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

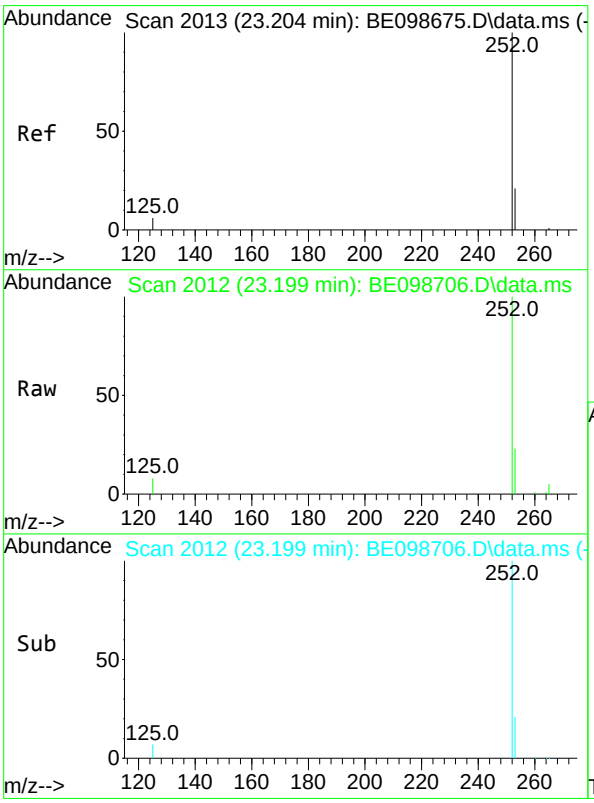



#35
Benzo(b)fluoranthene
Concen: 0.38 ng
RT: 23.149 min Scan# 1998
Delta R.T. -0.005 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:252 Resp: 8477

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.1 | 19.4 | 29.0 |
| 125 | 10.0 | 8.2 | 12.4 |

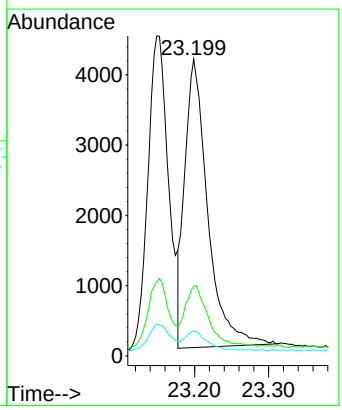


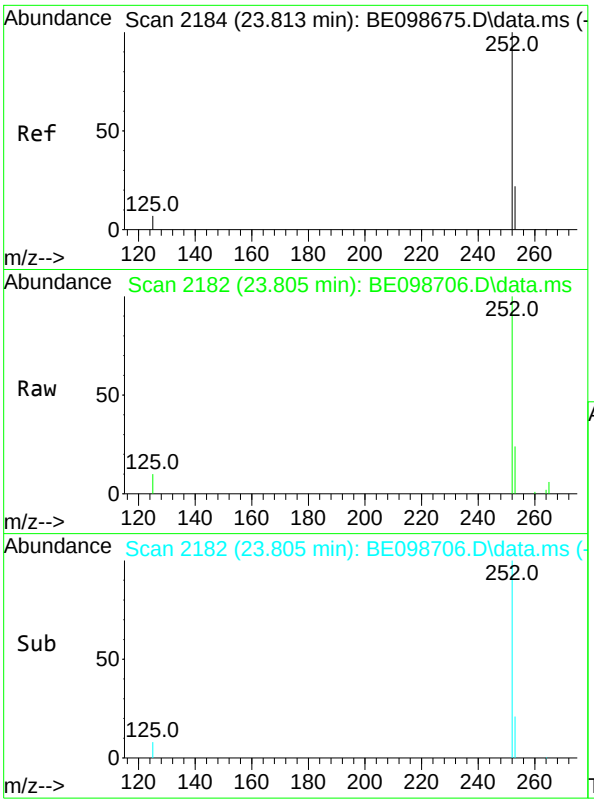

#36
Benzo(k)fluoranthene
Concen: 0.37 ng
RT: 23.199 min Scan# 2012
Delta R.T. -0.005 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:252 Resp: 8837

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 23.5 | 19.0 | 28.4 |
| 125 | 8.4 | 7.0 | 10.4 |



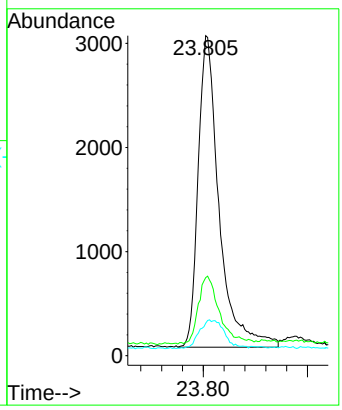
**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC

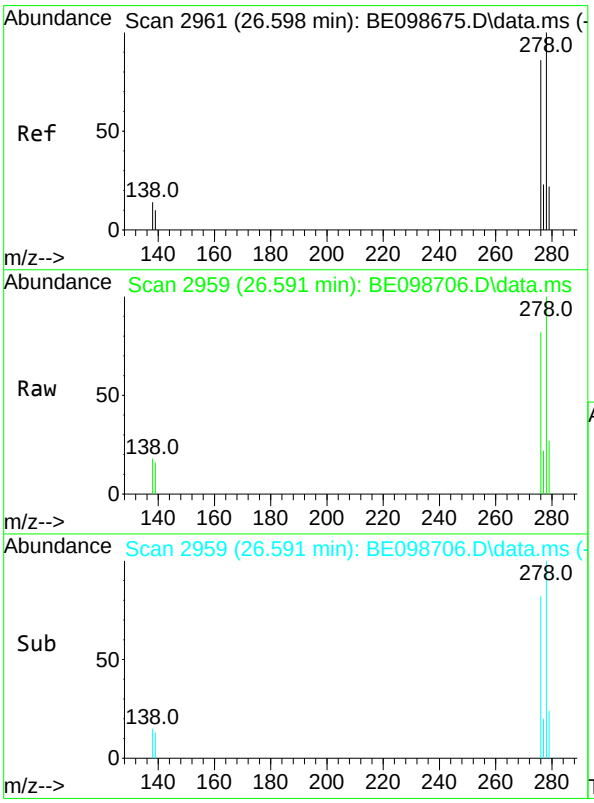



#37
Benzo(a)pyrene
Concen: 0.39 ng
RT: 23.805 min Scan# 2182
Delta R.T. -0.008 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:252 Resp: 8368

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.4 | 21.0 | 31.4 |
| 125 | 10.2 | 9.2 | 13.8 |

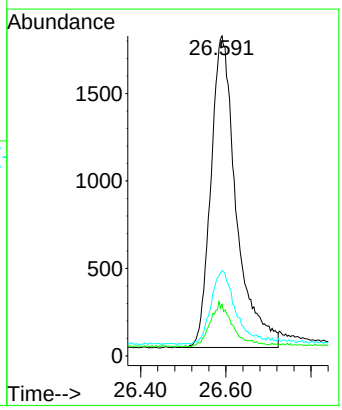


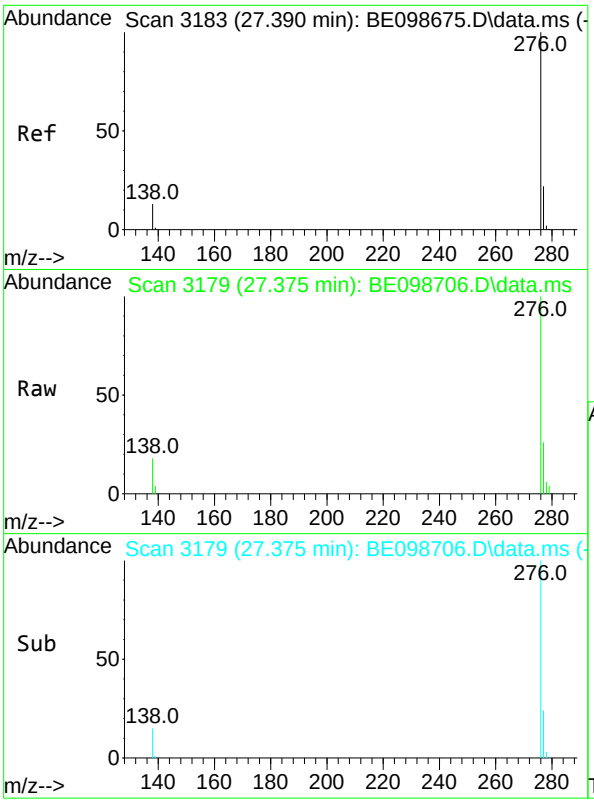




#38
Dibenzo(a,h)anthracene
Concen: 0.37 ng
RT: 26.591 min Scan# 2959
Delta R.T. -0.007 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:278 Resp: 7378

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.1 | 12.7 | 19.1 |
| 279 | 26.7 | 22.0 | 33.0 |

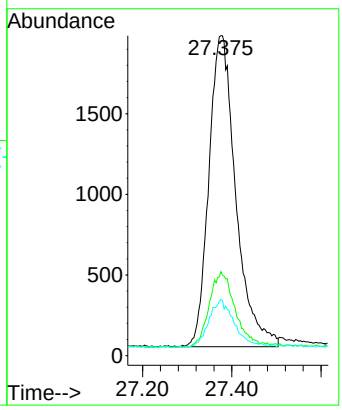





#39
Benzo(g,h,i)perylene
Concen: 0.37 ng
RT: 27.375 min Scan# 3179
Delta R.T. -0.014 min
Lab File: BE098706.D
Acq: 4 Feb 2019 13:44

Tgt Ion:276 Resp: 8087

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 26.2 | 20.3 | 30.5 |
| 138 | 17.5 | 13.3 | 19.9 |




**Instrument :**
BNA_E
**ClientSampleId :**
SSTDCCC0.4EC