

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM021523\  
 Data File : BM038752.D  
 Acq On : 15 Feb 2023 17:37  
 Operator : CG/JU  
 Sample : 01539-09  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-8

Quant Time: Feb 16 02:17:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 15 02:07:17 2023  
 Response via : Initial Calibration

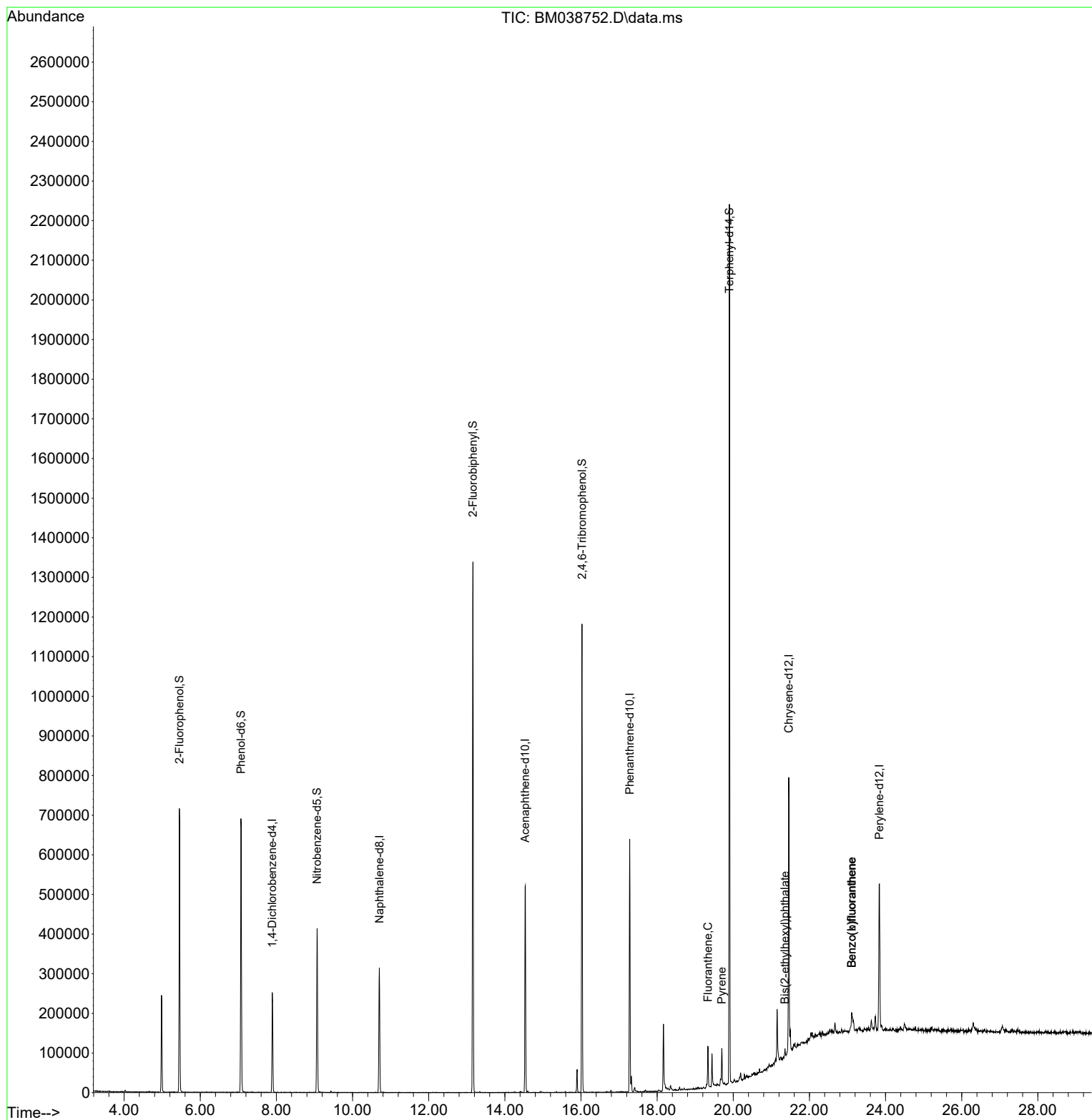
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.892  | 152  | 72630    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.704 | 136  | 265327   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.533 | 164  | 178704   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.280 | 188  | 354991   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.456 | 240  | 274471   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 23.838 | 264  | 263257   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 321861   | 86.809 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.069  | 99   | 394494   | 93.290 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.069  | 82   | 224165   | 47.989 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.027 | 330  | 191866   | 78.990 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.163 | 172  | 647455   | 46.125 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.898 | 244  | 888508   | 57.125 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 75) Fluoranthene              | 19.333 | 202  | 56372    | 2.547  | ng    | 98       |
| 78) Pyrene                    | 19.698 | 202  | 50533    | 2.391  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phtha... | 21.356 | 149  | 8329     | 2.023  | ng    | # 96     |
| 88) Benzo(b)fluoranthene      | 23.109 | 252  | 37143    | 2.356  | ng    | # 93     |
| 89) Benzo(k)fluoranthene      | 23.109 | 252  | 37143    | 2.320  | ng    | # 92     |
| -----                         |        |      |          |        |       |          |

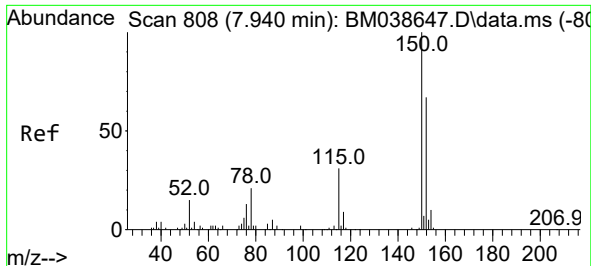
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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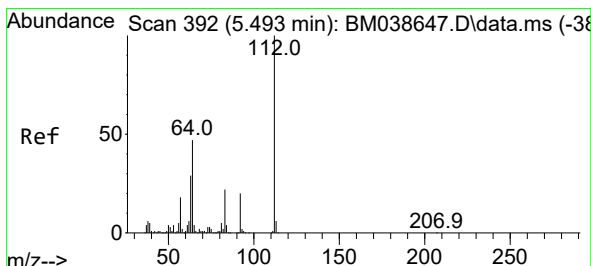
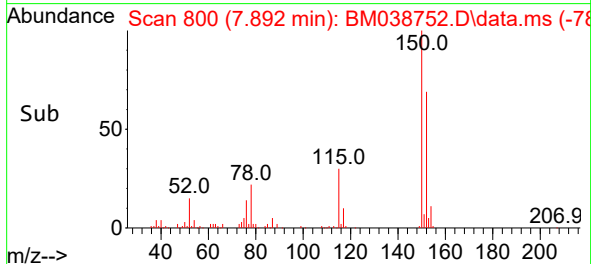
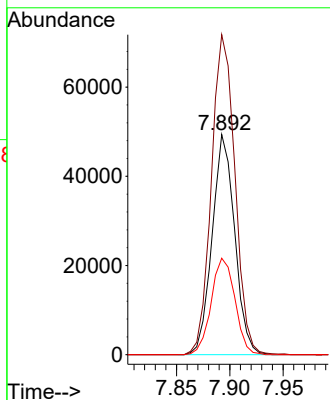
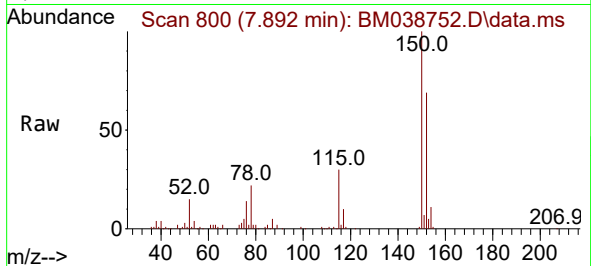




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.892 min Scan# 808  
Delta R.T. -0.006 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

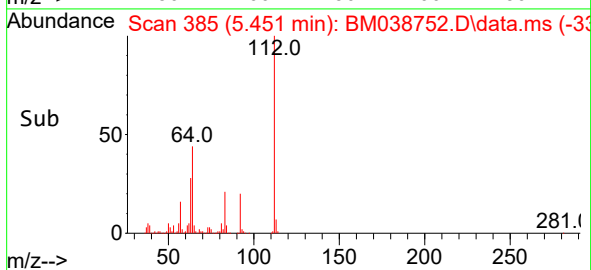
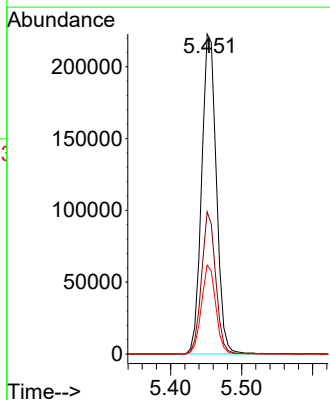
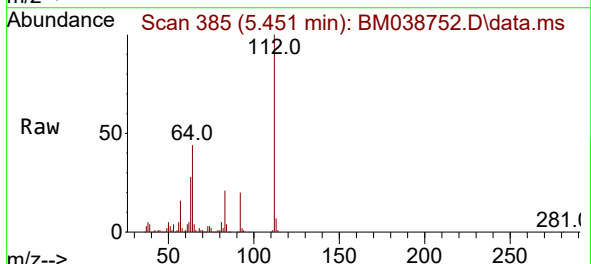
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-8

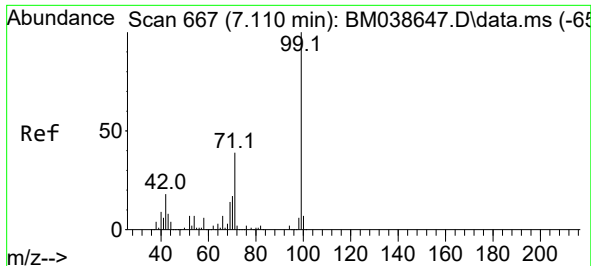
Tgt Ion:152 Resp: 72630  
Ion Ratio Lower Upper  
152 100  
150 145.4 119.5 179.3  
115 43.9 37.6 56.4



#5  
2-Fluorophenol  
Concen: 86.809 ng  
RT: 5.451 min Scan# 385  
Delta R.T. -0.006 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

Tgt Ion:112 Resp: 321861  
Ion Ratio Lower Upper  
112 100  
64 44.4 37.9 56.9  
63 27.8 23.3 34.9

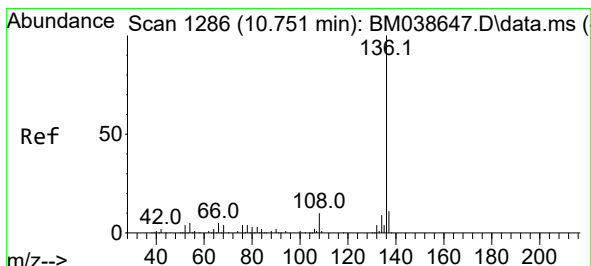
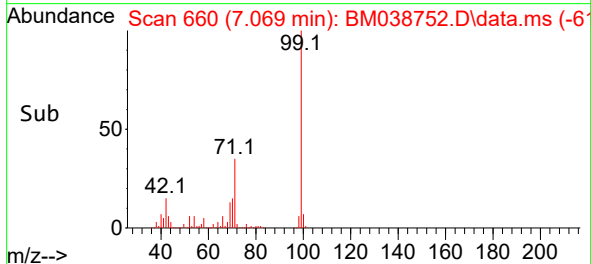
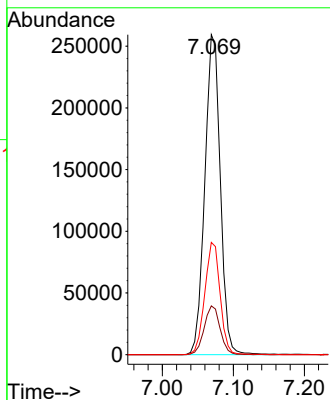
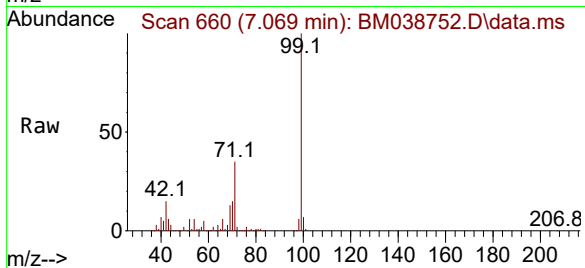




#7  
Phenol-d6  
Concen: 93.290 ng  
RT: 7.069 min Scan# 60  
Delta R.T. -0.012 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

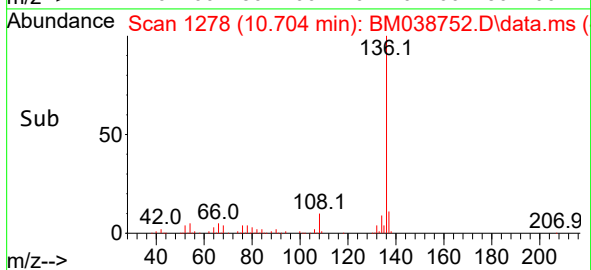
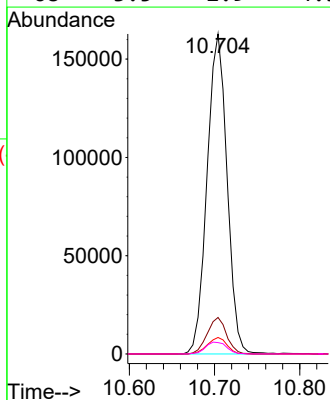
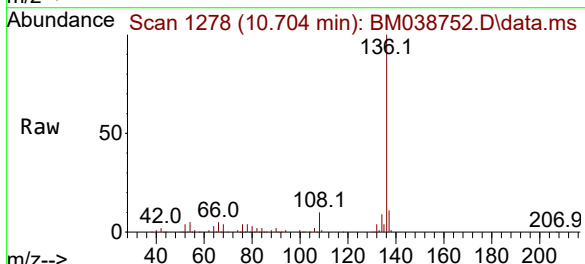
Instrument :  
BNA\_M  
ClientSampleId :  
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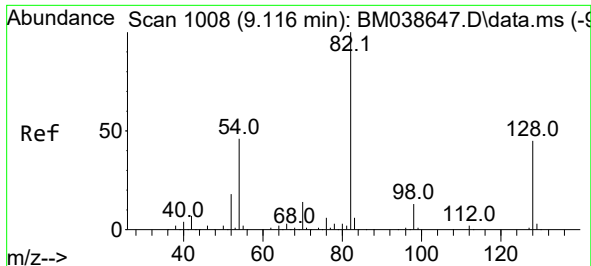
Tgt Ion: 99 Resp: 394494  
Ion Ratio Lower Upper  
99 100  
42 15.3 14.6 22.0  
71 35.1 31.0 46.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.704 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

Tgt Ion: 136 Resp: 265327  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.8 13.2  
54 5.2 4.2 6.4  
68 3.5 2.9 4.3

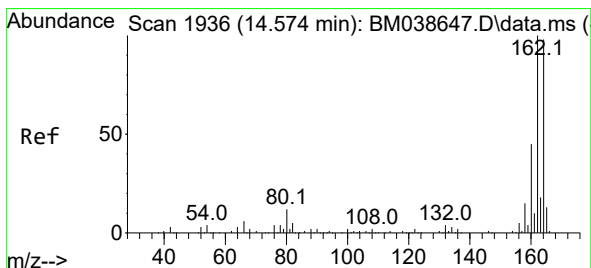
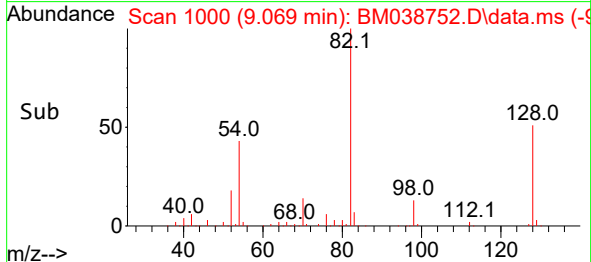
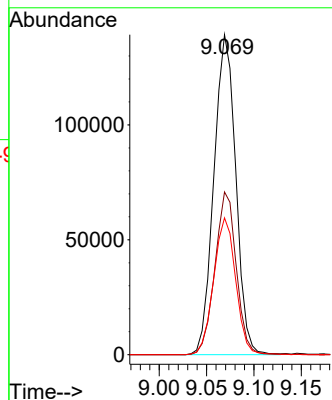
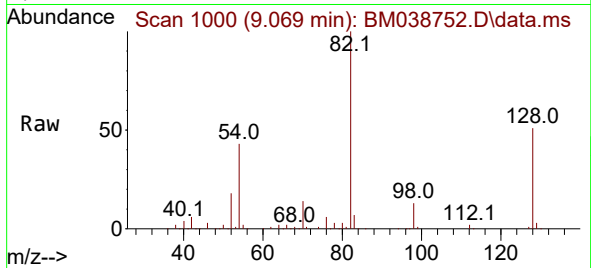




#23  
Nitrobenzene-d5  
Concen: 47.989 ng  
RT: 9.069 min Scan# 10  
Delta R.T. -0.012 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

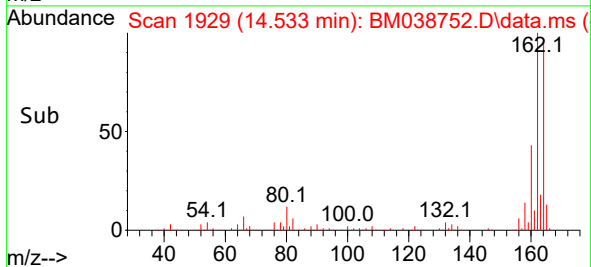
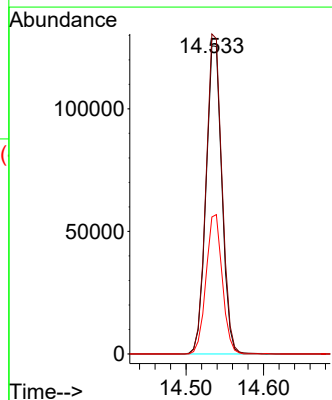
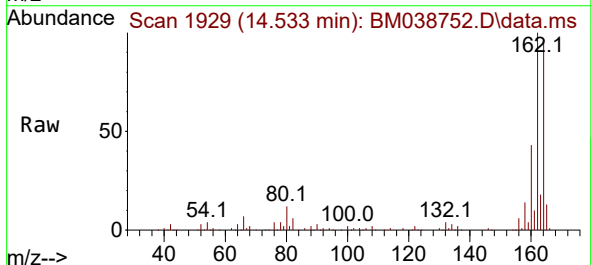
Instrument :  
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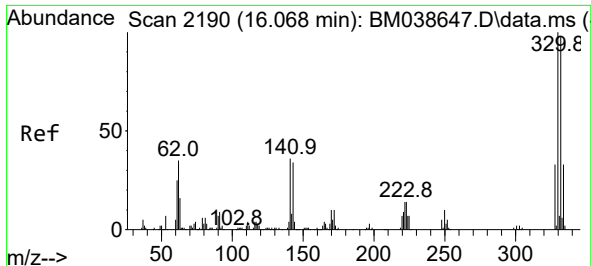
Tgt Ion: 82 Resp: 224165  
Ion Ratio Lower Upper  
82 100  
128 50.9 36.0 54.0  
54 42.7 36.8 55.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.533 min Scan# 1929  
Delta R.T. -0.012 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

Tgt Ion: 164 Resp: 178704  
Ion Ratio Lower Upper  
164 100  
162 103.8 81.4 122.0  
160 44.5 36.5 54.7





#42

2,4,6-Tribromophenol

Concen: 78.990 ng

RT: 16.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038752.D

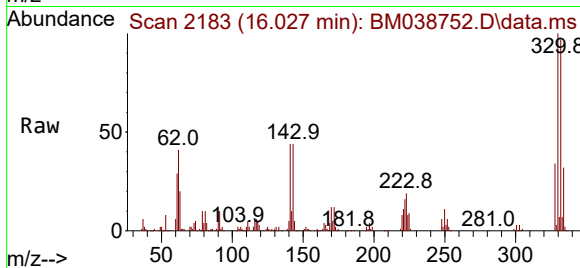
Acq: 15 Feb 2023 17:37

Instrument :

BNA\_M

ClientSampleId :

COMP-8



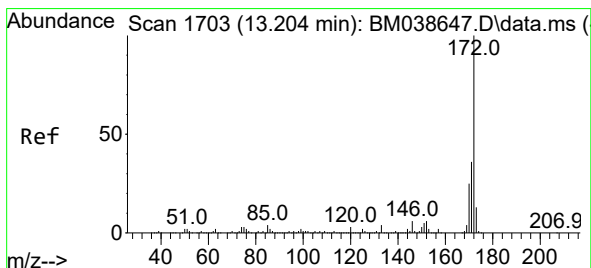
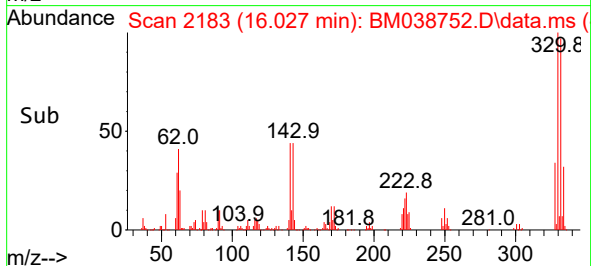
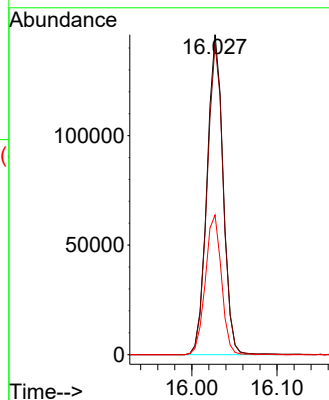
Tgt Ion:330 Resp: 191866

Ion Ratio Lower Upper

330 100

332 97.1 77.8 116.6

141 43.5 31.0 46.6



#45

2-Fluorobiphenyl

Concen: 46.125 ng

RT: 13.163 min Scan# 1696

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

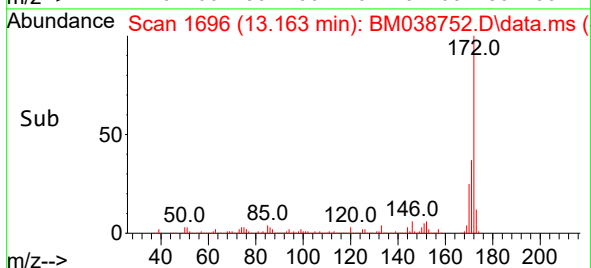
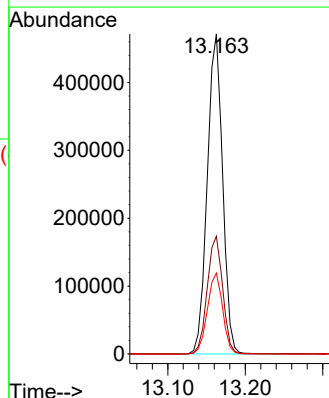
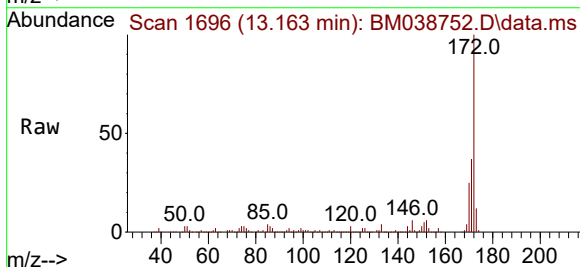
Tgt Ion:172 Resp: 647455

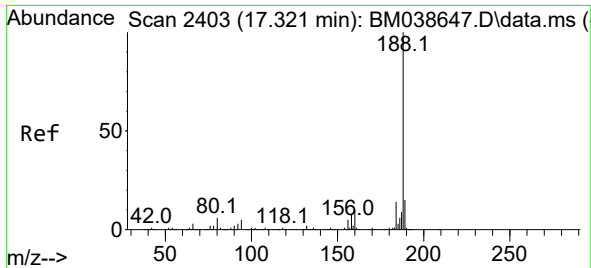
Ion Ratio Lower Upper

172 100

171 36.8 28.7 43.1

170 25.2 20.0 30.0

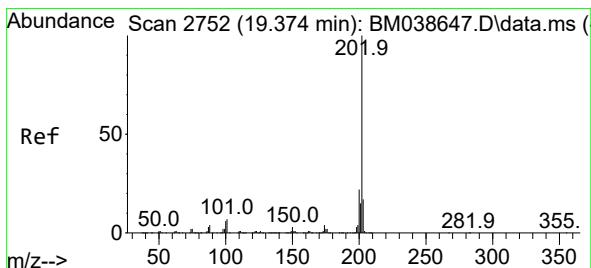
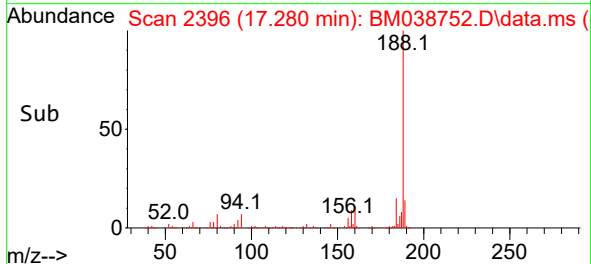
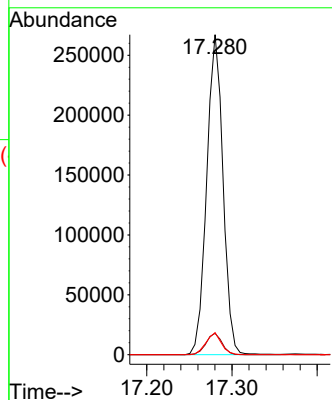
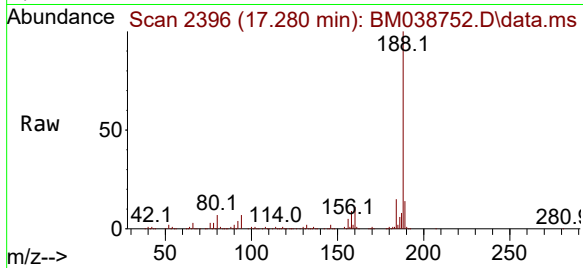




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.280 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

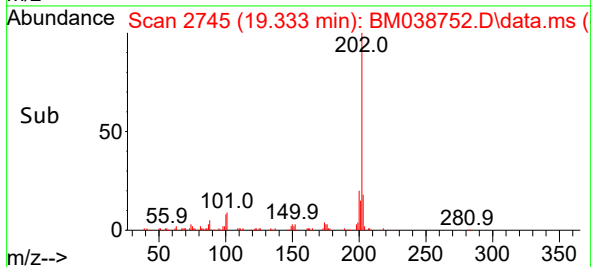
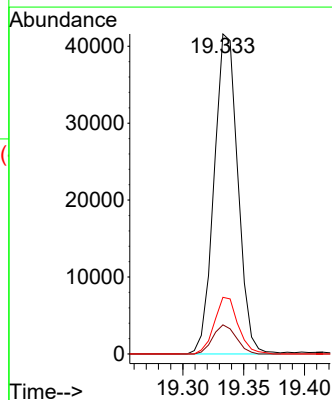
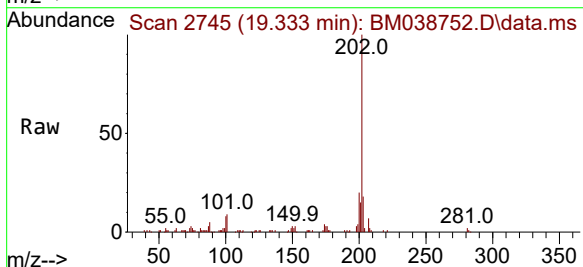
Instrument :  
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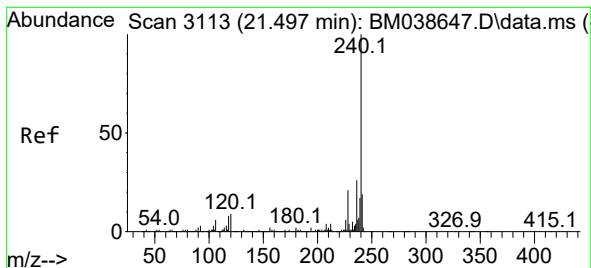
Tgt Ion:188 Resp: 354991  
Ion Ratio Lower Upper  
188 100  
94 6.6 4.2 6.4#  
80 6.9 4.6 7.0



#75  
Fluoranthene  
Concen: 2.547 ng  
RT: 19.333 min Scan# 2745  
Delta R.T. -0.006 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

Tgt Ion:202 Resp: 56372  
Ion Ratio Lower Upper  
202 100  
101 9.1 0.0 27.4  
203 17.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.456 min Scan# 3113

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

Instrument :

BNA\_M

ClientSampleId :

COMP-8

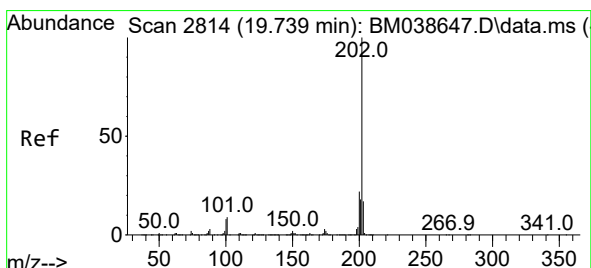
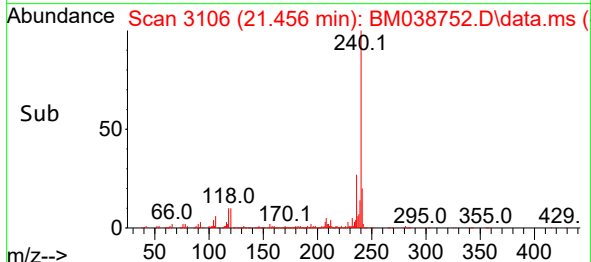
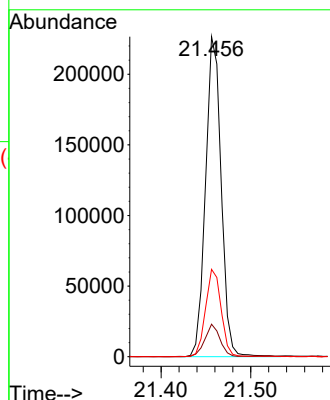
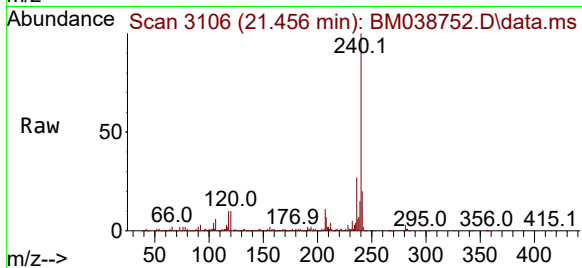
Tgt Ion:240 Resp: 274471

Ion Ratio Lower Upper

240 100

120 10.2 7.0 10.4

236 27.3 20.9 31.3



#78

Pyrene

Concen: 2.391 ng

RT: 19.698 min Scan# 2807

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

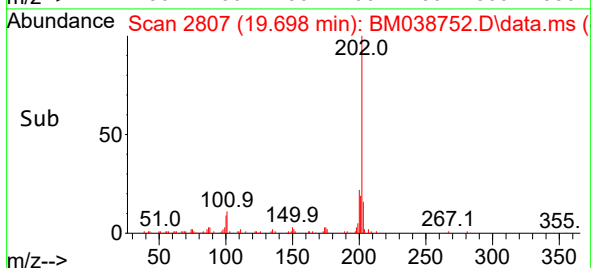
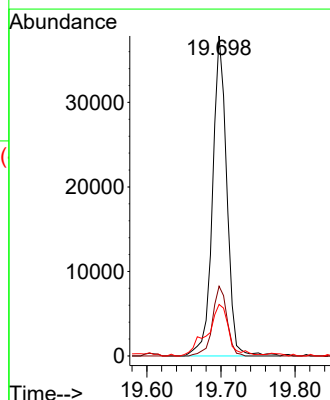
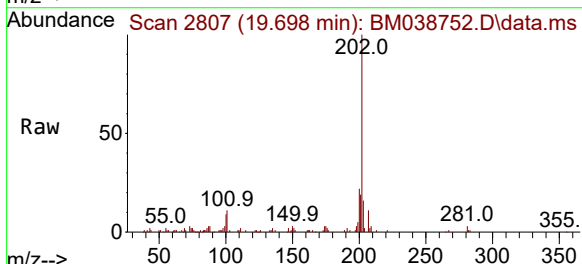
Tgt Ion:202 Resp: 50533

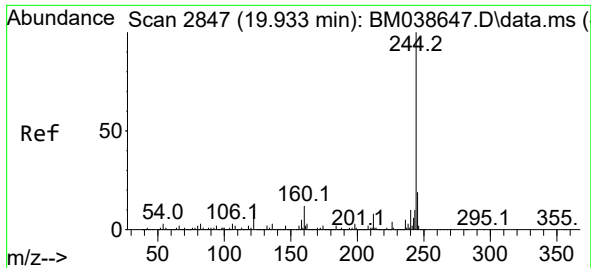
Ion Ratio Lower Upper

202 100

200 21.8 17.8 26.6

203 16.1 13.5 20.3

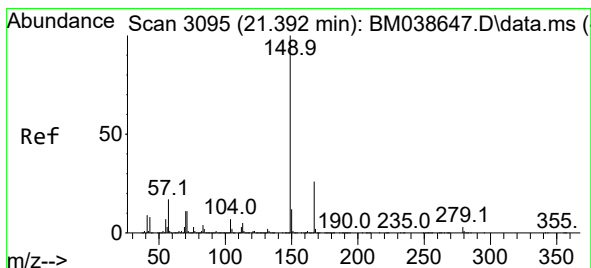
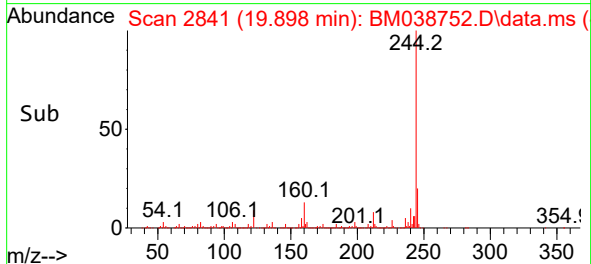
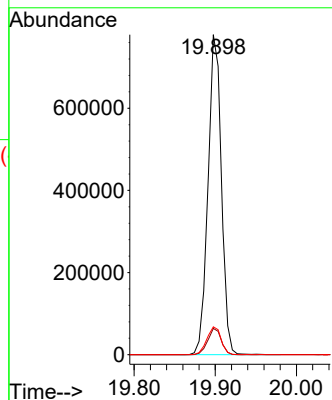
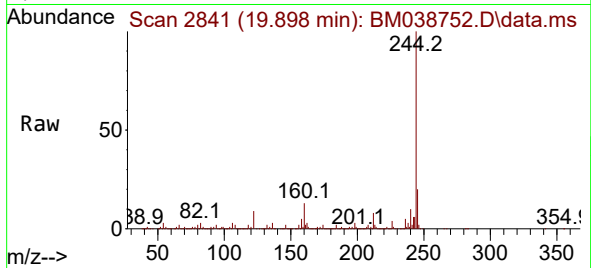




#79  
 Terphenyl-d14  
 Concen: 57.125 ng  
 RT: 19.898 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM038752.D  
 Acq: 15 Feb 2023 17:37

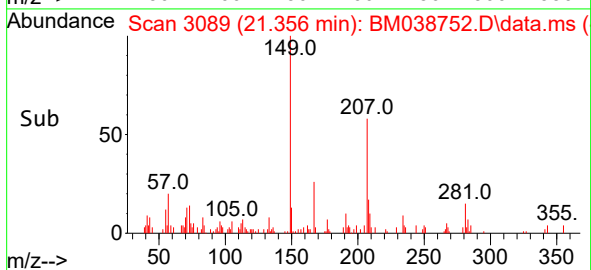
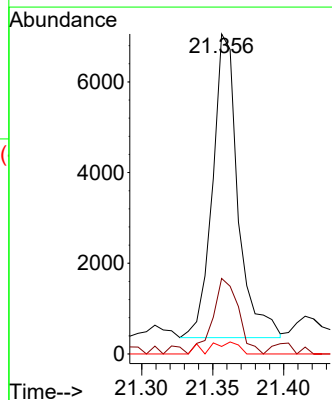
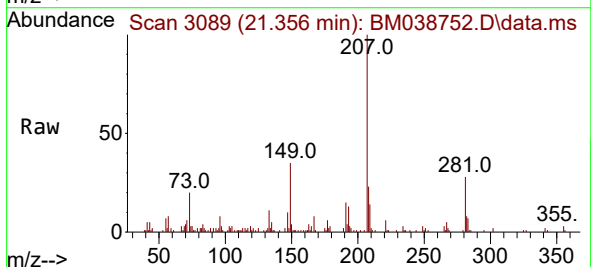
Instrument :  
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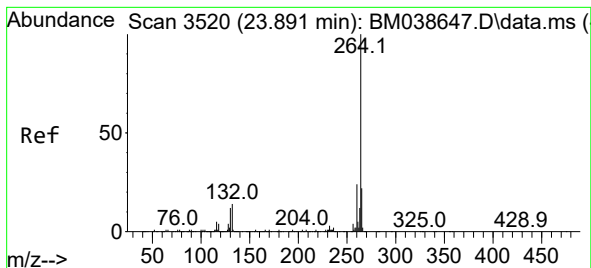
Tgt Ion:244 Resp: 888508  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.6 9.8  
 122 8.7 7.8 11.8



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.023 ng  
 RT: 21.356 min Scan# 3089  
 Delta R.T. -0.006 min  
 Lab File: BM038752.D  
 Acq: 15 Feb 2023 17:37

Tgt Ion:149 Resp: 8329  
 Ion Ratio Lower Upper  
 149 100  
 167 23.6 20.8 31.2  
 279 2.3 2.5 3.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.838 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

Instrument :

BNA\_M

ClientSampleId :

COMP-8

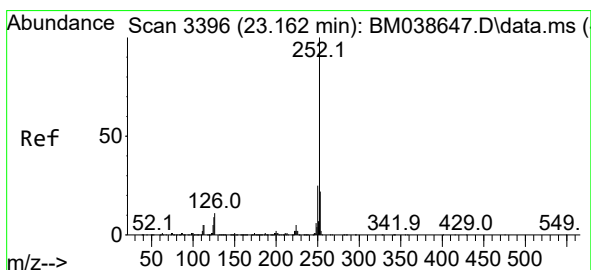
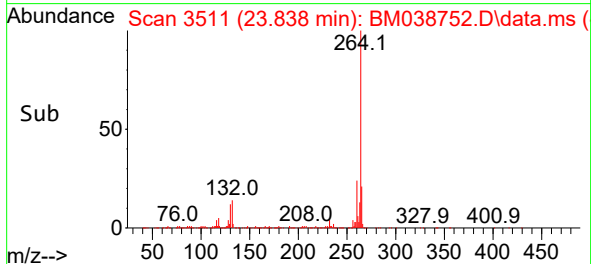
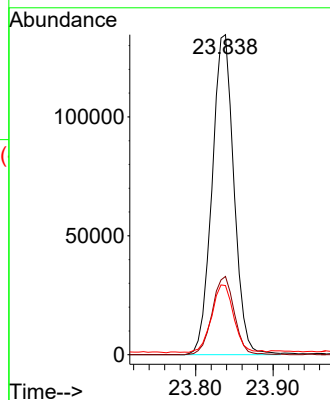
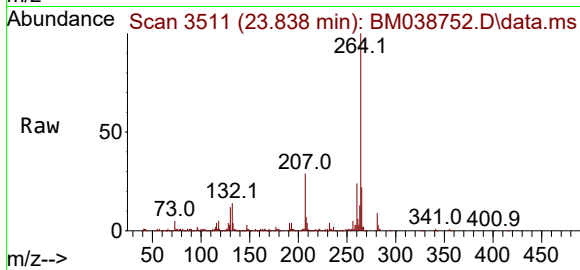
Tgt Ion:264 Resp: 263257

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.6 17.9 26.9



#88

Benzo(b)fluoranthene

Concen: 2.356 ng

RT: 23.109 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM038752.D

Acq: 15 Feb 2023 17:37

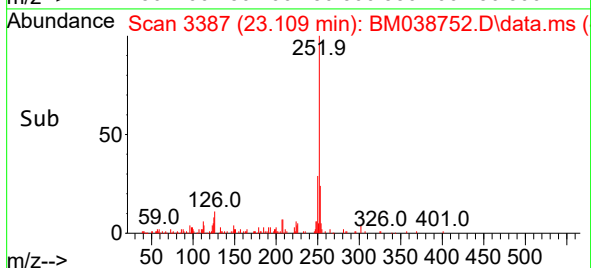
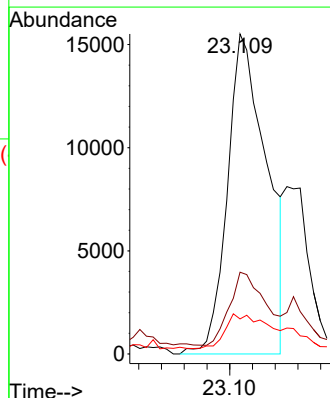
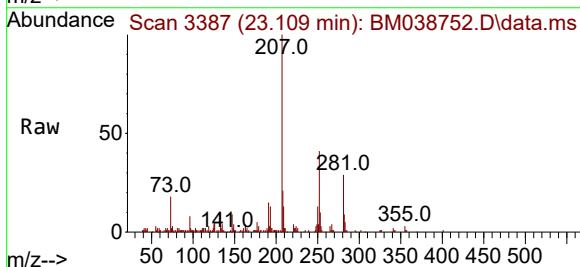
Tgt Ion:252 Resp: 37143

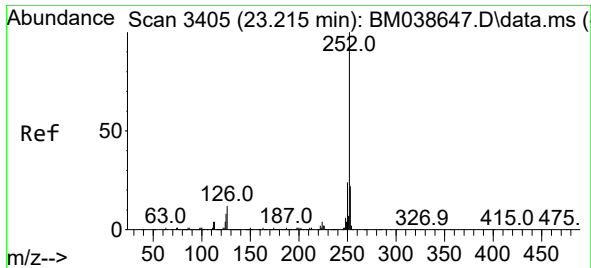
Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.2

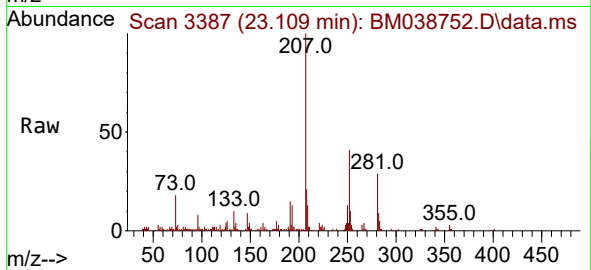
125 11.0 7.0 10.6#





#89  
Benzo(k)fluoranthene  
Concen: 2.320 ng  
RT: 23.109 min Scan# 31  
Delta R.T. -0.053 min  
Lab File: BM038752.D  
Acq: 15 Feb 2023 17:37

Instrument :  
BNA\_M  
ClientSampleId :  
COMP-8



Tgt Ion:252 Resp: 37143  
Ion Ratio Lower Upper  
252 100  
253 25.6 17.4 26.0  
125 11.0 6.6 9.8#

