Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121621\
Data File : BM033495.D
Acq On : 16 Dec 2021 21:37
Operator : CG/JU
Sample : M5061-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 17 08:01:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 17:10:15 2021
Response via : Initial Calibration

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.937 | 152 | 29376 | 20.000 | ng | 0.00 |
| 21) Naphthalene-d8 | 10.748 | 136 | 117320 | 20.000 | ng | 0.00 |
| 39) Acenaphthene-d10 | 14.583 | 164 | 81244 | 20.000 | ng | 0.00 |
| 64) Phenanthrene-d10 | 17.330 | 188 | 176464 | 20.000 | ng | 0.00 |
| 76) Chrysene-d12 | 21.512 | 240 | 150460 | 20.000 | ng | # 0.00 |
| 86) Perylene-d12 | 23.924 | 264 | 120553 | 20.000 | ng | -0.01 |
| System Monitoring Compounds | | | | | | |
| 5) 2-Fluorophenol | 5.501 | 112 | 12221 | 7.179 | ng | 0.00 |
| 7) Phenol-d6 | 7.113 | 99 | 7677 | 3.360 | ng | 0.00 |
| 23) Nitrobenzene-d5 | 9.113 | 82 | 40175 | 14.704 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.077 | 330 | 14232 | 15.573 | ng | 0.00 |
| 45) 2-Fluorobiphenyl | 13.207 | 172 | 86083 | 14.657 | ng | 0.00 |
| 79) Terphenyl-d14 | 19.953 | 244 | 110991 | 11.613 | ng | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 4) n-Nitrosodimethylamine | 3.707 | 42 | 270 | 0.209 | ng | # 1 |
| 10) Phenol | 7.143 | 94 | 161 | 0.070 | ng | # 64 |
| 15) Benzyl Alcohol | 8.001 | 79 | 277 | 0.135 | ng | # 49 |
| 18) Hexachloroethane | 9.278 | 117 | 213 | 0.222 | ng | # 3 |
| 19) n-Nitroso-di-n-propyla... | 8.678 | 70 | 150 | 0.083 | ng | # 30 |
| 24) Nitrobenzene | 9.278 | 77 | 71 | 0.026 | ng | # 1 |
| 25) Isophorone | 9.442 | 82 | 109 | 0.025 | ng | # 68 |
| 32) Benzoic acid | 10.089 | 122 | 5778 | 8.009 | ng | # 74 |
| 51) 2,6-Dinitrotoluene | 14.107 | 165 | 528 | 0.454 | ng | # 15 |
| 52) Acenaphthene | 14.577 | 154 | 247 | 0.055 | ng | # 4 |
| 66) n-Nitrosodiphenylamine | 16.071 | 169 | 518 | 0.099 | ng | # 41 |
| 69) Atrazine | 16.736 | 200 | 337 | 0.303 | ng | # 37 |
| 70) Pentachlorophenol | 16.995 | 266 | 183 | 0.158 | ng | # 19 |
| 71) Phenanthrene | 17.377 | 178 | 378 | 0.038 | ng | # 61 |
| 73) Carbazole | 17.777 | 167 | 278 | 0.033 | ng | # 59 |
| 74) Di-n-butylphthalate | 18.295 | 149 | 584 | 0.050 | ng | # 78 |
| 75) Fluoranthene | 19.401 | 202 | 735 | 0.065 | ng | # 1 |
| 77) Benzidine | 19.606 | 184 | 342 | 0.486 | ng | # 1 |
| 80) Butylbenzylphthalate | 20.642 | 149 | 515 | 0.097 | ng | # 91 |
| 81) Benzo(a)anthracene | 21.495 | 228 | 3262 | 0.323 | ng | # 91 |
| 82) 3,3'-Dichlorobenzidine | 21.436 | 252 | 1141 | 0.289 | ng | # 61 |
| 84) Bis(2-ethylhexyl)phtha... | 21.424 | 149 | 1324 | 0.170 | ng | # 84 |
| 85) Di-n-octyl phthalate | 22.353 | 149 | 843 | 0.067 | ng | # 1 |
| 87) Indeno(1,2,3-cd)pyrene | 26.435 | 276 | 21780m | 3.919 | ng | |
| 88) Benzo(b)fluoranthene | 23.194 | 252 | 7104 | 0.919 | ng | # 73 |
| 89) Benzo(k)fluoranthene | 23.241 | 252 | 6168 | 0.789 | ng | # 85 |
| 90) Benzo(a)pyrene | 23.818 | 252 | 9049 | 1.564 | ng | # 82 |
| 91) Dibenzo(a,h)anthracene | 26.453 | 278 | 21364m | 5.125 | ng | |
| 92) Benzo(g,h,i)perylene | 27.218 | 276 | 17028m | 3.176 | ng | |

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

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Sample : M5061-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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QLast Update : Thu Dec 16 17:10:15 2021
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**Instrument :**
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**ClientSampleId :**
EFF-WW

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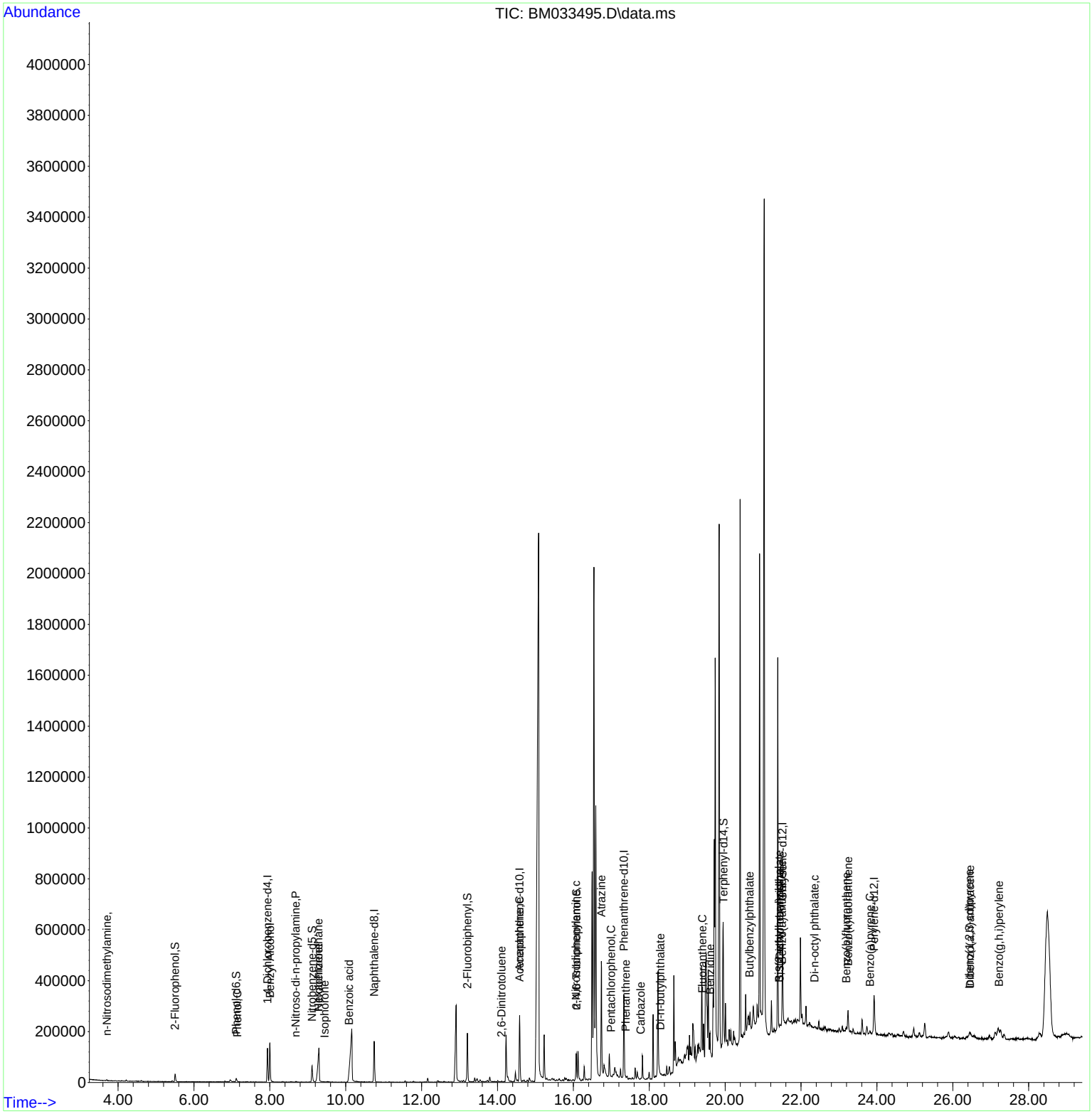

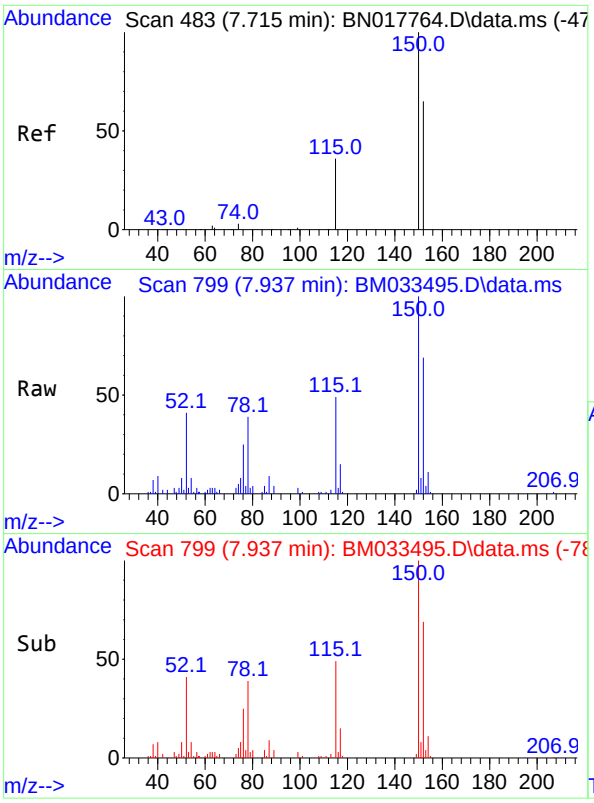


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:152 Resp: 2937

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 152 | 100 | | |
| 150 | 145.6 | 128.9 | 193.3 |
| 115 | 71.5 | 53.0 | 79.6 |

**Instrument :**
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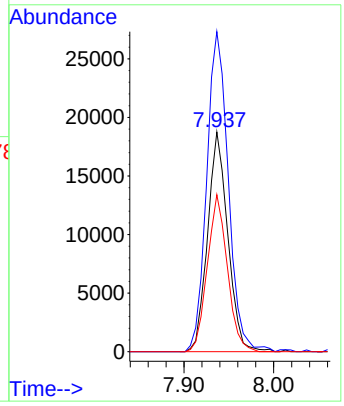
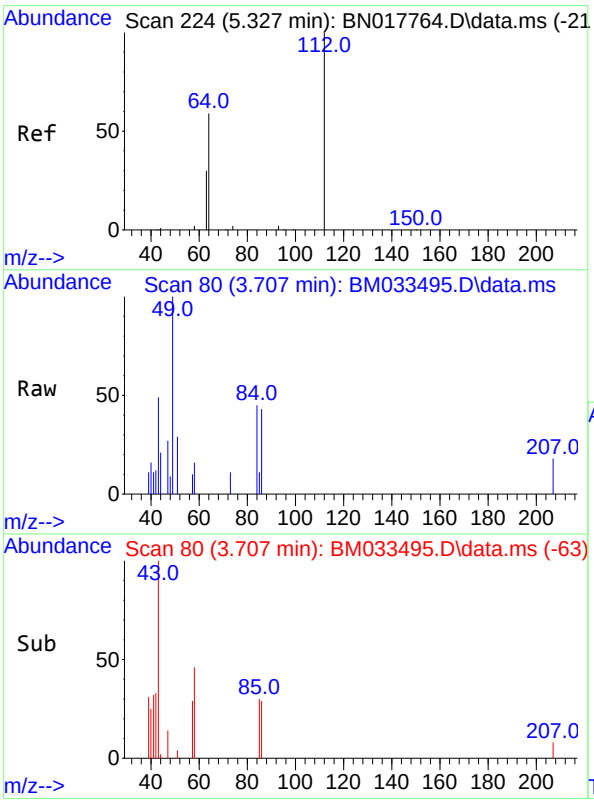
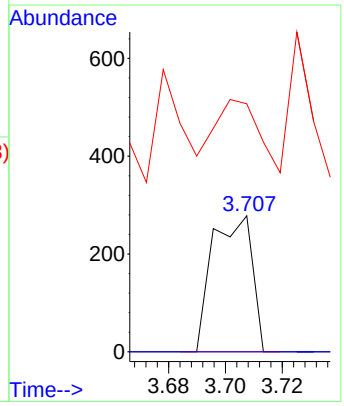


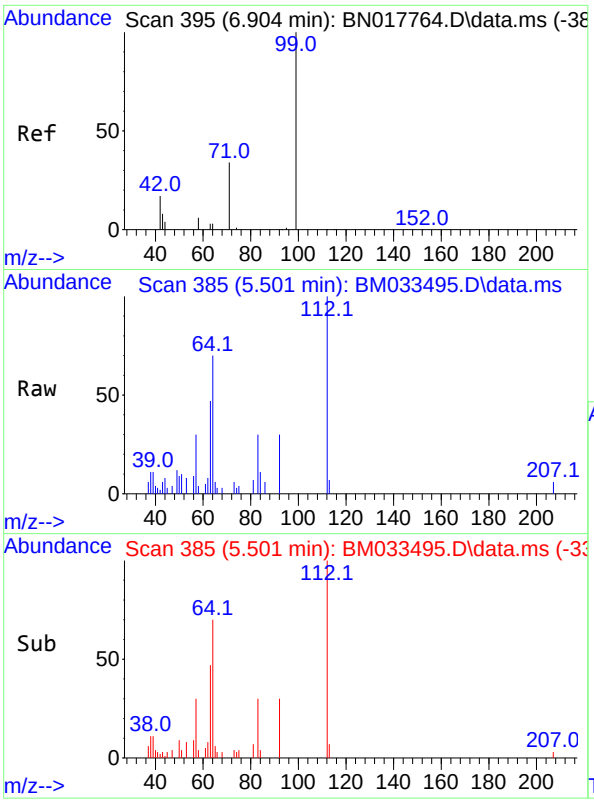




#4
n-Nitrosodimethylamine
Concen: 0.209 ng
RT: 3.707 min Scan# 80
Delta R.T. -0.001 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 42 Resp: 270

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 42 | 100 | | |
| 74 | 0.0 | 72.5 | 108.7# |
| 44 | 182.4 | 5.4 | 8.2# |






#5
2-Fluorophenol
Concen: 7.179 ng
RT: 5.501 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:112 Resp: 1222

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 112 | 100 | | |
| 64 | 70.5 | 55.5 | 83.3 |
| 63 | 47.1 | 31.3 | 46.9# |

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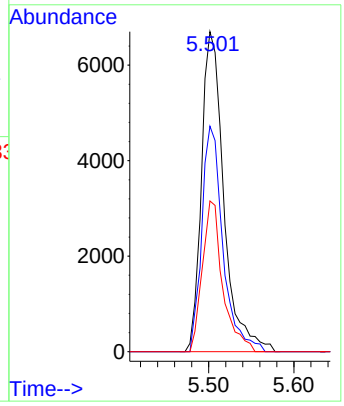
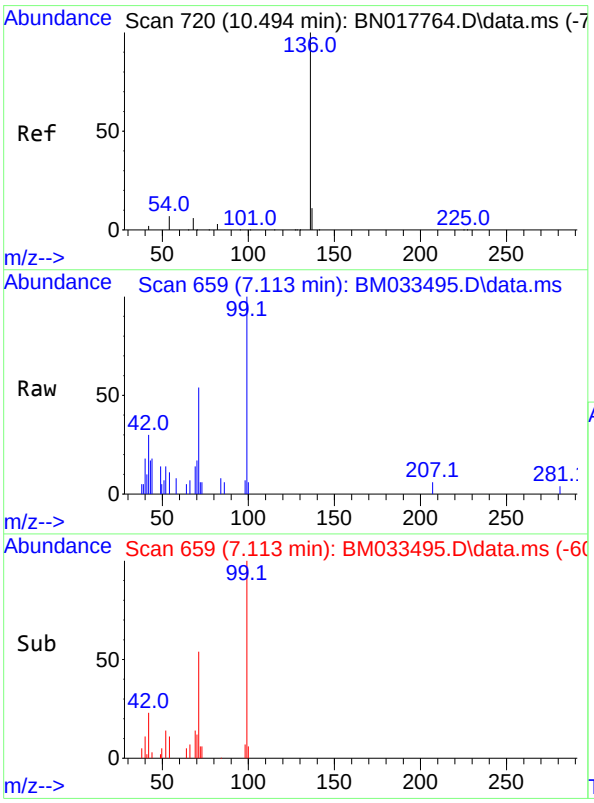
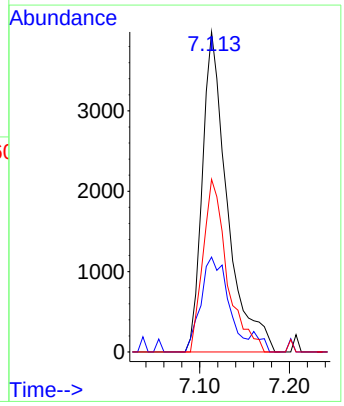


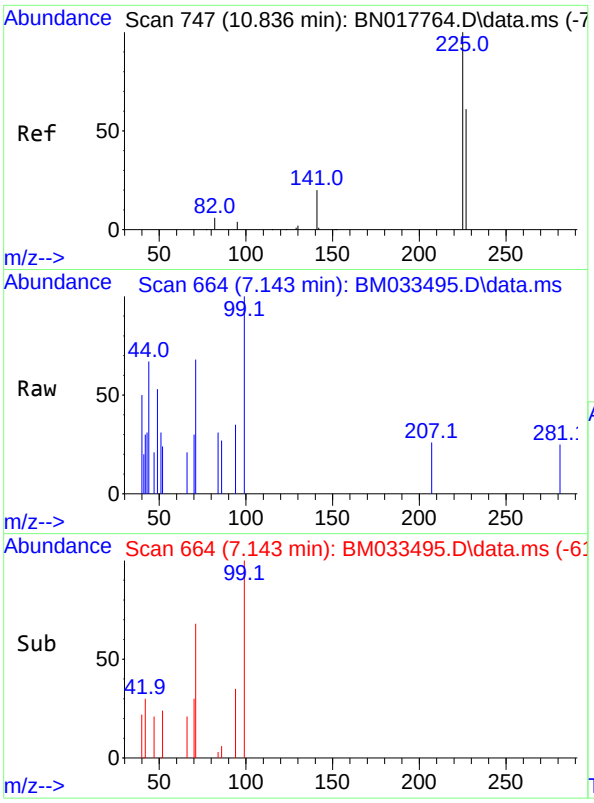




#7
Phenol-d6
Concen: 3.360 ng
RT: 7.113 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 99 Resp: 7677

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 99 | 100 | | |
| 42 | 29.7 | 20.3 | 30.5 |
| 71 | 54.0 | 34.5 | 51.7# |






#10
Phenol
Concen: 0.070 ng
RT: 7.143 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 94 Resp: 16

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 94 | 100 | | |
| 65 | 0.0 | 15.5 | 55.5# |
| 66 | 60.8 | 28.5 | 68.5 |

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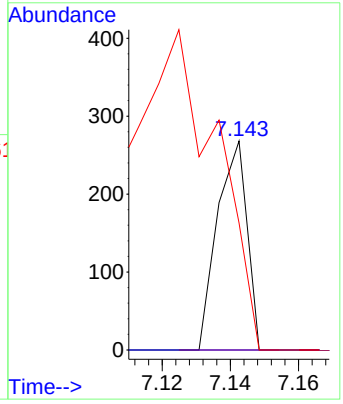
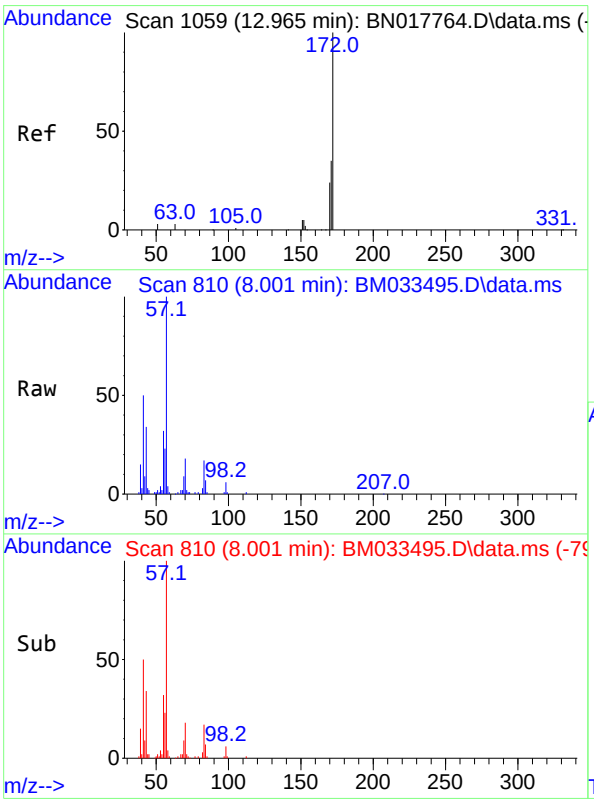
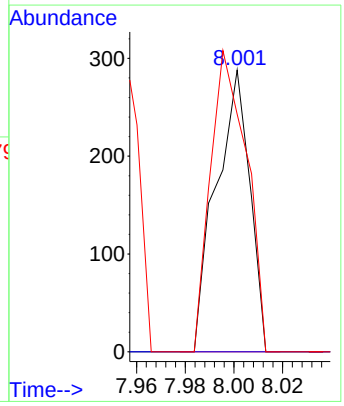


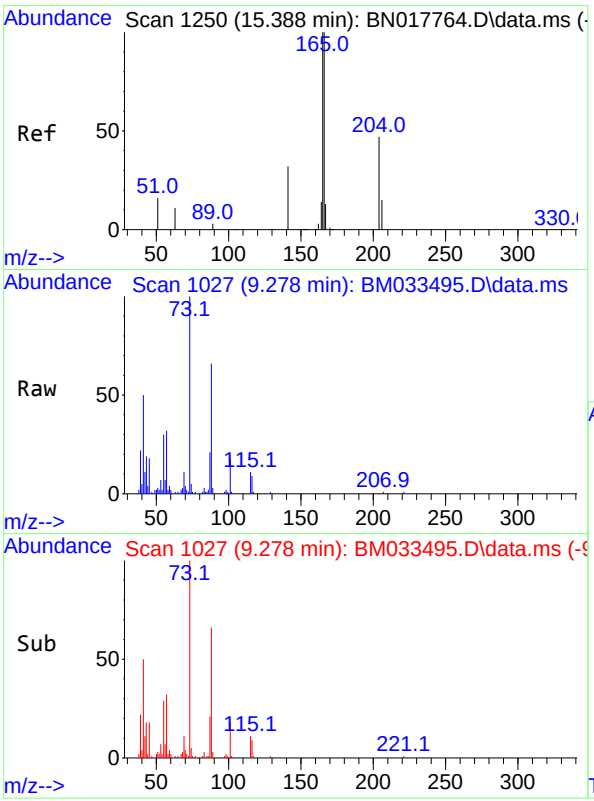




#15
Benzyl Alcohol
Concen: 0.135 ng
RT: 8.001 min Scan# 810
Delta R.T. -0.189 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 79 Resp: 277

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 79 | 100 | | |
| 108 | 0.0 | 51.1 | 76.7# |
| 77 | 84.4 | 53.8 | 80.8# |






#18
Hexachloroethane
Concen: 0.222 ng
RT: 9.278 min Scan# 1(
Delta R.T. 0.259 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:117 Resp: 21

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 117 | 100 | | |
| 119 | 0.0 | 75.0 | 112.6# |
| 201 | 0.0 | 75.2 | 112.8# |

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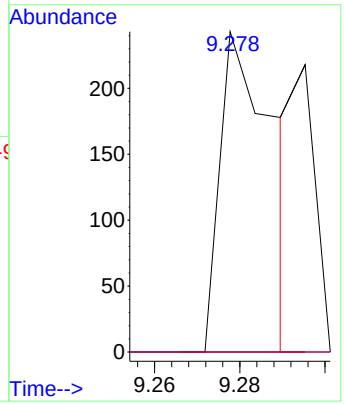
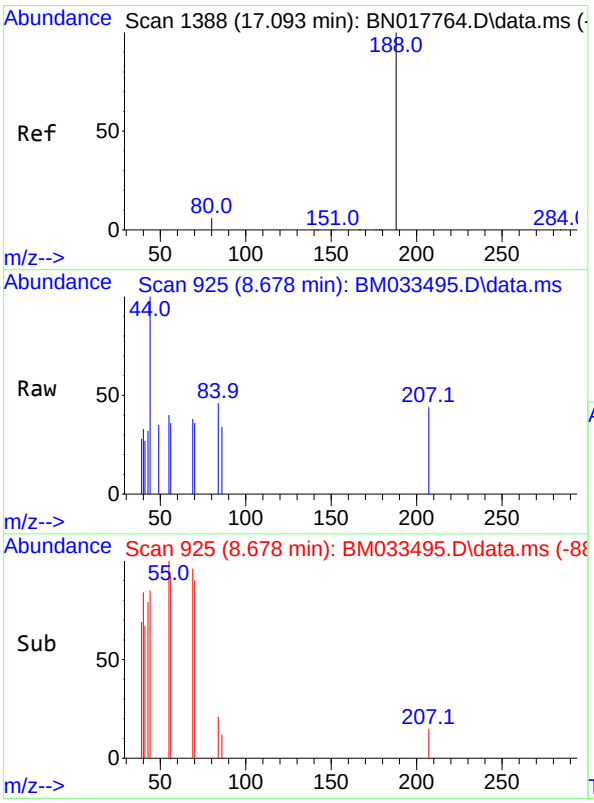
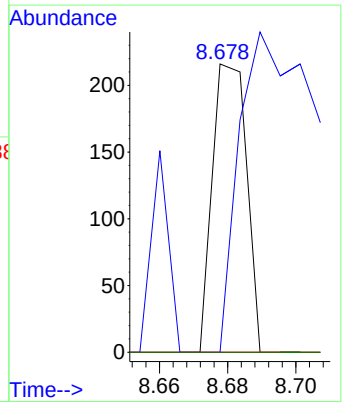


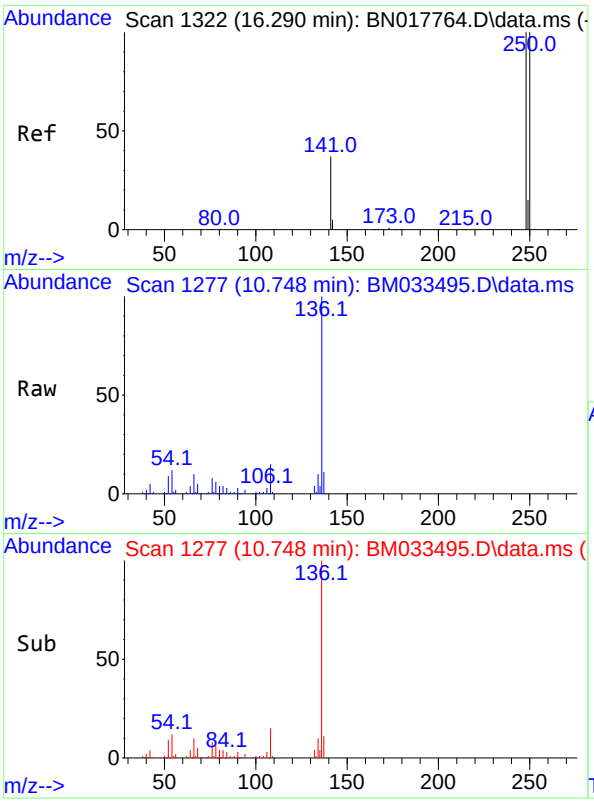




#19
n-Nitroso-di-n-propylamine
Concen: 0.083 ng
RT: 8.678 min Scan# 925
Delta R.T. -0.082 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 70 Resp: 150

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 70 | 100 | | |
| 42 | 0.0 | 54.1 | 81.1# |
| 101 | 0.0 | 7.8 | 11.6# |
| 130 | 0.0 | 13.9 | 20.9# |

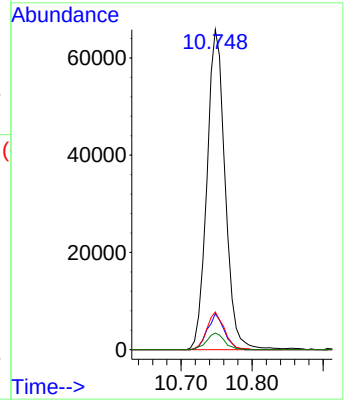





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.748 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:136 Resp: 11732

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 136 | 100 | | |
| 137 | 11.3 | 8.6 | 13.0 |
| 54 | 11.8 | 8.3 | 12.5 |
| 68 | 5.2 | 5.0 | 7.6 |

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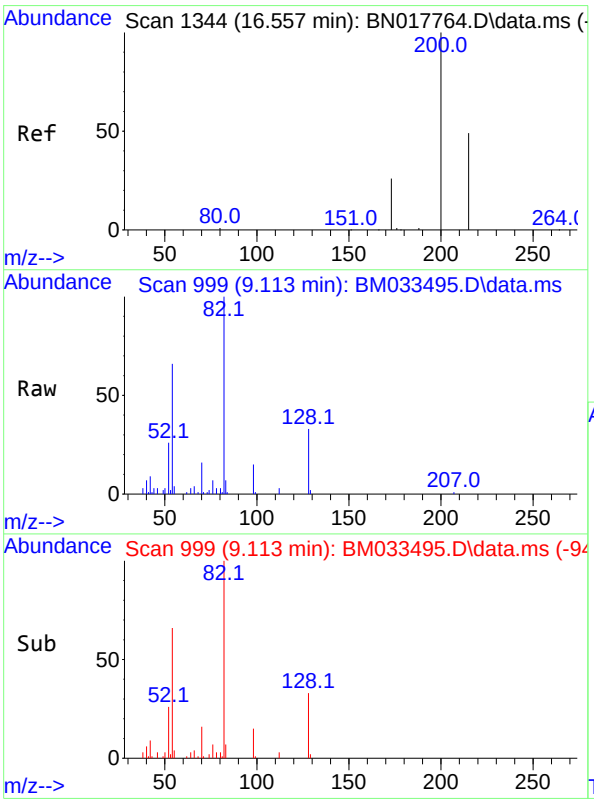
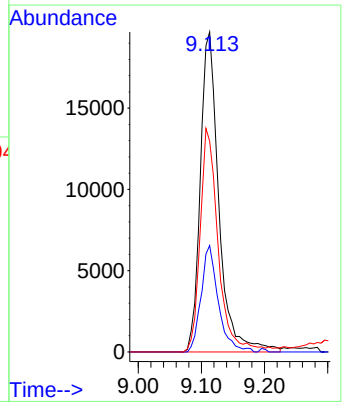
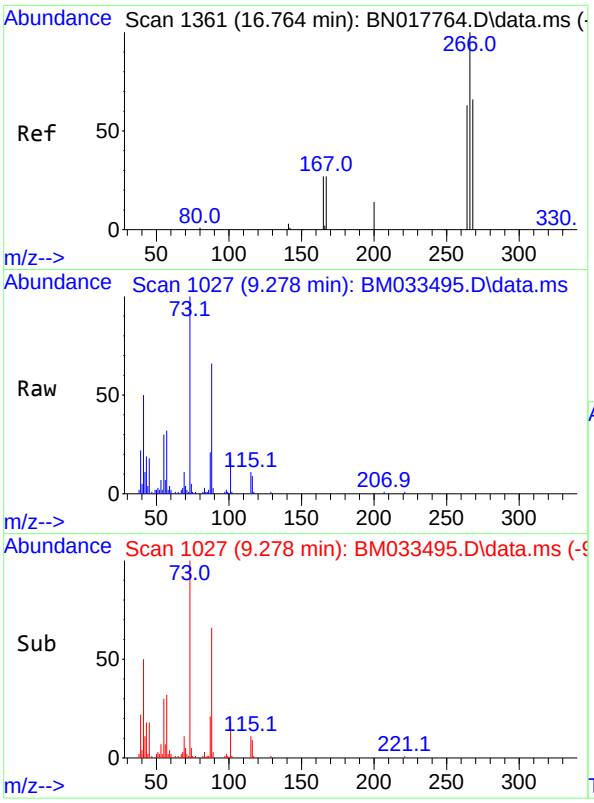



#23
Nitrobenzene-d5
Concen: 14.704 ng
RT: 9.113 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 82 Resp: 40175

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 128 | 33.3 | 28.1 | 42.1 |
| 54 | 65.9 | 46.1 | 69.1 |






#24
Nitrobenzene
Concen: 0.026 ng
RT: 9.278 min Scan# 1(
Delta R.T. 0.124 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 77 Resp: 7

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 77 | 100 | | |
| 123 | 0.0 | 29.8 | 44.8# |
| 65 | 136.3 | 11.5 | 17.3# |

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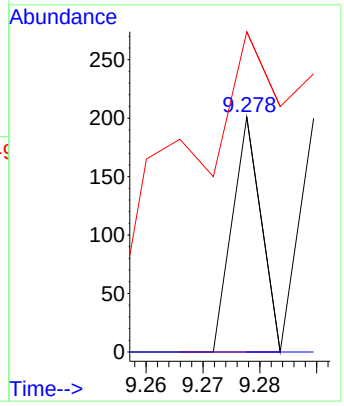
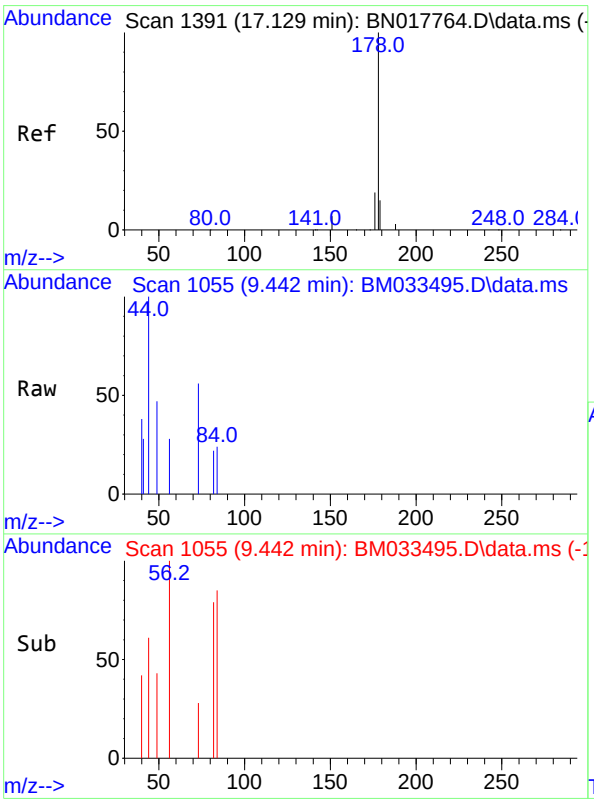
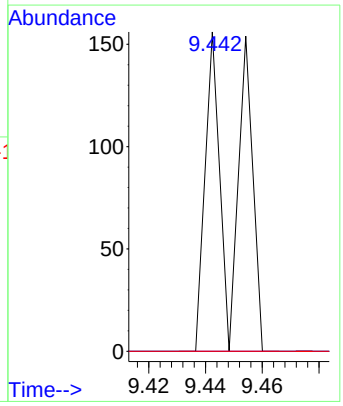


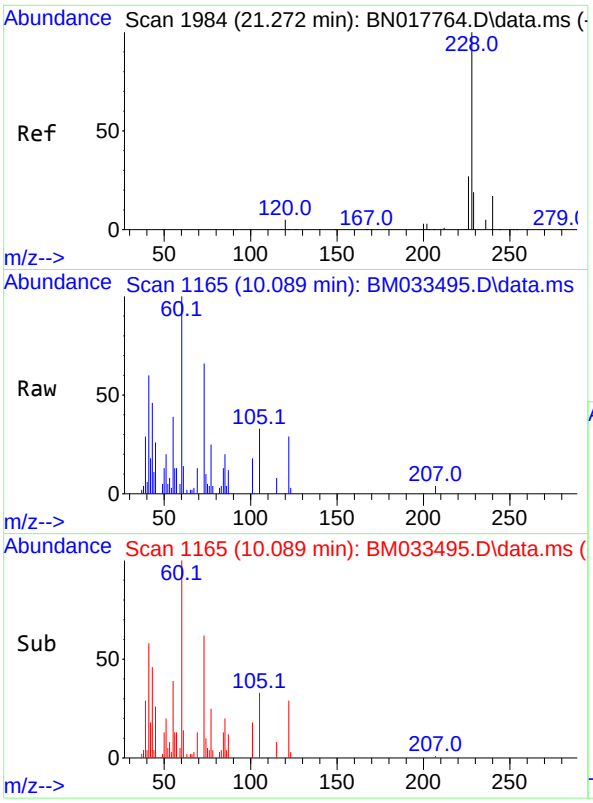




#25
Isophorone
Concen: 0.025 ng
RT: 9.442 min Scan# 1055
Delta R.T. -0.247 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion: 82 Resp: 109

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 82 | 100 | | |
| 95 | 0.0 | 6.4 | 9.6# |
| 138 | 0.0 | 12.4 | 18.6# |






#32
Benzoic acid
Concen: 8.009 ng
RT: 10.089 min Scan# 1
Delta R.T. 0.023 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:122 Resp: 577

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 122 | 100 | | |
| 105 | 112.9 | 119.6 | 159.6 |
| 77 | 85.7 | 101.0 | 141.0 |

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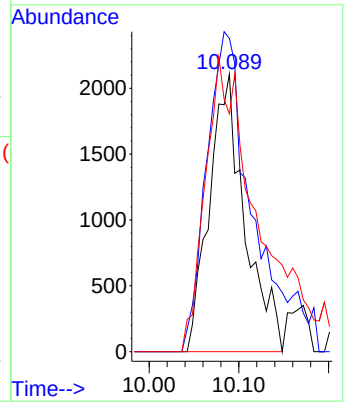
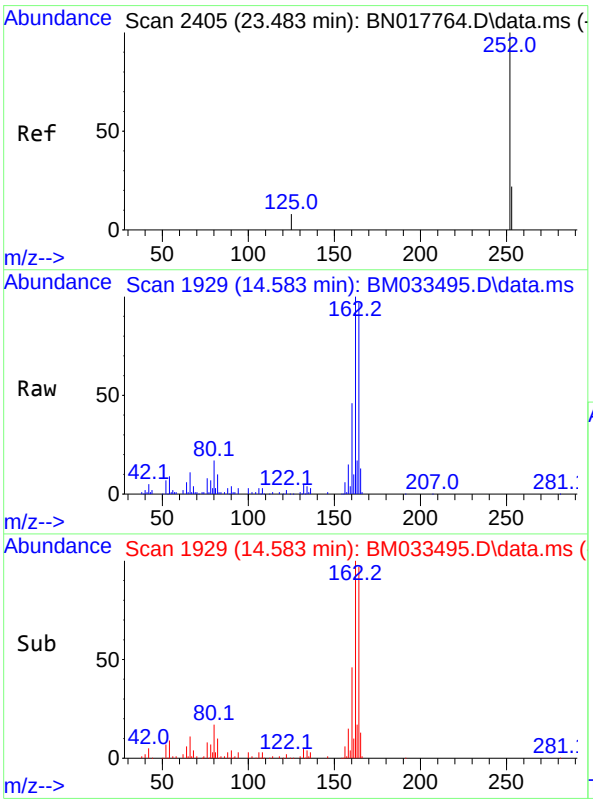
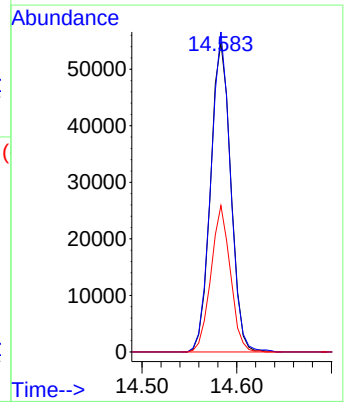


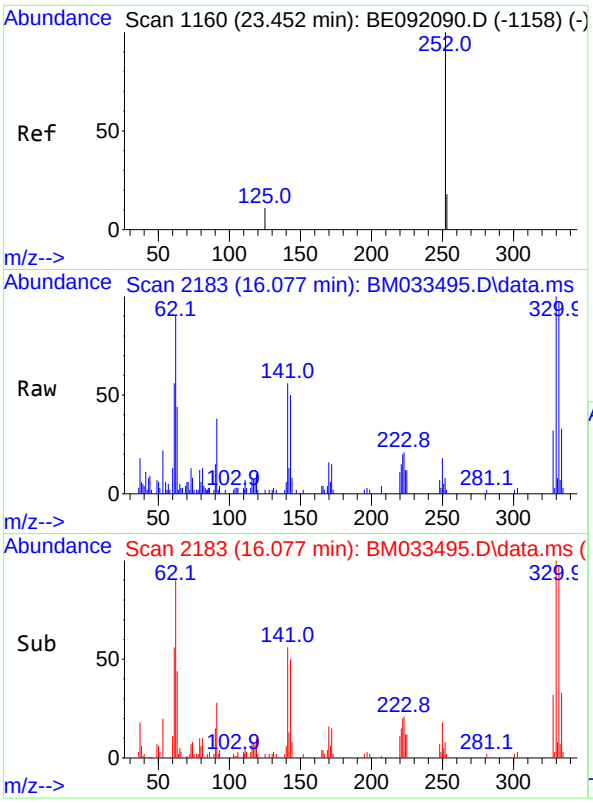




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1929
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:164 Resp: 81244

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 164 | 100 | | |
| 162 | 103.5 | 79.7 | 119.5 |
| 160 | 47.4 | 34.2 | 51.4 |






#42
2,4,6-Tribromophenol
Concen: 15.573 ng
RT: 16.077 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:330 Resp: 1423

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 330 | 100 | | |
| 332 | 97.6 | 76.5 | 114.7 |
| 141 | 54.2 | 35.9 | 53.9 |

**Manual Integrations**
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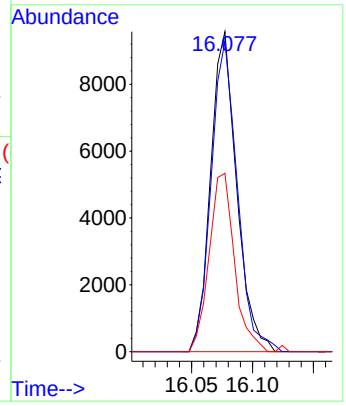
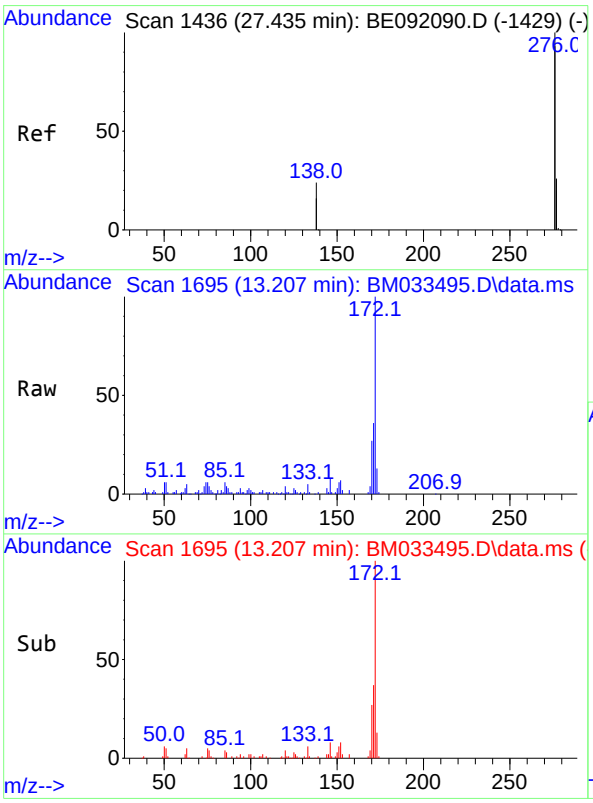
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

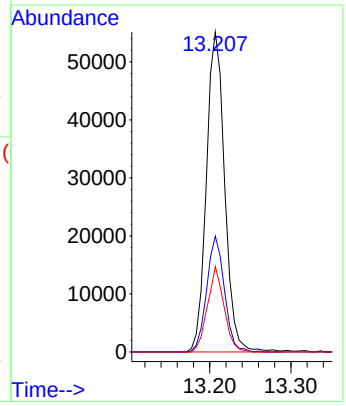


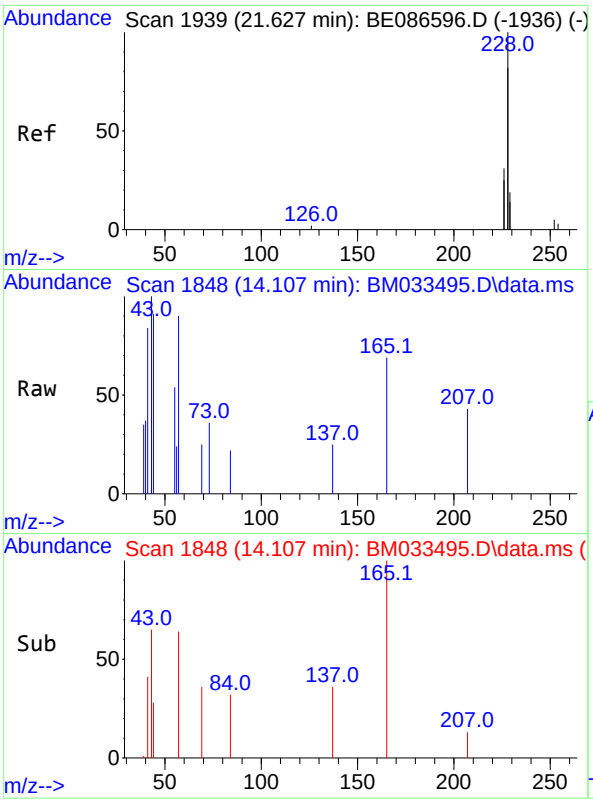




#45
2-Fluorobiphenyl
Concen: 14.657 ng
RT: 13.207 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:172 Resp: 86083

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 172 | 100 | | |
| 171 | 36.2 | 27.2 | 40.8 |
| 170 | 26.7 | 18.7 | 28.1 |






#51
2,6-Dinitrotoluene
Concen: 0.454 ng
RT: 14.107 min Scan# 1
Delta R.T. -0.065 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:165 Resp: 52

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 165 | 100 | | |
| 63 | 0.0 | 56.9 | 85.3# |
| 89 | 0.0 | 54.3 | 81.5# |

**Manual Integrations**
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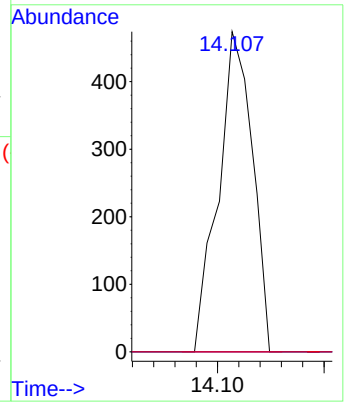
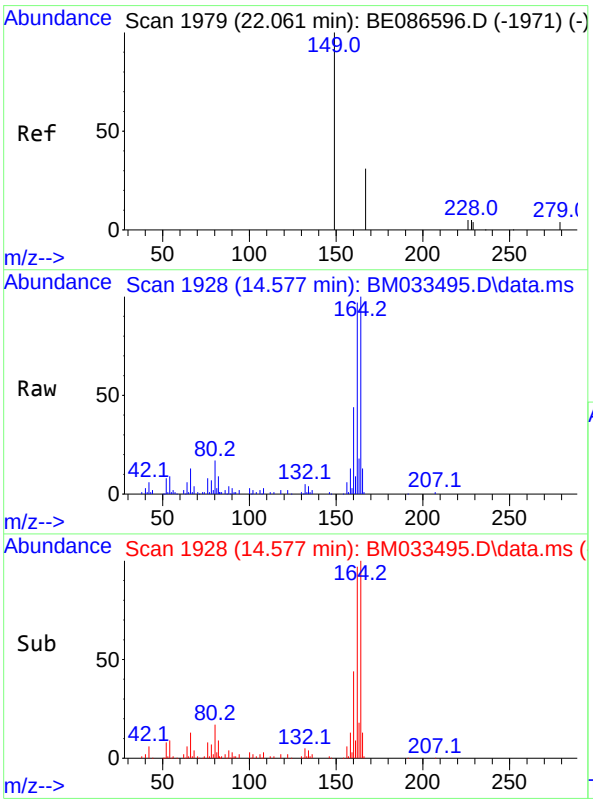
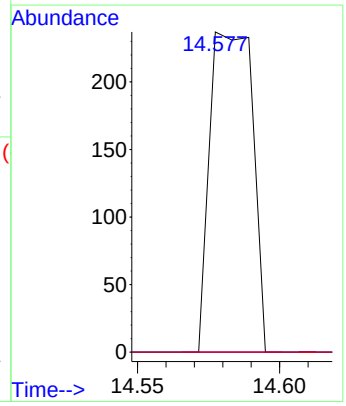


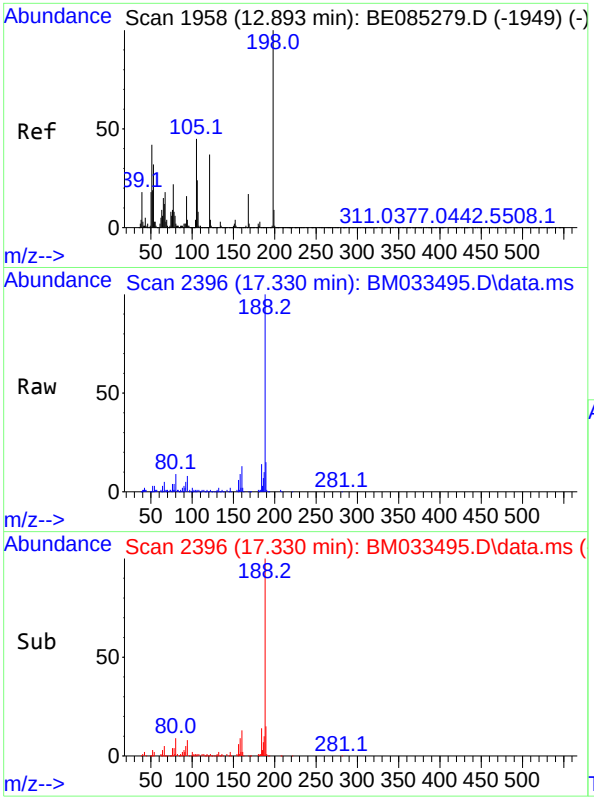




#52
Acenaphthene
Concen: 0.055 ng
RT: 14.577 min Scan# 1928
Delta R.T. -0.077 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:154 Resp: 247

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 154 | 100 | | |
| 153 | 0.0 | 90.2 | 135.4# |
| 152 | 0.0 | 43.5 | 65.3# |






#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:188 Resp: 17646

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 188 | 100 | | |
| 94 | 7.6 | 7.5 | 11.3 |
| 80 | 9.5 | 8.9 | 13.3 |

**Manual Integrations**
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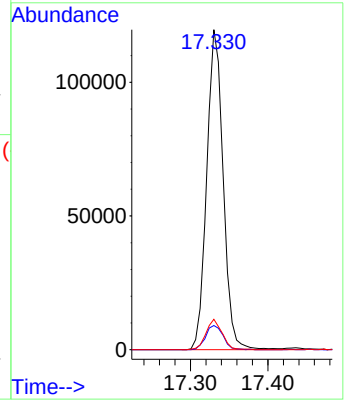
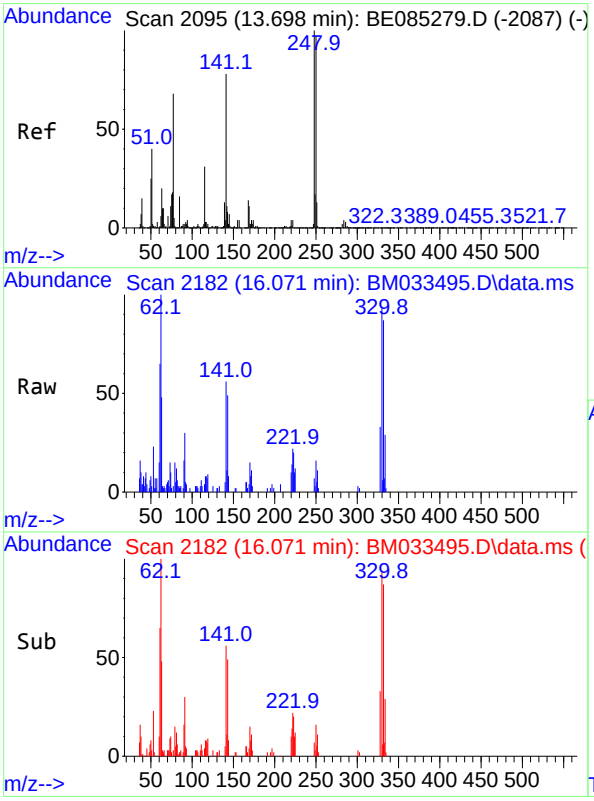
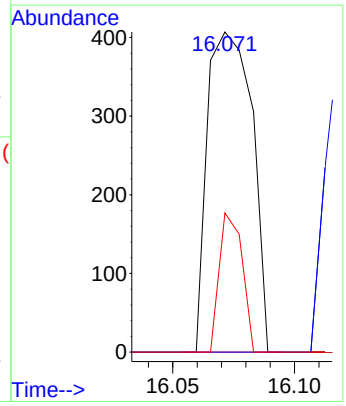


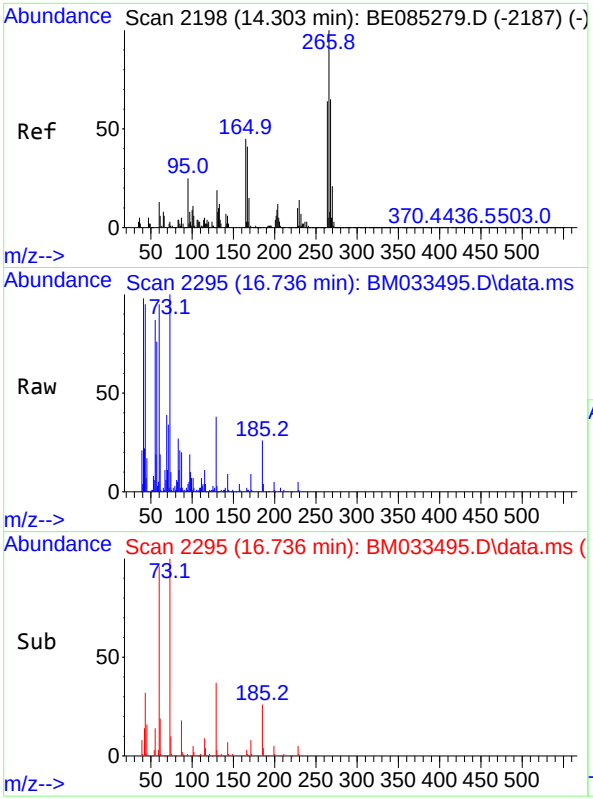




#66
n-Nitrosodiphenylamine
Concen: 0.099 ng
RT: 16.071 min Scan# 2182
Delta R.T. 0.223 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:169 Resp: 518

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 169 | 100 | | |
| 168 | 0.0 | 52.5 | 78.7# |
| 167 | 43.5 | 28.4 | 42.6# |






#69
Atrazine
Concen: 0.303 ng
RT: 16.736 min Scan# 2
Delta R.T. -0.065 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:200 Resp: 33

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 200 | 100 | | |
| 173 | 0.0 | 7.3 | 47.3# |
| 215 | 0.0 | 25.7 | 65.7# |

**Manual Integrations**
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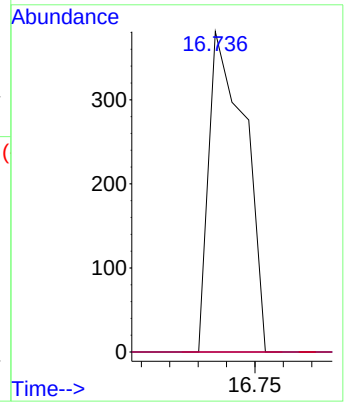
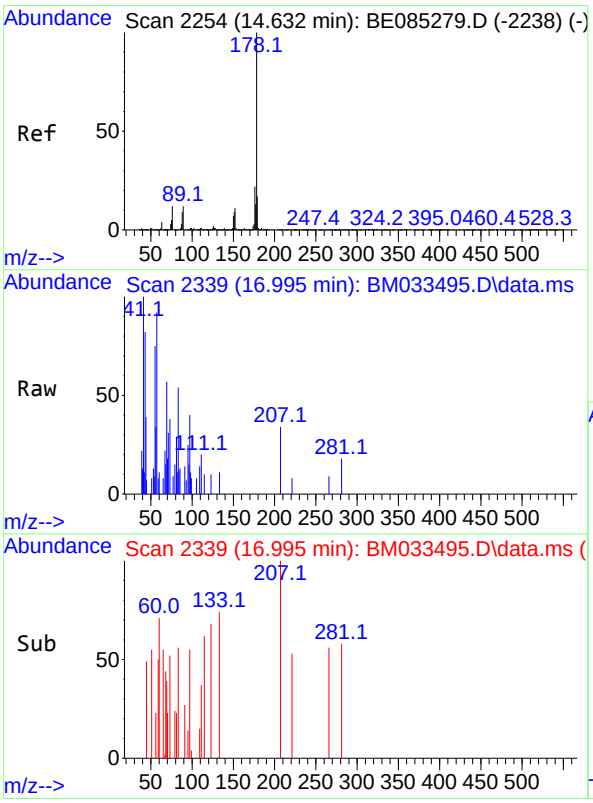
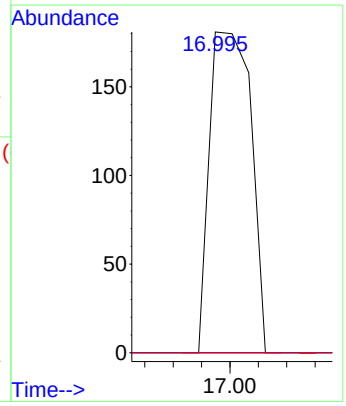


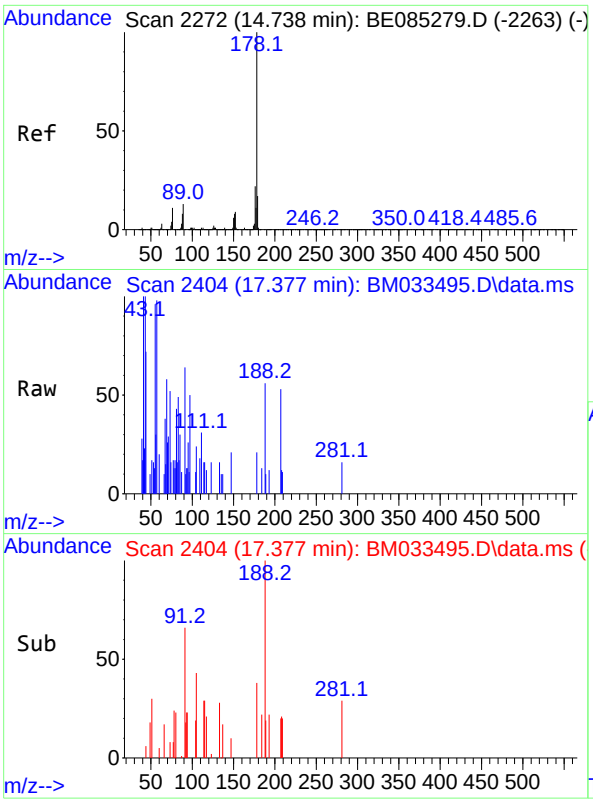




#70
Pentachlorophenol
Concen: 0.158 ng
RT: 16.995 min Scan# 2339
Delta R.T. 0.012 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:266 Resp: 183

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 266 | 100 | | |
| 268 | 0.0 | 50.1 | 75.1# |
| 264 | 0.0 | 49.1 | 73.7# |






#71
Phenanthrene
Concen: 0.038 ng
RT: 17.377 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:178 Resp: 37

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 178 | 100 | | |
| 176 | 0.0 | 15.1 | 22.7# |
| 179 | 0.0 | 12.0 | 18.0# |

**Manual Integrations**
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Reviewed By :Christian Giraldo 12/17/2021
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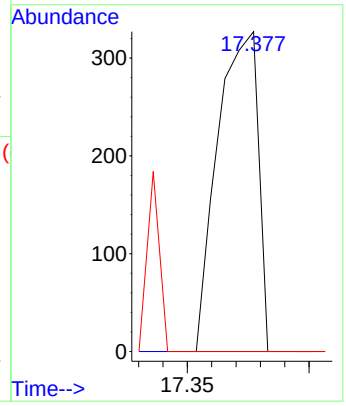
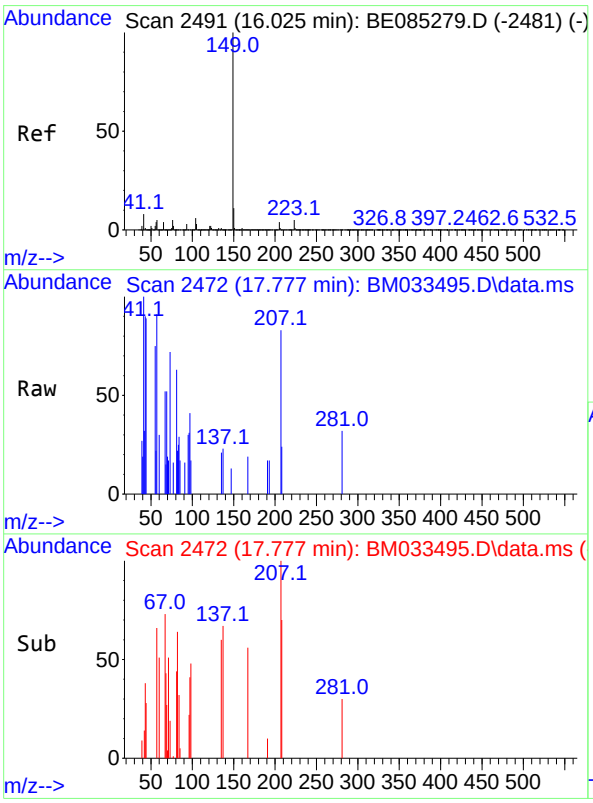
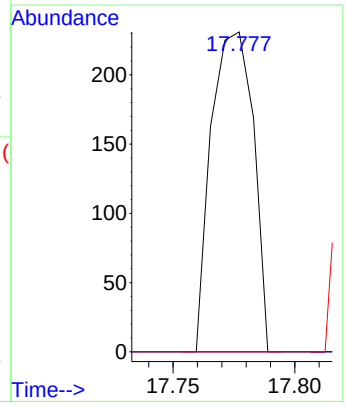


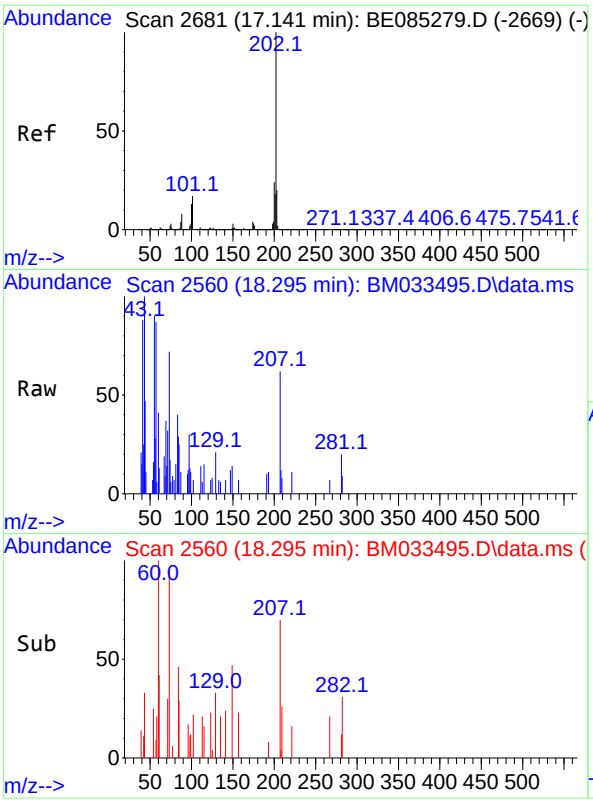




#73
Carbazole
Concen: 0.033 ng
RT: 17.777 min Scan# 2472
Delta R.T. 0.035 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:167 Resp: 278

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 167 | 100 | | |
| 166 | 0.0 | 17.2 | 25.8# |
| 139 | 0.0 | 11.0 | 16.4# |






#74
Di-n-butylphthalate
Concen: 0.050 ng
RT: 18.295 min Scan# 2
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:149 Resp: 584

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 150 | 0.0 | 7.3 | 10.9# |
| 104 | 0.0 | 4.6 | 6.8# |

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

**Manual Integrations**
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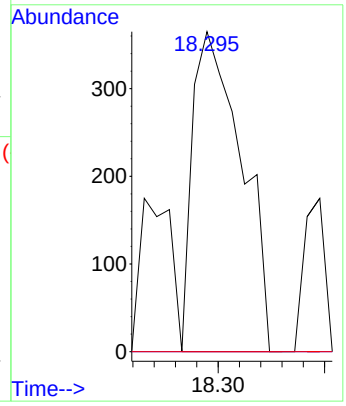
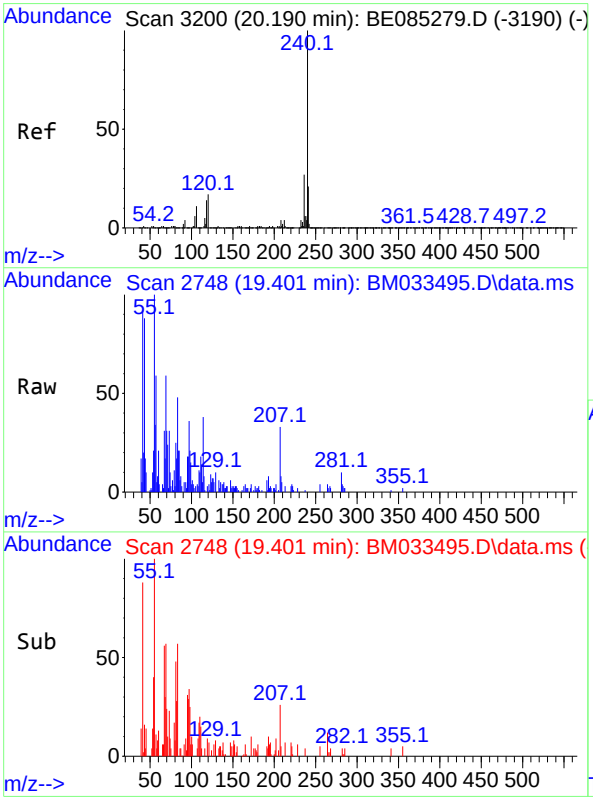
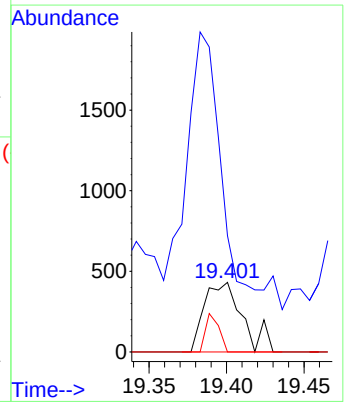


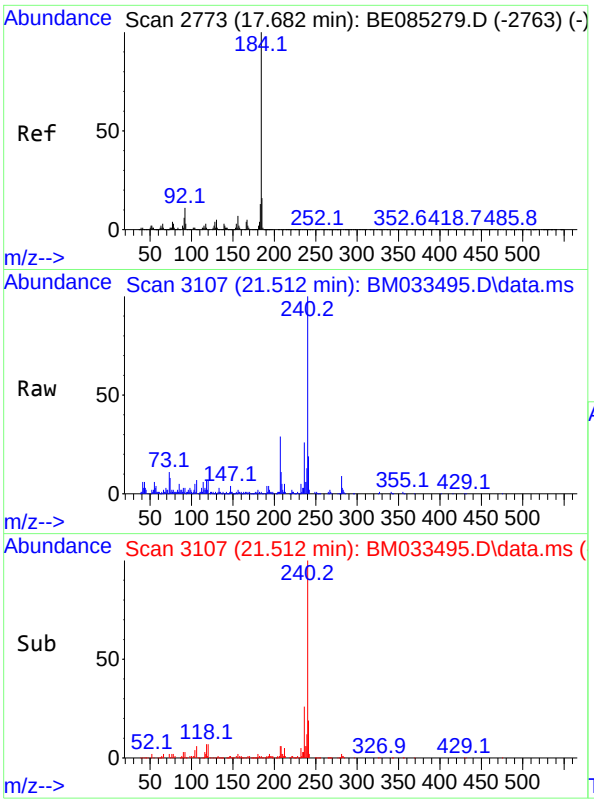




#75
Fluoranthene
Concen: 0.065 ng
RT: 19.401 min Scan# 2748
Delta R.T. 0.012 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:202 Resp: 735

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 202 | 100 | | |
| 101 | 167.3 | 0.0 | 30.8# |
| 203 | 0.0 | 0.0 | 37.2 |






#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.512 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:240 Resp: 15046

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 240 | 100 | | |
| 120 | 7.5 | 7.8 | 11.6# |
| 236 | 26.3 | 20.3 | 30.5 |

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

**Manual Integrations**
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Reviewed By :Christian Giraldo 12/17/2021
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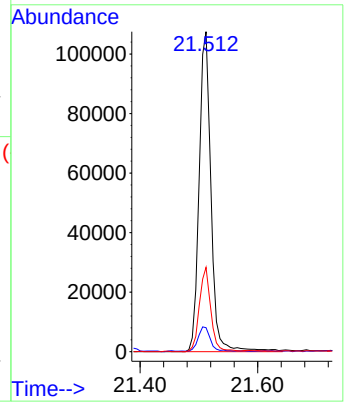
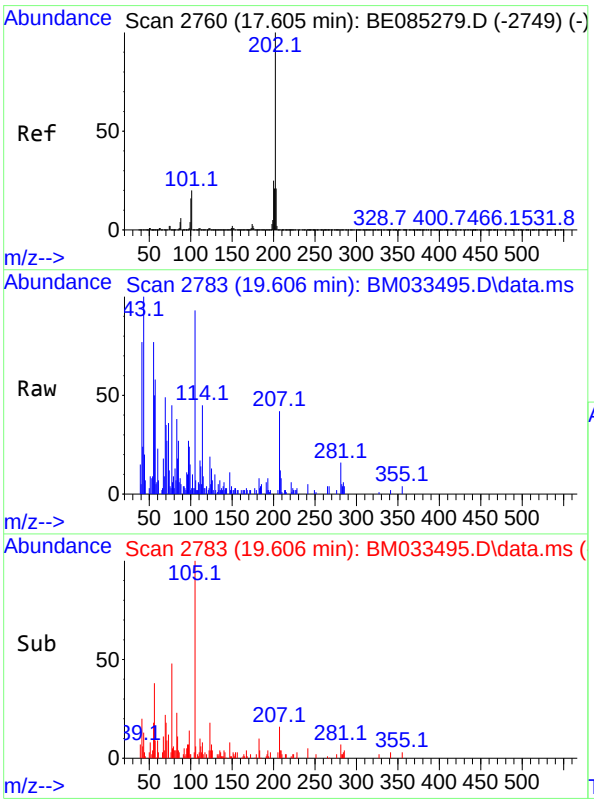
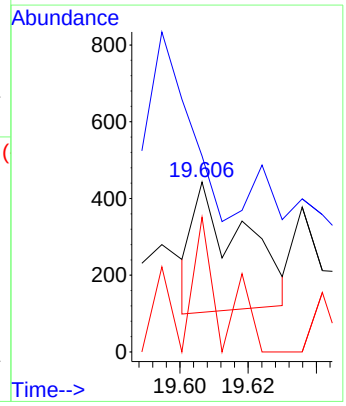


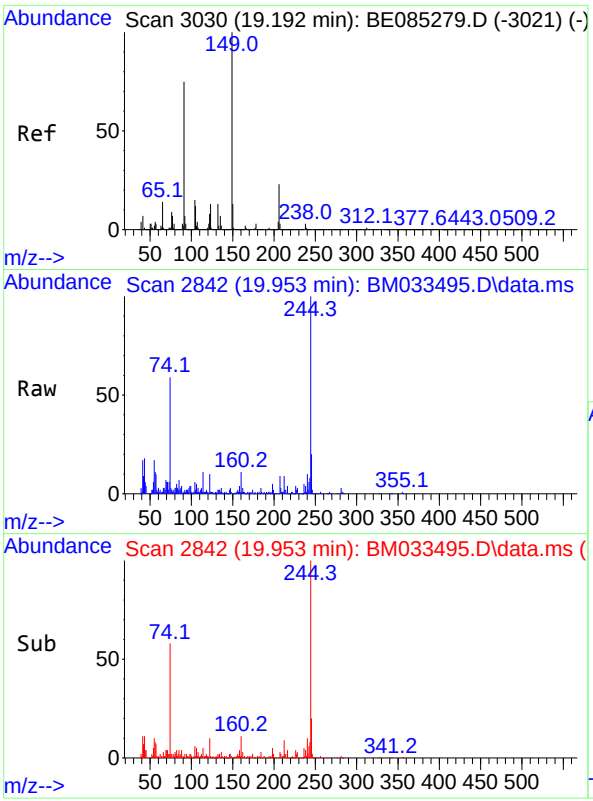




#77
Benzidine
Concen: 0.486 ng
RT: 19.606 min Scan# 2783
Delta R.T. 0.011 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:184 Resp: 342

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 184 | 100 | | |
| 185 | 115.3 | 11.4 | 17.0# |
| 183 | 79.2 | 9.7 | 14.5# |






#79
Terphenyl-d14
Concen: 11.613 ng
RT: 19.953 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:244 Resp: 11099

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 244 | 100 | | |
| 212 | 8.8 | 5.9 | 8.9 |
| 122 | 10.3 | 8.4 | 12.6 |

**Manual Integrations**
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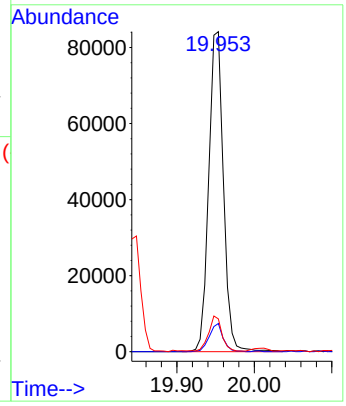
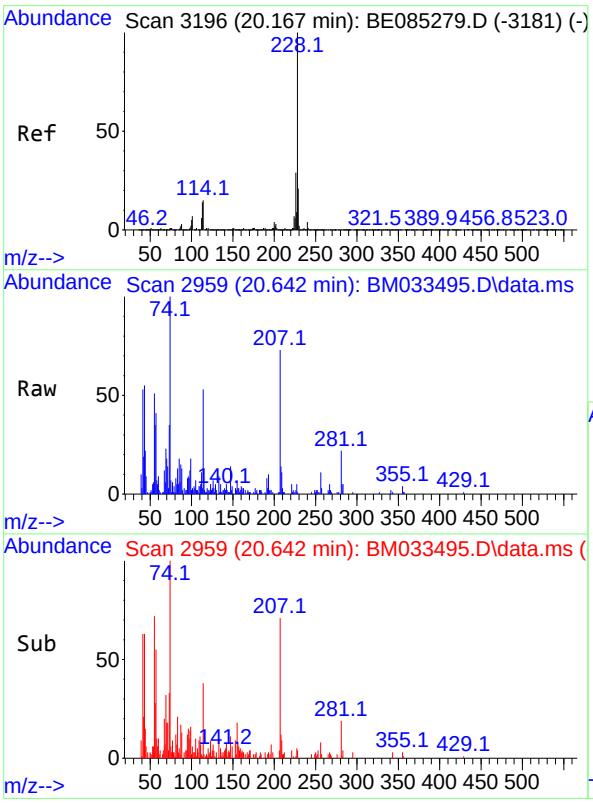
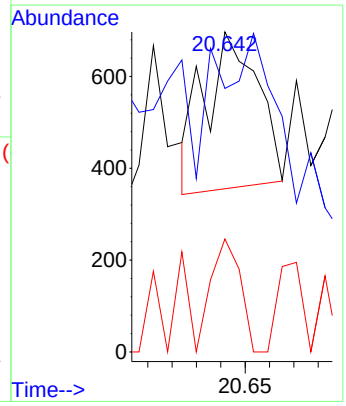


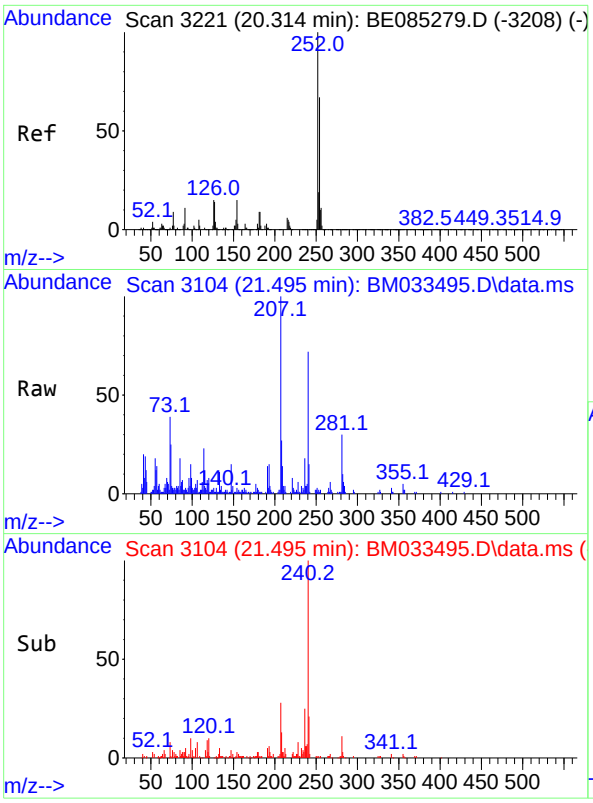




#80
Butylbenzylphthalate
Concen: 0.097 ng
RT: 20.642 min Scan# 2959
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:149 Resp: 515

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 91 | 82.4 | 63.4 | 95.0 |
| 206 | 35.3 | 16.8 | 25.2# |






#81
Benzo(a)anthracene
Concen: 0.323 ng
RT: 21.495 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:228 Resp: 326

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 228 | 100 | | |
| 226 | 32.0 | 21.0 | 31.6 |
| 229 | 17.0 | 15.5 | 23.3 |

**Manual Integrations**
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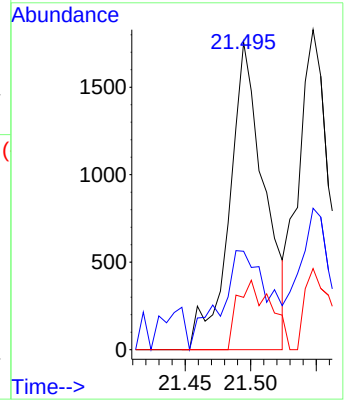
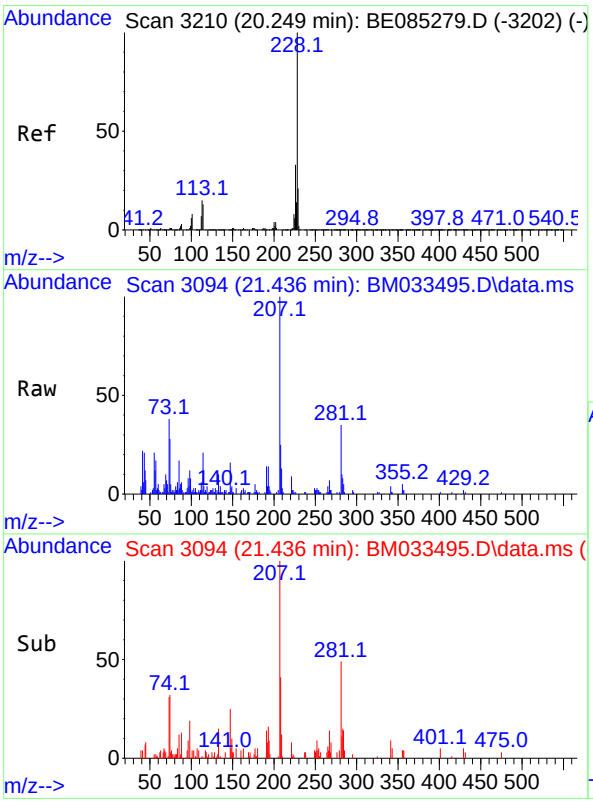
Reviewed By :Christian Giraldo 12/17/2021
Supervised By :Jagrut Upadhyay 12/17/2021

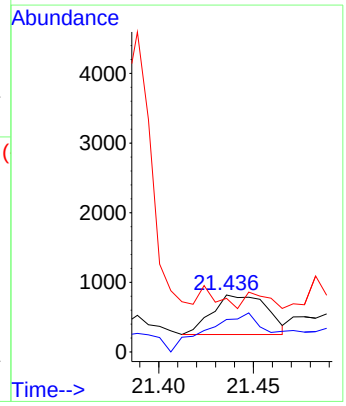


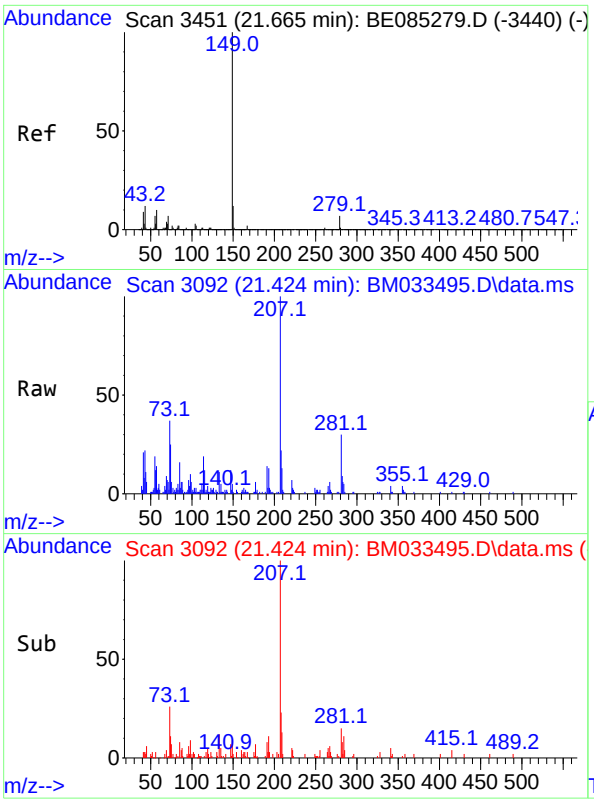




#82
3,3'-Dichlorobenzidine
Concen: 0.289 ng
RT: 21.436 min Scan# 3094
Delta R.T. -0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:252 Resp: 1141

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 254 | 57.2 | 50.9 | 76.3 |
| 126 | 94.1 | 8.8 | 13.2# |






#84
Bis(2-ethylhexyl)phthalate
Concen: 0.170 ng
RT: 21.424 min Scan# 3(
Delta R.T. -0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:149 Resp: 132

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 18.2 | 21.4 | 32.0# |
| 279 | 0.0 | 3.0 | 4.6# |

**Manual Integrations**
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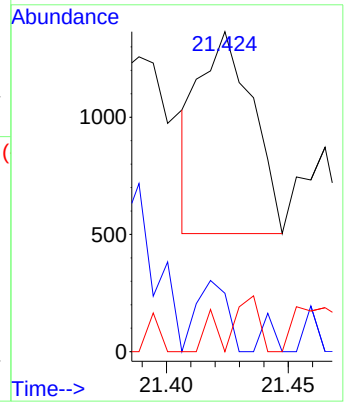
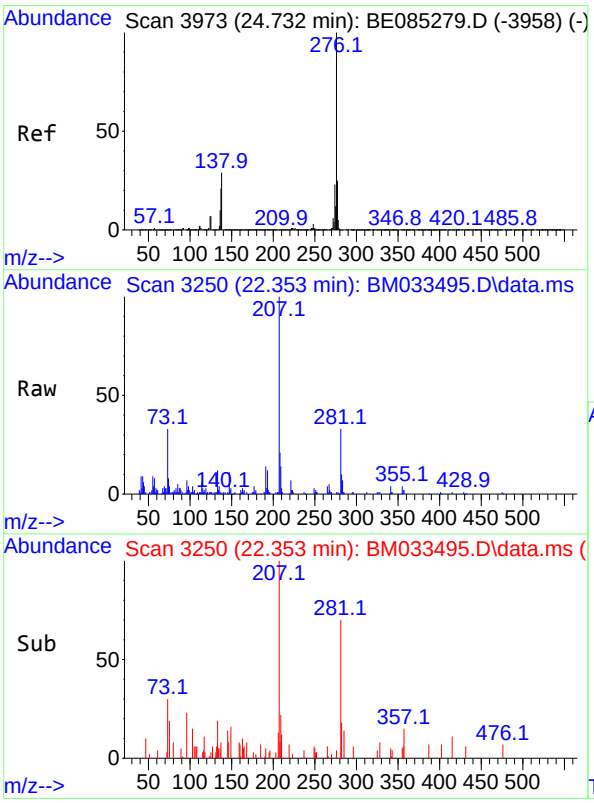
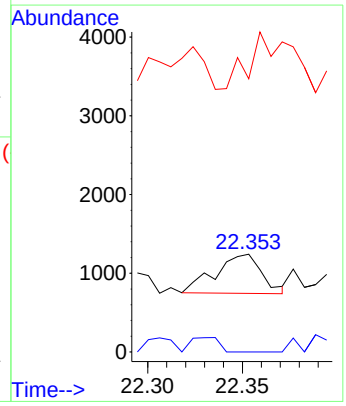


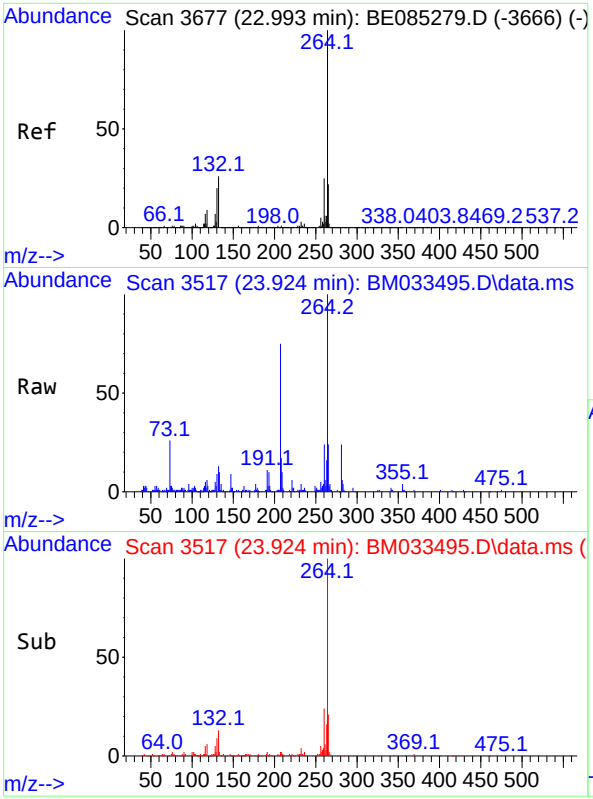




#85
Di-n-octyl phthalate
Concen: 0.067 ng
RT: 22.353 min Scan# 3250
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:149 Resp: 843

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 149 | 100 | | |
| 167 | 0.0 | 1.3 | 1.9# |
| 43 | 447.4 | 10.4 | 15.6# |






#86
Perylene-d12
Concen: 20.000 ng
RT: 23.924 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:264 Resp: 12055

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 264 | 100 | | |
| 260 | 23.6 | 17.7 | 26.5 |
| 265 | 23.5 | 17.7 | 26.5 |

**Manual Integrations**
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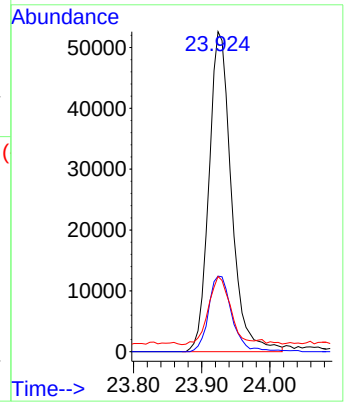
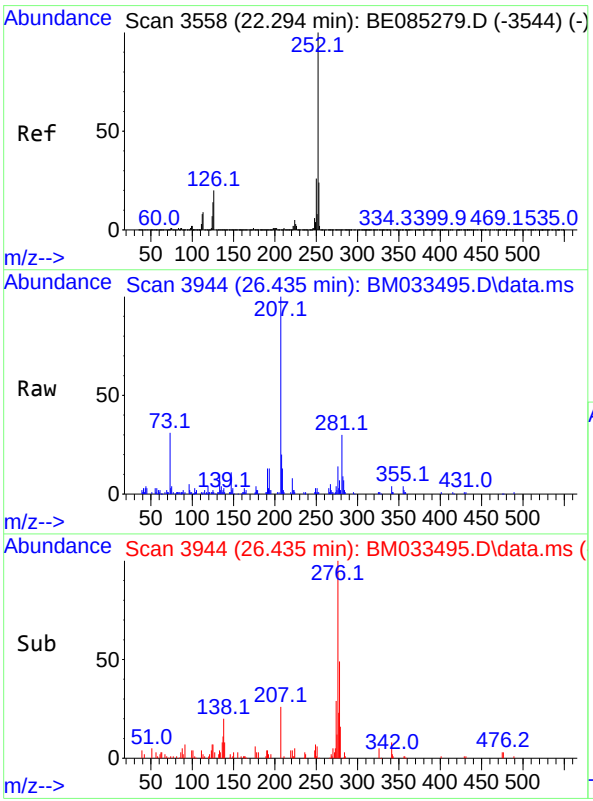
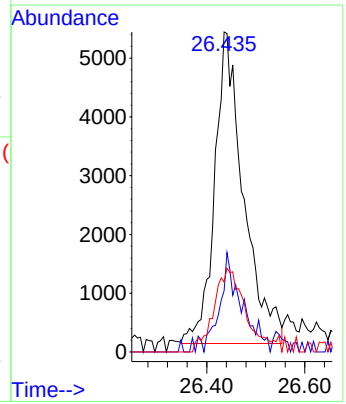


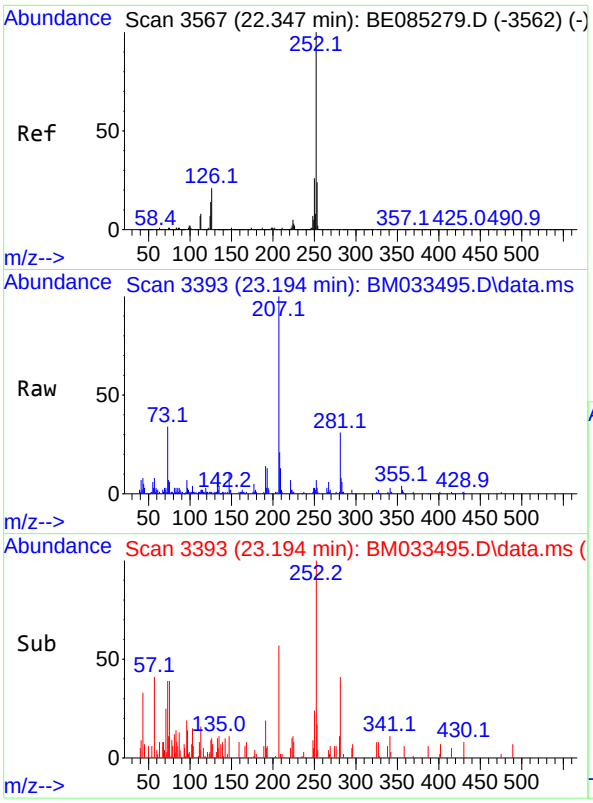




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.919 ng m
RT: 26.435 min Scan# 3944
Delta R.T. -0.012 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:276 Resp: 21780

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 138 | 24.0 | 18.7 | 28.1 |
| 277 | 28.7 | 20.2 | 30.4 |






#88
Benzo(b)fluoranthene
Concen: 0.919 ng
RT: 23.194 min Scan# 3
Delta R.T. -0.001 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

Tgt Ion:252 Resp: 710

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 34.3 | 17.1 | 25.7 |
| 125 | 18.3 | 7.4 | 11.2 |

**Manual Integrations**
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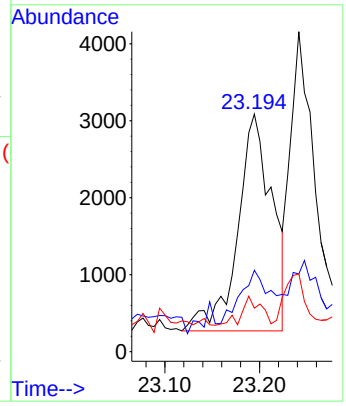
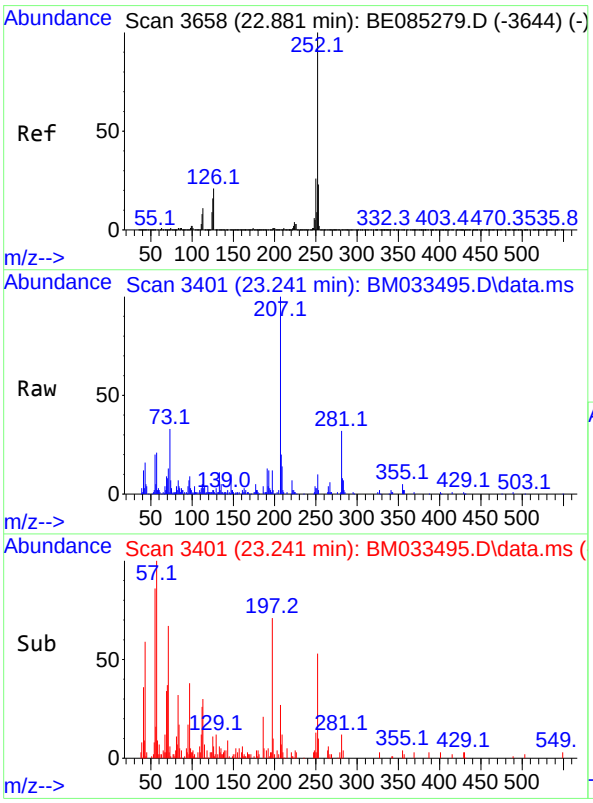
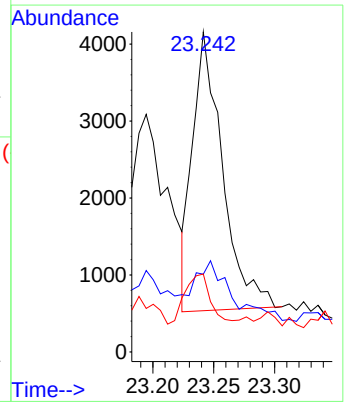


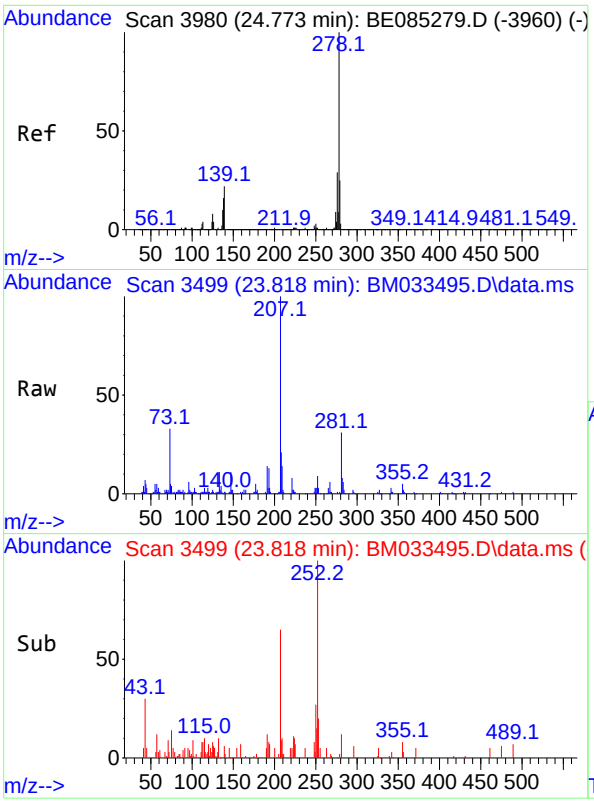




#89
Benzo(k)fluoranthene
Concen: 0.789 ng
RT: 23.241 min Scan# 3401
Delta R.T. -0.006 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:252 Resp: 6168

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 24.3 | 17.8 | 26.8 |
| 125 | 24.4 | 8.1 | 12.1# |






#90
Benzo(a)pyrene
Concen: 1.564 ng
RT: 23.818 min Scan# 3
Delta R.T. -0.012 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:252 Resp: 904

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 252 | 100 | | |
| 253 | 30.5 | 17.5 | 26.3# |
| 125 | 16.4 | 7.8 | 11.8# |

**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

**Manual Integrations**
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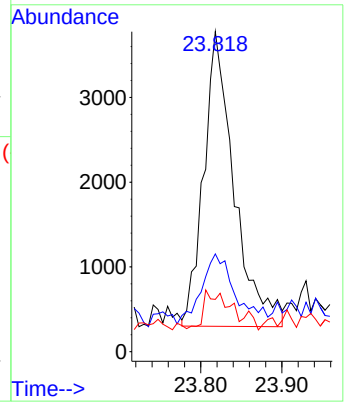
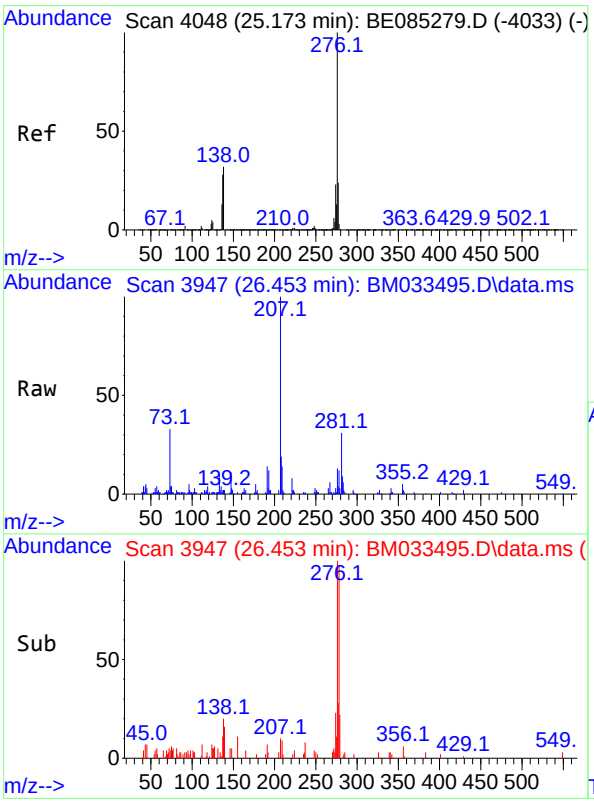
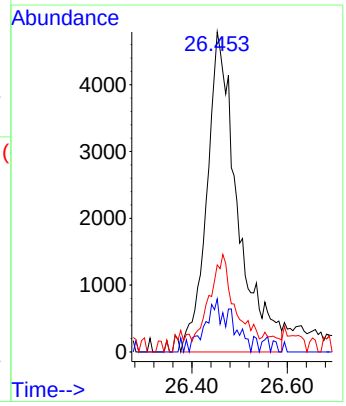


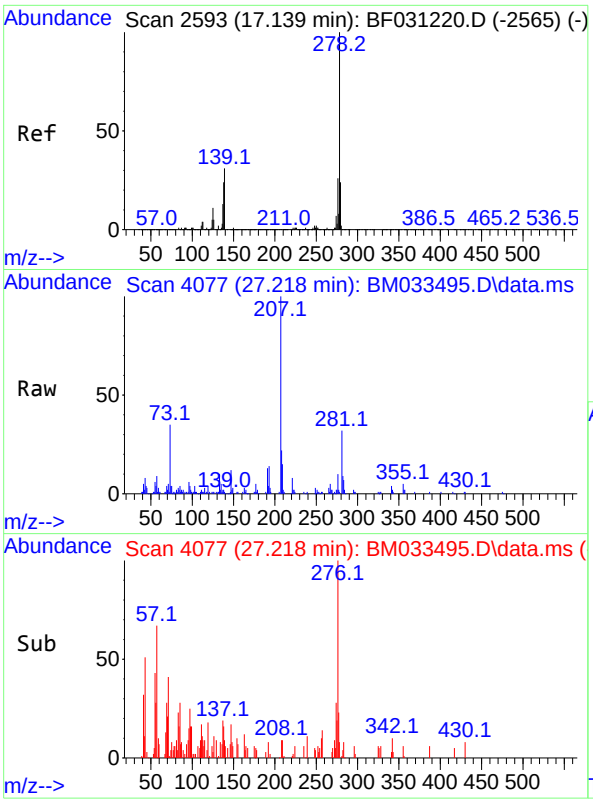




#91
Dibenzo(a,h)anthracene
Concen: 5.125 ng m
RT: 26.453 min Scan# 3947
Delta R.T. -0.012 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:278 Resp: 21364

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 278 | 100 | | |
| 139 | 16.6 | 10.9 | 16.3# |
| 279 | 27.2 | 17.7 | 26.5# |

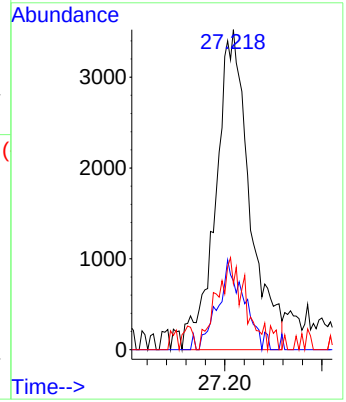





#92
Benzo(g,h,i)perylene
Concen: 3.176 ng m
RT: 27.218 min Scan# 4
Delta R.T. -0.000 min
Lab File: BM033495.D
Acq: 16 Dec 2021 21:37

Tgt Ion:276 Resp: 1702

| Ion | Ratio | Lower | Upper |
|---|---|---|---|
| 276 | 100 | | |
| 277 | 21.5 | 19.1 | 28.7 |
| 138 | 20.6 | 14.8 | 22.2 |




**Instrument :**
BNA_M
**ClientSampleId :**
EFF-WW

**Manual Integrations**
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