

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082021\  
 Data File : BM031860.D  
 Acq On : 21 Aug 2021 02:30  
 Operator : CG/JU  
 Sample : M3435-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SWCS-17-0003

Quant Time: Aug 21 04:28:14 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 14:13:35 2021  
 Response via : Initial Calibration

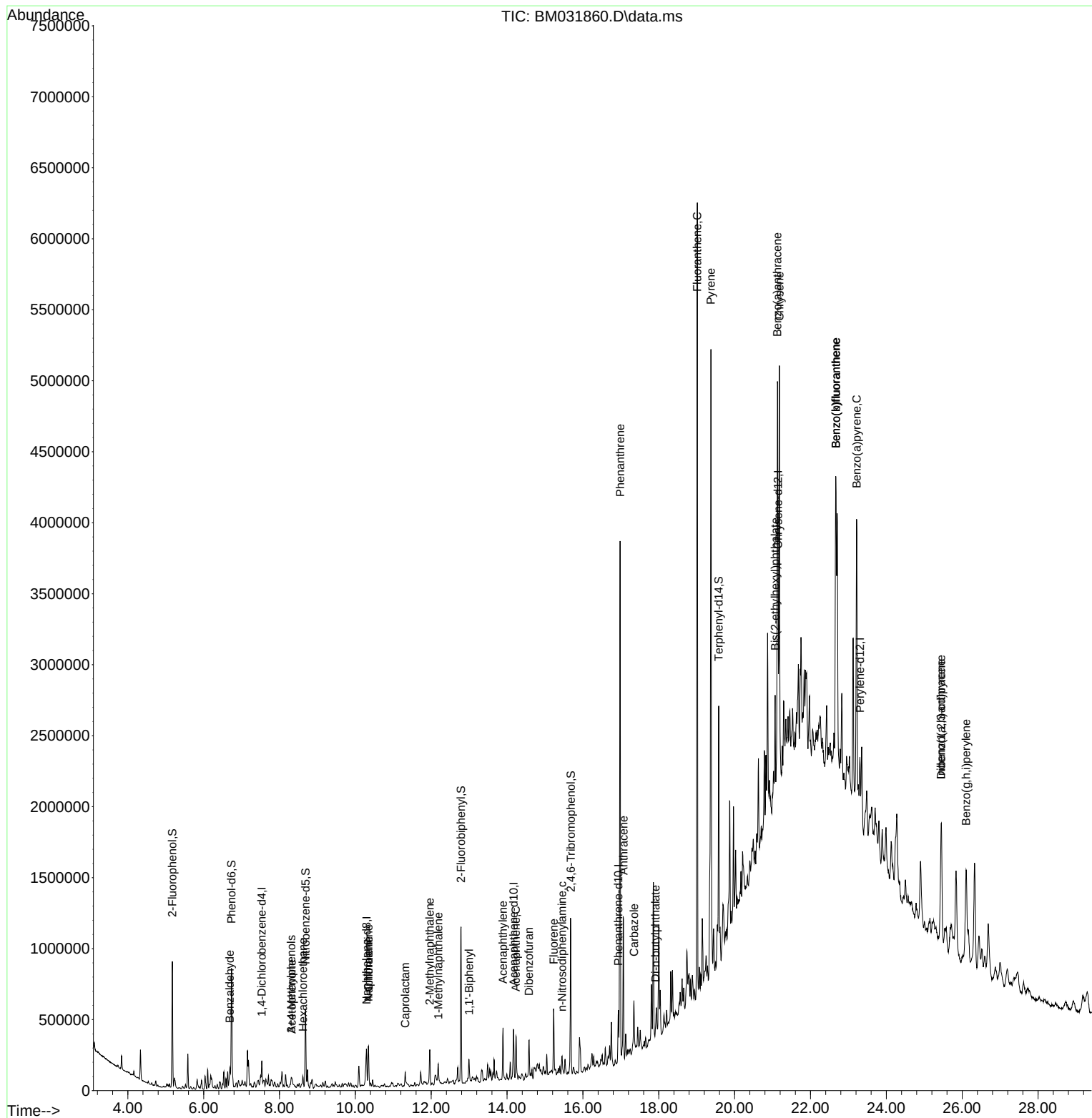
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.534  | 152  | 42482    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.292 | 136  | 171677   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.175 | 164  | 102125   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 16.933 | 188  | 199357   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.145 | 240  | 224873   | 20.000  | ng    | # 0.01   |
| 86) Perylene-d12              | 23.303 | 264  | 214387   | 20.000  | ng    | 0.02     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.175  | 112  | 305317   | 115.351 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.734  | 99   | 381711   | 99.524  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.687  | 82   | 280846   | 68.497  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.680 | 330  | 113930   | 90.578  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 12.786 | 172  | 496194   | 64.670  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.580 | 244  | 655548   | 49.117  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 9) Benzaldehyde               | 6.693  | 77   | 8123     | 2.984   | ng    | # 1      |
| 18) Hexachloroethane          | 8.616  | 117  | 5636     | 3.980   | ng    | # 1      |
| 20) 3+4-Methylphenols         | 8.310  | 107  | 17048    | 4.501   | ng    | 79       |
| 22) Acetophenone              | 8.322  | 105  | 20864    | 4.280   | ng    | # 67     |
| 31) Naphthalene               | 10.345 | 128  | 195897   | 19.930  | ng    | 98       |
| 33) 4-Chloroaniline           | 10.345 | 127  | 26290    | 6.435   | ng    | # 41     |
| 35) Caprolactam               | 11.316 | 113  | 3389     | 3.401   | ng    | # 4      |
| 37) 2-Methylnaphthalene       | 11.963 | 142  | 105312   | 14.318  | ng    | 95       |
| 38) 1-Methylnaphthalene       | 12.186 | 142  | 52028    | 7.406   | ng    | # 98     |
| 46) 1,1'-Biphenyl             | 12.998 | 154  | 27837    | 3.464   | ng    | 96       |
| 49) Acenaphthylene            | 13.892 | 152  | 218210   | 21.125  | ng    | 98       |
| 52) Acenaphthene              | 14.233 | 154  | 96287    | 15.302  | ng    | 97       |
| 55) Dibenzofuran              | 14.575 | 168  | 122005   | 11.603  | ng    | # 89     |
| 58) Fluorene                  | 15.227 | 166  | 180780   | 20.710  | ng    | 99       |
| 66) n-Nitrosodiphenylamine    | 15.451 | 169  | 13457    | 2.053   | ng    | # 89     |
| 71) Phenanthrene              | 16.980 | 178  | 1884987  | 155.035 | ng    | 99       |
| 72) Anthracene                | 17.068 | 178  | 571297   | 47.930  | ng    | 99       |
| 73) Carbazole                 | 17.345 | 167  | 179098   | 14.999  | ng    | # 96     |
| 74) Di-n-butylphthalate       | 17.915 | 149  | 29929    | 2.012   | ng    | # 88     |
| 75) Fluoranthene              | 19.015 | 202  | 2931461  | 201.291 | ng    | 98       |
| 78) Pyrene                    | 19.374 | 202  | 2476439  | 152.016 | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.127 | 228  | 1272668  | 77.265  | ng    | 95       |
| 83) Chrysene                  | 21.180 | 228  | 1182994  | 73.681  | ng    | 96       |
| 84) Bis(2-ethylhexyl)phtha... | 21.068 | 149  | 191569   | 15.877  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene    | 25.444 | 276  | 634900   | 42.024  | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 22.674 | 252  | 2000522  | 124.282 | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 22.674 | 252  | 2000522  | 128.764 | ng    | # 93     |
| 90) Benzo(a)pyrene            | 23.221 | 252  | 1071242  | 75.166  | ng    | # 96     |
| 91) Dibenzo(a,h)anthracene    | 25.444 | 278  | 163857   | 12.332  | ng    | # 81     |
| 92) Benzo(g,h,i)perylene      | 26.103 | 276  | 615962   | 50.908  | ng    | 96       |
| -----                         |        |      |          |         |       |          |

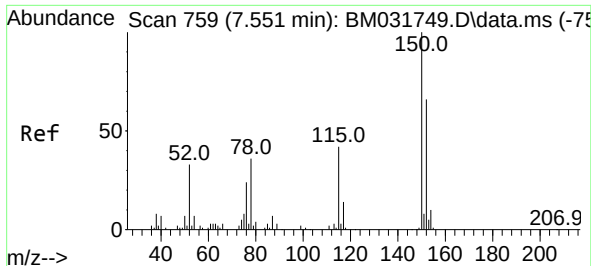
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM082021\  
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Sample : M3435-01  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 18 14:13:35 2021  
Response via : Initial Calibration

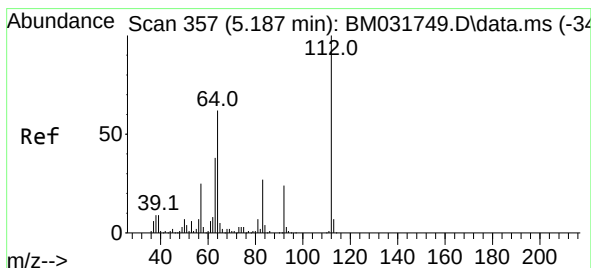
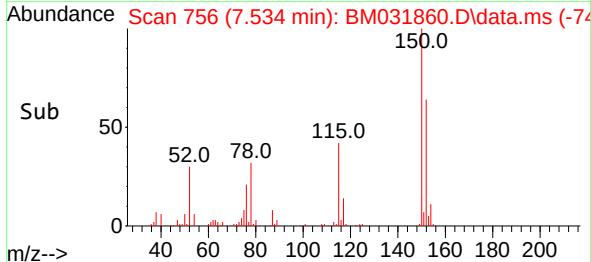
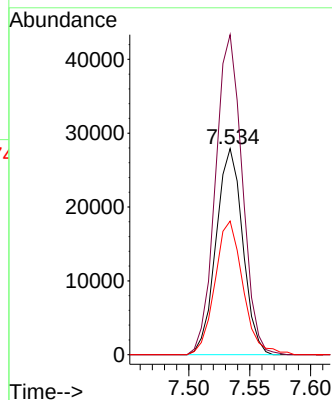
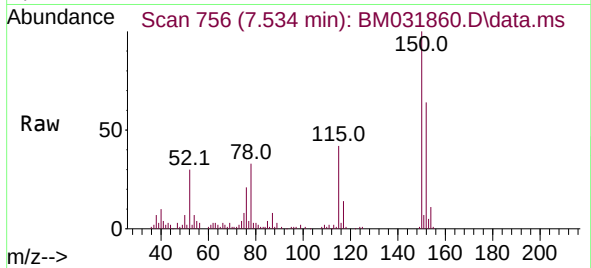




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

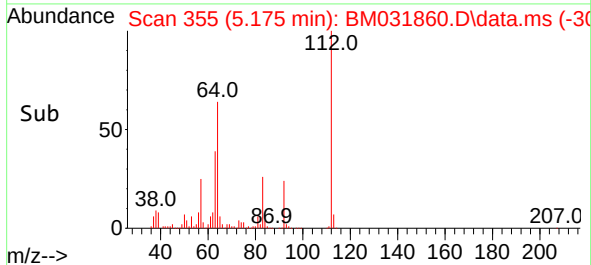
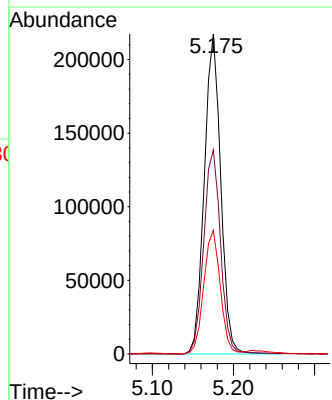
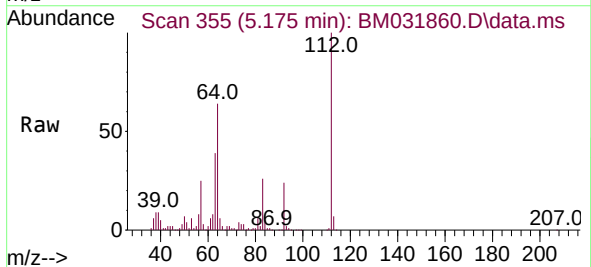
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

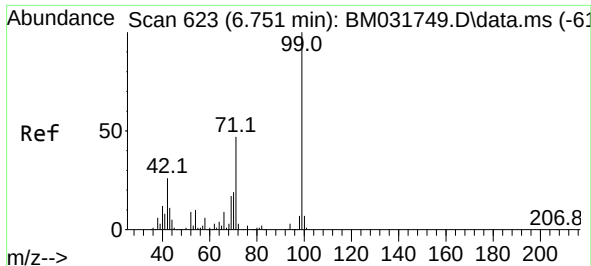
Tgt Ion:152 Resp: 42482  
Ion Ratio Lower Upper  
152 100  
150 155.3 125.9 188.9  
115 64.9 44.6 67.0



#5  
2-Fluorophenol  
Concen: 115.351 ng  
RT: 5.175 min Scan# 355  
Delta R.T. 0.000 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:112 Resp: 305317  
Ion Ratio Lower Upper  
112 100  
64 63.8 47.1 70.7  
63 38.7 27.3 40.9

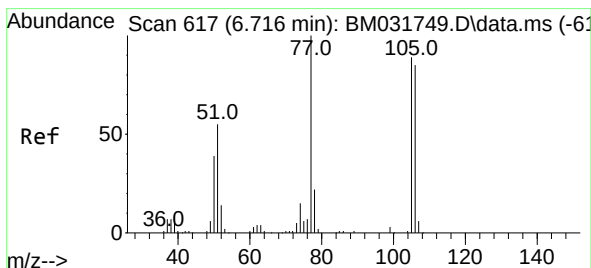
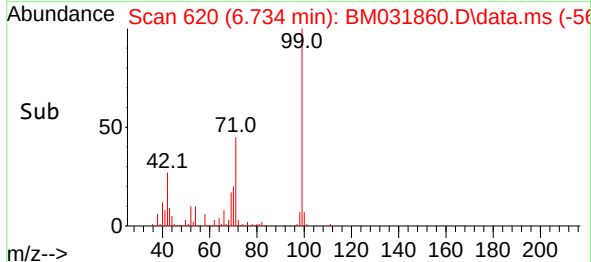
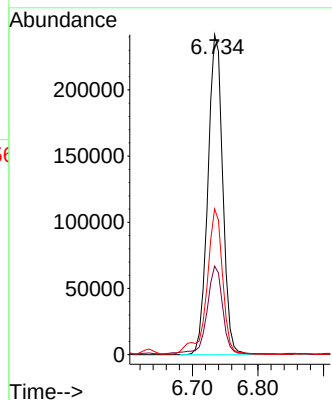
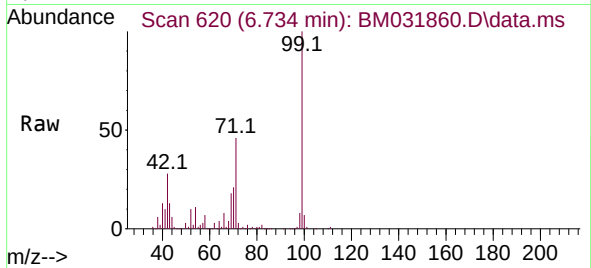




#7  
Phenol-d6  
Concen: 99.524 ng  
RT: 6.734 min Scan# 620  
Delta R.T. 0.000 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

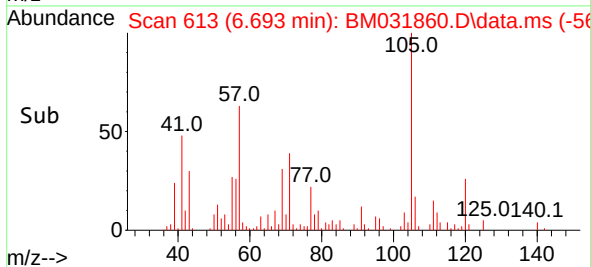
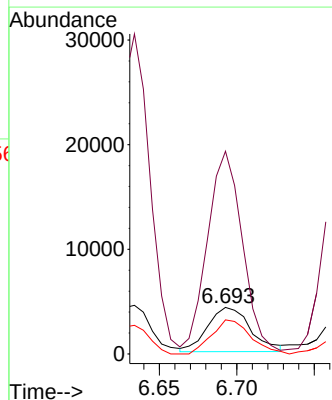
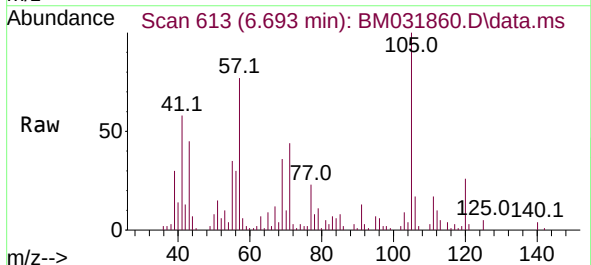
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

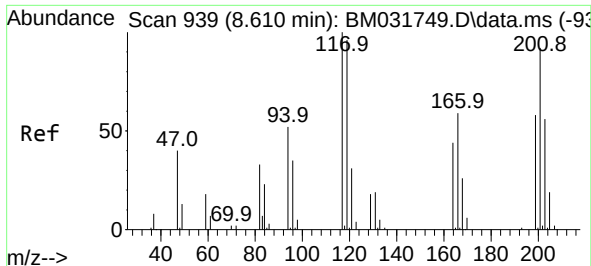
Tgt Ion: 99 Resp: 381711  
Ion Ratio Lower Upper  
99 100  
42 27.7 18.0 27.0#  
71 45.6 30.9 46.3



#9  
Benzaldehyde  
Concen: 2.984 ng  
RT: 6.693 min Scan# 613  
Delta R.T. -0.012 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

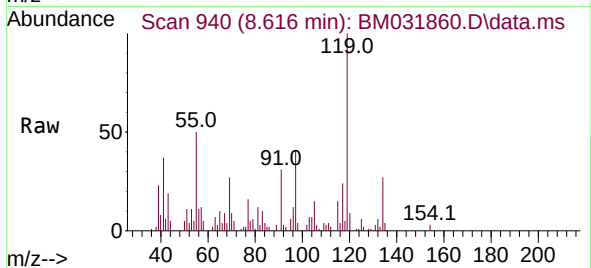
Tgt Ion: 77 Resp: 8123  
Ion Ratio Lower Upper  
77 100  
105 436.2 71.2 111.2#  
106 73.2 68.6 108.6



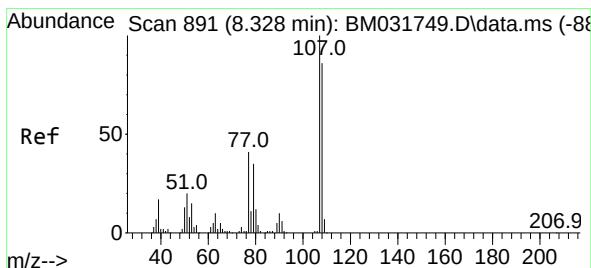
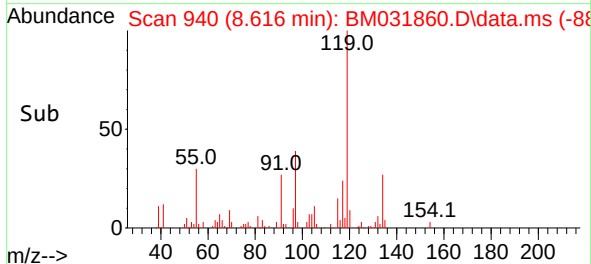
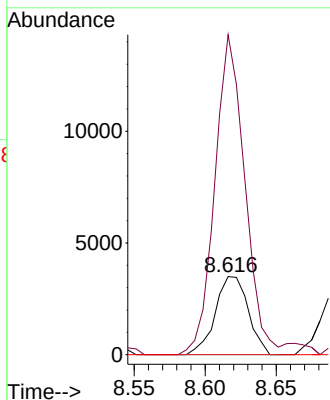


#18  
Hexachloroethane  
Concen: 3.980 ng  
RT: 8.616 min Scan# 940  
Delta R.T. 0.024 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

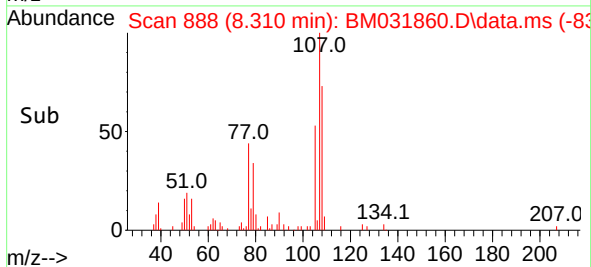
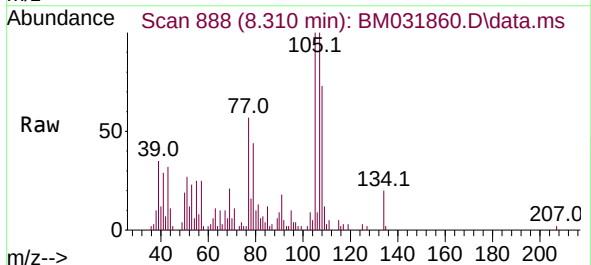
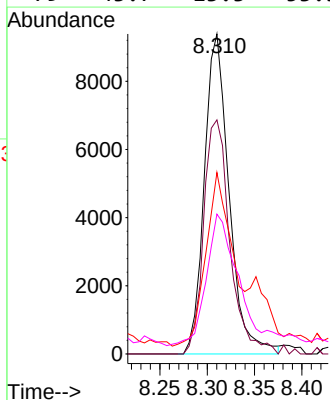


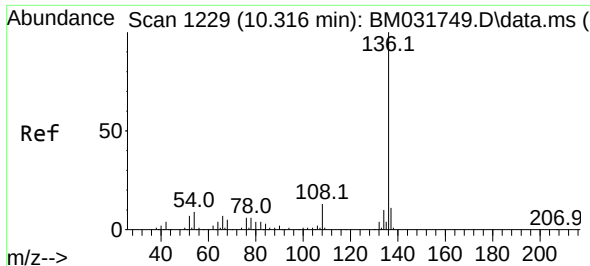
Tgt Ion:117 Resp: 5636  
Ion Ratio Lower Upper  
117 100  
119 410.0 76.2 114.2#  
201 0.0 89.8 134.6#



#20  
3+4-Methylphenols  
Concen: 4.501 ng  
RT: 8.310 min Scan# 888  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

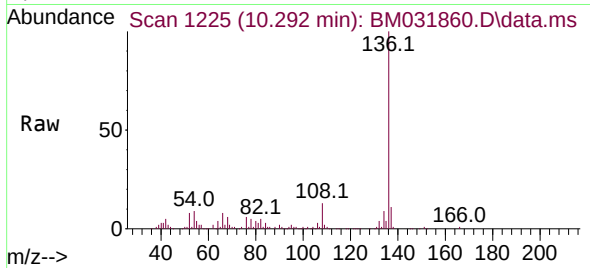
Tgt Ion:107 Resp: 17048  
Ion Ratio Lower Upper  
107 100  
108 73.2 69.9 109.9  
77 56.7 17.3 57.3  
79 43.7 13.3 53.3



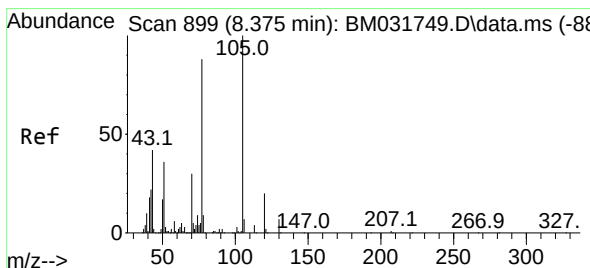
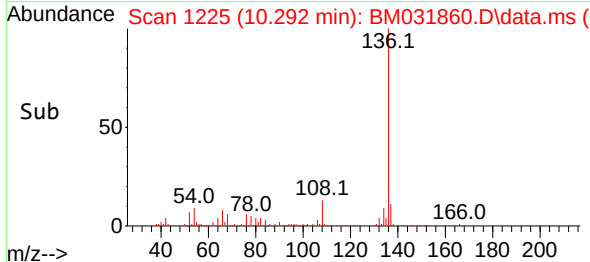
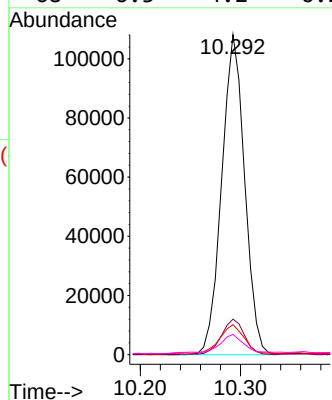


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.292 min Scan# 1225  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

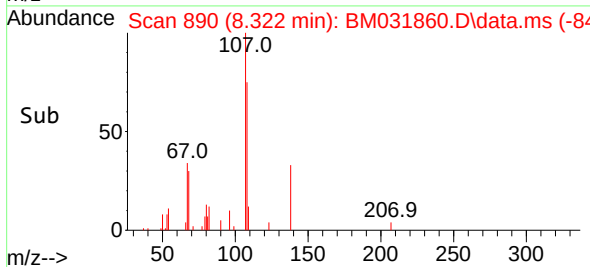
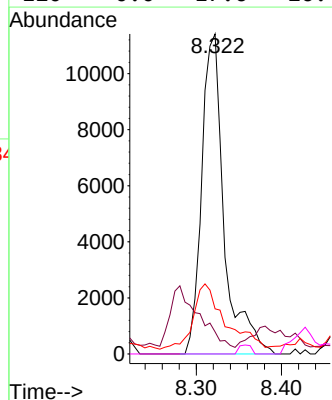
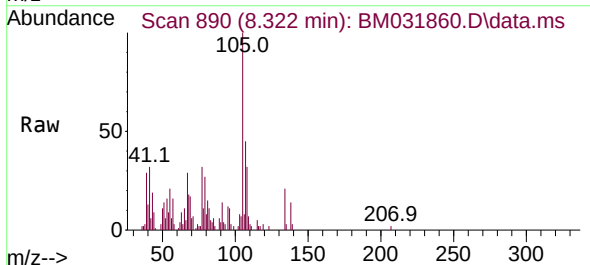


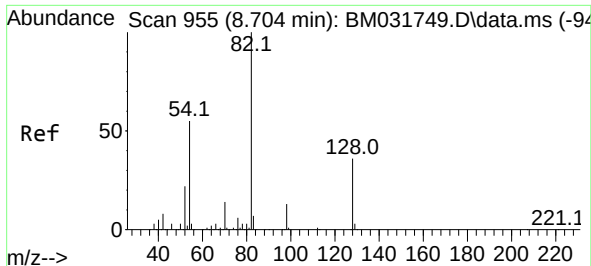
Tgt Ion:136 Resp: 171677  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.4 12.6  
54 9.4 5.5 8.3#  
68 6.3 4.2 6.2#



#22  
Acetophenone  
Concen: 4.280 ng  
RT: 8.322 min Scan# 890  
Delta R.T. -0.041 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:105 Resp: 20864  
Ion Ratio Lower Upper  
105 100  
71 6.9 3.4 5.0#  
51 14.1 22.2 33.4#  
120 0.0 17.6 26.4#

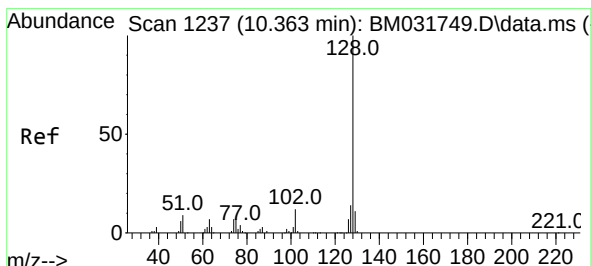
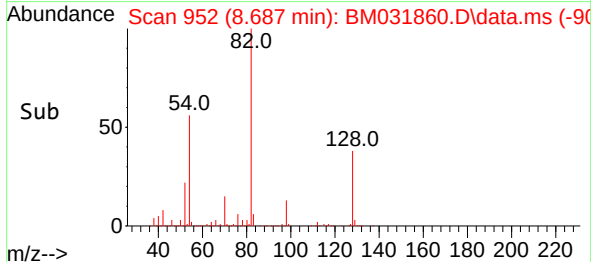
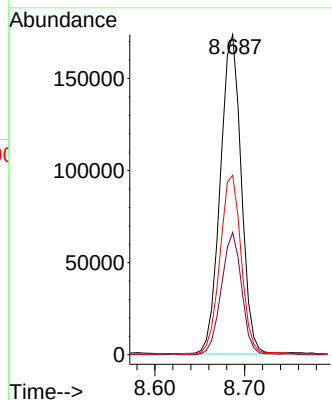
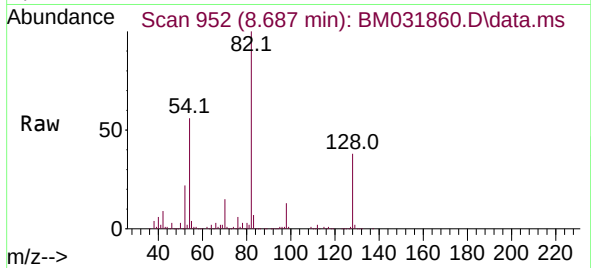




#23  
Nitrobenzene-d5  
Concen: 68.497 ng  
RT: 8.687 min Scan# 952  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

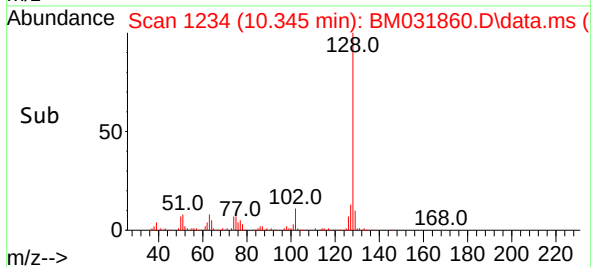
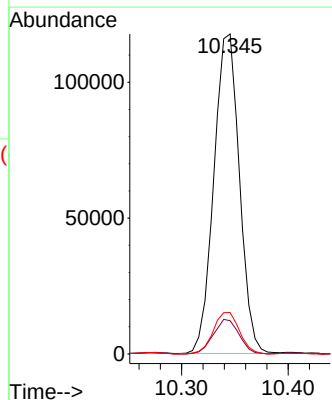
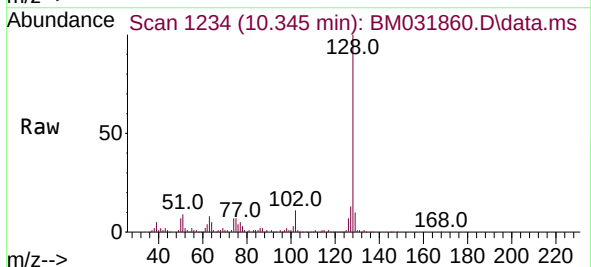
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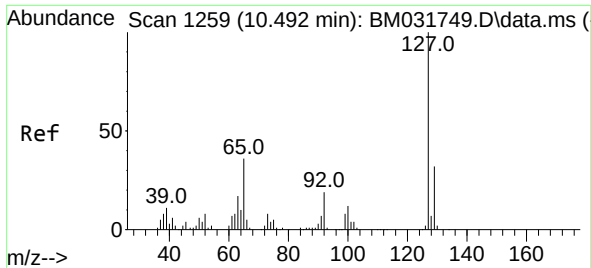
Tgt Ion: 82 Resp: 280846  
Ion Ratio Lower Upper  
82 100  
128 38.2 31.1 46.7  
54 56.1 37.3 55.9#



#31  
Naphthalene  
Concen: 19.930 ng  
RT: 10.345 min Scan# 1234  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

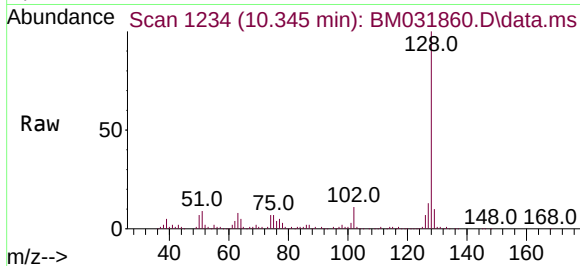
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Ion Ratio Lower Upper  
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129 10.4 9.0 13.6  
127 13.0 10.8 16.2



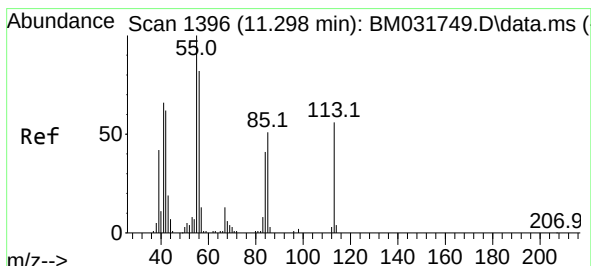
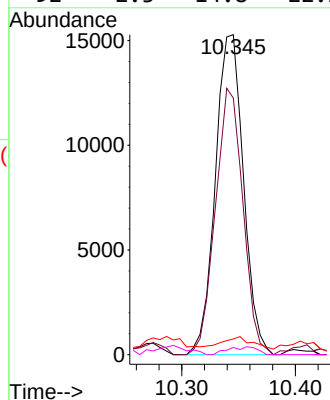
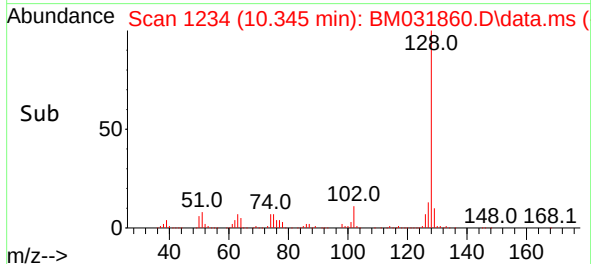


#33  
4-Chloroaniline  
Concen: 6.435 ng  
RT: 10.345 min Scan# 1234  
Delta R.T. -0.129 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

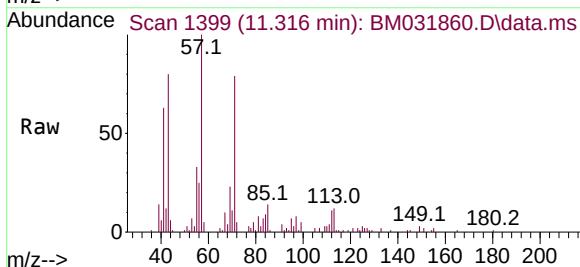
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003



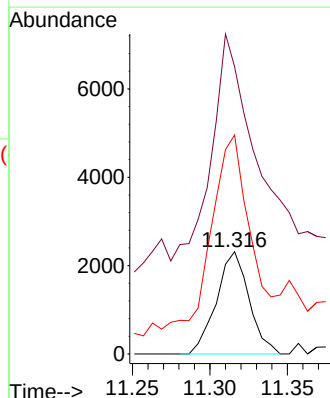
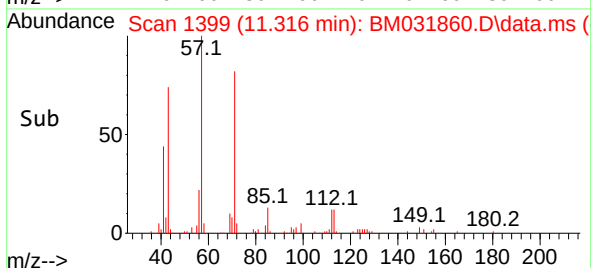
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 80.2  | 26.8  | 40.2# |
| 65      | 4.9   | 25.2  | 37.8# |
| 92      | 2.3   | 14.8  | 22.2# |



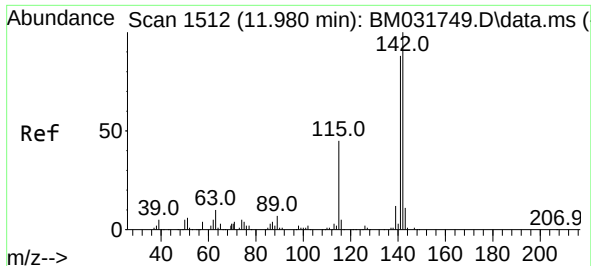
#35  
Caprolactam  
Concen: 3.401 ng  
RT: 11.316 min Scan# 1399  
Delta R.T. 0.030 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30



| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 280.9 | 132.0 | 172.0# |
| 56      | 214.3 | 96.3  | 136.3# |



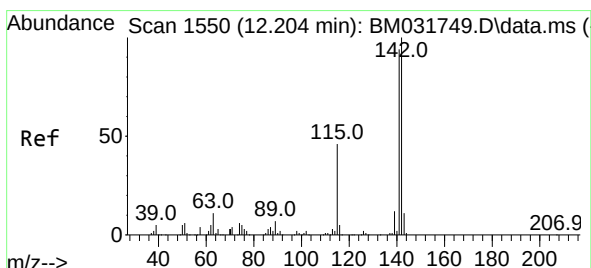
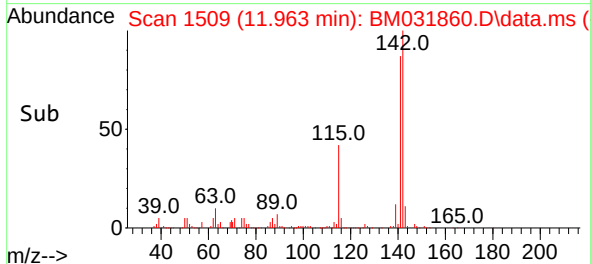
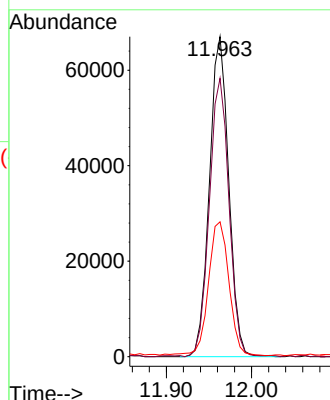
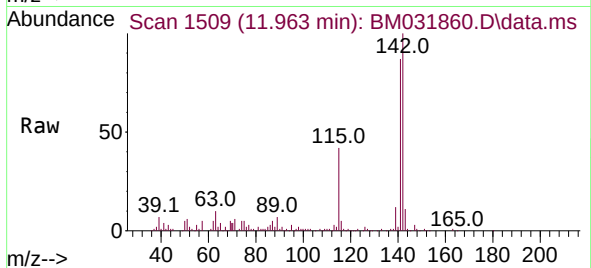




#37  
2-Methylnaphthalene  
Concen: 14.318 ng  
RT: 11.963 min Scan# 1509  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

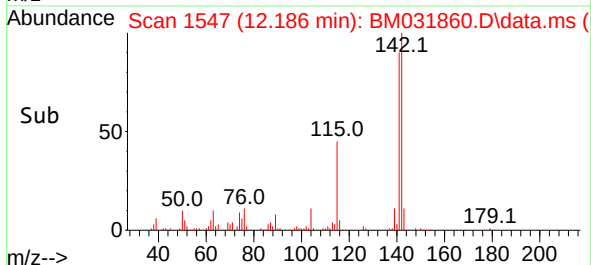
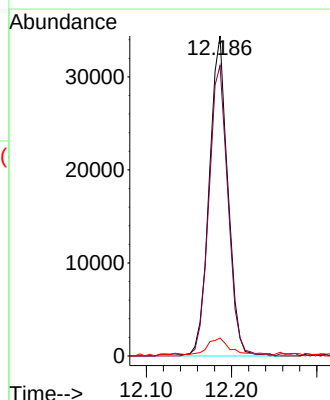
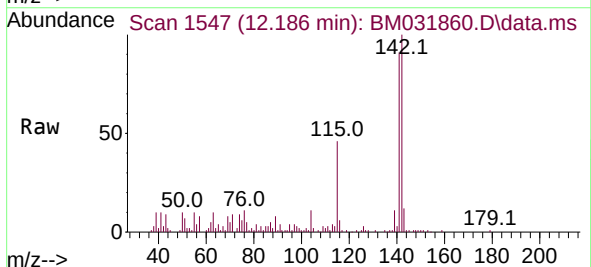
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

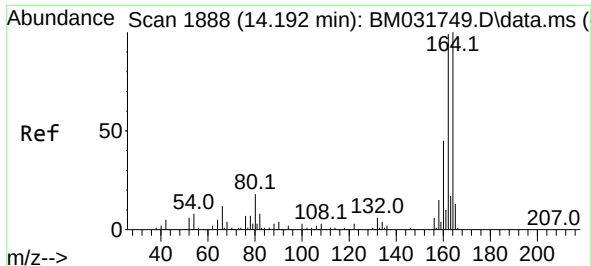
Tgt Ion:142 Resp: 105312  
Ion Ratio Lower Upper  
142 100  
141 87.0 71.7 107.5  
115 42.2 29.1 43.7



#38  
1-Methylnaphthalene  
Concen: 7.406 ng  
RT: 12.186 min Scan# 1547  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:142 Resp: 52028  
Ion Ratio Lower Upper  
142 100  
141 90.8 74.2 111.4  
116 5.6 3.0 4.6#

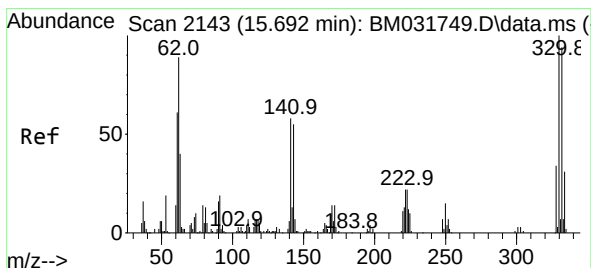
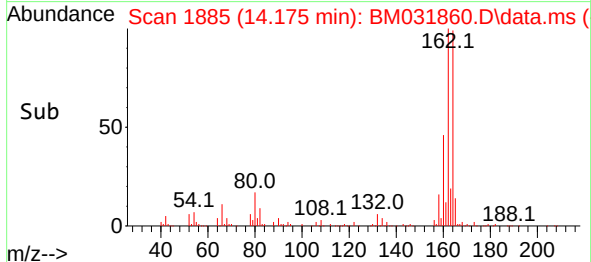
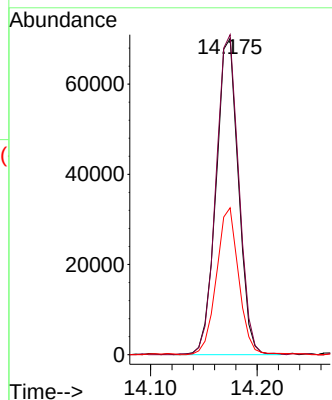
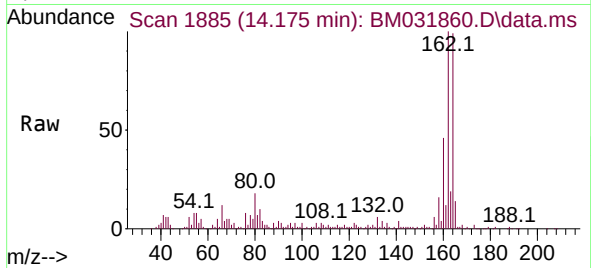




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.175 min Scan# 1885  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

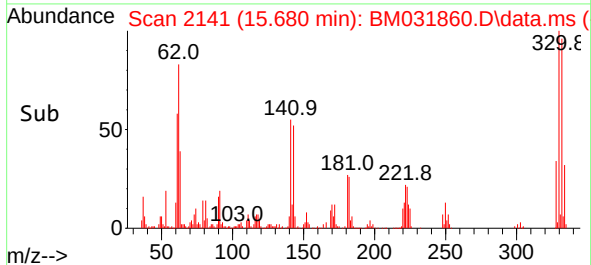
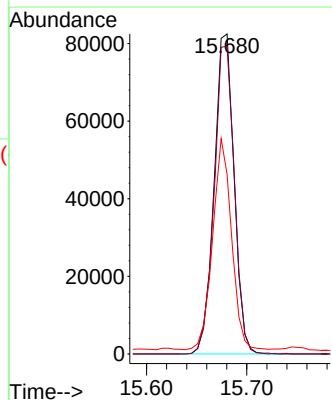
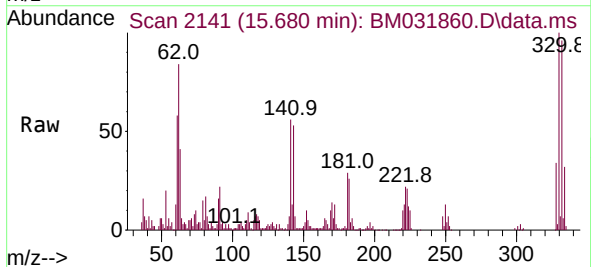
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

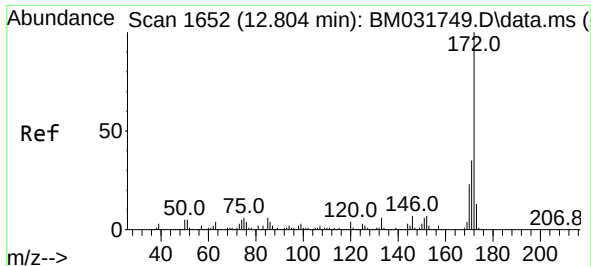
Tgt Ion:164 Resp: 102125  
Ion Ratio Lower Upper  
164 100  
162 101.2 83.4 125.0  
160 46.5 37.2 55.8



#42  
2,4,6-Tribromophenol  
Concen: 90.578 ng  
RT: 15.680 min Scan# 2141  
Delta R.T. 0.000 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:330 Resp: 113930  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.0 115.4  
141 62.2 30.2 45.2#

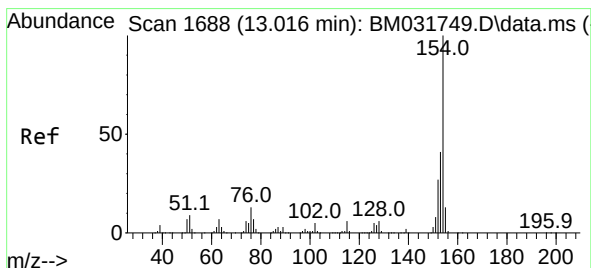
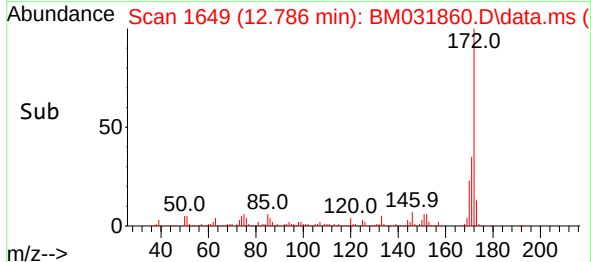
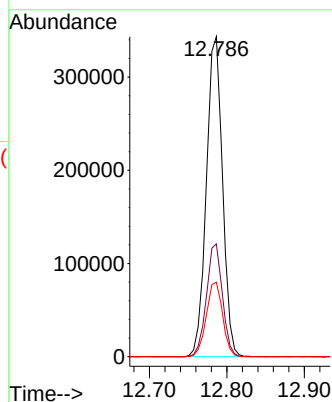
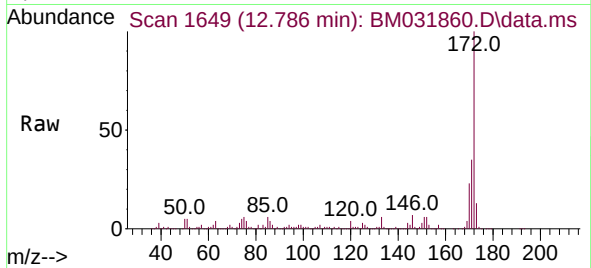




#45  
2-Fluorobiphenyl  
Concen: 64.670 ng  
RT: 12.786 min Scan# 1649  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

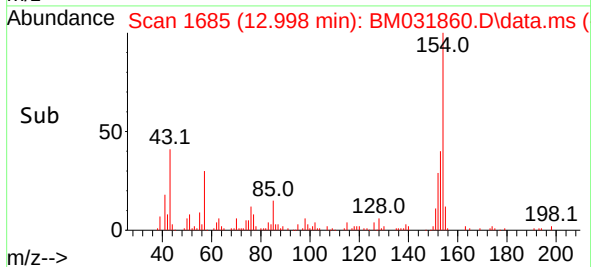
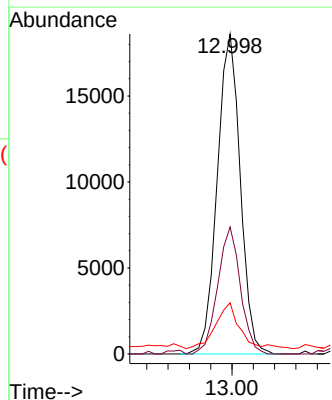
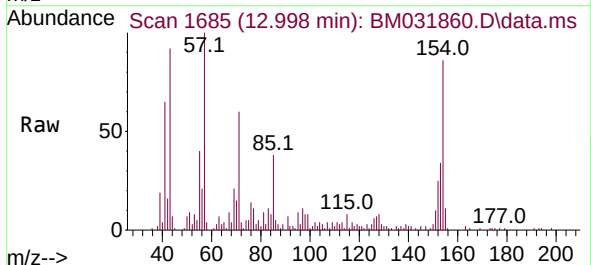
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

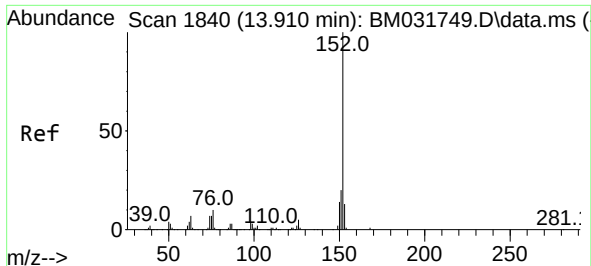
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 496194    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 35.3  | 28.6 43.0 |
| 170         | 23.2  | 18.4 27.6 |



#46  
1,1'-Biphenyl  
Concen: 3.464 ng  
RT: 12.998 min Scan# 1685  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:154 | Resp: | 27837     |
| Ion Ratio   | Lower | Upper     |
| 154         | 100   |           |
| 153         | 39.6  | 20.7 60.7 |
| 76          | 16.0  | 0.0 31.0  |

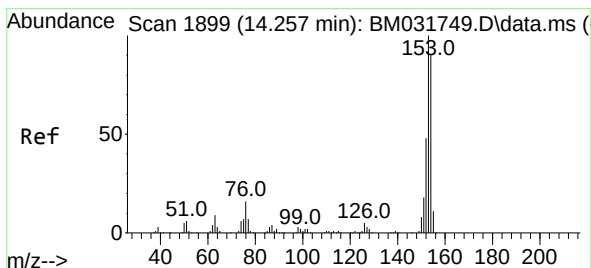
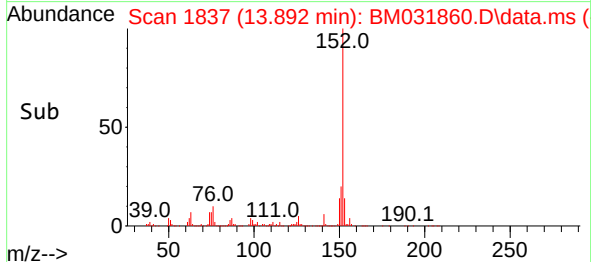
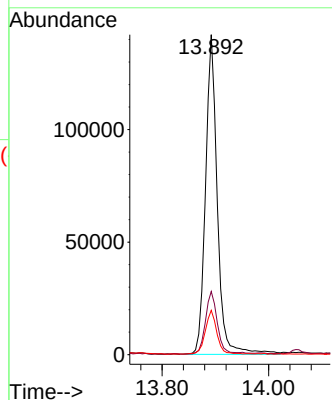
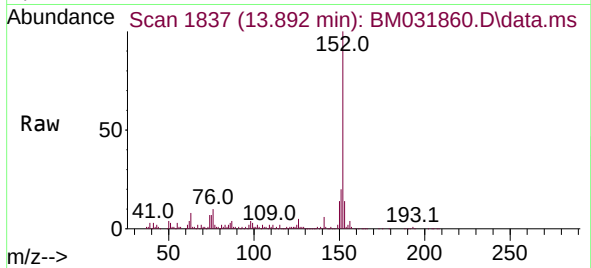




#49  
Acenaphthylene  
Concen: 21.125 ng  
RT: 13.892 min Scan# 1837  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

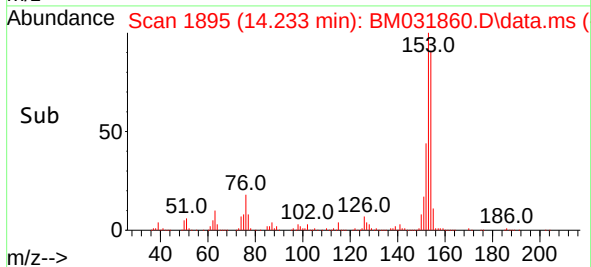
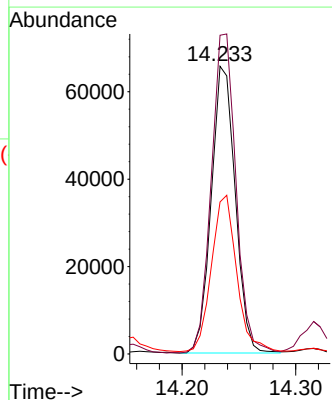
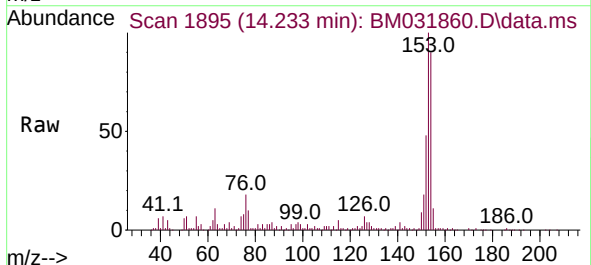
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

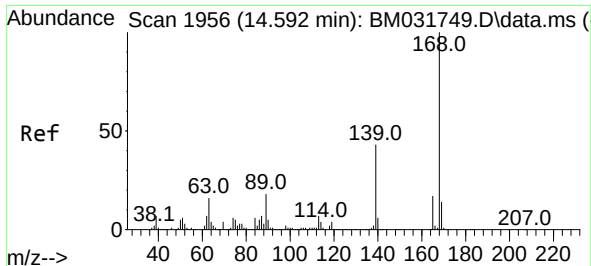
Tgt Ion:152 Resp: 218210  
Ion Ratio Lower Upper  
152 100  
151 19.8 16.3 24.5  
153 13.9 10.2 15.4



#52  
Acenaphthene  
Concen: 15.302 ng  
RT: 14.233 min Scan# 1895  
Delta R.T. -0.012 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:154 Resp: 96287  
Ion Ratio Lower Upper  
154 100  
153 110.8 92.2 138.2  
152 52.9 43.4 65.2

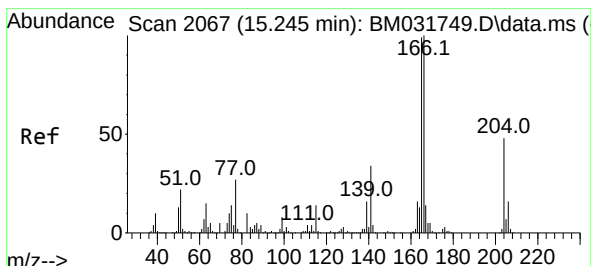
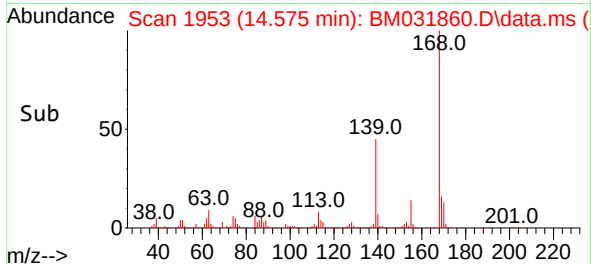
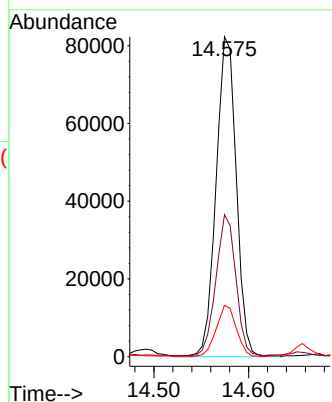
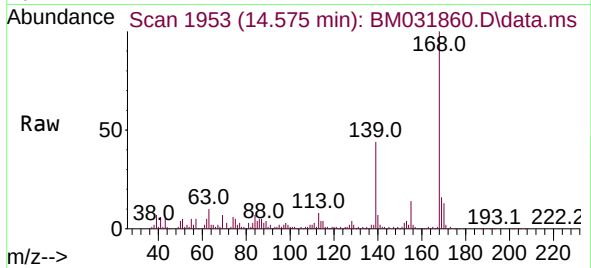




#55  
Dibenzenofuran  
Concen: 11.603 ng  
RT: 14.575 min Scan# 1953  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

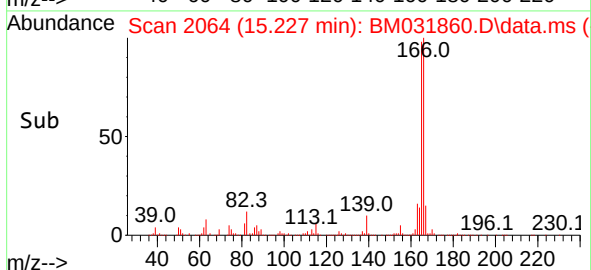
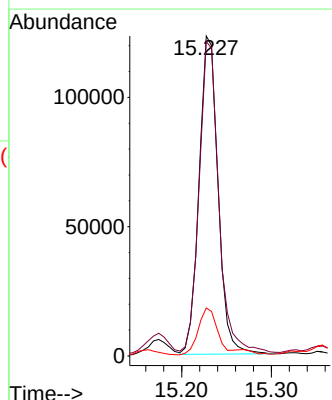
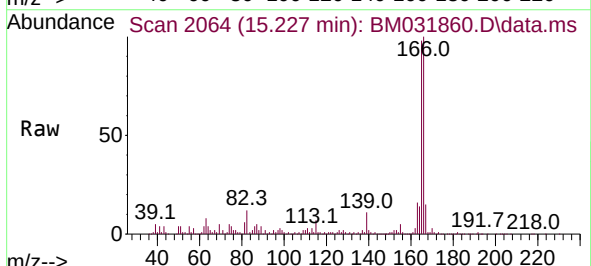
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

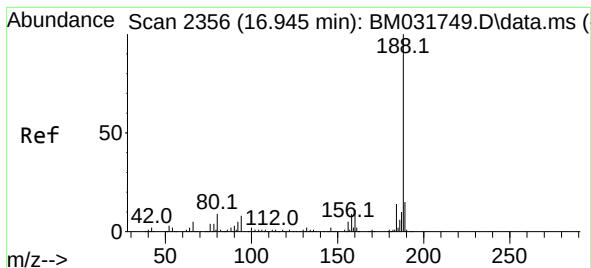
Tgt Ion:168 Resp: 122005  
Ion Ratio Lower Upper  
168 100  
139 44.4 29.4 44.0#  
169 16.0 10.8 16.2



#58  
Fluorene  
Concen: 20.710 ng  
RT: 15.227 min Scan# 2064  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:166 Resp: 180780  
Ion Ratio Lower Upper  
166 100  
165 98.3 79.0 118.6  
167 15.0 10.8 16.2

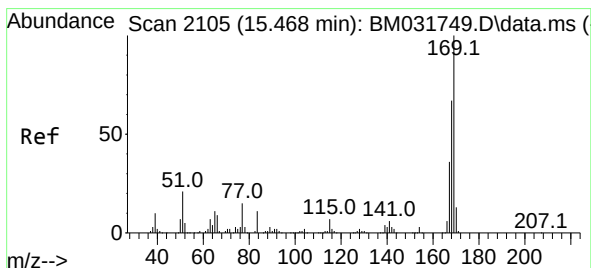
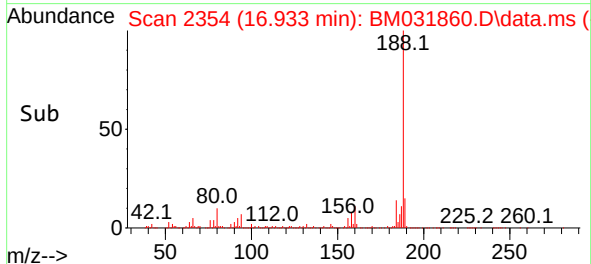
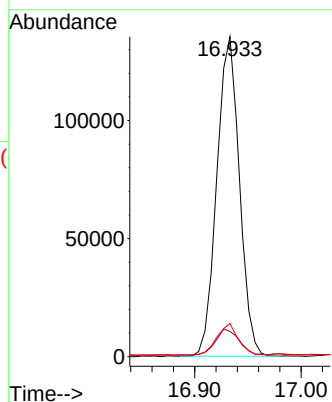
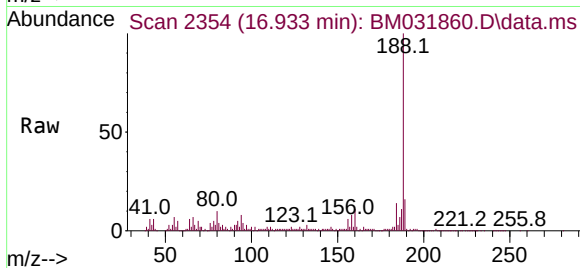




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.933 min Scan# 2354  
Delta R.T. 0.000 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

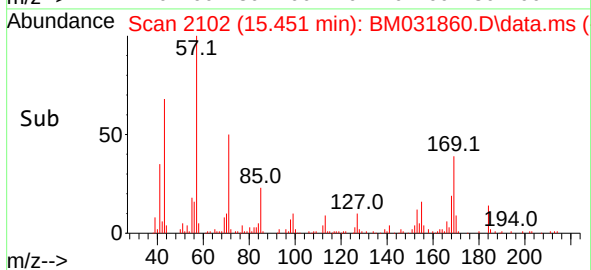
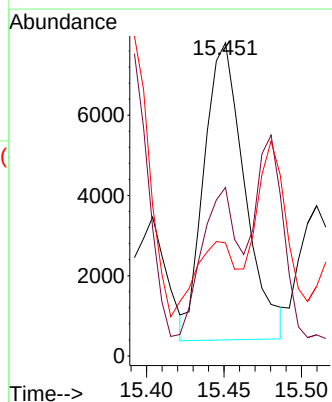
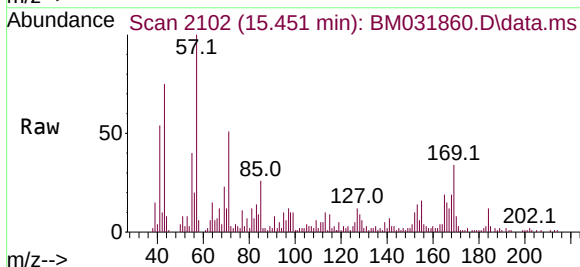
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

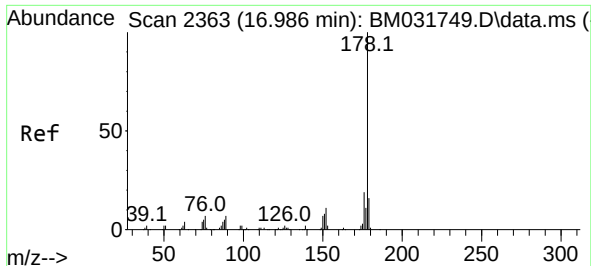
Tgt Ion:188 Resp: 199357  
Ion Ratio Lower Upper  
188 100  
94 7.9 6.0 9.0  
80 10.4 6.6 9.8#



#66  
n-Nitrosodiphenylamine  
Concen: 2.053 ng  
RT: 15.451 min Scan# 2102  
Delta R.T. -0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:169 Resp: 13457  
Ion Ratio Lower Upper  
169 100  
168 53.8 54.2 81.2#  
167 36.1 29.0 43.6

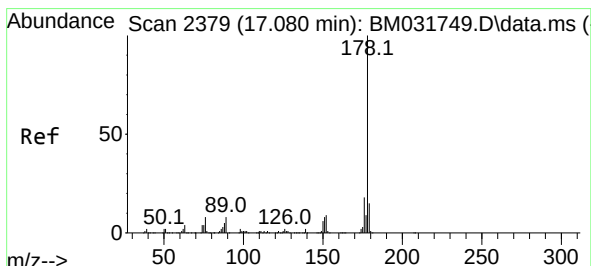
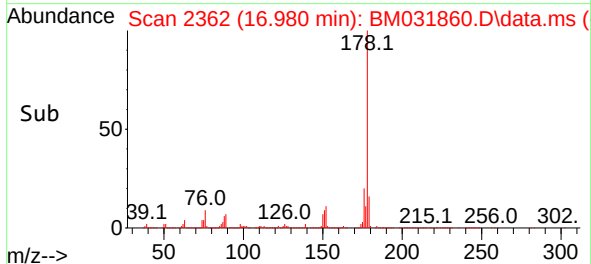
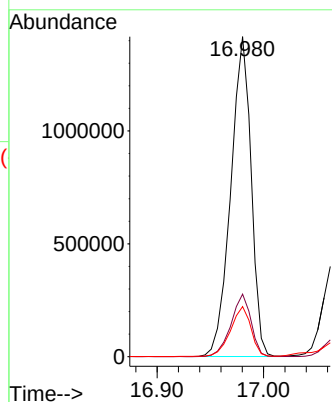
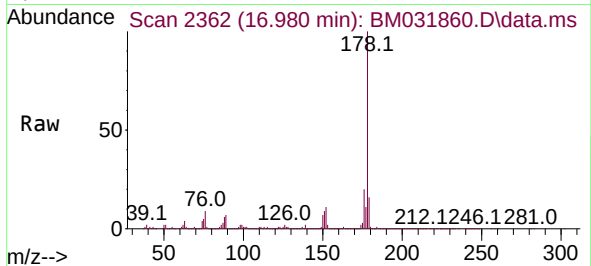




#71  
Phenanthrene  
Concen: 155.035 ng  
RT: 16.980 min Scan# 2362  
Delta R.T. 0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

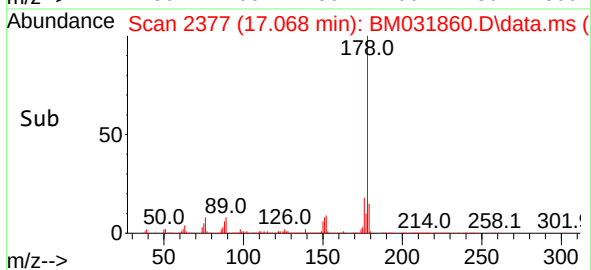
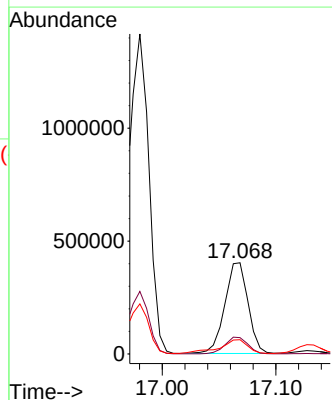
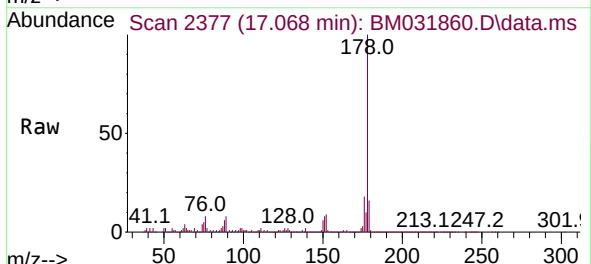
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

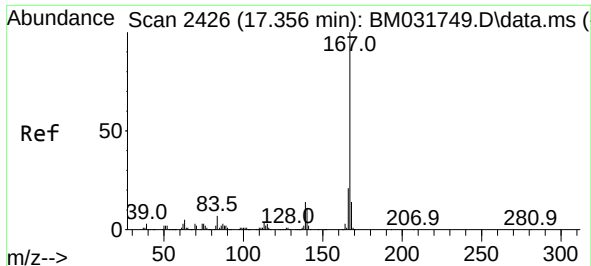
Tgt Ion:178 Resp: 1884987  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.4 23.0  
179 15.6 12.2 18.4



#72  
Anthracene  
Concen: 47.930 ng  
RT: 17.068 min Scan# 2377  
Delta R.T. 0.000 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:178 Resp: 571297  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.0 22.4  
179 15.6 12.5 18.7

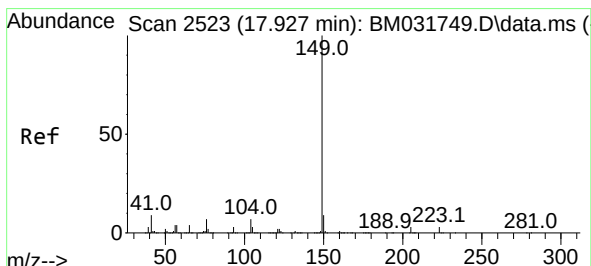
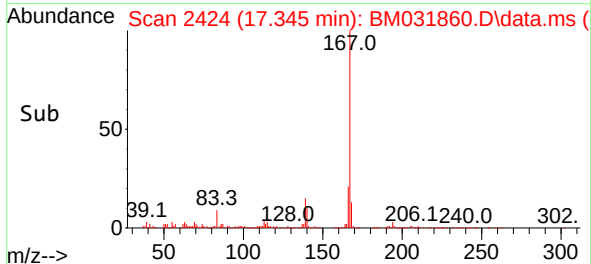
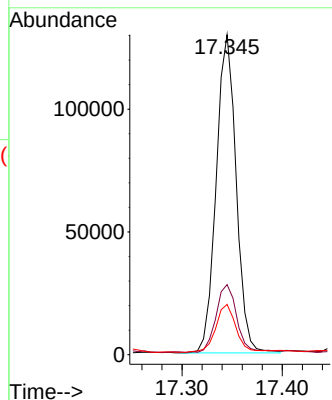
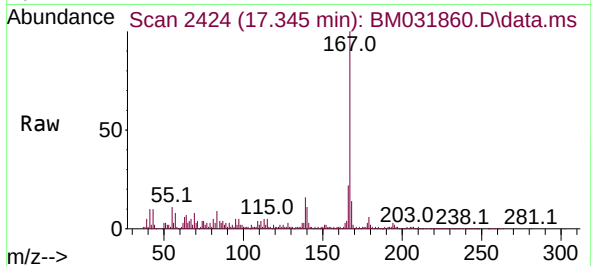




#73  
 Carbazole  
 Concen: 14.999 ng  
 RT: 17.345 min Scan# 2424  
 Delta R.T. 0.000 min  
 Lab File: BM031860.D  
 Acq: 21 Aug 2021 02:30

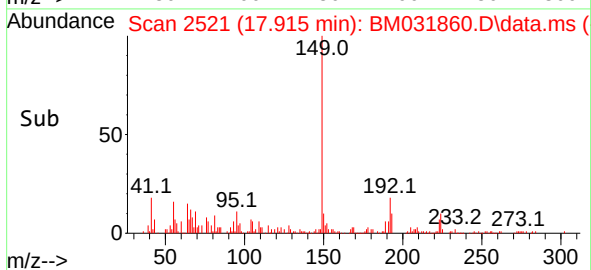
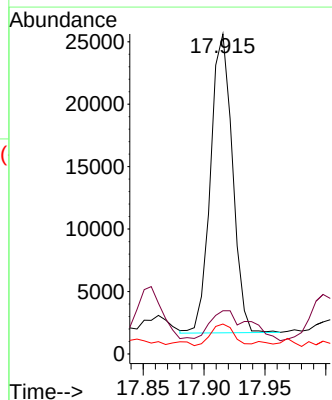
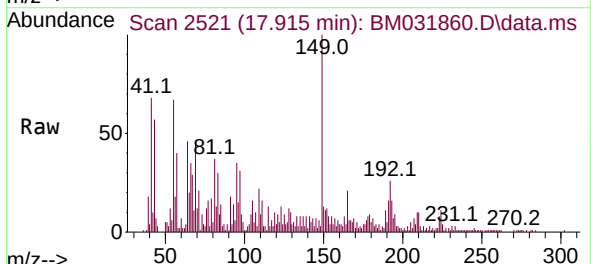
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SWCS-17-0003

Tgt Ion:167 Resp: 179098  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 17.4 26.0  
 139 15.7 9.8 14.6#

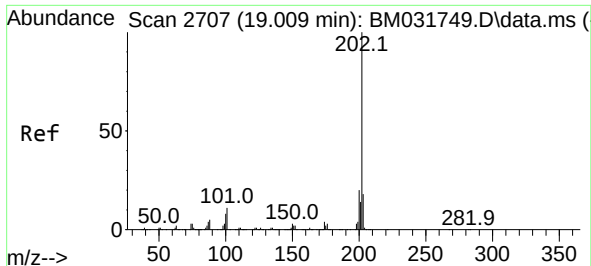


#74  
 Di-n-butylphthalate  
 Concen: 2.012 ng  
 RT: 17.915 min Scan# 2521  
 Delta R.T. 0.000 min  
 Lab File: BM031860.D  
 Acq: 21 Aug 2021 02:30

Tgt Ion:149 Resp: 29929  
 Ion Ratio Lower Upper  
 149 100  
 150 13.5 7.2 10.8#  
 104 9.4 4.3 6.5#



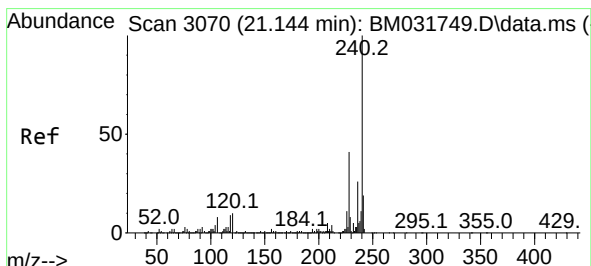
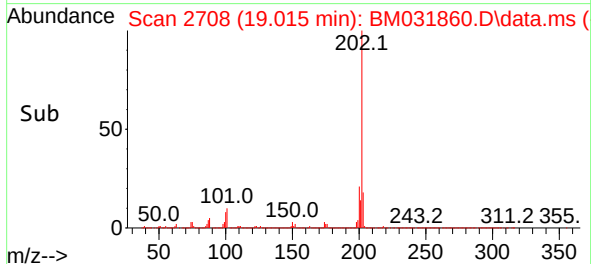
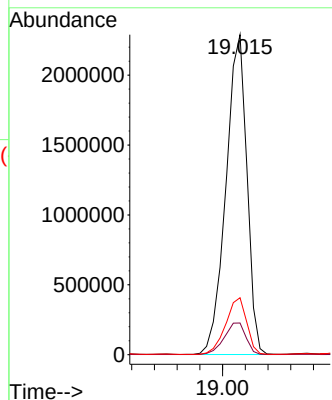
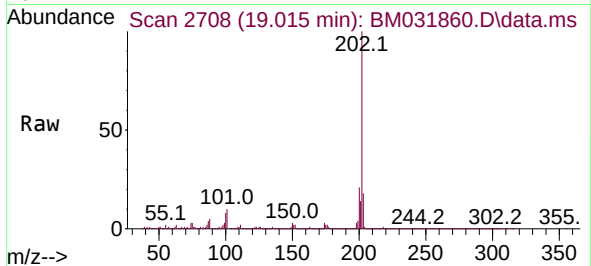




#75  
Fluoranthene  
Concen: 201.291 ng  
RT: 19.015 min Scan# 2708  
Delta R.T. 0.018 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

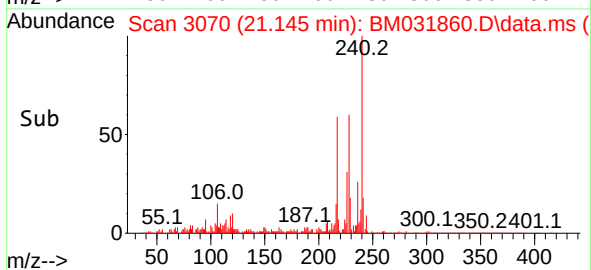
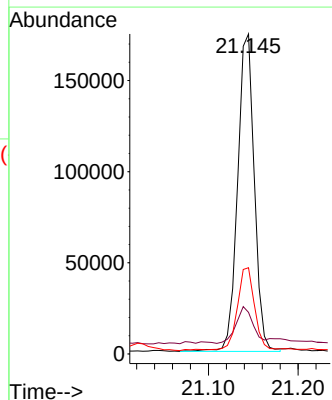
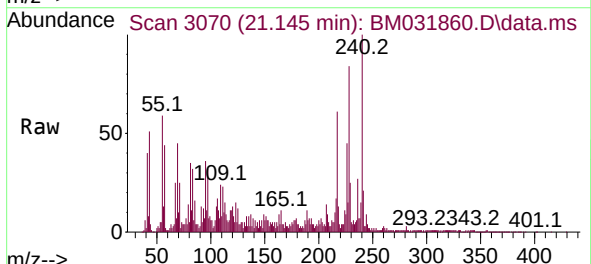
Instrument :  
BNA\_M  
ClientSampleId :  
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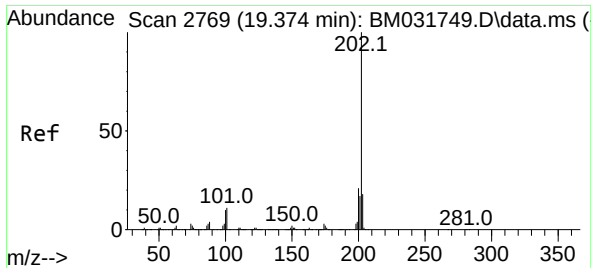
Tgt Ion:202 Resp: 2931461  
Ion Ratio Lower Upper  
202 100  
101 9.9 0.0 28.6  
203 17.8 0.0 37.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.145 min Scan# 3070  
Delta R.T. 0.012 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:240 Resp: 224873  
Ion Ratio Lower Upper  
240 100  
120 13.0 7.0 10.6#  
236 26.9 21.0 31.4

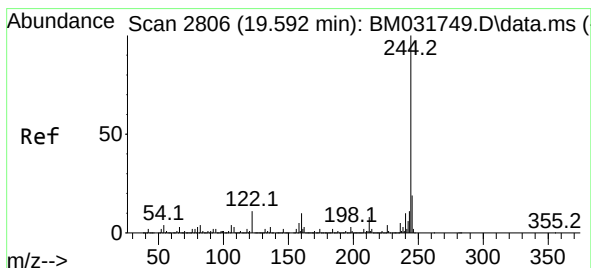
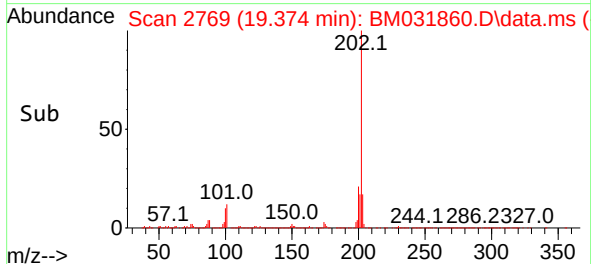
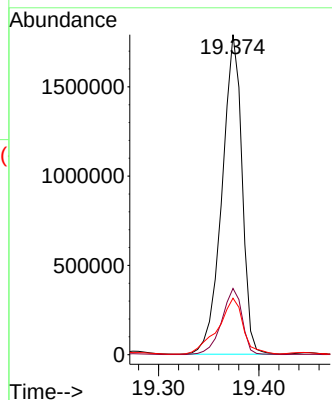
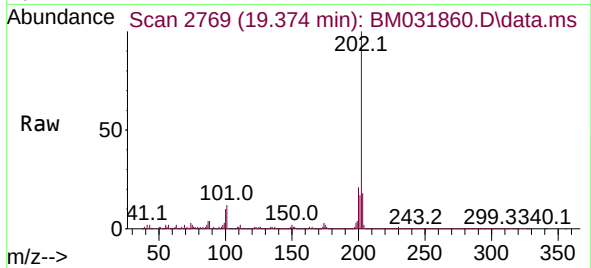




#78  
Pyrene  
Concen: 152.016 ng  
RT: 19.374 min Scan# 2769  
Delta R.T. 0.012 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

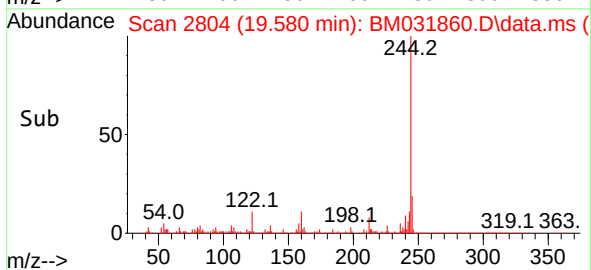
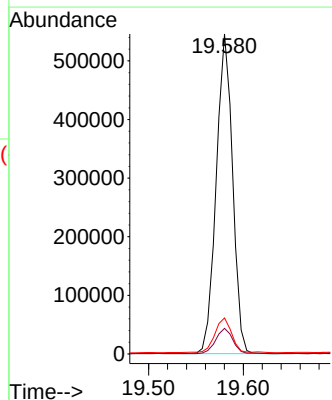
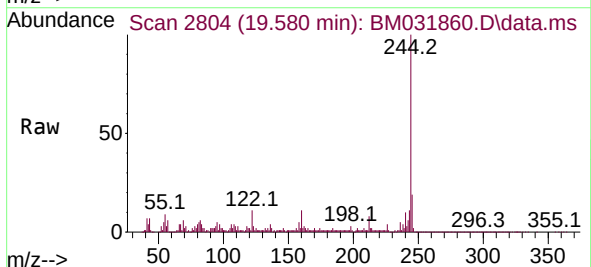
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

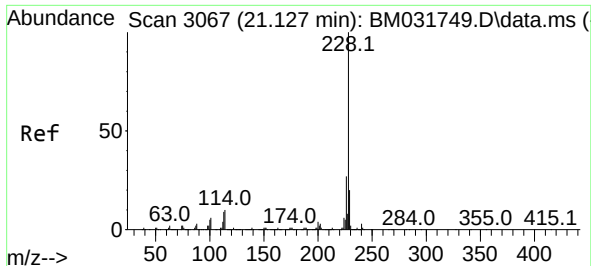
Tgt Ion:202 Resp: 2476439  
Ion Ratio Lower Upper  
202 100  
200 20.7 17.3 25.9  
203 17.7 13.9 20.9



#79  
Terphenyl-d14  
Concen: 49.117 ng  
RT: 19.580 min Scan# 2804  
Delta R.T. 0.000 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:244 Resp: 655548  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.3 9.5  
122 11.3 6.9 10.3#

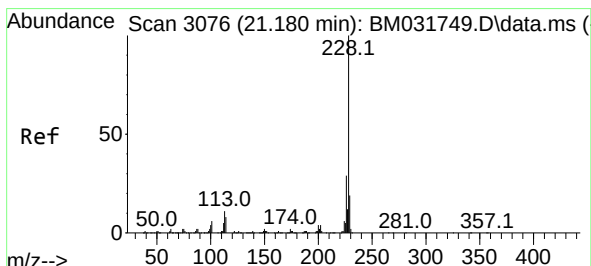
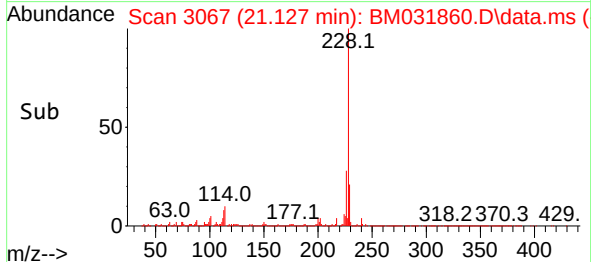
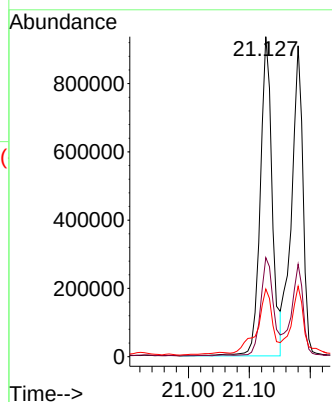
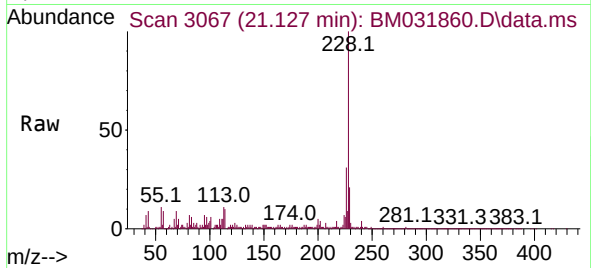




#81  
Benzo(a)anthracene  
Concen: 77.265 ng  
RT: 21.127 min Scan# 3067  
Delta R.T. 0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

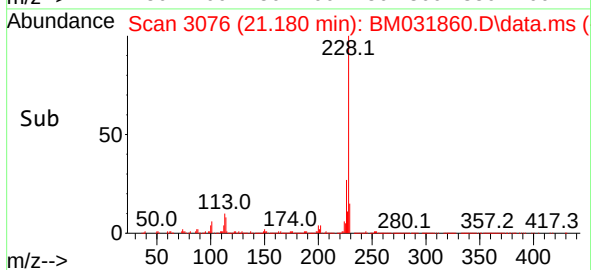
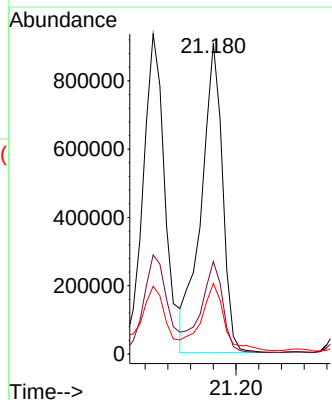
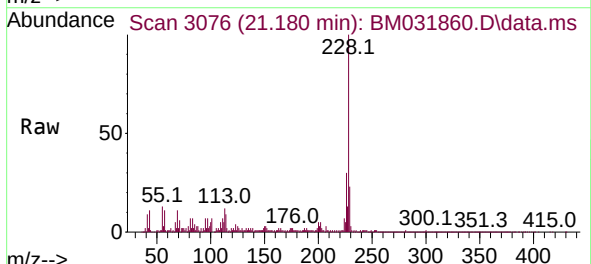
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

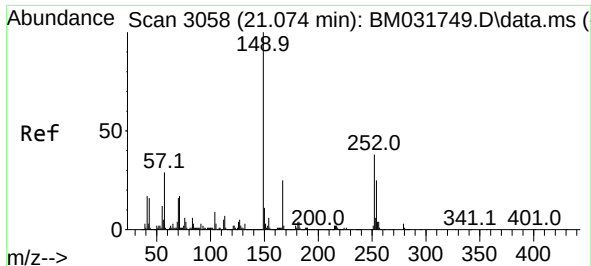
Tgt Ion:228 Resp: 1272668  
Ion Ratio Lower Upper  
228 100  
226 31.0 22.3 33.5  
229 21.2 15.7 23.5



#83  
Chrysene  
Concen: 73.681 ng  
RT: 21.180 min Scan# 3076  
Delta R.T. 0.006 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:228 Resp: 1182994  
Ion Ratio Lower Upper  
228 100  
226 29.8 24.6 36.8  
229 22.7 15.5 23.3

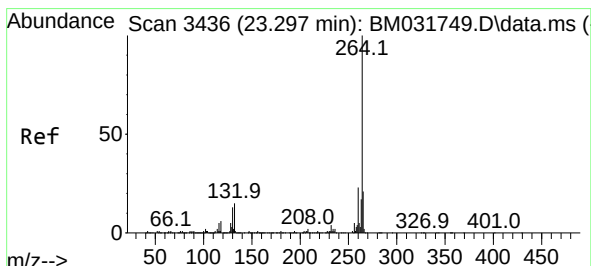
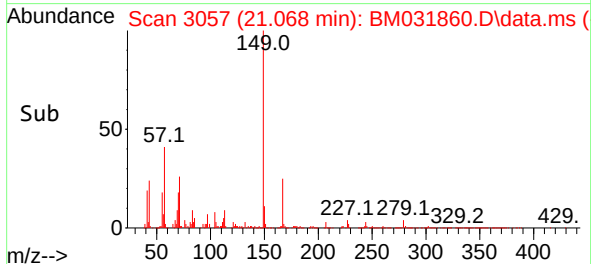
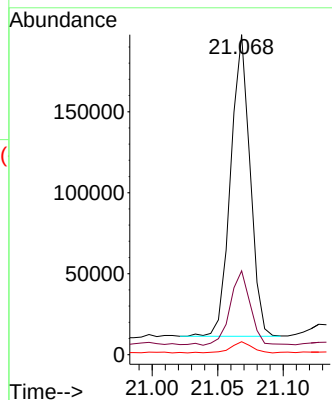
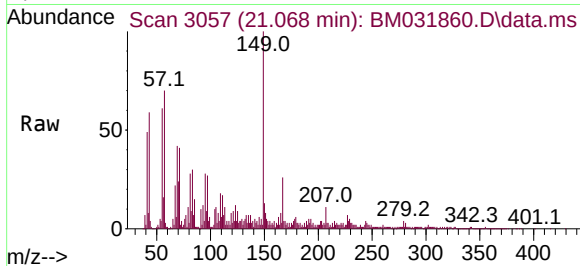




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 15.877 ng  
 RT: 21.068 min Scan# 3057  
 Delta R.T. 0.000 min  
 Lab File: BM031860.D  
 Acq: 21 Aug 2021 02:30

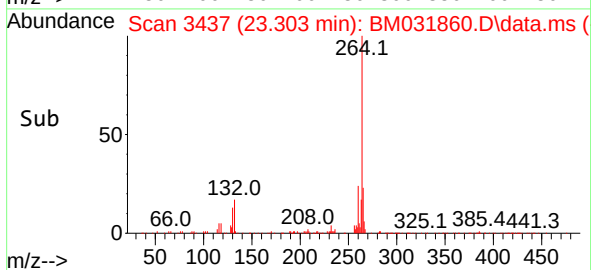
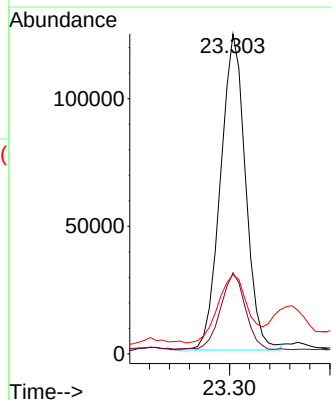
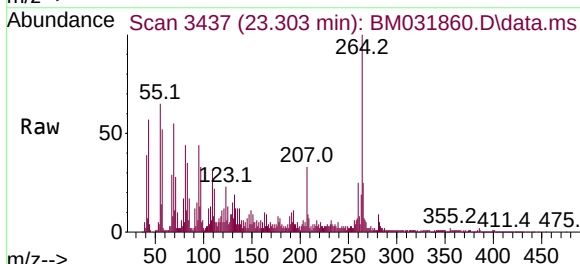
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SWCS-17-0003

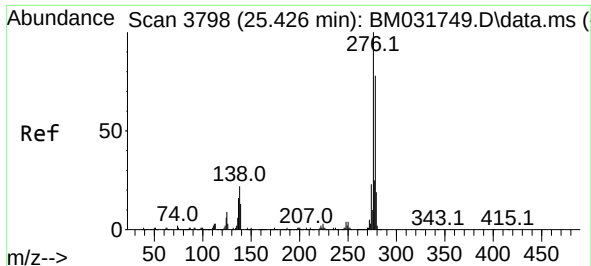
Tgt Ion:149 Resp: 191569  
 Ion Ratio Lower Upper  
 149 100  
 167 26.2 22.6 33.8  
 279 4.1 3.8 5.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.303 min Scan# 3437  
 Delta R.T. 0.024 min  
 Lab File: BM031860.D  
 Acq: 21 Aug 2021 02:30

Tgt Ion:264 Resp: 214387  
 Ion Ratio Lower Upper  
 264 100  
 260 25.4 19.8 29.8  
 265 24.8 17.7 26.5

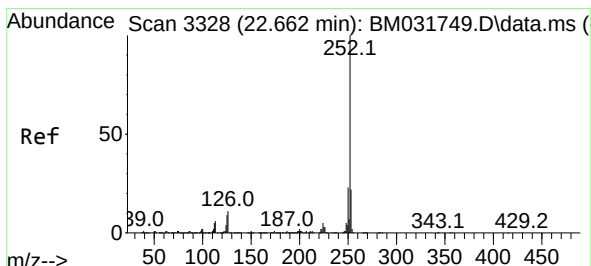
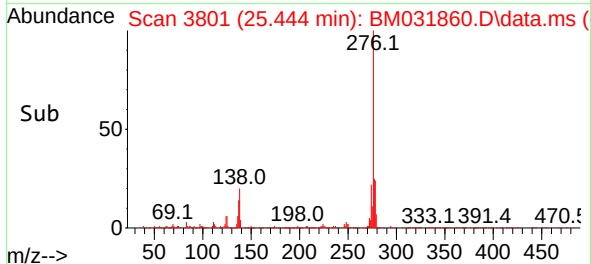
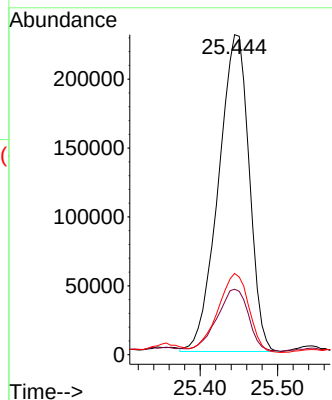
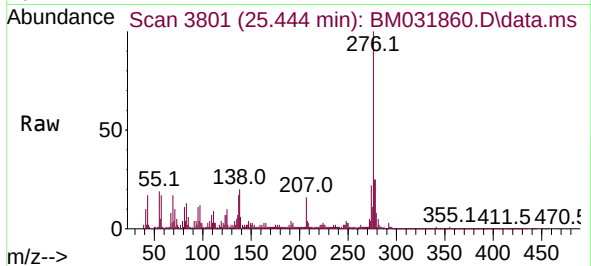




#87  
Indeno(1,2,3-cd)pyrene  
Concen: 42.024 ng  
RT: 25.444 min Scan# 3801  
Delta R.T. 0.035 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

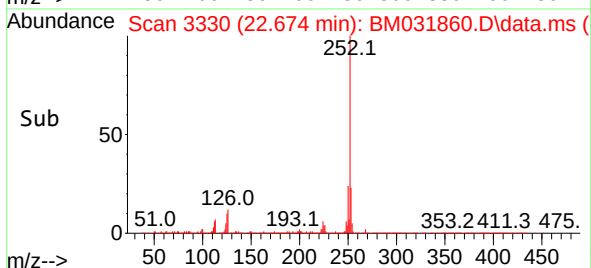
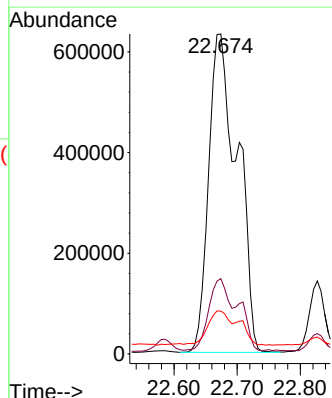
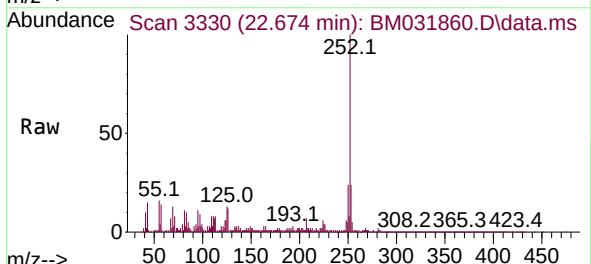
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BNA\_M  
ClientSampleId :  
SWCS-17-0003

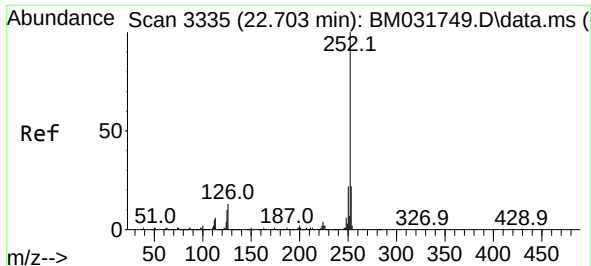
Tgt Ion:276 Resp: 634900  
Ion Ratio Lower Upper  
276 100  
138 20.1 17.1 25.7  
277 25.2 20.3 30.5



#88  
Benzo(b)fluoranthene  
Concen: 124.282 ng  
RT: 22.674 min Scan# 3330  
Delta R.T. 0.030 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:252 Resp: 2000522  
Ion Ratio Lower Upper  
252 100  
253 23.5 17.4 26.0  
125 13.4 6.8 10.2#

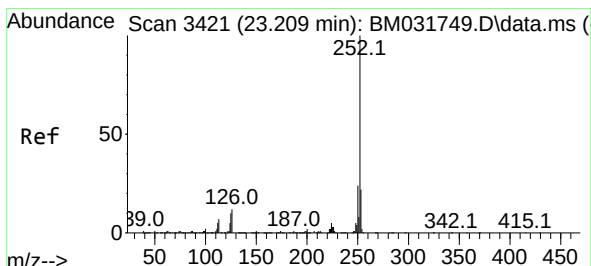
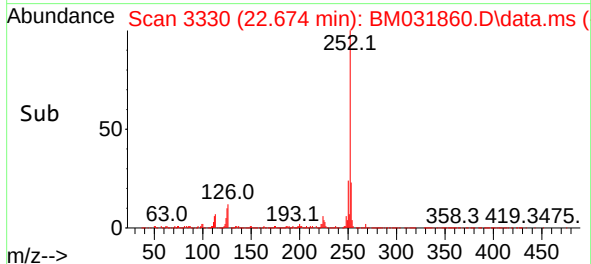
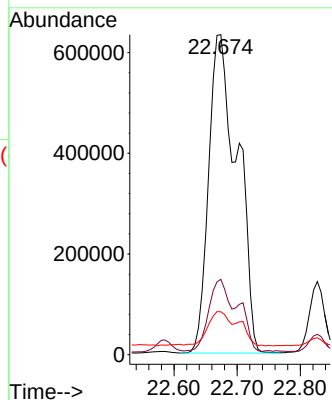
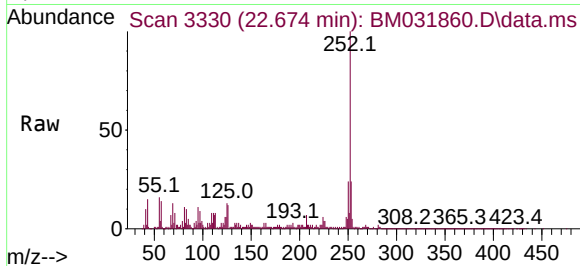




#89  
Benzo(k)fluoranthene  
Concen: 128.764 ng  
RT: 22.674 min Scan# 3330  
Delta R.T. -0.018 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

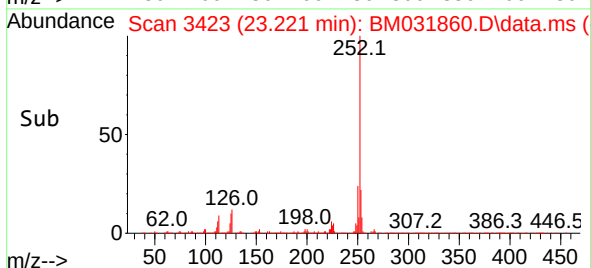
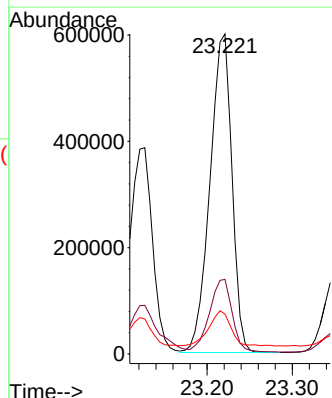
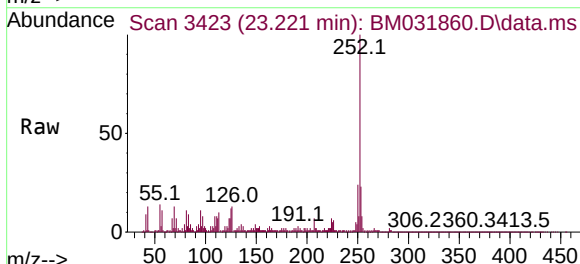
Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

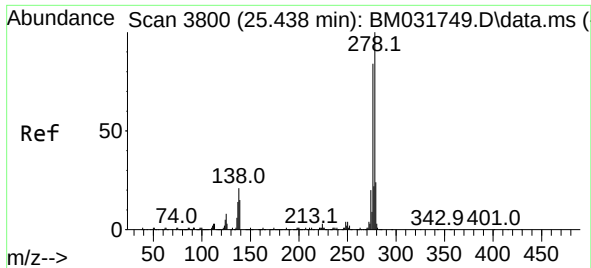
Tgt Ion:252 Resp: 2000522  
Ion Ratio Lower Upper  
252 100  
253 23.5 17.4 26.2  
125 13.4 6.2 9.2#



#90  
Benzo(a)pyrene  
Concen: 75.166 ng  
RT: 23.221 min Scan# 3423  
Delta R.T. 0.030 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:252 Resp: 1071242  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.7 26.5  
125 12.5 7.3 10.9#

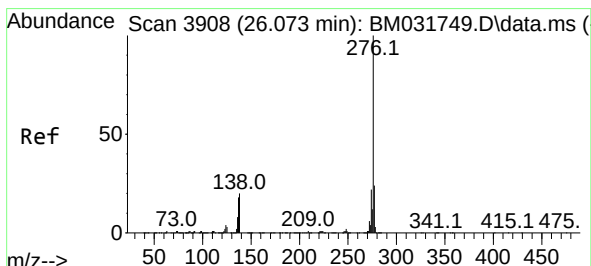
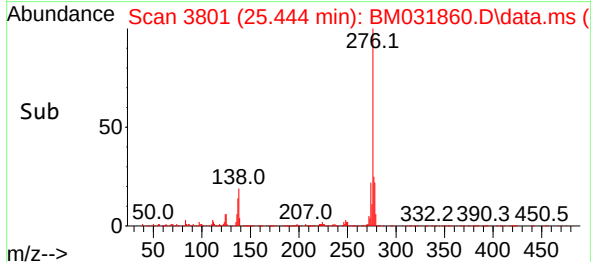
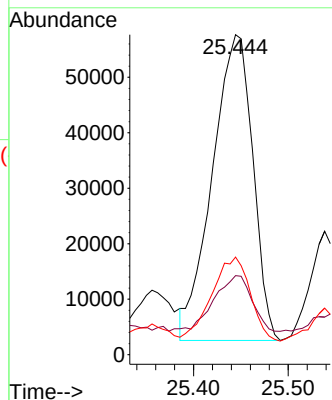
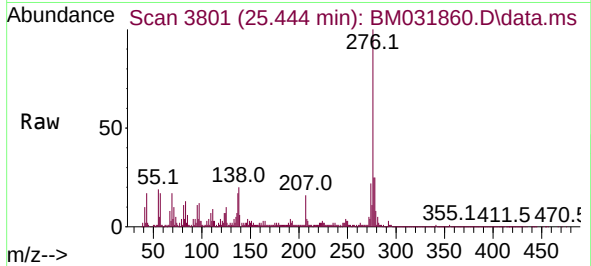




#91  
Dibenzo(a,h)anthracene  
Concen: 12.332 ng  
RT: 25.444 min Scan# 3801  
Delta R.T. 0.024 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Instrument :  
BNA\_M  
ClientSampleId :  
SWCS-17-0003

Tgt Ion:278 Resp: 163857  
Ion Ratio Lower Upper  
278 100  
139 24.7 11.0 16.4#  
279 30.5 18.7 28.1#



#92  
Benzo(g,h,i)perylene  
Concen: 50.908 ng  
RT: 26.103 min Scan# 3913  
Delta R.T. 0.053 min  
Lab File: BM031860.D  
Acq: 21 Aug 2021 02:30

Tgt Ion:276 Resp: 615962  
Ion Ratio Lower Upper  
276 100  
277 24.9 19.4 29.2  
138 21.1 14.4 21.6

