

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
 Data File : BM040124.D  
 Acq On : 07 Jun 2023 04:40  
 Operator : MA/JU  
 Sample : PB153186TB  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB153186TB

Quant Time: Jun 07 05:31:03 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

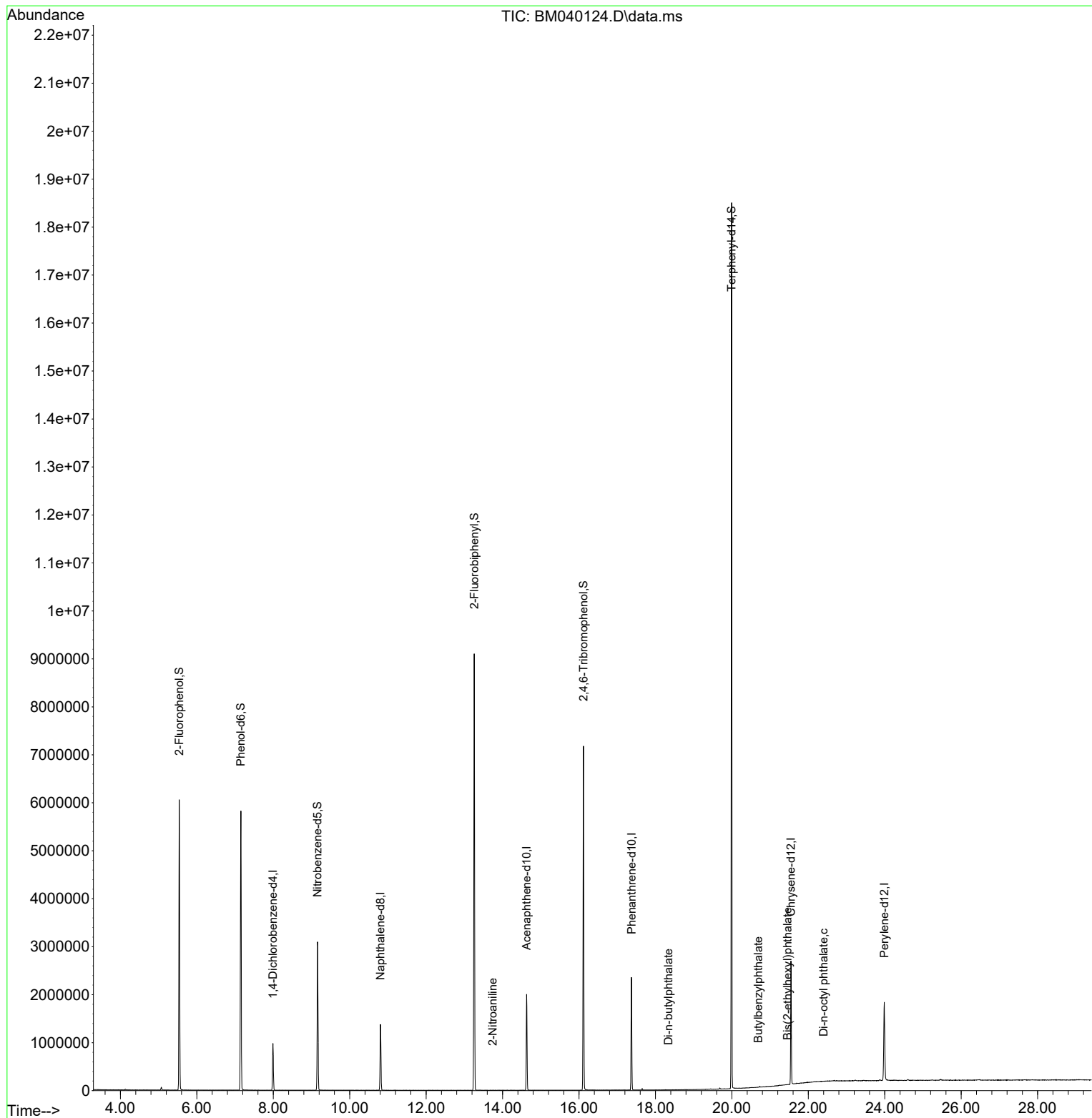
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.993  | 152  | 251949   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.804 | 136  | 1087550  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.627 | 164  | 597434   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.374 | 188  | 1260752  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.545 | 240  | 1007152  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 23.986 | 264  | 1023354  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 2570082  | 156.474 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.151  | 99   | 3307770  | 154.381 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.157  | 82   | 1698423  | 84.269  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.116 | 330  | 1136337  | 146.544 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.257 | 172  | 4111450  | 81.170  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.992 | 244  | 7589068  | 116.999 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 48) 2-Nitroaniline            | 13.739 | 65   | 54       | 2.565   | ng    | # 2      |
| 74) Di-n-butylphthalate       | 18.339 | 149  | 395      | 3.666   | ng    | # 78     |
| 80) Butylbenzylphthalate      | 20.692 | 149  | 363      | 4.843   | ng    | # 56     |
| 84) Bis(2-ethylhexyl)phtha... | 21.456 | 149  | 256      | 3.607   | ng    | # 53     |
| 85) Di-n-octyl phthalate      | 22.397 | 149  | 351      | 6.617   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

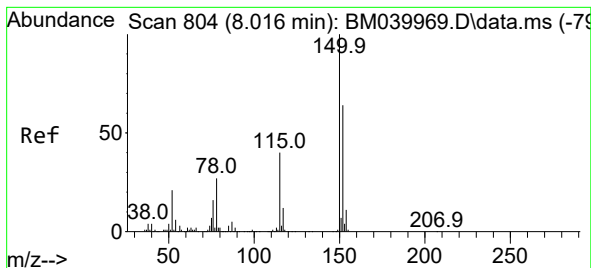
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
Data File : BM040124.D  
Acq On : 07 Jun 2023 04:40  
Operator : MA/JU  
Sample : PB153186TB  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB153186TB

Quant Time: Jun 07 05:31:03 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

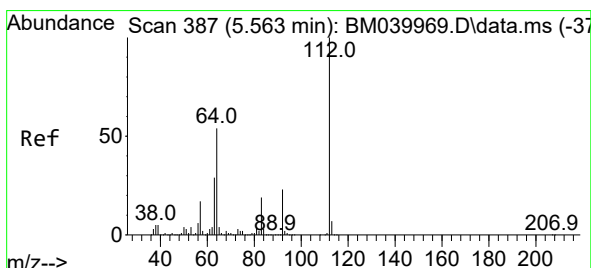
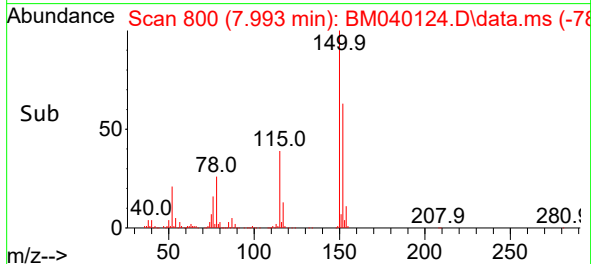
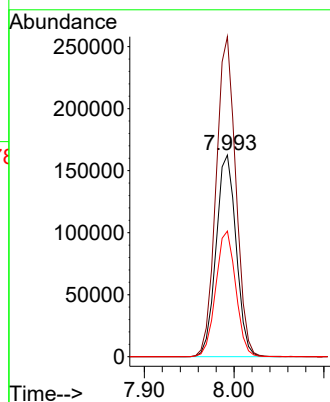
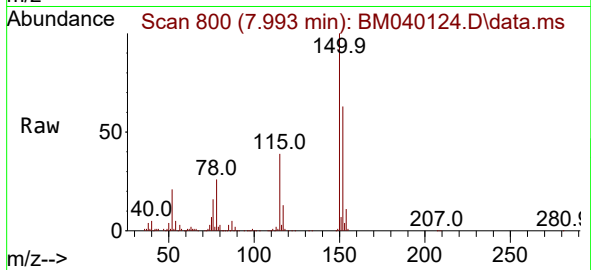




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.993 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

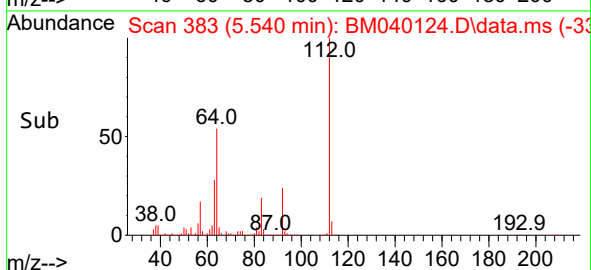
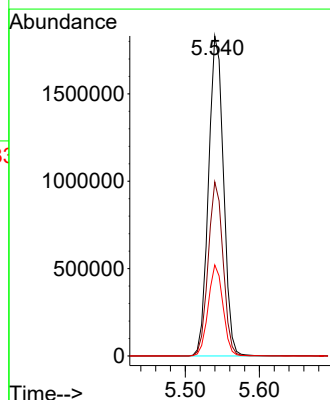
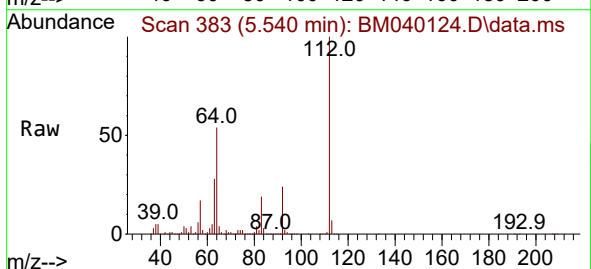
Instrument :  
BNA\_M  
ClientSampleId :  
PB153186TB

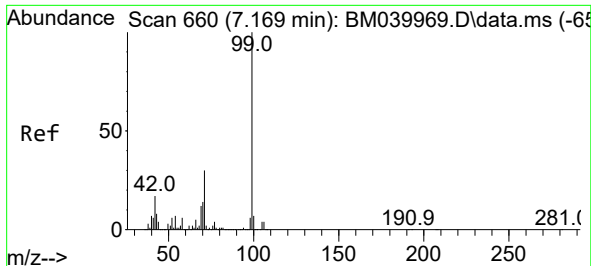
Tgt Ion:152 Resp: 251949  
Ion Ratio Lower Upper  
152 100  
150 158.7 125.5 188.3  
115 62.2 50.2 75.2



#5  
2-Fluorophenol  
Concen: 156.474 ng  
RT: 5.540 min Scan# 383  
Delta R.T. -0.000 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

Tgt Ion:112 Resp: 2570082  
Ion Ratio Lower Upper  
112 100  
64 54.4 43.0 64.4  
63 28.5 22.9 34.3

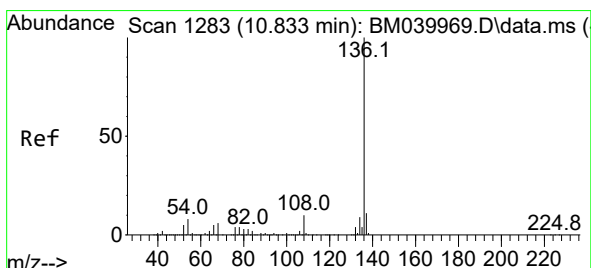
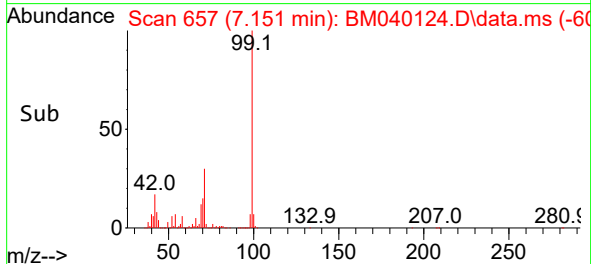
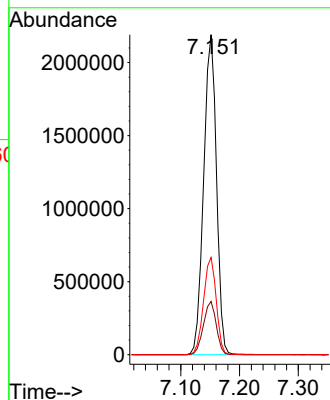
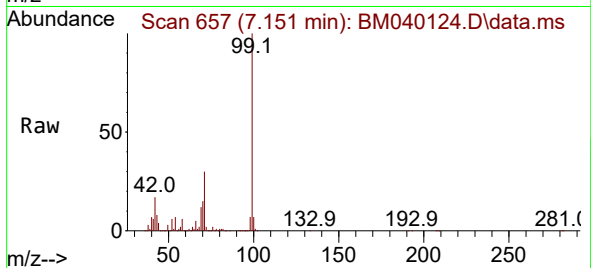




#7  
Phenol-d6  
Concen: 154.381 ng  
RT: 7.151 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

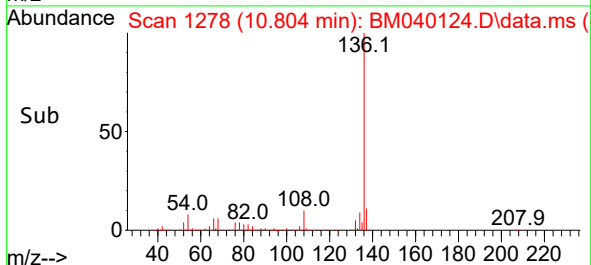
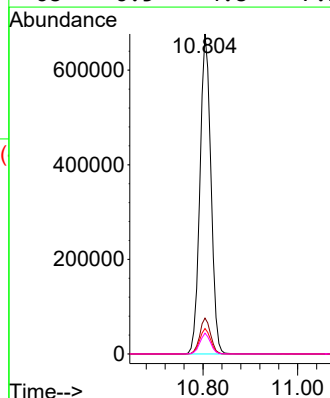
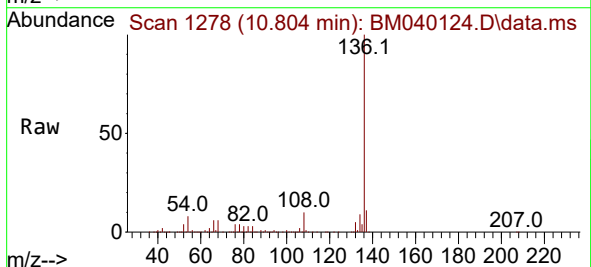
Instrument :  
BNA\_M  
ClientSampleId :  
PB153186TB

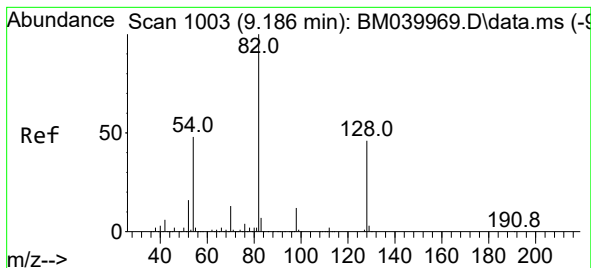
Tgt Ion: 99 Resp: 3307770  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.8 20.6  
71 30.4 24.4 36.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.804 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

Tgt Ion: 136 Resp: 1087550  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.7 13.1  
54 7.9 6.1 9.1  
68 6.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.269 ng

RT: 9.157 min Scan# 91

Delta R.T. -0.006 min

Lab File: BM040124.D

Acq: 07 Jun 2023 04:40

Instrument :

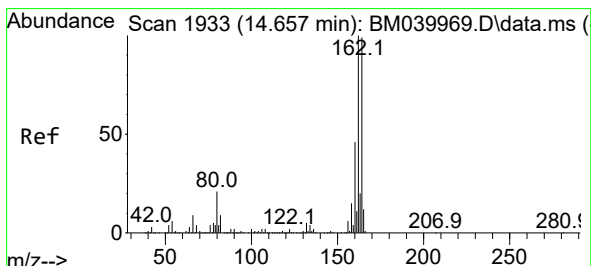
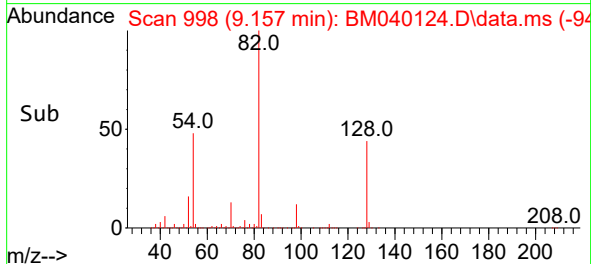
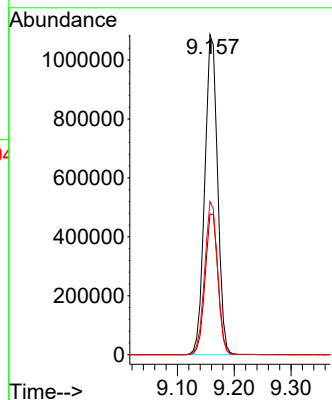
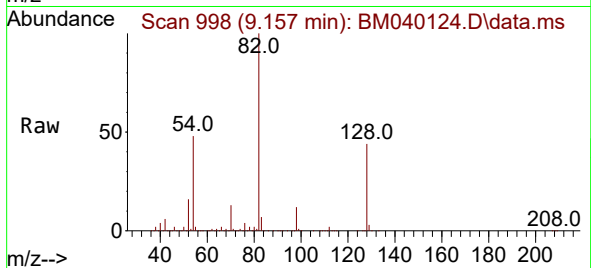
BNA\_M

ClientSampleId :

PB153186TB

Tgt Ion: 82 Resp: 1698423

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.9  | 36.5  | 54.7  |
| 54  | 47.8  | 38.3  | 57.5  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.627 min Scan# 1928

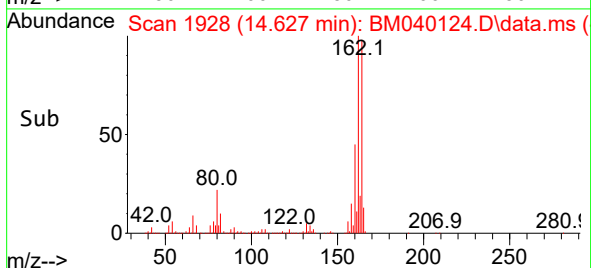
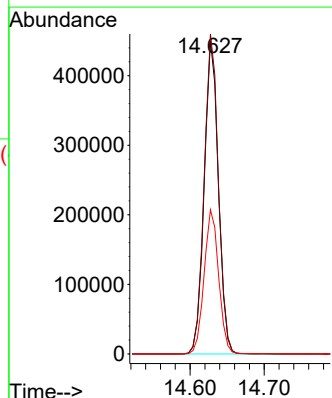
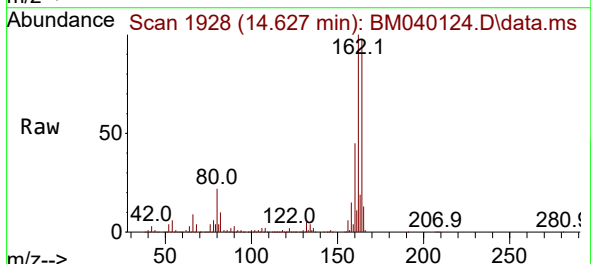
Delta R.T. -0.006 min

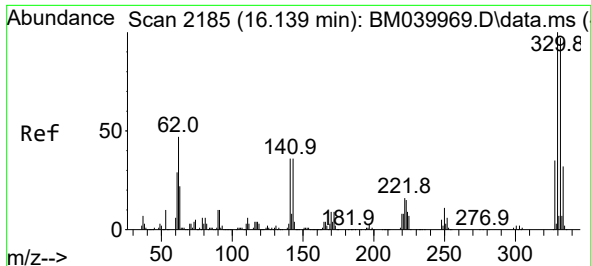
Lab File: BM040124.D

Acq: 07 Jun 2023 04:40

Tgt Ion: 164 Resp: 597434

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.1 | 80.6  | 120.8 |
| 160 | 46.0  | 36.7  | 55.1  |

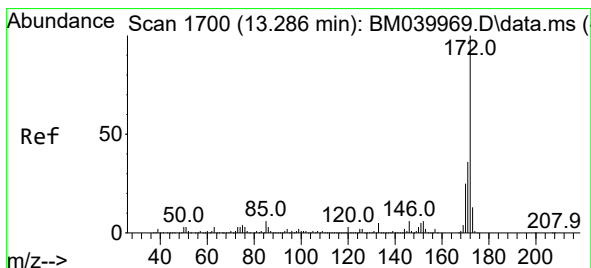
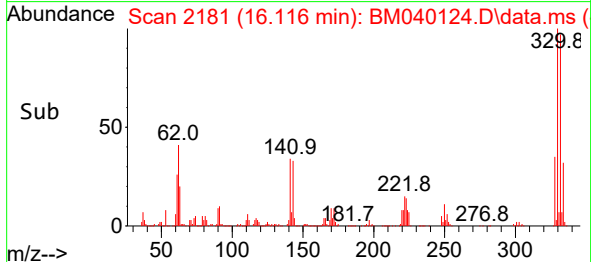
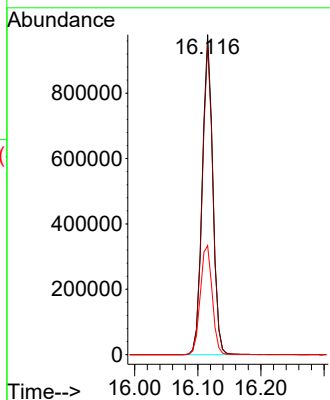
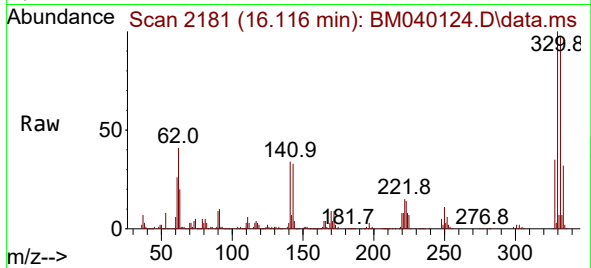




#42  
2,4,6-Tribromophenol  
Concen: 146.544 ng  
RT: 16.116 min Scan# 2185  
Delta R.T. -0.006 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

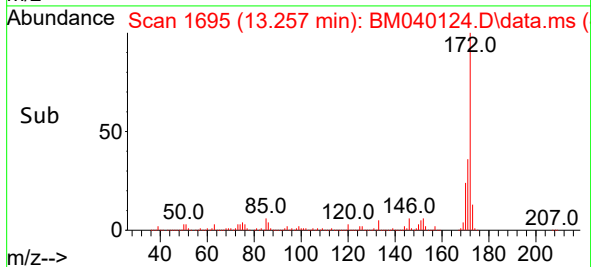
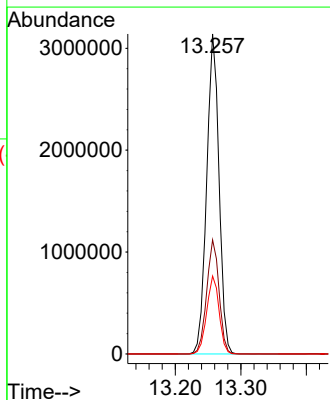
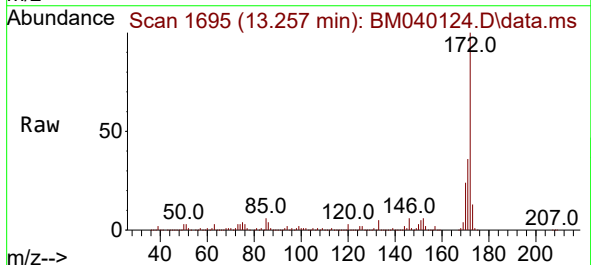
Instrument :  
BNA\_M  
ClientSampleId :  
PB153186TB

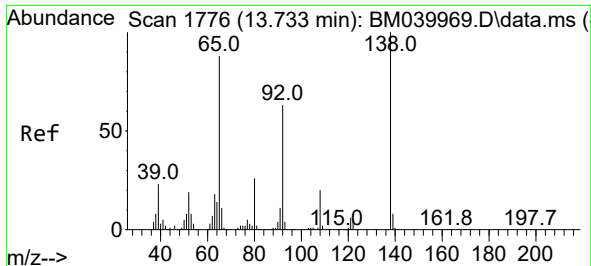
Tgt Ion:330 Resp: 1136337  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.4 116.2  
141 38.4 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 81.170 ng  
RT: 13.257 min Scan# 1695  
Delta R.T. -0.006 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

Tgt Ion:172 Resp: 4111450  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.8 43.2  
170 24.3 19.6 29.4

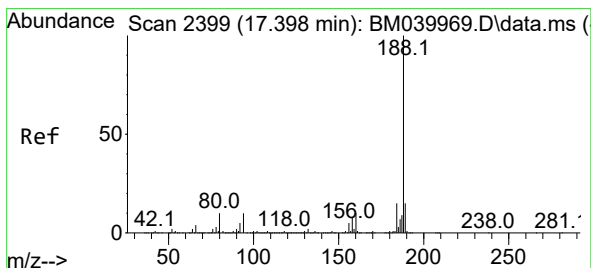
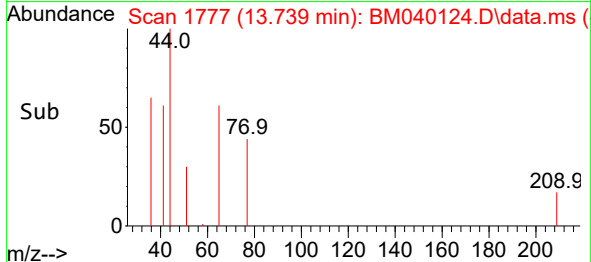
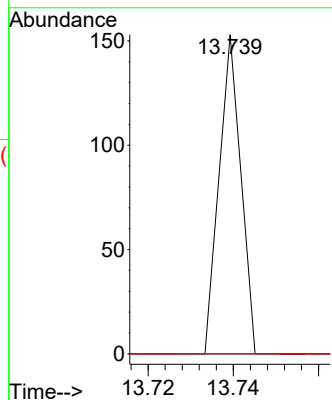
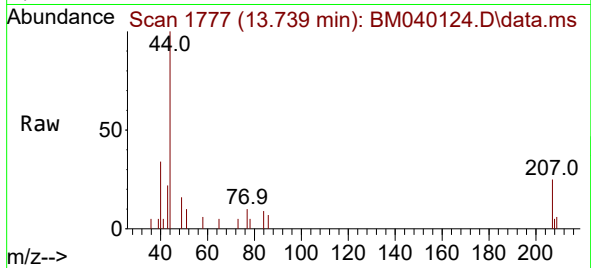




#48  
2-Nitroaniline  
Concen: 2.565 ng  
RT: 13.739 min Scan# 11  
Delta R.T. 0.023 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

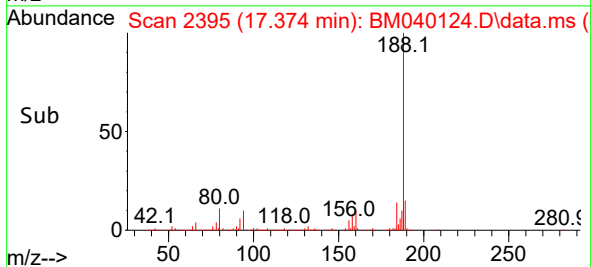
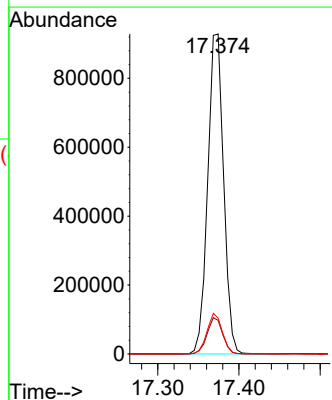
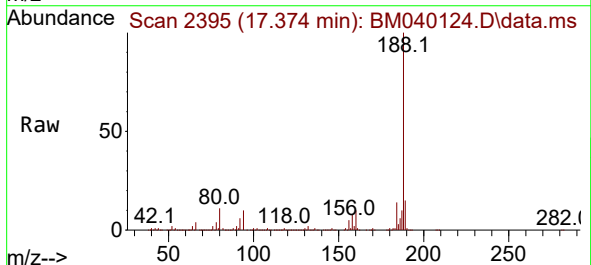
Instrument :  
BNA\_M  
ClientSampleId :  
PB153186TB

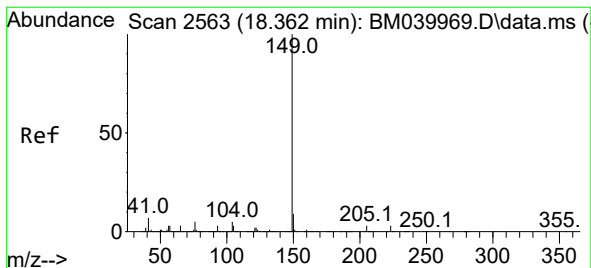
Tgt Ion: 65 Resp: 54  
Ion Ratio Lower Upper  
65 100  
92 0.0 57.0 85.6#  
138 0.0 91.1 136.7#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.374 min Scan# 2395  
Delta R.T. -0.000 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

Tgt Ion:188 Resp: 1260752  
Ion Ratio Lower Upper  
188 100  
94 10.5 7.8 11.8  
80 11.2 8.2 12.4





#74

Di-n-butylphthalate

Concen: 3.666 ng

RT: 18.339 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM040124.D

Acq: 07 Jun 2023 04:40

Instrument :

BNA\_M

ClientSampleId :

PB153186TB

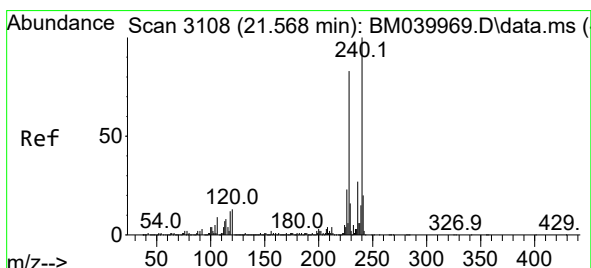
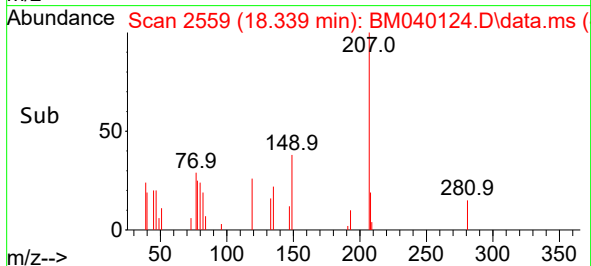
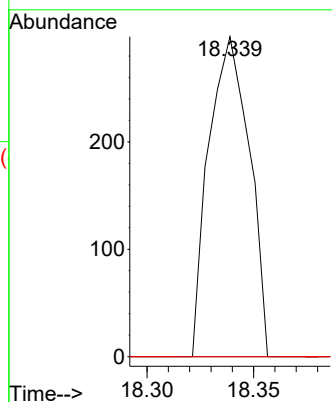
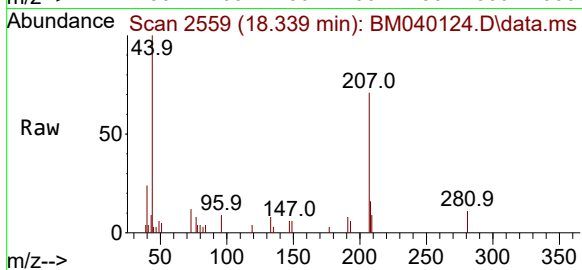
Tgt Ion:149 Resp: 395

Ion Ratio Lower Upper

149 100

150 0.0 7.4 11.2#

104 0.0 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.545 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BM040124.D

Acq: 07 Jun 2023 04:40

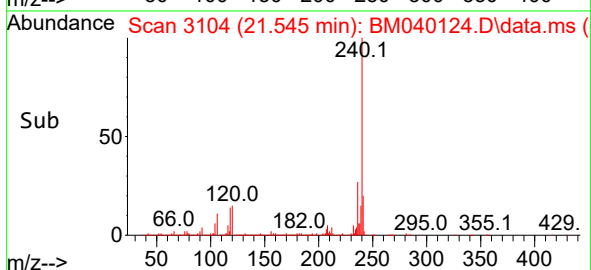
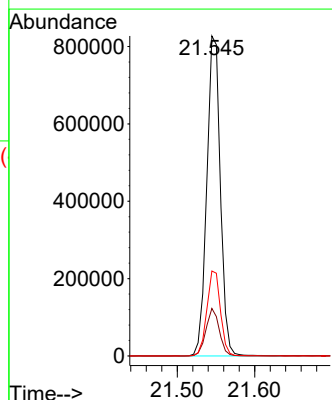
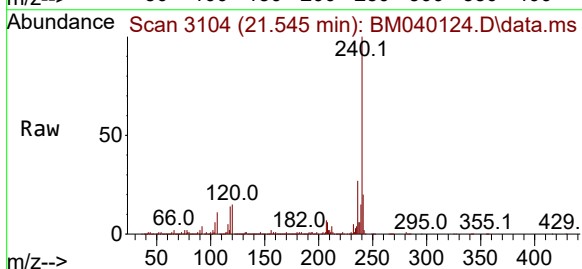
Tgt Ion:240 Resp: 1007152

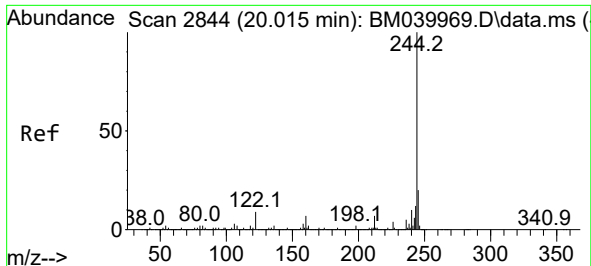
Ion Ratio Lower Upper

240 100

120 14.9 10.1 15.1

236 26.5 21.3 31.9

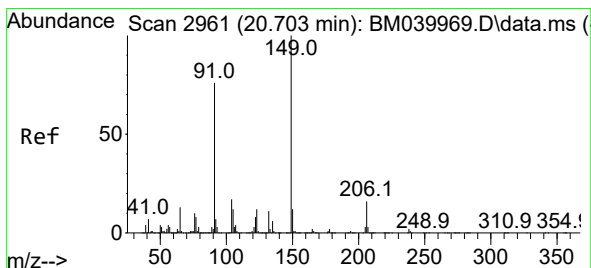
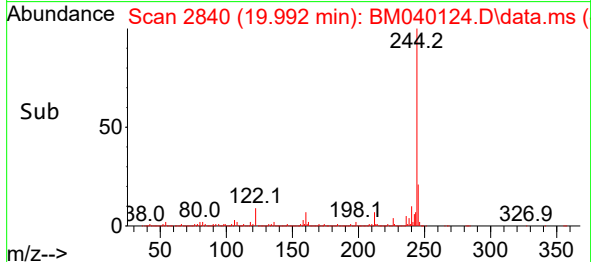
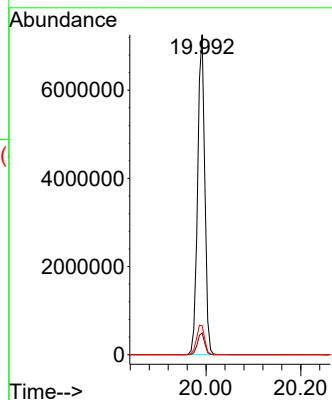
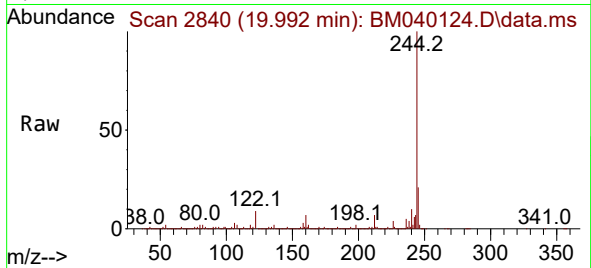




#79  
 Terphenyl-d14  
 Concen: 116.999 ng  
 RT: 19.992 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM040124.D  
 Acq: 07 Jun 2023 04:40

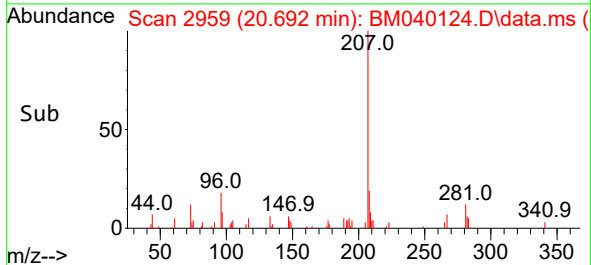
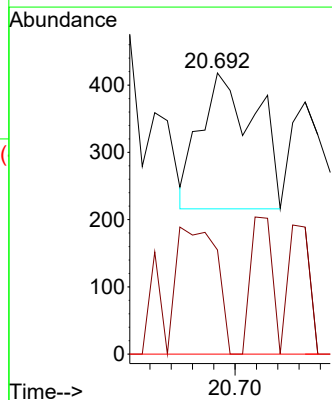
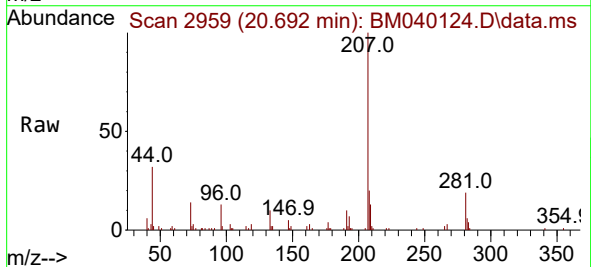
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB153186TB

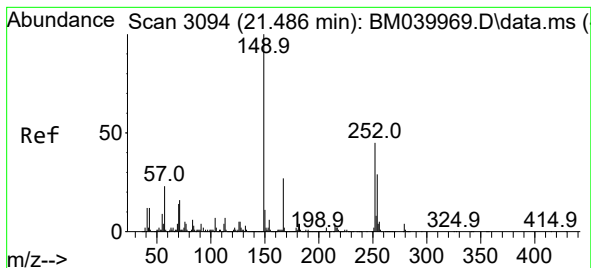
Tgt Ion:244 Resp: 7589068  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.4 8.0  
 122 9.1 7.1 10.7



#80  
 Butylbenzylphthalate  
 Concen: 4.843 ng  
 RT: 20.692 min Scan# 2959  
 Delta R.T. 0.006 min  
 Lab File: BM040124.D  
 Acq: 07 Jun 2023 04:40

Tgt Ion:149 Resp: 363  
 Ion Ratio Lower Upper  
 149 100  
 91 37.1 61.0 91.4#  
 206 0.0 12.7 19.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 3.607 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040124.D

Acq: 07 Jun 2023 04:40

Instrument :

BNA\_M

ClientSampleId :

PB153186TB

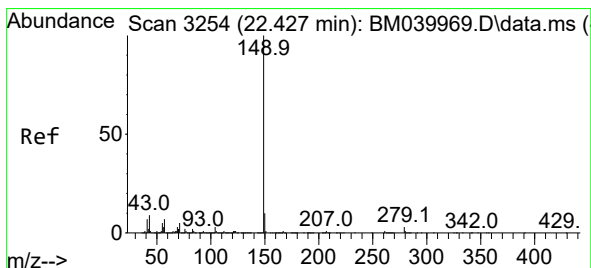
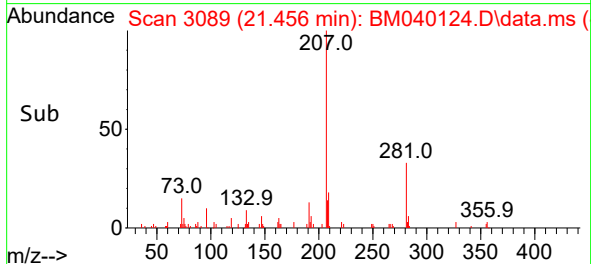
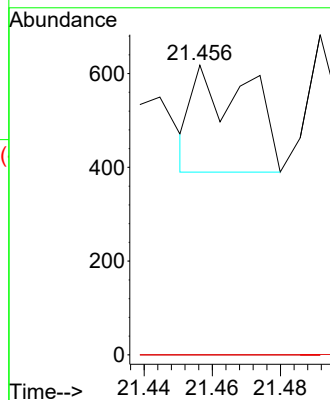
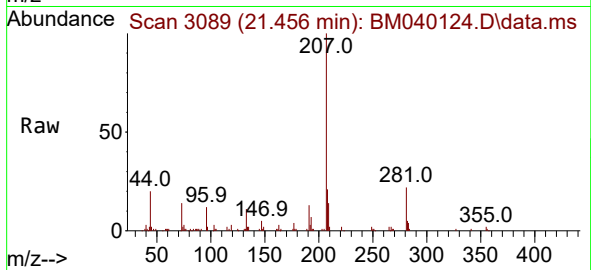
Tgt Ion:149 Resp: 256

Ion Ratio Lower Upper

149 100

167 0.0 21.4 32.2#

279 0.0 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 6.617 ng

RT: 22.397 min Scan# 3249

Delta R.T. -0.006 min

Lab File: BM040124.D

Acq: 07 Jun 2023 04:40

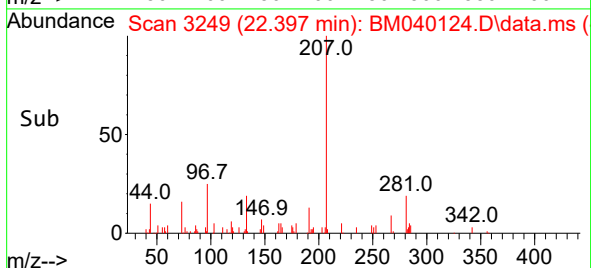
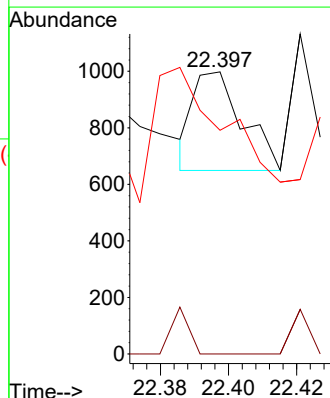
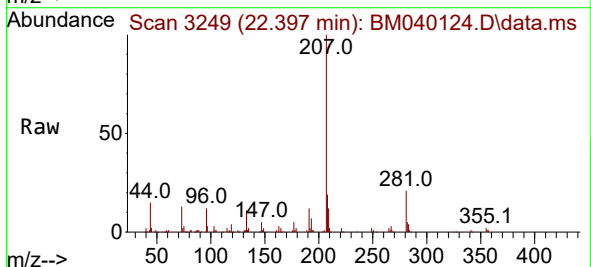
Tgt Ion:149 Resp: 351

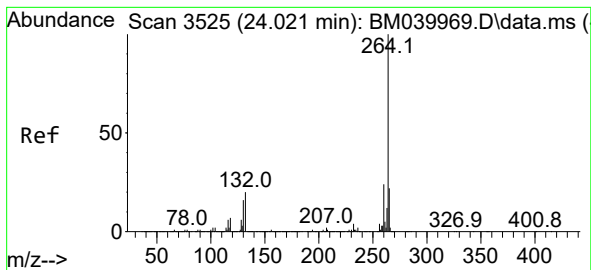
Ion Ratio Lower Upper

149 100

167 16.8 1.1 1.7#

43 203.4 7.4 11.0#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.986 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM040124.D  
Acq: 07 Jun 2023 04:40

Instrument :  
BNA\_M  
ClientSampleId :  
PB153186TB

Tgt Ion:264 Resp: 1023354  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.1  | 19.5  | 29.3  |
| 265 | 21.9  | 17.7  | 26.5  |

