

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080123\  
 Data File : BM041230.D  
 Acq On : 01 Aug 2023 18:23  
 Operator : MA/JU  
 Sample : 03715-08  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 T842-FH-04-BW

Quant Time: Aug 02 01:56:02 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 31 16:29:28 2023  
 Response via : Initial Calibration

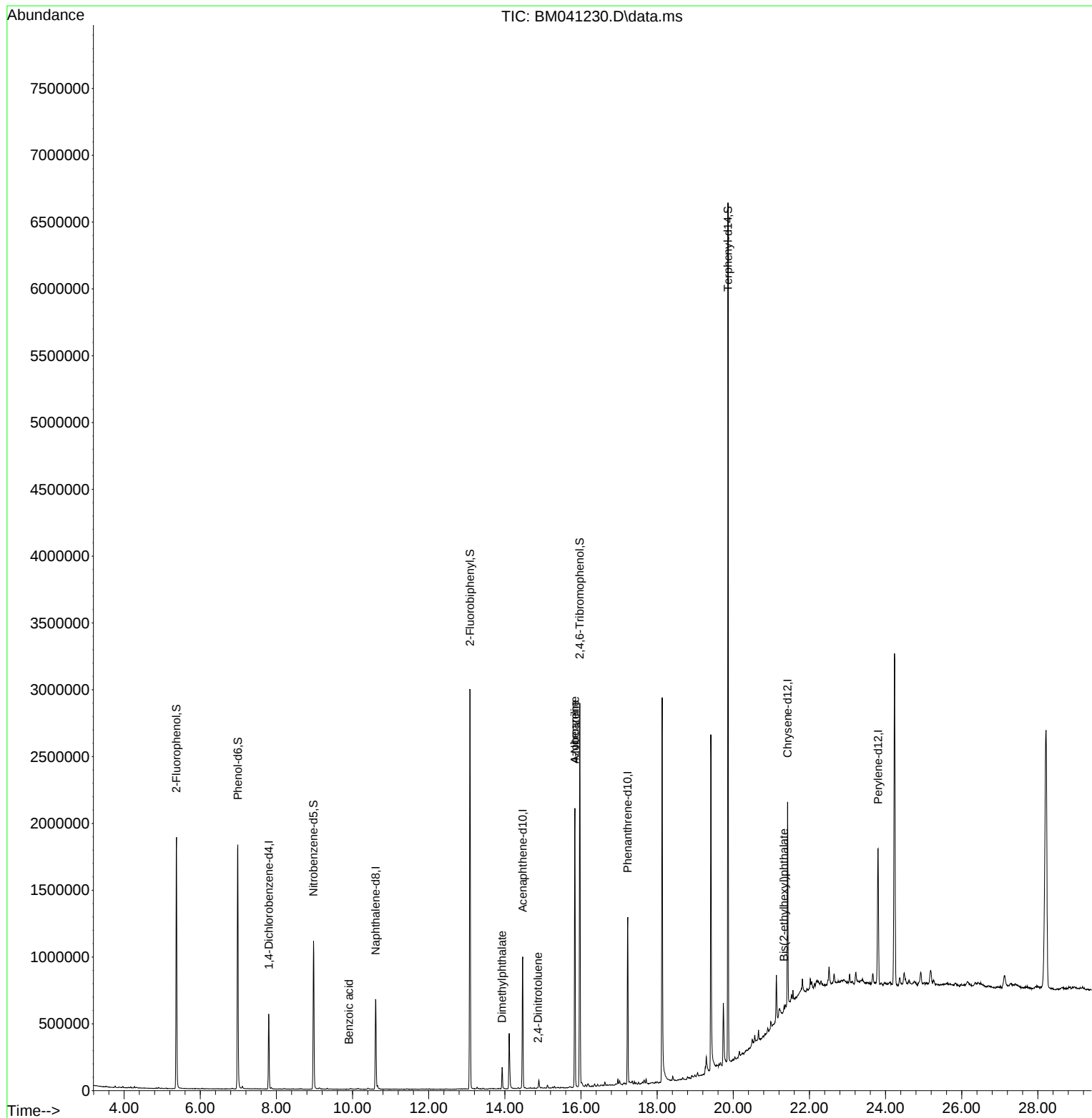
| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| Internal Standards            |        |      |          |         |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.798  | 152  | 143470   | 20.000  | ng     | 0.00     |
| 21) Naphthalene-d8            | 10.604 | 136  | 549599   | 20.000  | ng     | 0.00     |
| 39) Acenaphthene-d10          | 14.469 | 164  | 326244   | 20.000  | ng     | 0.00     |
| 64) Phenanthrene-d10          | 17.227 | 188  | 730605   | 20.000  | ng     | 0.00     |
| 76) Chrysene-d12              | 21.427 | 240  | 671457   | 20.000  | ng     | 0.00     |
| 86) Perylene-d12              | 23.803 | 264  | 754972   | 20.000  | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |         |        |          |
| 5) 2-Fluorophenol             | 5.375  | 112  | 778421   | 81.091  | ng     | 0.01     |
| 7) Phenol-d6                  | 6.987  | 99   | 1027008  | 82.537  | ng     | 0.01     |
| 23) Nitrobenzene-d5           | 8.975  | 82   | 643531   | 54.453  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.968 | 330  | 521885   | 113.096 | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.086 | 172  | 1528734  | 59.194  | ng     | 0.00     |
| 79) Terphenyl-d14             | 19.862 | 244  | 2841309  | 76.509  | ng     | 0.00     |
| Target Compounds              |        |      |          |         |        |          |
|                               |        |      |          |         | Qvalue |          |
| 32) Benzoic acid              | 9.904  | 122  | 281      | 7.194   | ng     | # 9      |
| 50) Dimethylphthalate         | 13.927 | 163  | 100920   | 4.112   | ng     | 99       |
| 57) 2,4-Dinitrotoluene        | 14.869 | 165  | 56       | 2.678   | ng     | # 8      |
| 62) 4-Nitroaniline            | 15.839 | 138  | 279      | 4.195   | ng     | # 51     |
| 63) Azobenzene                | 15.839 | 77   | 599514   | 23.062  | ng     | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 21.333 | 149  | 14352    | 3.038   | ng     | # 90     |
| -----                         |        |      |          |         |        |          |

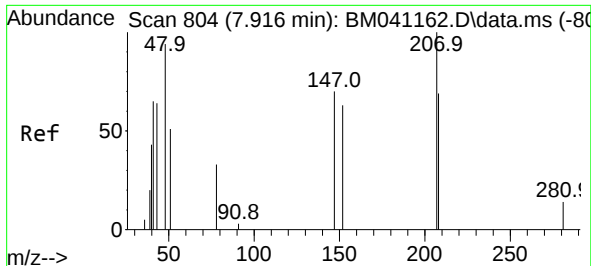
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080123\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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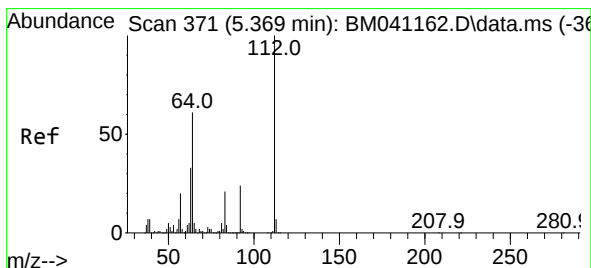
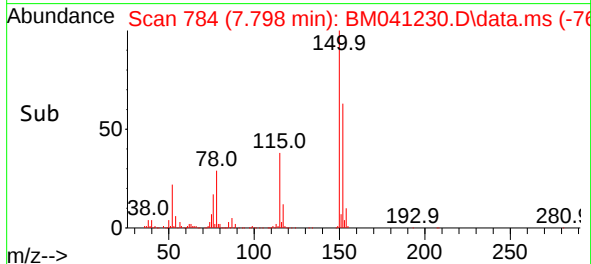
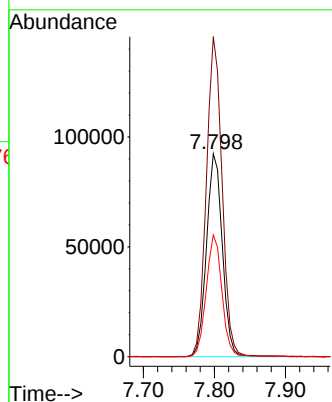
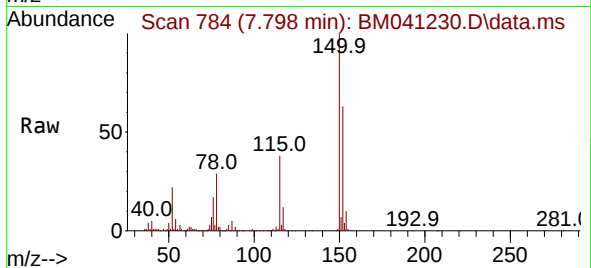




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.798 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

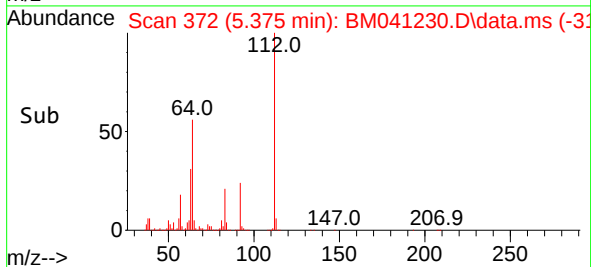
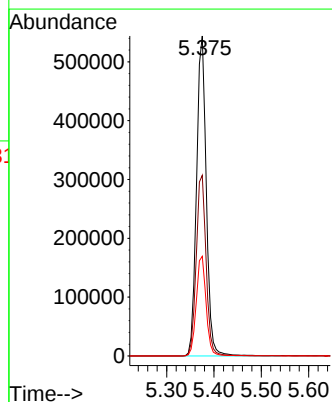
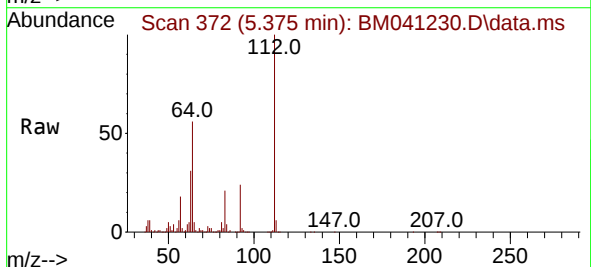
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BNA\_M  
ClientSampleId :  
T842-FH-04-BW

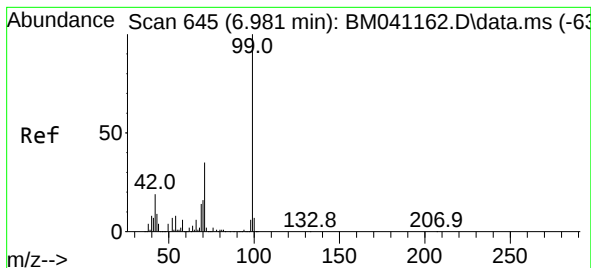
Tgt Ion:152 Resp: 143470  
Ion Ratio Lower Upper  
152 100  
150 157.7 125.5 188.3  
115 60.0 48.0 72.0



#5  
2-Fluorophenol  
Concen: 81.091 ng  
RT: 5.375 min Scan# 372  
Delta R.T. 0.012 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

Tgt Ion:112 Resp: 778421  
Ion Ratio Lower Upper  
112 100  
64 56.5 48.5 72.7  
63 31.1 26.5 39.7





#7

Phenol-d6

Concen: 82.537 ng

RT: 6.987 min Scan# 64

Delta R.T. 0.012 min

Lab File: BM041230.D

Acq: 01 Aug 2023 18:23

Instrument :

BNA\_M

ClientSampleId :

T842-FH-04-BW

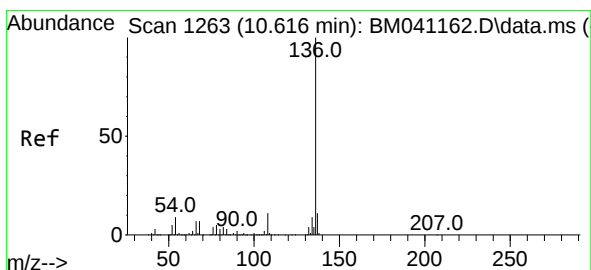
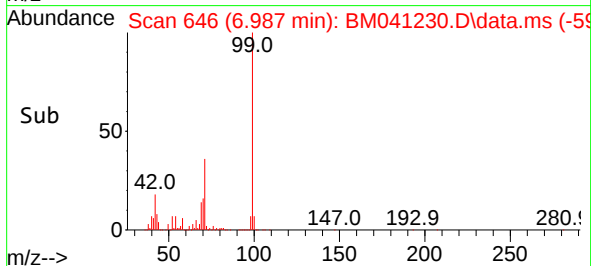
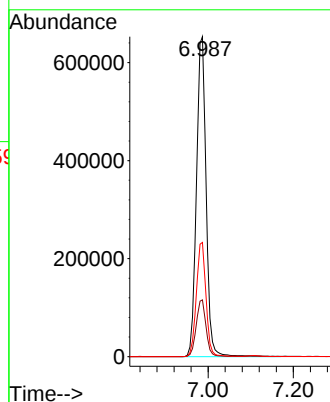
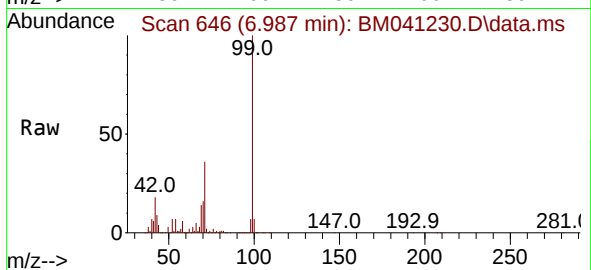
Tgt Ion: 99 Resp: 1027008

Ion Ratio Lower Upper

99 100

42 17.7 15.4 23.0

71 35.7 28.2 42.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1261

Delta R.T. 0.000 min

Lab File: BM041230.D

Acq: 01 Aug 2023 18:23

Tgt Ion: 136 Resp: 549599

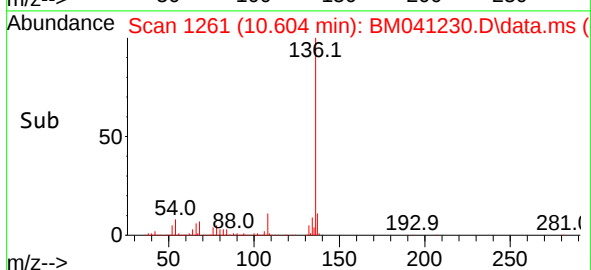
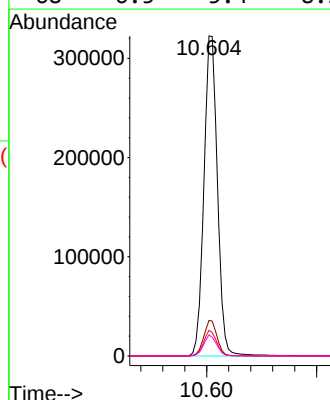
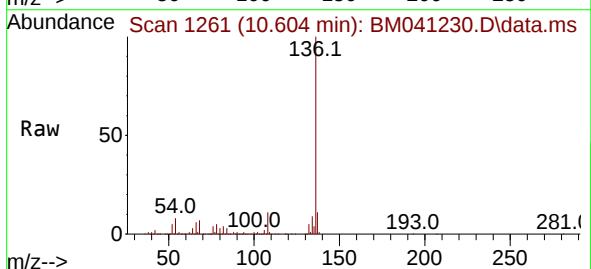
Ion Ratio Lower Upper

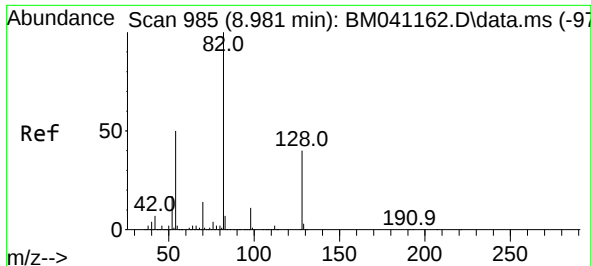
136 100

137 11.1 8.8 13.2

54 8.0 6.9 10.3

68 6.5 5.4 8.2

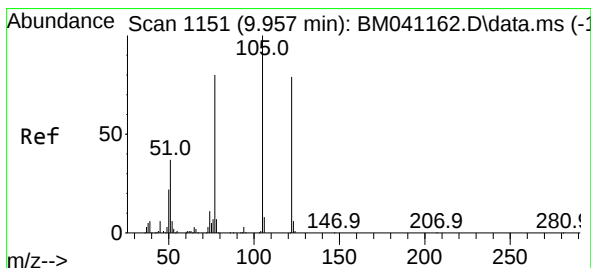
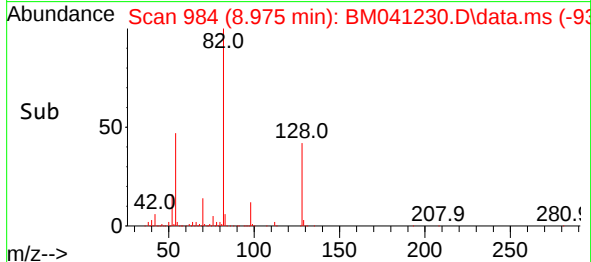
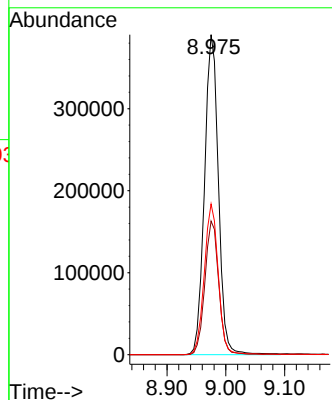
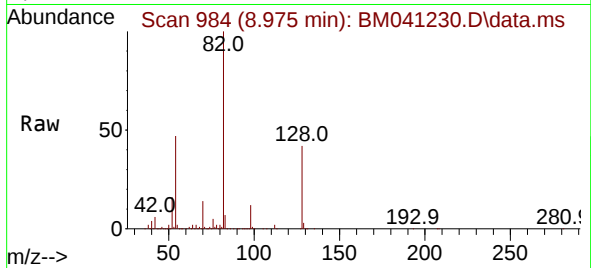




#23  
Nitrobenzene-d5  
Concen: 54.453 ng  
RT: 8.975 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

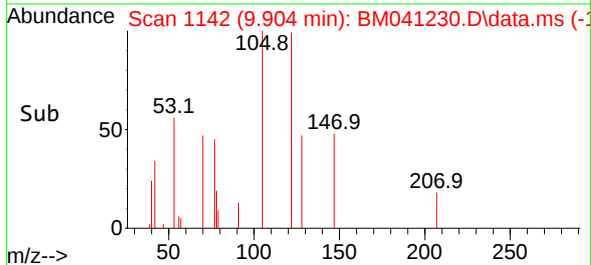
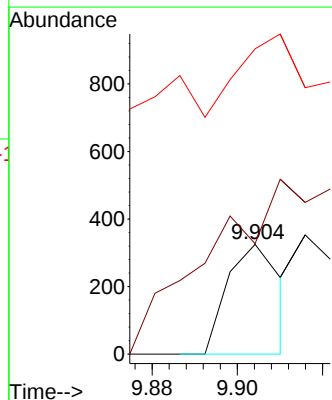
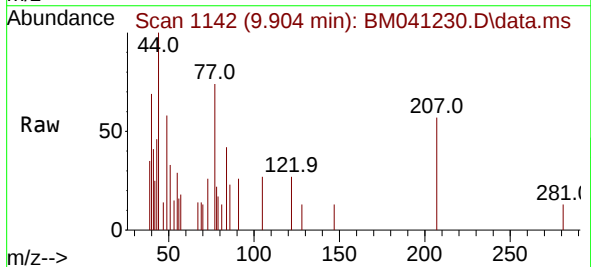
Instrument :  
BNA\_M  
ClientSampleId :  
T842-FH-04-BW

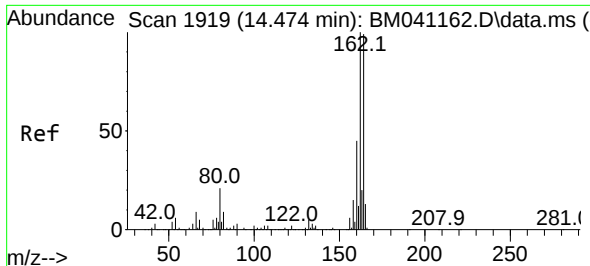
Tgt Ion: 82 Resp: 643531  
Ion Ratio Lower Upper  
82 100  
128 41.8 31.8 47.6  
54 47.1 40.1 60.1



#32  
Benzoic acid  
Concen: 7.194 ng  
RT: 9.904 min Scan# 1142  
Delta R.T. -0.041 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

Tgt Ion: 122 Resp: 281  
Ion Ratio Lower Upper  
122 100  
105 100.6 104.0 144.0#  
77 278.2 79.9 119.9#

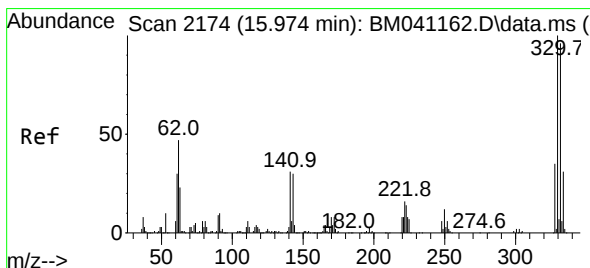
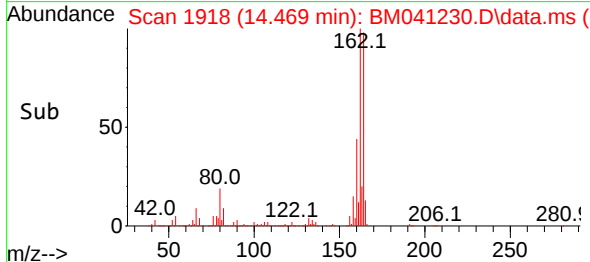
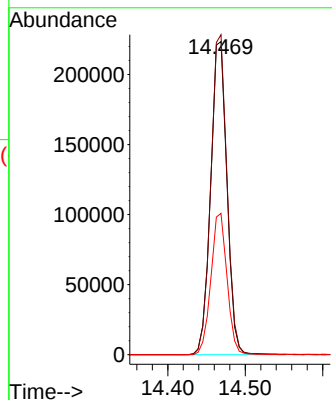
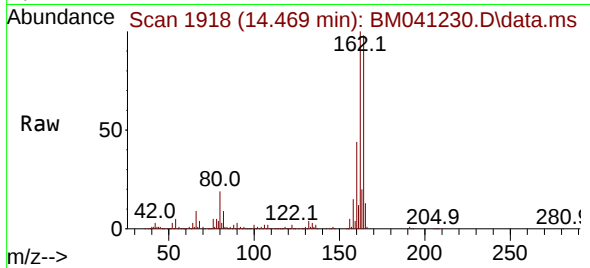




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.469 min Scan# 1918  
Delta R.T. 0.006 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

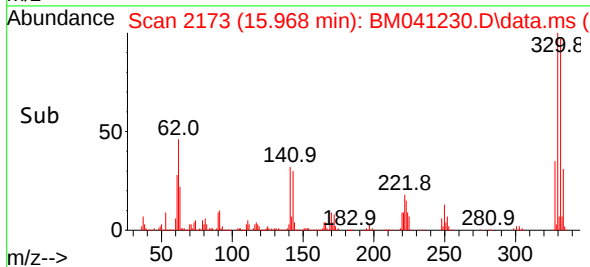
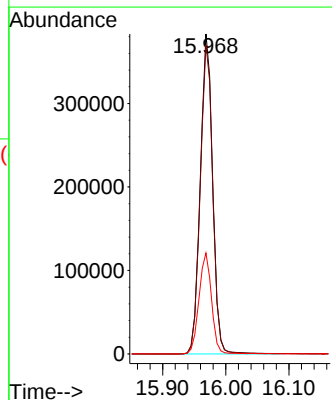
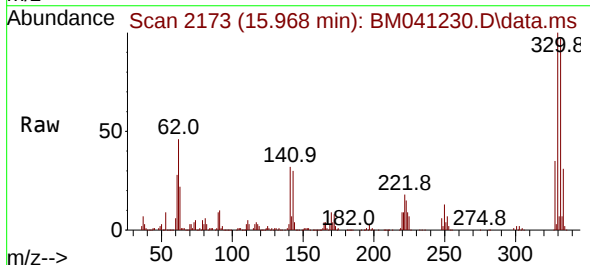
Instrument :  
BNA\_M  
ClientSampleId :  
T842-FH-04-BW

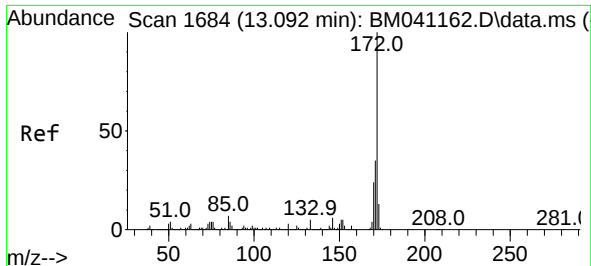
Tgt Ion:164 Resp: 326244  
Ion Ratio Lower Upper  
164 100  
162 102.2 80.4 120.6  
160 45.1 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 113.096 ng  
RT: 15.968 min Scan# 2173  
Delta R.T. 0.006 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

Tgt Ion:330 Resp: 521885  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.7 116.5  
141 32.1 28.3 42.5

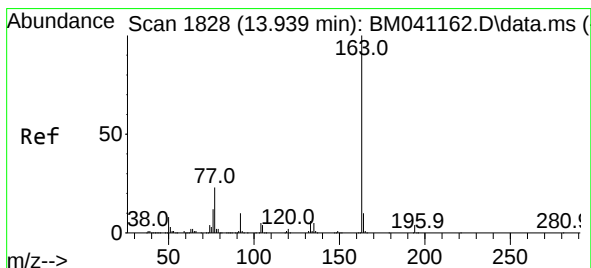
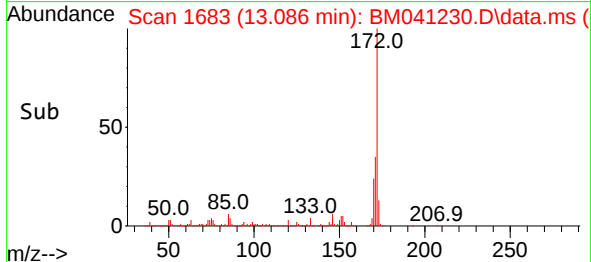
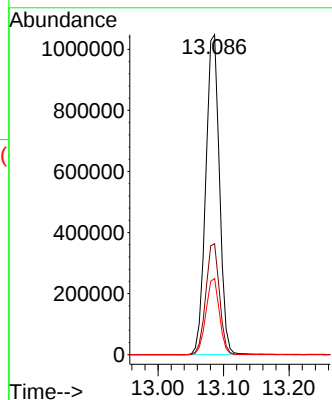
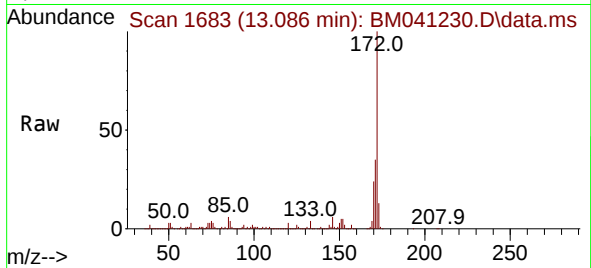




#45  
2-Fluorobiphenyl  
Concen: 59.194 ng  
RT: 13.086 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

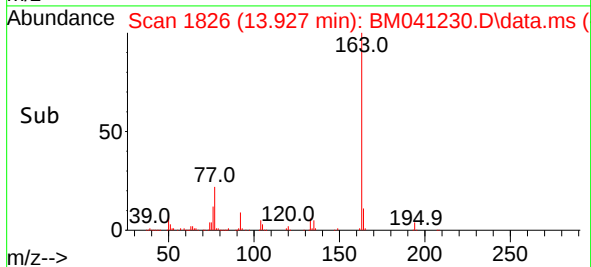
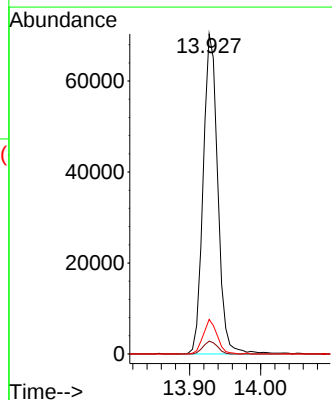
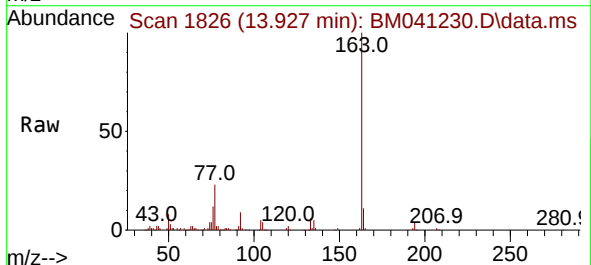
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BNA\_M  
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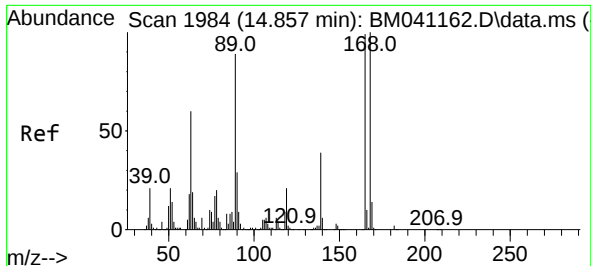
Tgt Ion:172 Resp: 1528734  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.1 42.1  
170 23.8 18.9 28.3



#50  
Dimethylphthalate  
Concen: 4.112 ng  
RT: 13.927 min Scan# 1826  
Delta R.T. -0.006 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

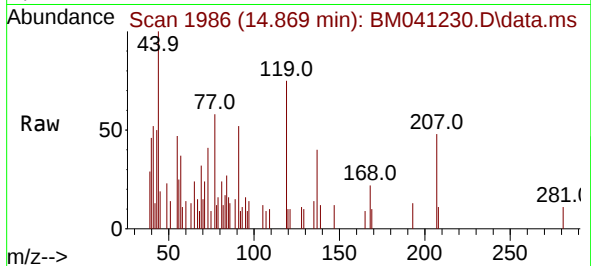
Tgt Ion:163 Resp: 100920  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.3 4.9  
164 10.8 8.3 12.5



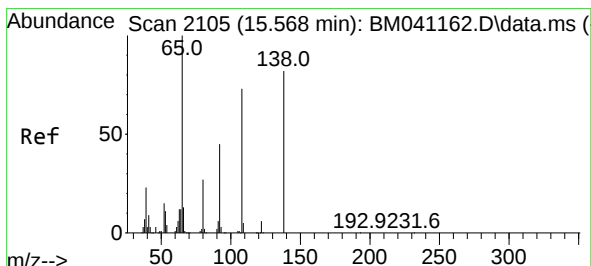
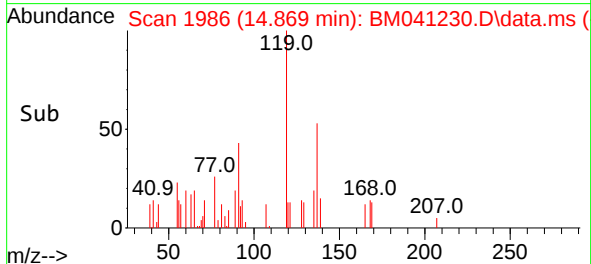
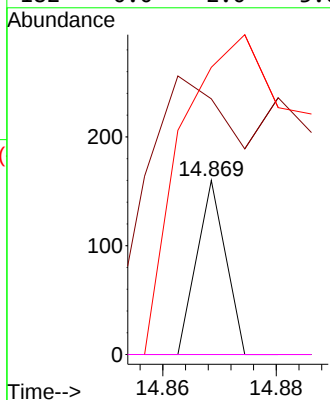


#57  
2,4-Dinitrotoluene  
Concen: 2.678 ng  
RT: 14.869 min Scan# 1984  
Delta R.T. 0.018 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

Instrument :  
BNA\_M  
ClientSampleId :  
T842-FH-04-BW

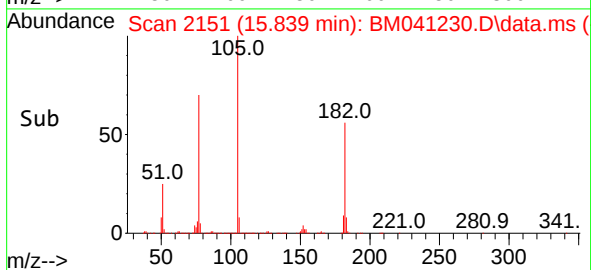
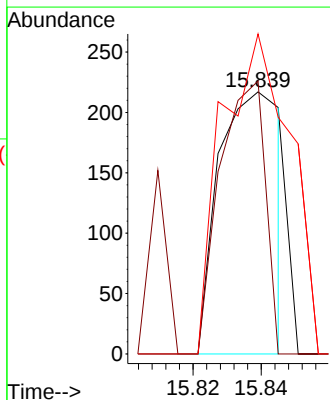
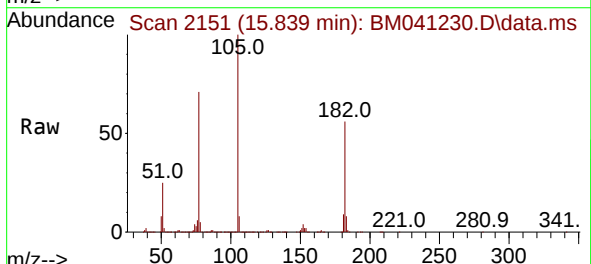


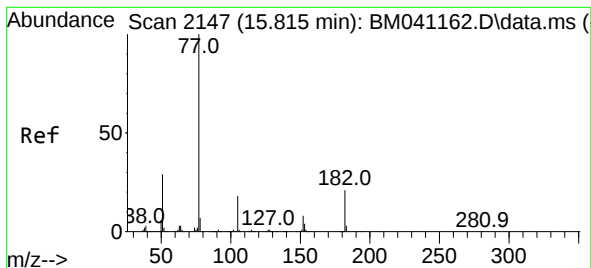
Tgt Ion:165 Resp: 56  
Ion Ratio Lower Upper  
165 100  
63 146.9 48.3 72.5#  
89 165.0 71.8 107.8#  
182 0.0 2.0 3.0#



#62  
4-Nitroaniline  
Concen: 4.195 ng  
RT: 15.839 min Scan# 2151  
Delta R.T. 0.277 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

Tgt Ion:138 Resp: 279  
Ion Ratio Lower Upper  
138 100  
92 104.1 35.1 75.1#  
108 122.1 67.8 107.8#





#63

Azobenzene

Concen: 23.062 ng

RT: 15.839 min Scan# 2147

Delta R.T. 0.029 min

Lab File: BM041230.D

Acq: 01 Aug 2023 18:23

Instrument :

BNA\_M

ClientSampleId :

T842-FH-04-BW

Tgt Ion: 77 Resp: 599514

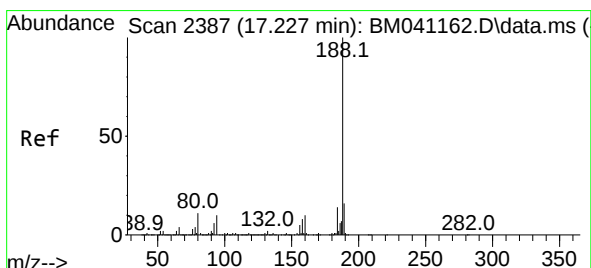
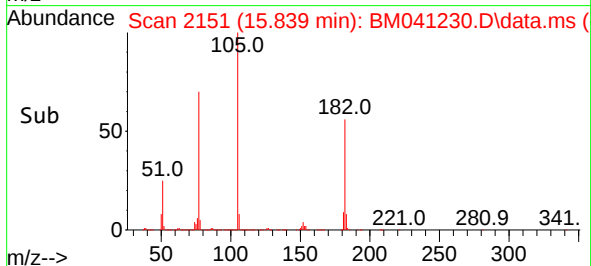
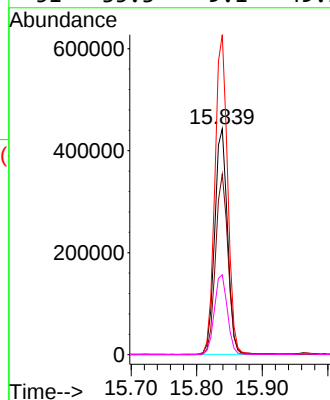
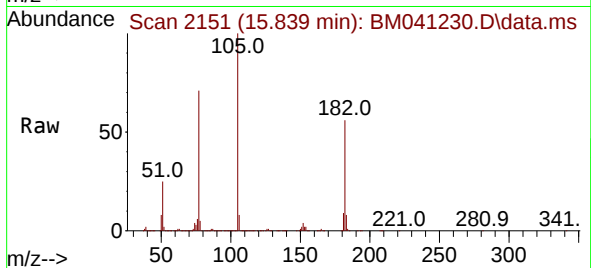
Ion Ratio Lower Upper

77 100

182 79.9 1.3 41.3#

105 141.6 0.0 38.5#

51 35.3 9.1 49.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.227 min Scan# 2387

Delta R.T. 0.006 min

Lab File: BM041230.D

Acq: 01 Aug 2023 18:23

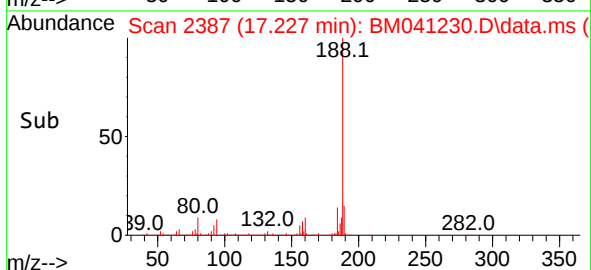
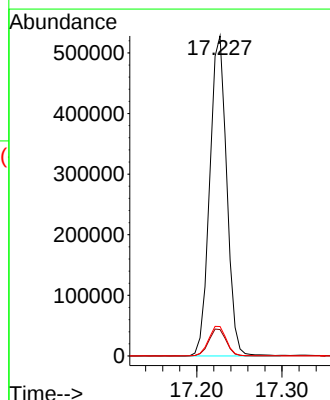
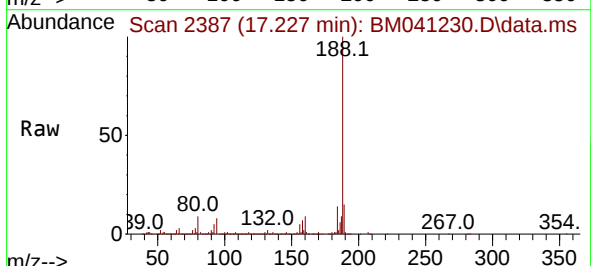
Tgt Ion:188 Resp: 730605

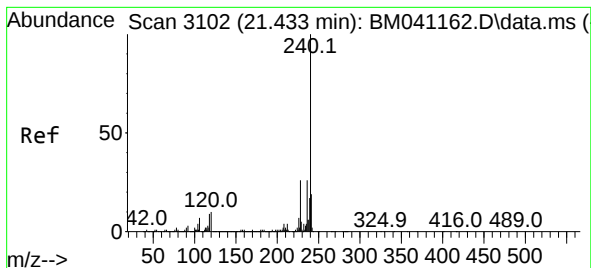
Ion Ratio Lower Upper

188 100

94 8.3 8.2 12.2

80 9.2 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.427 min Scan# 3101

Delta R.T. 0.000 min

Lab File: BM041230.D

Acq: 01 Aug 2023 18:23

Instrument :

BNA\_M

ClientSampleId :

T842-FH-04-BW

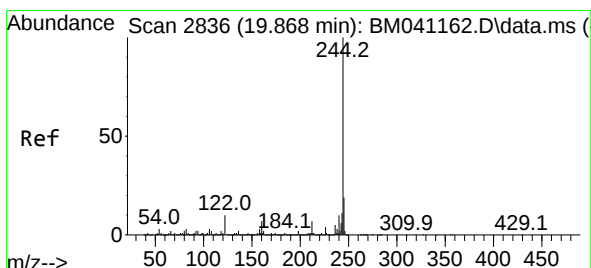
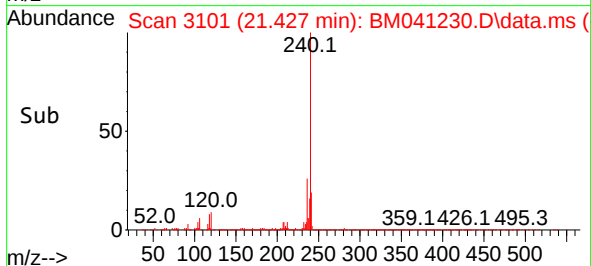
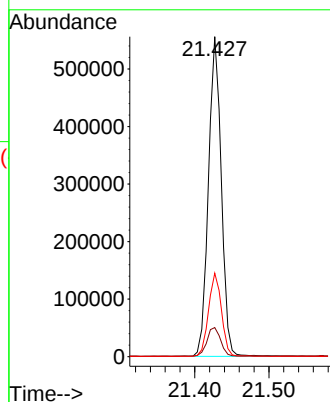
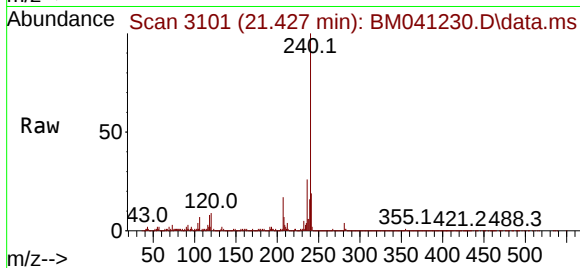
Tgt Ion:240 Resp: 671457

Ion Ratio Lower Upper

240 100

120 9.1 8.3 12.5

236 26.1 20.6 30.8



#79

Terphenyl-d14

Concen: 76.509 ng

RT: 19.862 min Scan# 2835

Delta R.T. 0.000 min

Lab File: BM041230.D

Acq: 01 Aug 2023 18:23

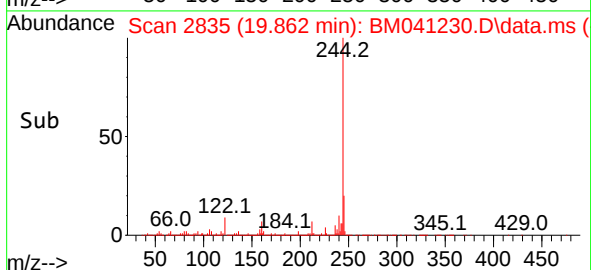
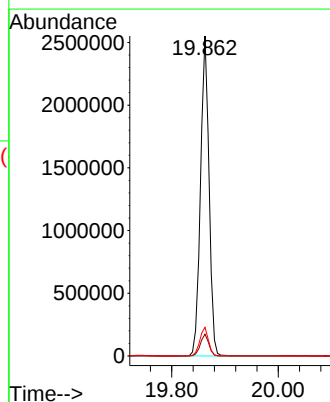
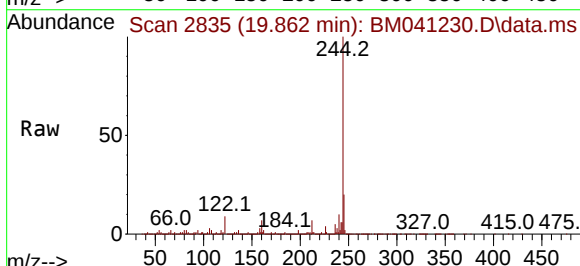
Tgt Ion:244 Resp: 2841309

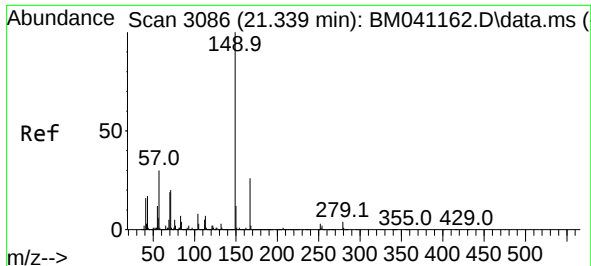
Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 8.9 7.8 11.6

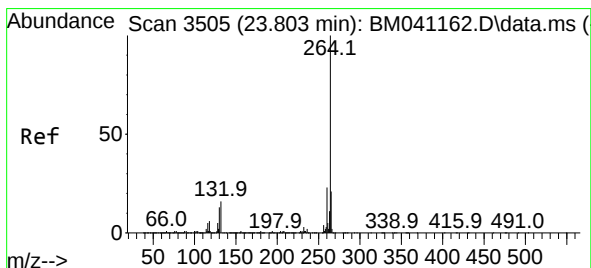
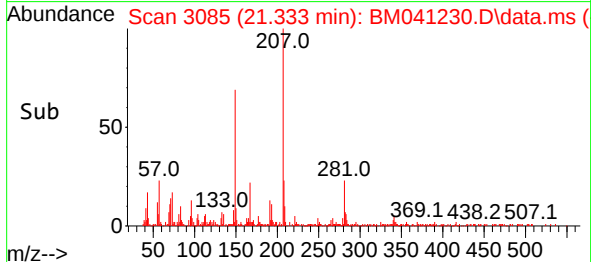
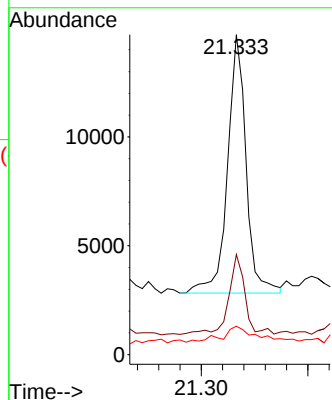
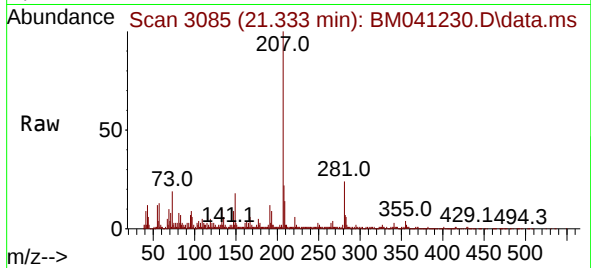




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.038 ng  
RT: 21.333 min Scan# 3085  
Delta R.T. -0.006 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

Instrument :  
BNA\_M  
ClientSampleId :  
T842-FH-04-BW

Tgt Ion:149 Resp: 14352  
Ion Ratio Lower Upper  
149 100  
167 31.3 21.0 31.6  
279 8.9 3.1 4.7#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.803 min Scan# 3505  
Delta R.T. 0.006 min  
Lab File: BM041230.D  
Acq: 01 Aug 2023 18:23

Tgt Ion:264 Resp: 754972  
Ion Ratio Lower Upper  
264 100  
260 23.7 18.5 27.7  
265 22.3 17.4 26.0

