

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062123\  
 Data File : BM040339.D  
 Acq On : 21 Jun 2023 17:52  
 Operator : MA/JU  
 Sample : 03047-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 22 04:37:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 21 15:54:19 2023  
 Response via : Initial Calibration

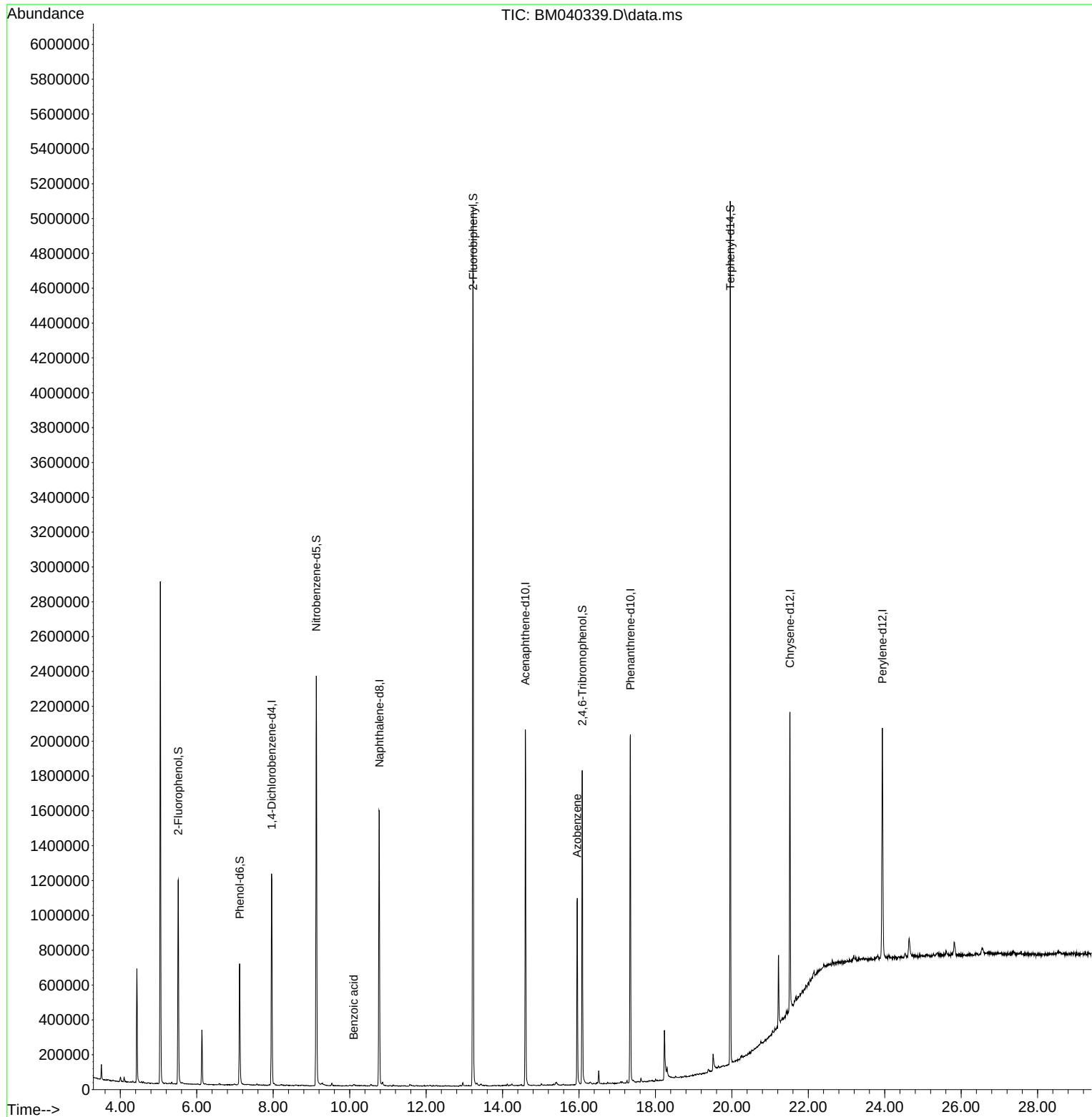
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|--------|-------|------------|
| -----                       |        |      |          |        |       |            |
| Internal Standards          |        |      |          |        |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.957  | 152  | 307874   | 20.000 | ng    | 0.00       |
| 21) Naphthalene-d8          | 10.775 | 136  | 1257706  | 20.000 | ng    | 0.00       |
| 39) Acenaphthene-d10        | 14.598 | 164  | 632099   | 20.000 | ng    | 0.00       |
| 64) Phenanthrene-d10        | 17.345 | 188  | 1102112  | 20.000 | ng    | 0.00       |
| 76) Chrysene-d12            | 21.521 | 240  | 697837   | 20.000 | ng    | 0.00       |
| 86) Perylene-d12            | 23.939 | 264  | 822474   | 20.000 | ng    | 0.00       |
| System Monitoring Compounds |        |      |          |        |       |            |
| 5) 2-Fluorophenol           | 5.516  | 112  | 499536   | 25.157 | ng    | 0.00       |
| 7) Phenol-d6                | 7.122  | 99   | 394089   | 14.557 | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 9.128  | 82   | 1296558  | 53.981 | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 16.086 | 330  | 256218   | 29.057 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 13.228 | 172  | 2376987  | 51.617 | ng    | 0.00       |
| 79) Terphenyl-d14           | 19.962 | 244  | 2101482  | 58.514 | ng    | 0.00       |
| Target Compounds            |        |      |          |        |       |            |
| 32) Benzoic acid            | 10.104 | 122  | 689      | 5.911  | ng    | Qvalue # 8 |
| 63) Azobenzene              | 15.951 | 77   | 326619   | 6.293  | ng    | # 1        |
| -----                       |        |      |          |        |       |            |

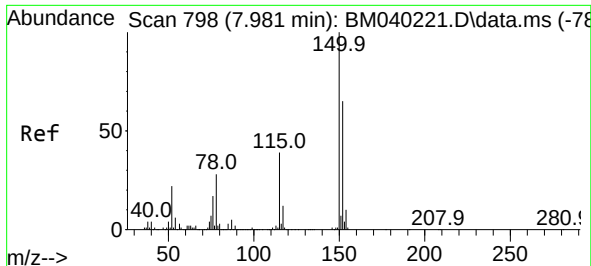
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM062123\  
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Sample : 03047-09  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

Quant Time: Jun 22 04:37:37 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM061323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 21 15:54:19 2023  
Response via : Initial Calibration

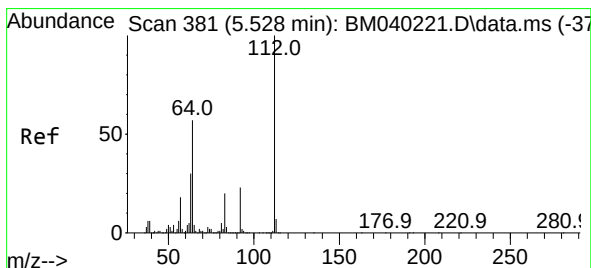
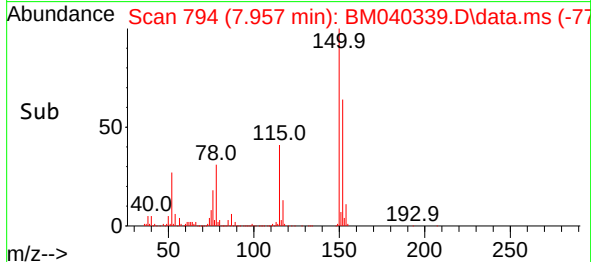
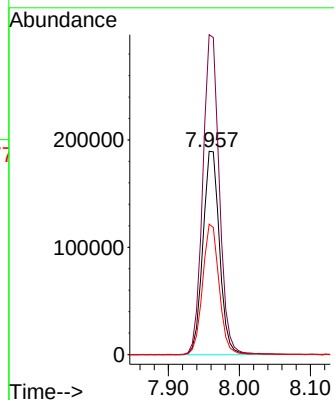
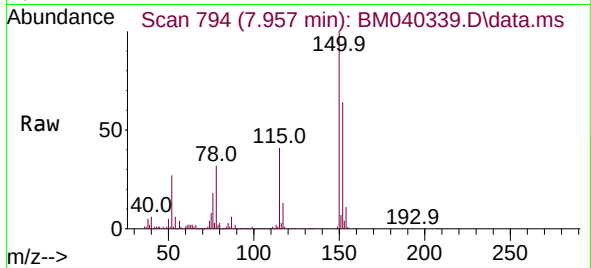




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.957 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

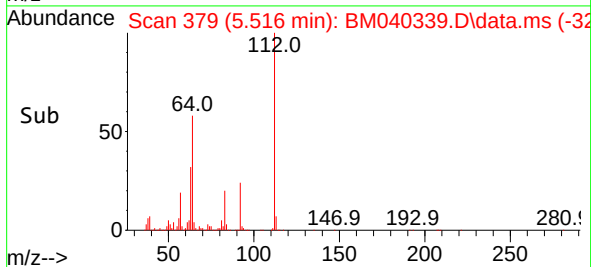
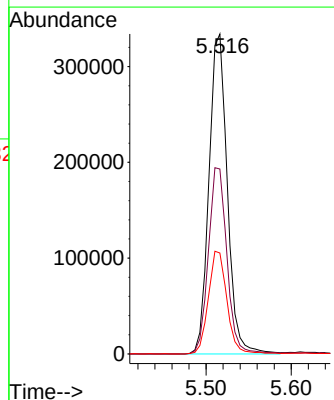
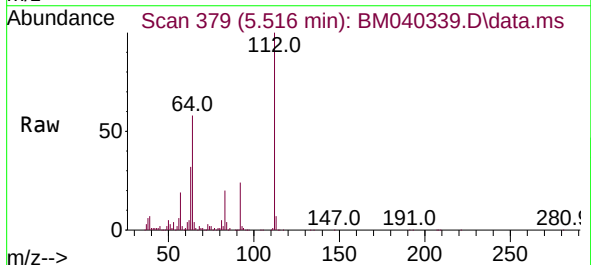
Instrument :  
BNA\_M  
ClientSampleId :

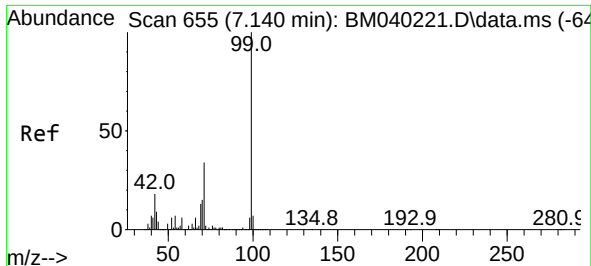
Tgt Ion:152 Resp: 307874  
Ion Ratio Lower Upper  
152 100  
150 157.4 122.5 183.7  
115 64.2 47.9 71.9



#5  
2-Fluorophenol  
Concen: 25.157 ng  
RT: 5.516 min Scan# 379  
Delta R.T. -0.000 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

Tgt Ion:112 Resp: 499536  
Ion Ratio Lower Upper  
112 100  
64 57.8 45.2 67.8  
63 31.5 24.2 36.4

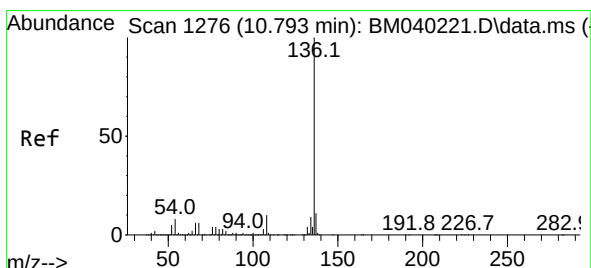
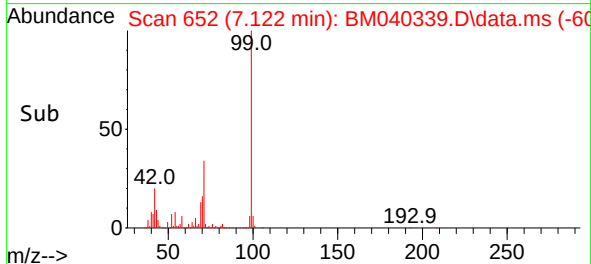
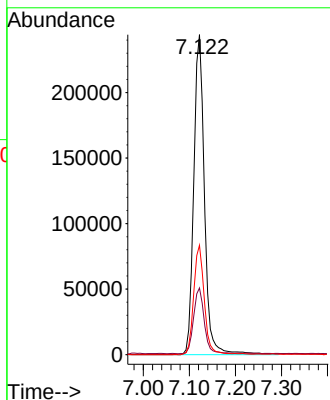
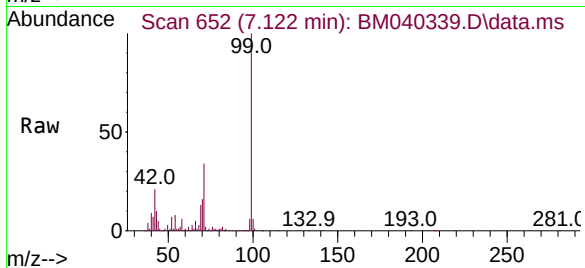




#7  
Phenol-d6  
Concen: 14.557 ng  
RT: 7.122 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

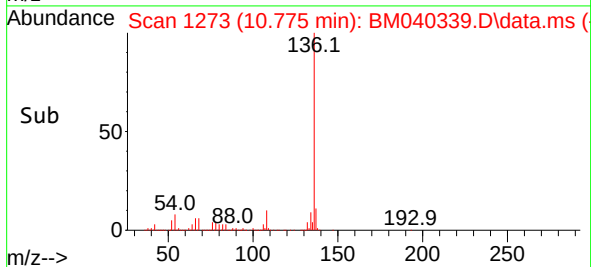
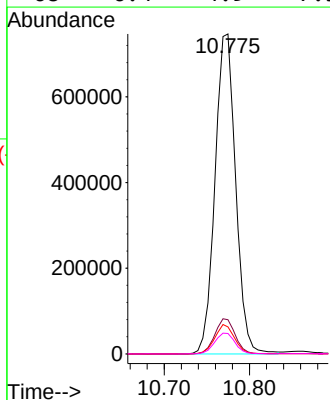
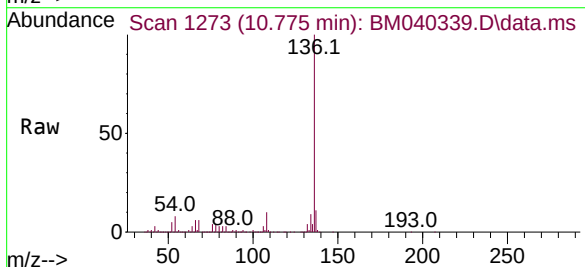
Instrument :  
BNA\_M  
ClientSampleId :

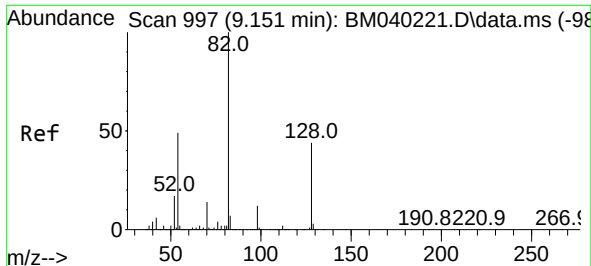
Tgt Ion: 99 Resp: 394089  
Ion Ratio Lower Upper  
99 100  
42 20.8 14.5 21.7  
71 34.2 26.9 40.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1273  
Delta R.T. -0.000 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

Tgt Ion: 136 Resp: 1257706  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.0 13.4  
54 8.4 6.2 9.4  
68 6.4 4.9 7.3

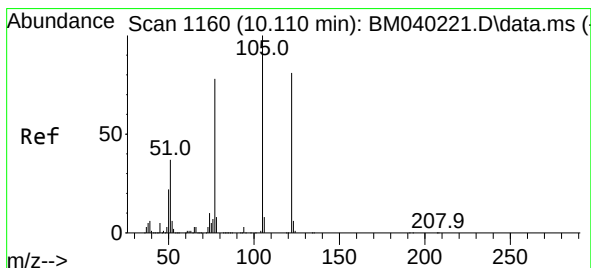
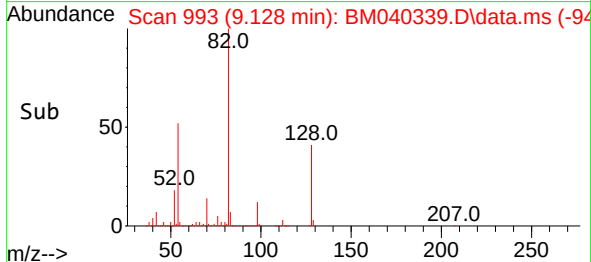
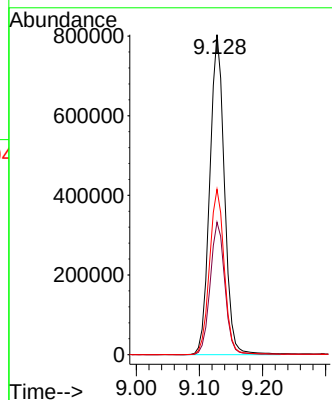
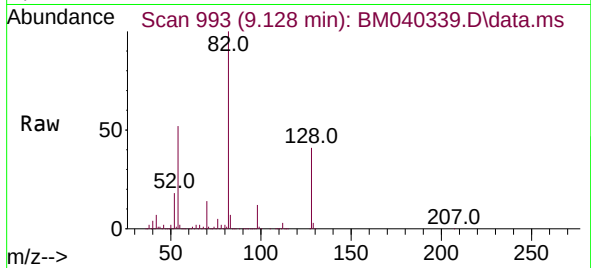




#23  
Nitrobenzene-d5  
Concen: 53.981 ng  
RT: 9.128 min Scan# 997  
Delta R.T. -0.006 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

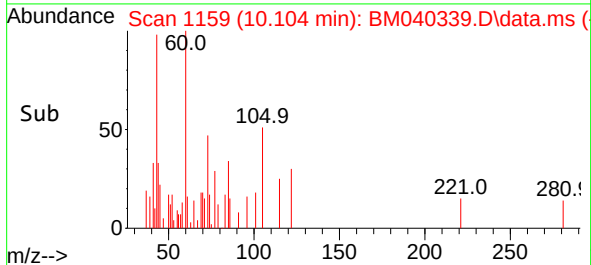
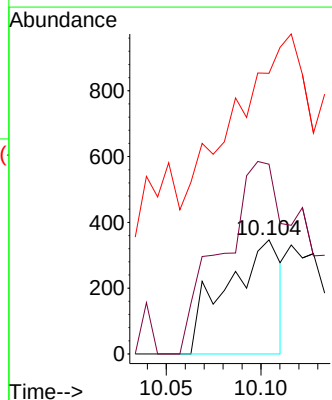
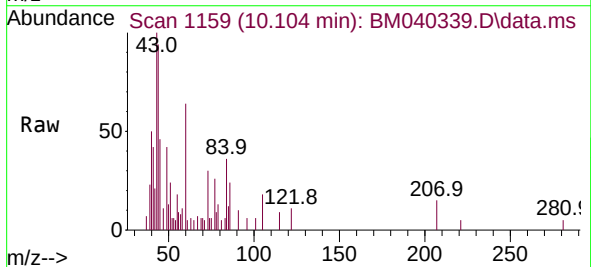
Instrument :  
BNA\_M  
ClientSampleId :

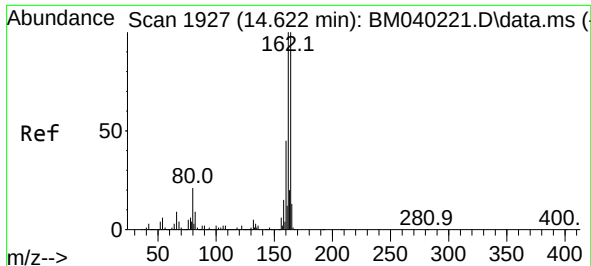
Tgt Ion: 82 Resp: 1296558  
Ion Ratio Lower Upper  
82 100  
128 41.4 35.3 52.9  
54 51.7 39.5 59.3



#32  
Benzoic acid  
Concen: 5.911 ng  
RT: 10.104 min Scan# 1159  
Delta R.T. 0.029 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

Tgt Ion:122 Resp: 689  
Ion Ratio Lower Upper  
122 100  
105 166.3 100.4 140.4#  
77 245.8 75.0 115.0#

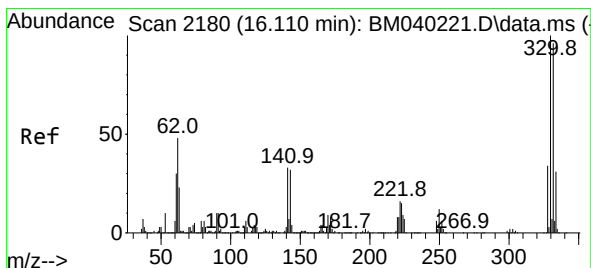
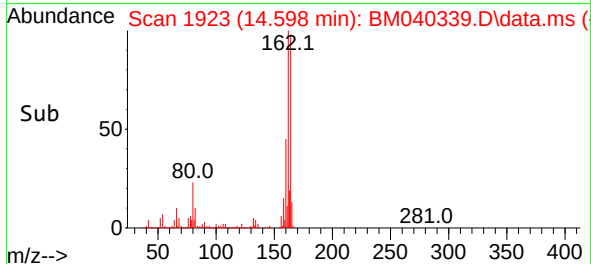
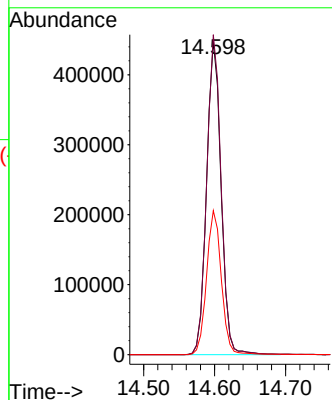
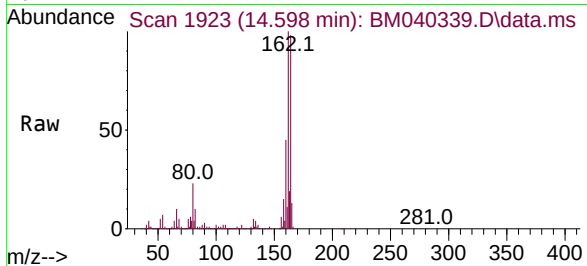




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.598 min Scan# 19  
Delta R.T. -0.006 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

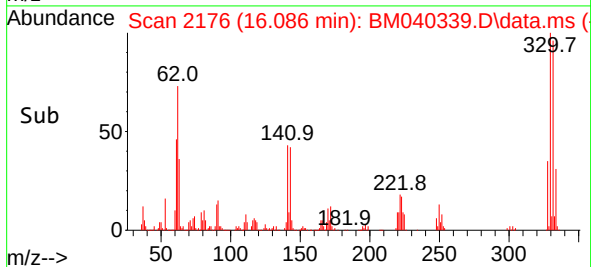
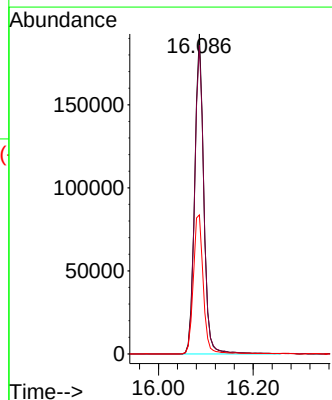
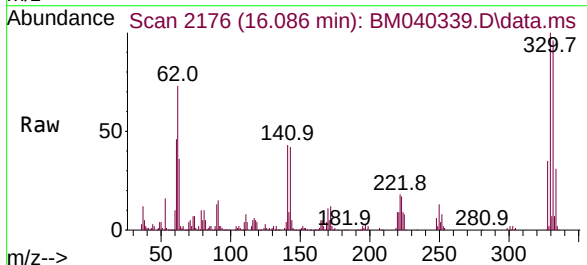
Instrument :  
BNA\_M  
ClientSampleId :

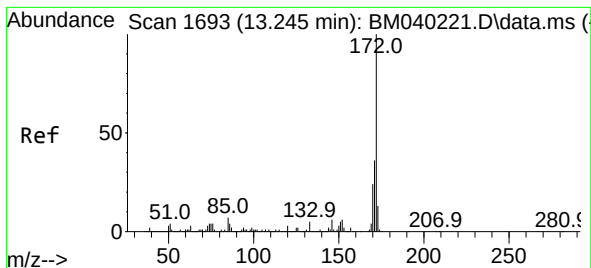
Tgt Ion:164 Resp: 632099  
Ion Ratio Lower Upper  
164 100  
162 102.2 79.9 119.9  
160 46.0 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 29.057 ng  
RT: 16.086 min Scan# 2176  
Delta R.T. -0.006 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

Tgt Ion:330 Resp: 256218  
Ion Ratio Lower Upper  
330 100  
332 97.6 77.5 116.3  
141 47.1 30.0 45.0#





#45

2-Fluorobiphenyl

Concen: 51.617 ng

RT: 13.228 min Scan# 1693

Delta R.T. -0.000 min

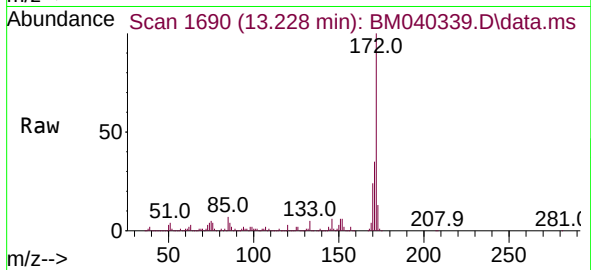
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Acq: 21 Jun 2023 17:52

Instrument :

BNA\_M

ClientSampleId :



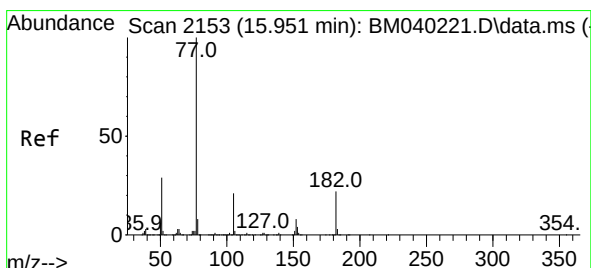
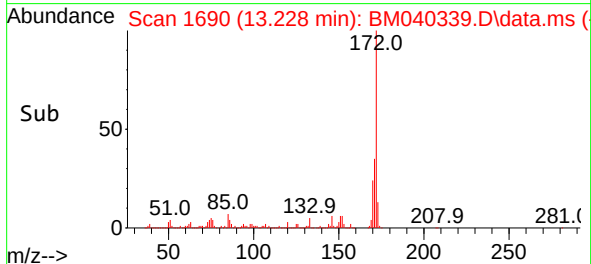
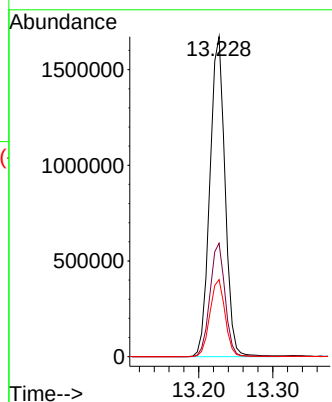
Tgt Ion:172 Resp: 2376987

Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 24.1 19.5 29.3



#63

Azobenzene

Concen: 6.293 ng

RT: 15.951 min Scan# 2153

Delta R.T. 0.017 min

Lab File: BM040339.D

Acq: 21 Jun 2023 17:52

Tgt Ion: 77 Resp: 326619

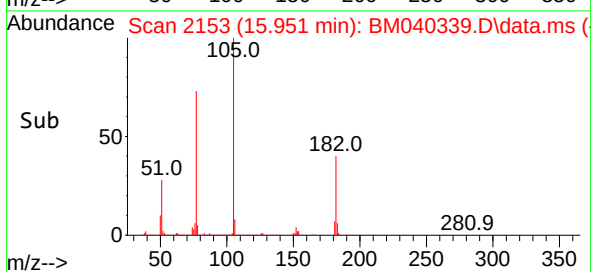
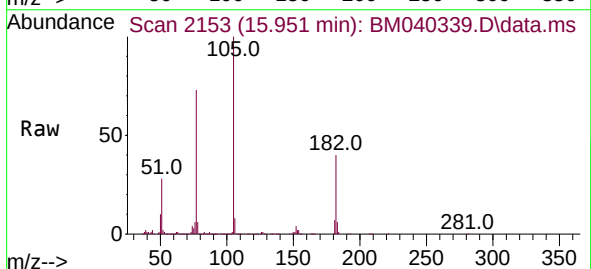
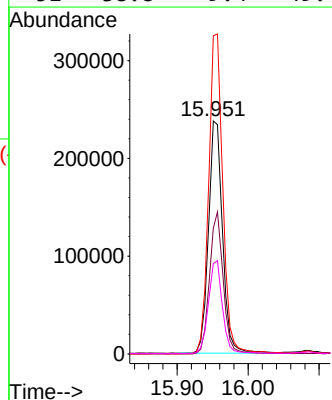
Ion Ratio Lower Upper

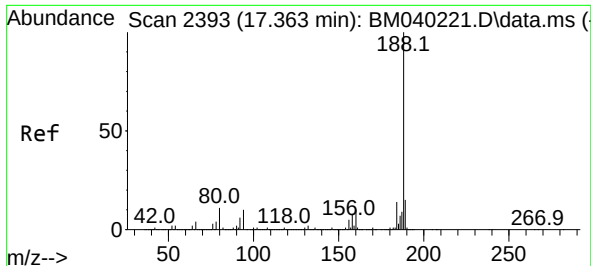
77 100

182 54.0 2.1 42.1#

105 136.6 1.2 41.2#

51 38.8 9.4 49.4

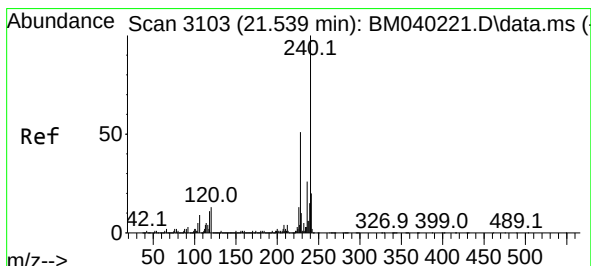
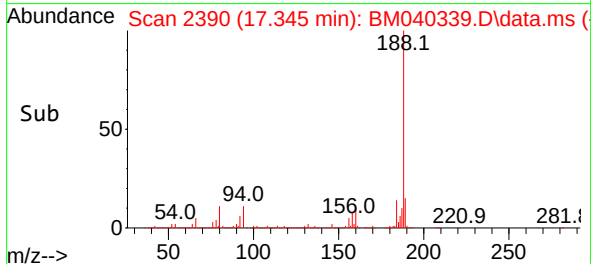
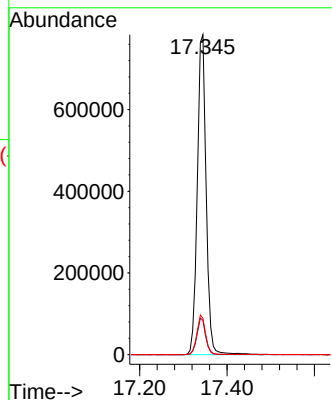
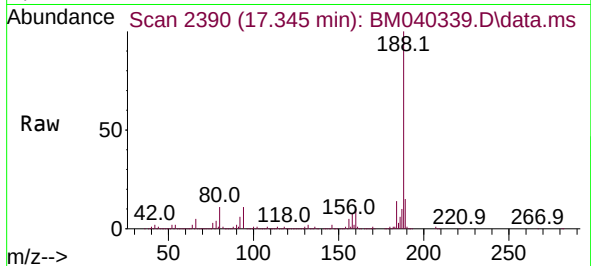




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.345 min Scan# 2390  
Delta R.T. -0.000 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

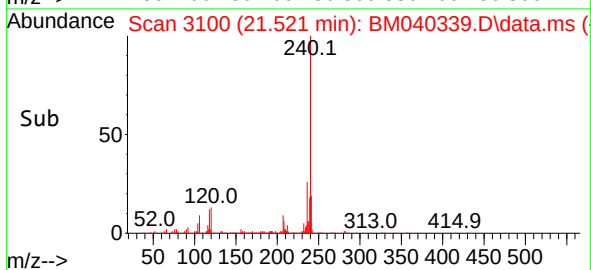
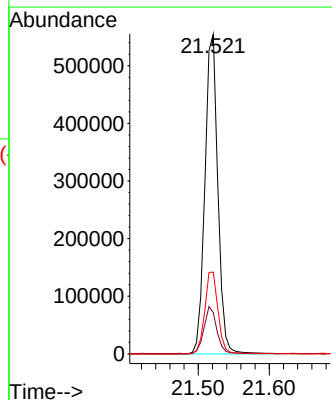
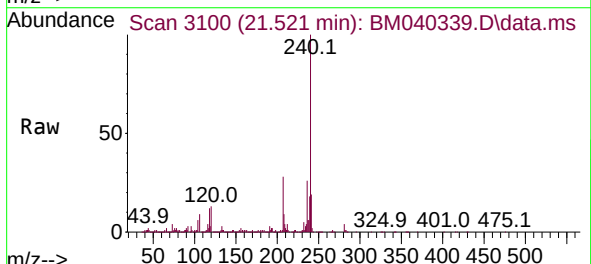
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:188 Resp: 1102112  
Ion Ratio Lower Upper  
188 100  
94 10.7 7.8 11.6  
80 11.3 8.6 12.8

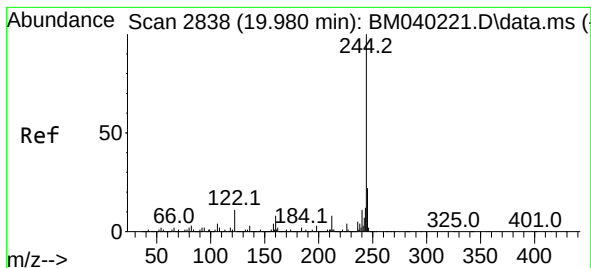


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.521 min Scan# 3100  
Delta R.T. -0.000 min  
Lab File: BM040339.D  
Acq: 21 Jun 2023 17:52

Tgt Ion:240 Resp: 697837  
Ion Ratio Lower Upper  
240 100  
120 12.9 10.1 15.1  
236 25.5 21.0 31.4







#79

Terphenyl-d14

Concen: 58.514 ng

RT: 19.962 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040339.D

Acq: 21 Jun 2023 17:52

Instrument :

BNA\_M

ClientSampleId :

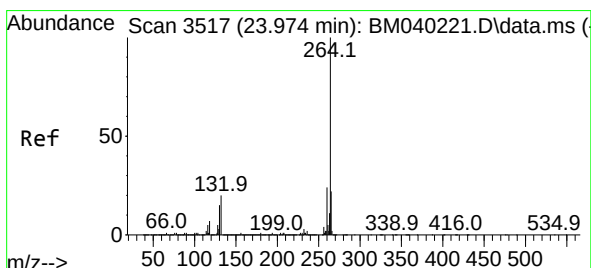
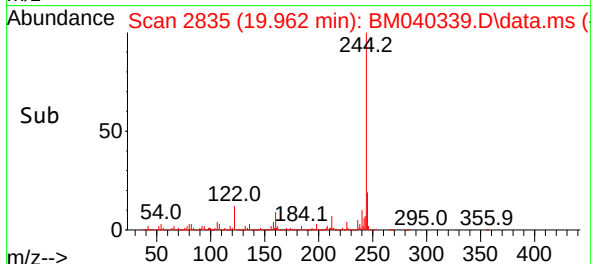
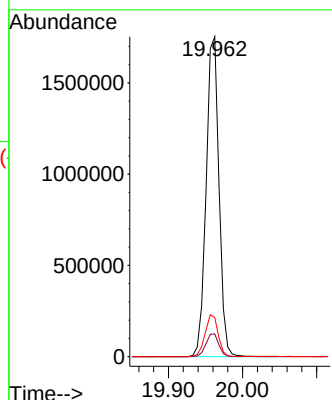
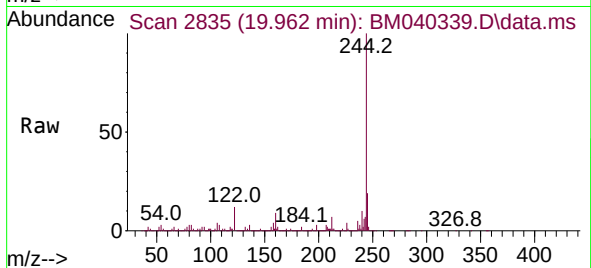
Tgt Ion:244 Resp: 2101482

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 12.2 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.939 min Scan# 3511

Delta R.T. -0.006 min

Lab File: BM040339.D

Acq: 21 Jun 2023 17:52

Tgt Ion:264 Resp: 822474

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.2 17.5 26.3

