

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111023\  
 Data File : BM042700.D  
 Acq On : 10 Nov 2023 20:22  
 Operator : MA/JU  
 Sample : 05253-04 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 10 23:05:36 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 09 13:21:00 2023  
 Response via : Initial Calibration

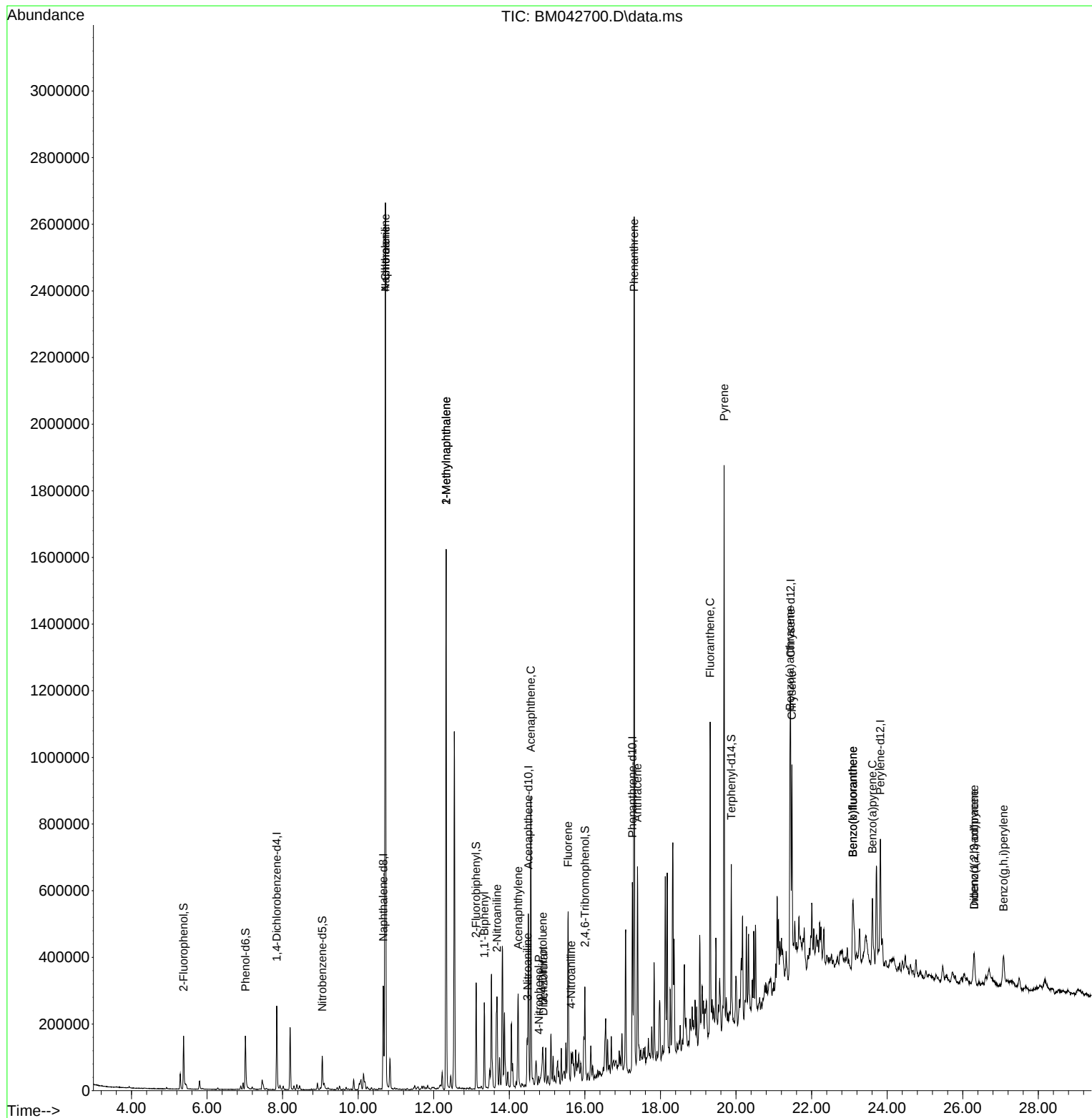
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.845  | 152  | 58179    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 235494   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.504 | 164  | 158349   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.257 | 188  | 322732   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.444 | 240  | 254191   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 23.821 | 264  | 271674   | 20.000  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.381  | 112  | 62506    | 17.339  | ng    | 0.00     |
| 7) Phenol-d6                | 7.016  | 99   | 84537    | 17.099  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.051  | 82   | 62721    | 12.416  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.004 | 330  | 40576    | 19.627  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.121 | 172  | 149858   | 12.734  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 208467   | 13.906  | ng    | 0.00     |
|                             |        |      |          |         |       |          |
| Target Compounds            |        |      |          |         |       | Qvalue   |
| 31) Naphthalene             | 10.722 | 128  | 1790629  | 147.172 | ng    | 100      |
| 33) 4-Chloroaniline         | 10.722 | 127  | 237709   | 50.106  | ng    | # 32     |
| 37) 2-Methylnaphthalene     | 12.327 | 142  | 638841   | 74.555  | ng    | 96       |
| 38) 1-Methylnaphthalene     | 12.327 | 142  | 638841   | 79.208  | ng    | 96       |
| 46) 1,1'-Biphenyl           | 13.339 | 154  | 122473   | 10.118  | ng    | 98       |
| 48) 2-Nitroaniline          | 13.674 | 65   | 4142     | 5.402   | ng    | # 26     |
| 49) Acenaphthylene          | 14.233 | 152  | 160963   | 10.945  | ng    | 98       |
| 52) Acenaphthene            | 14.568 | 154  | 260299   | 29.164  | ng    | 99       |
| 53) 3-Nitroaniline          | 14.480 | 138  | 70       | 4.375   | ng    | # 84     |
| 55) Dibenzofuran            | 14.904 | 168  | 32494    | 2.239   | ng    | # 93     |
| 56) 4-Nitrophenol           | 14.786 | 139  | 703      | 7.243   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene      | 14.886 | 165  | 2284     | 4.538   | ng    | # 49     |
| 58) Fluorene                | 15.557 | 166  | 223539   | 19.038  | ng    | 99       |
| 62) 4-Nitroaniline          | 15.639 | 138  | 182      | 5.805   | ng    | # 12     |
| 71) Phenanthrene            | 17.304 | 178  | 1359547  | 80.610  | ng    | 100      |
| 72) Anthracene              | 17.392 | 178  | 334505   | 20.024  | ng    | 98       |
| 75) Fluoranthene            | 19.315 | 202  | 508681   | 25.676  | ng    | 97       |
| 78) Pyrene                  | 19.686 | 202  | 920570   | 52.741  | ng    | 99       |
| 81) Benzo(a)anthracene      | 21.427 | 228  | 299194   | 18.500  | ng    | 95       |
| 83) Chrysene                | 21.480 | 228  | 277093   | 16.867  | ng    | 96       |
| 87) Indeno(1,2,3-cd)pyrene  | 26.303 | 276  | 104803   | 6.482   | ng    | # 89     |
| 88) Benzo(b)fluoranthene    | 23.091 | 252  | 286103   | 18.903  | ng    | 99       |
| 89) Benzo(k)fluoranthene    | 23.091 | 252  | 286103   | 16.964  | ng    | 99       |
| 90) Benzo(a)pyrene          | 23.609 | 252  | 142591   | 9.569   | ng    | 98       |
| 91) Dibenzo(a,h)anthracene  | 26.303 | 278  | 32356    | 6.119   | ng    | # 82     |
| 92) Benzo(g,h,i)perylene    | 27.079 | 276  | 120877   | 8.482   | ng    | # 93     |
| -----                       |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM111023\  
Data File : BM042700.D  
Acq On : 10 Nov 2023 20:22  
Operator : MA/JU  
Sample : 05253-04 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

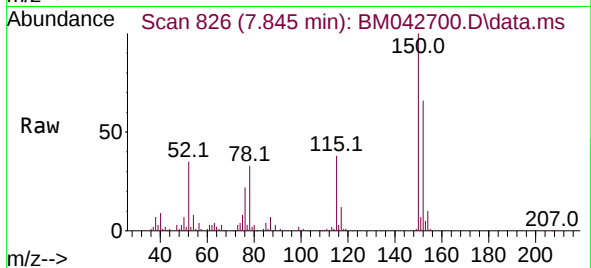
Quant Time: Nov 10 23:05:36 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM103023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 09 13:21:00 2023  
Response via : Initial Calibration



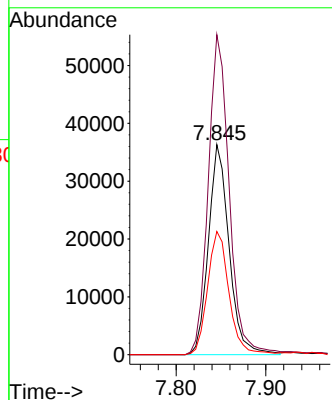
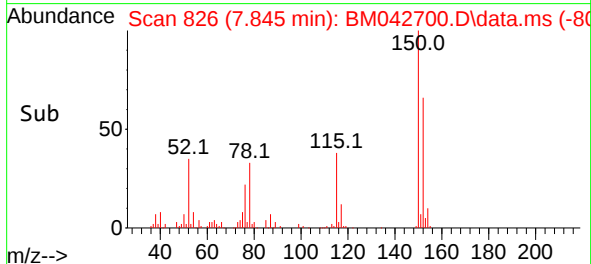


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.845 min Scan# 806  
Delta R.T. 0.000 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

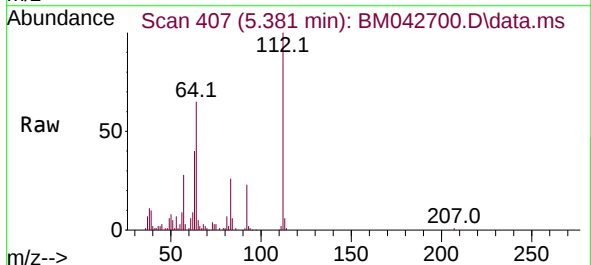
Instrument :  
BNA\_M  
ClientSampleId :



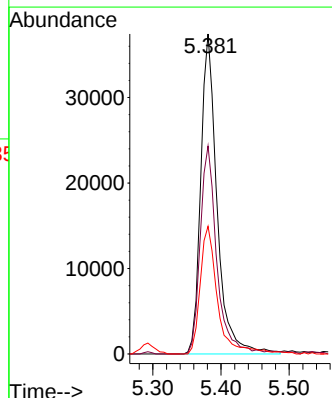
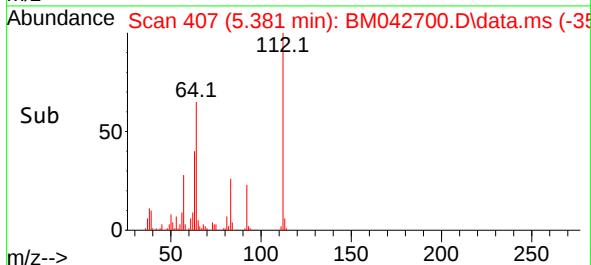
Tgt Ion:152 Resp: 58179  
Ion Ratio Lower Upper  
152 100  
150 152.3 127.4 191.0  
115 58.6 47.9 71.9

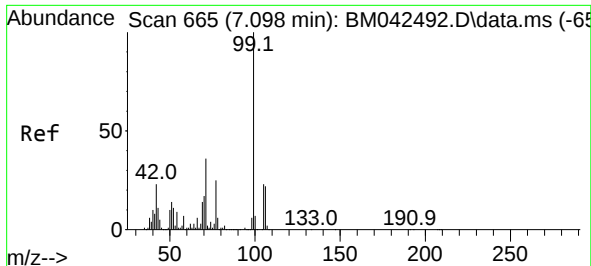


#5  
2-Fluorophenol  
Concen: 17.339 ng  
RT: 5.381 min Scan# 407  
Delta R.T. 0.006 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22



Tgt Ion:112 Resp: 62506  
Ion Ratio Lower Upper  
112 100  
64 65.0 52.1 78.1  
63 39.9 28.3 42.5

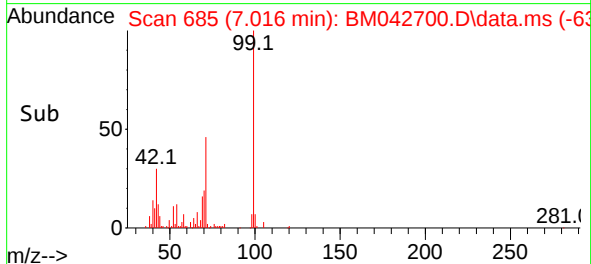
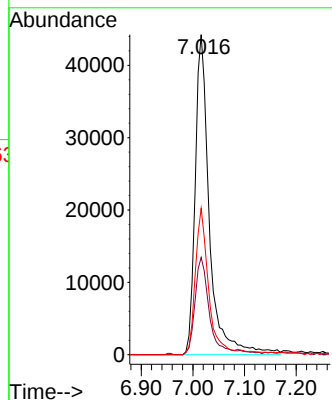
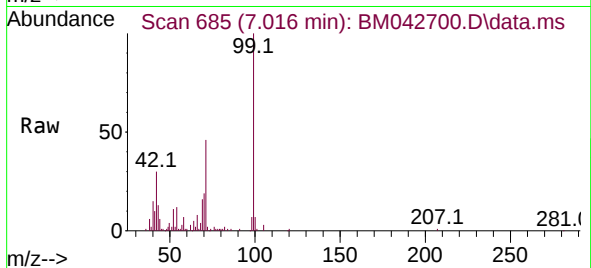




#7  
Phenol-d6  
Concen: 17.099 ng  
RT: 7.016 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

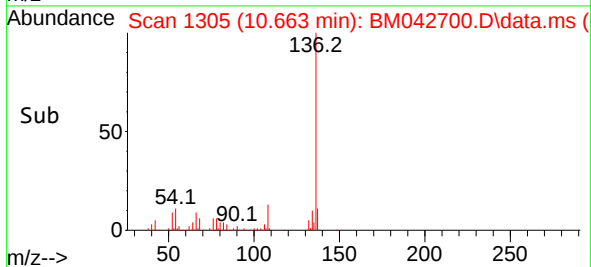
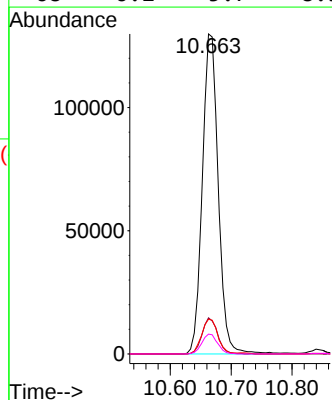
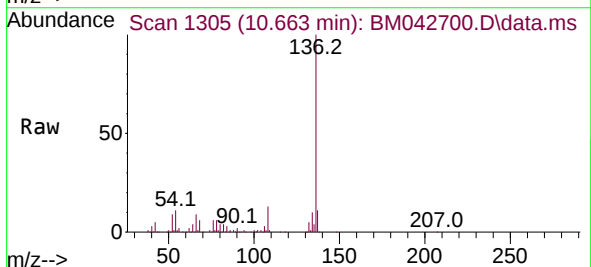
Instrument :  
BNA\_M  
ClientSampleId :

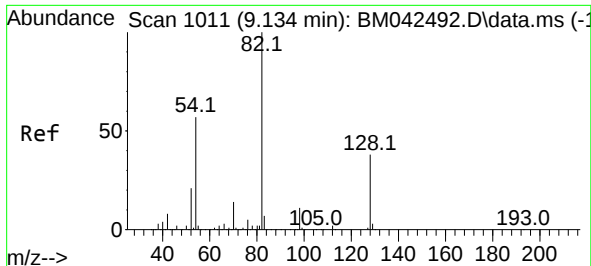
Tgt Ion: 99 Resp: 84537  
Ion Ratio Lower Upper  
99 100  
42 30.4 18.7 28.1#  
71 45.8 29.1 43.7#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

Tgt Ion: 136 Resp: 235494  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.0 13.6  
54 10.8 8.0 12.0  
68 6.2 5.7 8.5

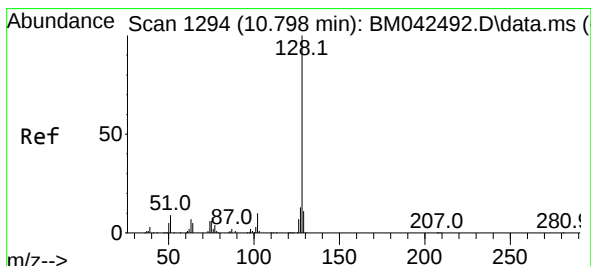
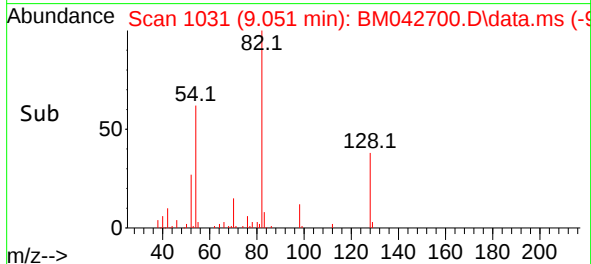
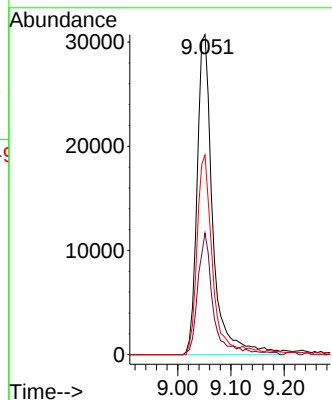
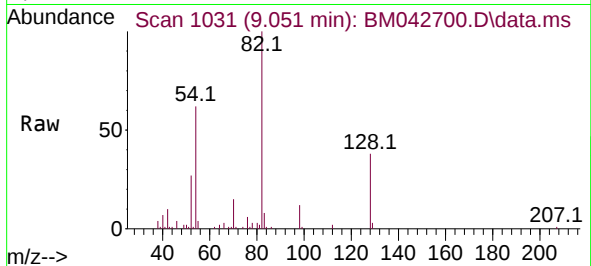




#23  
Nitrobenzene-d5  
Concen: 12.416 ng  
RT: 9.051 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

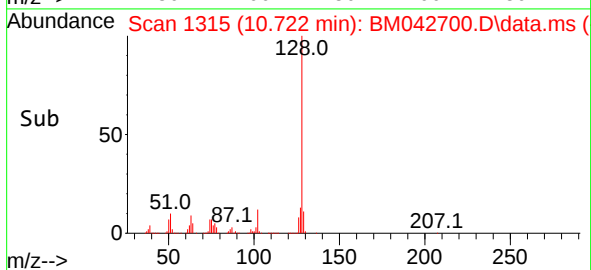
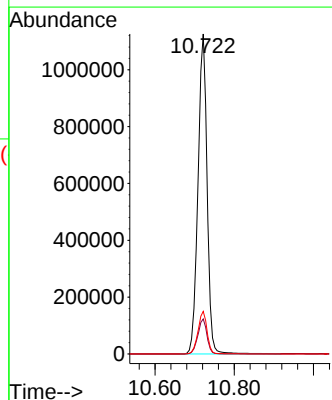
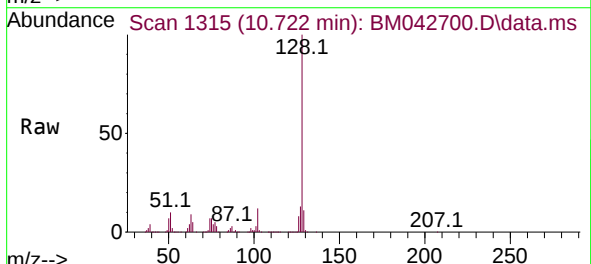
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BNA\_M  
ClientSampleId :

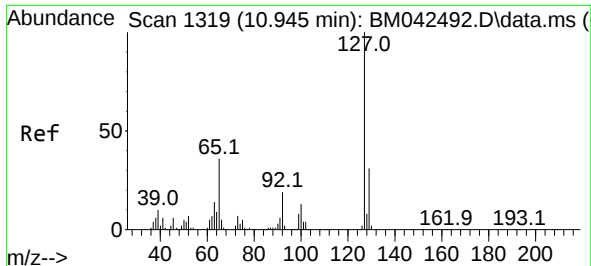
Tgt Ion: 82 Resp: 62721  
Ion Ratio Lower Upper  
82 100  
128 38.0 30.7 46.1  
54 62.4 45.3 67.9



#31  
Naphthalene  
Concen: 147.172 ng  
RT: 10.722 min Scan# 1315  
Delta R.T. 0.006 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

Tgt Ion:128 Resp: 1790629  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 13.3 10.6 15.8

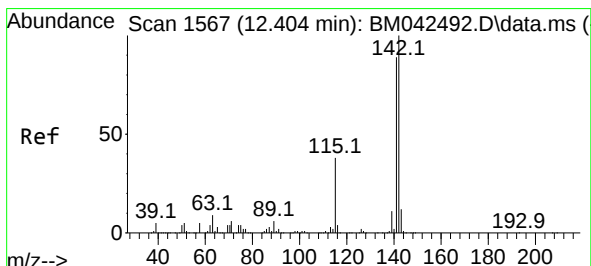
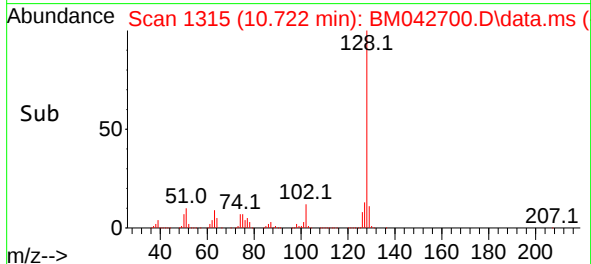
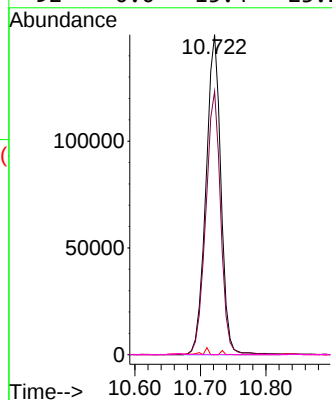
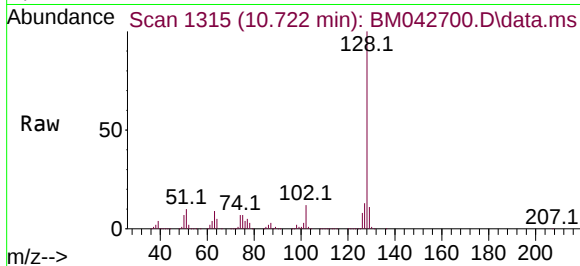




#33  
4-Chloroaniline  
Concen: 50.106 ng  
RT: 10.722 min Scan# 11  
Delta R.T. -0.135 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

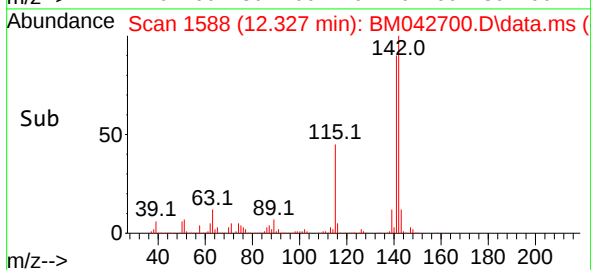
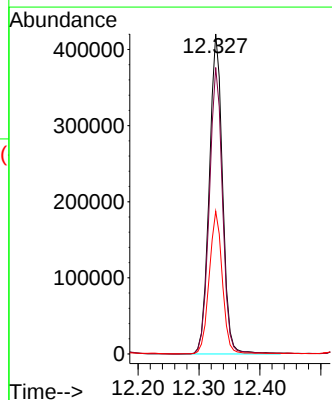
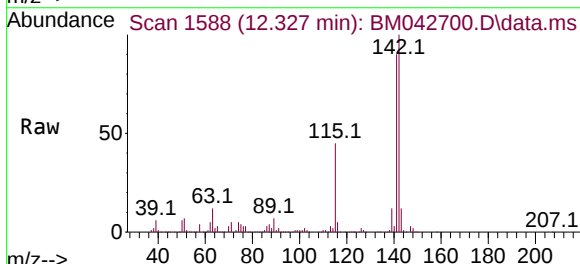
Instrument :  
BNA\_M  
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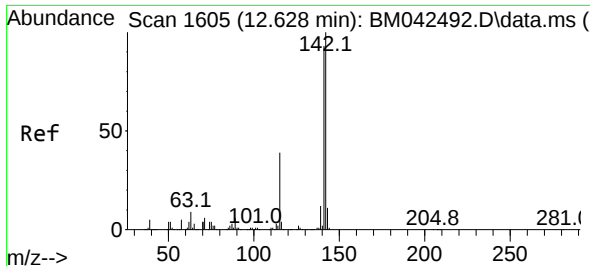
|             |              |
|-------------|--------------|
| Tgt Ion:127 | Resp: 237709 |
| Ion Ratio   | Lower Upper  |
| 127 100     |              |
| 129 82.3    | 25.0 37.4#   |
| 65 0.0      | 29.0 43.4#   |
| 92 0.0      | 15.4 23.2#   |



#37  
2-Methylnaphthalene  
Concen: 74.555 ng  
RT: 12.327 min Scan# 1588  
Delta R.T. 0.006 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

|             |              |
|-------------|--------------|
| Tgt Ion:142 | Resp: 638841 |
| Ion Ratio   | Lower Upper  |
| 142 100     |              |
| 141 89.5    | 70.9 106.3   |
| 115 44.6    | 30.2 45.2    |

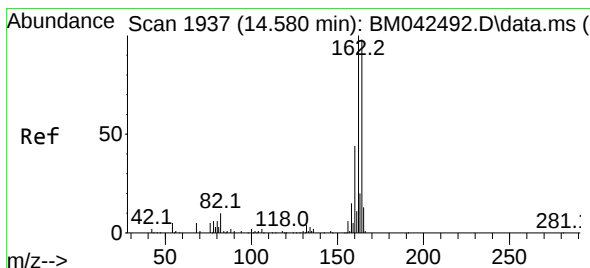
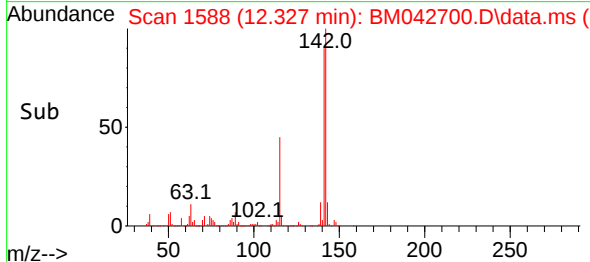
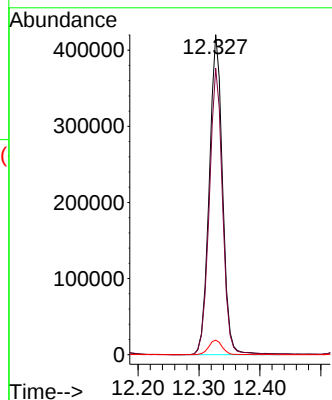
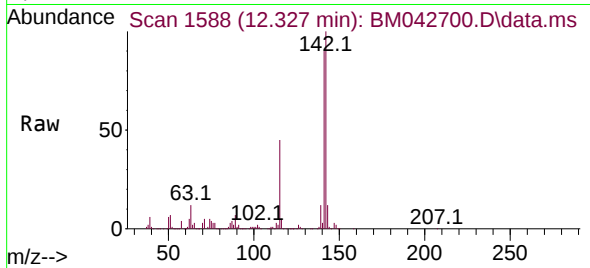




#38  
1-Methylnaphthalene  
Concen: 79.208 ng  
RT: 12.327 min Scan# 1  
Delta R.T. -0.218 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

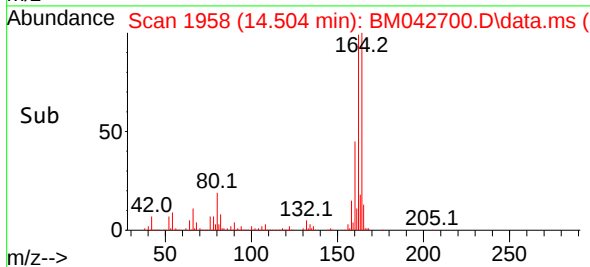
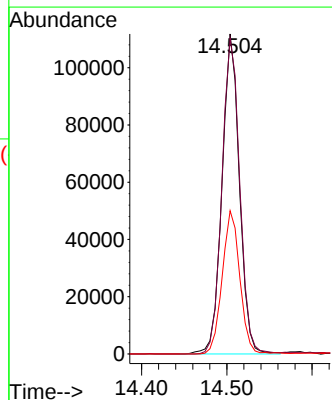
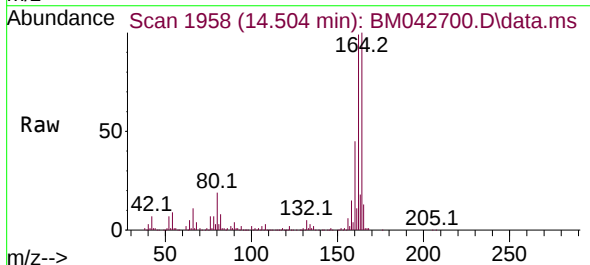
Instrument :  
BNA\_M  
ClientSampleId :

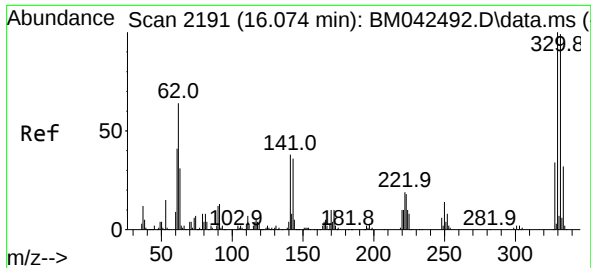
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Ion Ratio Lower Upper  
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141 89.5 74.4 111.6  
116 4.6 3.2 4.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.504 min Scan# 1958  
Delta R.T. 0.000 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

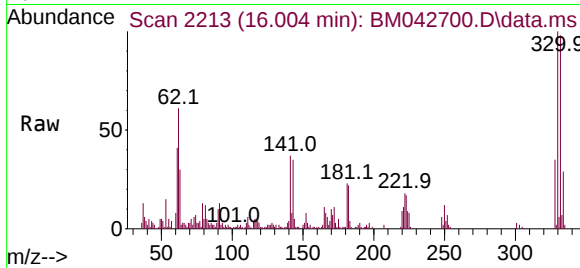
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Ion Ratio Lower Upper  
164 100  
162 98.7 81.6 122.4  
160 44.8 36.2 54.4



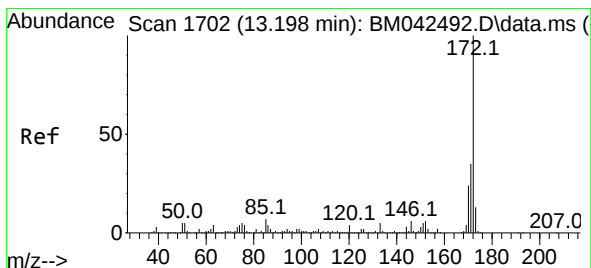
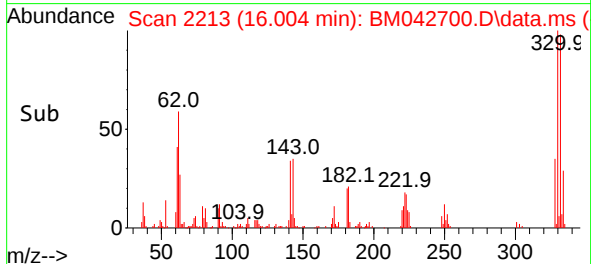
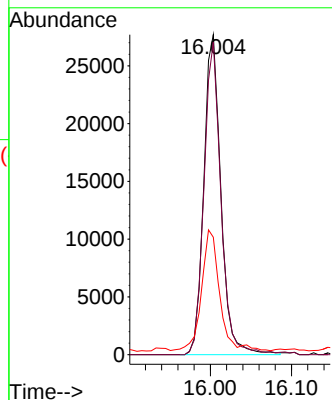


#42  
2,4,6-Tribromophenol  
Concen: 19.627 ng  
RT: 16.004 min Scan# 2191  
Delta R.T. 0.006 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

Instrument :  
BNA\_M  
ClientSampleId :

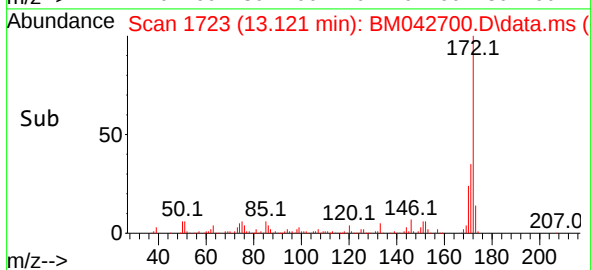
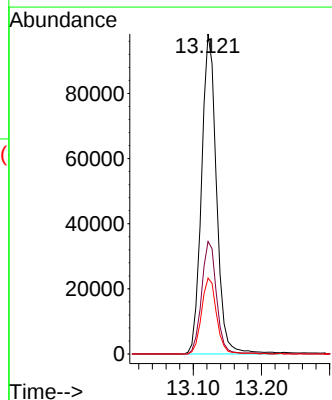
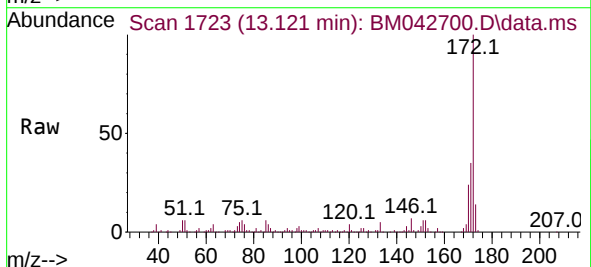


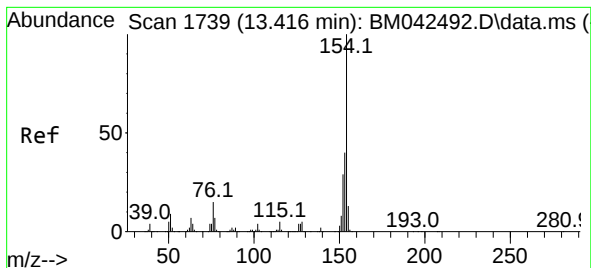
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Ion Ratio Lower Upper  
330 100  
332 97.1 78.8 118.2  
141 39.6 31.1 46.7



#45  
2-Fluorobiphenyl  
Concen: 12.734 ng  
RT: 13.121 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

Tgt Ion:172 Resp: 149858  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.2 42.2  
170 23.7 19.0 28.4





#46

1,1'-Biphenyl

Concen: 10.118 ng

RT: 13.339 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

Instrument :

BNA\_M

ClientSampleId :

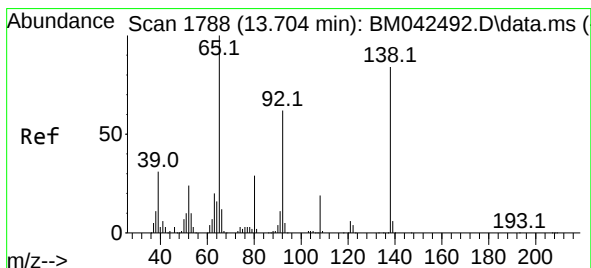
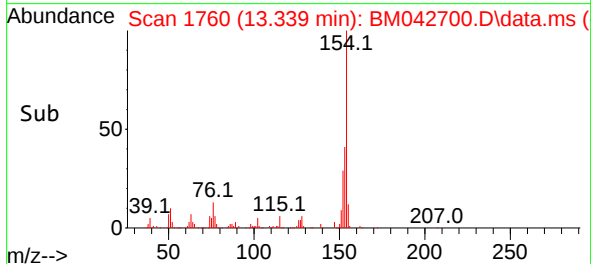
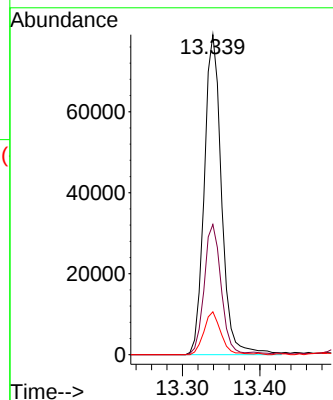
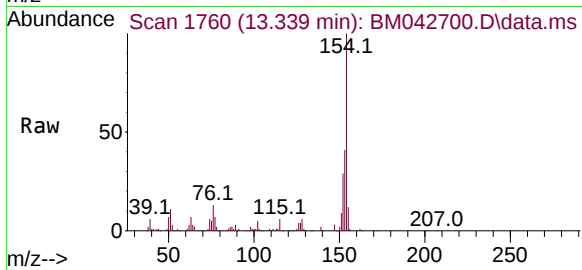
Tgt Ion:154 Resp: 122473

Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.4 0.0 35.0



#48

2-Nitroaniline

Concen: 5.402 ng

RT: 13.674 min Scan# 1817

Delta R.T. 0.041 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

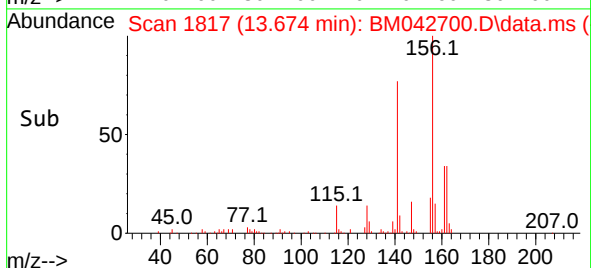
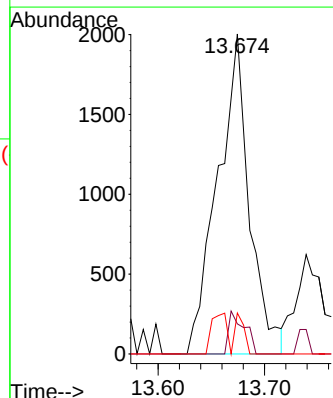
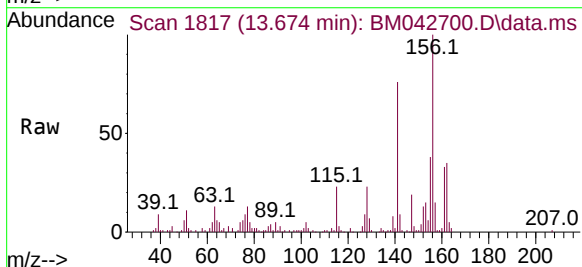
Tgt Ion: 65 Resp: 4142

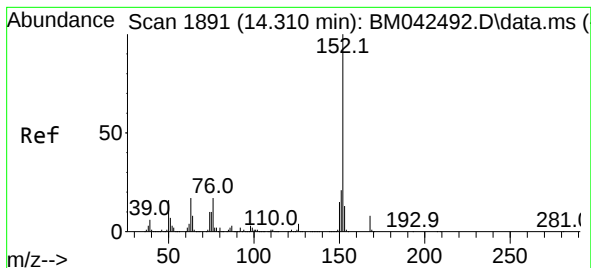
Ion Ratio Lower Upper

65 100

92 9.4 49.4 74.2#

138 12.8 66.9 100.3#





#49

Acenaphthylene

Concen: 10.945 ng

RT: 14.233 min Scan# 1912

Delta R.T. 0.000 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

Instrument :

BNA\_M

ClientSampleId :

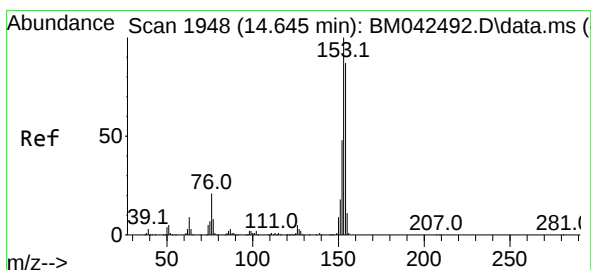
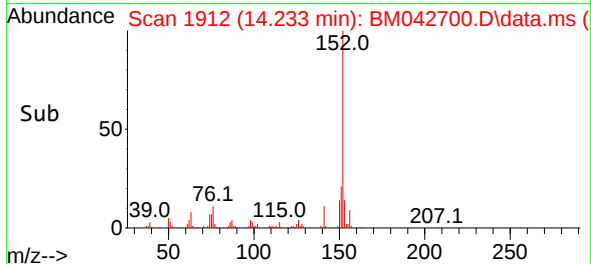
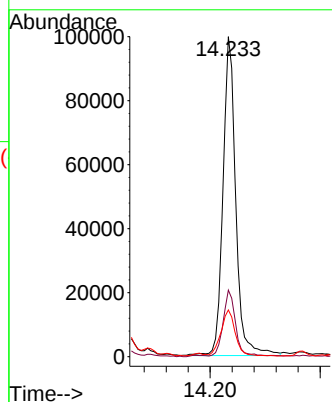
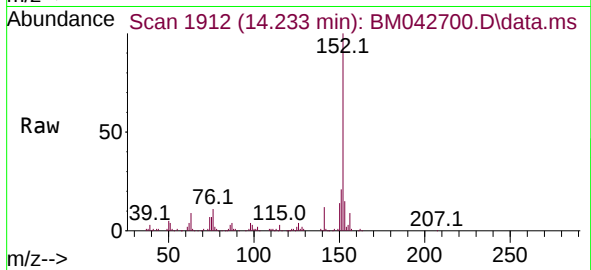
Tgt Ion:152 Resp: 160963

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

153 14.6 10.4 15.6



#52

Acenaphthene

Concen: 29.164 ng

RT: 14.568 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

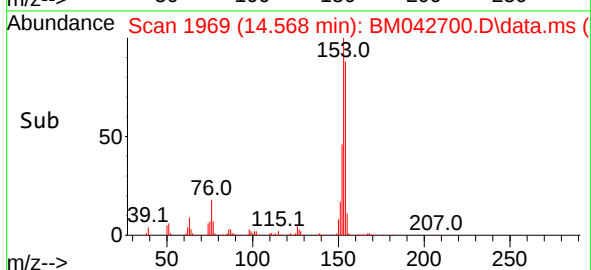
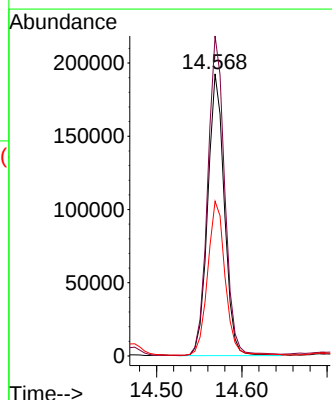
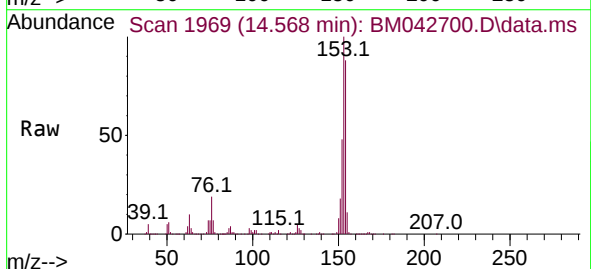
Tgt Ion:154 Resp: 260299

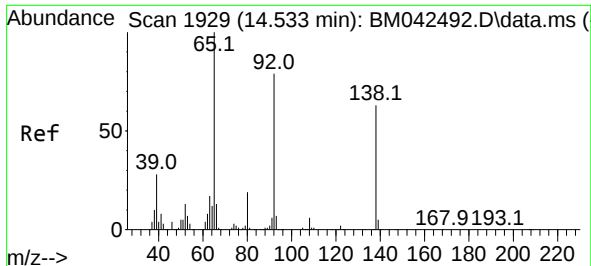
Ion Ratio Lower Upper

154 100

153 113.4 92.0 138.0

152 54.8 44.0 66.0

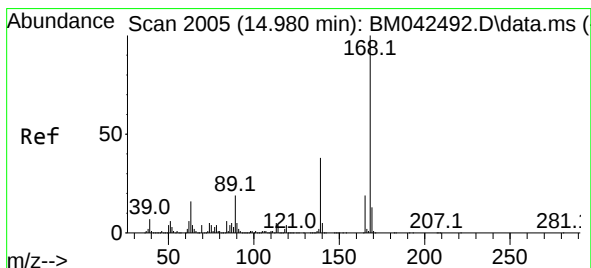
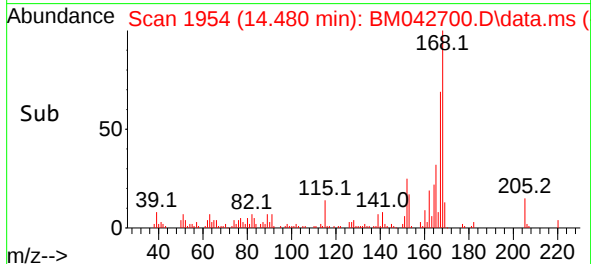
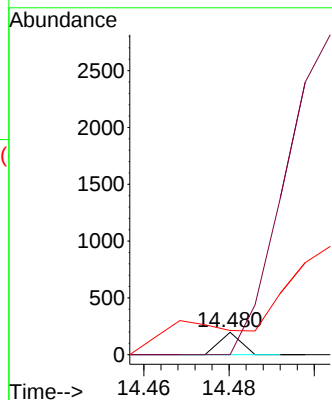
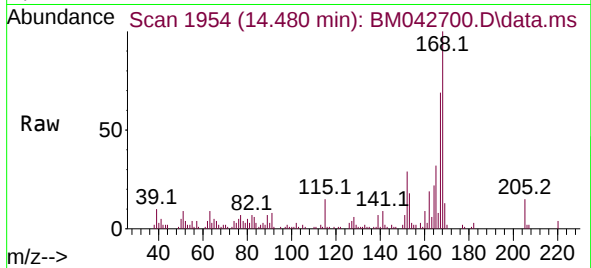




#53  
3-Nitroaniline  
Concen: 4.375 ng  
RT: 14.480 min Scan# 1929  
Delta R.T. 0.018 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

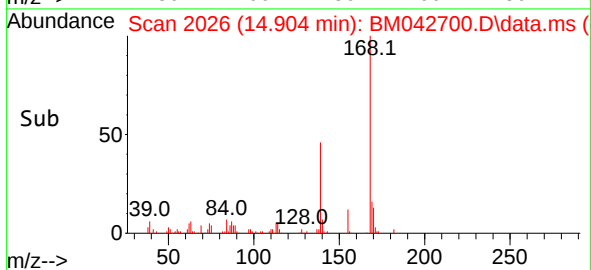
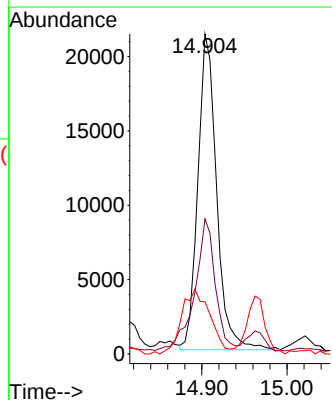
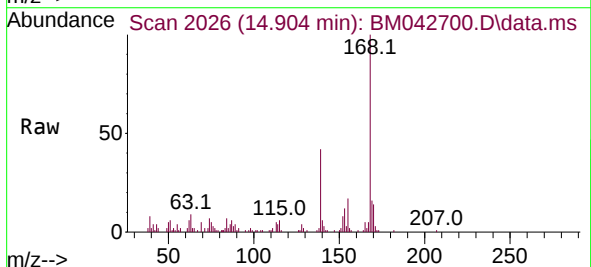
Instrument :  
BNA\_M  
ClientSampleId :

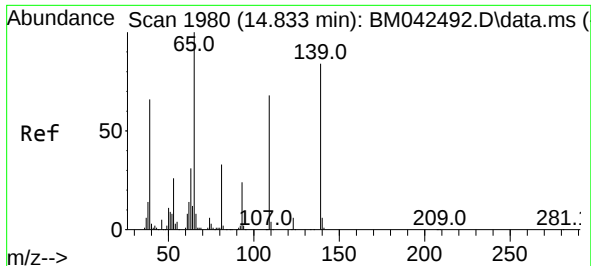
Tgt Ion:138 Resp: 70  
Ion Ratio Lower Upper  
138 100  
108 0.0 7.9 11.9#  
92 108.1 100.7 151.1



#55  
Dibenzofuran  
Concen: 2.239 ng  
RT: 14.904 min Scan# 2026  
Delta R.T. 0.000 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

Tgt Ion:168 Resp: 32494  
Ion Ratio Lower Upper  
168 100  
139 42.2 30.4 45.6  
169 16.3 10.6 15.8#

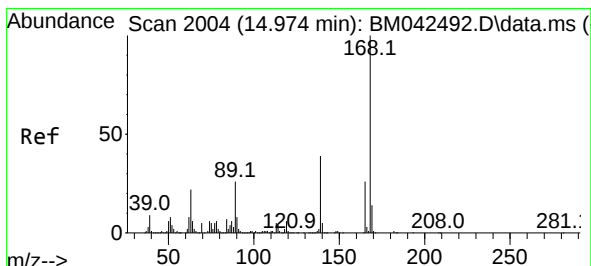
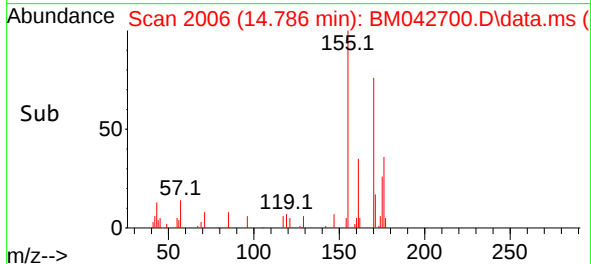
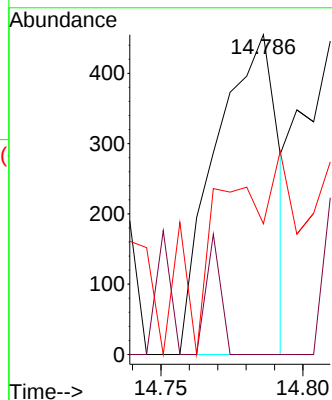
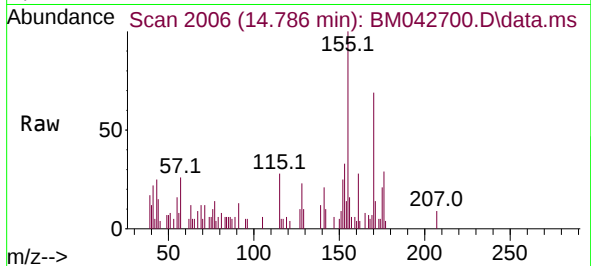




#56  
4-Nitrophenol  
Concen: 7.243 ng  
RT: 14.786 min Scan# 20  
Delta R.T. 0.029 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

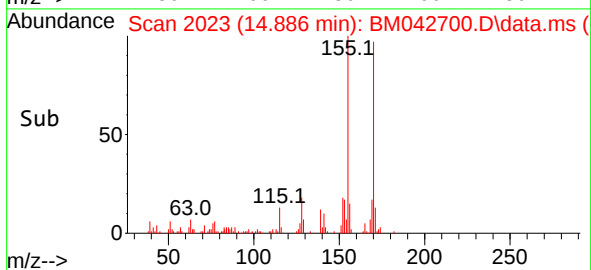
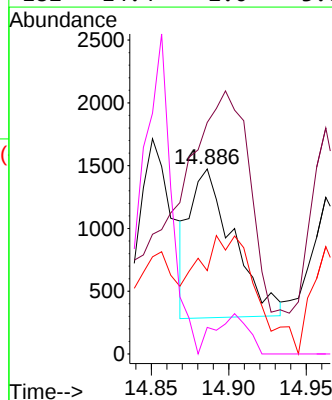
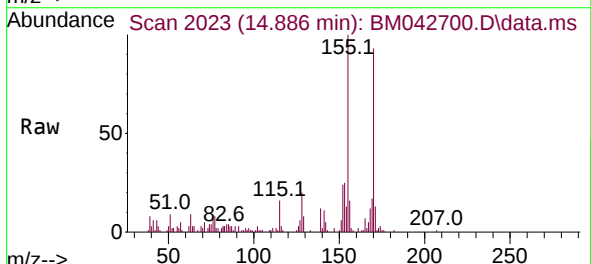
Instrument :  
BNA\_M  
ClientSampleId :

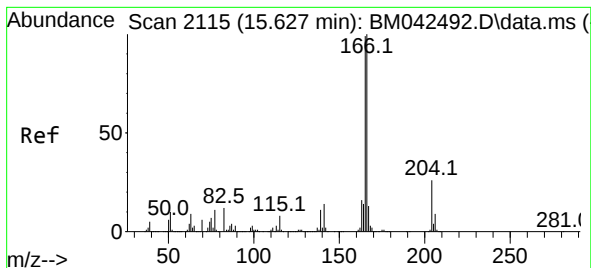
Tgt Ion:139 Resp: 703  
Ion Ratio Lower Upper  
139 100  
109 0.0 61.3 101.3#  
65 40.9 100.2 140.2#



#57  
2,4-Dinitrotoluene  
Concen: 4.538 ng  
RT: 14.886 min Scan# 2023  
Delta R.T. -0.024 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

Tgt Ion:165 Resp: 2284  
Ion Ratio Lower Upper  
165 100  
63 125.2 66.7 100.1#  
89 45.1 80.2 120.4#  
182 14.4 2.0 3.0#





#58

Fluorene

Concen: 19.038 ng

RT: 15.557 min Scan# 2115

Delta R.T. 0.006 min

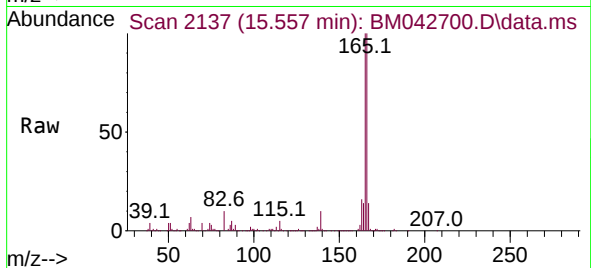
Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

Instrument :

BNA\_M

ClientSampleId :



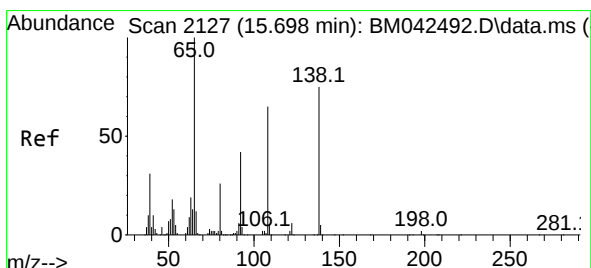
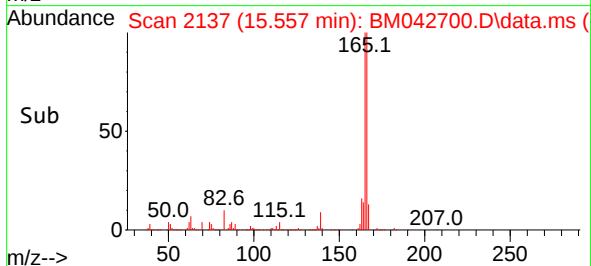
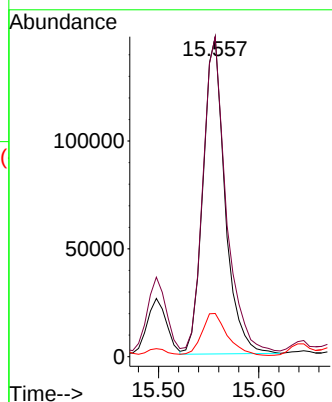
Tgt Ion:166 Resp: 223539

Ion Ratio Lower Upper

166 100

165 100.0 79.3 118.9

167 13.5 10.5 15.7



#62

4-Nitroaniline

Concen: 5.805 ng

RT: 15.639 min Scan# 2151

Delta R.T. 0.012 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

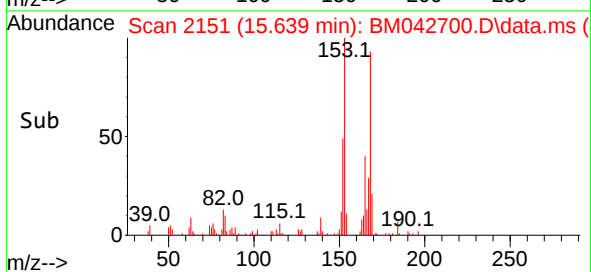
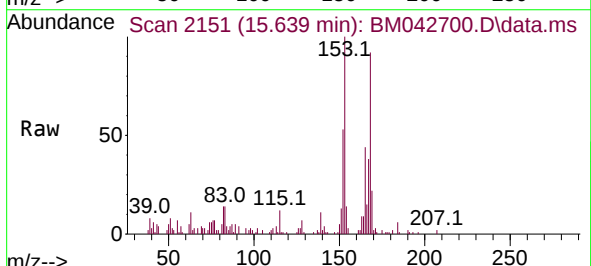
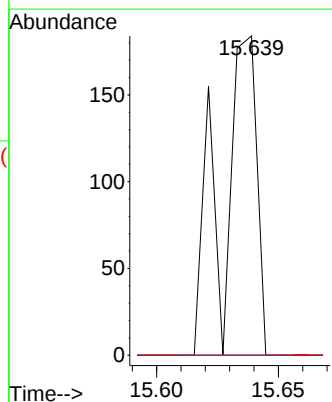
Tgt Ion:138 Resp: 182

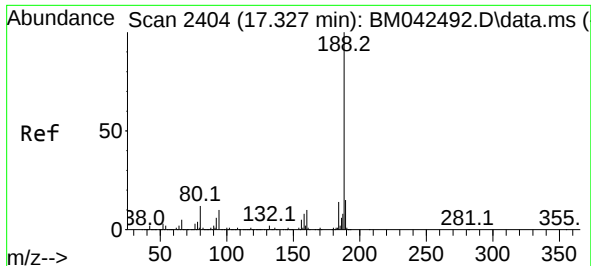
Ion Ratio Lower Upper

138 100

92 0.0 37.0 77.0#

108 0.0 67.2 107.2#

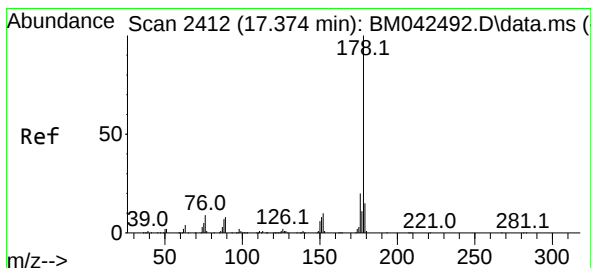
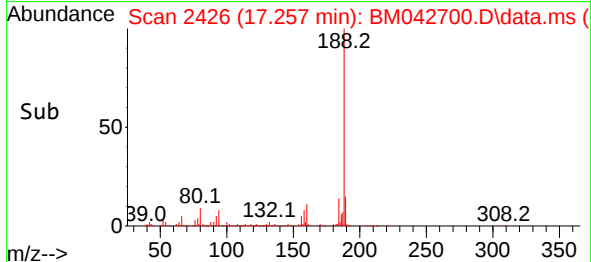
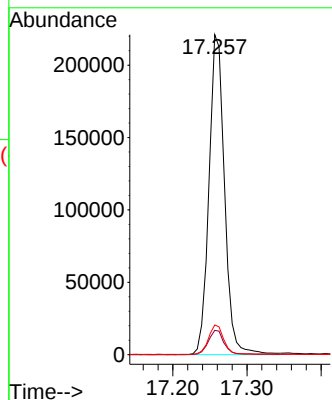
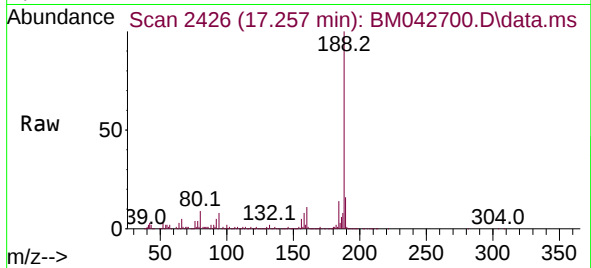




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.257 min Scan# 24  
Delta R.T. 0.000 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

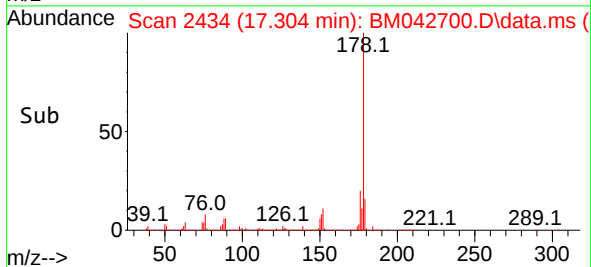
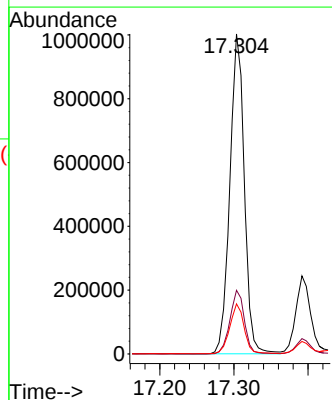
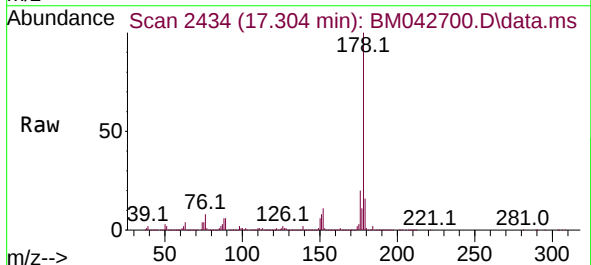
Instrument :  
BNA\_M  
ClientSampleId :

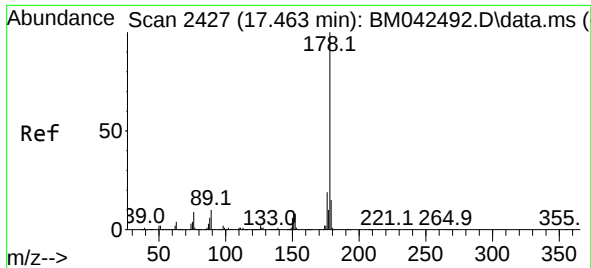
Tgt Ion:188 Resp: 322732  
Ion Ratio Lower Upper  
188 100  
94 7.6 8.2 12.4#  
80 9.3 9.4 14.2#



#71  
Phenanthrene  
Concen: 80.610 ng  
RT: 17.304 min Scan# 2434  
Delta R.T. 0.006 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

Tgt Ion:178 Resp: 1359547  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.8 23.8  
179 15.7 12.2 18.4

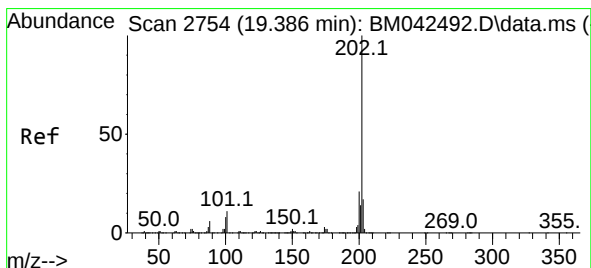
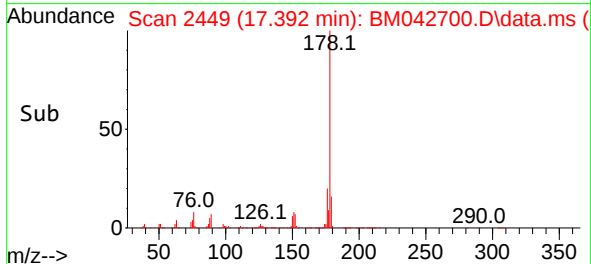
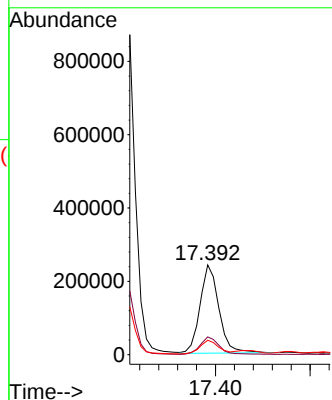
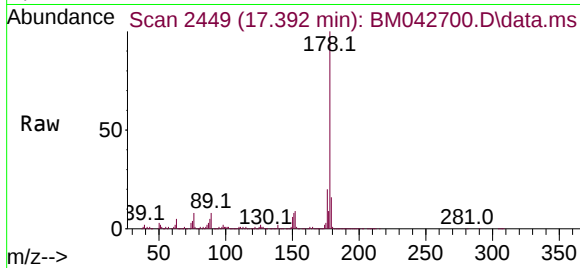




#72  
 Anthracene  
 Concen: 20.024 ng  
 RT: 17.392 min Scan# 24  
 Delta R.T. 0.000 min  
 Lab File: BM042700.D  
 Acq: 10 Nov 2023 20:22

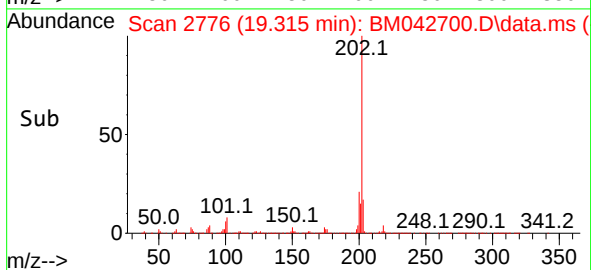
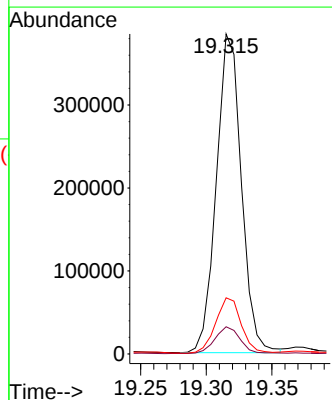
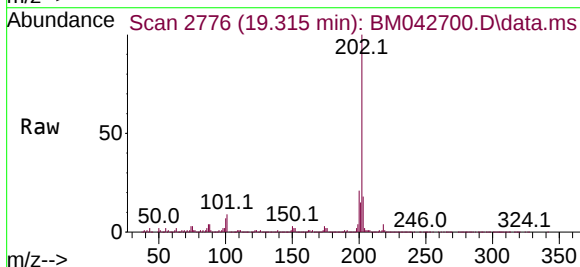
Instrument :  
 BNA\_M  
 ClientSampleId :

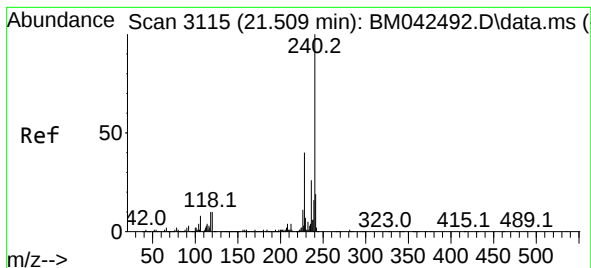
Tgt Ion:178 Resp: 334505  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.2 22.8  
 179 16.0 12.3 18.5



#75  
 Fluoranthene  
 Concen: 25.676 ng  
 RT: 19.315 min Scan# 2776  
 Delta R.T. 0.000 min  
 Lab File: BM042700.D  
 Acq: 10 Nov 2023 20:22

Tgt Ion:202 Resp: 508681  
 Ion Ratio Lower Upper  
 202 100  
 101 8.5 0.0 30.5  
 203 17.6 0.0 37.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.444 min Scan# 3115

Delta R.T. 0.006 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

Instrument :

BNA\_M

ClientSampleId :

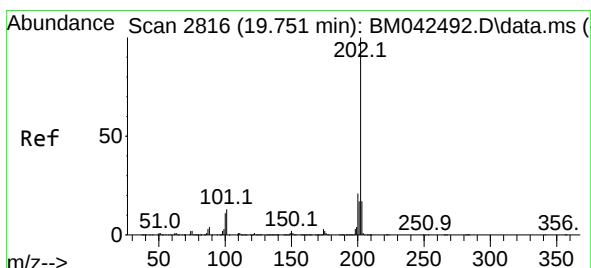
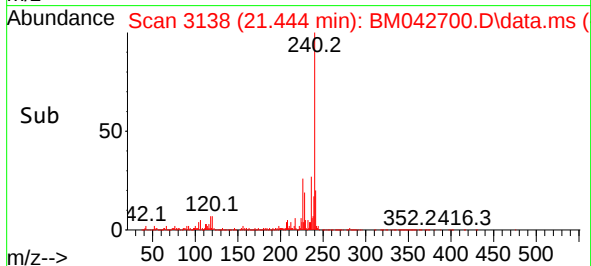
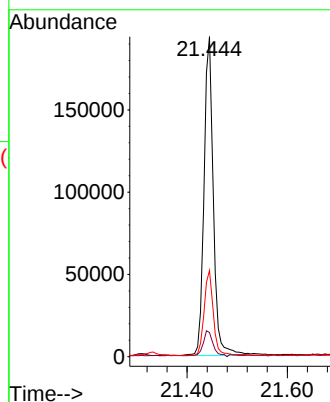
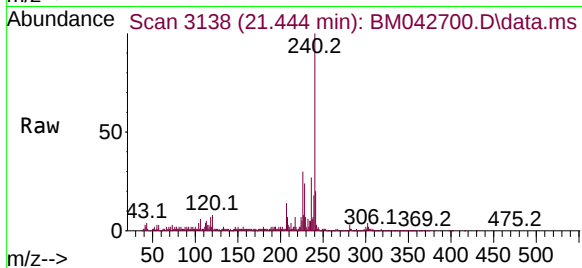
Tgt Ion:240 Resp: 254191

Ion Ratio Lower Upper

240 100

120 7.5 8.3 12.5#

236 26.9 20.8 31.2



#78

Pyrene

Concen: 52.741 ng

RT: 19.686 min Scan# 2839

Delta R.T. 0.006 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

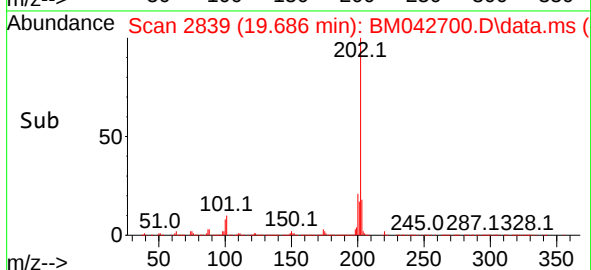
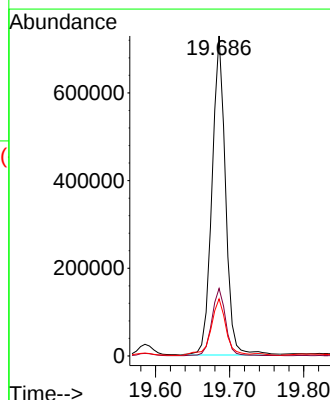
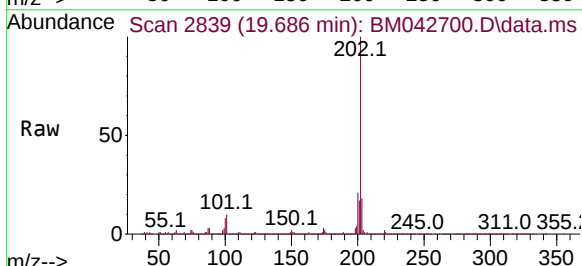
Tgt Ion:202 Resp: 920570

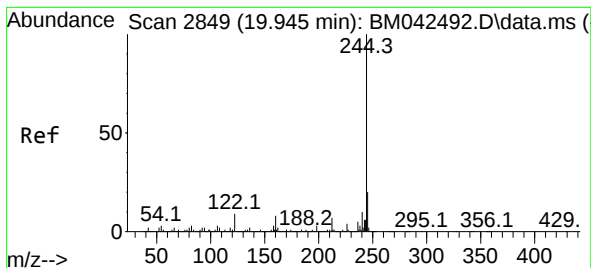
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.8 13.7 20.5





#79

Terphenyl-d14

Concen: 13.906 ng

RT: 19.874 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

Instrument :

BNA\_M

ClientSampleId :

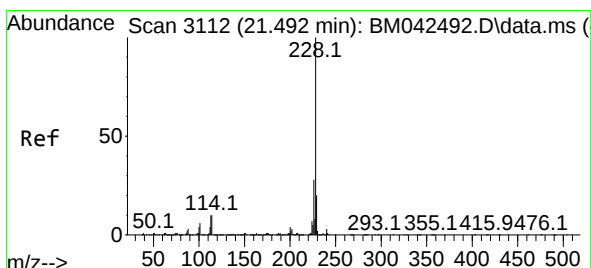
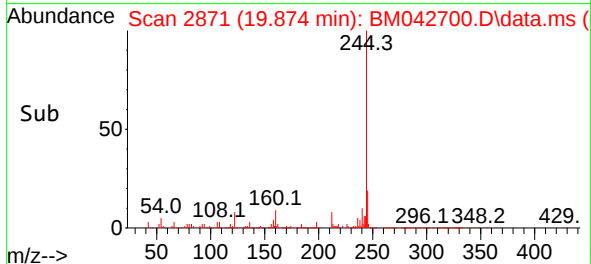
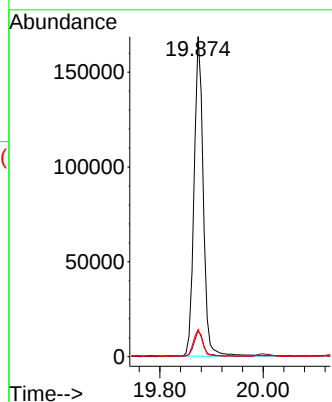
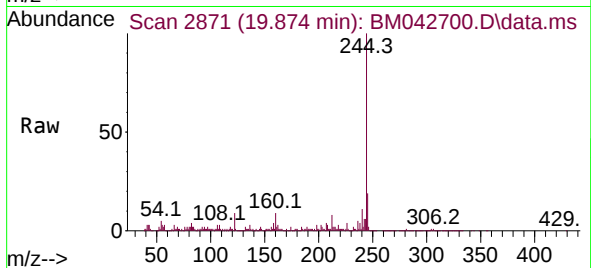
Tgt Ion:244 Resp: 208467

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 8.5 7.2 10.8



#81

Benzo(a)anthracene

Concen: 18.500 ng

RT: 21.427 min Scan# 3135

Delta R.T. 0.000 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

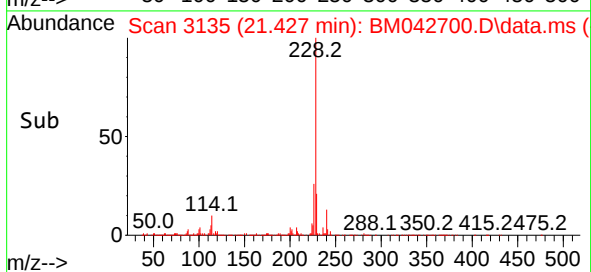
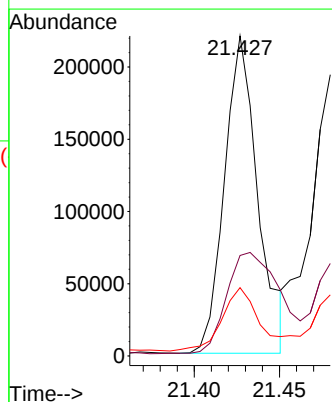
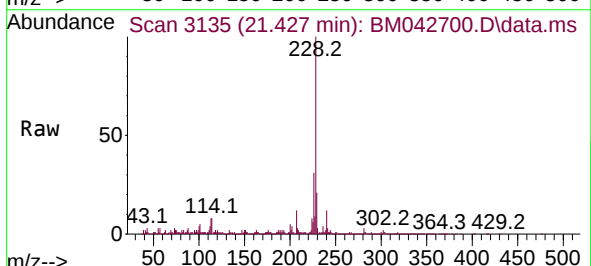
Tgt Ion:228 Resp: 299194

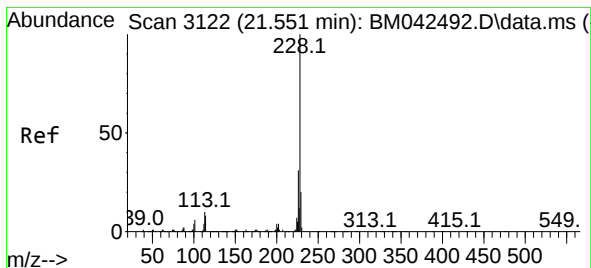
Ion Ratio Lower Upper

228 100

226 31.4 22.3 33.5

229 21.4 15.8 23.8





#83

Chrysene

Concen: 16.867 ng

RT: 21.480 min Scan# 31

Delta R.T. 0.000 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

Instrument :

BNA\_M

ClientSampleId :

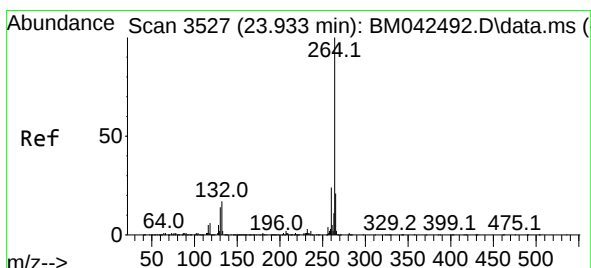
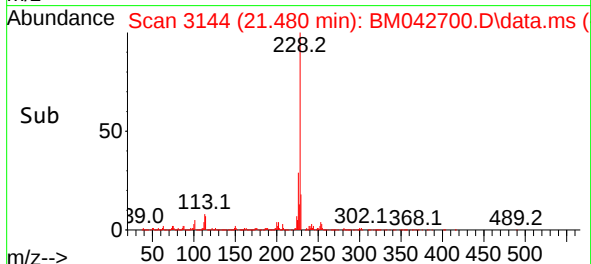
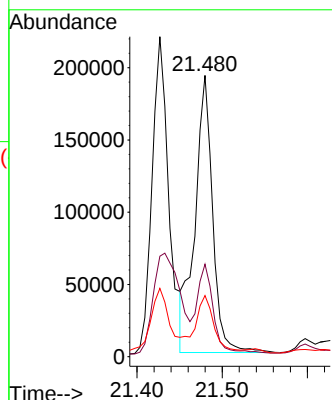
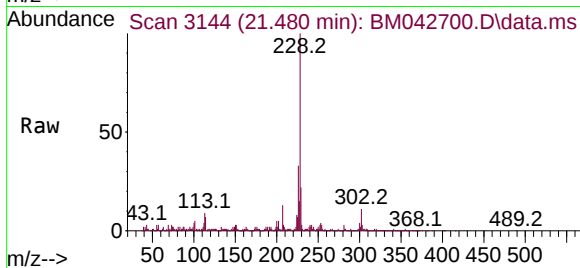
Tgt Ion:228 Resp: 277093

Ion Ratio Lower Upper

228 100

226 32.9 24.4 36.6

229 21.8 15.7 23.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.821 min Scan# 3542

Delta R.T. 0.006 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

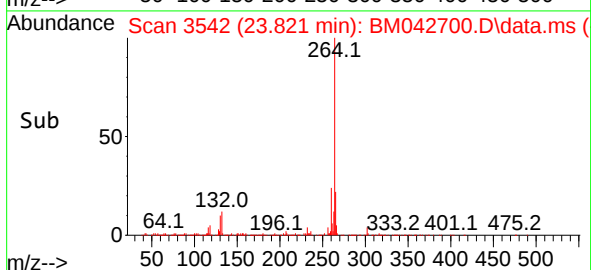
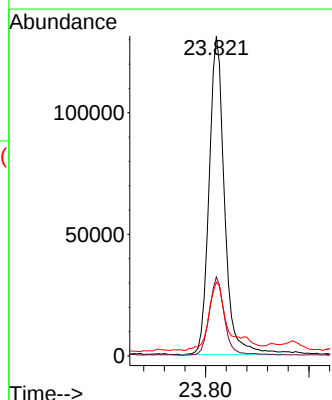
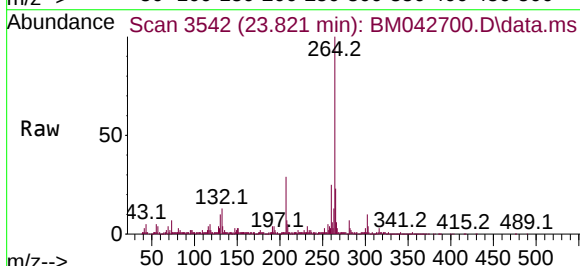
Tgt Ion:264 Resp: 271674

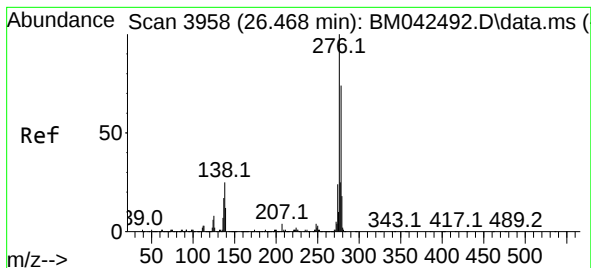
Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 23.0 18.7 28.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 6.482 ng

RT: 26.303 min Scan# 3418

Delta R.T. 0.000 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

Instrument :

BNA\_M

ClientSampleId :

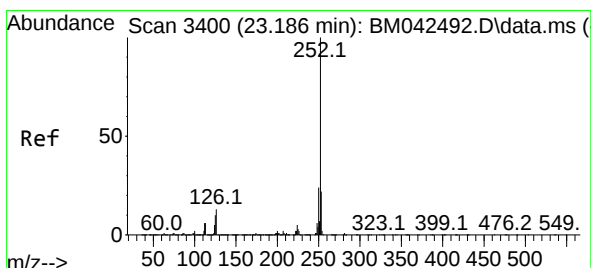
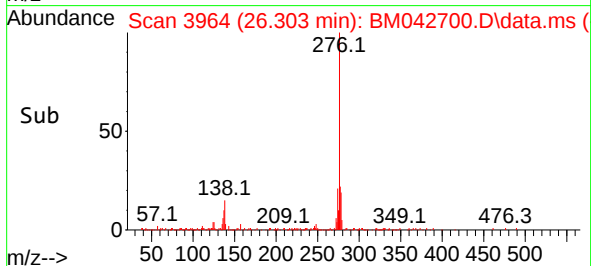
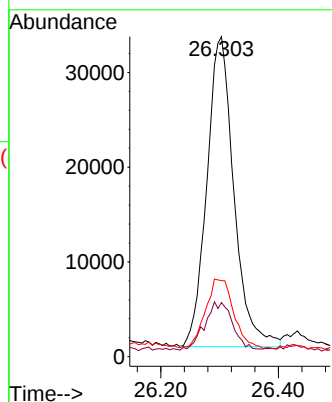
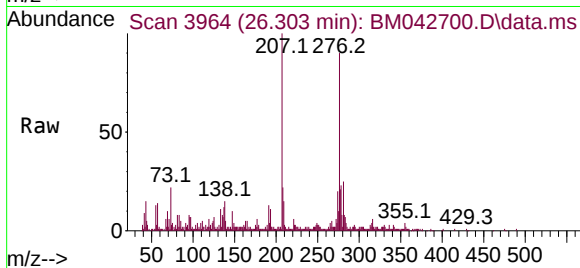
Tgt Ion:276 Resp: 104803

Ion Ratio Lower Upper

276 100

138 15.9 20.6 31.0#

277 23.7 19.5 29.3



#88

Benzo(b)fluoranthene

Concen: 18.903 ng

RT: 23.091 min Scan# 3418

Delta R.T. 0.006 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

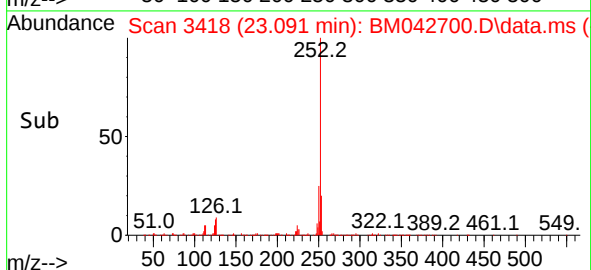
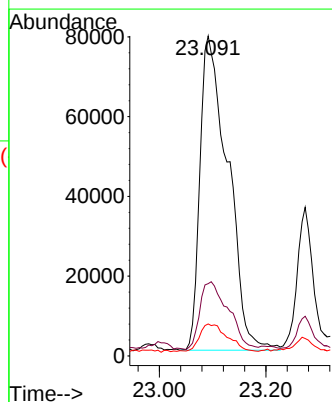
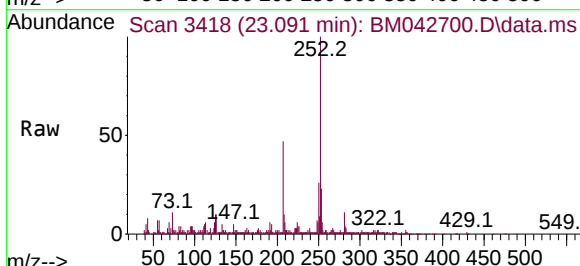
Tgt Ion:252 Resp: 286103

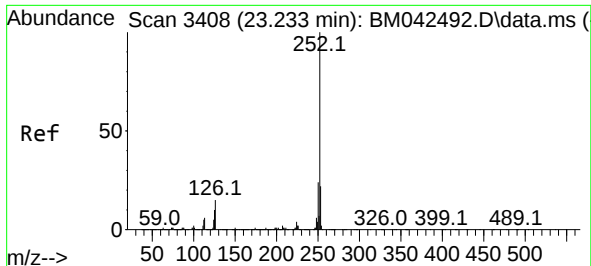
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 10.0 7.8 11.6

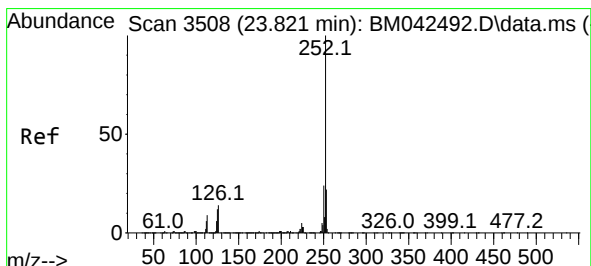
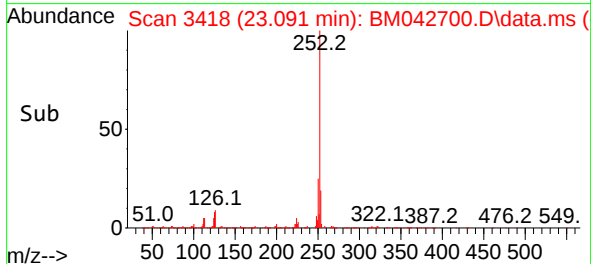
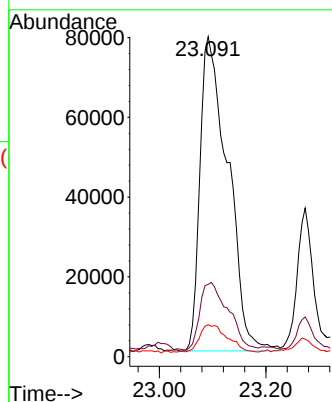
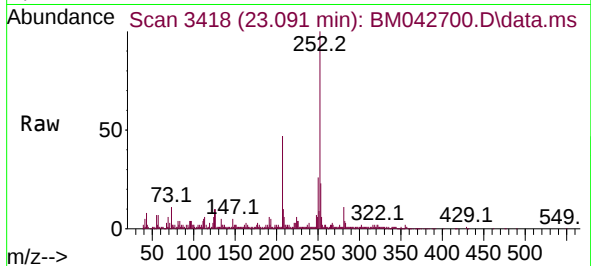




#89  
Benzo(k)fluoranthene  
Concen: 16.964 ng  
RT: 23.091 min Scan# 34  
Delta R.T. -0.047 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

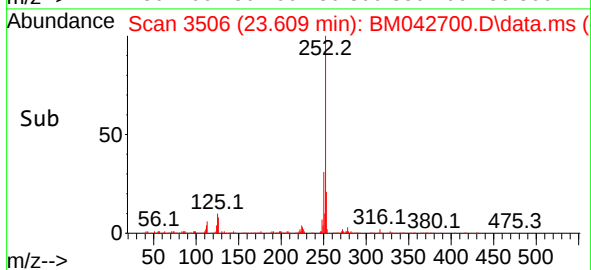
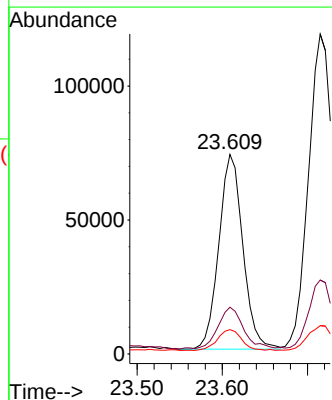
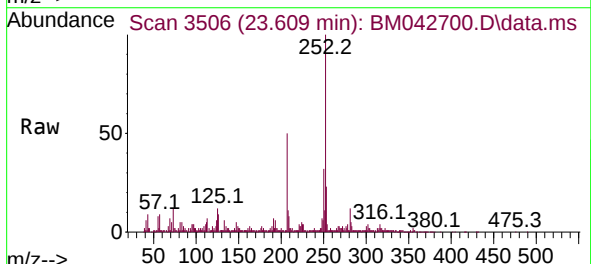
Instrument :  
BNA\_M  
ClientSampleId :

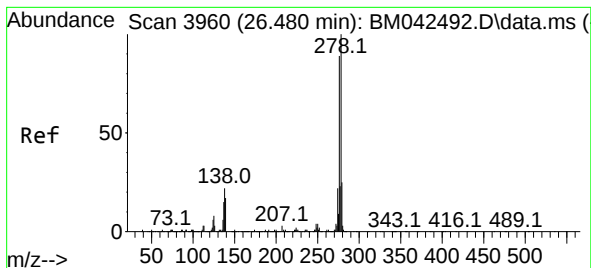
Tgt Ion:252 Resp: 286103  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.6 26.4  
125 10.0 8.2 12.4



#90  
Benzo(a)pyrene  
Concen: 9.569 ng  
RT: 23.609 min Scan# 3506  
Delta R.T. -0.106 min  
Lab File: BM042700.D  
Acq: 10 Nov 2023 20:22

Tgt Ion:252 Resp: 142591  
Ion Ratio Lower Upper  
252 100  
253 23.4 17.5 26.3  
125 12.2 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 6.119 ng

RT: 26.303 min Scan# 3964

Delta R.T. -0.012 min

Lab File: BM042700.D

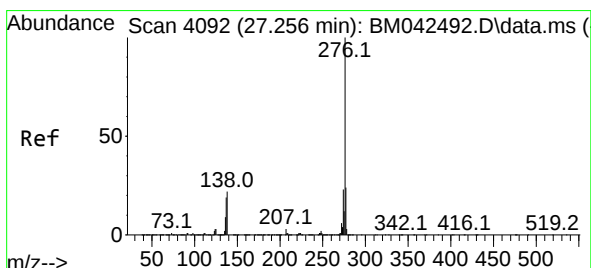
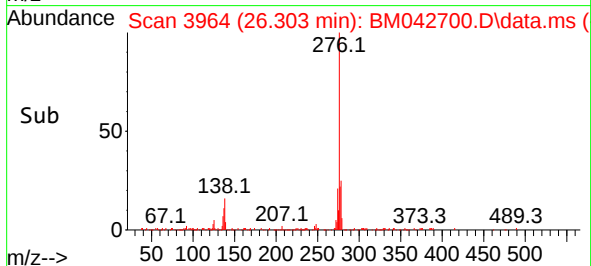
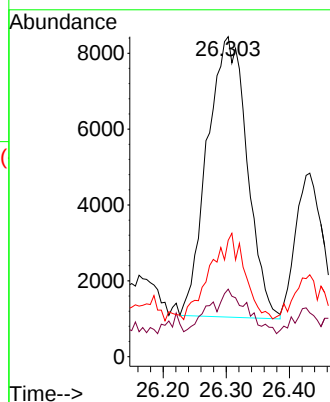
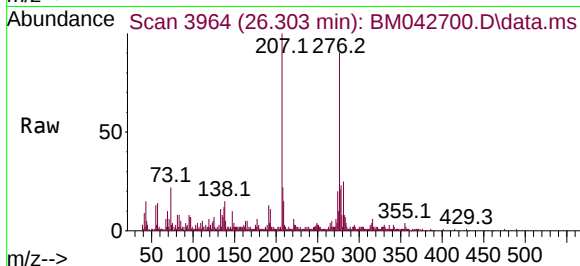
Acq: 10 Nov 2023 20:22

Instrument :

BNA\_M

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 278   | Resp: | 32356 |
| Ion Ratio | Lower | Upper |       |
| 278       | 100   |       |       |
| 139       | 21.1  | 13.4  | 20.2# |
| 279       | 36.3  | 19.7  | 29.5# |



#92

Benzo(g,h,i)perylene

Concen: 8.482 ng

RT: 27.079 min Scan# 4096

Delta R.T. 0.000 min

Lab File: BM042700.D

Acq: 10 Nov 2023 20:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 120877 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.6  | 19.2  | 28.8   |
| 138       | 15.7  | 17.3  | 25.9#  |

