

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080923\  
 Data File : BM041350.D  
 Acq On : 09 Aug 2023 21:39  
 Operator : MA/JU  
 Sample : 03921-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-1

Quant Time: Aug 10 03:28:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 09 12:20:12 2023  
 Response via : Initial Calibration

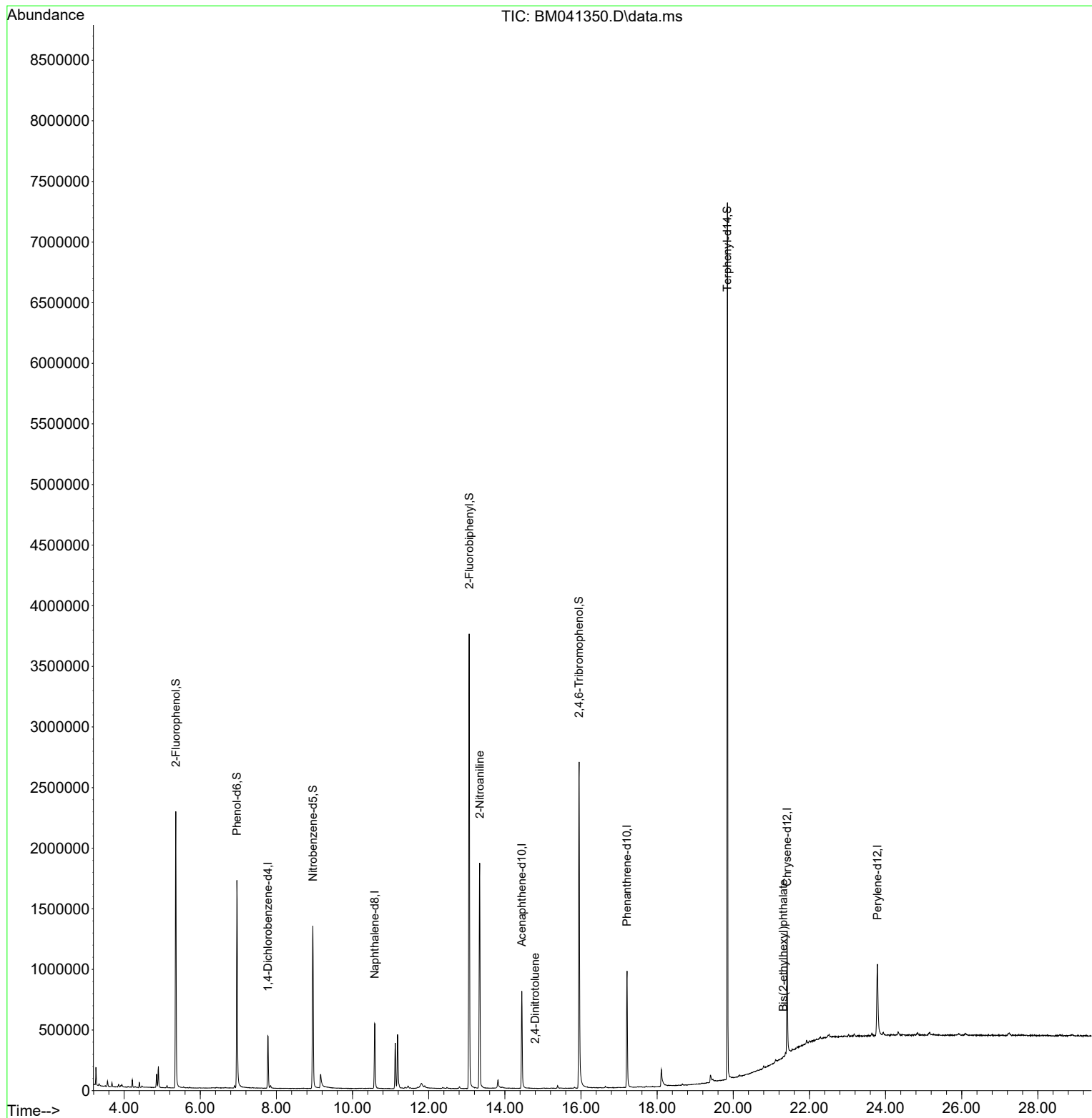
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 113237   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.581 | 136  | 446669   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.445 | 164  | 285886   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 626512   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.415 | 240  | 536421   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.786 | 264  | 563254   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.357  | 112  | 905615   | 119.530 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.963  | 99   | 984760   | 100.272 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.957  | 82   | 802757   | 83.578  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 562008   | 138.983 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.063 | 172  | 1880590  | 83.098  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 3195250  | 107.699 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 48) 2-Nitroaniline            | 13.339 | 65   | 37642    | 6.814   | ng    | # 14     |
| 57) 2,4-Dinitrotoluene        | 14.792 | 165  | 60       | 2.679   | ng    | # 12     |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 2817     | 2.662   | ng    | # 82     |
| -----                         |        |      |          |         |       |          |

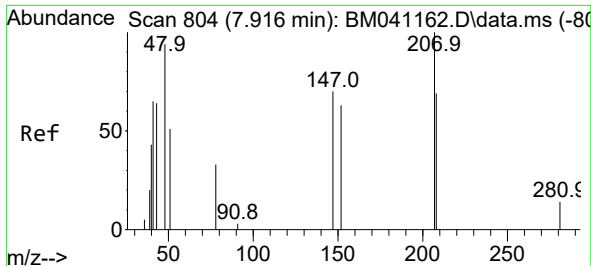
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 09 12:20:12 2023  
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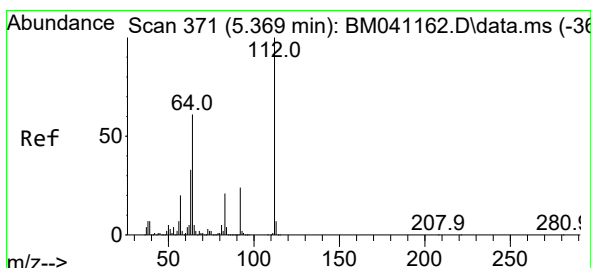
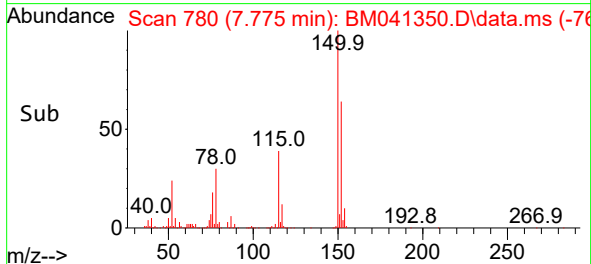
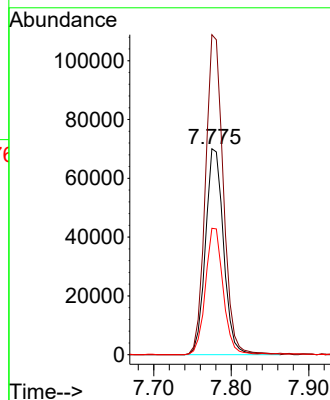
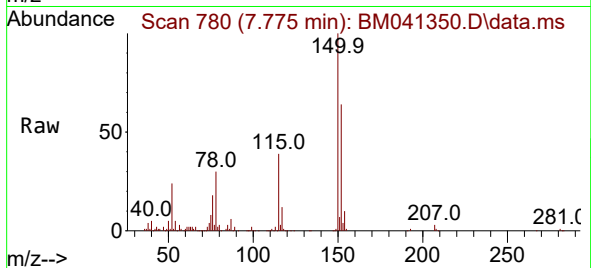




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM041350.D  
Acq: 09 Aug 2023 21:39

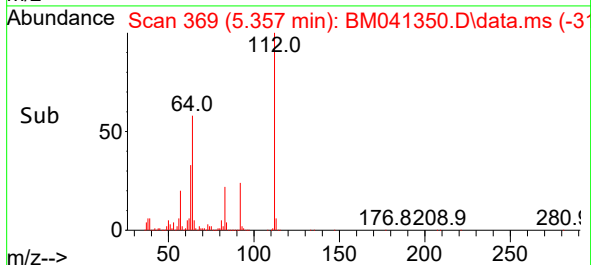
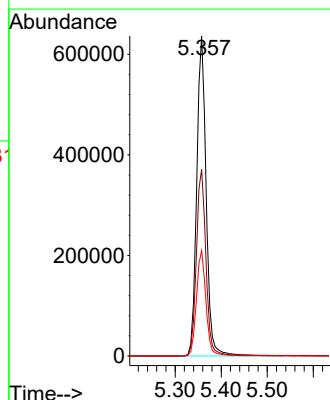
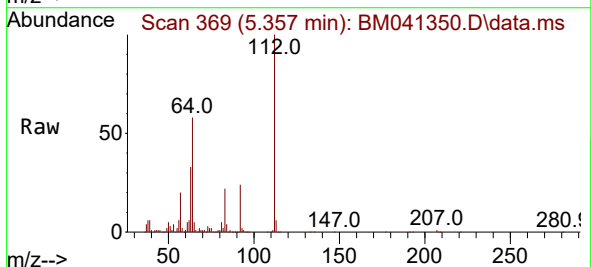
Instrument :  
BNA\_M  
ClientSampleId :  
WC-1

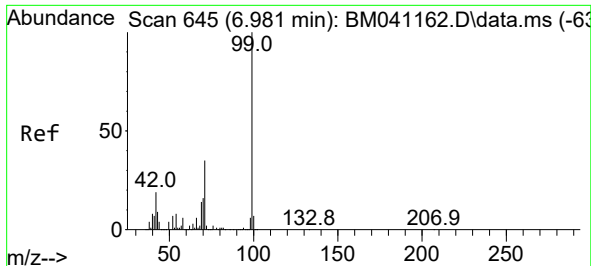
Tgt Ion:152 Resp: 113237  
Ion Ratio Lower Upper  
152 100  
150 155.4 125.5 188.3  
115 61.4 48.0 72.0



#5  
2-Fluorophenol  
Concen: 119.530 ng  
RT: 5.357 min Scan# 369  
Delta R.T. -0.000 min  
Lab File: BM041350.D  
Acq: 09 Aug 2023 21:39

Tgt Ion:112 Resp: 905615  
Ion Ratio Lower Upper  
112 100  
64 58.3 48.5 72.7  
63 33.0 26.5 39.7

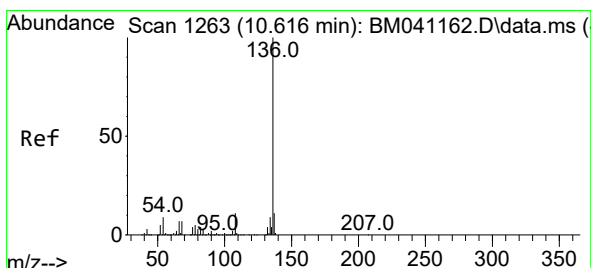
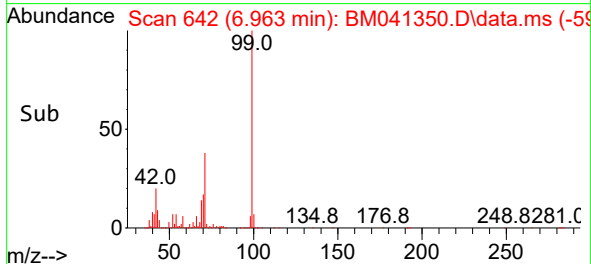
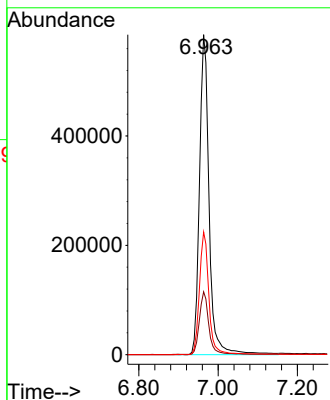
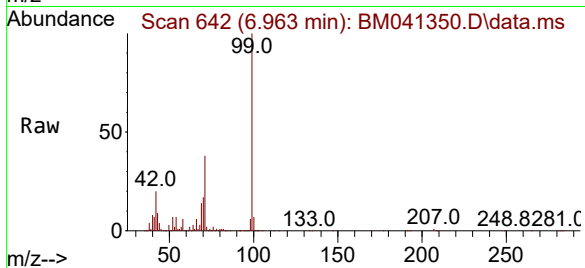




#7  
Phenol-d6  
Concen: 100.272 ng  
RT: 6.963 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BM041350.D  
Acq: 09 Aug 2023 21:39

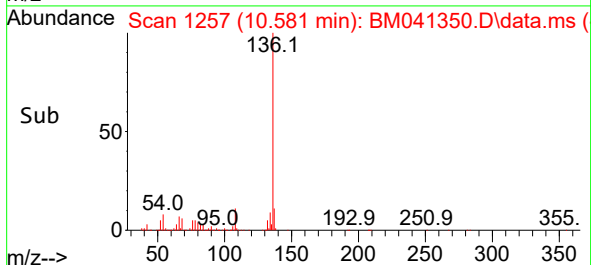
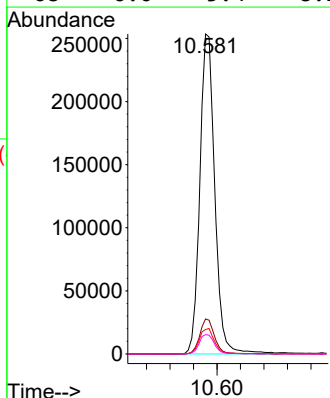
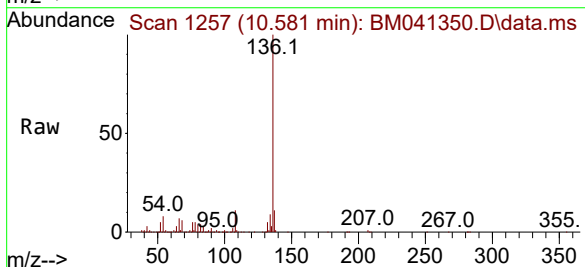
Instrument :  
BNA\_M  
ClientSampleId :  
WC-1

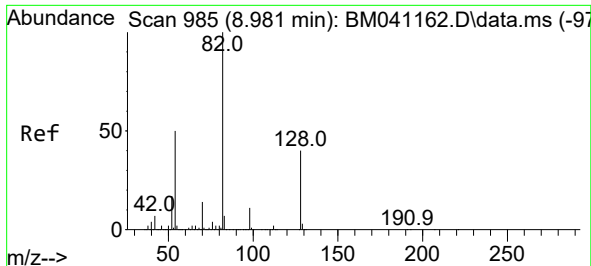
Tgt Ion: 99 Resp: 984760  
Ion Ratio Lower Upper  
99 100  
42 19.7 15.4 23.0  
71 38.4 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.581 min Scan# 1257  
Delta R.T. -0.006 min  
Lab File: BM041350.D  
Acq: 09 Aug 2023 21:39

Tgt Ion:136 Resp: 446669  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.6 6.9 10.3  
68 6.0 5.4 8.2





#23

Nitrobenzene-d5

Concen: 83.578 ng

RT: 8.957 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM041350.D

Acq: 09 Aug 2023 21:39

Instrument :

BNA\_M

ClientSampleId :

WC-1

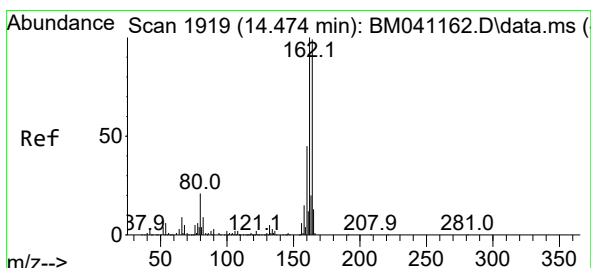
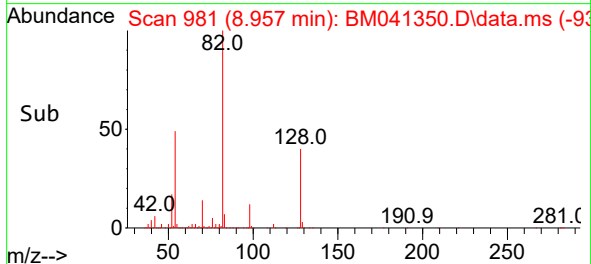
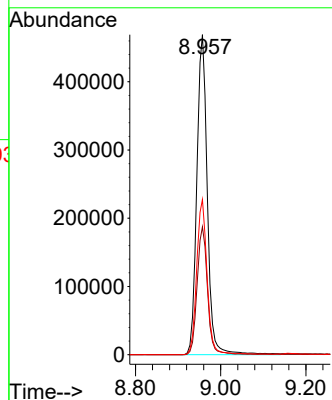
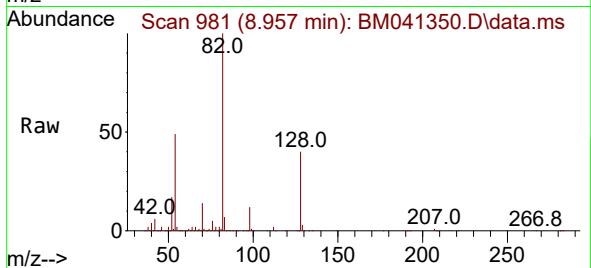
Tgt Ion: 82 Resp: 802757

Ion Ratio Lower Upper

82 100

128 40.0 31.8 47.6

54 48.5 40.1 60.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1914

Delta R.T. -0.000 min

Lab File: BM041350.D

Acq: 09 Aug 2023 21:39

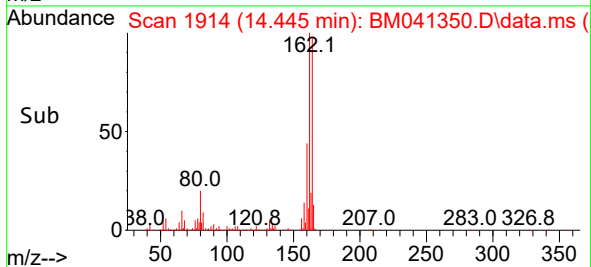
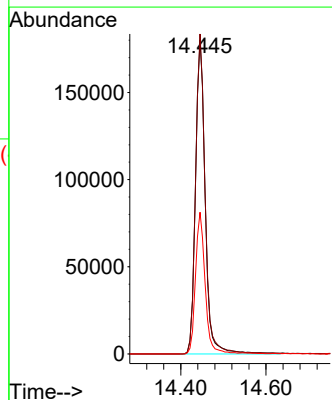
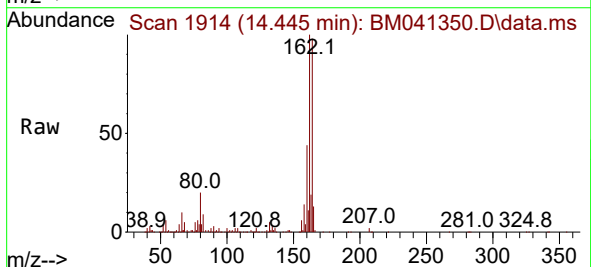
Tgt Ion: 164 Resp: 285886

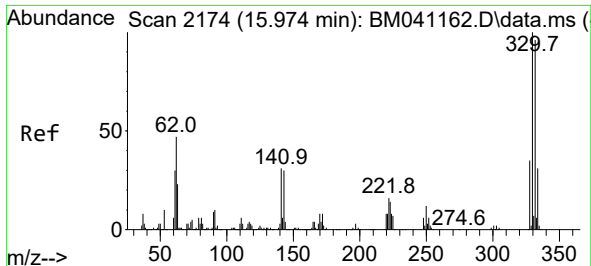
Ion Ratio Lower Upper

164 100

162 101.9 80.4 120.6

160 45.2 36.2 54.2

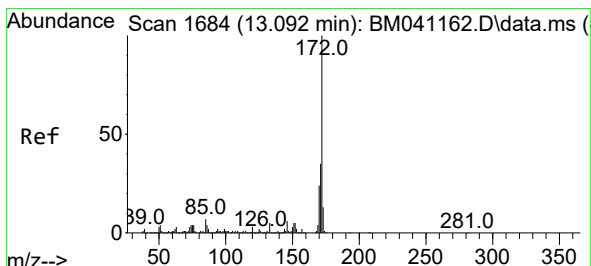
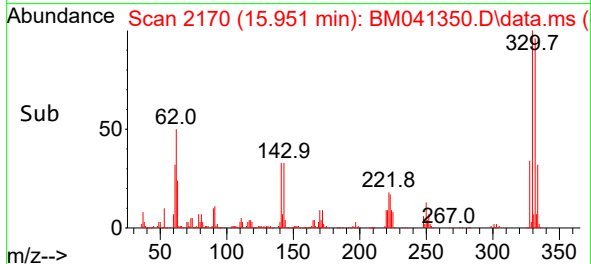
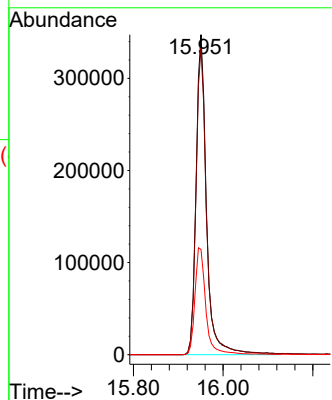
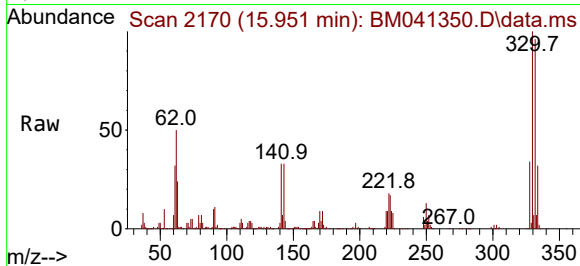




#42  
2,4,6-Tribromophenol  
Concen: 138.983 ng  
RT: 15.951 min Scan# 2170  
Delta R.T. -0.000 min  
Lab File: BM041350.D  
Acq: 09 Aug 2023 21:39

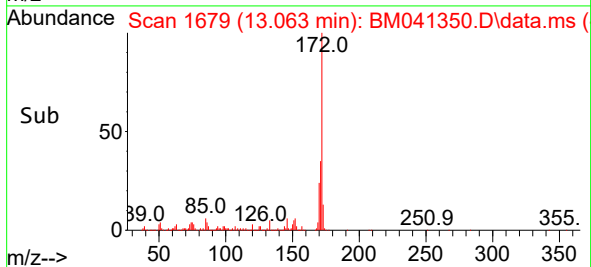
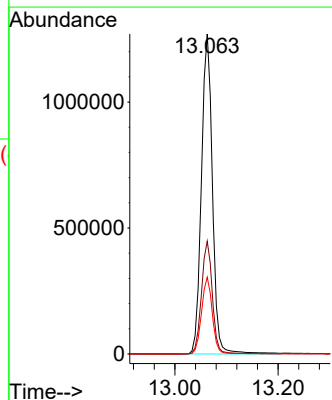
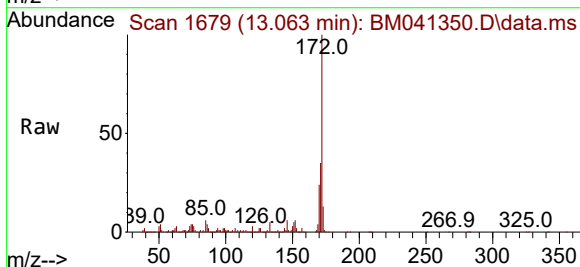
Instrument :  
BNA\_M  
ClientSampleId :  
WC-1

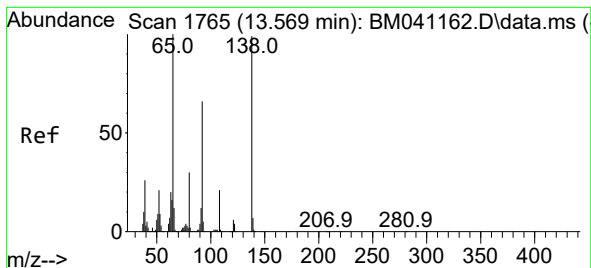
Tgt Ion:330 Resp: 562008  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.7 116.5  
141 34.8 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 83.098 ng  
RT: 13.063 min Scan# 1679  
Delta R.T. -0.000 min  
Lab File: BM041350.D  
Acq: 09 Aug 2023 21:39

Tgt Ion:172 Resp: 1880590  
Ion Ratio Lower Upper  
172 100  
171 35.3 28.1 42.1  
170 24.0 18.9 28.3





#48

2-Nitroaniline

Concen: 6.814 ng

RT: 13.339 min Scan# 1

Delta R.T. -0.206 min

Lab File: BM041350.D

Acq: 09 Aug 2023 21:39

Instrument :

BNA\_M

ClientSampleId :

WC-1

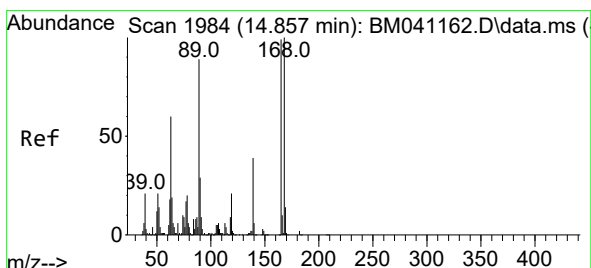
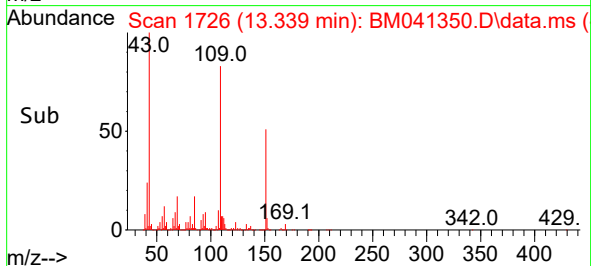
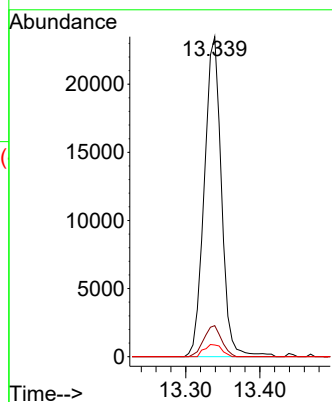
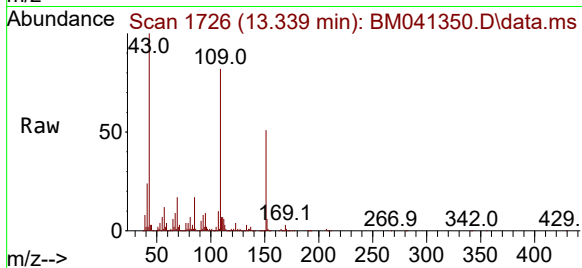
Tgt Ion: 65 Resp: 37642

Ion Ratio Lower Upper

65 100

92 9.7 53.0 79.4#

138 3.6 79.1 118.7#



#57

2,4-Dinitrotoluene

Concen: 2.679 ng

RT: 14.792 min Scan# 1973

Delta R.T. -0.053 min

Lab File: BM041350.D

Acq: 09 Aug 2023 21:39

Tgt Ion:165 Resp: 60

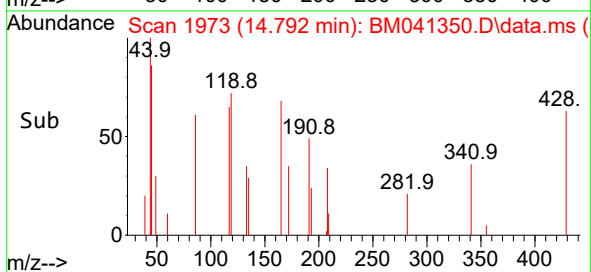
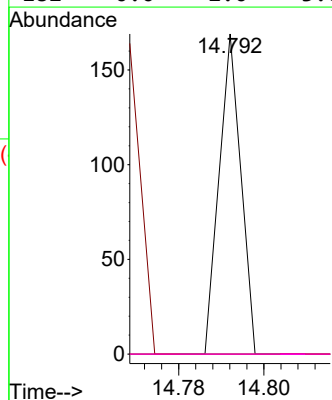
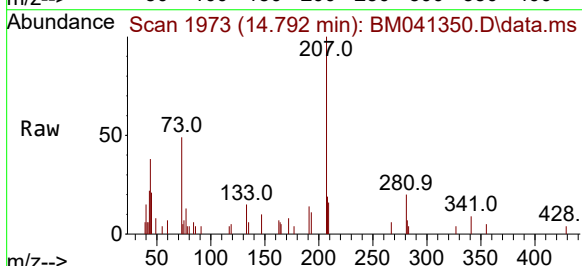
Ion Ratio Lower Upper

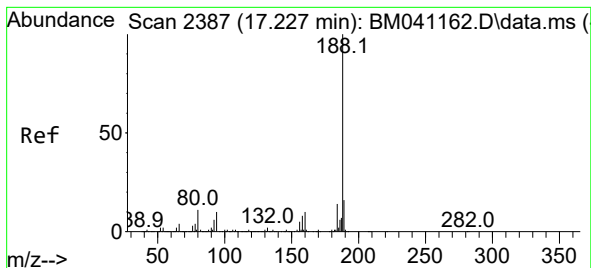
165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041350.D

Acq: 09 Aug 2023 21:39

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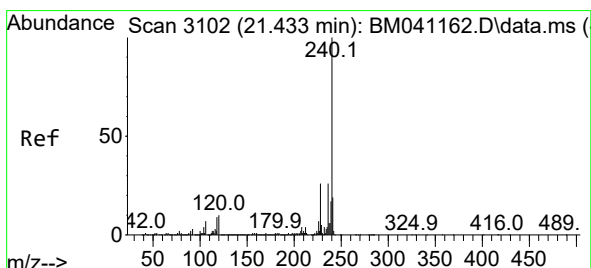
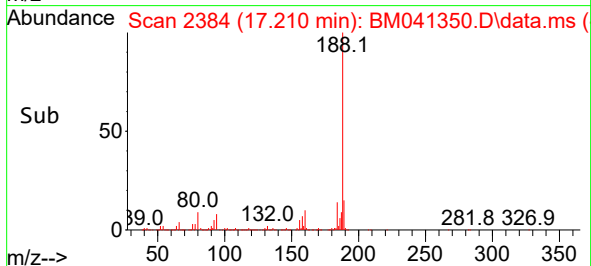
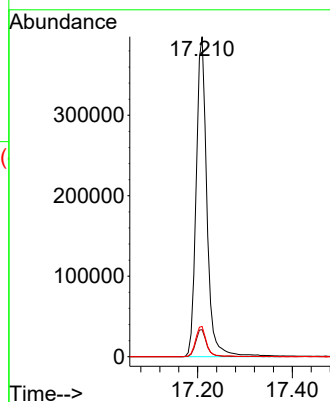
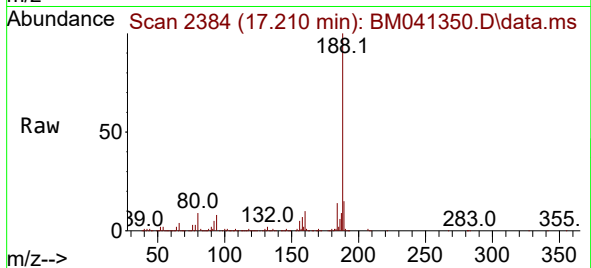
Tgt Ion:188 Resp: 626512

Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.2

80 9.5 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3099

Delta R.T. -0.000 min

Lab File: BM041350.D

Acq: 09 Aug 2023 21:39

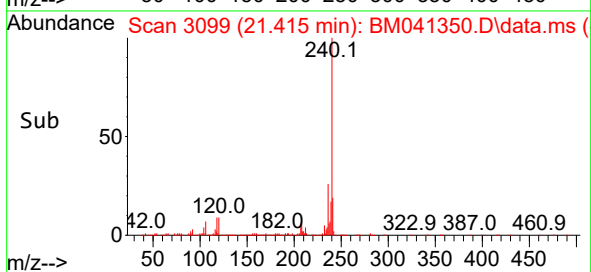
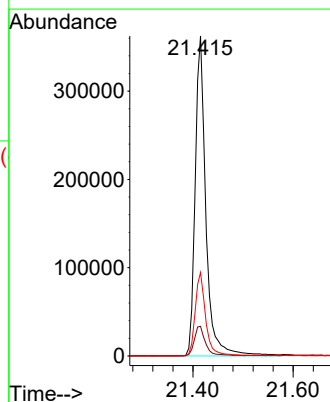
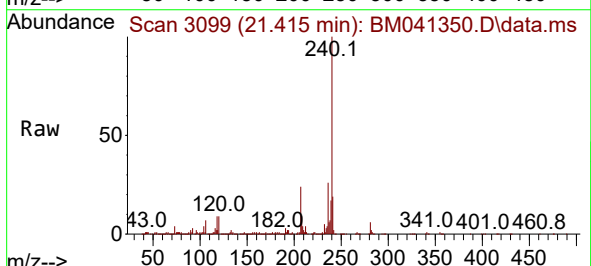
Tgt Ion:240 Resp: 536421

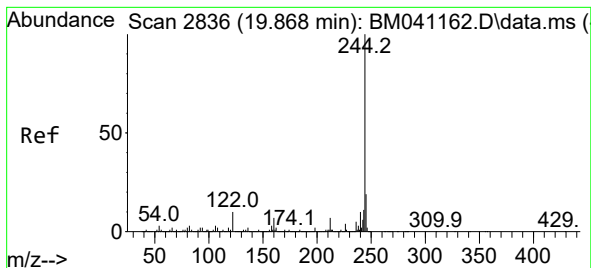
Ion Ratio Lower Upper

240 100

120 9.2 8.3 12.5

236 26.1 20.6 30.8





#79

Terphenyl-d14

Concen: 107.699 ng

RT: 19.845 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM041350.D

Acq: 09 Aug 2023 21:39

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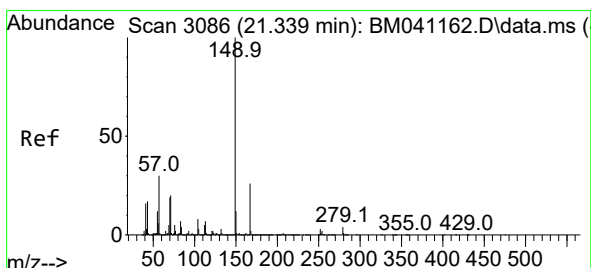
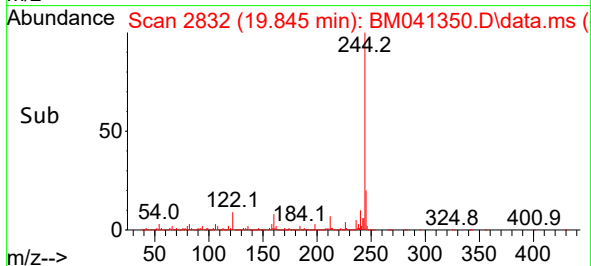
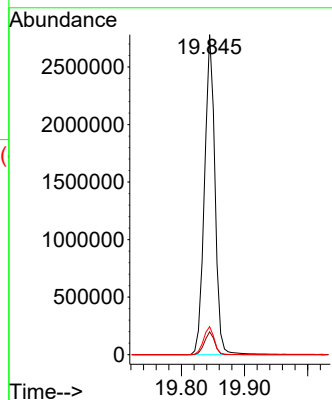
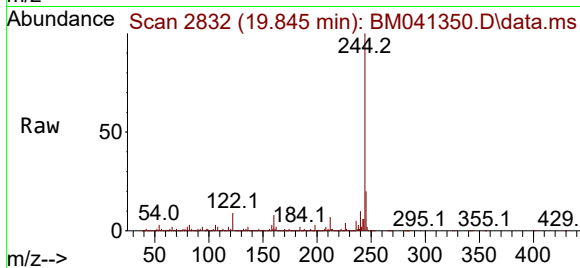
Tgt Ion:244 Resp: 3195250

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 8.8 7.8 11.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.662 ng

RT: 21.315 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BM041350.D

Acq: 09 Aug 2023 21:39

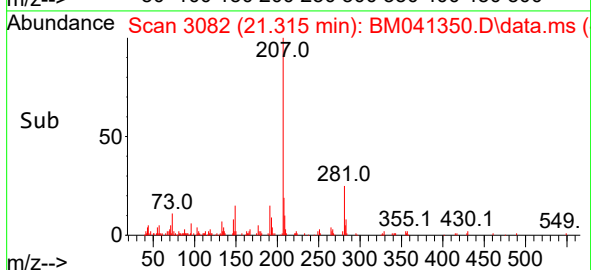
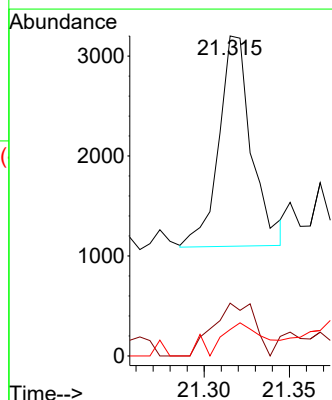
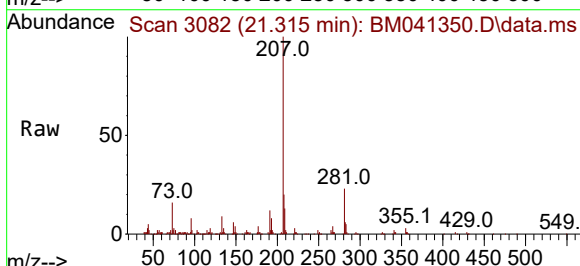
Tgt Ion:149 Resp: 2817

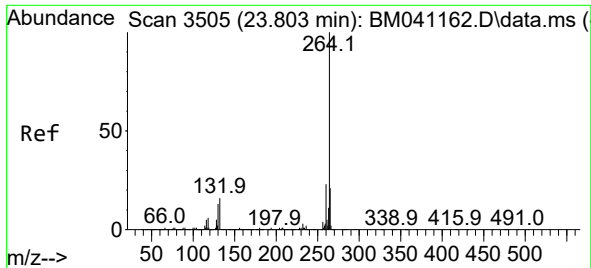
Ion Ratio Lower Upper

149 100

167 16.5 21.0 31.6#

279 8.2 3.1 4.7#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.786 min Scan# 31  
 Delta R.T. 0.006 min  
 Lab File: BM041350.D  
 Acq: 09 Aug 2023 21:39

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-1

Tgt Ion:264 Resp: 563254  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.5 27.7  
 265 22.4 17.4 26.0

