

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM081423\  
 Data File : BM041399.D  
 Acq On : 14 Aug 2023 14:15  
 Operator : MA/JU  
 Sample : PB154790BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB154790BL

Quant Time: Aug 14 19:05:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Aug 11 17:51:06 2023  
 Response via : Initial Calibration

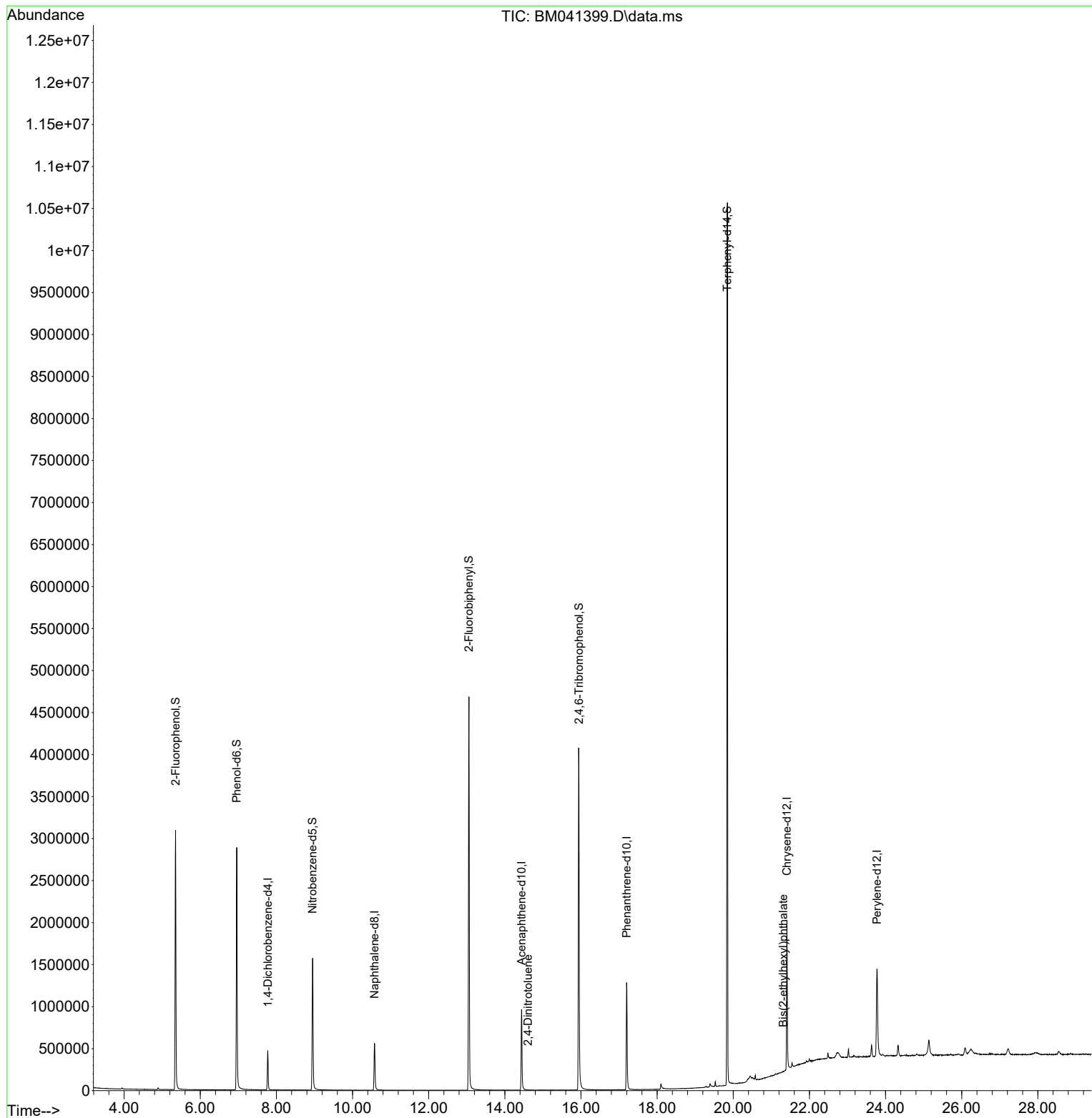
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 123345   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.575 | 136  | 492756   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.439 | 164  | 347348   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.198 | 188  | 822785   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.409 | 240  | 866657   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.774 | 264  | 945460   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.352  | 112  | 1237314  | 149.927 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.957  | 99   | 1577432  | 147.457 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.951  | 82   | 937819   | 88.508  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.945 | 330  | 779547   | 158.668 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.057 | 172  | 2363753  | 85.966  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 4952335  | 103.318 | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       |          |
| 57) 2,4-Dinitrotoluene        | 14.610 | 165  | 62       | 2.678   | ng    | # 12     |
| 84) Bis(2-ethylhexyl)phtha... | 21.315 | 149  | 1620     | 2.583   | ng    | # 82     |
| -----                         |        |      |          |         |       |          |

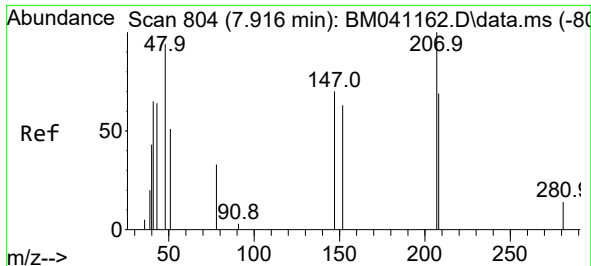
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Aug 11 17:51:06 2023  
Response via : Initial Calibration

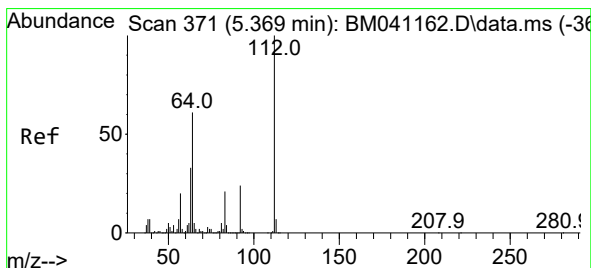
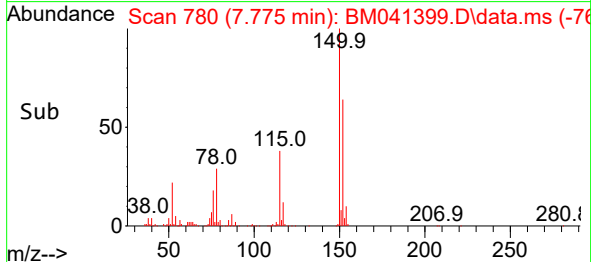
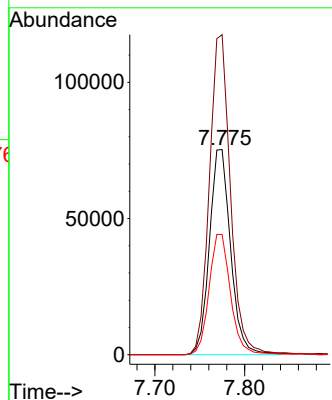
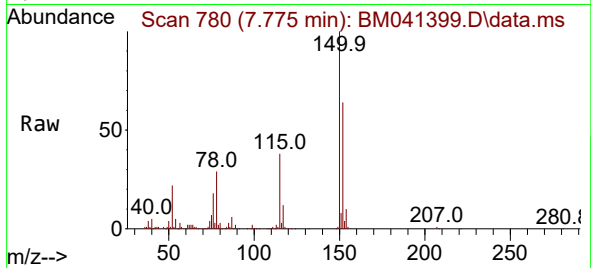




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

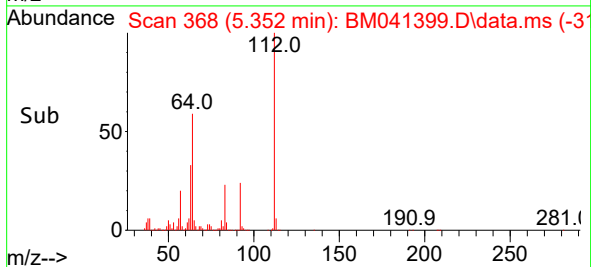
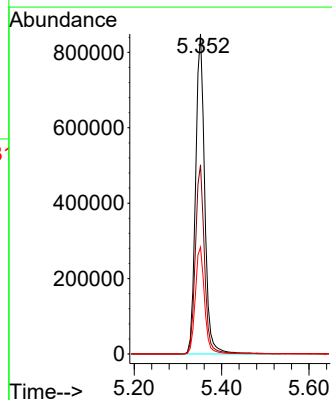
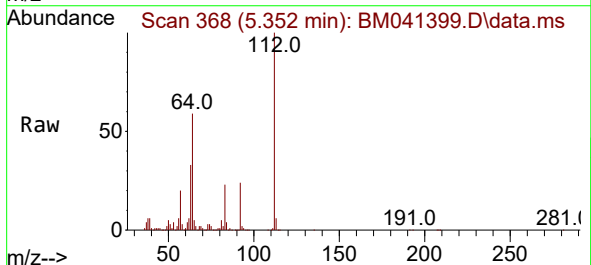
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BNA\_M  
ClientSampleId :  
PB154790BL

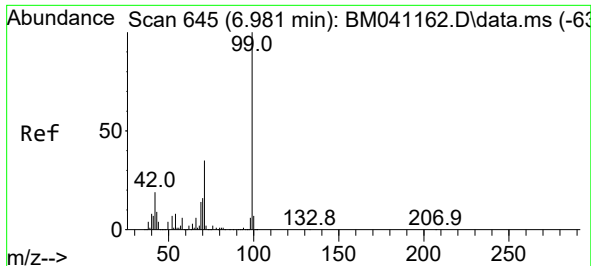
Tgt Ion:152 Resp: 123345  
Ion Ratio Lower Upper  
152 100  
150 156.0 125.5 188.3  
115 58.6 48.0 72.0



#5  
2-Fluorophenol  
Concen: 149.927 ng  
RT: 5.352 min Scan# 368  
Delta R.T. 0.006 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

Tgt Ion:112 Resp: 1237314  
Ion Ratio Lower Upper  
112 100  
64 59.1 48.5 72.7  
63 33.4 26.5 39.7

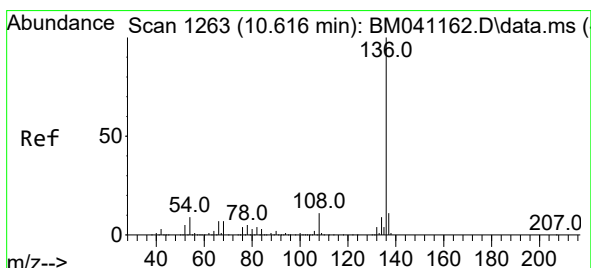
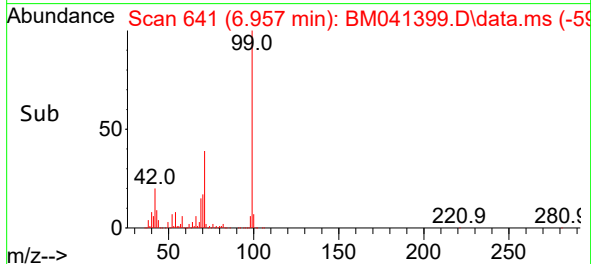
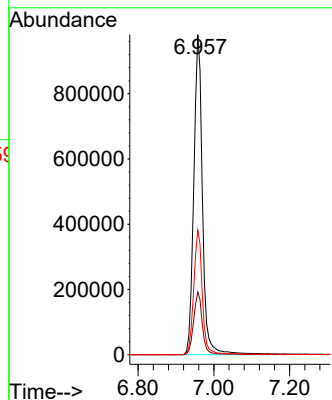
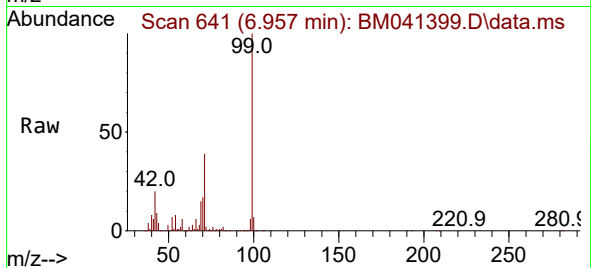




#7  
Phenol-d6  
Concen: 147.457 ng  
RT: 6.957 min Scan# 641  
Delta R.T. -0.000 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

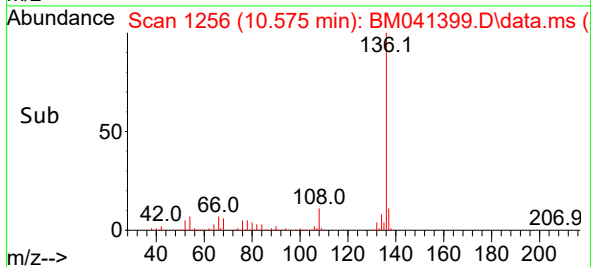
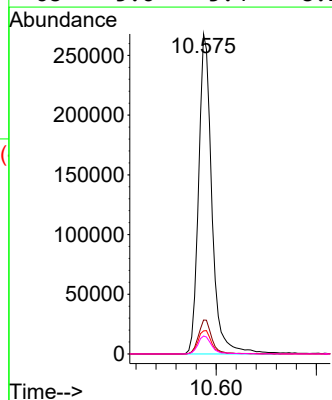
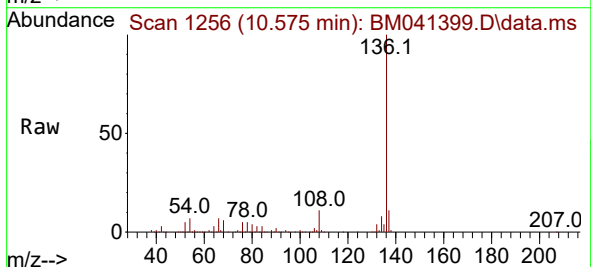
Instrument :  
BNA\_M  
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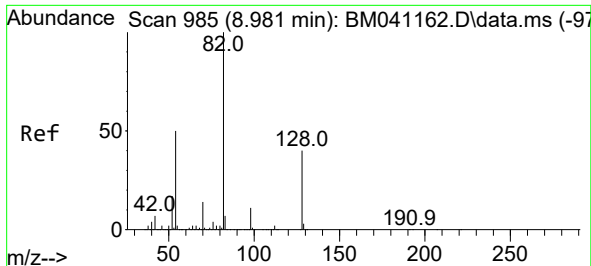
Tgt Ion: 99 Resp: 1577432  
Ion Ratio Lower Upper  
99 100  
42 19.6 15.4 23.0  
71 39.0 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.575 min Scan# 1256  
Delta R.T. -0.006 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

Tgt Ion: 136 Resp: 492756  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.8 13.2  
54 7.2 6.9 10.3  
68 5.6 5.4 8.2

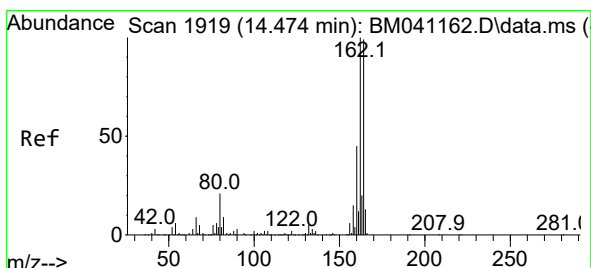
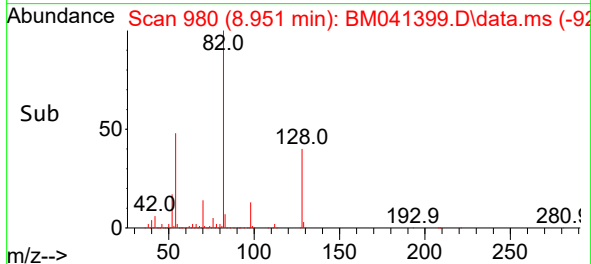
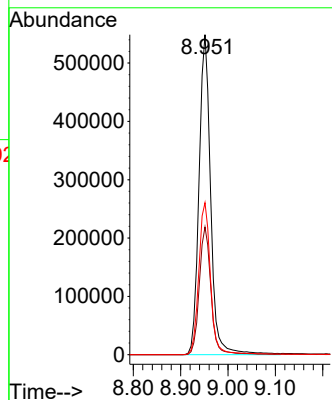
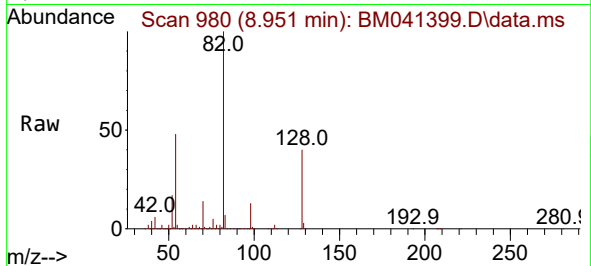




#23  
Nitrobenzene-d5  
Concen: 88.508 ng  
RT: 8.951 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

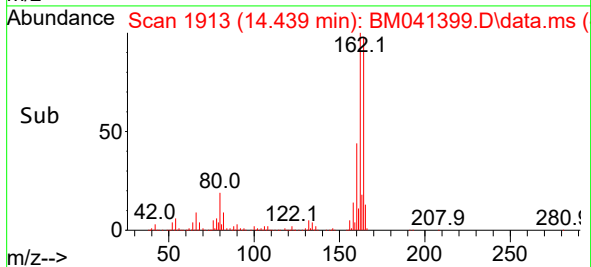
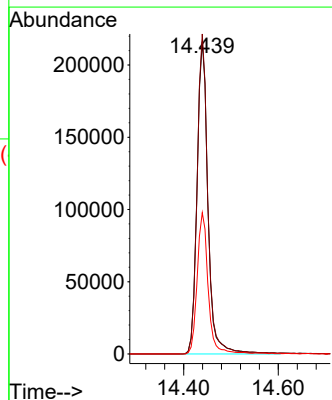
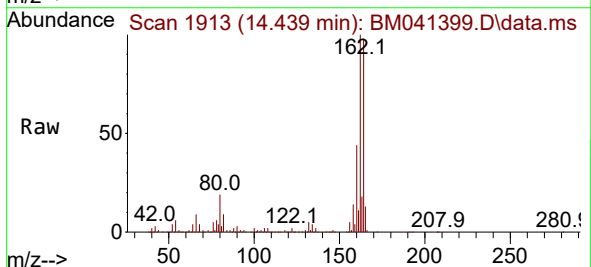
Instrument :  
BNA\_M  
ClientSampleId :  
PB154790BL

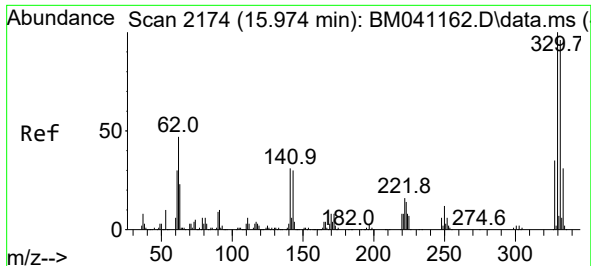
Tgt Ion: 82 Resp: 937819  
Ion Ratio Lower Upper  
82 100  
128 39.9 31.8 47.6  
54 47.5 40.1 60.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.439 min Scan# 1913  
Delta R.T. -0.000 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

Tgt Ion: 164 Resp: 347348  
Ion Ratio Lower Upper  
164 100  
162 102.5 80.4 120.6  
160 45.2 36.2 54.2

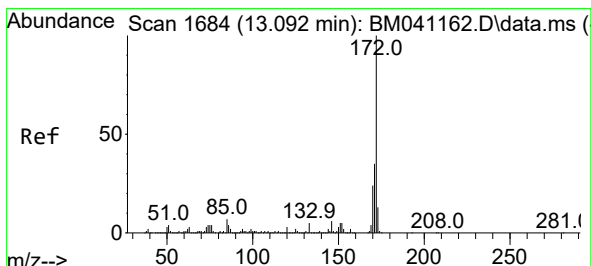
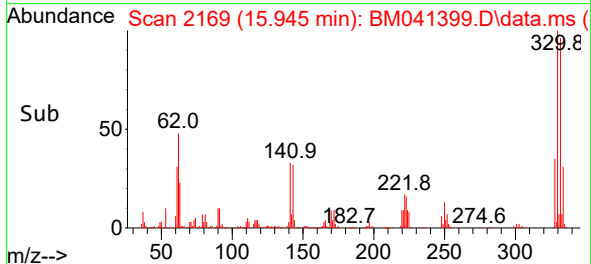
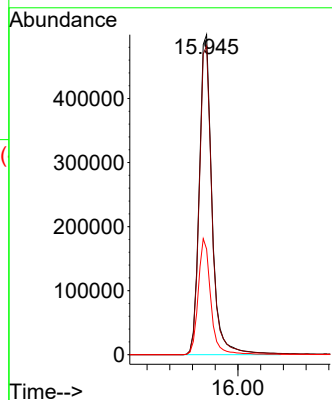
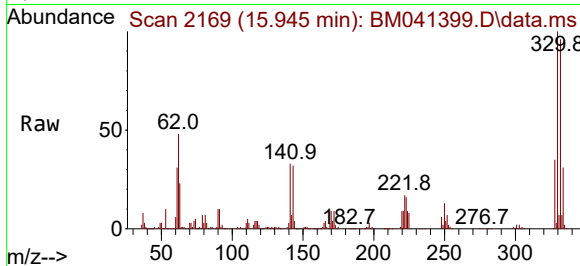




#42  
2,4,6-Tribromophenol  
Concen: 158.668 ng  
RT: 15.945 min Scan# 2174  
Delta R.T. -0.000 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

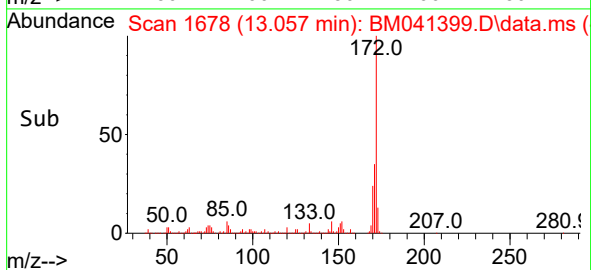
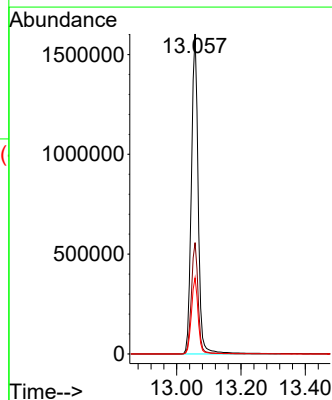
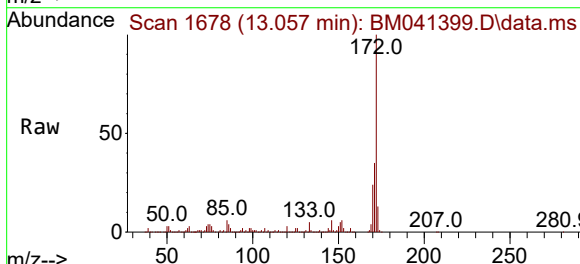
Instrument :  
BNA\_M  
ClientSampleId :  
PB154790BL

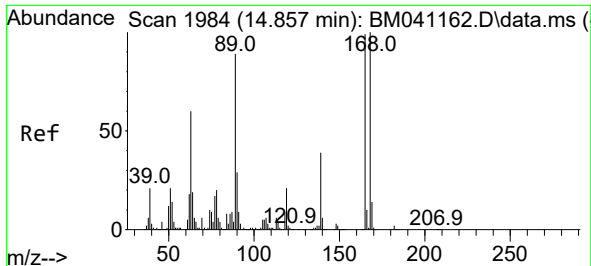
Tgt Ion:330 Resp: 779547  
Ion Ratio Lower Upper  
330 100  
332 97.4 77.7 116.5  
141 35.8 28.3 42.5



#45  
2-Fluorobiphenyl  
Concen: 85.966 ng  
RT: 13.057 min Scan# 1678  
Delta R.T. -0.000 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

Tgt Ion:172 Resp: 2363753  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 23.8 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 2.678 ng

RT: 14.610 min Scan# 1984

Delta R.T. -0.229 min

Lab File: BM041399.D

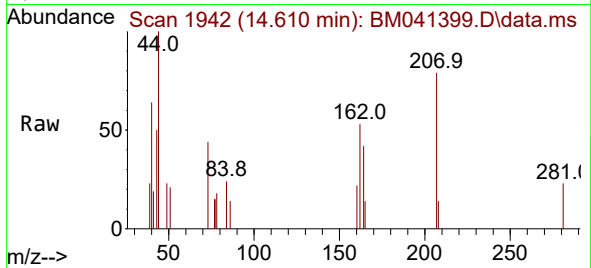
Acq: 14 Aug 2023 14:15

Instrument :

BNA\_M

ClientSampleId :

PB154790BL



Tgt Ion:165 Resp: 62

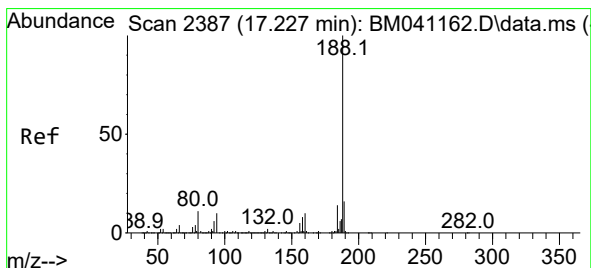
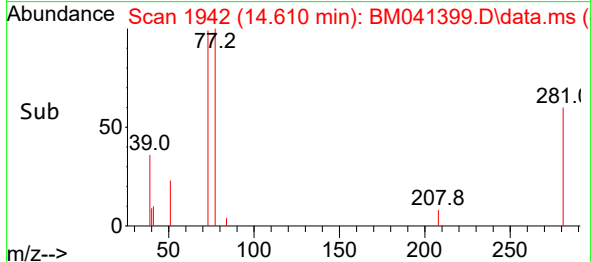
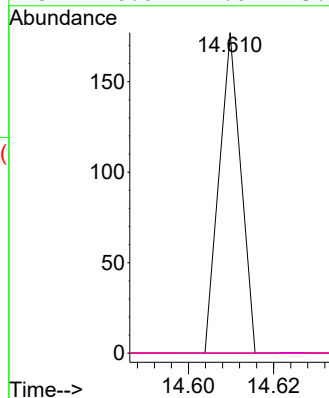
Ion Ratio Lower Upper

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: 17.198 min Scan# 2382

Delta R.T. -0.006 min

Lab File: BM041399.D

Acq: 14 Aug 2023 14:15

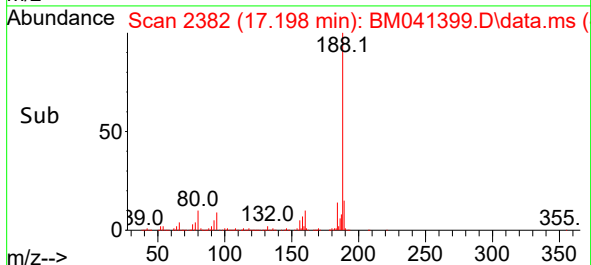
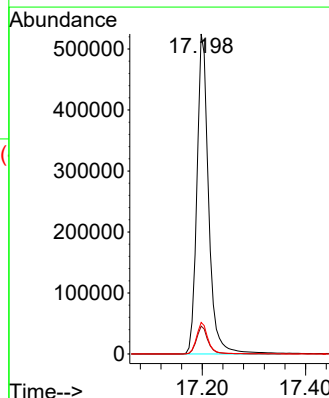
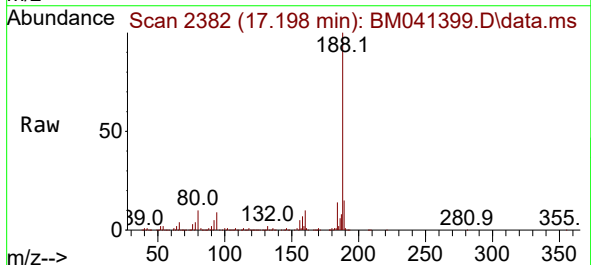
Tgt Ion:188 Resp: 822785

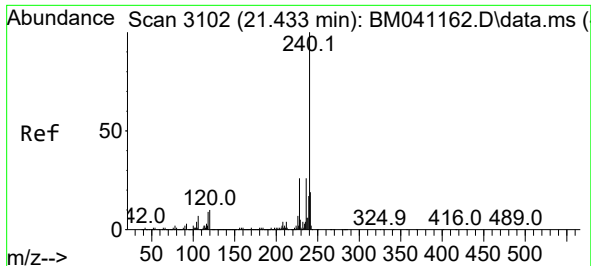
Ion Ratio Lower Upper

188 100

94 8.7 8.2 12.2

80 9.8 8.6 13.0

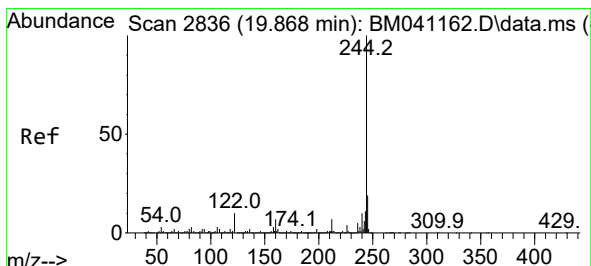
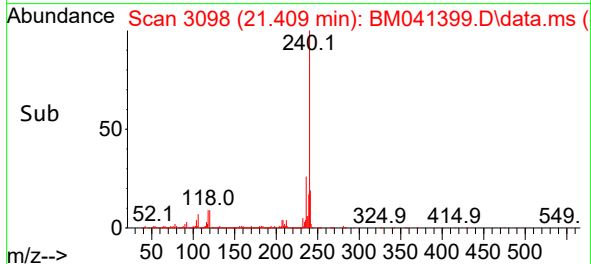
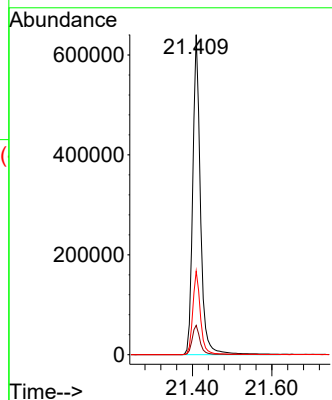
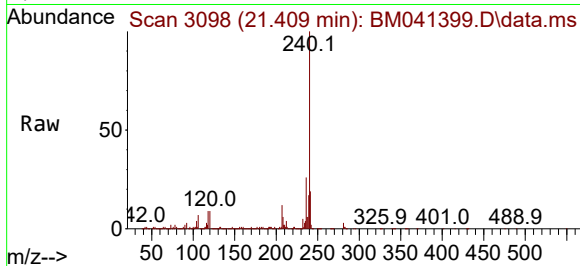




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.409 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

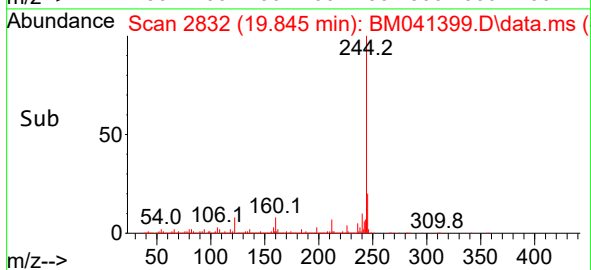
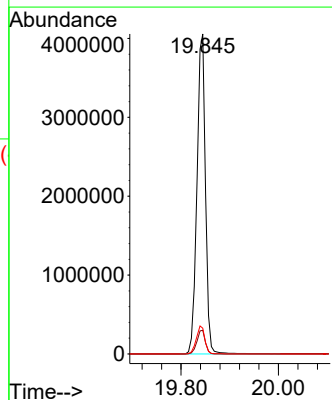
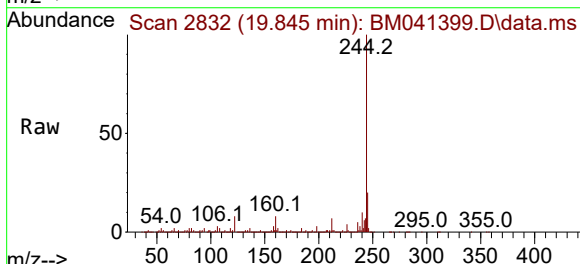
Instrument :  
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PB154790BL

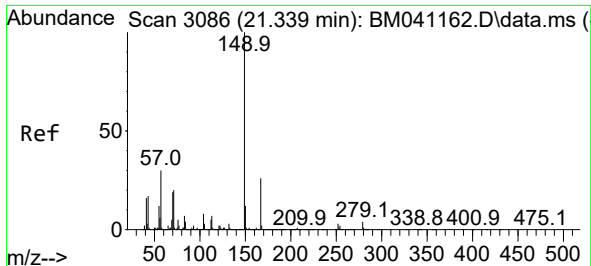
Tgt Ion:240 Resp: 866657  
Ion Ratio Lower Upper  
240 100  
120 9.1 8.3 12.5  
236 26.1 20.6 30.8



#79  
Terphenyl-d14  
Concen: 103.318 ng  
RT: 19.845 min Scan# 2832  
Delta R.T. -0.000 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

Tgt Ion:244 Resp: 4952335  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.4 8.2  
122 8.0 7.8 11.6

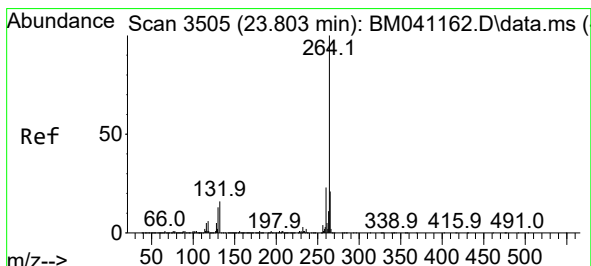
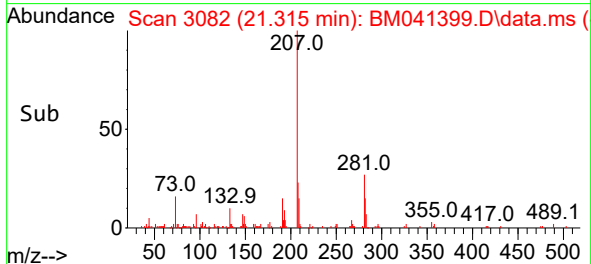
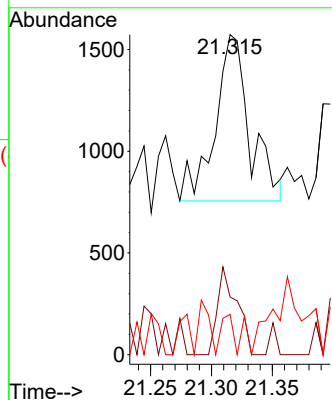
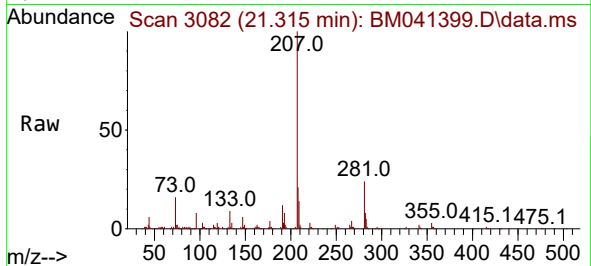




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.583 ng  
RT: 21.315 min Scan# 3082  
Delta R.T. -0.006 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

Instrument :  
BNA\_M  
ClientSampleId :  
PB154790BL

Tgt Ion:149 Resp: 1620  
Ion Ratio Lower Upper  
149 100  
167 18.0 21.0 31.6#  
279 12.6 3.1 4.7#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.774 min Scan# 3500  
Delta R.T. -0.006 min  
Lab File: BM041399.D  
Acq: 14 Aug 2023 14:15

Tgt Ion:264 Resp: 945460  
Ion Ratio Lower Upper  
264 100  
260 23.8 18.5 27.7  
265 22.0 17.4 26.0

