

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
 Data File : BM036909.D  
 Acq On : 10 Oct 2022 16:01  
 Operator : CG/JU  
 Sample : N4824-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 CB8P3

Quant Time: Oct 11 02:17:32 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 10 00:54:15 2022  
 Response via : Initial Calibration

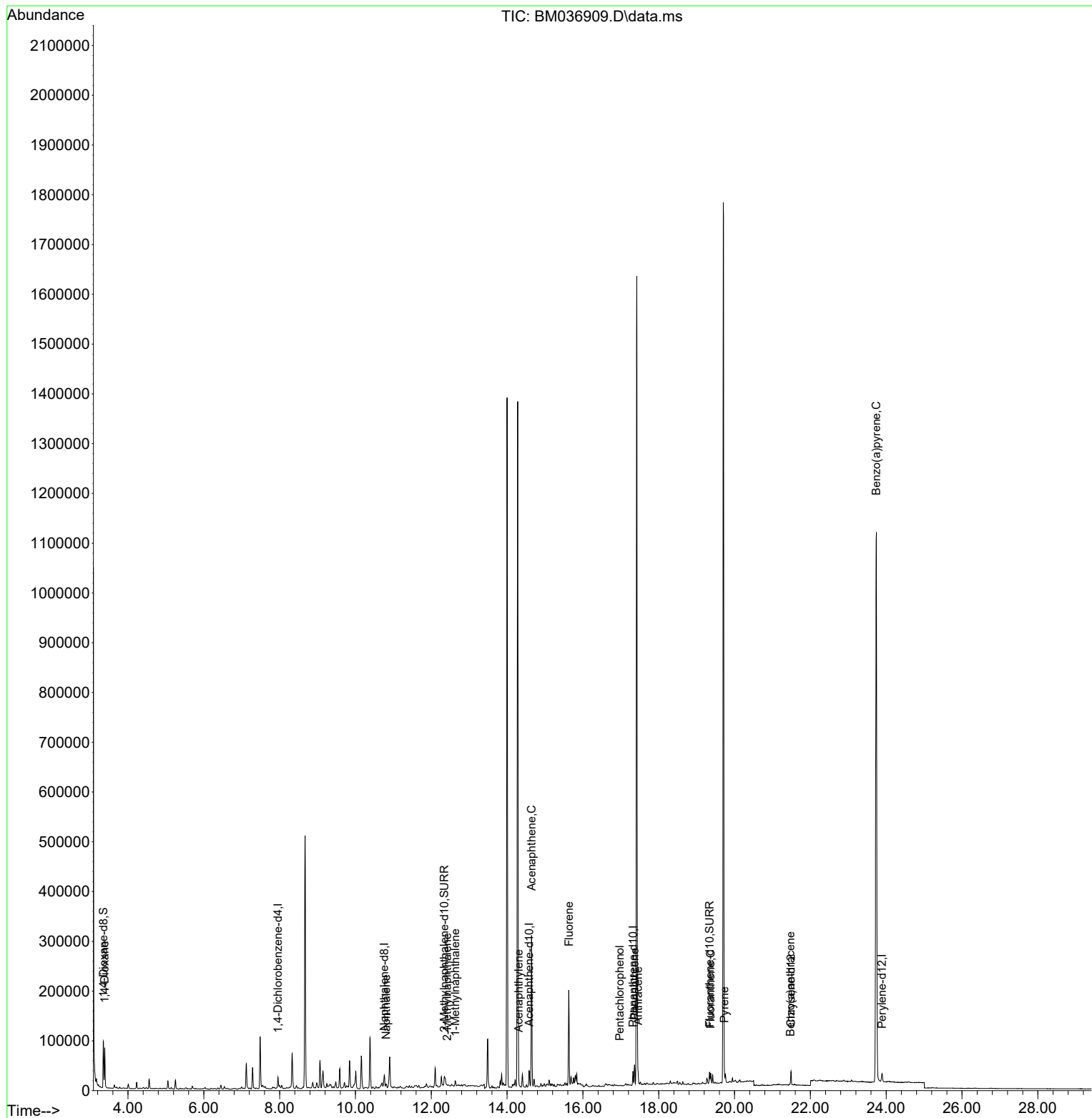
| Compound                    | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| -----                       |        |      |          |       |         |          |
| Internal Standards          |        |      |          |       |         |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.955  | 152  | 9988     | 0.400 | ng/ul   | 0.00     |
| 4) Naphthalene-d8           | 10.759 | 136  | 33864    | 0.400 | ng/ul # | 0.00     |
| 9) Acenaphthene-d10         | 14.580 | 164  | 19741    | 0.400 | ng/ul   | 0.00     |
| 13) Phenanthrene-d10        | 17.322 | 188  | 31396    | 0.400 | ng/ul # | 0.00     |
| 17) Chrysene-d12            | 21.488 | 240  | 22580    | 0.400 | ng/ul # | 0.00     |
| 23) Perylene-d12            | 23.888 | 264  | 23842    | 0.400 | ng/ul # | 0.00     |
| System Monitoring Compounds |        |      |          |       |         |          |
| 3) 1,4-Dioxane-d8           | 3.352  | 96   | 55814    | 3.962 | ng/ul   | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.343 | 152  | 15059    | 0.294 | ng/ul   | 0.00     |
| 18) Fluoranthene-d10        | 19.340 | 212  | 23499    | 0.348 | ng/ul   | 0.00     |
| Target Compounds            |        |      |          |       |         |          |
|                             |        |      |          |       | Qvalue  |          |
| 2) 1,4-Dioxane              | 3.386  | 88   | 48429    | 3.517 | ng/ul#  | 77       |
| 5) Naphthalene              | 10.809 | 128  | 6132     | 0.063 | ng/ul#  | 47       |
| 7) 2-Methylnaphthalene      | 12.420 | 142  | 2313     | 0.039 | ng/ul#  | 1        |
| 8) 1-Methylnaphthalene      | 12.635 | 142  | 3940     | 0.066 | ng/ul   | 94       |
| 10) Acenaphthylene          | 14.307 | 152  | 4943     | 0.060 | ng/ul#  | 8        |
| 11) Acenaphthene            | 14.644 | 153  | 165486   | 2.324 | ng/ul   | 98       |
| 12) Fluorene                | 15.630 | 166  | 117052   | 1.451 | ng/ul   | 98       |
| 14) Pentachlorophenol       | 16.971 | 266  | 175      | 0.023 | ng/ul   | 89       |
| 15) Phenanthrene            | 17.360 | 178  | 42270    | 0.422 | ng/ul#  | 93       |
| 16) Anthracene              | 17.453 | 178  | 24623    | 0.294 | ng/ul#  | 87       |
| 19) Fluoranthene            | 19.368 | 202  | 16077    | 0.179 | ng/ul#  | 68       |
| 20) Pyrene                  | 19.731 | 202  | 8399     | 0.090 | ng/ul#  | 68       |
| 21) Benzo(a)anthracene      | 21.474 | 228  | 2503     | 0.031 | ng/ul#  | 26       |
| 26) Benzo(a)pyrene          | 23.736 | 252  | 5912     | 0.068 | ng/ul#  | 1        |
| -----                       |        |      |          |       |         |          |

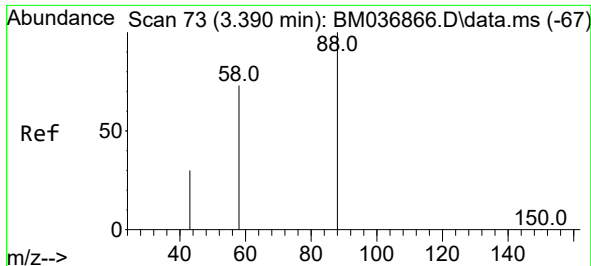
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM101022\  
Data File : BM036909.D  
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Sample : N4824-05  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
CB8P3

Quant Time: Oct 11 02:17:32 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM100622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 10 00:54:15 2022  
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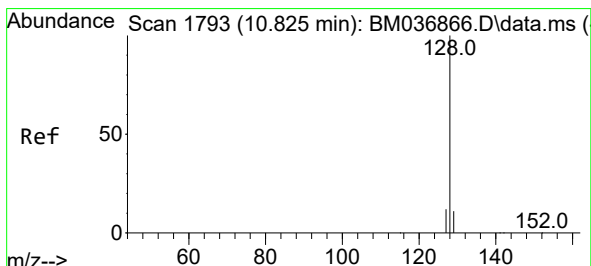
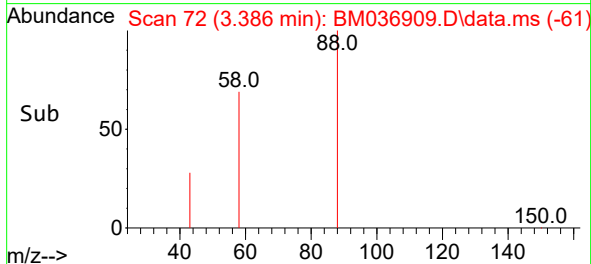
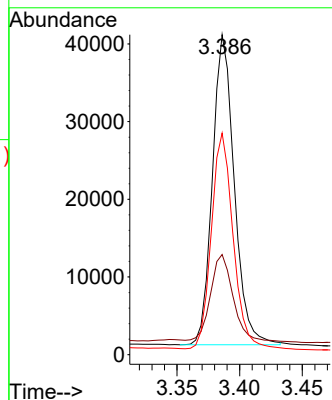
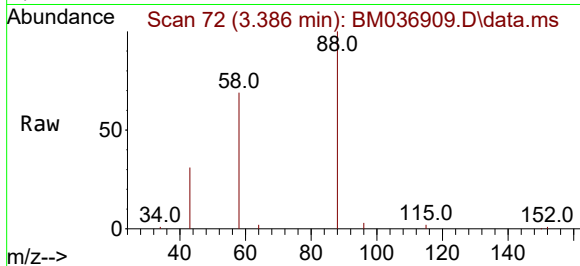




#2  
1,4-Dioxane  
Concen: 3.517 ng/ul  
RT: 3.386 min Scan# 71  
Delta R.T. -0.004 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

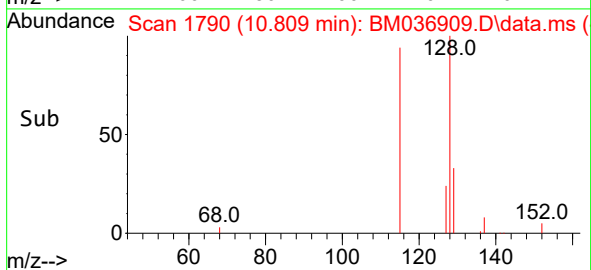
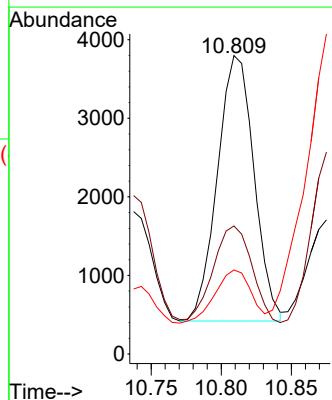
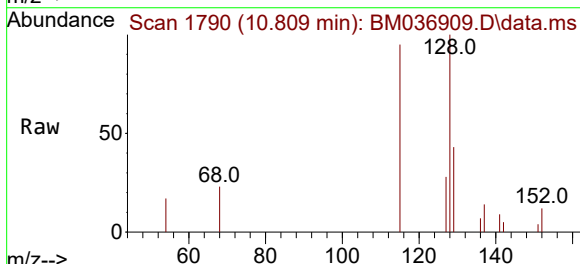
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P3

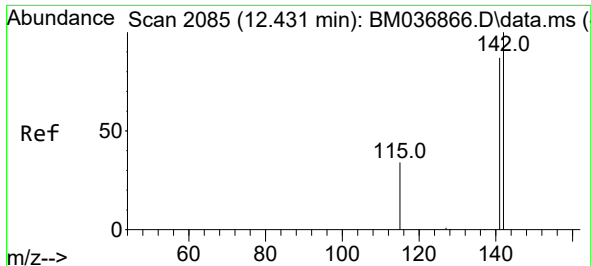
Tgt Ion: 88 Resp: 48429  
Ion Ratio Lower Upper  
88 100  
43 31.3 37.8 56.6#  
58 69.3 42.6 63.8#



#5  
Naphthalene  
Concen: 0.063 ng/ul  
RT: 10.809 min Scan# 1790  
Delta R.T. -0.005 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

Tgt Ion: 128 Resp: 6132  
Ion Ratio Lower Upper  
128 100  
129 42.9 10.2 15.2#  
127 28.2 11.7 17.5#

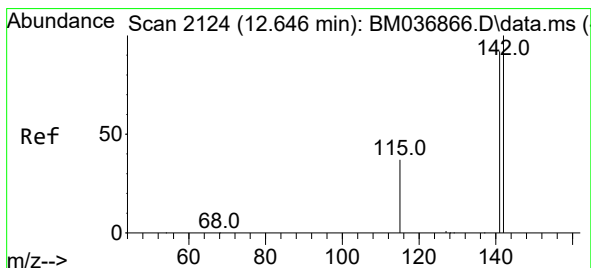
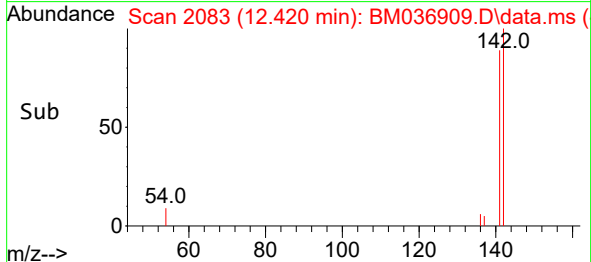
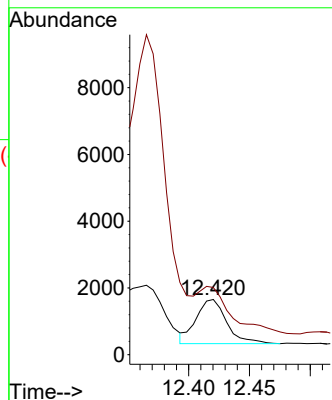
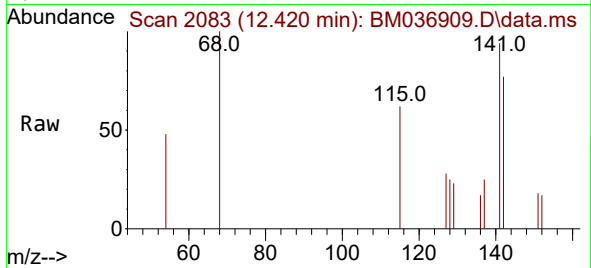




#7  
2-Methylnaphthalene  
Concen: 0.039 ng/ul  
RT: 12.420 min Scan# 2085  
Delta R.T. 0.000 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

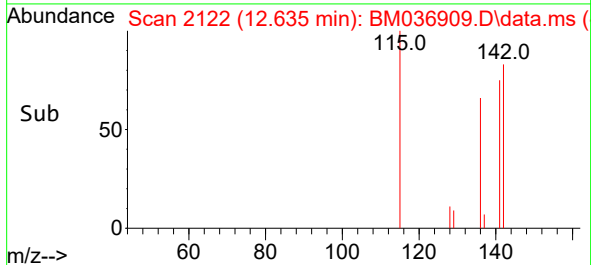
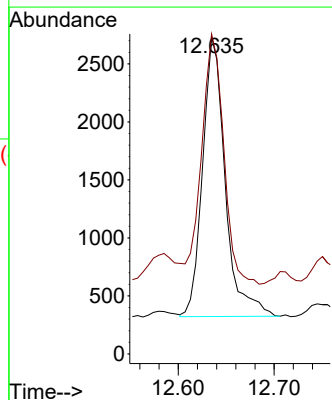
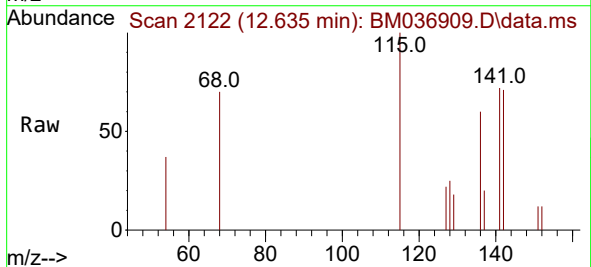
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P3

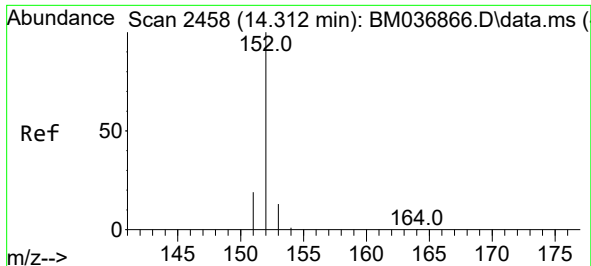
Tgt Ion:142 Resp: 2313  
Ion Ratio Lower Upper  
142 100  
141 0.0 77.4 116.0#



#8  
1-Methylnaphthalene  
Concen: 0.066 ng/ul  
RT: 12.635 min Scan# 2122  
Delta R.T. -0.005 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

Tgt Ion:142 Resp: 3940  
Ion Ratio Lower Upper  
142 100  
141 86.9 74.1 111.1

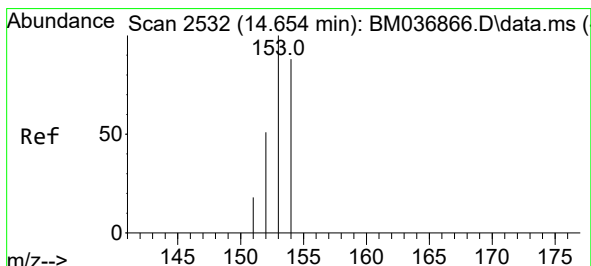
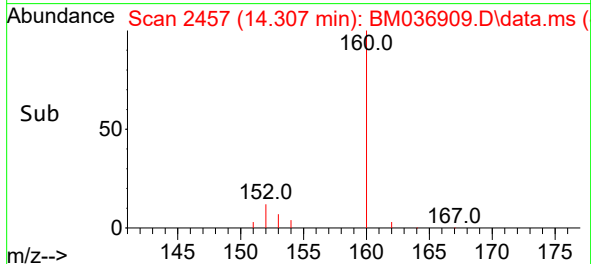
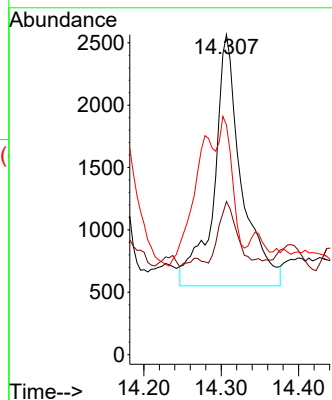
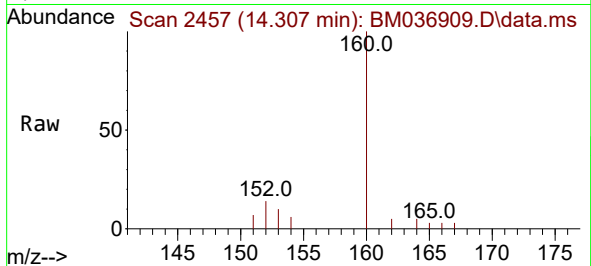




#10  
Acenaphthylene  
Concen: 0.060 ng/ul  
RT: 14.307 min Scan# 2457  
Delta R.T. -0.001 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

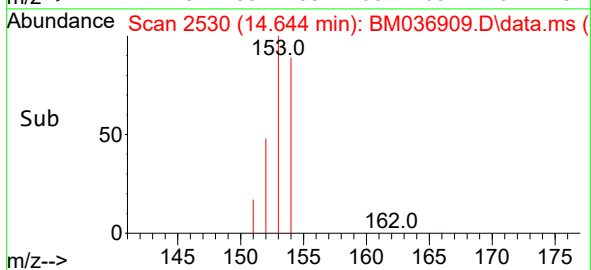
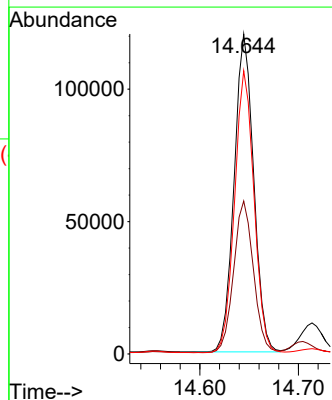
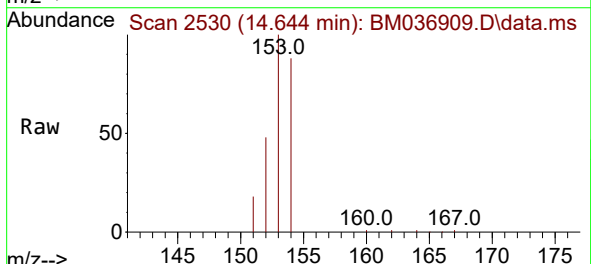
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P3

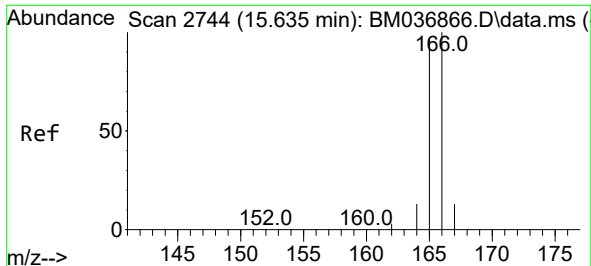
Tgt Ion:152 Resp: 4943  
Ion Ratio Lower Upper  
152 100  
151 47.9 16.6 24.8#  
153 71.8 11.4 17.0#



#11  
Acenaphthene  
Concen: 2.324 ng/ul  
RT: 14.644 min Scan# 2530  
Delta R.T. -0.001 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

Tgt Ion:153 Resp: 165486  
Ion Ratio Lower Upper  
153 100  
152 47.8 40.2 60.4  
154 88.5 69.7 104.5

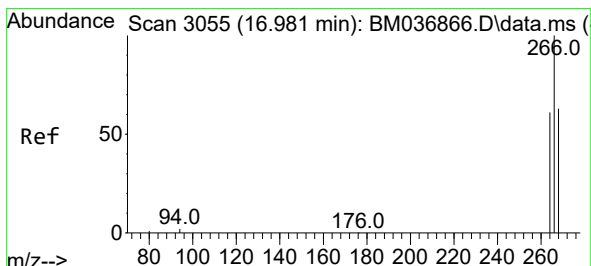
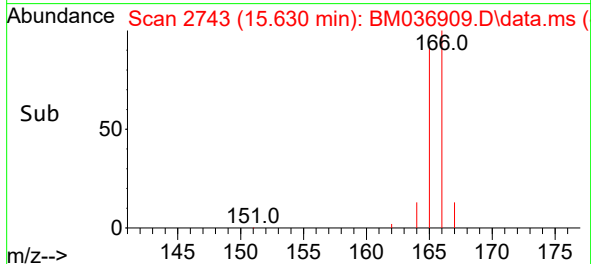
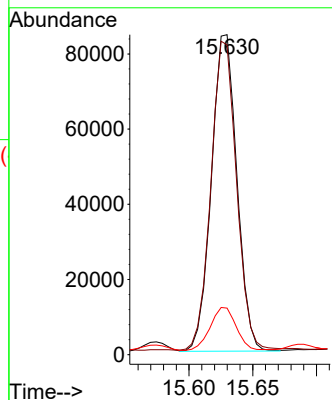
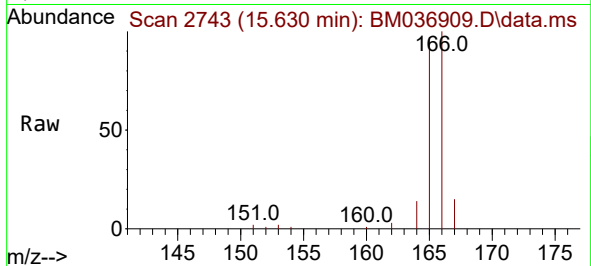




#12  
Fluorene  
Concen: 1.451 ng/ul  
RT: 15.630 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

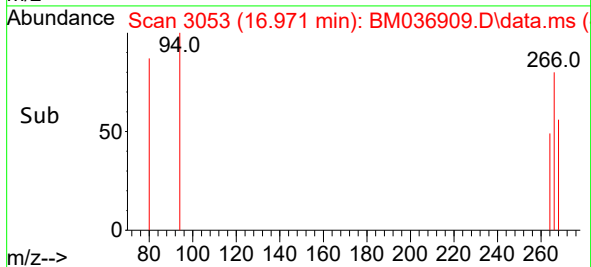
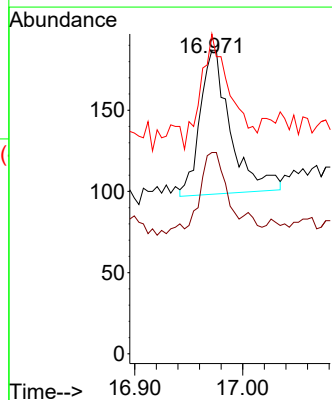
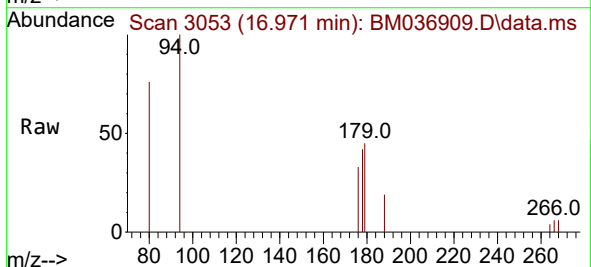
Instrument :  
BNA\_M  
ClientSampleId :  
CB8P3

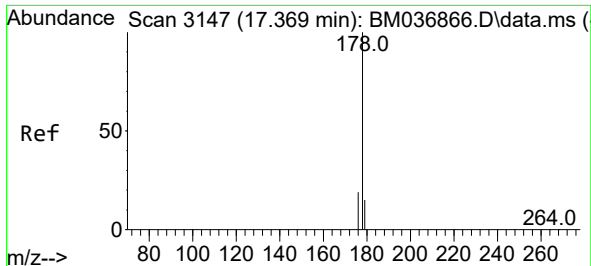
Tgt Ion:166 Resp: 117052  
Ion Ratio Lower Upper  
166 100  
165 96.8 78.9 118.3  
167 14.6 11.3 16.9



#14  
Pentachlorophenol  
Concen: 0.023 ng/ul  
RT: 16.971 min Scan# 3053  
Delta R.T. -0.005 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

Tgt Ion:266 Resp: 175  
Ion Ratio Lower Upper  
266 100  
264 56.0 50.3 75.5  
268 77.1 53.5 80.3

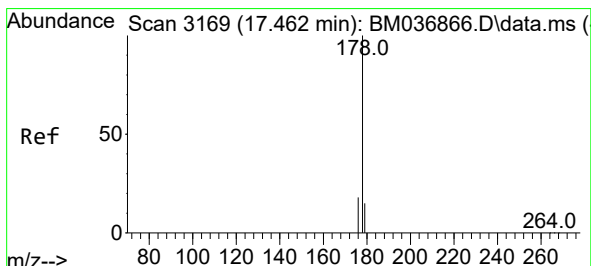
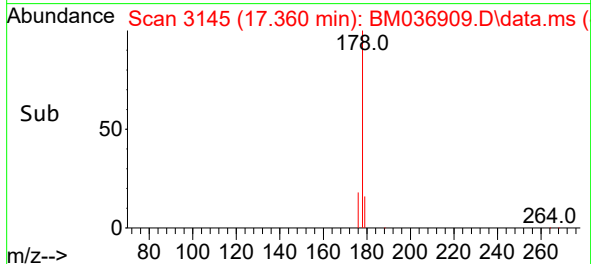
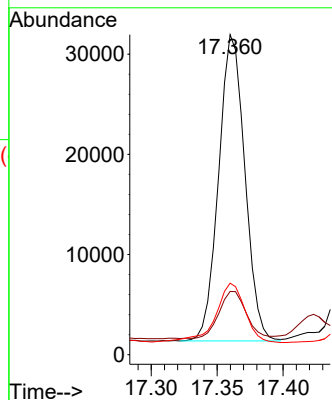
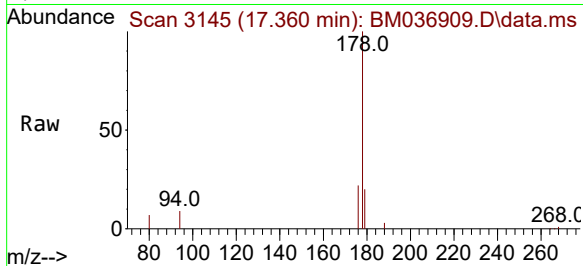




#15  
Phenanthrene  
Concen: 0.422 ng/ul  
RT: 17.360 min Scan# 3147  
Delta R.T. -0.005 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

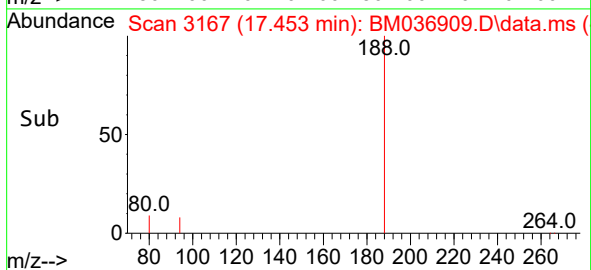
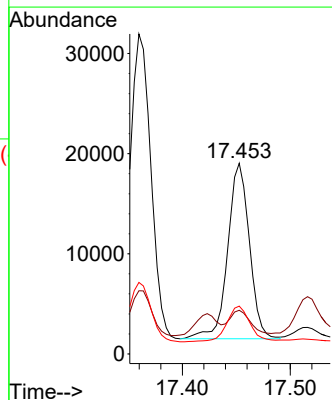
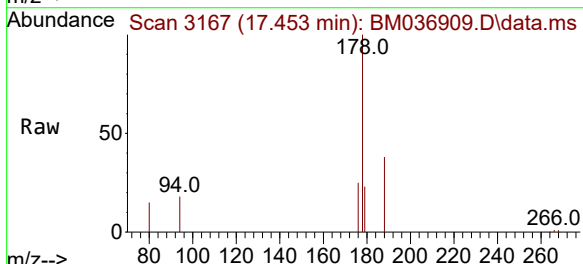
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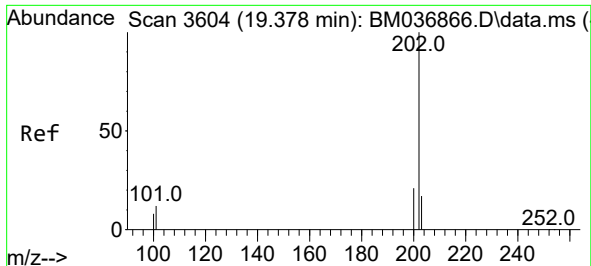
Tgt Ion:178 Resp: 42270  
Ion Ratio Lower Upper  
178 100  
179 19.8 13.0 19.6#  
176 22.4 15.6 23.4



#16  
Anthracene  
Concen: 0.294 ng/ul  
RT: 17.453 min Scan# 3167  
Delta R.T. -0.001 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

Tgt Ion:178 Resp: 24623  
Ion Ratio Lower Upper  
178 100  
179 22.9 13.6 20.4#  
176 25.1 15.6 23.4#

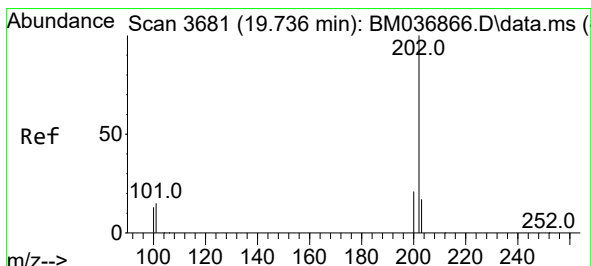
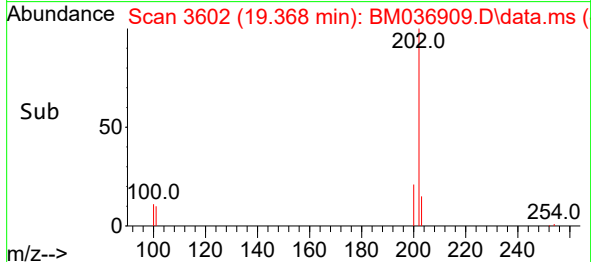
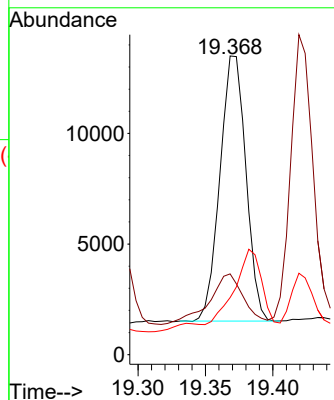
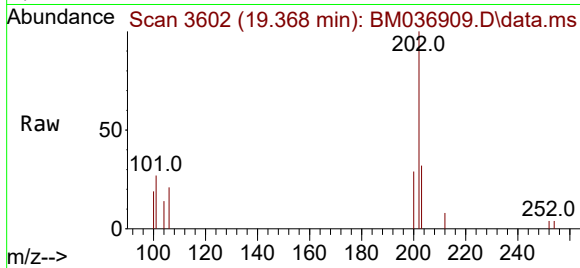




#19  
Fluoranthene  
Concen: 0.179 ng/ul  
RT: 19.368 min Scan# 3602  
Delta R.T. -0.006 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

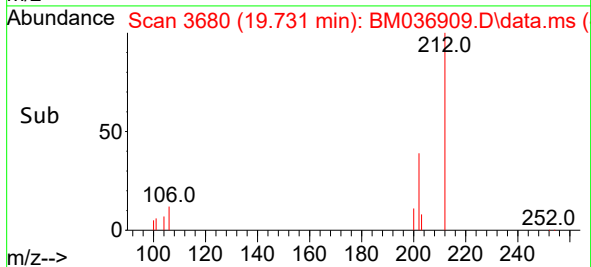
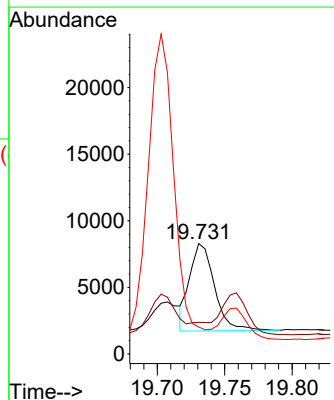
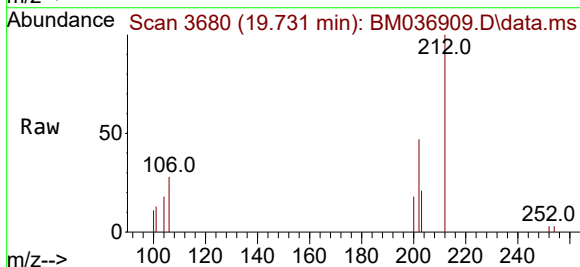
Instrument :  
BNA\_M  
ClientSampleId :  
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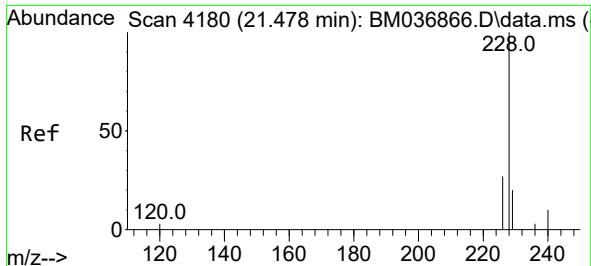
Tgt Ion:202 Resp: 16077  
Ion Ratio Lower Upper  
202 100  
101 27.1 10.1 15.1#  
100 19.1 7.9 11.9#



#20  
Pyrene  
Concen: 0.090 ng/ul  
RT: 19.731 min Scan# 3680  
Delta R.T. -0.001 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

Tgt Ion:202 Resp: 8399  
Ion Ratio Lower Upper  
202 100  
101 28.6 12.0 18.0#  
100 24.3 9.8 14.6#

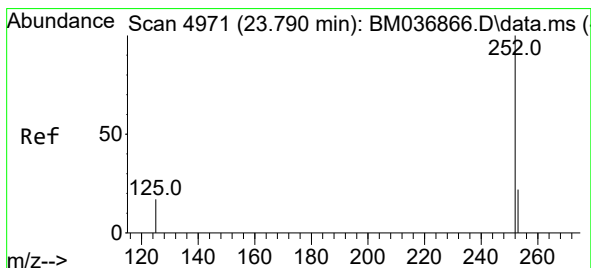
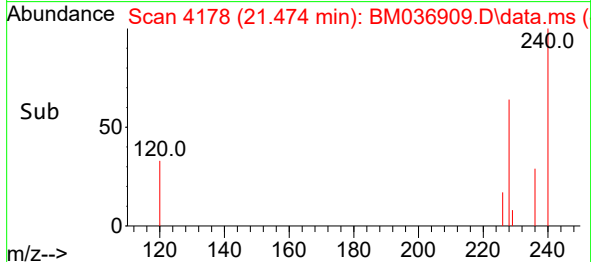
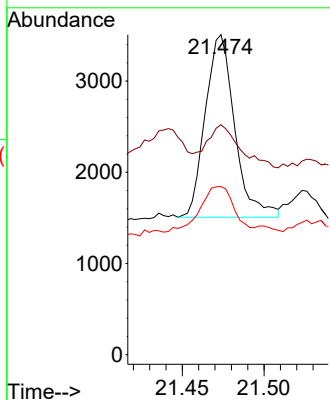
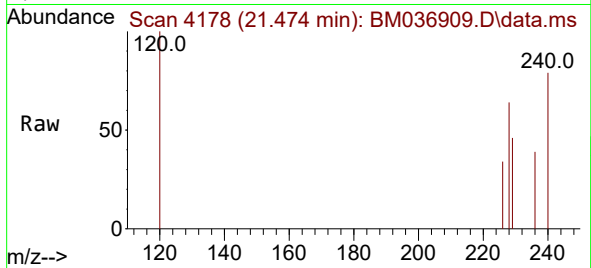




#21  
Benzo(a)anthracene  
Concen: 0.031 ng/ul  
RT: 21.474 min Scan# 4180  
Delta R.T. 0.001 min  
Lab File: BM036909.D  
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Instrument :  
BNA\_M  
ClientSampleId :  
CB8P3

Tgt Ion:228 Resp: 2503  
Ion Ratio Lower Upper  
228 100  
229 71.9 16.2 24.2#  
226 52.6 22.5 33.7#



#26  
Benzo(a)pyrene  
Concen: 0.068 ng/ul  
RT: 23.736 min Scan# 4952  
Delta R.T. -0.046 min  
Lab File: BM036909.D  
Acq: 10 Oct 2022 16:01

Tgt Ion:252 Resp: 5912  
Ion Ratio Lower Upper  
252 100  
253 69.7 29.7 44.5#  
125 149.0 23.6 35.4#

