

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060723\  
 Data File : BM040142.D  
 Acq On : 07 Jun 2023 15:32  
 Operator : MA/JU  
 Sample : PB153224TB  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB153224TB

Quant Time: Jun 07 16:10:51 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 06 16:45:42 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.992  | 152  | 243740   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.804 | 136  | 1030361  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.627 | 164  | 578568   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.368 | 188  | 1239825  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.544 | 240  | 1027965  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 23.985 | 264  | 1027617  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 2396189  | 150.800 | ng    | 0.00     |
| 7) Phenol-d6                | 7.151  | 99   | 3068566  | 148.040 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.157  | 82   | 1587151  | 83.119  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.115 | 330  | 1133189  | 150.903 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.257 | 172  | 3897332  | 79.452  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.992 | 244  | 7482213  | 113.016 | ng    | 0.00     |

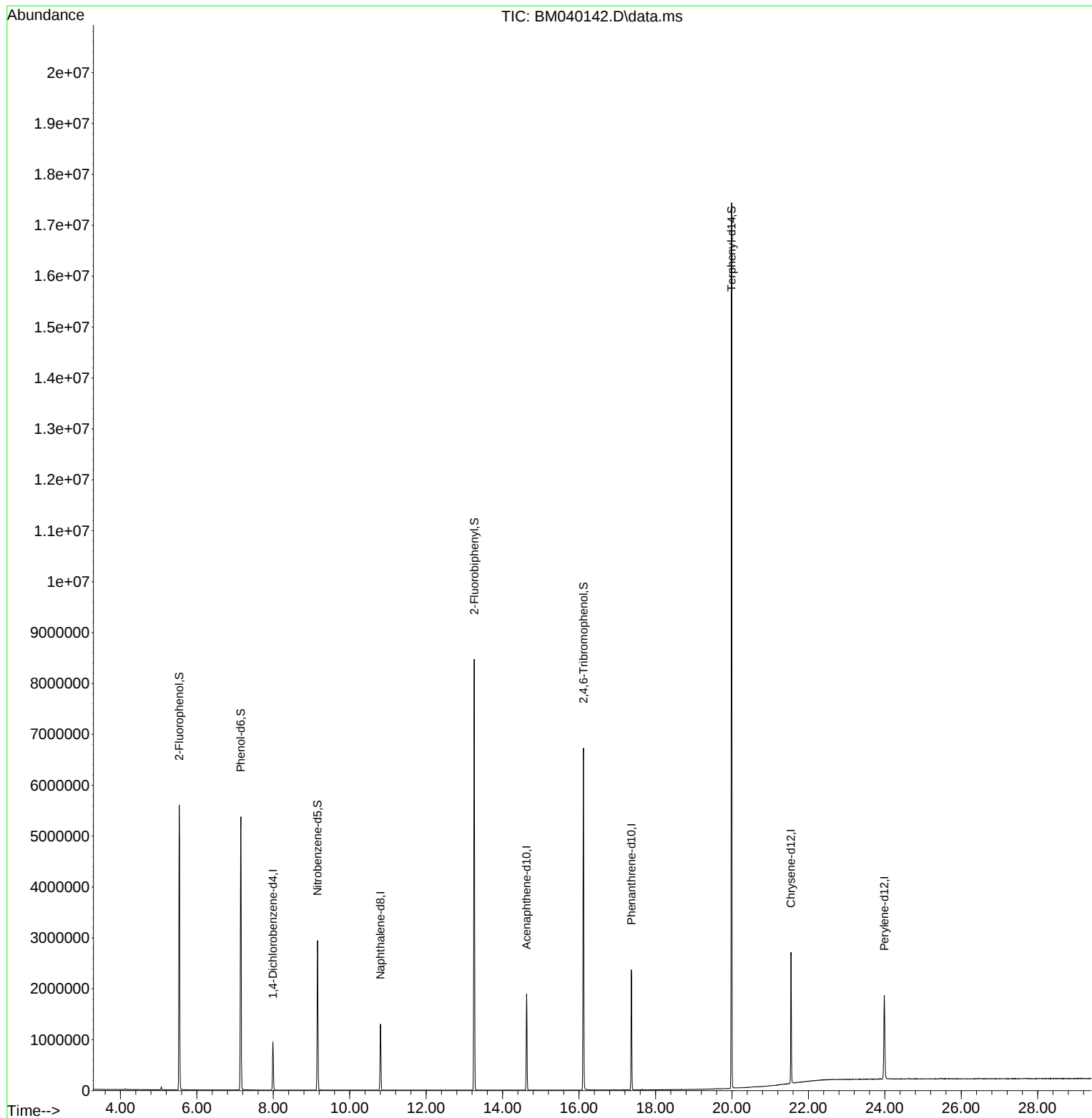
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

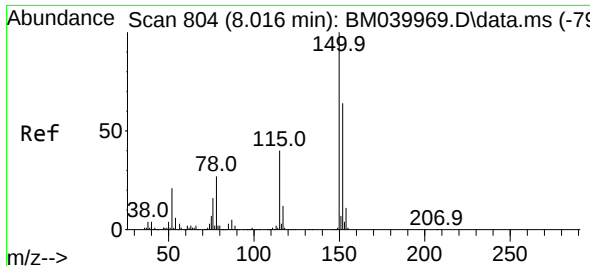
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060723\  
Data File : BM040142.D  
Acq On : 07 Jun 2023 15:32  
Operator : MA/JU  
Sample : PB153224TB  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB153224TB

Quant Time: Jun 07 16:10:51 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 06 16:45:42 2023  
Response via : Initial Calibration

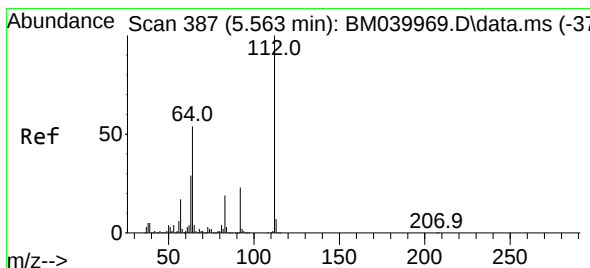
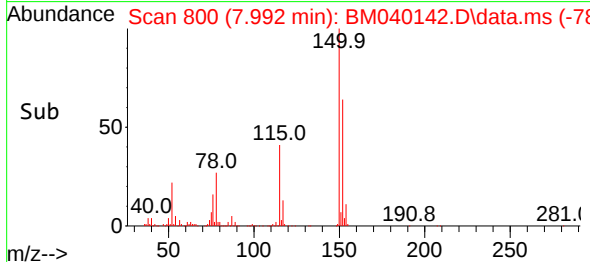
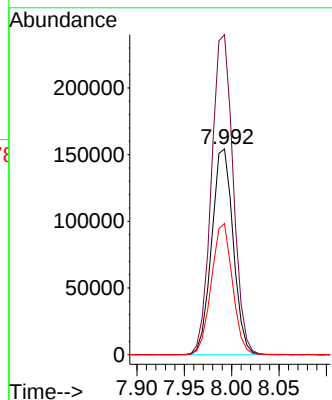
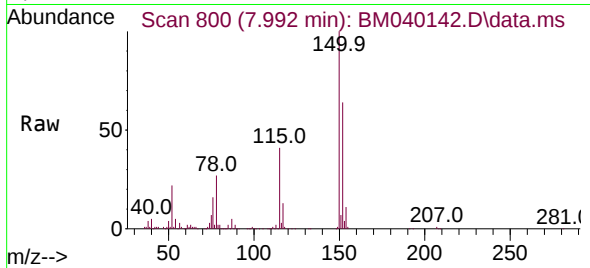




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.992 min Scan# 804  
Delta R.T. -0.007 min  
Lab File: BM040142.D  
Acq: 07 Jun 2023 15:32

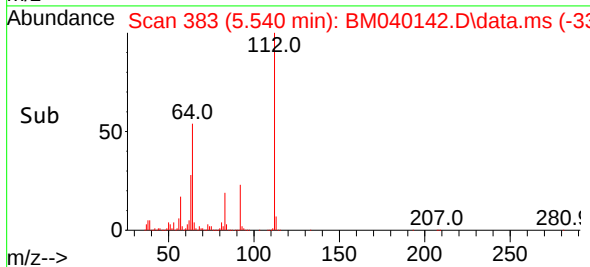
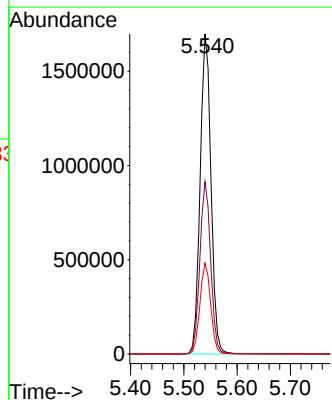
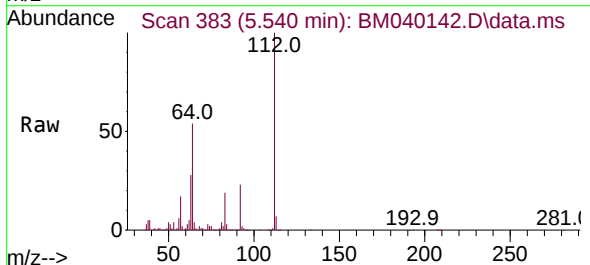
Instrument :  
BNA\_M  
ClientSampleId :  
PB153224TB

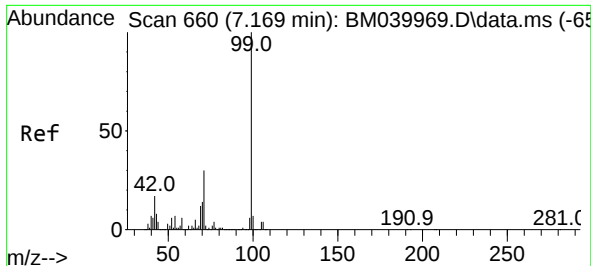
Tgt Ion:152 Resp: 243740  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.5 188.3  
115 63.8 50.2 75.2



#5  
2-Fluorophenol  
Concen: 150.800 ng  
RT: 5.540 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: BM040142.D  
Acq: 07 Jun 2023 15:32

Tgt Ion:112 Resp: 2396189  
Ion Ratio Lower Upper  
112 100  
64 53.8 43.0 64.4  
63 28.4 22.9 34.3

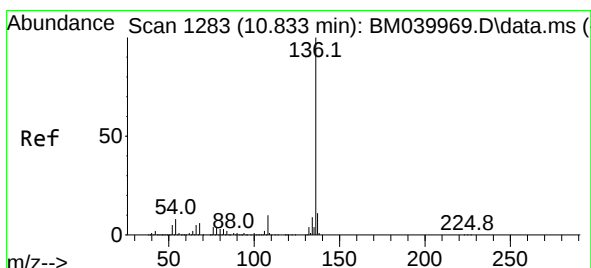
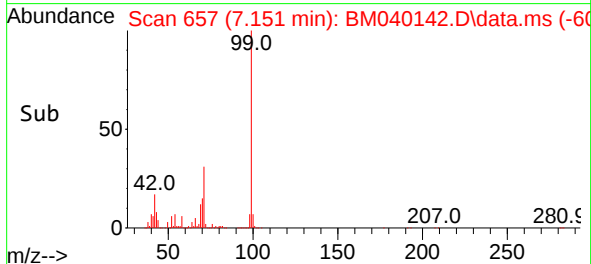
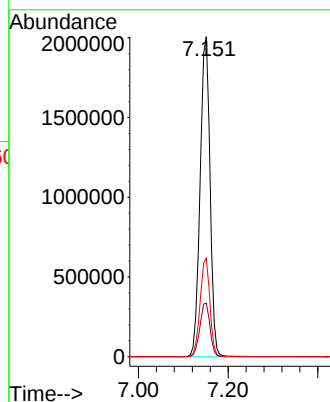
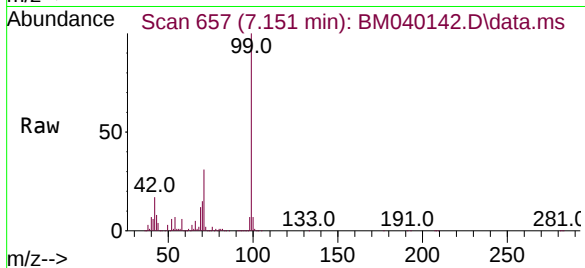




#7  
Phenol-d6  
Concen: 148.040 ng  
RT: 7.151 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040142.D  
Acq: 07 Jun 2023 15:32

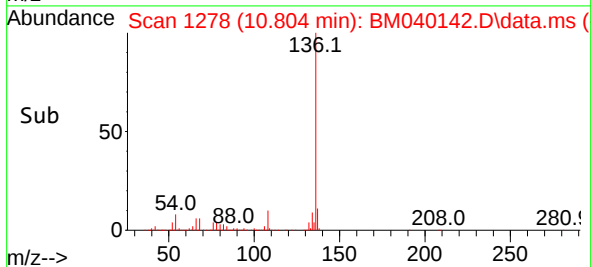
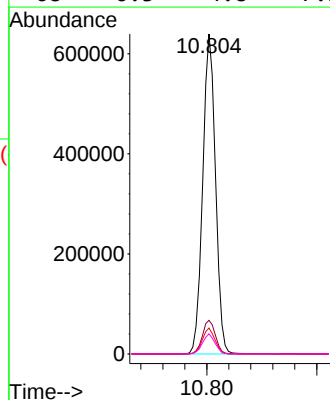
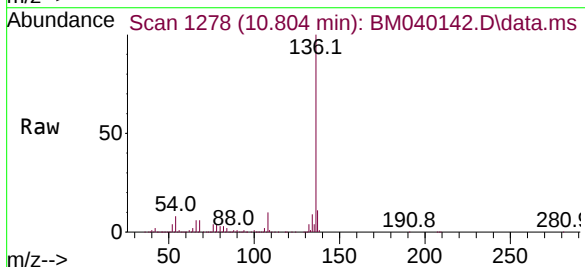
Instrument :  
BNA\_M  
ClientSampleId :  
PB153224TB

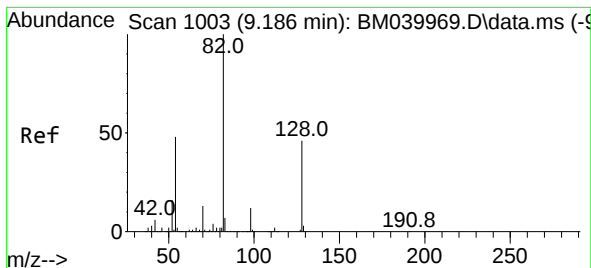
Tgt Ion: 99 Resp: 3068566  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.8 20.6  
71 30.8 24.4 36.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.804 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BM040142.D  
Acq: 07 Jun 2023 15:32

Tgt Ion: 136 Resp: 1030361  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.7 13.1  
54 8.1 6.1 9.1  
68 6.3 4.8 7.2

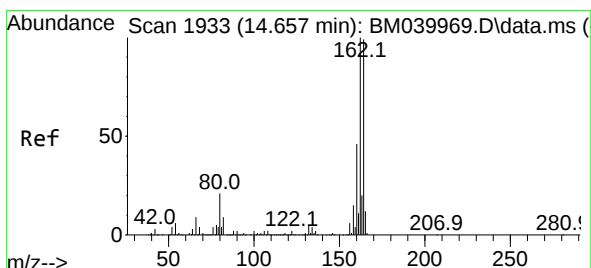
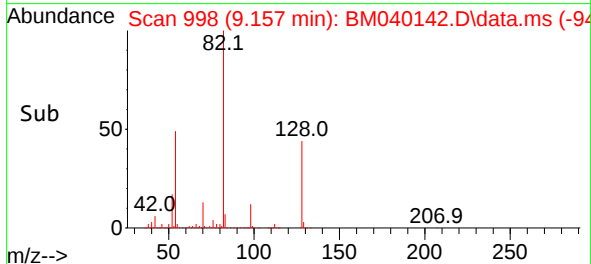
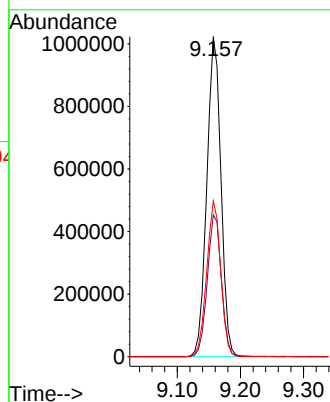
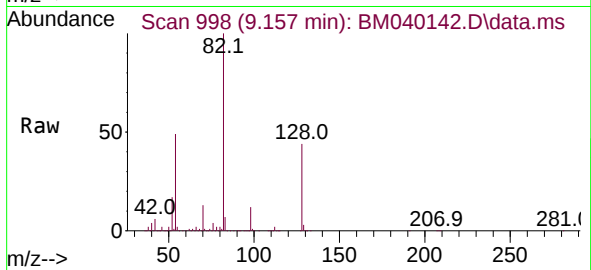




#23  
Nitrobenzene-d5  
Concen: 83.119 ng  
RT: 9.157 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BM040142.D  
Acq: 07 Jun 2023 15:32

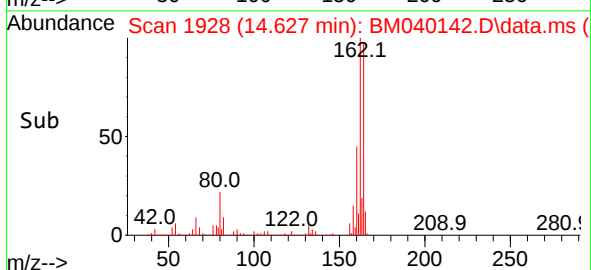
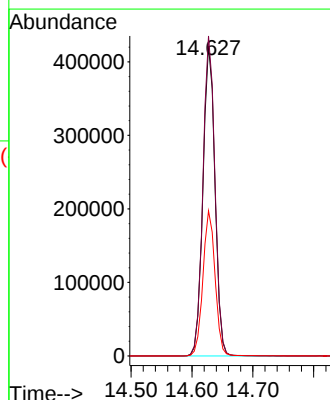
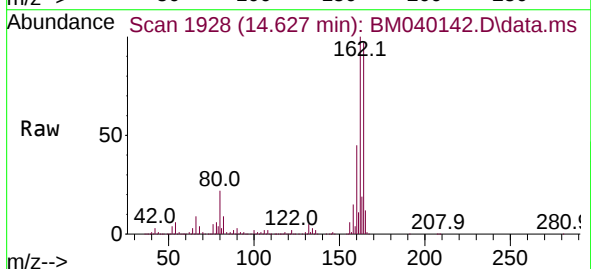
Instrument :  
BNA\_M  
ClientSampleId :  
PB153224TB

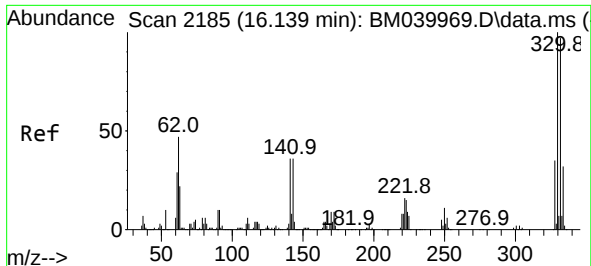
Tgt Ion: 82 Resp: 1587151  
Ion Ratio Lower Upper  
82 100  
128 44.3 36.5 54.7  
54 48.7 38.3 57.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.627 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: BM040142.D  
Acq: 07 Jun 2023 15:32

Tgt Ion: 164 Resp: 578568  
Ion Ratio Lower Upper  
164 100  
162 103.2 80.6 120.8  
160 46.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 150.903 ng

RT: 16.115 min Scan# 2185

Delta R.T. -0.006 min

Lab File: BM040142.D

Acq: 07 Jun 2023 15:32

Instrument :

BNA\_M

ClientSampleId :

PB153224TB

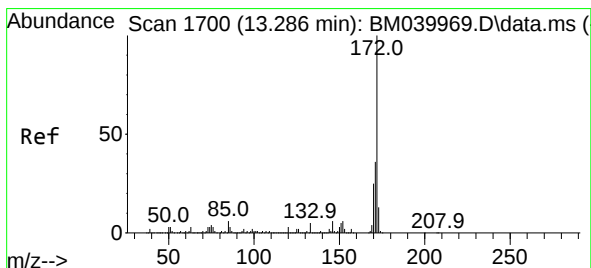
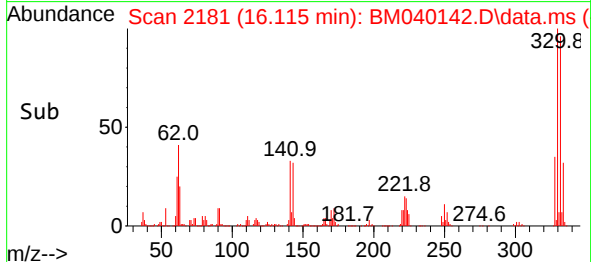
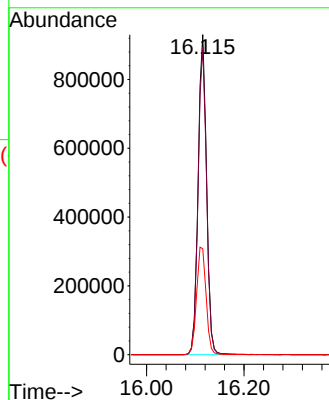
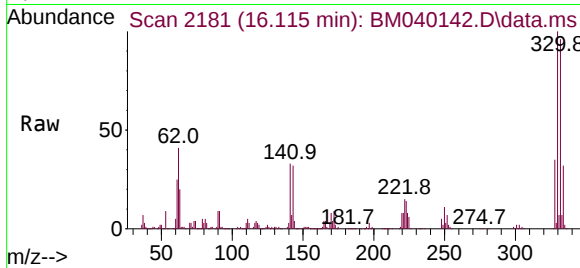
Tgt Ion:330 Resp: 1133189

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

141 37.7 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 79.452 ng

RT: 13.257 min Scan# 1695

Delta R.T. -0.006 min

Lab File: BM040142.D

Acq: 07 Jun 2023 15:32

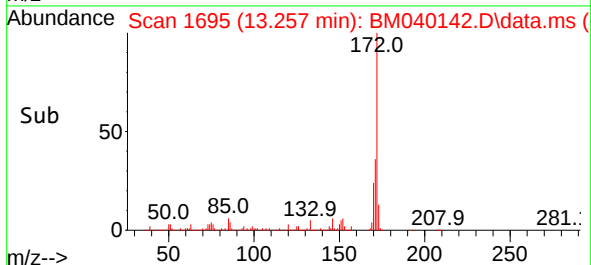
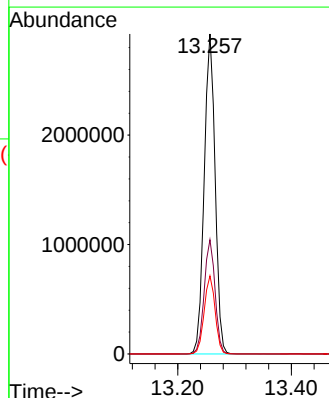
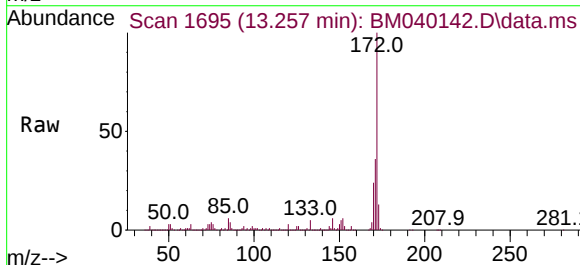
Tgt Ion:172 Resp: 3897332

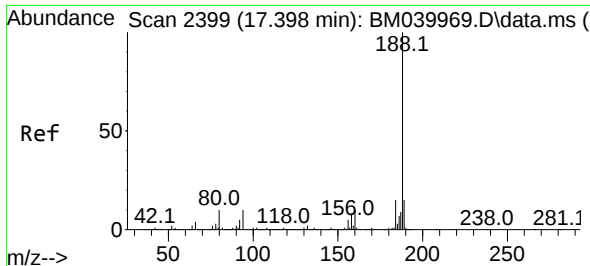
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 24.4 19.6 29.4

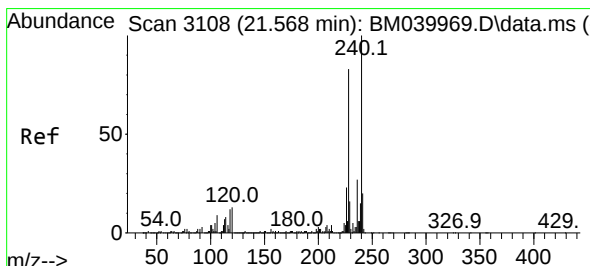
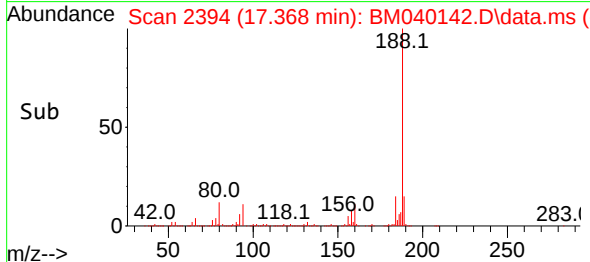
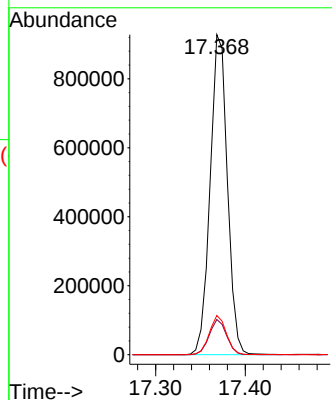
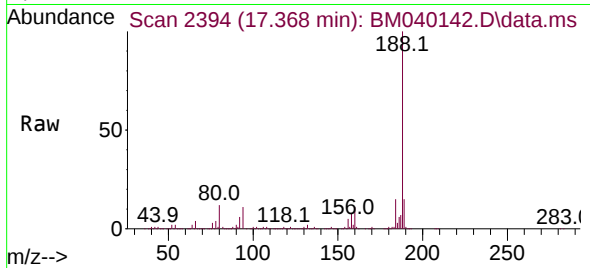




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.368 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BM040142.D  
Acq: 07 Jun 2023 15:32

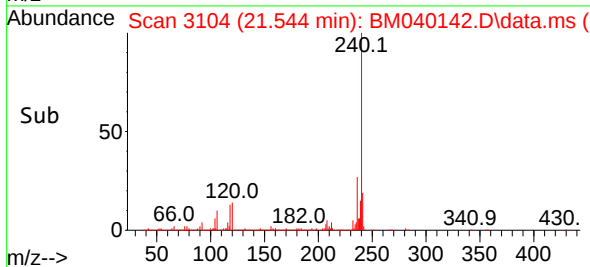
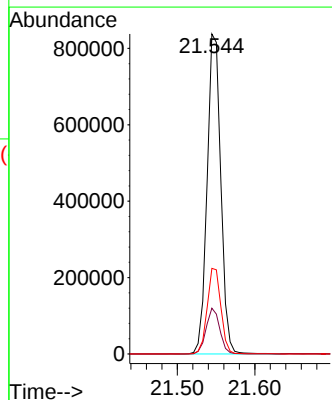
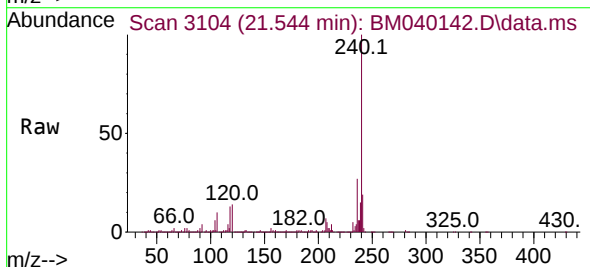
Instrument :  
BNA\_M  
ClientSampleId :  
PB153224TB

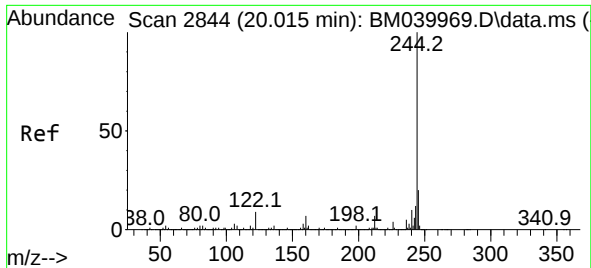
Tgt Ion:188 Resp: 1239825  
Ion Ratio Lower Upper  
188 100  
94 11.0 7.8 11.8  
80 12.3 8.2 12.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.544 min Scan# 3104  
Delta R.T. -0.012 min  
Lab File: BM040142.D  
Acq: 07 Jun 2023 15:32

Tgt Ion:240 Resp: 1027965  
Ion Ratio Lower Upper  
240 100  
120 14.3 10.1 15.1  
236 26.7 21.3 31.9

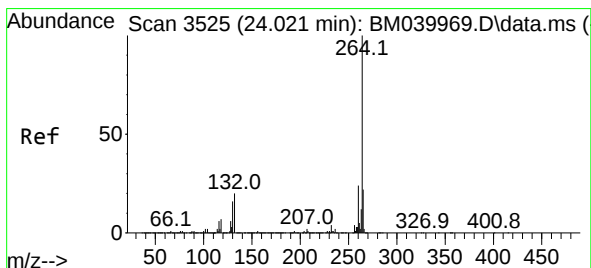
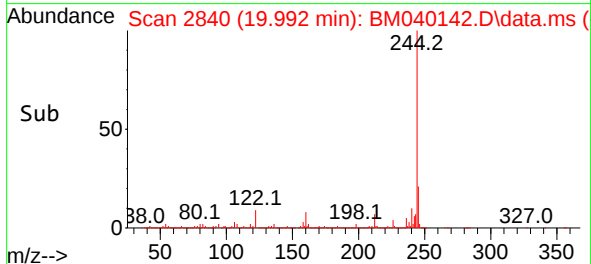
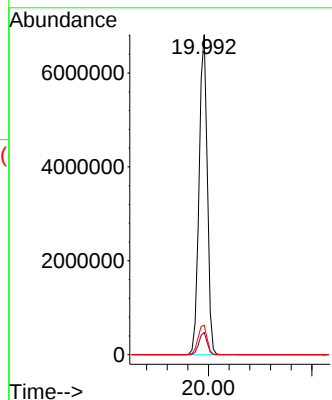
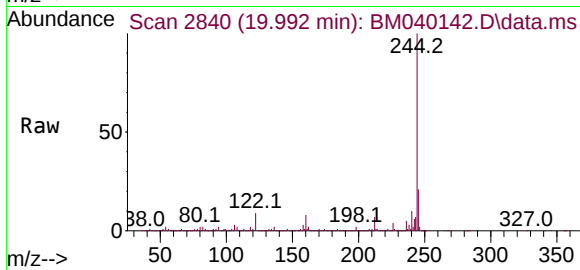




#79  
 Terphenyl-d14  
 Concen: 113.016 ng  
 RT: 19.992 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM040142.D  
 Acq: 07 Jun 2023 15:32

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB153224TB

Tgt Ion:244 Resp: 7482213  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.4 8.0  
 122 9.2 7.1 10.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.985 min Scan# 3519  
 Delta R.T. -0.006 min  
 Lab File: BM040142.D  
 Acq: 07 Jun 2023 15:32

Tgt Ion:264 Resp: 1027617  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.5 29.3  
 265 21.6 17.7 26.5

