Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033690.D
Acq On : 10 Jan 2022 17:16
Operator : CG/JU
Sample : N1081-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Quant Time: Jan 11 02:25:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration

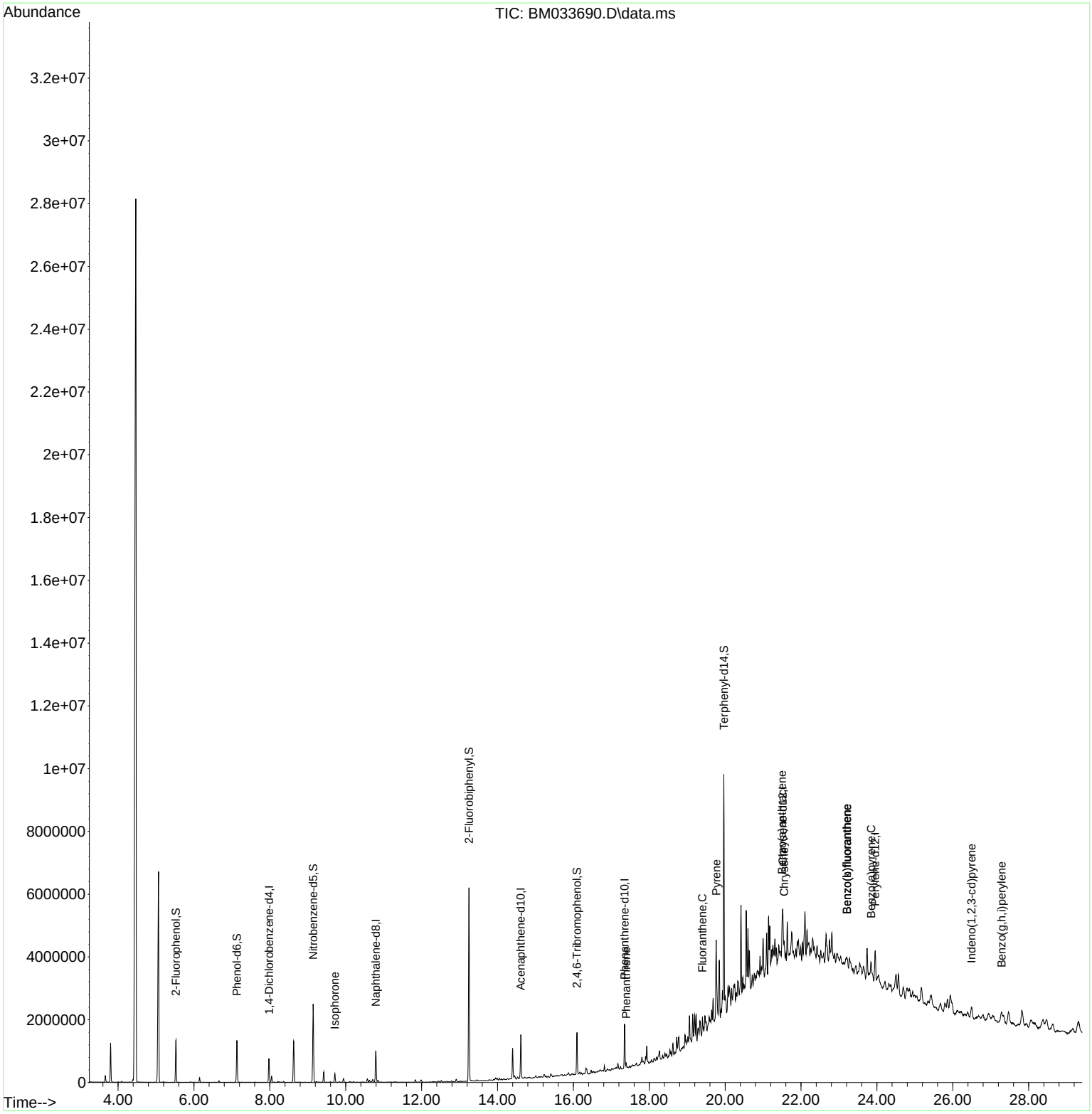
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.978 | 152 | 194521 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.795 | 136 | 796839 | 20.000 | ng | -0.01 |
| 39) Acenaphthene-d10 | 14.613 | 164 | 476140 | 20.000 | ng | -0.01 |
| 64) Phenanthrene-d10 | 17.348 | 188 | 819346 | 20.000 | ng | -0.01 |
| 76) Chrysene-d12 | 21.518 | 240 | 630816 | 20.000 | ng | 0.00 |
| 86) Perylene-d12 | 23.953 | 264 | 687789 | 20.000 | ng | 0.00 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.525 | 112 | 538552 | 43.665 | ng | 0.00 |
| 7) Phenol-d6 | 7.131 | 99 | 685460 | 41.236 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.142 | 82 | 1377788 | 79.853 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.095 | 330 | 219173 | 44.071 | ng | -0.01 |
| 45) 2-Fluorobiphenyl | 13.248 | 172 | 3008849 | 82.769 | ng | -0.01 |
| 79) Terphenyl-d14 | 19.965 | 244 | 3133637 | 89.416 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 9) Benzaldehyde | 7.095 | 77 | 255 | Below Cal | # | 37 |
| 25) Isophorone | 9.713 | 82 | 160878 | 5.756 | ng | 95 |
| 71) Phenanthrene | 17.395 | 178 | 98526 | 2.101 | ng # | 96 |
| 75) Fluoranthene | 19.401 | 202 | 185139 | 3.761 | ng | 87 |
| 78) Pyrene | 19.765 | 202 | 1547013 | 34.832 | ng | 98 |
| 81) Benzo(a)anthracene | 21.500 | 228 | 424675 | 9.928 | ng # | 64 |
| 83) Chrysene | 21.553 | 228 | 411420 | 10.051 | ng # | 81 |
| 87) Indeno(1,2,3-cd)pyrene | 26.494 | 276 | 130502 | 2.573 | ng | 98 |
| 88) Benzo(b)fluoranthene | 23.212 | 252 | 229697 | 5.238 | ng # | 67 |
| 89) Benzo(k)fluoranthene | 23.212 | 252 | 229697 | 5.405 | ng # | 69 |
| 90) Benzo(a)pyrene | 23.847 | 252 | 383681 | 10.542 | ng # | 83 |
| 92) Benzo(g,h,i)perylene | 27.288 | 276 | 481302 | 11.620 | ng | 95 |

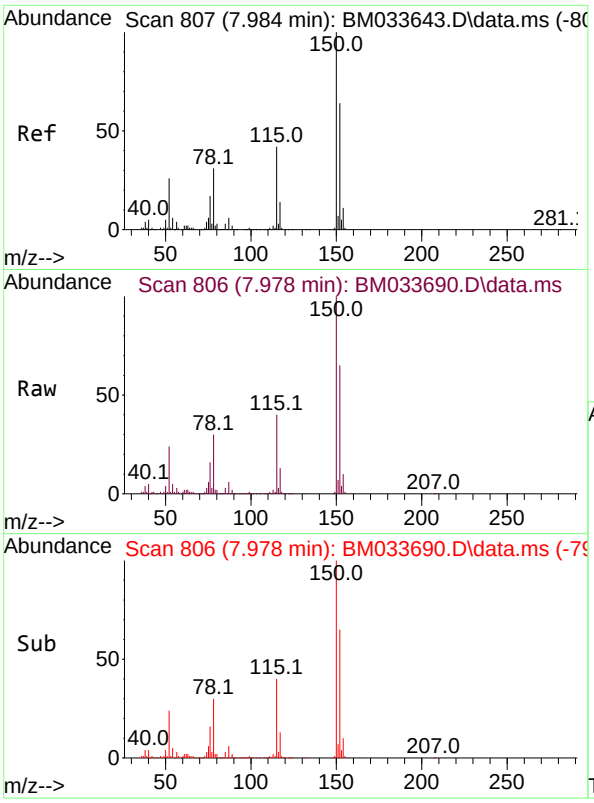
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011022\
Data File : BM033690.D
Acq On : 10 Jan 2022 17:16
Operator : CG/JU
Sample : N1081-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Quant Time: Jan 11 02:25:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM010522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 17:07:26 2022
Response via : Initial Calibration



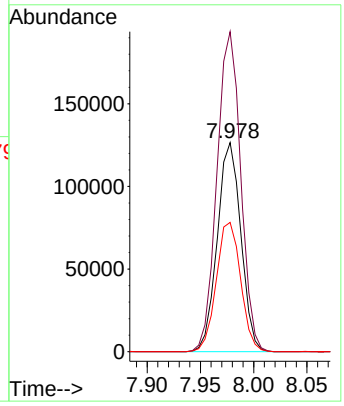


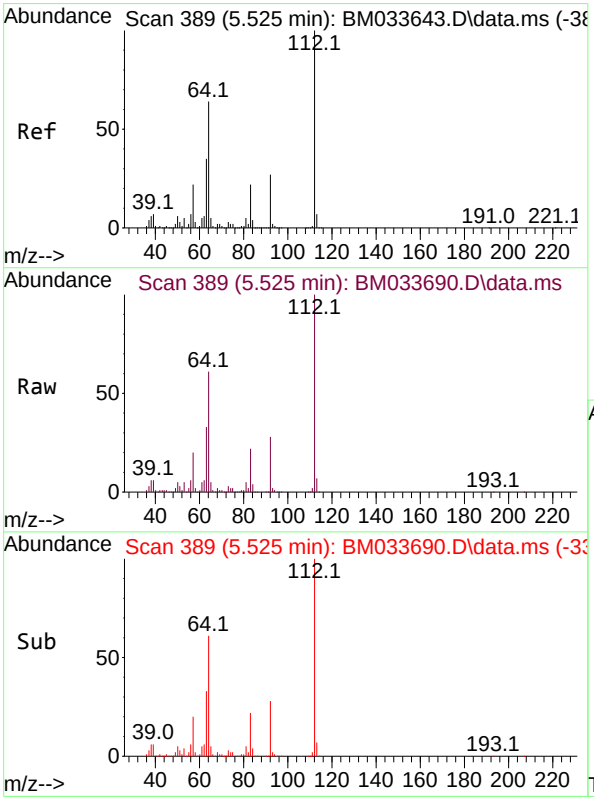

#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.978 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:152 Resp: 194521

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 153.0 | 128.9 | 193.3 |
| 115 | 61.8 | 53.0 | 79.6 |

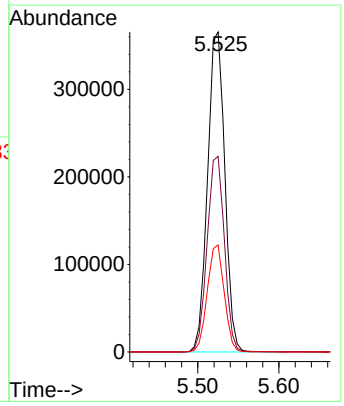


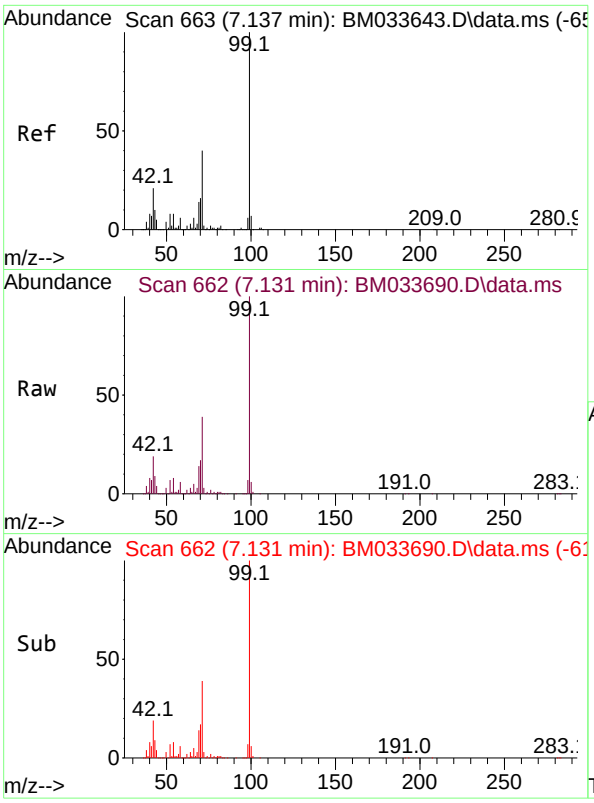




#5
2-Fluorophenol
Concen: 43.665 ng
RT: 5.525 min Scan# 389
Delta R.T. -0.000 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:112 Resp: 538552

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 61.1 | 55.5 | 83.3 |
| 63 | 33.4 | 31.3 | 46.9 |



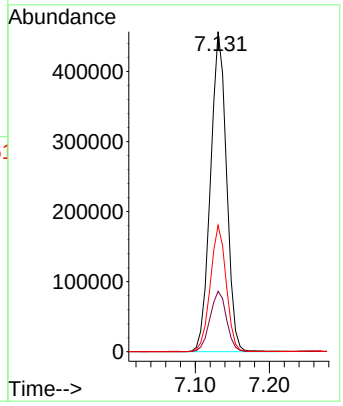


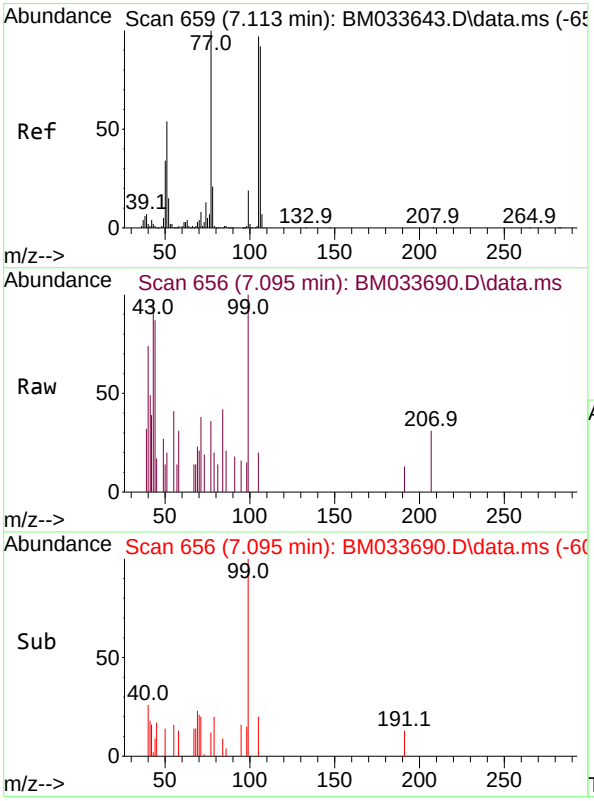

#7
Phenol-d6
Concen: 41.236 ng
RT: 7.131 min Scan# 6
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion: 99 Resp: 685460

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 18.8 | 20.3 | 30.5# |
| 71 | 39.5 | 34.5 | 51.7 |

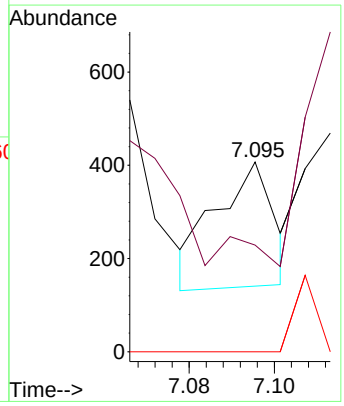


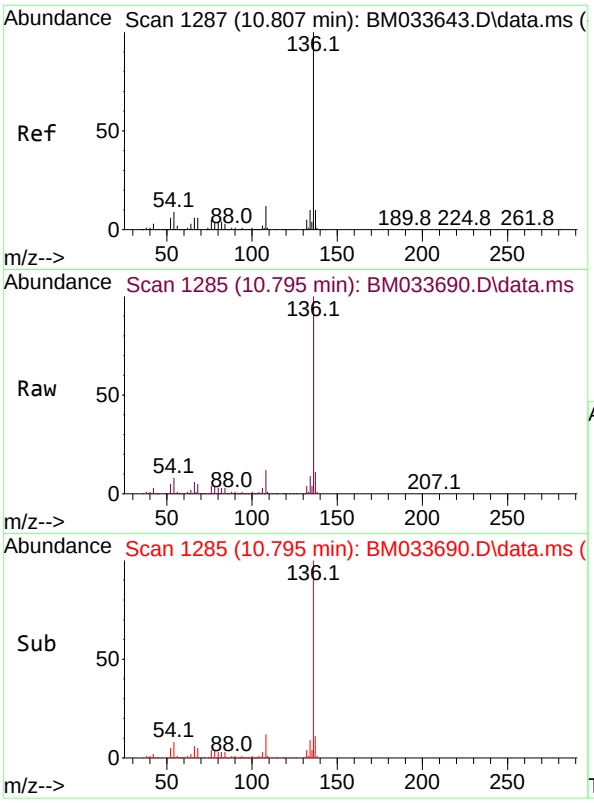




#9
Benzaldehyde
Concen: Below Cal
RT: 7.095 min Scan# 656
Delta R.T. -0.018 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion: 77 Resp: 255

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 105 | 56.3 | 67.1 | 107.1# |
| 106 | 0.0 | 64.3 | 104.3# |



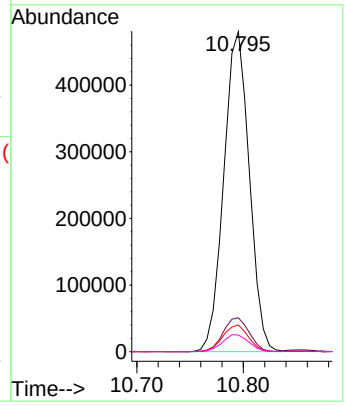


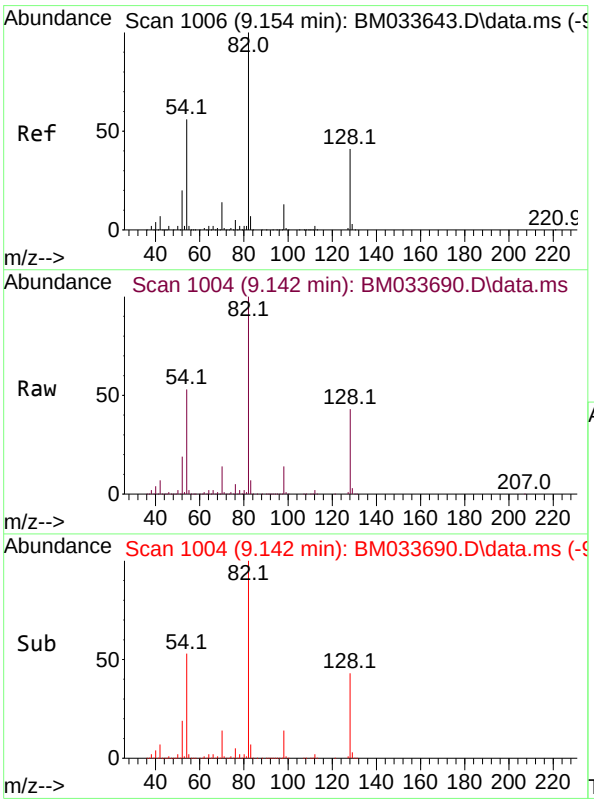

#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:136 Resp: 796839

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 10.6 | 8.6 | 13.0 |
| 54 | 8.3 | 8.3 | 12.5 |
| 68 | 5.2 | 5.0 | 7.6 |

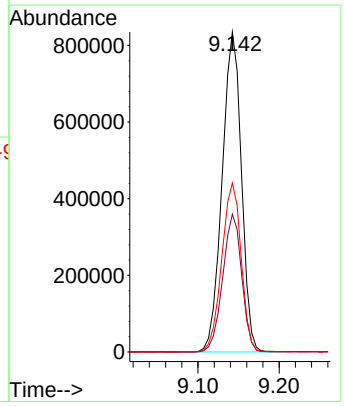


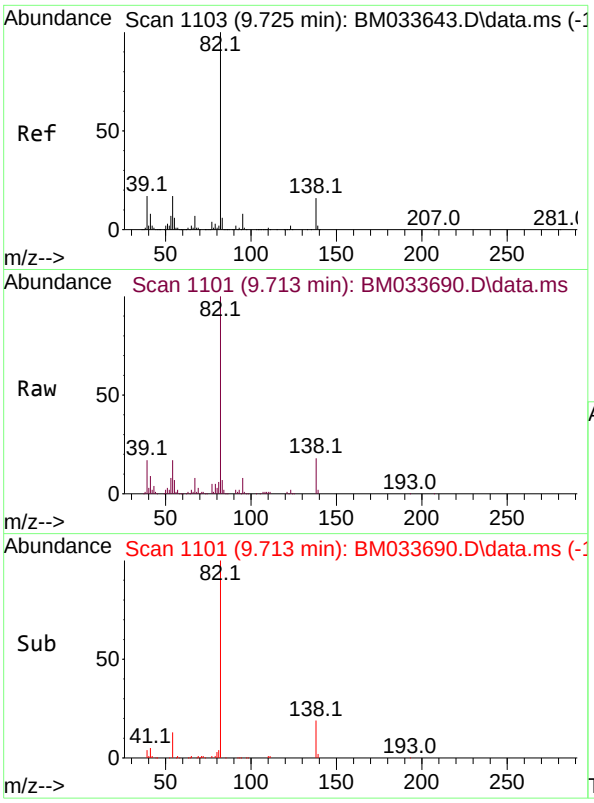




#23
Nitrobenzene-d5
Concen: 79.853 ng
RT: 9.142 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion: 82 Resp: 1377788

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 43.0 | 28.1 | 42.1# |
| 54 | 52.8 | 46.1 | 69.1 |



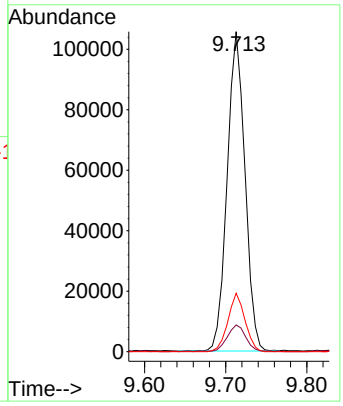


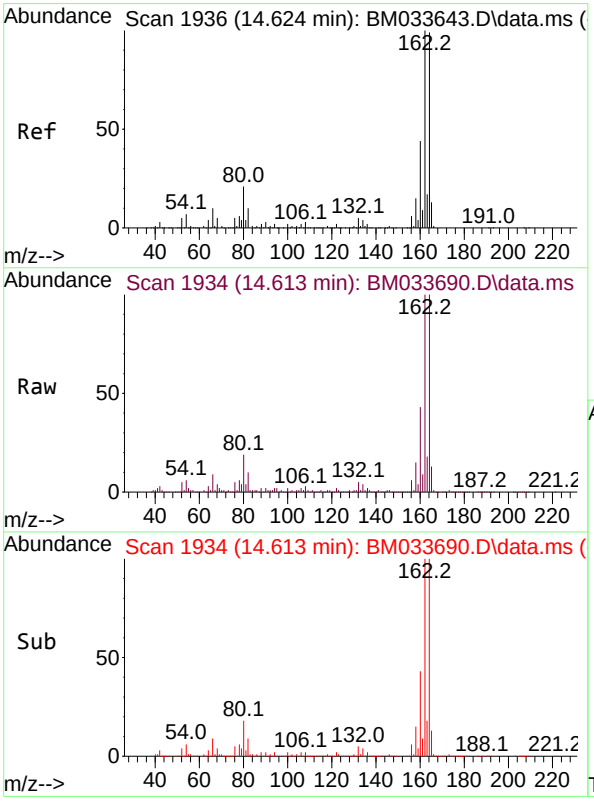

#25
Isophorone
Concen: 5.756 ng
RT: 9.713 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion: 82 Resp: 160878

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 8.3 | 6.4 | 9.6 |
| 138 | 18.3 | 12.4 | 18.6 |

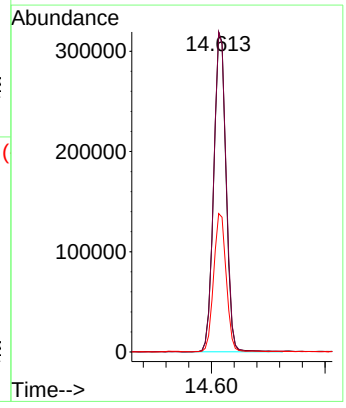


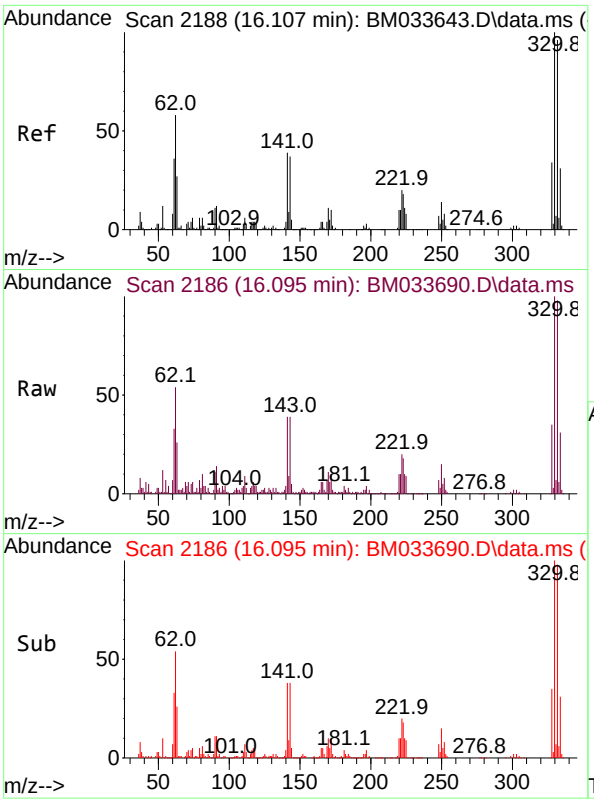




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.613 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:164 Resp: 476140

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 100.1 | 79.7 | 119.5 |
| 160 | 43.3 | 34.2 | 51.4 |



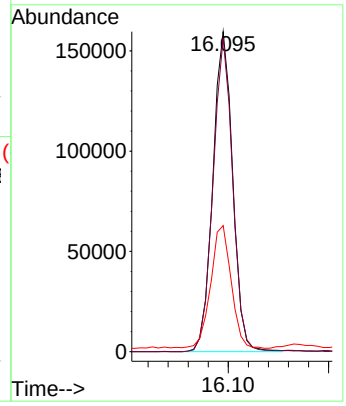


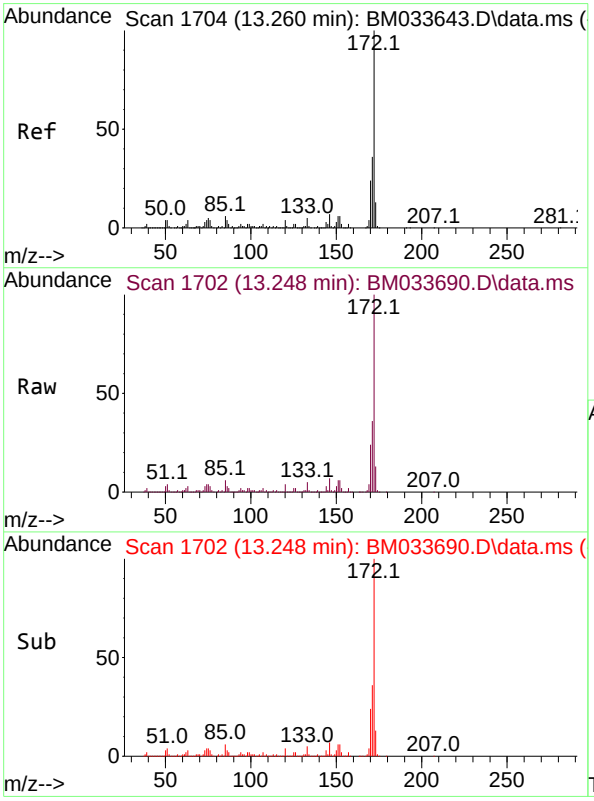

#42
2,4,6-Tribromophenol
Concen: 44.071 ng
RT: 16.095 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:330 Resp: 219173

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.0 | 76.5 | 114.7 |
| 141 | 39.7 | 35.9 | 53.9 |

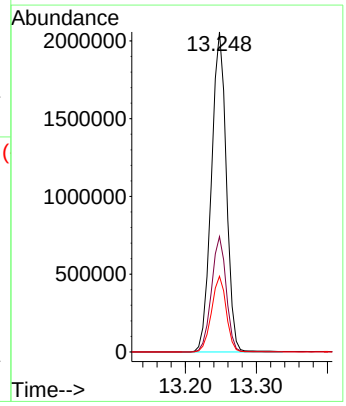


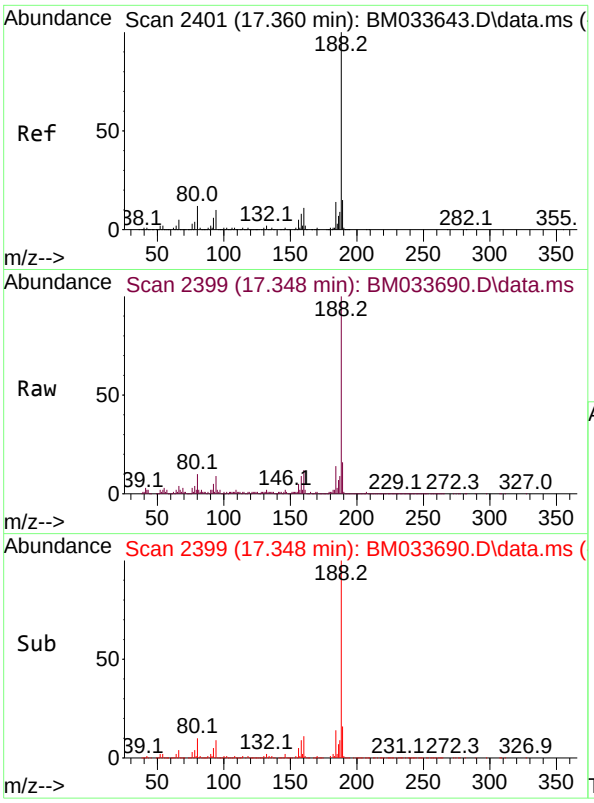




#45
2-Fluorobiphenyl
Concen: 82.769 ng
RT: 13.248 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:172 Resp: 3008849

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.0 | 27.2 | 40.8 |
| 170 | 23.7 | 18.7 | 28.1 |



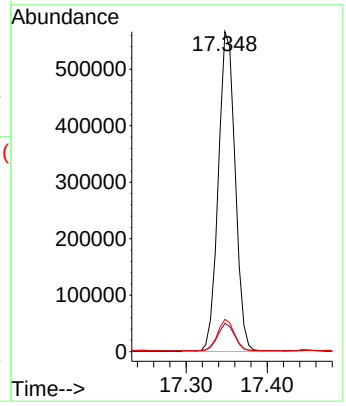


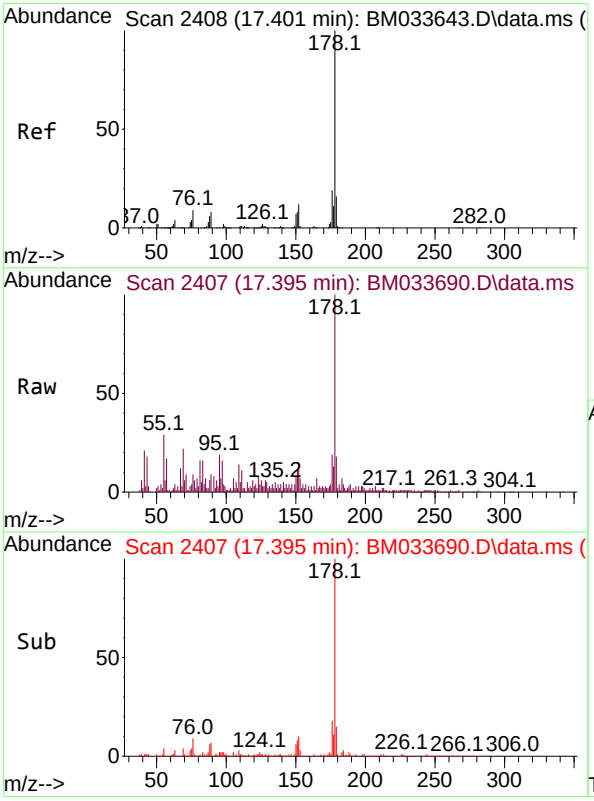

#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.348 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:188 Resp: 819346

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 8.9 | 7.5 | 11.3 |
| 80 | 10.1 | 8.9 | 13.3 |

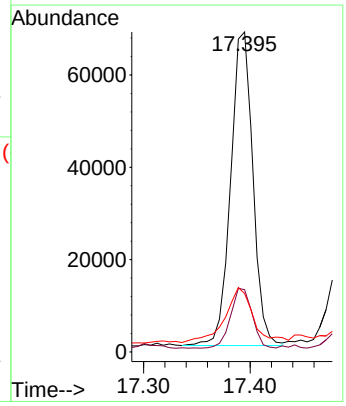


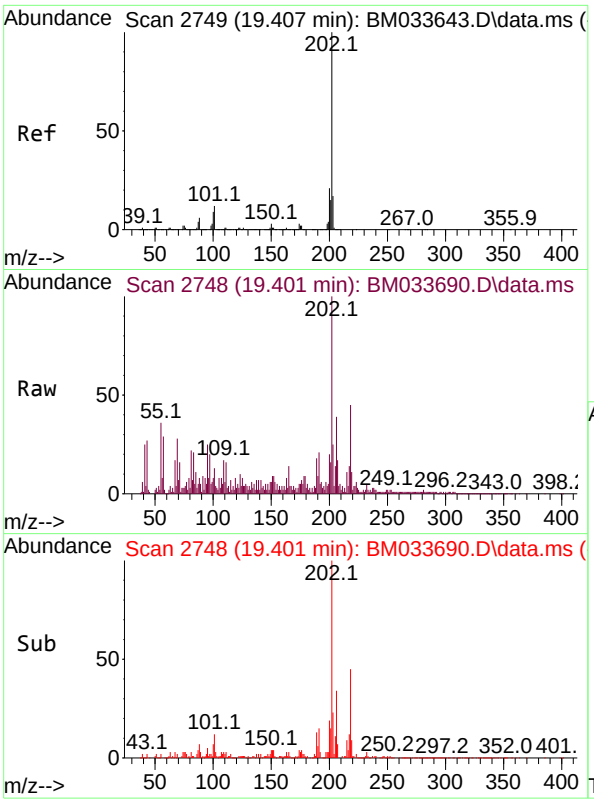




#71
Phenanthrene
Concen: 2.101 ng
RT: 17.395 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:178 Resp: 98526

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 19.4 | 15.1 | 22.7 |
| 179 | 18.2 | 12.0 | 18.0# |



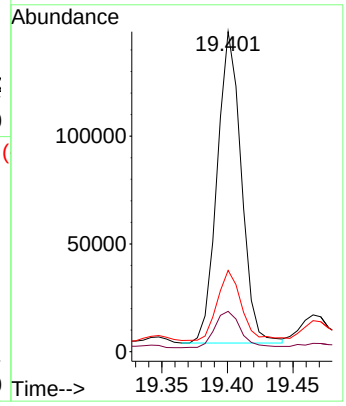


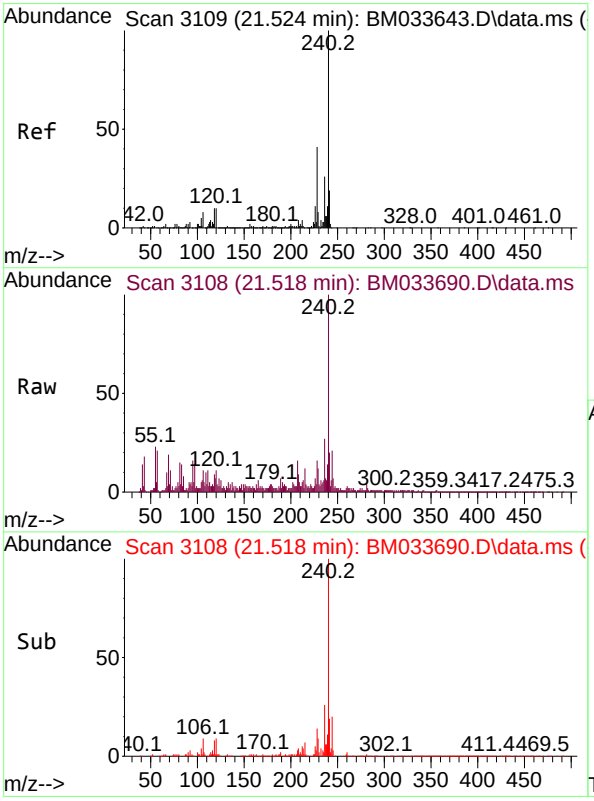

#75
Fluoranthene
Concen: 3.761 ng
RT: 19.401 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:202 Resp: 185139

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 12.6 | 0.0 | 30.8 |
| 203 | 25.4 | 0.0 | 37.2 |

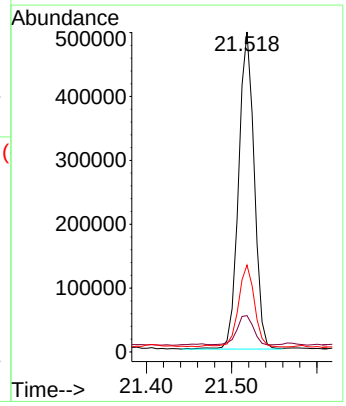


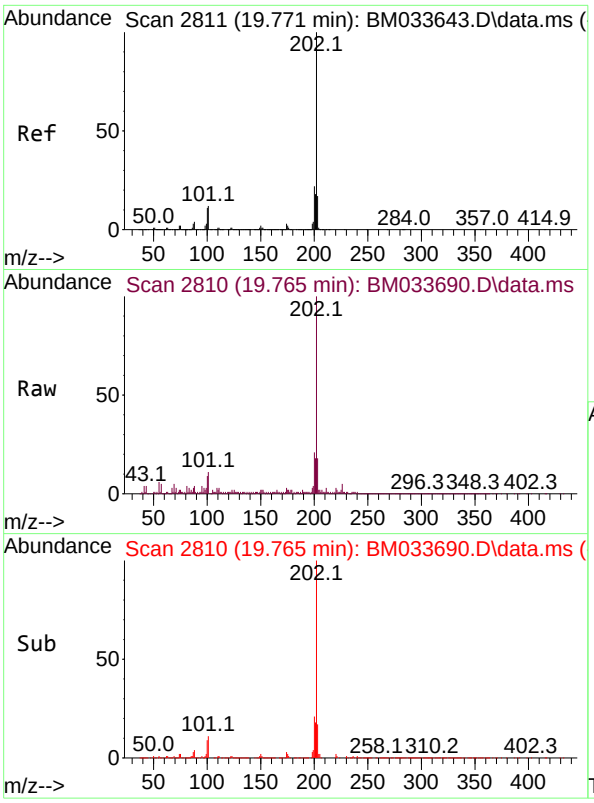




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.518 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:240 Resp: 630816

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 11.3 | 7.8 | 11.6 |
| 236 | 27.1 | 20.3 | 30.5 |



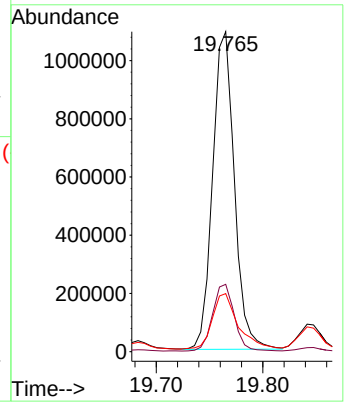


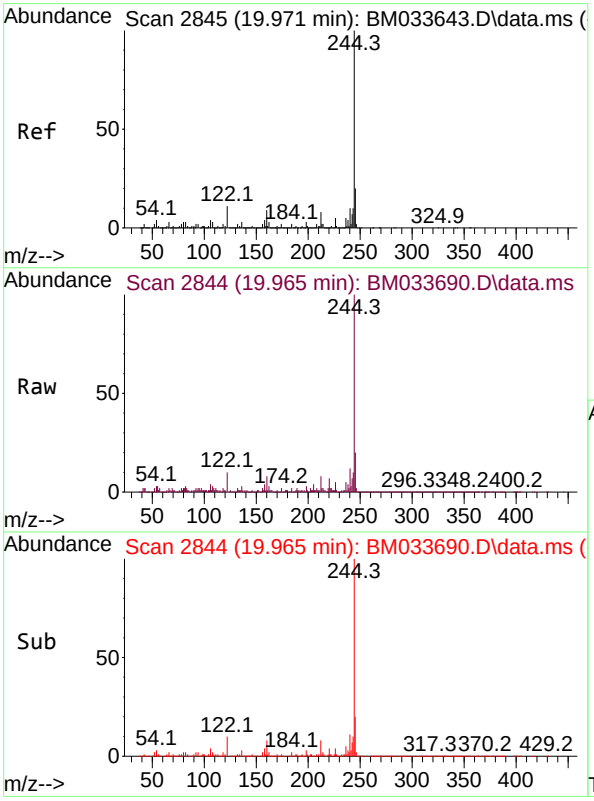

#78
Pyrene
Concen: 34.832 ng
RT: 19.765 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:202 Resp: 1547013

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 200 | 21.0 | 16.4 | 24.6 |
| 203 | 18.2 | 13.5 | 20.3 |

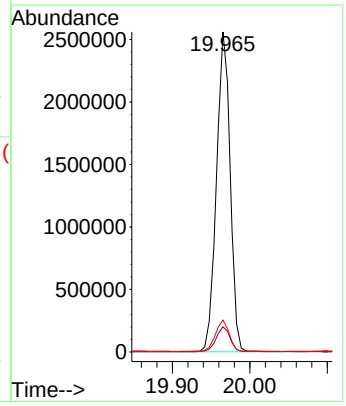


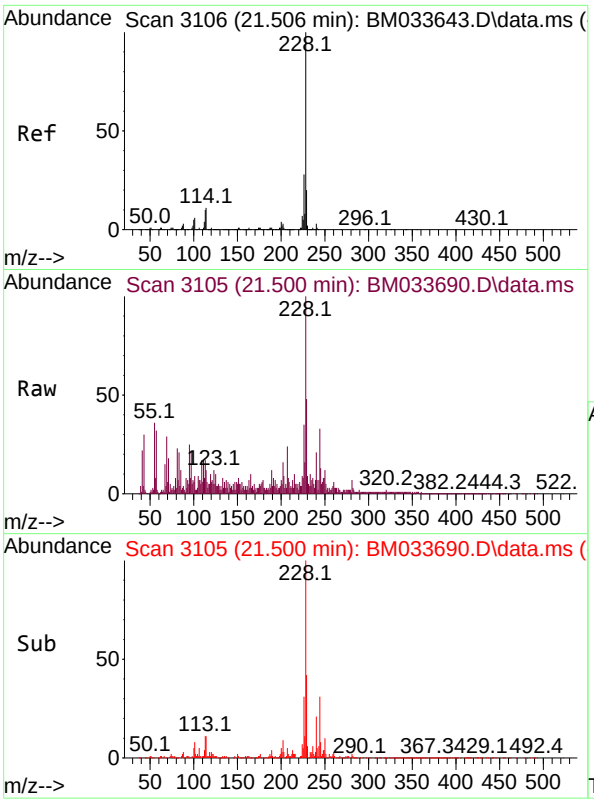




#79
Terphenyl-d14
Concen: 89.416 ng
RT: 19.965 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:244 Resp: 3133637

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 7.9 | 5.9 | 8.9 |
| 122 | 9.9 | 8.4 | 12.6 |



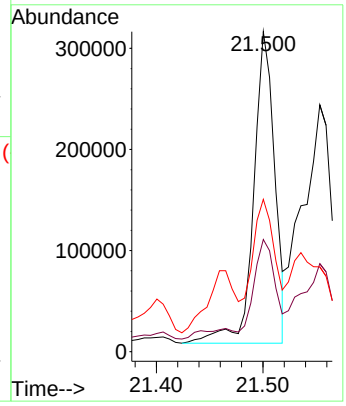


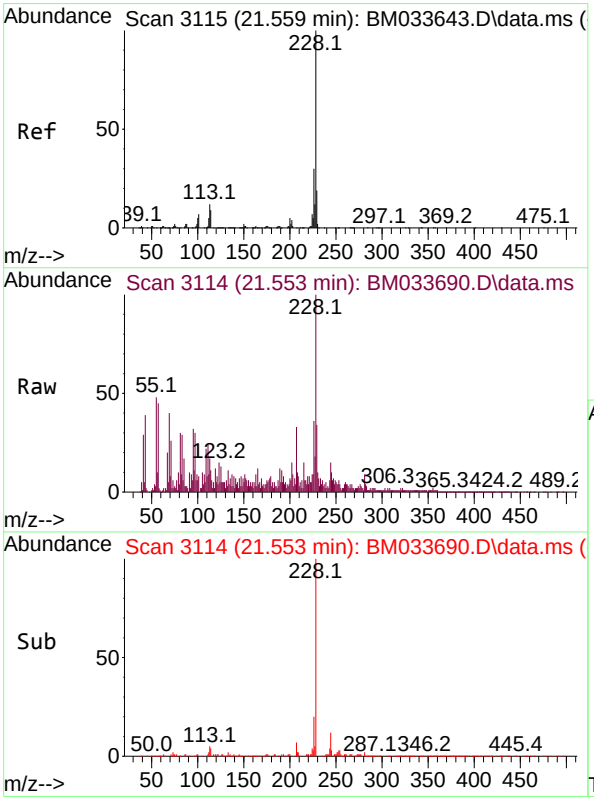

#81
Benzo(a)anthracene
Concen: 9.928 ng
RT: 21.500 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:228 Resp: 424675

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 35.0 | 21.0 | 31.6# |
| 229 | 47.6 | 15.5 | 23.3# |

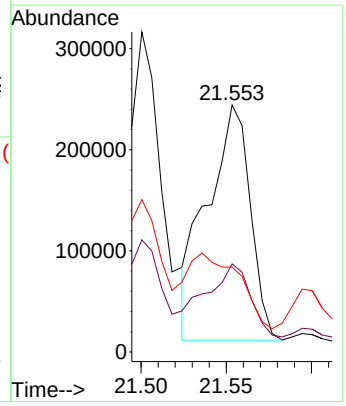


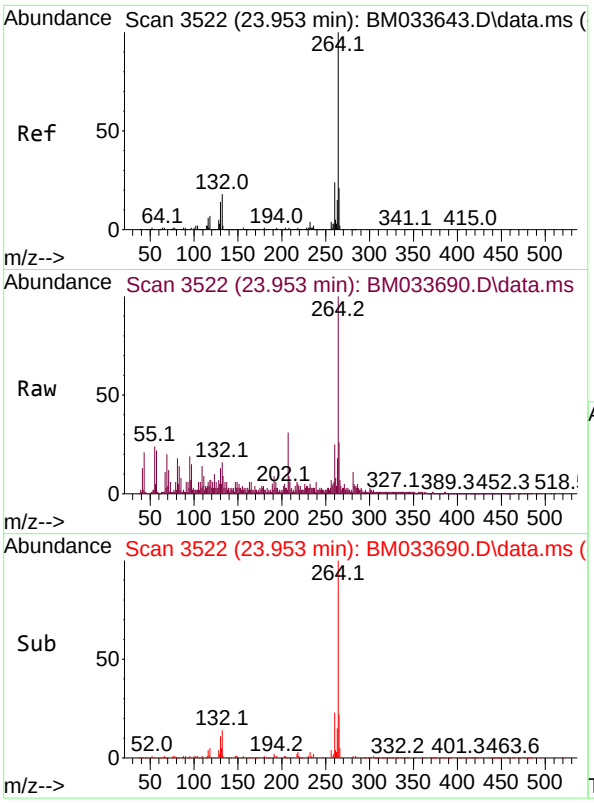




#83
Chrysene
Concen: 10.051 ng
RT: 21.553 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:228 Resp: 411420

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 35.6 | 23.8 | 35.8 |
| 229 | 34.4 | 15.8 | 23.8# |



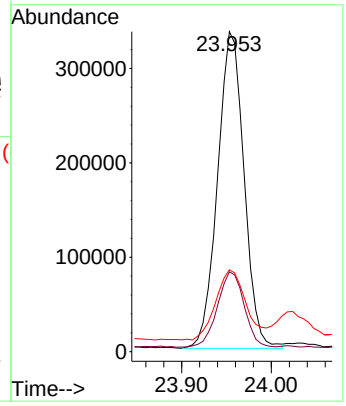


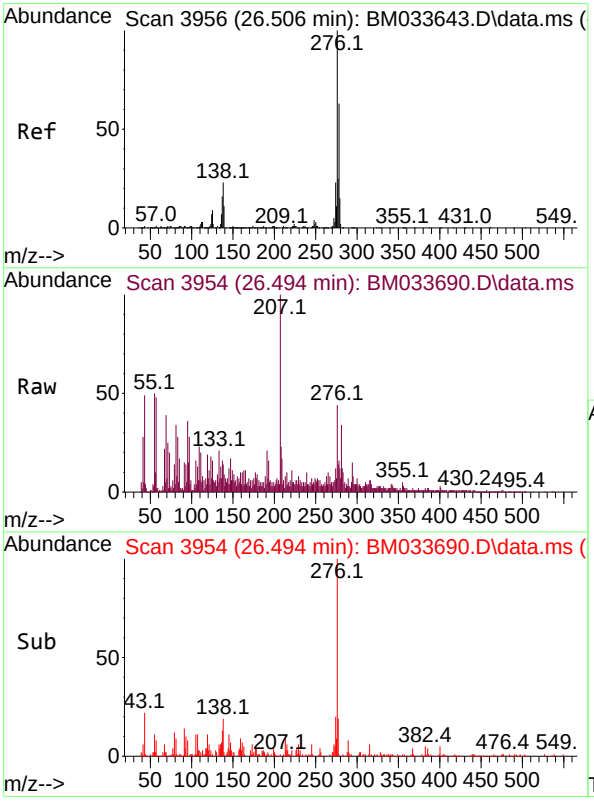

#86
Perylene-d12
Concen: 20.000 ng
RT: 23.953 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:264 Resp: 687789

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 24.9 | 17.7 | 26.5 |
| 265 | 25.6 | 17.7 | 26.5 |

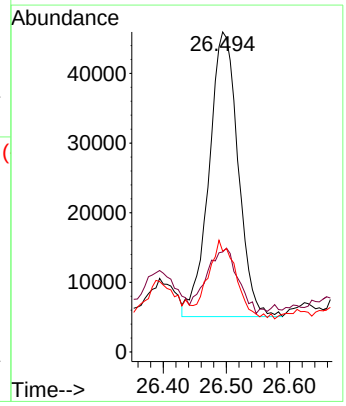


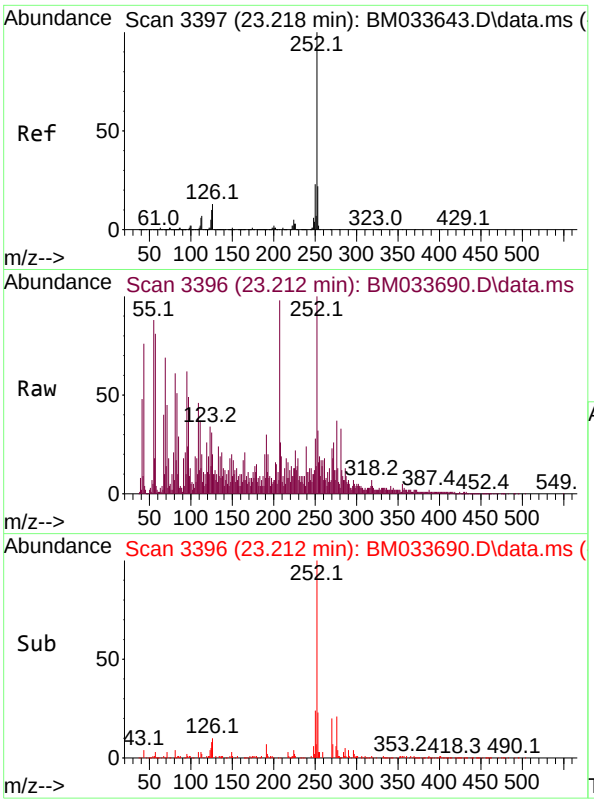




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.573 ng
RT: 26.494 min Scan# 3954
Delta R.T. -0.012 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:276 Resp: 130502

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 21.7 | 18.7 | 28.1 |
| 277 | 24.6 | 20.2 | 30.4 |



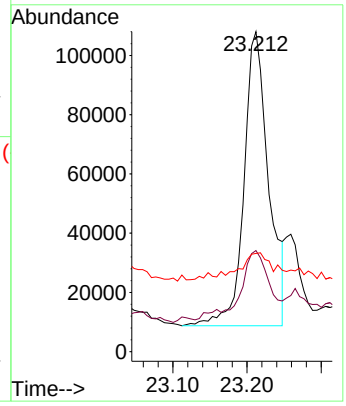


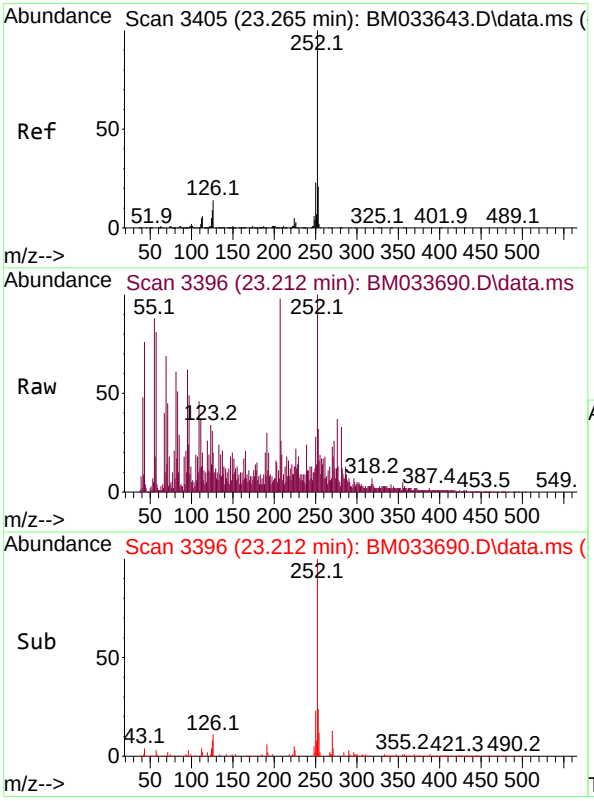

#88
Benzo(b)fluoranthene
Concen: 5.238 ng
RT: 23.212 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:252 Resp: 229697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 31.6 | 17.1 | 25.7# |
| 125 | 30.7 | 7.4 | 11.2# |

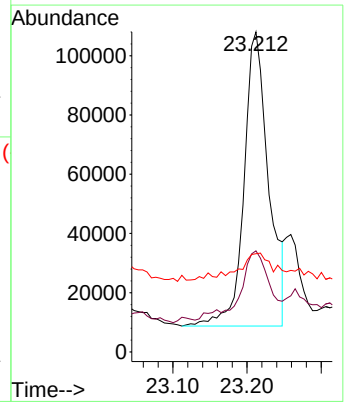


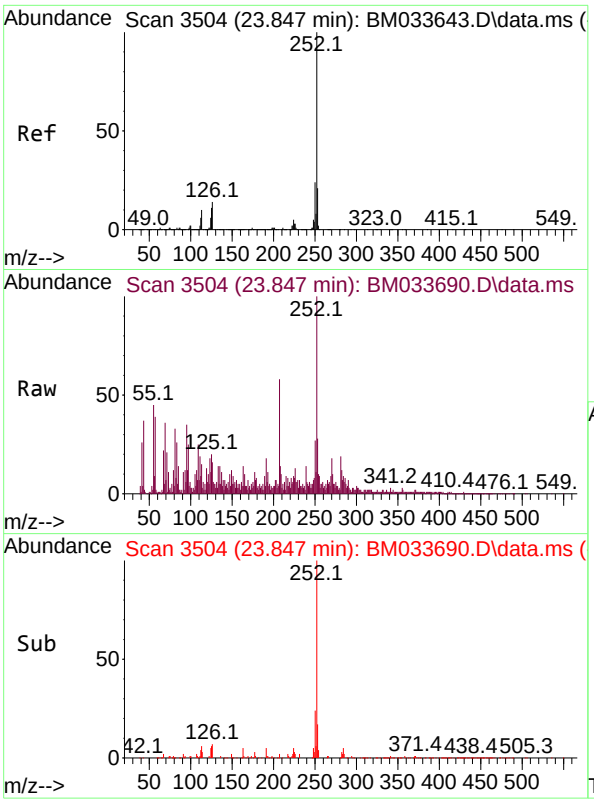




#89
Benzo(k)fluoranthene
Concen: 5.405 ng
RT: 23.212 min Scan# 3396
Delta R.T. -0.053 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:252 Resp: 229697

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 31.6 | 17.8 | 26.8# |
| 125 | 30.7 | 8.1 | 12.1# |



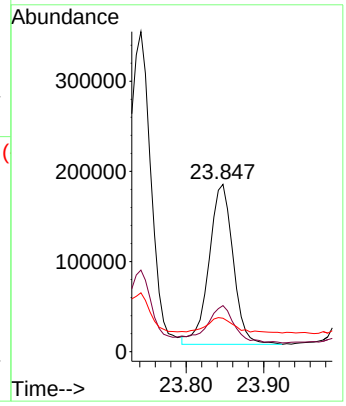


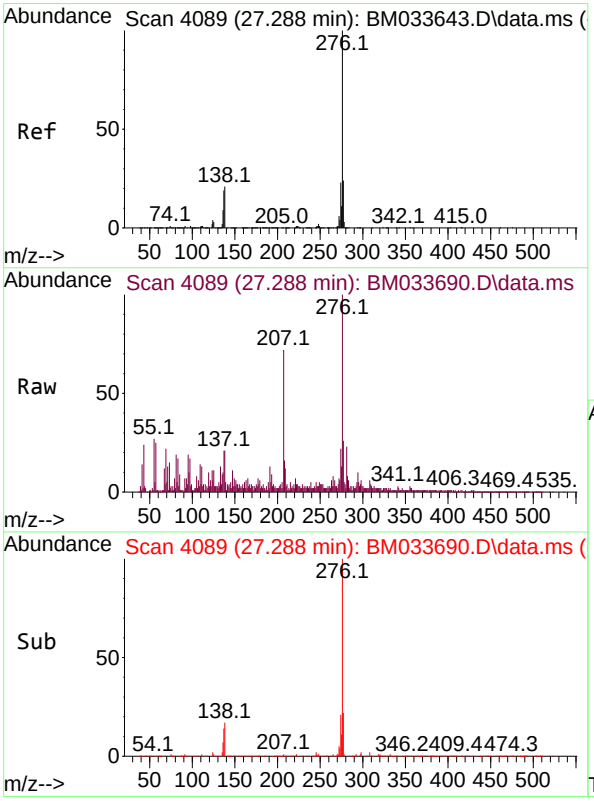

#90
Benzo(a)pyrene
Concen: 10.542 ng
RT: 23.847 min Scan# 3
Delta R.T. -0.000 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

**Instrument :**
BNA_M
**ClientSampleId :**
OB-CS-14

Tgt Ion:252 Resp: 383681

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 27.5 | 17.5 | 26.3# |
| 125 | 20.0 | 7.8 | 11.8# |




#92
Benzo(g,h,i)perylene
Concen: 11.620 ng
RT: 27.288 min Scan# 4089
Delta R.T. -0.000 min
Lab File: BM033690.D
Acq: 10 Jan 2022 17:16

Tgt Ion:276 Resp: 481302

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 25.9 | 19.1 | 28.7 |
| 138 | 21.0 | 14.8 | 22.2 |