Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
Data File : BE099680.D
Acq On : 21 May 2019 3:08
Operator : JU/SJ
Sample : K2944-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :** BNA_E
**ClientSampleId :** FESB-3(4.5-5)

Quant Time: May 21 06:44:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 1) 1,4-Dichlorobenzene-d4 | 7.82 | 152 | 1458 | 0.40 | ng | 0.00 |
| 7) Naphthalene-d8 | 10.61 | 136 | 4970 | 0.40 | ng | 0.00 |
| 13) Acenaphthene-d10 | 14.49 | 164 | 3556 | 0.40 | ng | 0.00 |
| 19) Phenanthrene-d10 | 17.23 | 188 | 11011 | 0.40 | ng | 0.00 |
| 27) Chrysene-d12 | 21.41 | 240 | 15945 | 0.40 | ng | 0.00 |
| 34) Perylene-d12 | 23.95 | 264 | 20017 | 0.40 | ng | 0.00 |
| **System Monitoring Compounds** | | | | | | |
| 4) 2-Fluorophenol | 5.37 | 112 | 1435 | 0.39 | ng | 0.00 |
| 5) Phenol-d6 | 6.97 | 99 | 1875 | 0.38 | ng | 0.00 |
| 8) Nitrobenzene-d5 | 8.98 | 82 | 1502 | 0.35 | ng | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.22 | 152 | 3012 | 0.35 | ng | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.97 | 330 | 832 | 0.44 | ng | -0.01 |
| 15) 2-Fluorobiphenyl | 13.10 | 172 | 4544 | 0.34 | ng | 0.00 |
| 25) Fluoranthene-d10 | 19.26 | 212 | 49888 | 0.33 | ng | 0.00 |
| 29) Terphenyl-d14 | 19.86 | 244 | 10162 | 0.36 | ng | -0.01 |
| **Target Compounds** | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.29 | 88 | 39 | 0.018 | ng | # 34 |
| 6) bis(2-Chloroethyl)ether | 7.23 | 93 | 40 | 0.009 | ng | # 8 |
| 9) Naphthalene | 10.67 | 128 | 78 | 0.001 | ng | # 47 |
| 10) Hexachlorobutadiene | 10.95 | 225 | 6 | 0.002 | ng | # 28 |
| 12) 2-Methylnaphthalene | 12.30 | 142 | 17 | 0.002 | ng | # 60 |
| 16) Acenaphthylene | 14.27 | 152 | 4 | 0.000 | ng | # 1 |
| 17) Acenaphthene | 14.53 | 154 | 9 | 0.001 | ng | # 1 |
| 18) Fluorene | 15.53 | 166 | 81 | 0.006 | ng | # 88 |
| 20) 4-Bromophenyl-phenylether | 16.48 | 248 | 12 | 0.002 | ng | # 63 |
| 21) Hexachlorobenzene | 16.50 | 284 | 11 | 0.002 | ng | # 48 |
| 22) Pentachlorophenol | 16.89 | 266 | 10 | 0.186 | ng | # 76 |
| 23) Phenanthrene | 17.27 | 178 | 220 | 0.008 | ng | # 91 |
| 24) Anthracene | 17.36 | 178 | 51 | 0.002 | ng | # 72 |
| 26) Fluoranthene | 19.29 | 202 | 394 | 0.009 | ng | # 86 |
| 28) Pyrene | 19.66 | 202 | 318 | 0.008 | ng | # 94 |
| 30) Benzo(a)anthracene | 21.40 | 228 | 261 | 0.006 | ng | # 1 |
| 31) Chrysene | 21.45 | 228 | 173 | 0.004 | ng | # 34 |
| 32) Bis(2-ethylhexyl)phthalate | 21.32 | 149 | 42978 | 0.823 | ng | 100 |
| 33) Indeno(1,2,3-cd)pyrene | 26.64 | 276 | 87 | 0.001 | ng | # 66 |
| 35) Benzo(b)fluoranthene | 23.17 | 252 | 373 | 0.007 | ng | # 1 |
| 36) Benzo(k)fluoranthene | 23.17 | 252 | 373 | 0.007 | ng | # 1 |
| 37) Benzo(a)pyrene | 23.85 | 252 | 241 | 0.005 | ng | # 1 |
| 38) Dibenzo(a,h)anthracene | 26.66 | 278 | 6 | 0.000 | ng | # 1 |
| 39) Benzo(g,h,i)perylene | 27.47 | 276 | 76 | 0.001 | ng | # 1 |

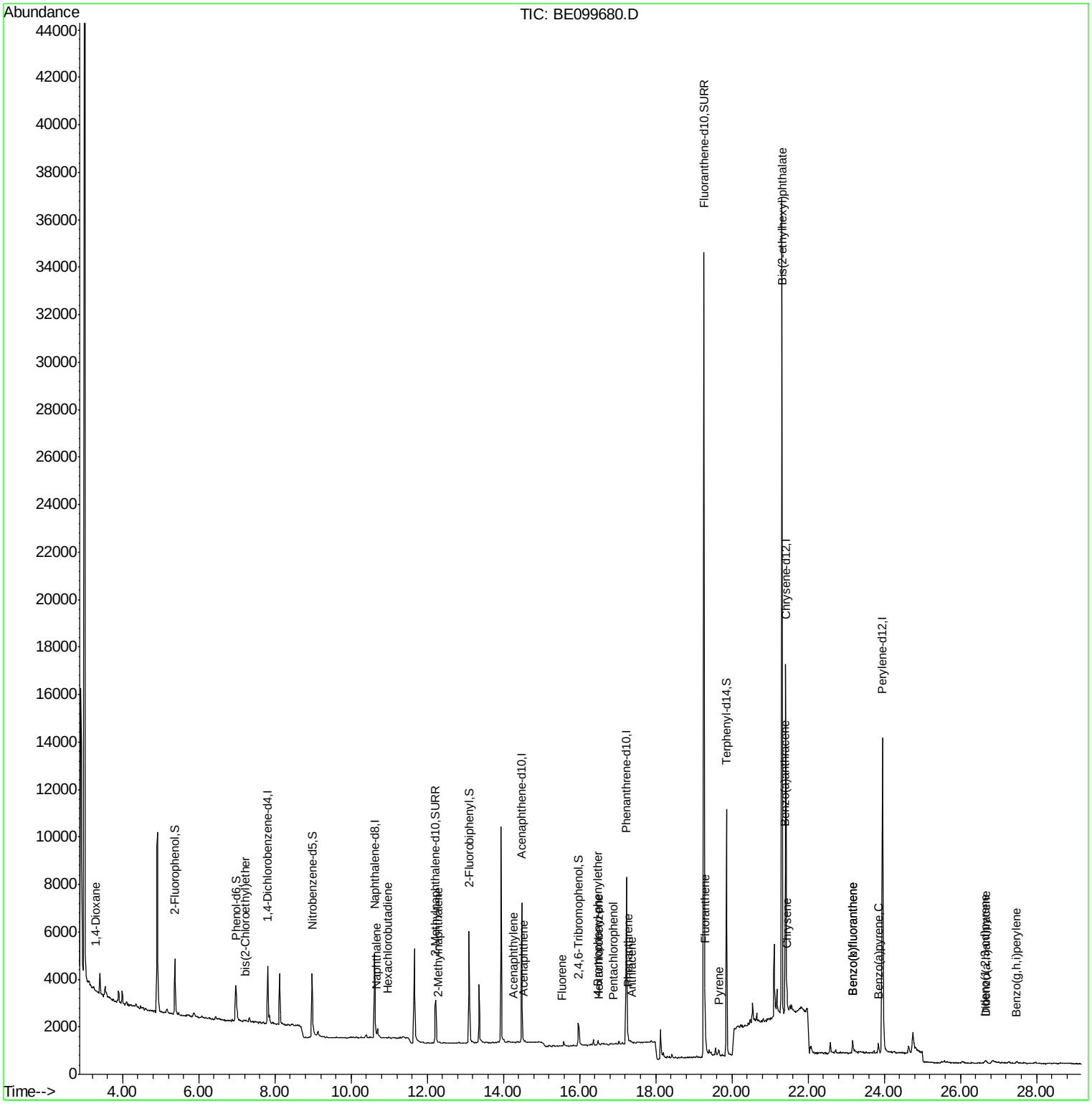
(#) = qualifier out of range (m) = manual integration (+) = signals summed

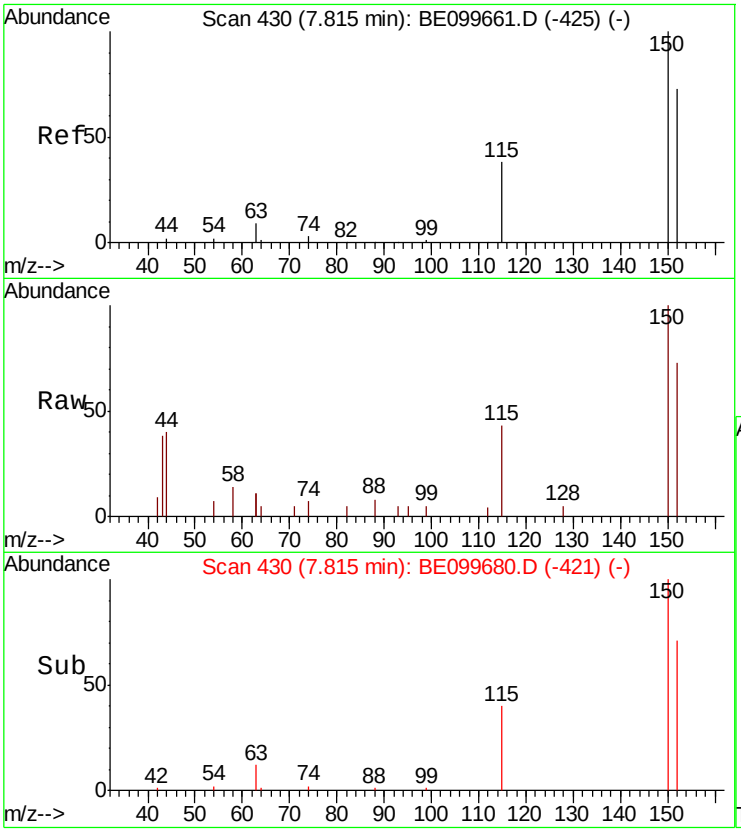
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE052019\
Data File : BE099680.D
Acq On : 21 May 2019 3:08
Operator : JU/SJ
Sample : K2944-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Quant Time: May 21 06:44:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE052019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 20 19:29:40 2019
Response via : Initial Calibration



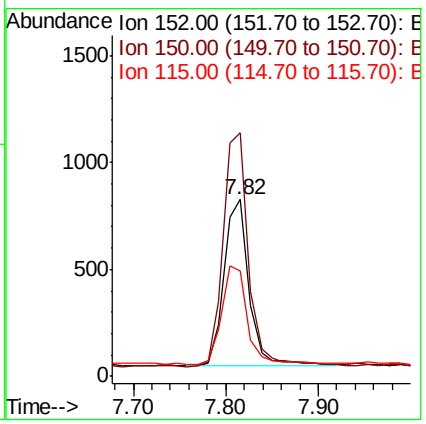


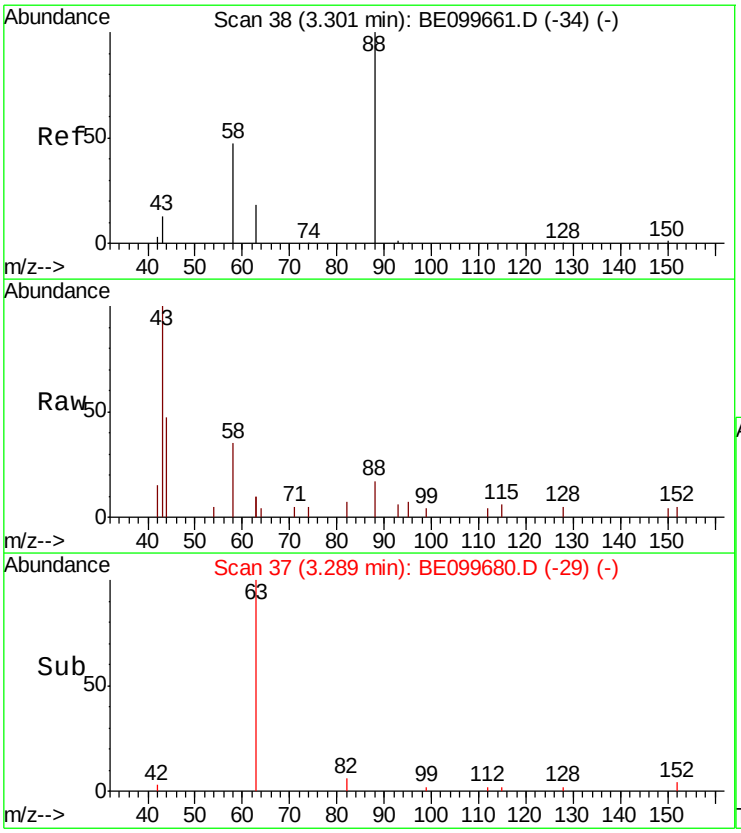

#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:152 Resp: 1458

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 137.6 | 109.2 | 163.8 |
| 115 | 59.4 | 43.7 | 65.5 |

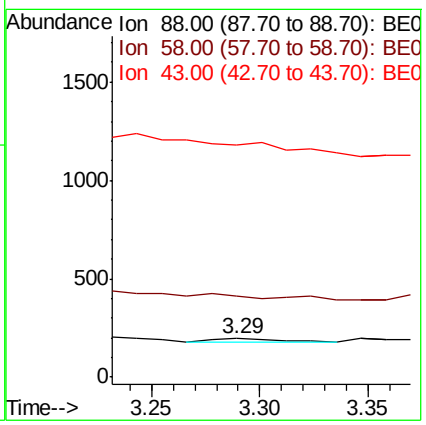


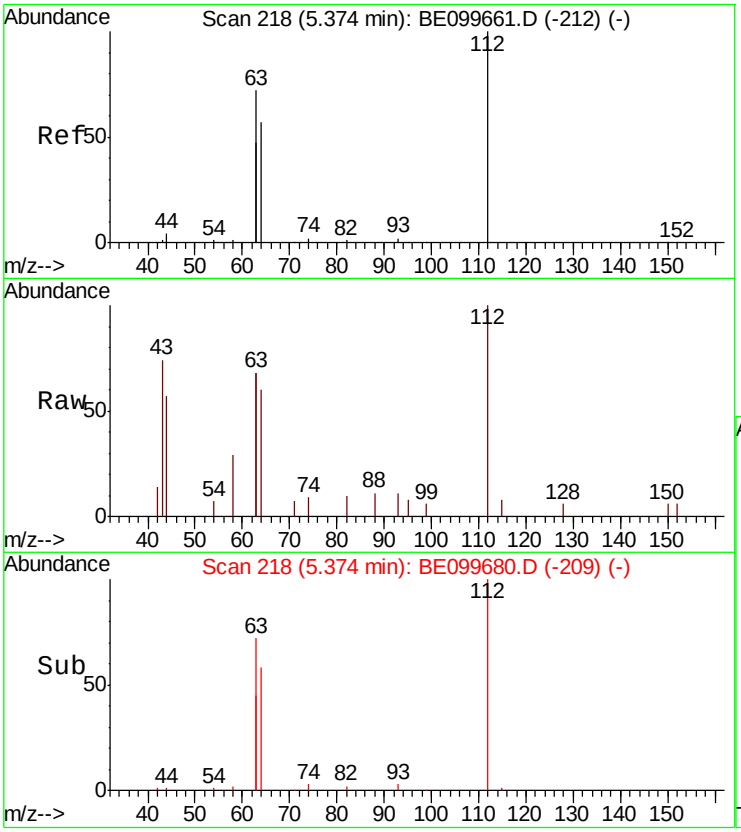




#2
1,4-Dioxane
Concen: 0.018 ng
RT: 3.29 min Scan# 37
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion: 88 Resp: 39

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 88 | 100 | | |
| 58 | 0.0 | 41.8 | 62.8# |
| 43 | 0.0 | 15.0 | 22.4# |



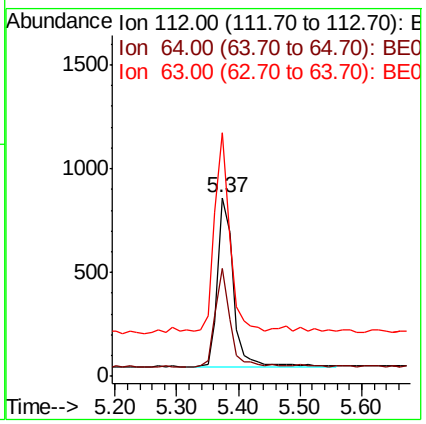


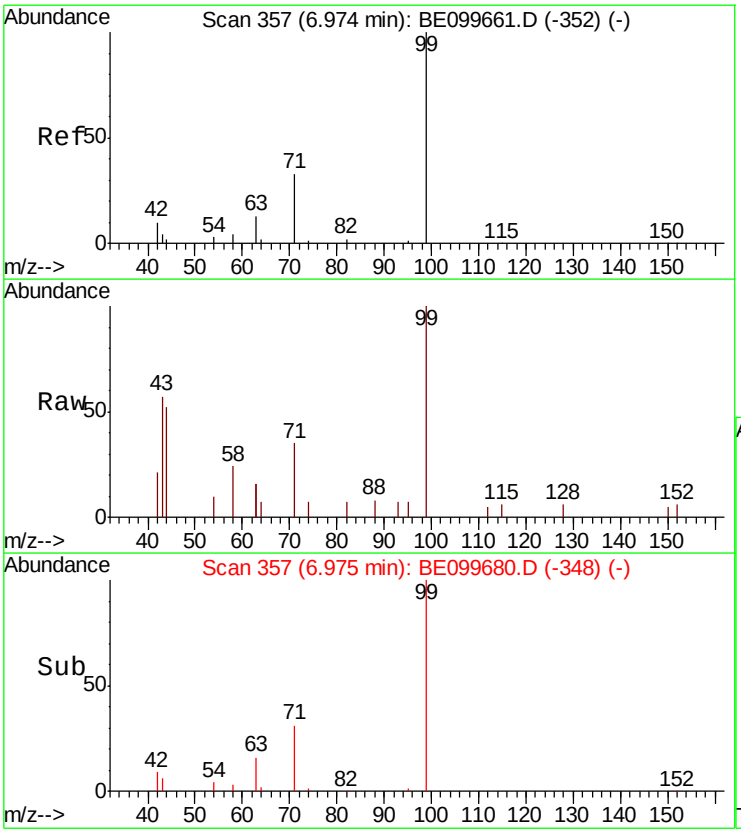

#4
2-Fluorophenol
Concen: 0.389 ng
RT: 5.37 min Scan# 218
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:112 Resp: 1435

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 53.2 | 43.4 | 65.2 |
| 63 | 108.7 | 96.9 | 145.3 |

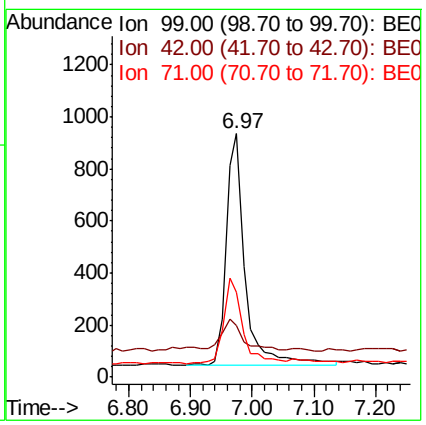


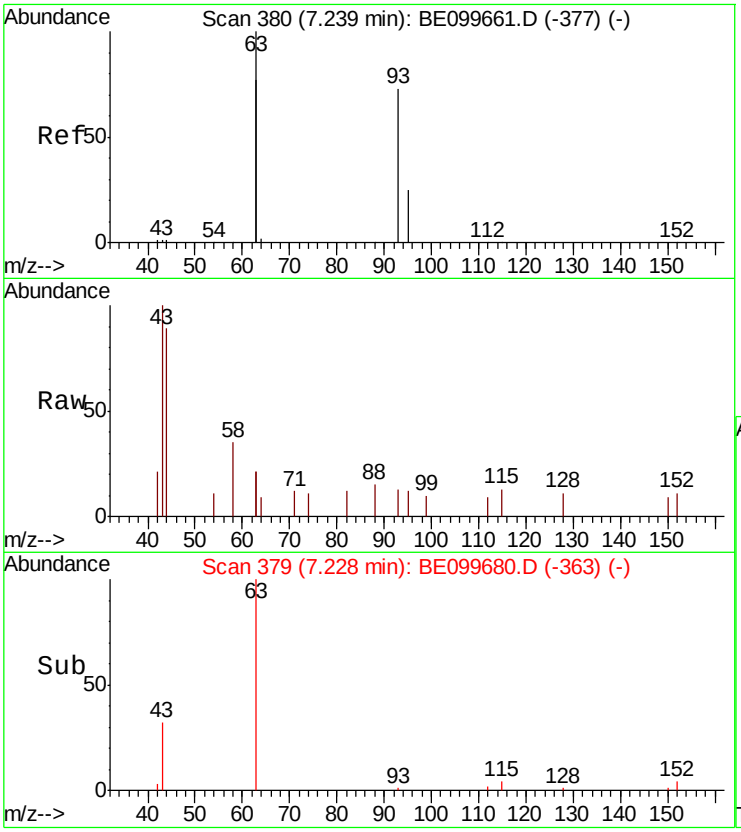




#5
Phenol-d6
Concen: 0.384 ng
RT: 6.97 min Scan# 357
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion: 99 Resp: 1875

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 15.0 | 12.2 | 18.2 |
| 71 | 36.8 | 28.9 | 43.3 |



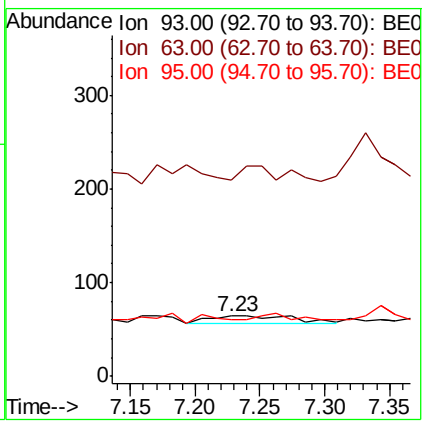


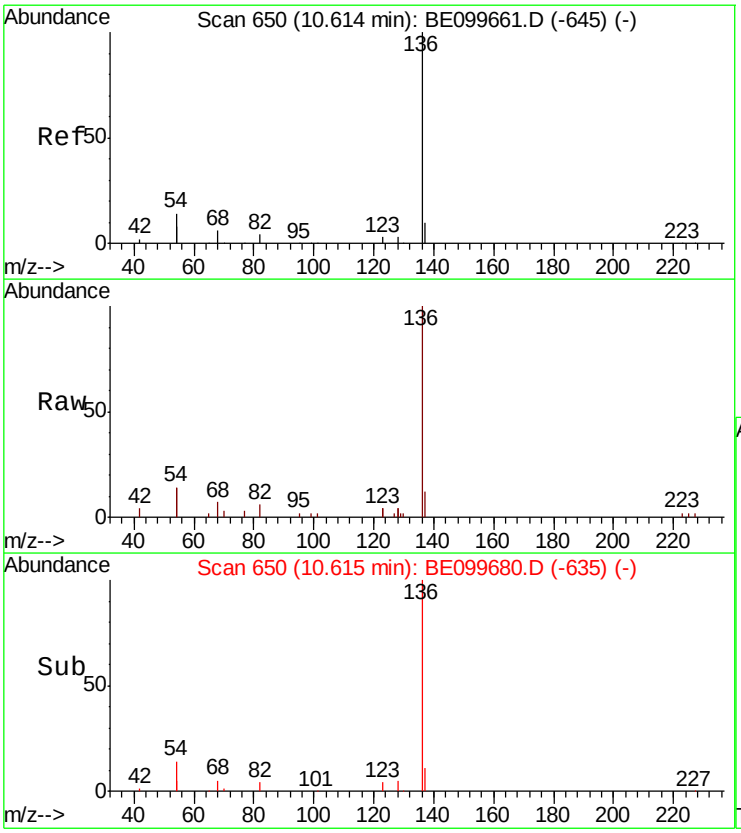

#6
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 7.23 min Scan# 379
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion: 93 Resp: 40

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 93 | 100 | | |
| 63 | 87.5 | 207.8 | 311.6# |
| 95 | 0.0 | 25.9 | 38.9# |

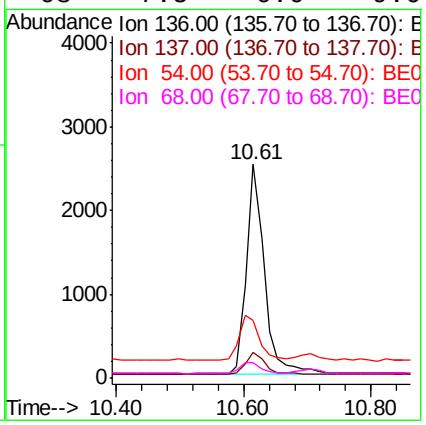


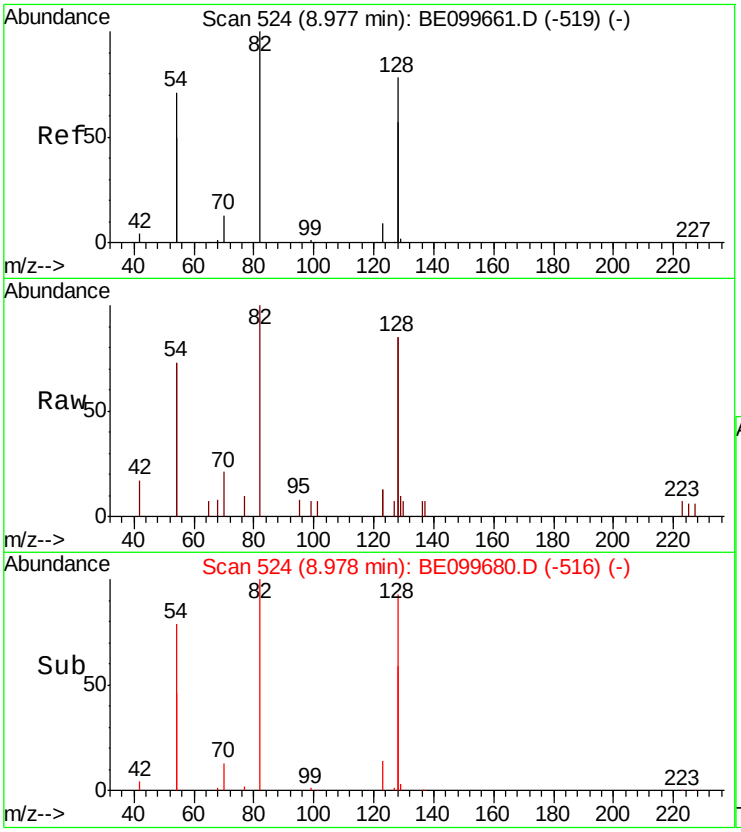




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.61 min Scan# 650
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:136 Resp: 4970

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 12.3 | 9.0 | 13.6 |
| 54 | 27.2 | 22.3 | 33.5 |
| 68 | 7.5 | 6.0 | 9.0 |



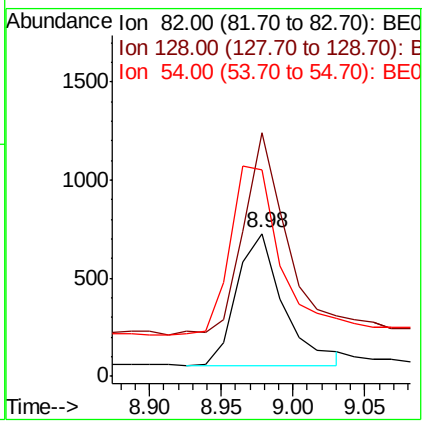


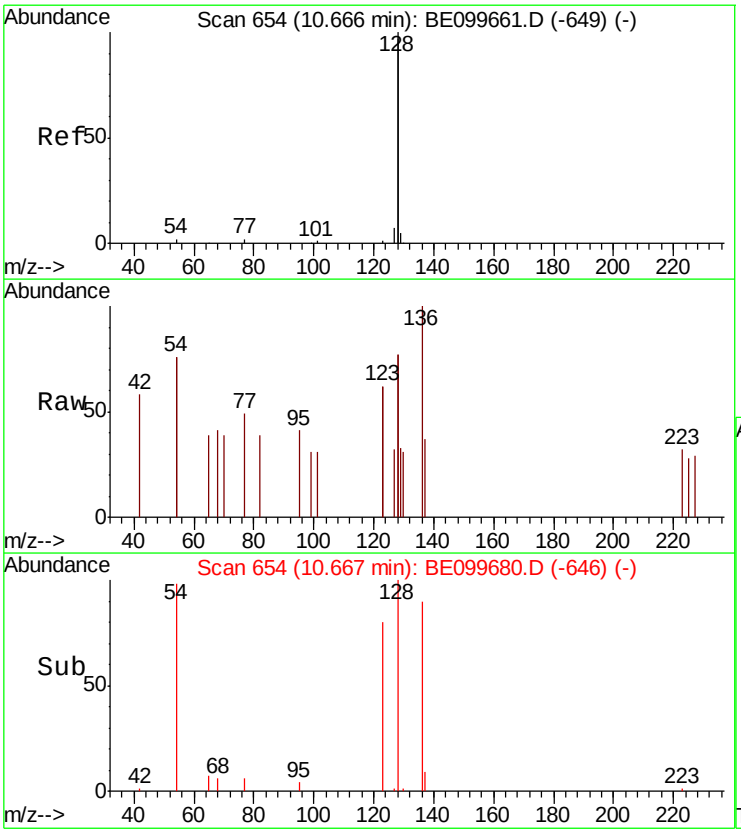

#8
Nitrobenzene-d5
Concen: 0.349 ng
RT: 8.98 min Scan# 524
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion: 82 Resp: 1502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 170.8 | 117.7 | 176.5 |
| 54 | 145.2 | 106.6 | 160.0 |

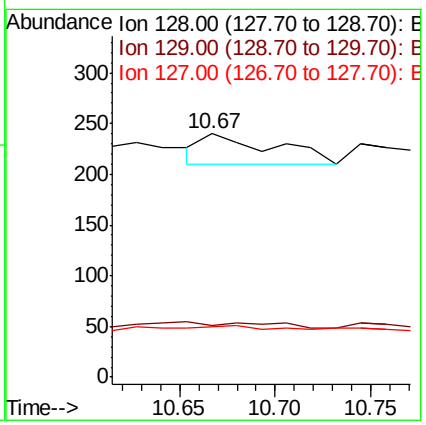


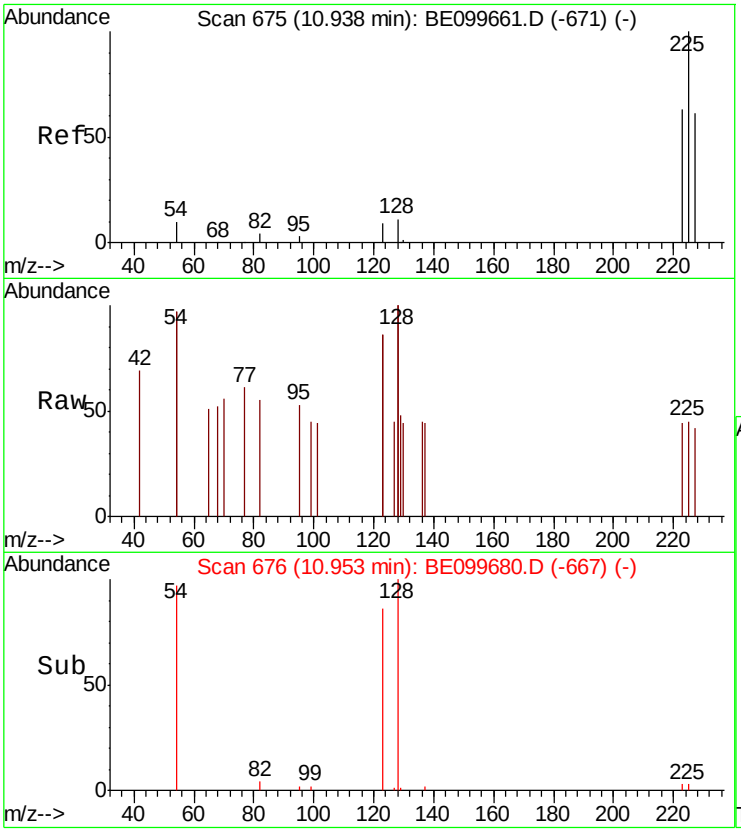




#9
Naphthalene
Concen: 0.001 ng
RT: 10.67 min Scan# 654
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:128 Resp: 78

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 128 | 100 | | |
| 129 | 21.3 | 2.4 | 3.6# |
| 127 | 20.8 | 2.9 | 4.3# |



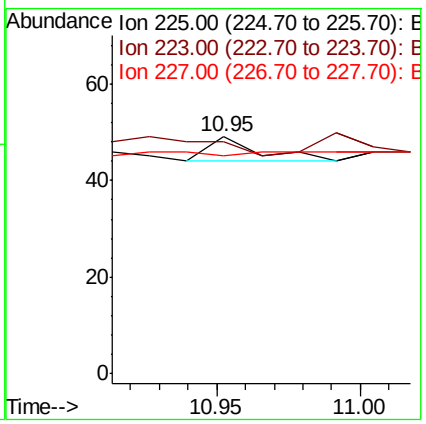


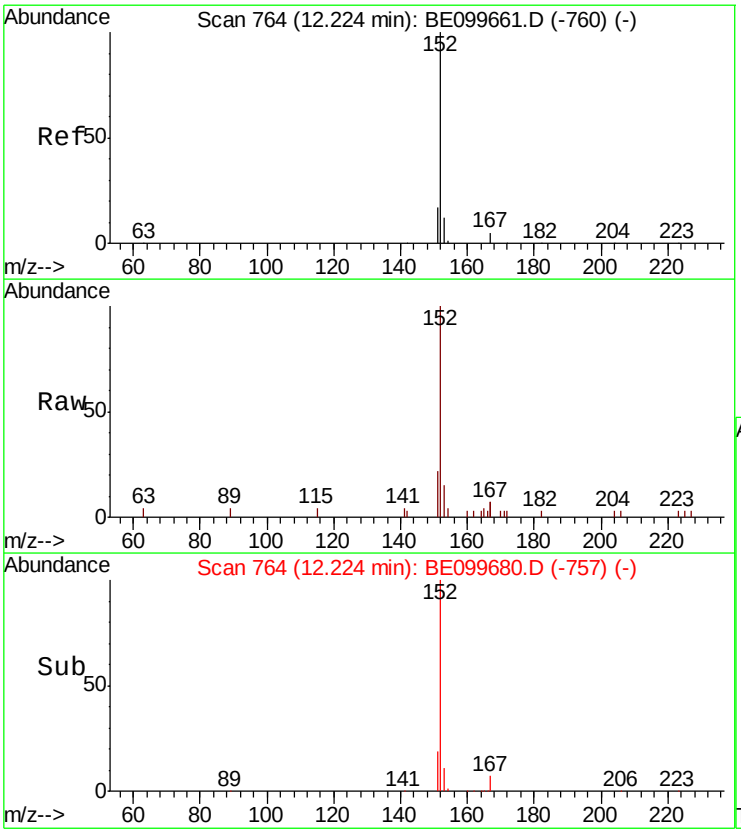

#10
Hexachlorobutadiene
Concen: 0.002 ng
RT: 10.95 min Scan# 676
Delta R.T. 0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:225 Resp: 6

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 225 | 100 | | |
| 223 | 0.0 | 51.8 | 77.6# |
| 227 | 16.7 | 52.6 | 79.0# |

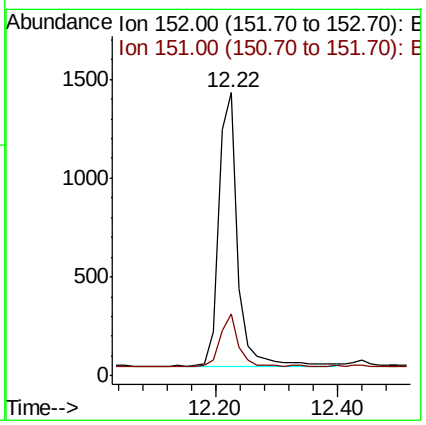


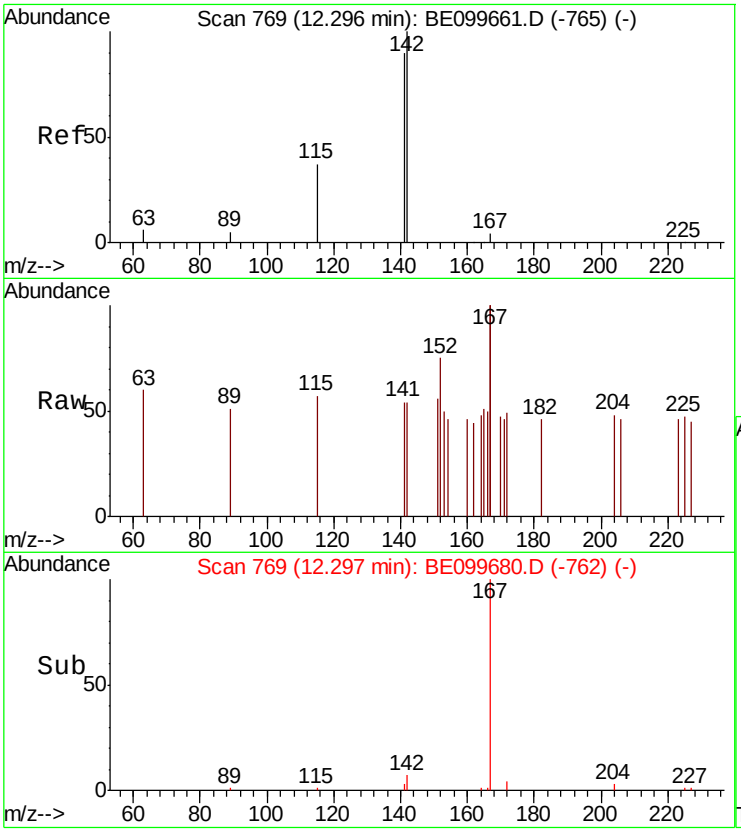




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.22 min Scan# 764
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:152 Resp: 3012

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 19.5 | 15.0 | 22.4 |



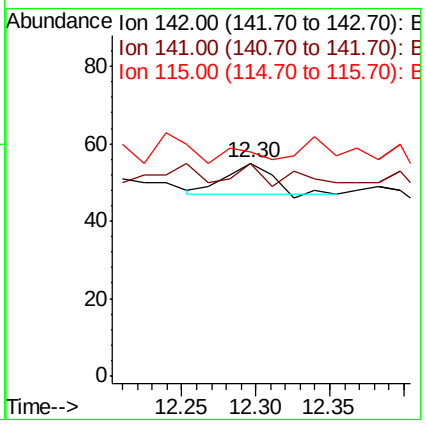


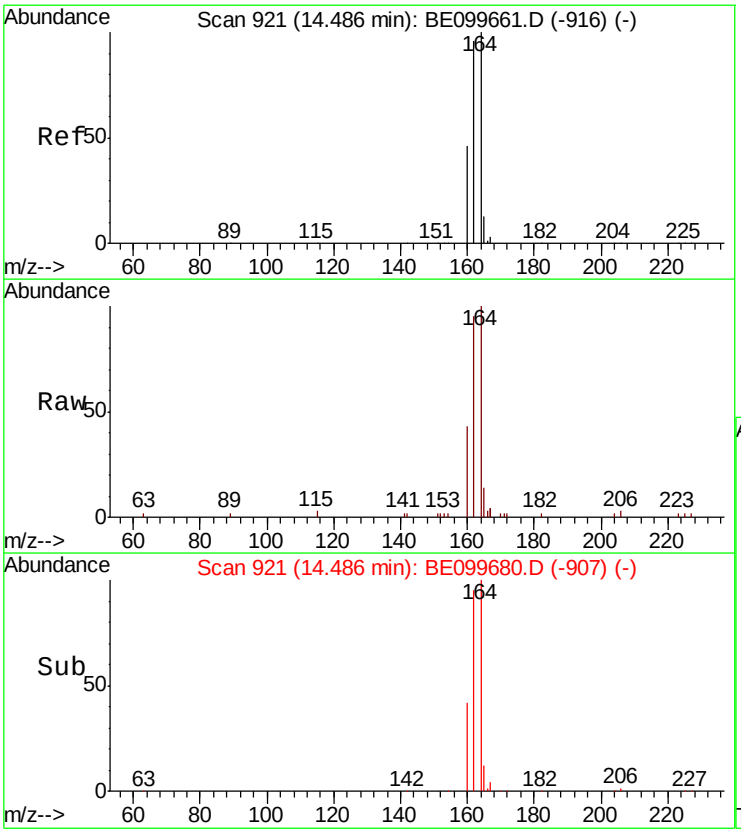

#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.30 min Scan# 769
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:142 Resp: 17

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 142 | 100 | | |
| 141 | 100.0 | 72.0 | 108.0 |
| 115 | 105.5 | 31.0 | 46.4# |

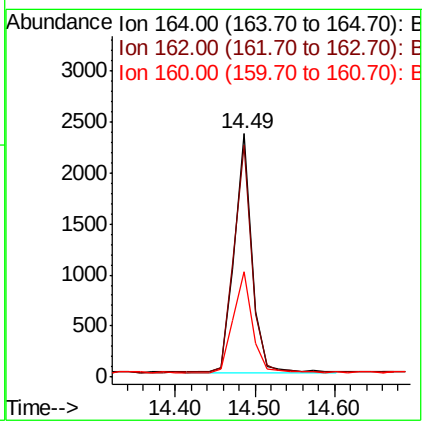


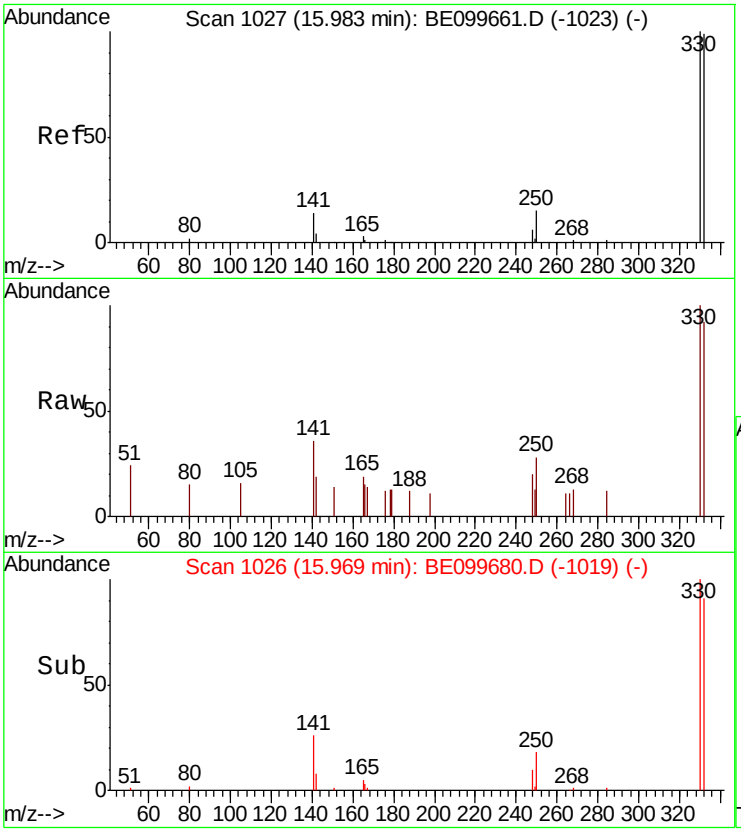




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 921
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:164 Resp: 3556

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 95.3 | 76.5 | 114.7 |
| 160 | 43.5 | 37.4 | 56.2 |



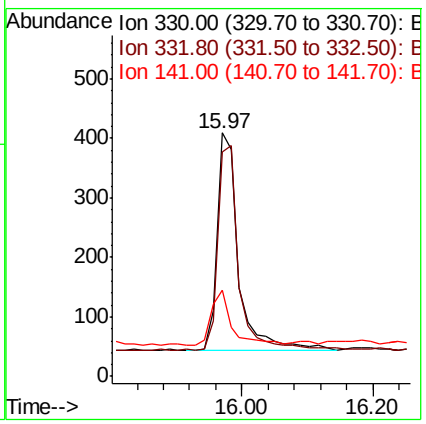


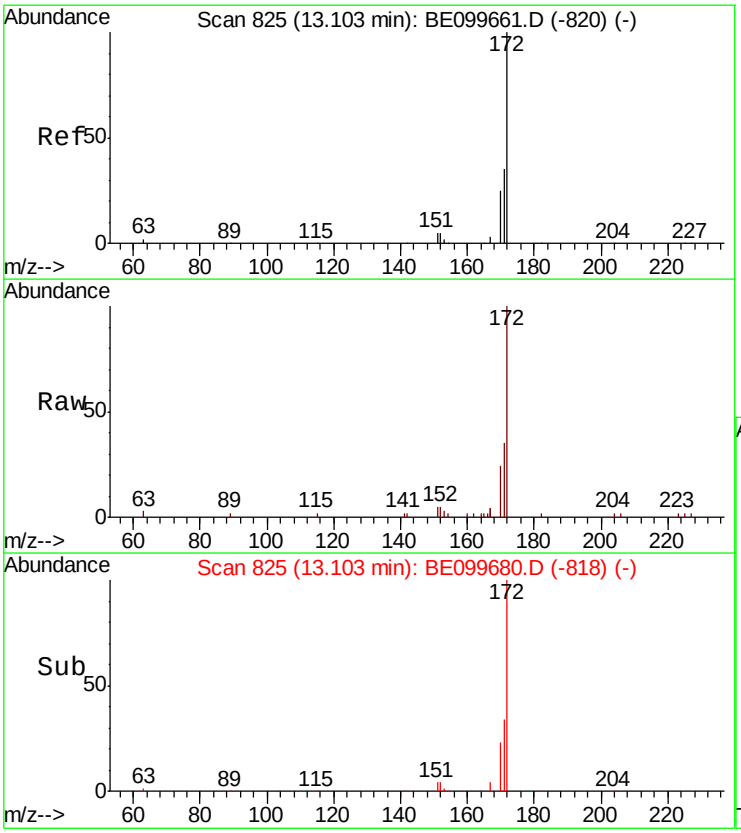

#14
2,4,6-Tribromophenol
Concen: 0.437 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:330 Resp: 832

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 94.0 | 77.3 | 115.9 |
| 141 | 23.3 | 18.9 | 28.3 |

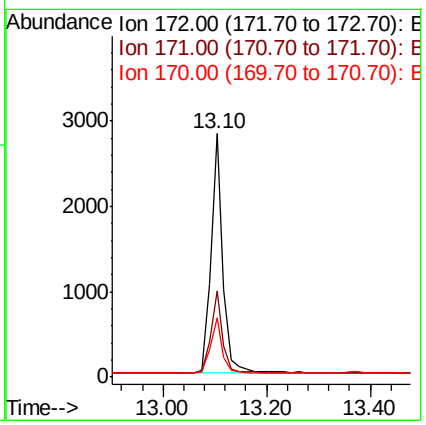


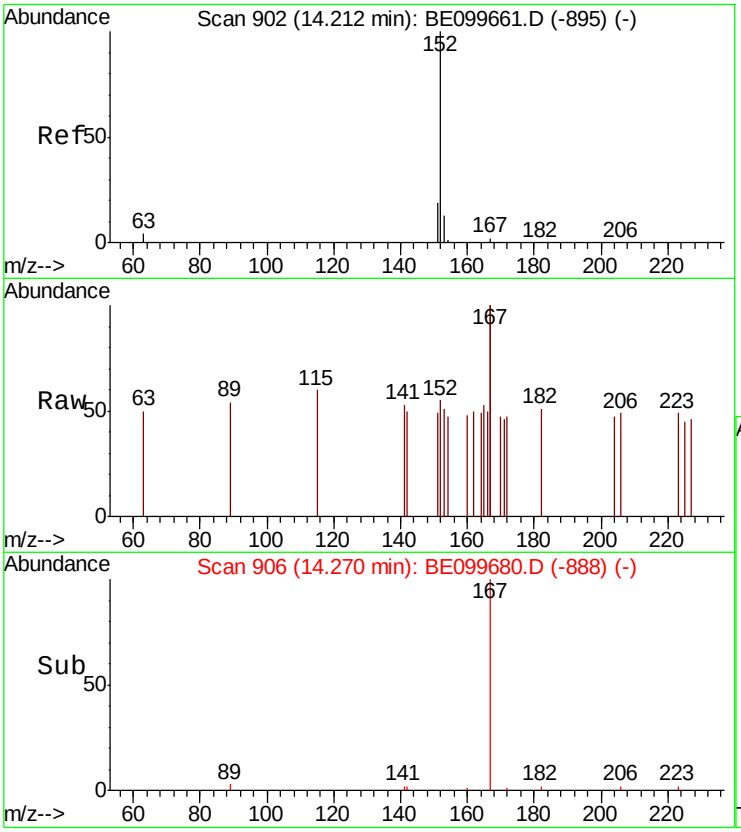




#15
2-Fluorobiphenyl
Concen: 0.337 ng
RT: 13.10 min Scan# 825
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:172 Resp: 4544

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 35.4 | 28.7 | 43.1 |
| 170 | 24.2 | 20.9 | 31.3 |



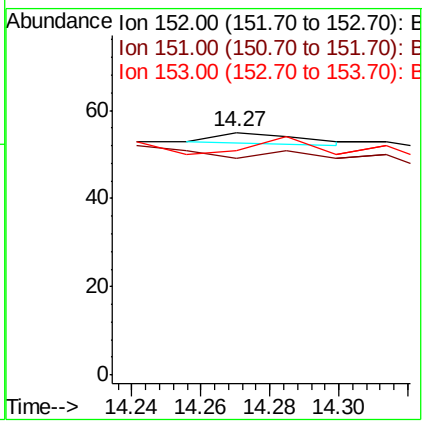


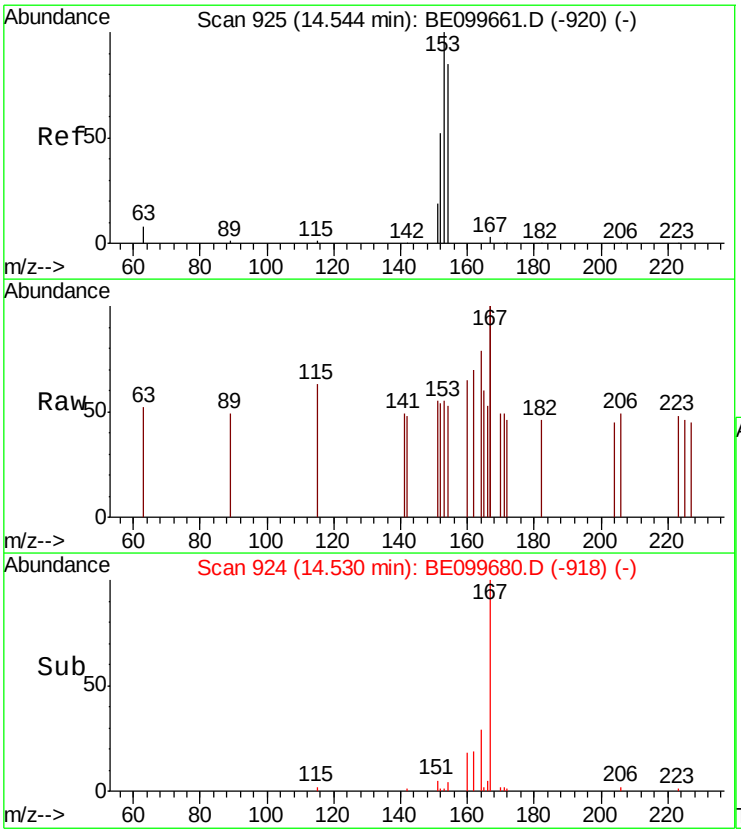

#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.27 min Scan# 906
Delta R.T. 0.06 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:152 Resp: 4

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 151 | 0.0 | 15.9 | 23.9# |
| 153 | 300.0 | 10.6 | 16.0# |

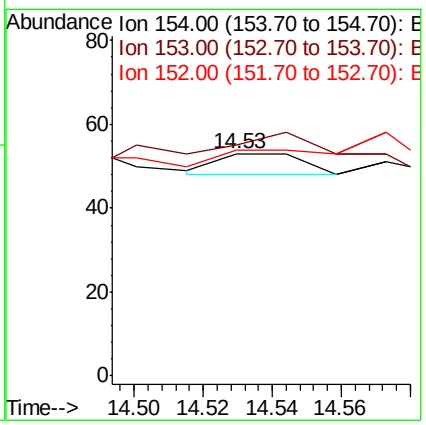


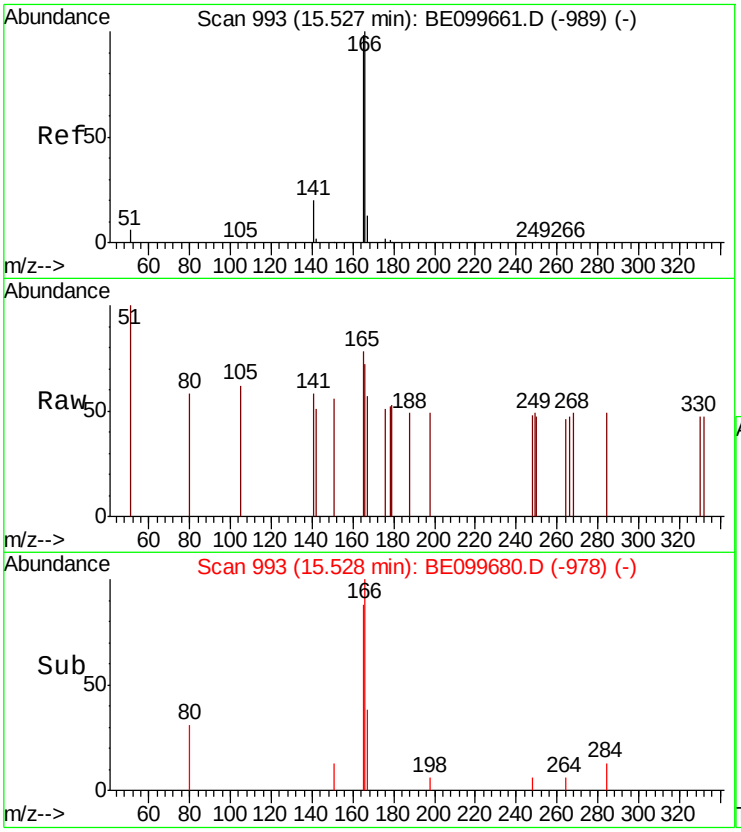




#17
Acenaphthene
Concen: 0.001 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:154 Resp: 9

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 288.9 | 91.8 | 137.6# |
| 152 | 0.0 | 46.0 | 69.0# |



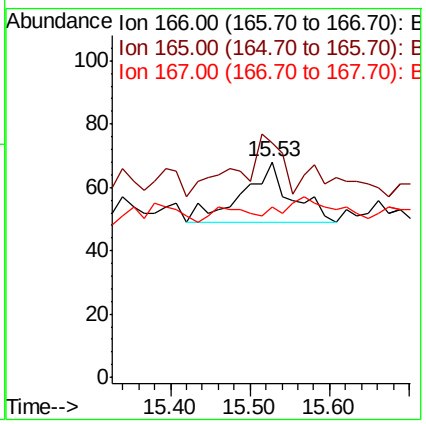


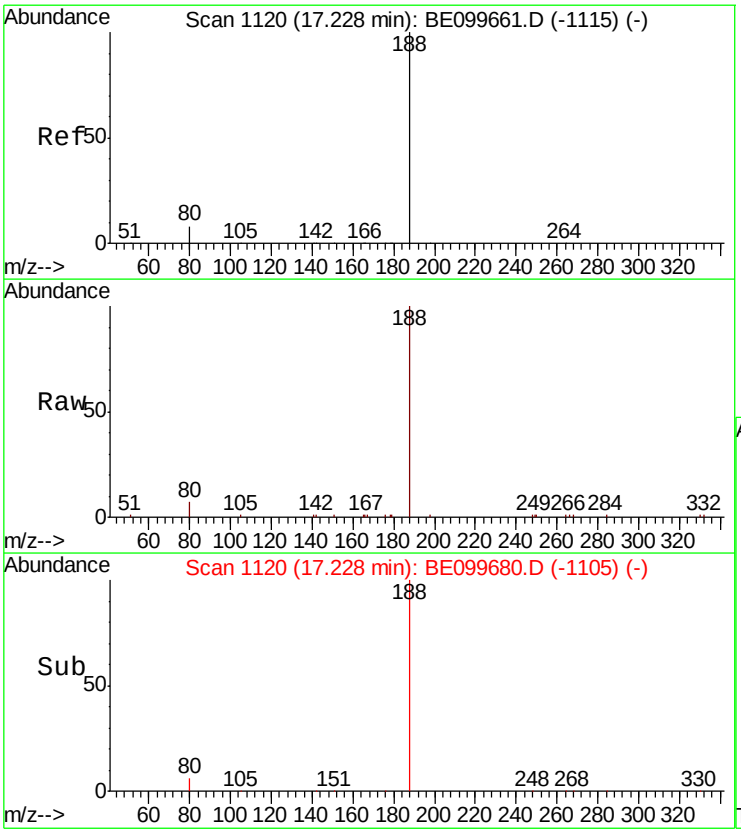

#18
Fluorene
Concen: 0.006 ng
RT: 15.53 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:166 Resp: 81

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 166 | 100 | | |
| 165 | 91.4 | 80.3 | 120.5 |
| 167 | 0.0 | 10.6 | 16.0# |

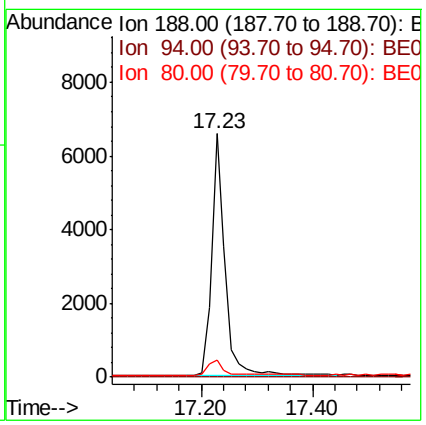


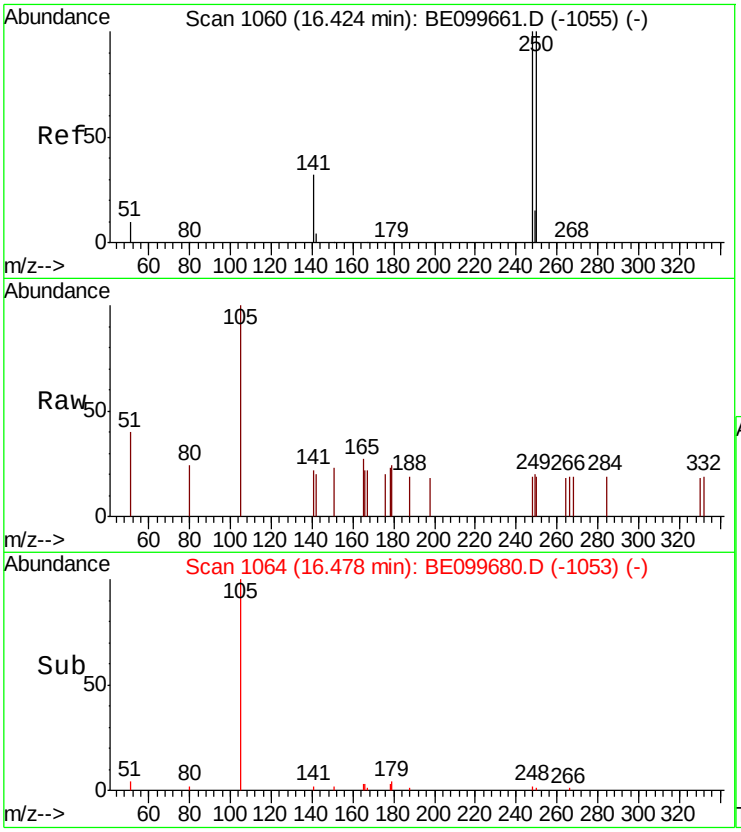




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:188 Resp: 11011

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 0.0 | 0.0 | 0.0 |
| 80 | 7.1 | 6.7 | 10.1 |



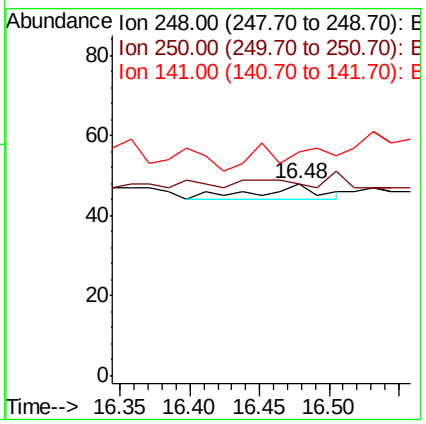


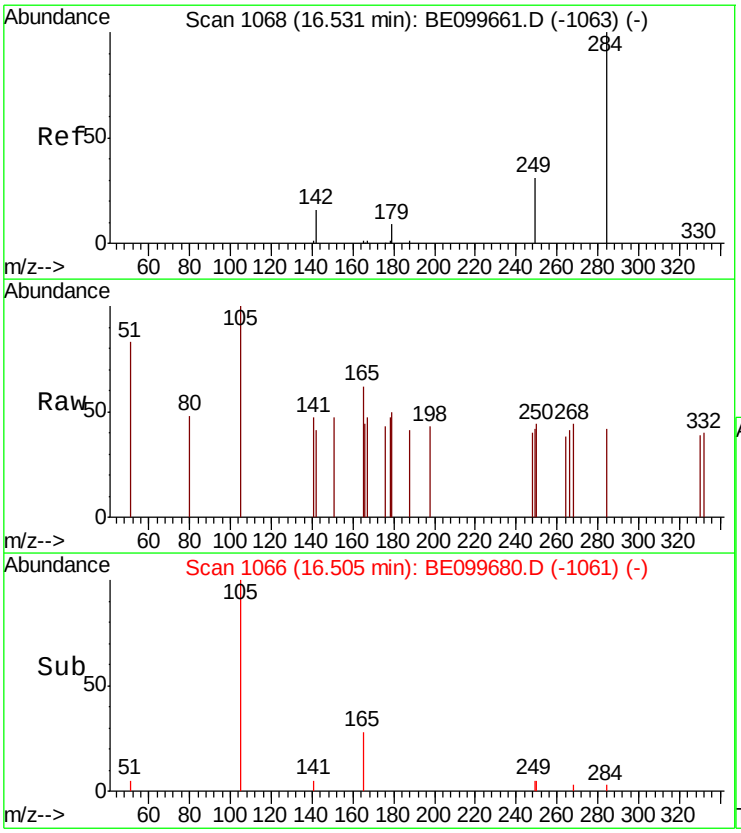

#20
4-Bromophenyl-phenylether
Concen: 0.002 ng
RT: 16.48 min Scan# 1064
Delta R.T. 0.05 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:248 Resp: 12

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 248 | 100 | | |
| 250 | 100.0 | 79.8 | 119.8 |
| 141 | 116.7 | 27.0 | 40.6# |

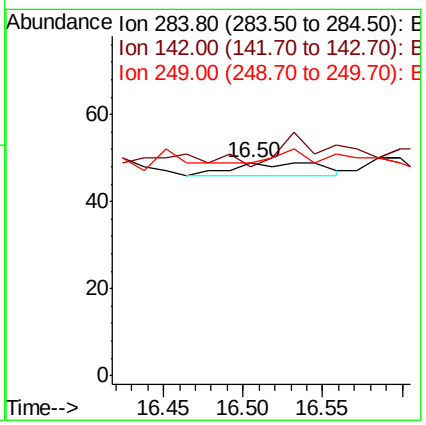


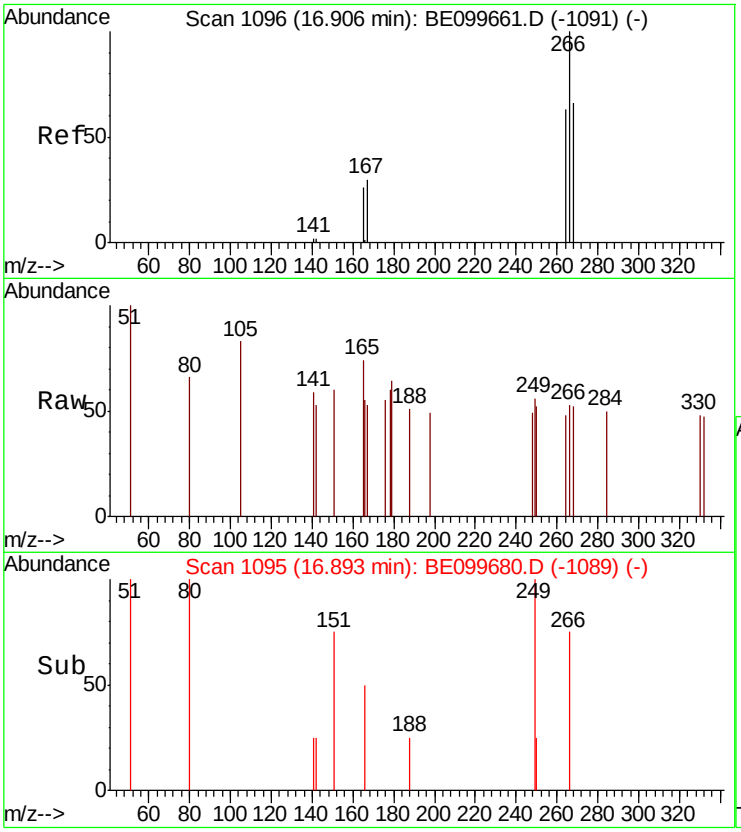




#21
Hexachlorobenzene
Concen: 0.002 ng
RT: 16.50 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:284 Resp: 11

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 284 | 100 | | |
| 142 | 0.0 | 17.8 | 26.6# |
| 249 | 0.0 | 24.8 | 37.2# |



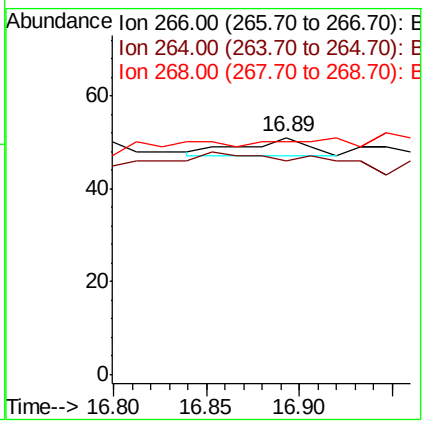


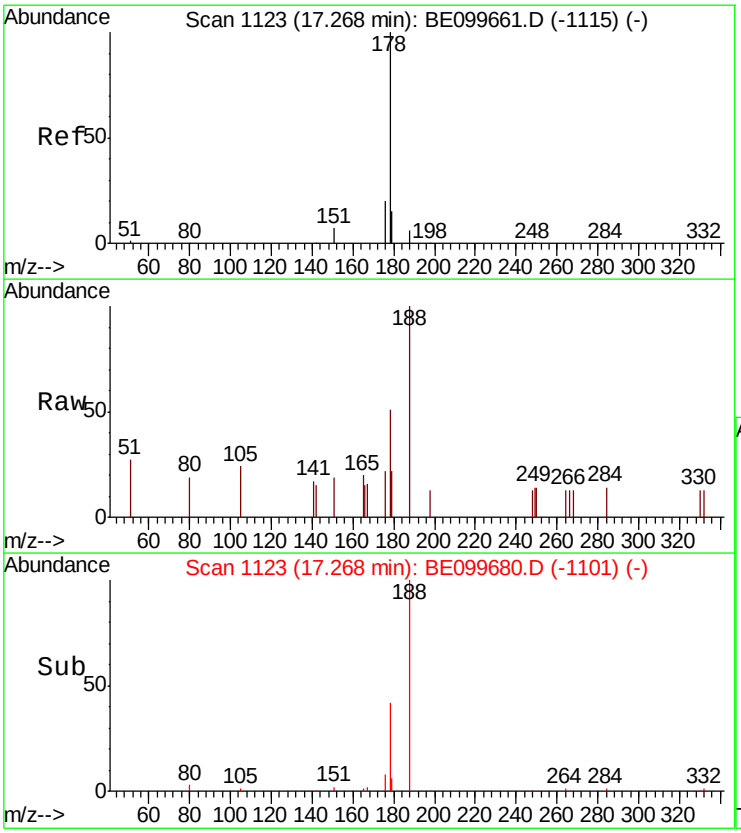

#22
Pentachlorophenol
Concen: 0.186 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:266 Resp: 10

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 264 | 90.2 | 57.2 | 85.8# |
| 268 | 98.0 | 60.5 | 90.7# |

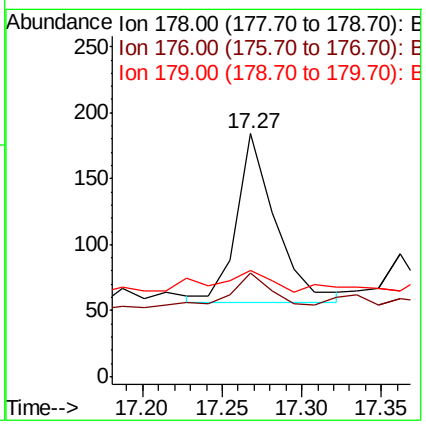


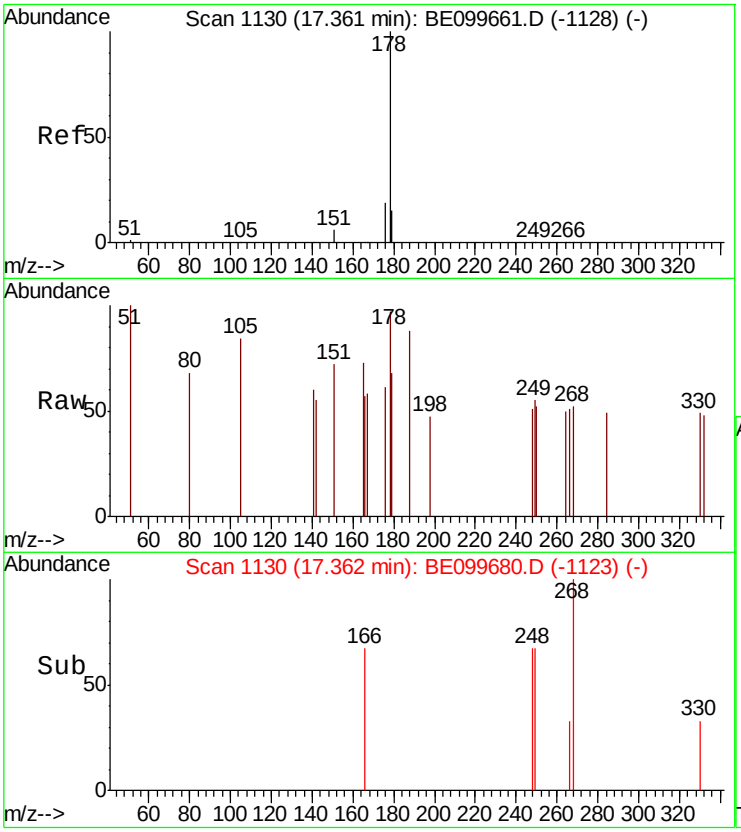




#23
Phenanthrene
Concen: 0.008 ng
RT: 17.27 min Scan# 1123
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:178 Resp: 220

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 23.2 | 15.6 | 23.4 |
| 179 | 19.5 | 12.2 | 18.4# |



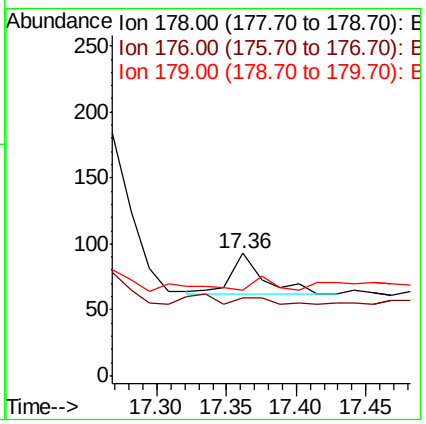


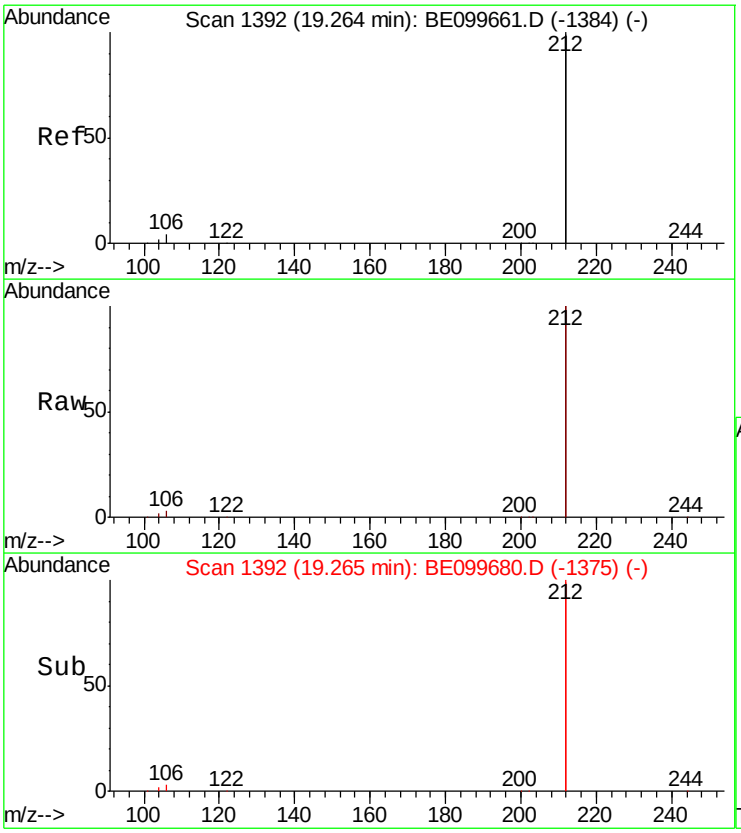

#24
Anthracene
Concen: 0.002 ng
RT: 17.36 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:178 Resp: 51

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 14.7 | 22.1# |
| 179 | 19.6 | 12.0 | 18.0# |

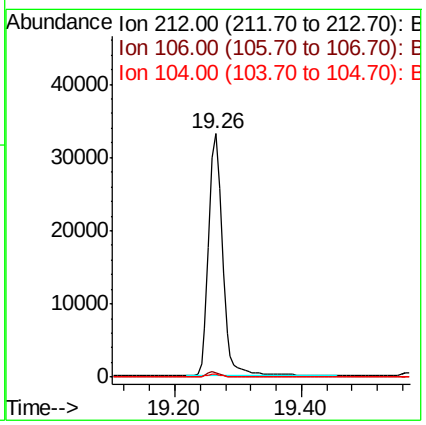


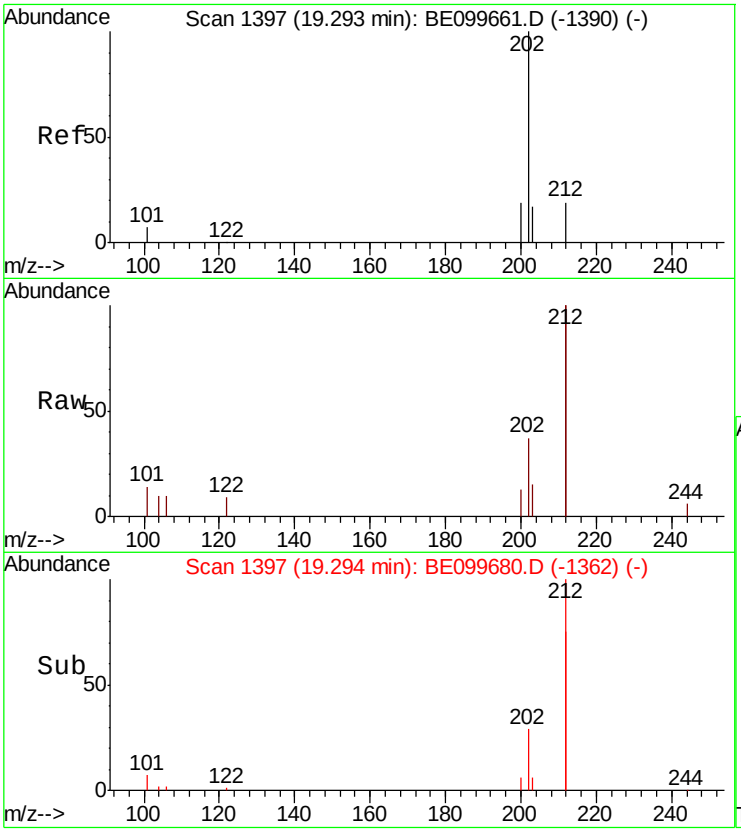




#25
Fluoranthene-d10
Concen: 0.332 ng
RT: 19.26 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:212 Resp: 49888

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 212 | 100 | | |
| 106 | 1.8 | 1.4 | 2.2 |
| 104 | 1.1 | 0.8 | 1.2 |



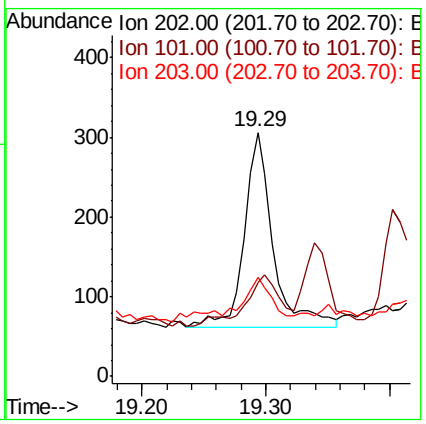


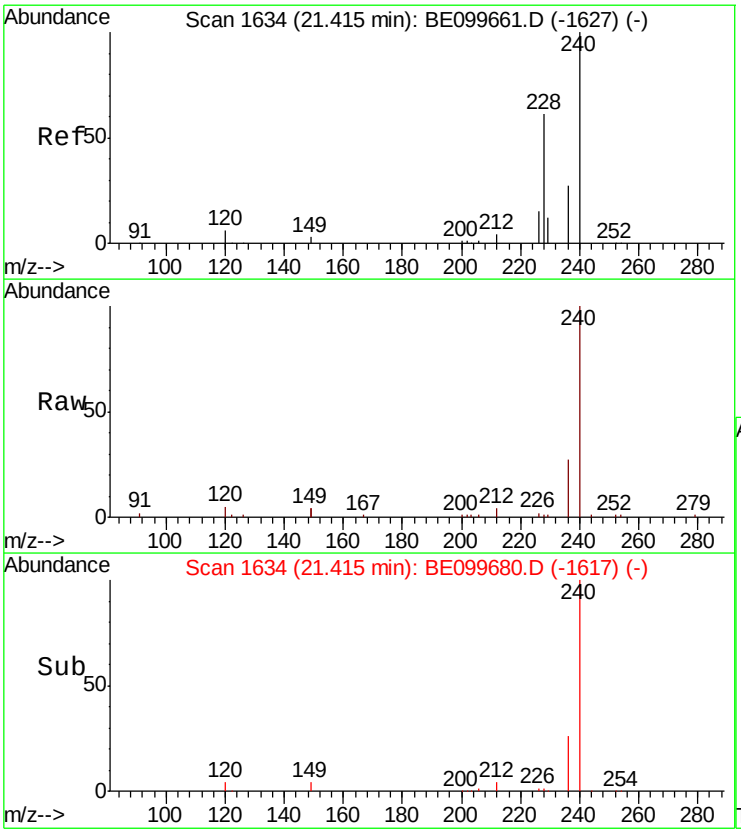

#26
Fluoranthene
Concen: 0.009 ng
RT: 19.29 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:202 Resp: 394

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 20.8 | 5.2 | 7.8# |
| 203 | 15.7 | 13.8 | 20.6 |

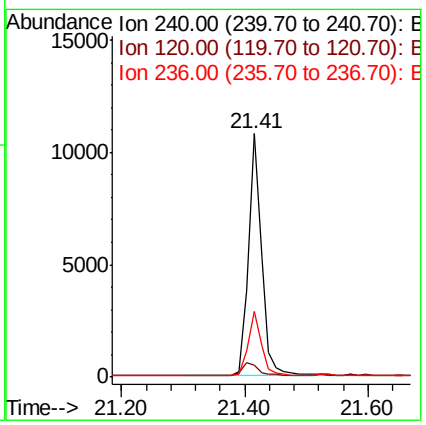


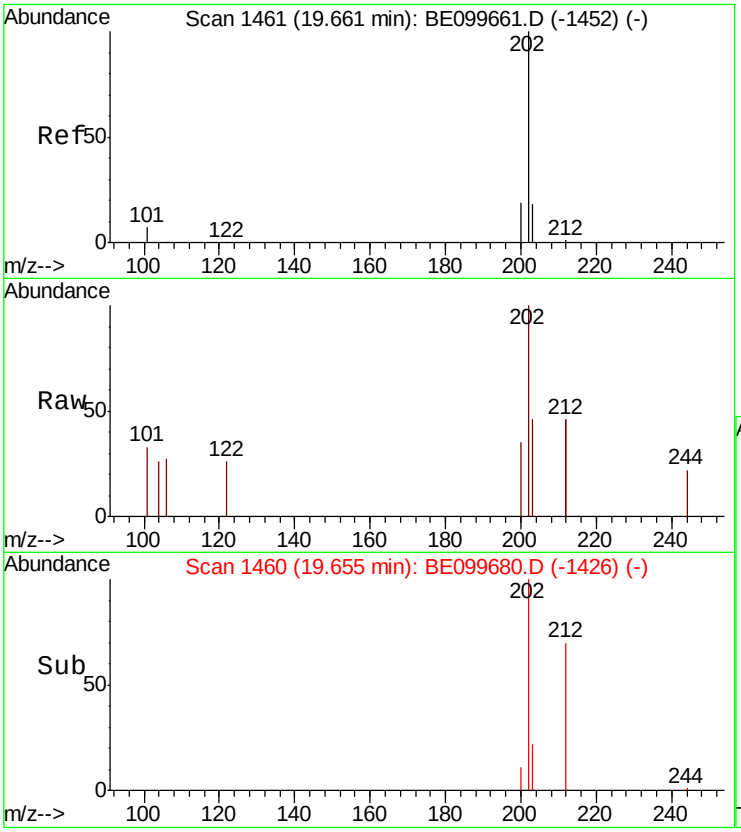




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 1634
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:240 Resp: 15945

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 4.8 | 5.4 | 8.0# |
| 236 | 26.8 | 21.7 | 32.5 |



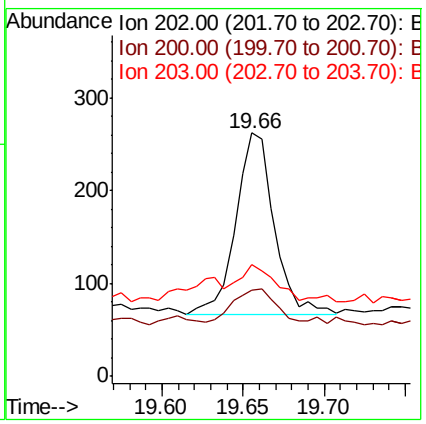


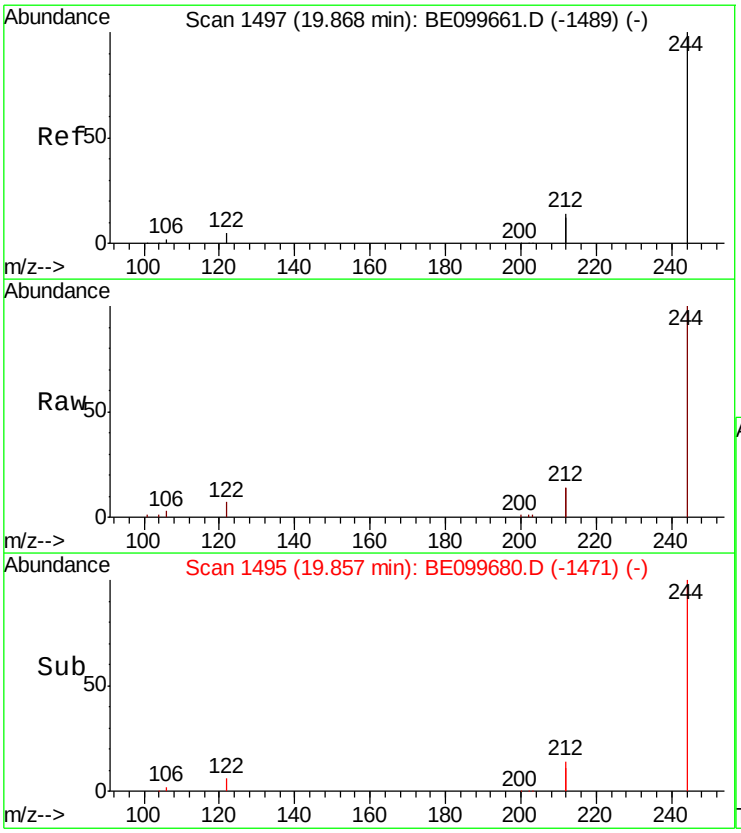

#28
Pyrene
Concen: 0.008 ng
RT: 19.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:202 Resp: 318

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 20.1 | 15.4 | 23.2 |
| 203 | 22.3 | 13.8 | 20.8# |

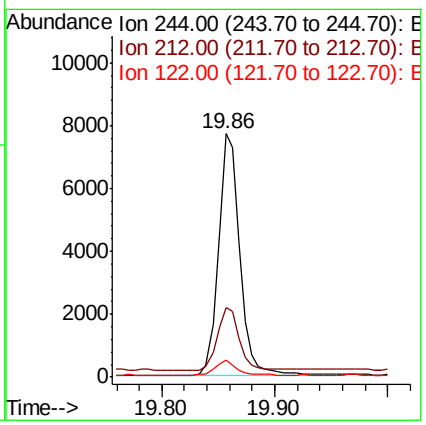


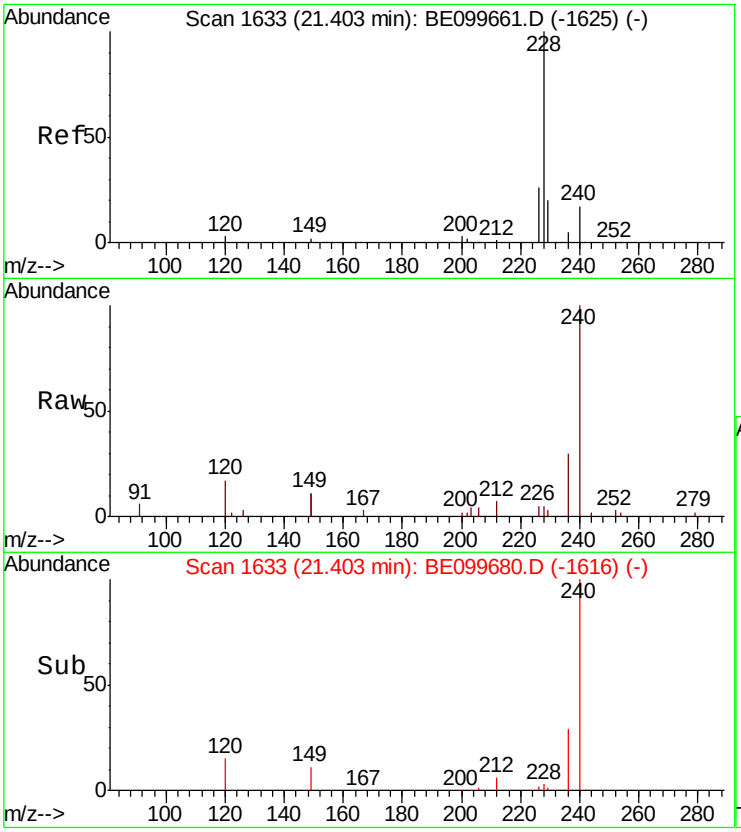




#29
Terphenyl-d14
Concen: 0.357 ng
RT: 19.86 min Scan# 1495
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:244 Resp: 10162

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 28.5 | 22.5 | 33.7 |
| 122 | 6.9 | 4.3 | 6.5# |



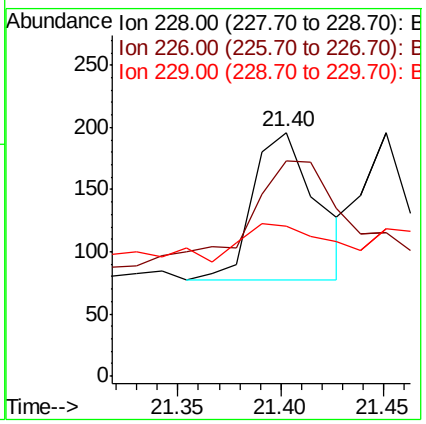


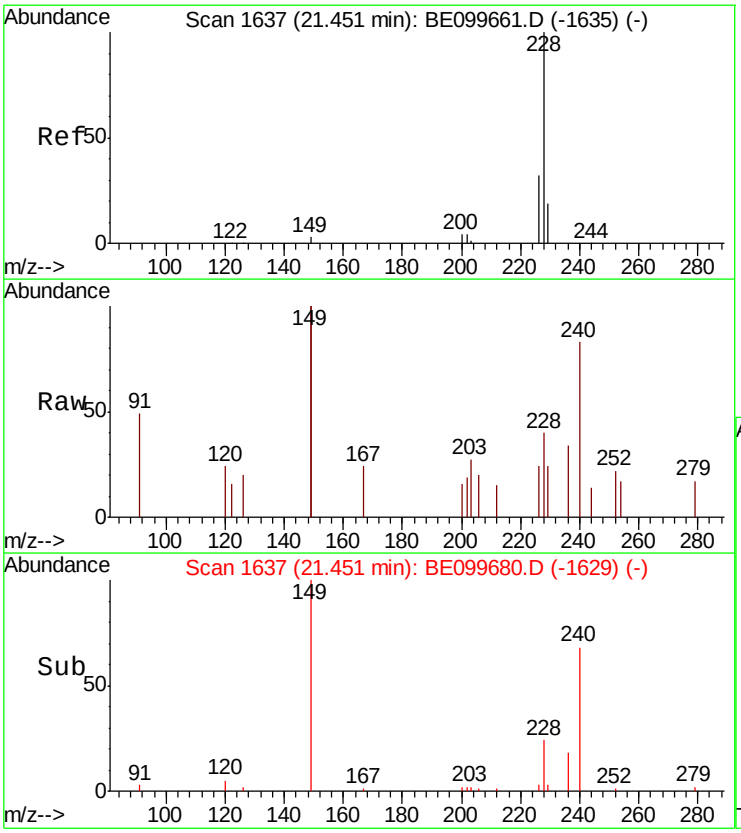

#30
Benzo(a)anthracene
Concen: 0.006 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:228 Resp: 261

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 88.3 | 21.3 | 31.9# |
| 229 | 61.7 | 16.1 | 24.1# |

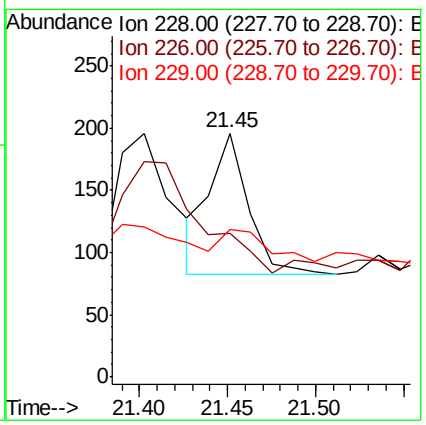


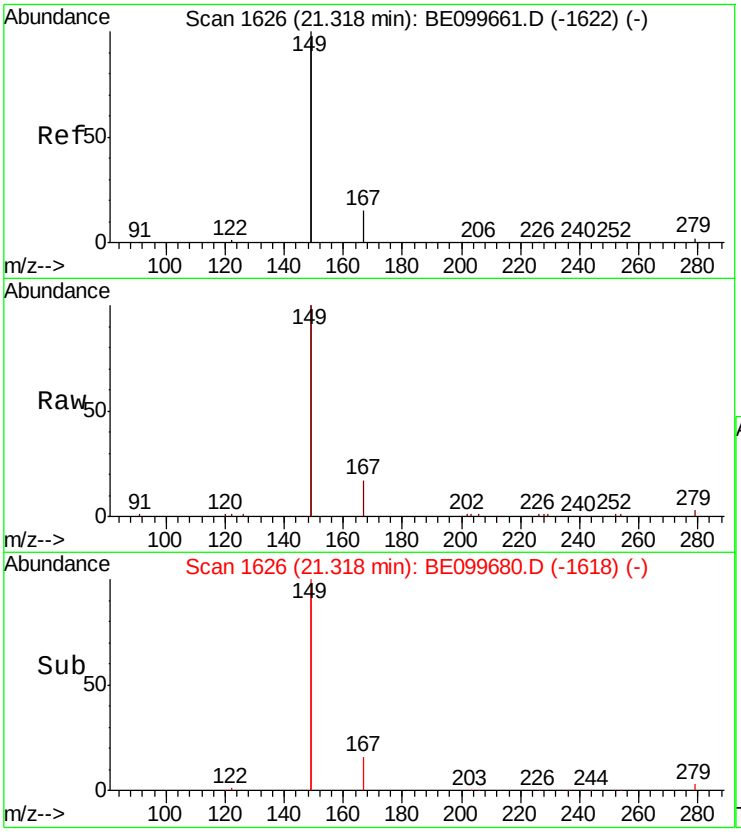




#31
Chrysene
Concen: 0.004 ng
RT: 21.45 min Scan# 1637
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:228 Resp: 173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 59.2 | 24.7 | 37.1# |
| 229 | 60.7 | 15.8 | 23.6# |



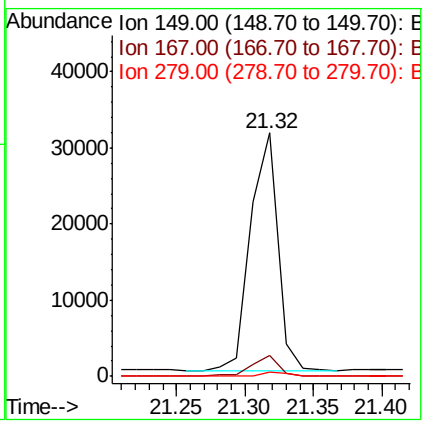


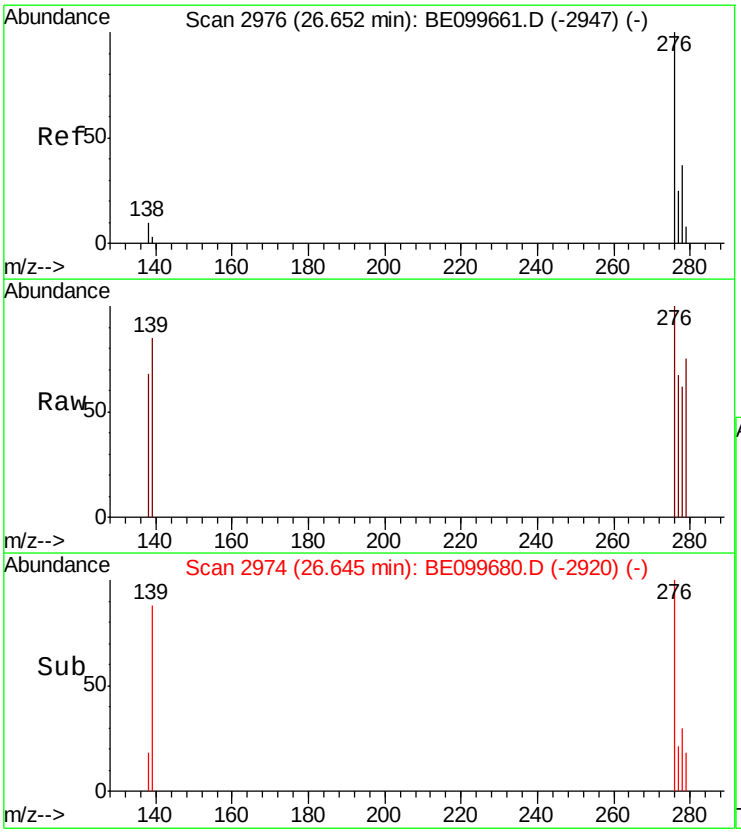

#32
Bis(2-ethylhexyl)phthalate
Concen: 0.823 ng
RT: 21.32 min Scan# 1626
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:149 Resp: 42978

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 7.7 | 6.2 | 9.4 |
| 279 | 1.5 | 1.2 | 1.8 |

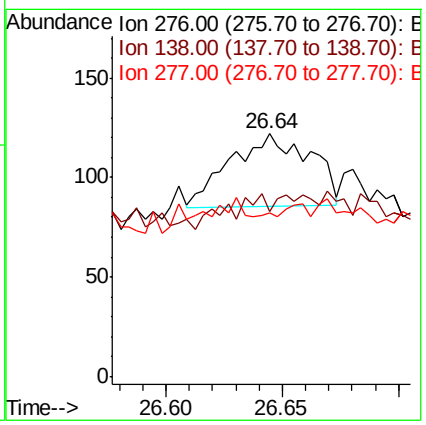


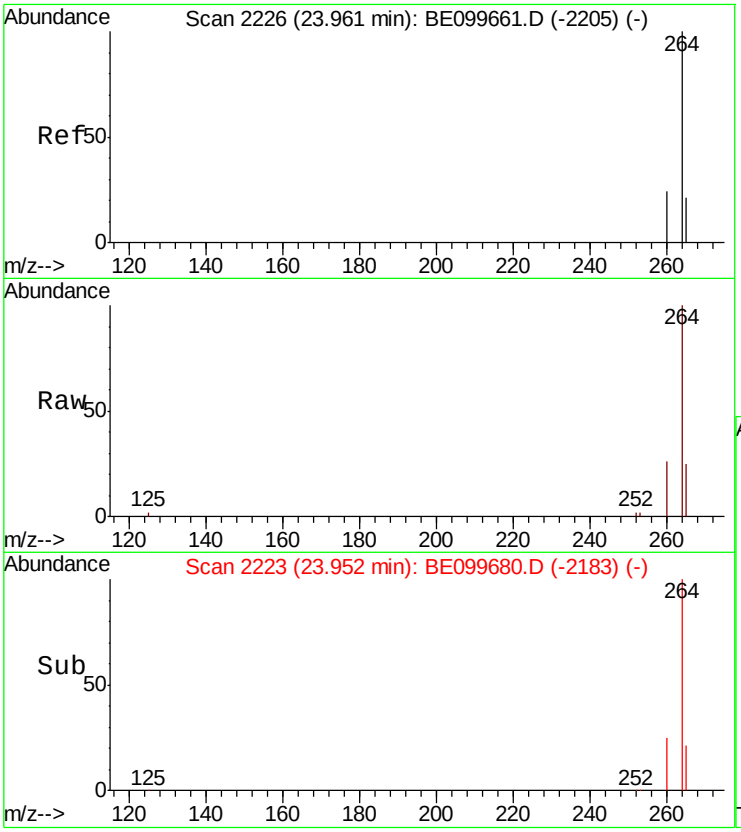




#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.64 min Scan# 2974
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:276 Resp: 87

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.1 | 9.6 | 14.4# |
| 277 | 6.9 | 19.2 | 28.8# |



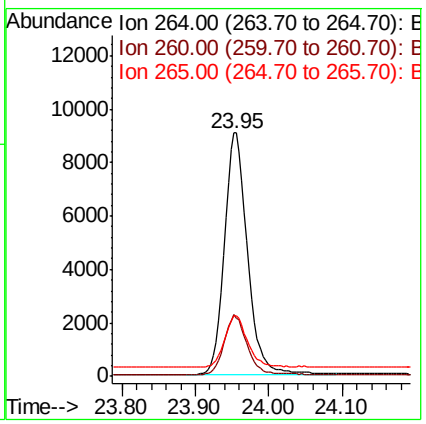


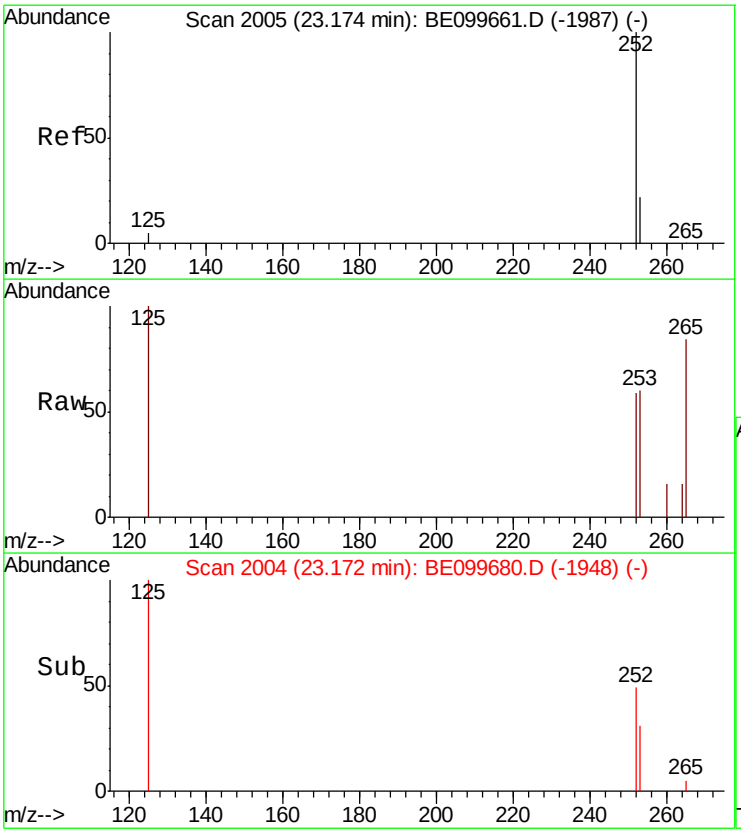

#34
Perylene-d12
Concen: 0.400 ng
RT: 23.95 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:264 Resp: 20017

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 25.5 | 19.6 | 29.4 |
| 265 | 24.7 | 19.1 | 28.7 |

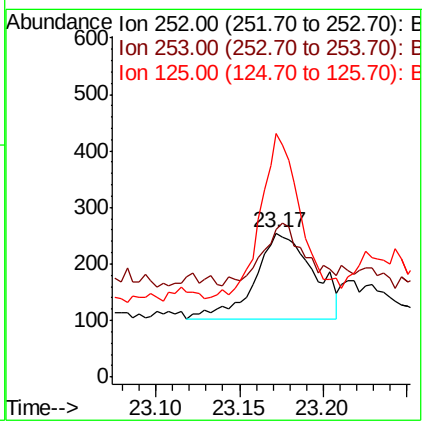


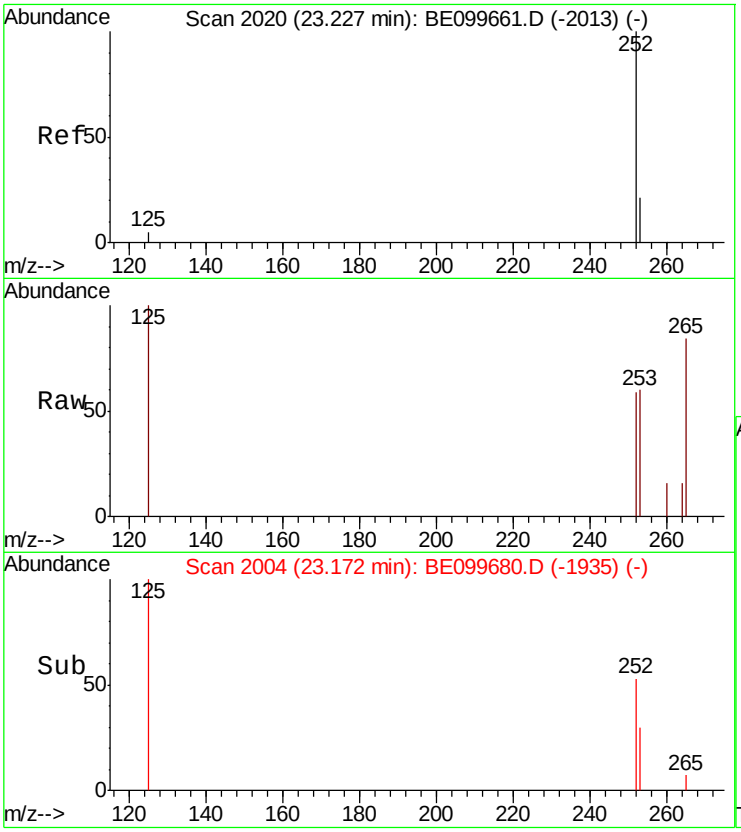




#35
Benzo(b)fluoranthene
Concen: 0.007 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:252 Resp: 373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 102.0 | 18.2 | 27.4# |
| 125 | 169.0 | 4.5 | 6.7# |



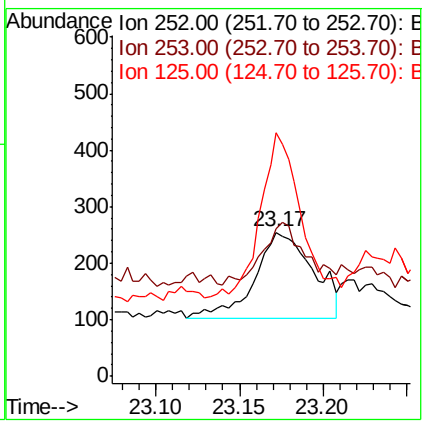


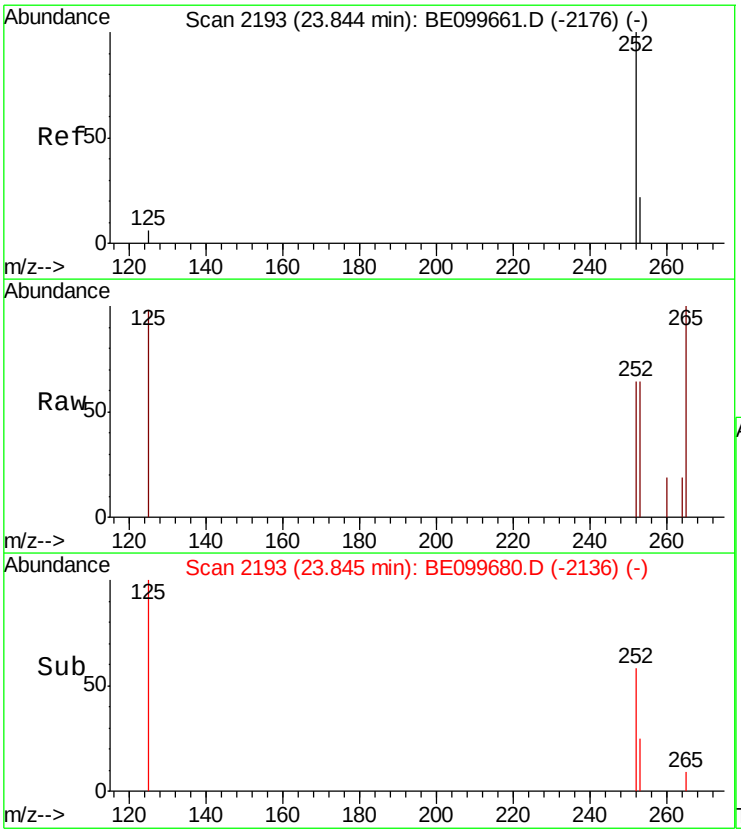

#36
Benzo(k)fluoranthene
Concen: 0.007 ng
RT: 23.17 min Scan# 2004
Delta R.T. -0.06 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:252 Resp: 373

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 102.0 | 17.8 | 26.8# |
| 125 | 169.0 | 4.6 | 6.8# |

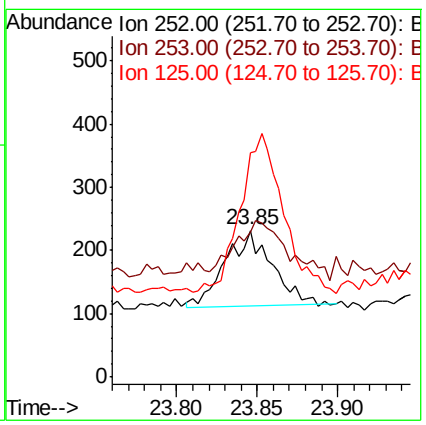


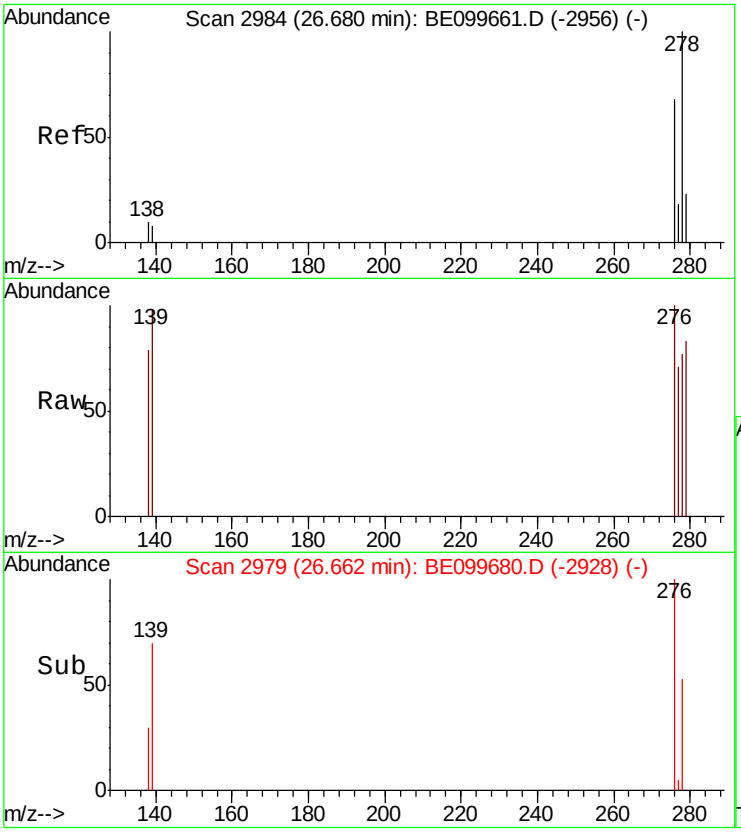




#37
Benzo(a)pyrene
Concen: 0.005 ng
RT: 23.85 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:252 Resp: 241

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 99.1 | 18.9 | 28.3# |
| 125 | 153.0 | 5.4 | 8.0# |



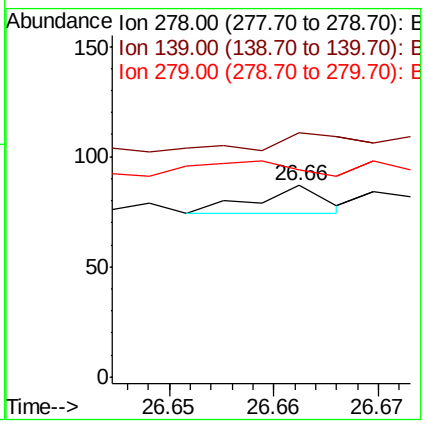


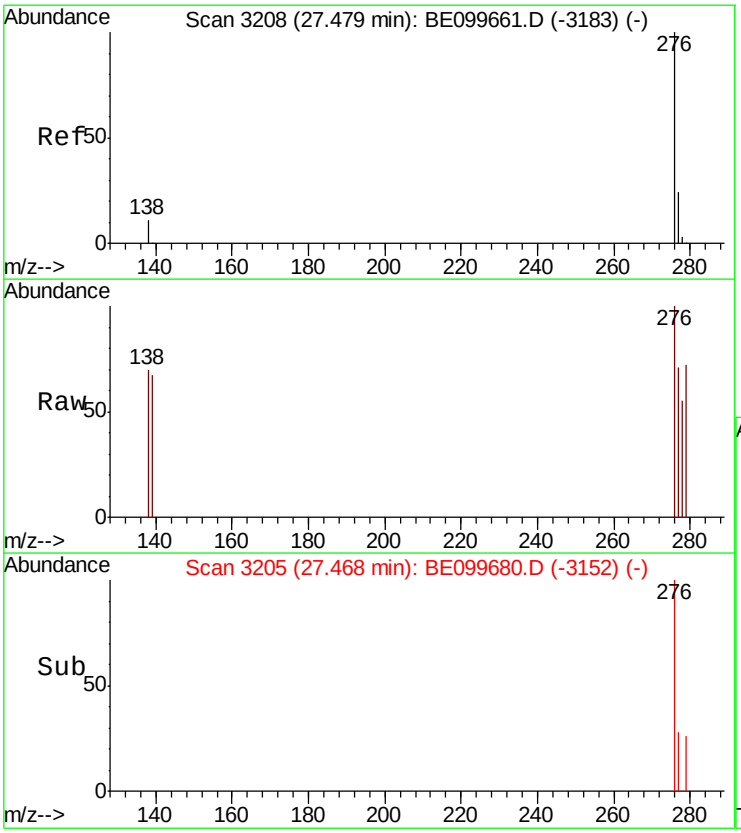

#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 26.66 min Scan# 2979
Delta R.T. -0.02 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

**Instrument :**
BNA_E
**ClientSampleId :**
FESB-3(4.5-5)

Tgt Ion:278 Resp: 6

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 127.6 | 6.9 | 10.3# |
| 279 | 108.0 | 19.2 | 28.8# |




#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 27.47 min Scan# 3205
Delta R.T. -0.01 min
Lab File: BE099680.D
Acq: 21 May 2019 3:08

Tgt Ion:276 Resp: 76

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 70.7 | 19.8 | 29.6# |
| 138 | 69.9 | 9.2 | 13.8# |