

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081723\  
 Data File : BM041434.D  
 Acq On : 17 Aug 2023 12:57  
 Operator : MA/JU  
 Sample : 03992-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 EFF-WW

Quant Time: Aug 17 14:12:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM081623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 17 02:13:45 2023  
 Response via : Initial Calibration

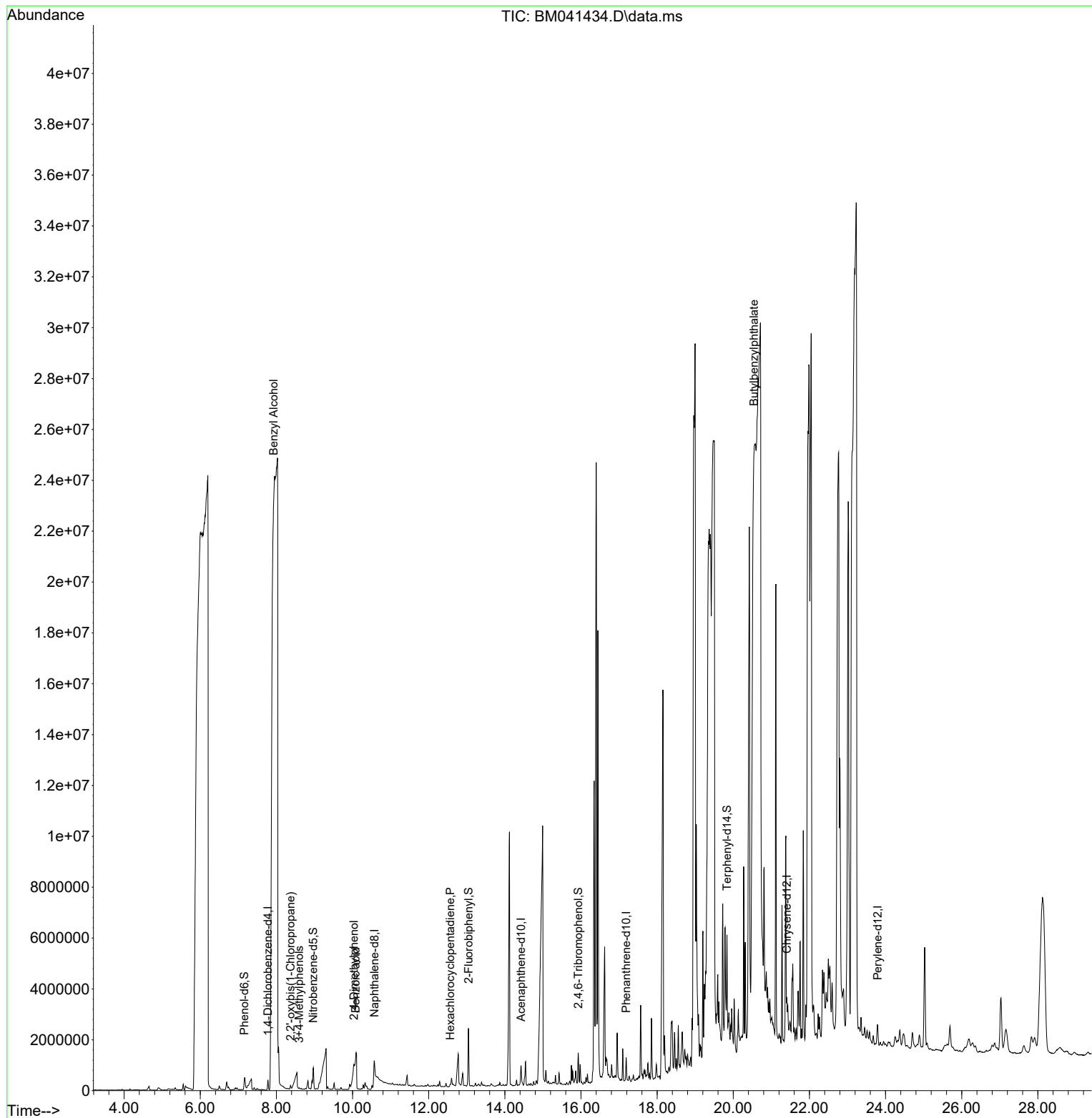
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 101565   | 20.000 | ng    | 0.01     |
| 21) Naphthalene-d8            | 10.575 | 136  | 364212   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.427 | 164  | 219756   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.186 | 188  | 527154   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.409 | 240  | 512908   | 20.000 | ng    | # 0.02   |
| 86) Perylene-d12              | 23.791 | 264  | 595273   | 20.000 | ng    | 0.04     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.322  | 112  | 64       | 0.010  | ng    | -0.02    |
| 7) Phenol-d6                  | 7.157  | 99   | 228123   | 27.517 | ng    | 0.21     |
| 23) Nitrobenzene-d5           | 8.969  | 82   | 492646   | 64.569 | ng    | 0.02     |
| 42) 2,4,6-Tribromophenol      | 15.927 | 330  | 210675   | 60.410 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.045 | 172  | 1068269  | 65.141 | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.833 | 244  | 1747550  | 59.290 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 15) Benzyl Alcohol            | 7.928  | 79   | 119142   | 20.244 | ng    | # 39     |
| 16) 2,2'-oxybis(1-Chloropr... | 8.369  | 45   | 17787    | 2.314  | ng    | 71       |
| 20) 3+4-Methylphenols         | 8.598  | 107  | 26124    | 3.322  | ng    | 90       |
| 27) 2,4-Dimethylphenol        | 10.033 | 122  | 52262    | 9.757  | ng    | # 1      |
| 32) Benzoic acid              | 10.081 | 122  | 107293   | 24.941 | ng    | 99       |
| 41) Hexachlorocyclopentadiene | 12.569 | 237  | 1094     | 6.662  | ng    | # 1      |
| 80) Butylbenzylphthalate      | 20.545 | 149  | 96490    | 6.568  | ng    | # 88     |
| -----                         |        |      |          |        |       |          |

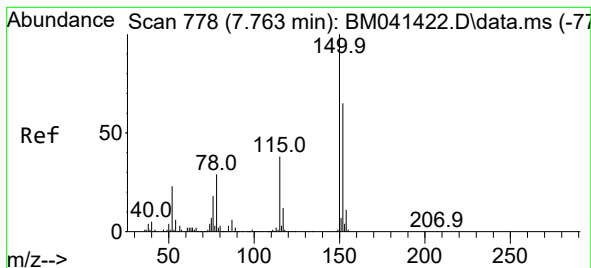
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081723\  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.775 min Scan# 71

Delta R.T. 0.012 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

Instrument :

BNA\_M

ClientSampleId :

EFF-WW

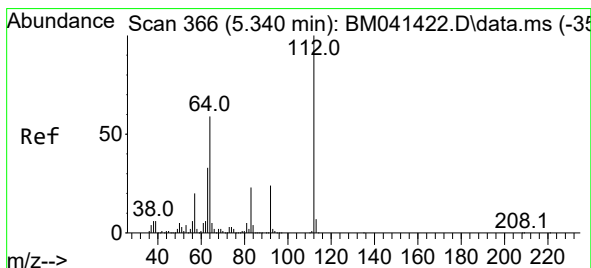
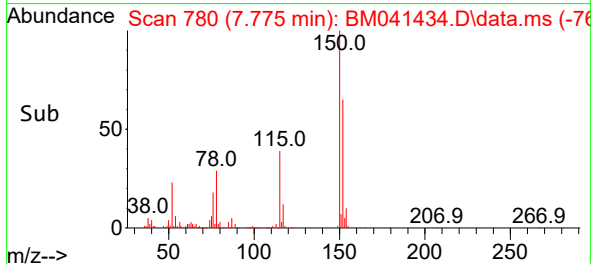
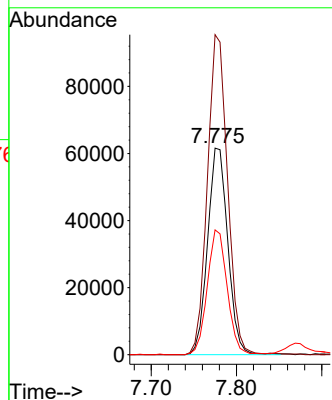
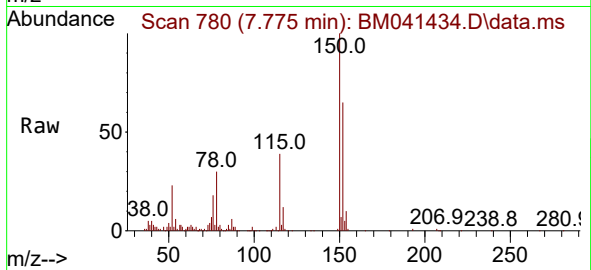
Tgt Ion:152 Resp: 101565

Ion Ratio Lower Upper

152 100

150 154.9 123.8 185.6

115 60.4 46.6 70.0



#5

2-Fluorophenol

Concen: 0.010 ng

RT: 5.322 min Scan# 363

Delta R.T. -0.018 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

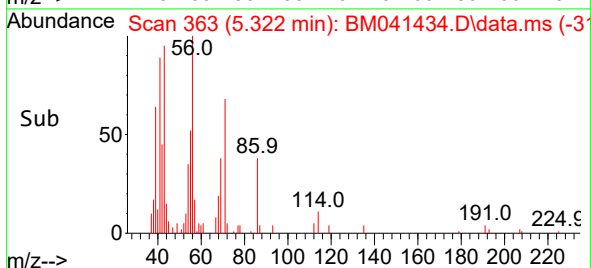
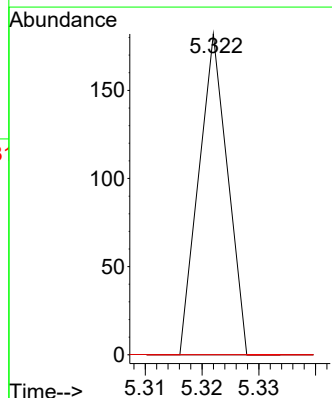
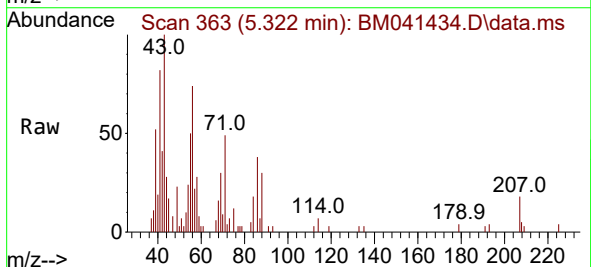
Tgt Ion:112 Resp: 64

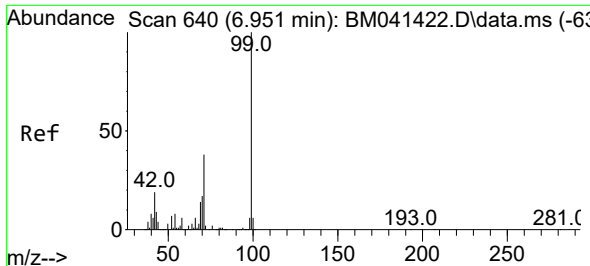
Ion Ratio Lower Upper

112 100

64 0.0 47.3 70.9#

63 0.0 26.5 39.7#

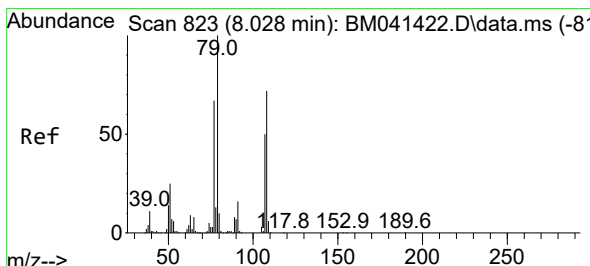
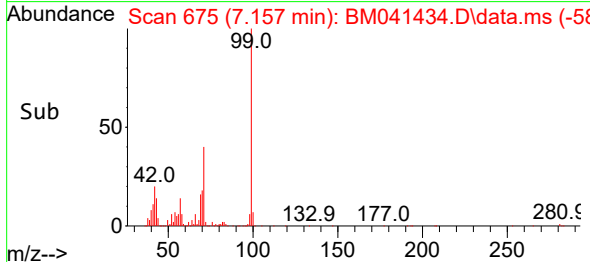
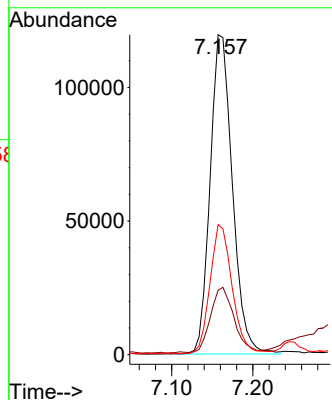
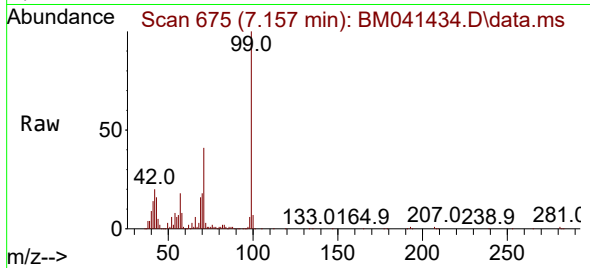




#7  
Phenol-d6  
Concen: 27.517 ng  
RT: 7.157 min Scan# 61  
Delta R.T. 0.206 min  
Lab File: BM041434.D  
Acq: 17 Aug 2023 12:57

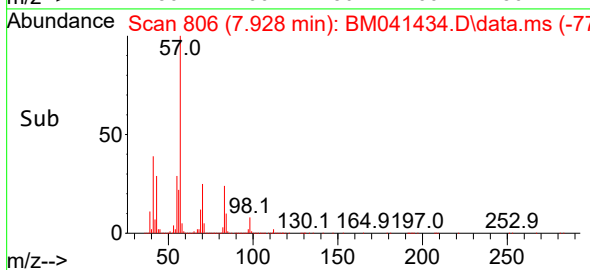
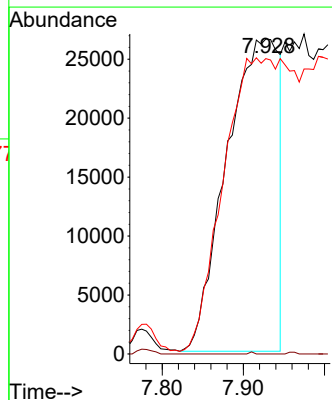
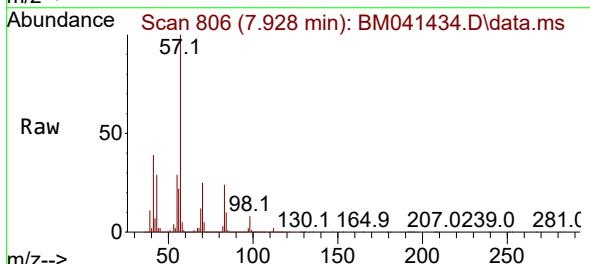
Instrument :  
BNA\_M  
ClientSampleId :  
EFF-WW

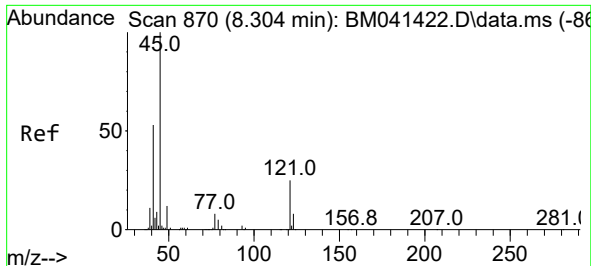
Tgt Ion: 99 Resp: 228123  
Ion Ratio Lower Upper  
99 100  
42 20.1 15.2 22.8  
71 40.6 30.7 46.1



#15  
Benzyl Alcohol  
Concen: 20.244 ng  
RT: 7.928 min Scan# 806  
Delta R.T. -0.100 min  
Lab File: BM041434.D  
Acq: 17 Aug 2023 12:57

Tgt Ion: 79 Resp: 119142  
Ion Ratio Lower Upper  
79 100  
108 0.0 57.8 86.8#  
77 93.8 53.4 80.2#

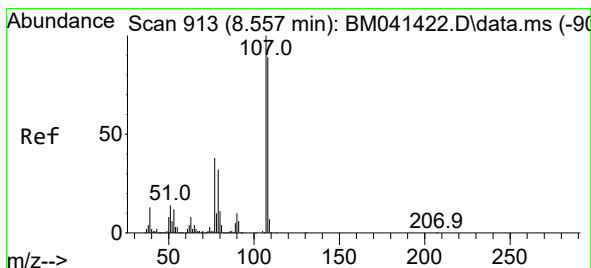
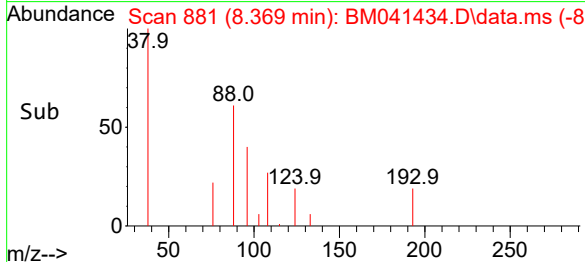
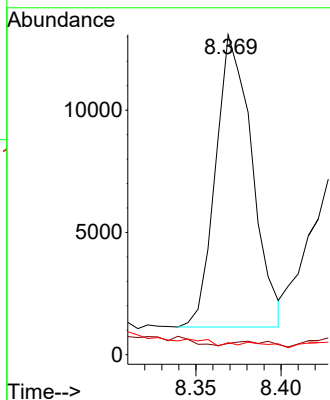
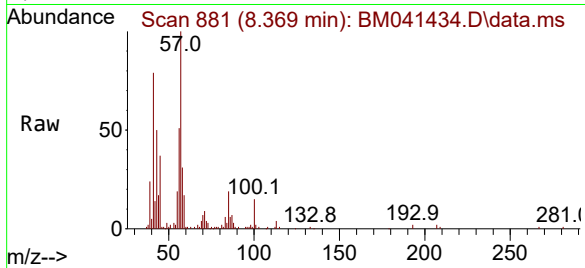




#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 2.314 ng  
RT: 8.369 min Scan# 81  
Delta R.T. 0.065 min  
Lab File: BM041434.D  
Acq: 17 Aug 2023 12:57

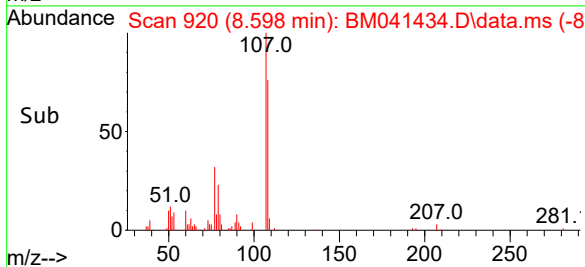
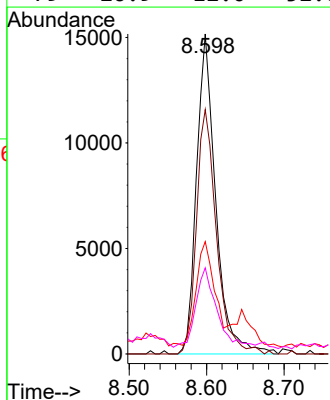
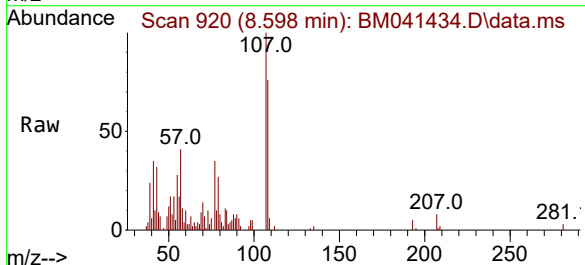
Instrument :  
BNA\_M  
ClientSampleId :  
EFF-WW

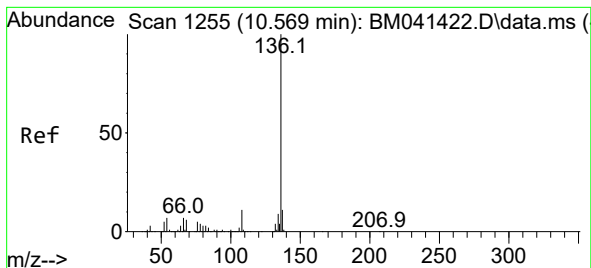
Tgt Ion: 45 Resp: 17787  
Ion Ratio Lower Upper  
45 100  
77 3.5 0.0 37.3  
79 3.7 0.0 33.8



#20  
3+4-Methylphenols  
Concen: 3.322 ng  
RT: 8.598 min Scan# 920  
Delta R.T. 0.041 min  
Lab File: BM041434.D  
Acq: 17 Aug 2023 12:57

Tgt Ion: 107 Resp: 26124  
Ion Ratio Lower Upper  
107 100  
108 76.3 68.7 108.7  
77 35.1 18.1 58.1  
79 26.9 12.0 52.0

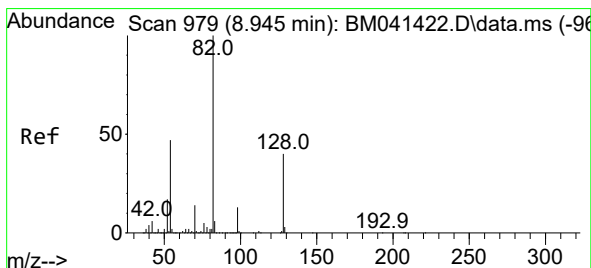
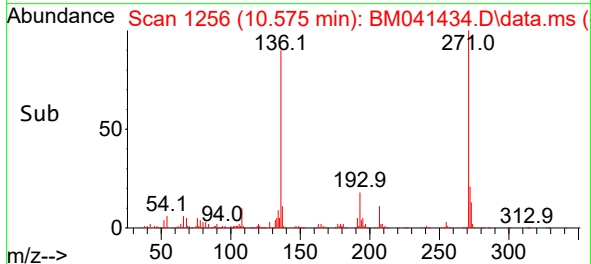
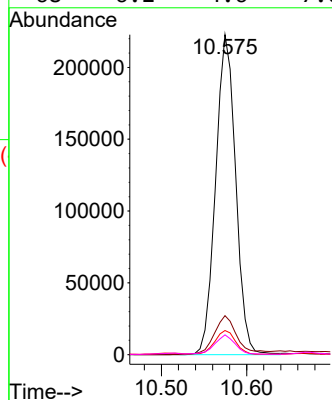
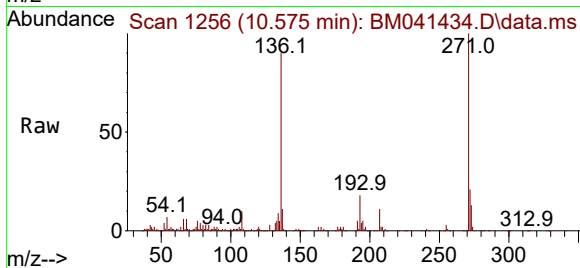




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.575 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BM041434.D  
Acq: 17 Aug 2023 12:57

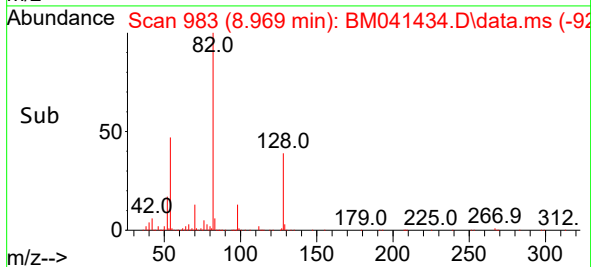
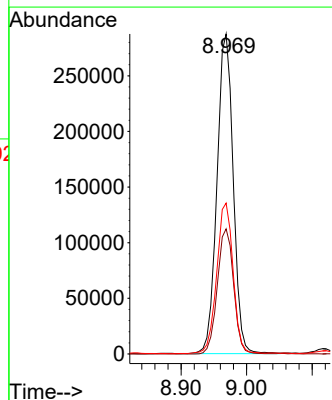
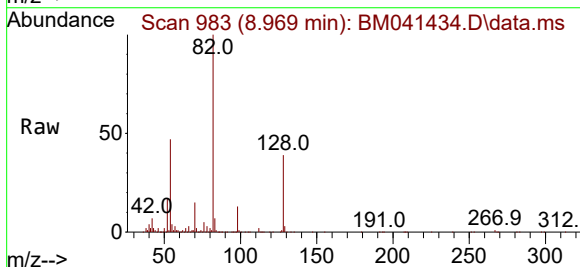
Instrument :  
BNA\_M  
ClientSampleId :  
EFF-WW

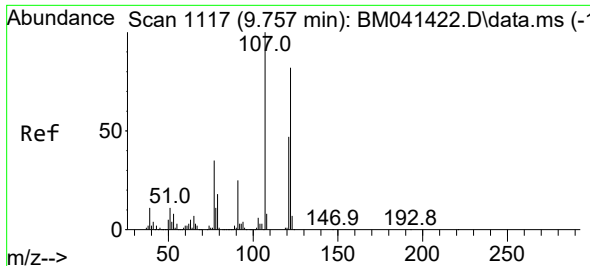
Tgt Ion:136 Resp: 364212  
Ion Ratio Lower Upper  
136 100  
137 12.2 8.6 13.0  
54 7.6 5.7 8.5  
68 6.2 4.6 7.0



#23  
Nitrobenzene-d5  
Concen: 64.569 ng  
RT: 8.969 min Scan# 983  
Delta R.T. 0.023 min  
Lab File: BM041434.D  
Acq: 17 Aug 2023 12:57

Tgt Ion: 82 Resp: 492646  
Ion Ratio Lower Upper  
82 100  
128 39.1 32.2 48.4  
54 47.2 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 9.757 ng

RT: 10.033 min Scan# 1117

Delta R.T. 0.276 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

Instrument :

BNA\_M

ClientSampleId :

EFF-WW

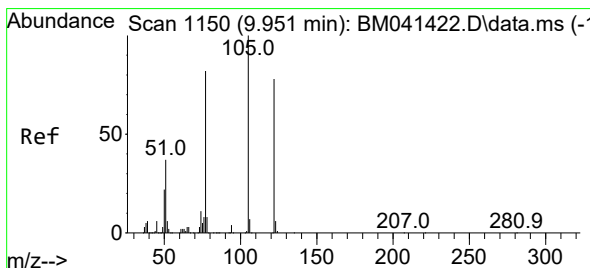
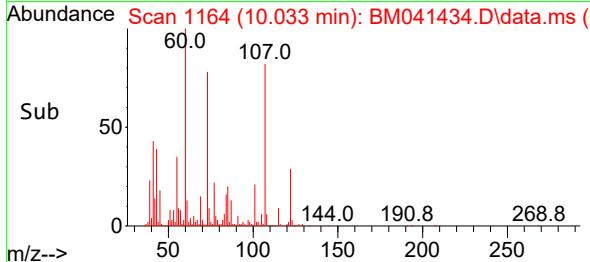
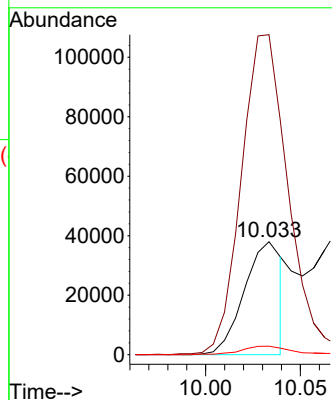
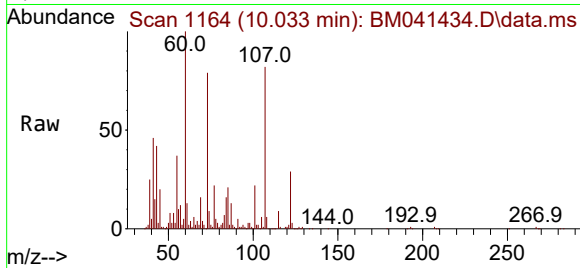
Tgt Ion:122 Resp: 52262

Ion Ratio Lower Upper

122 100

107 283.3 96.7 145.1#

121 7.5 45.5 68.3#



#32

Benzoic acid

Concen: 24.941 ng

RT: 10.081 min Scan# 1172

Delta R.T. 0.130 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

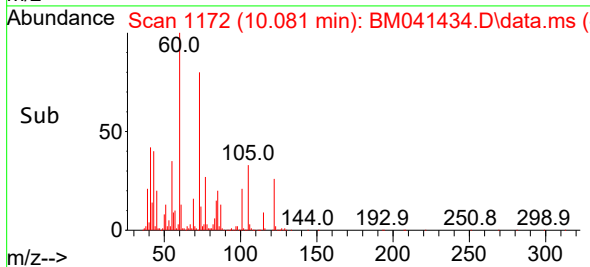
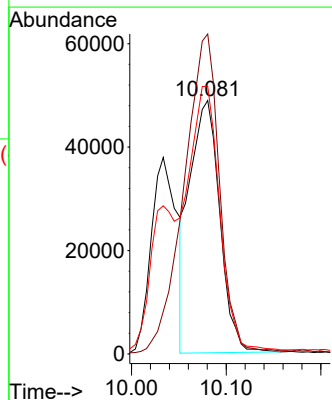
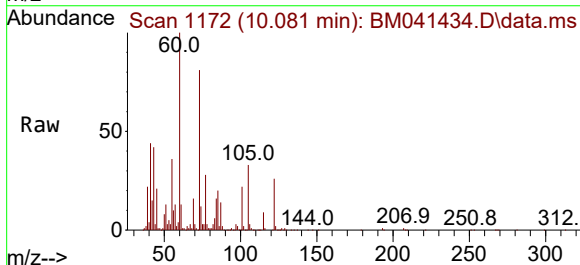
Tgt Ion:122 Resp: 107293

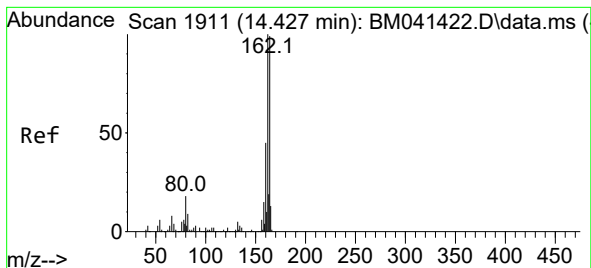
Ion Ratio Lower Upper

122 100

105 126.2 107.1 147.1

77 105.6 84.8 124.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1911

Delta R.T. -0.000 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

Instrument :

BNA\_M

ClientSampleId :

EFF-WW

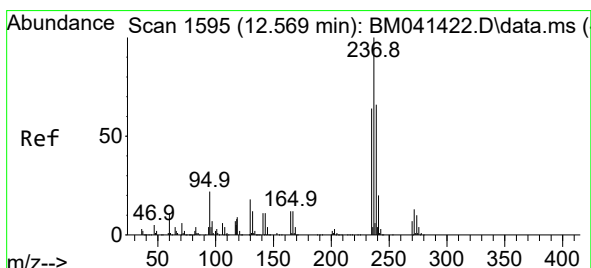
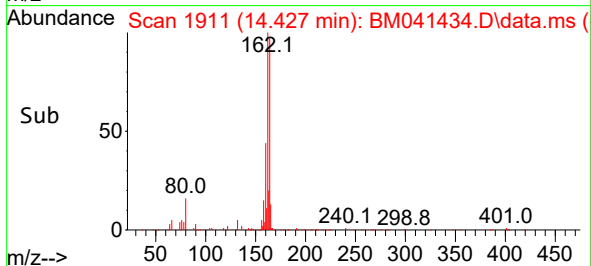
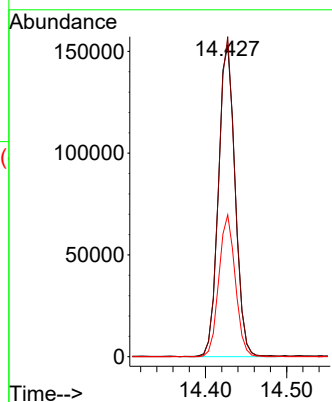
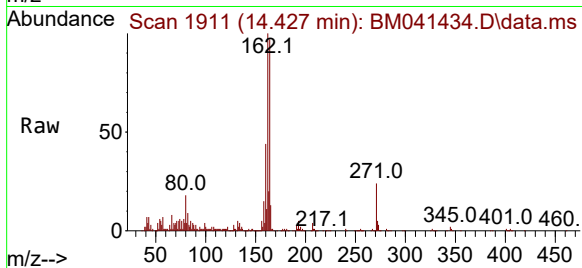
Tgt Ion:164 Resp: 219756

Ion Ratio Lower Upper

164 100

162 102.8 80.4 120.6

160 45.6 35.9 53.9



#41

Hexachlorocyclopentadiene

Concen: 6.662 ng

RT: 12.569 min Scan# 1595

Delta R.T. -0.000 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

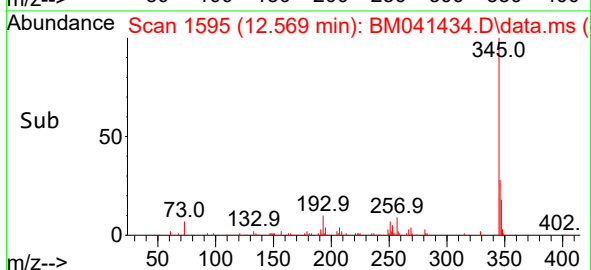
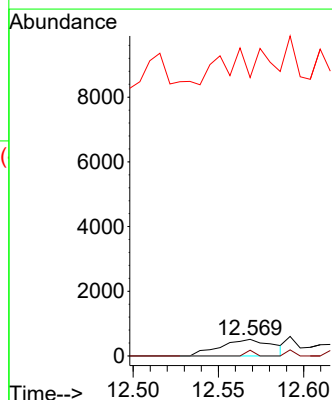
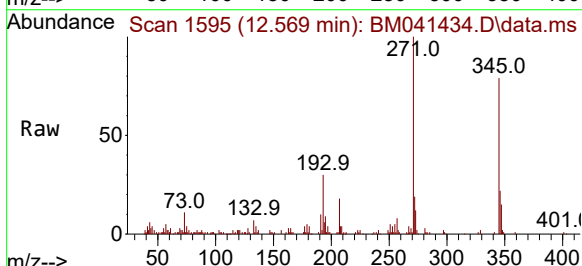
Tgt Ion:237 Resp: 1094

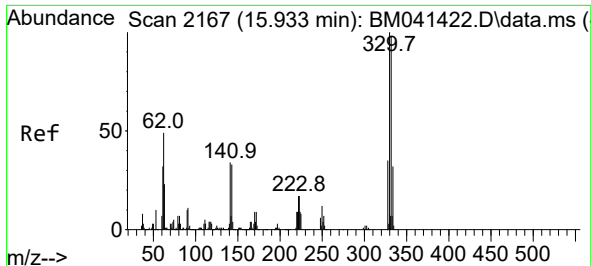
Ion Ratio Lower Upper

237 100

235 34.5 43.5 83.5#

272 1677.4 0.0 32.8#

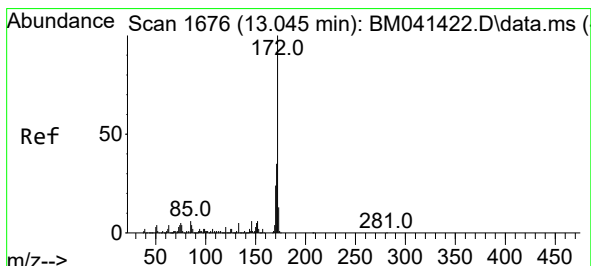
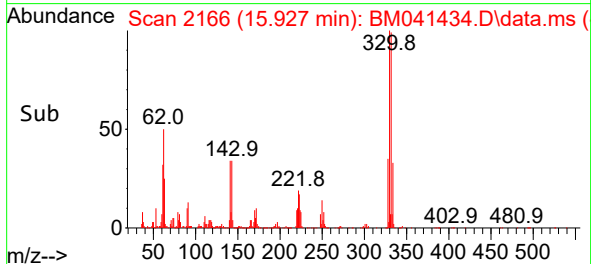
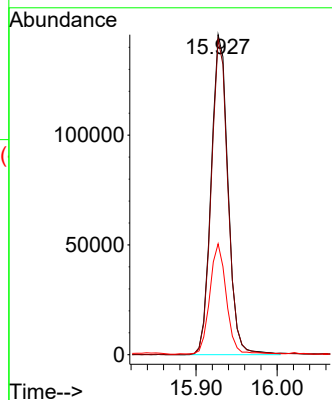
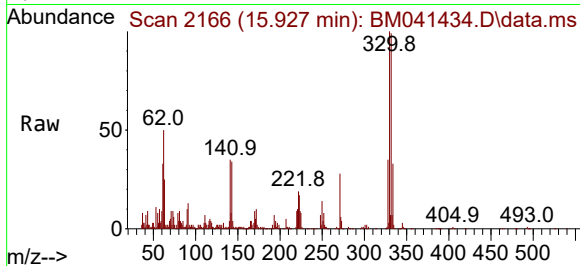




#42  
2,4,6-Tribromophenol  
Concen: 60.410 ng  
RT: 15.927 min Scan# 2167  
Delta R.T. -0.006 min  
Lab File: BM041434.D  
Acq: 17 Aug 2023 12:57

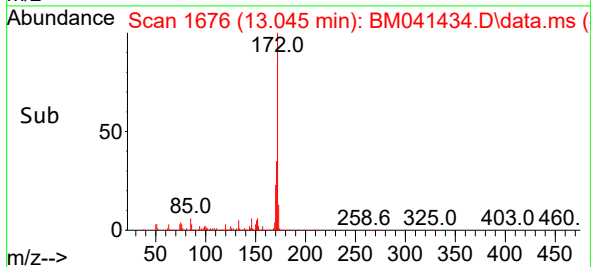
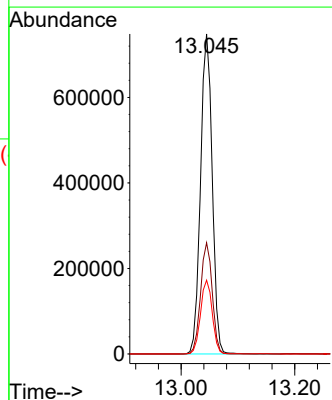
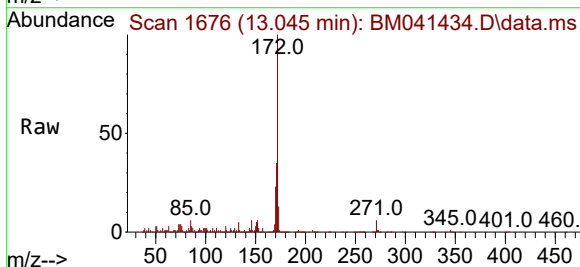
Instrument :  
BNA\_M  
ClientSampleId :  
EFF-WW

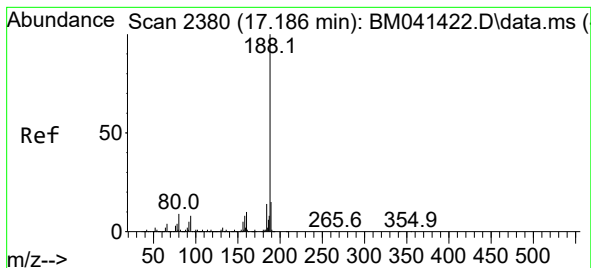
Tgt Ion:330 Resp: 210675  
Ion Ratio Lower Upper  
330 100  
332 97.7 78.0 117.0  
141 33.7 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 65.141 ng  
RT: 13.045 min Scan# 1676  
Delta R.T. -0.000 min  
Lab File: BM041434.D  
Acq: 17 Aug 2023 12:57

Tgt Ion:172 Resp: 1068269  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.3 42.5  
170 23.0 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.186 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

Instrument :

BNA\_M

ClientSampleId :

EFF-WW

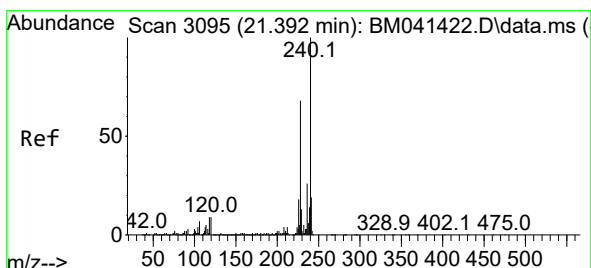
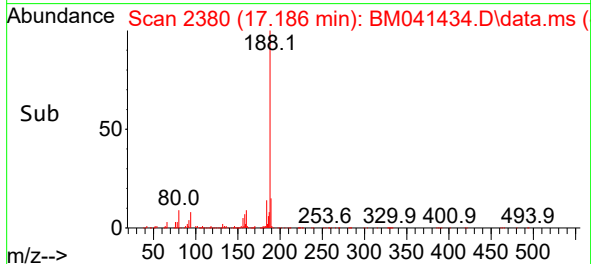
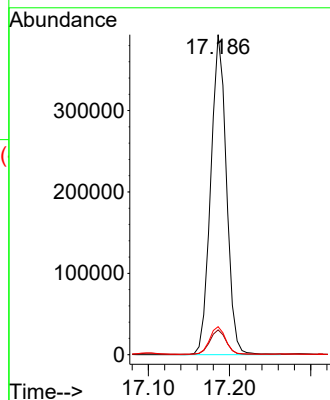
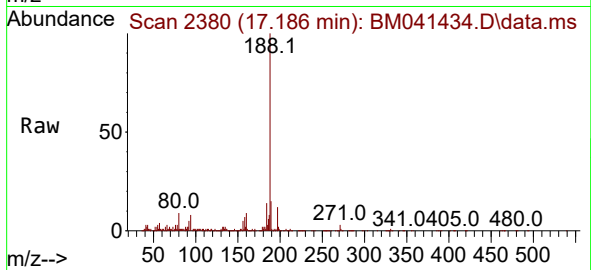
Tgt Ion:188 Resp: 527154

Ion Ratio Lower Upper

188 100

94 7.8 6.6 9.8

80 8.8 7.5 11.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.409 min Scan# 3098

Delta R.T. 0.018 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

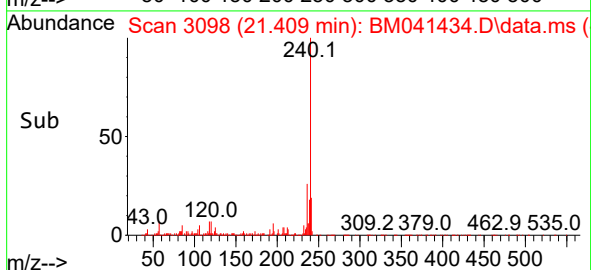
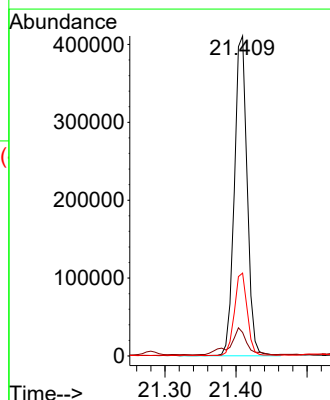
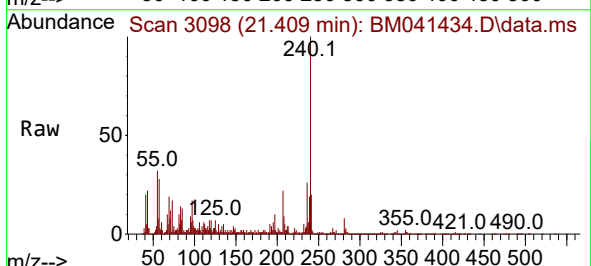
Tgt Ion:240 Resp: 512908

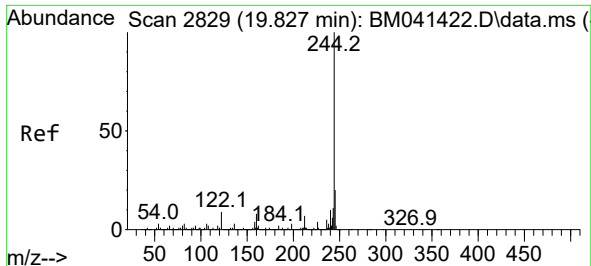
Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.2#

236 25.9 20.8 31.2

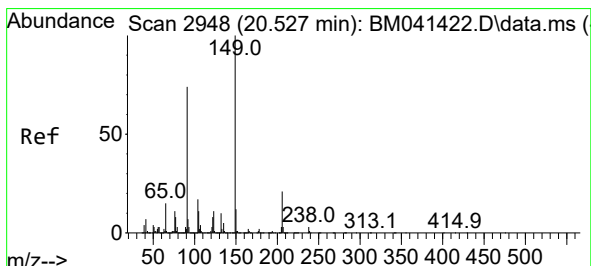
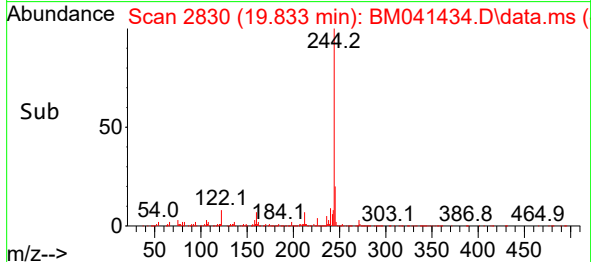
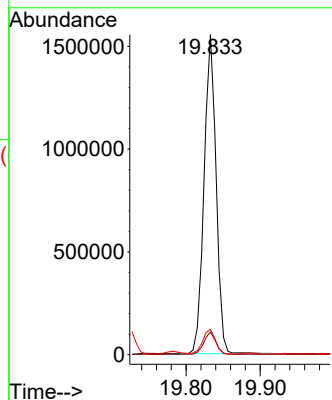
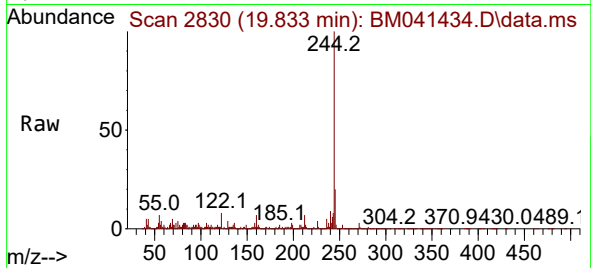




#79  
 Terphenyl-d14  
 Concen: 59.290 ng  
 RT: 19.833 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BM041434.D  
 Acq: 17 Aug 2023 12:57

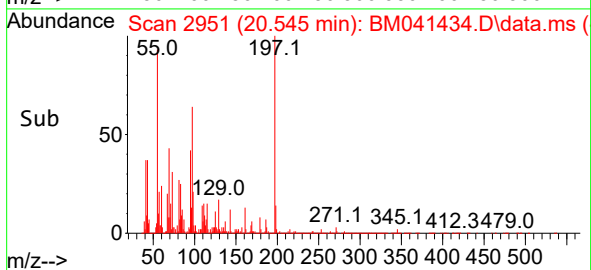
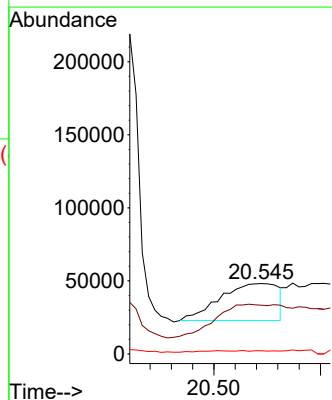
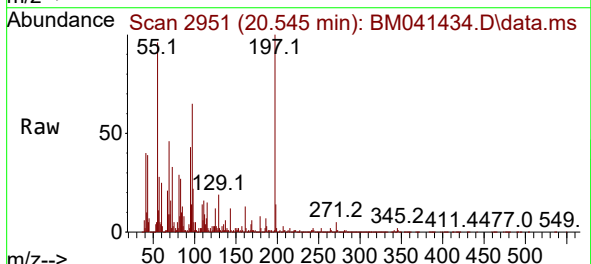
Instrument :  
 BNA\_M  
 ClientSampleId :  
 EFF-WW

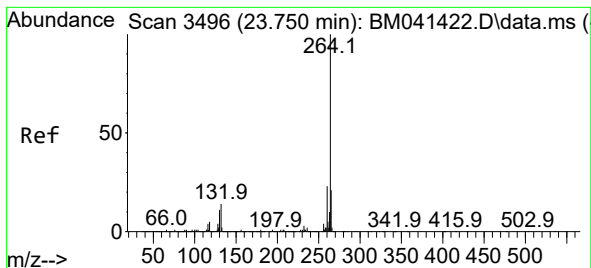
Tgt Ion:244 Resp: 1747550  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.9 8.9  
 122 7.9 6.9 10.3



#80  
 Butylbenzylphthalate  
 Concen: 6.568 ng  
 RT: 20.545 min Scan# 2951  
 Delta R.T. 0.018 min  
 Lab File: BM041434.D  
 Acq: 17 Aug 2023 12:57

Tgt Ion:149 Resp: 96490  
 Ion Ratio Lower Upper  
 149 100  
 91 69.4 59.3 88.9  
 206 4.5 17.0 25.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.791 min Scan# 3

Delta R.T. 0.041 min

Lab File: BM041434.D

Acq: 17 Aug 2023 12:57

Instrument :

BNA\_M

ClientSampleId :

EFF-WW

Tgt Ion:264 Resp: 595273

Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 24.5 17.5 26.3

