

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060823\  
 Data File : BM040177.D  
 Acq On : 09 Jun 2023 03:33  
 Operator : MA/JU  
 Sample : 03046-13  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-3-11-15

Quant Time: Jun 09 04:08:39 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 08 23:25:50 2023  
 Response via : Initial Calibration

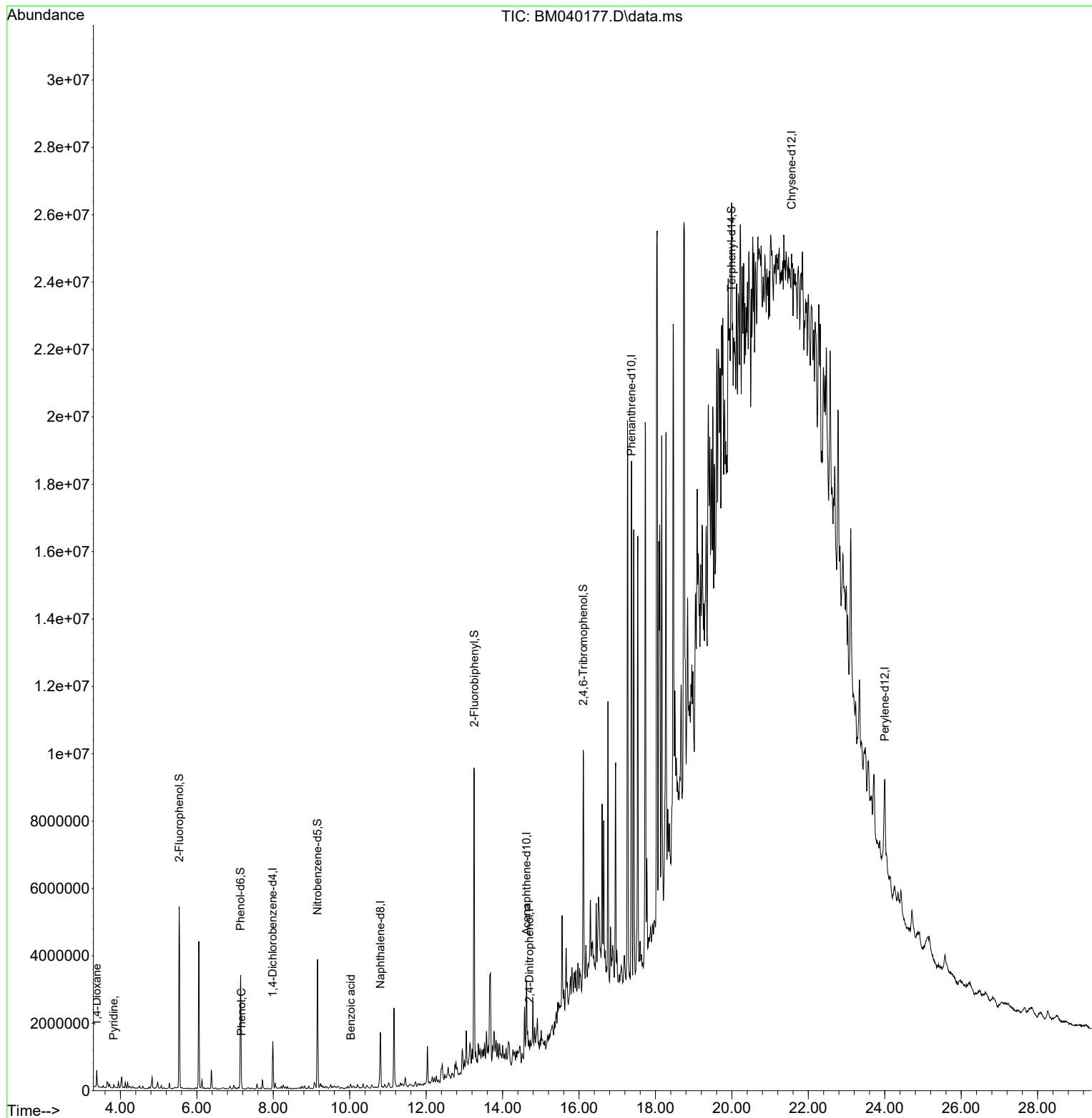
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.987  | 152  | 379013   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.804 | 136  | 1417205  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.628 | 164  | 726366   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.369 | 188  | 1534569  | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.562 | 240  | 836412   | 20.000  | ng    | # 0.01   |
| 86) Perylene-d12            | 24.003 | 264  | 1566267  | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.540  | 112  | 2427120  | 95.619  | ng    | 0.00     |
| 7) Phenol-d6                | 7.146  | 99   | 1978470  | 57.121  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.157  | 82   | 2139214  | 81.701  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.110 | 330  | 1505285  | 137.738 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.257 | 172  | 4816395  | 87.640  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.992 | 244  | 5722310  | 126.116 | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 2) 1,4-Dioxane              | 3.381  | 88   | 31385    | 3.114   | ng    | # 1      |
| 3) Pyridine                 | 3.822  | 79   | 60673    | 2.099   | ng    | 97       |
| 10) Phenol                  | 7.169  | 94   | 82155    | 2.412   | ng    | 98       |
| 32) Benzoic acid            | 10.028 | 122  | 37152    | 9.383   | ng    | 96       |
| 54) 2,4-Dinitrophenol       | 14.704 | 184  | 232      | 7.888   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

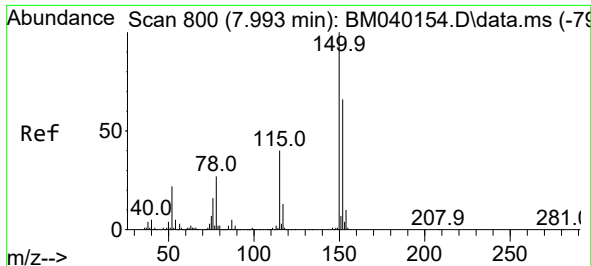
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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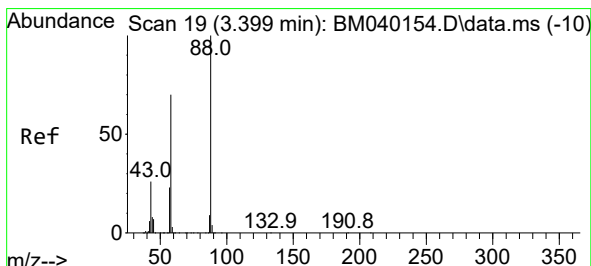
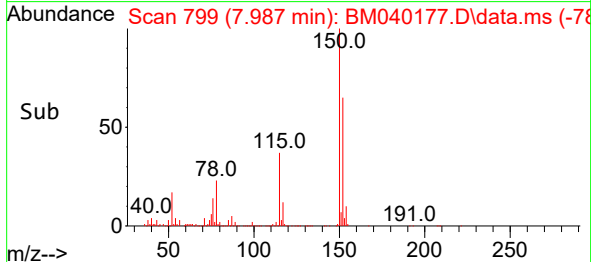
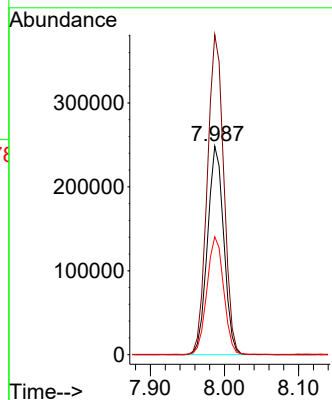
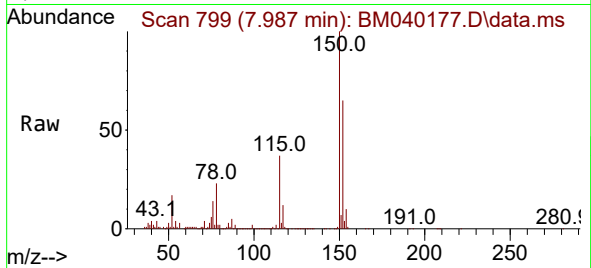




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.987 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

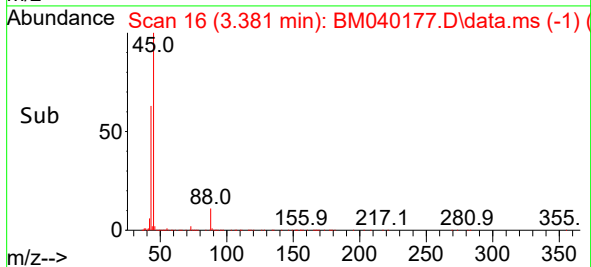
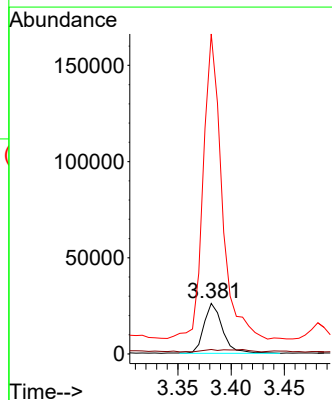
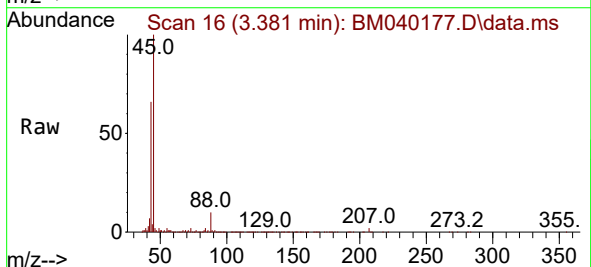
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BNA\_M  
ClientSampleId :  
COMP-3-11-15

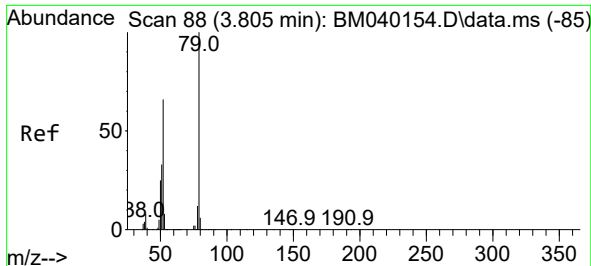
Tgt Ion:152 Resp: 379013  
Ion Ratio Lower Upper  
152 100  
150 153.4 121.4 182.0  
115 56.6 48.2 72.4



#2  
1,4-Dioxane  
Concen: 3.114 ng  
RT: 3.381 min Scan# 16  
Delta R.T. -0.017 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

Tgt Ion: 88 Resp: 31385  
Ion Ratio Lower Upper  
88 100  
58 3.5 56.4 84.6#  
43 629.9 21.2 31.8#

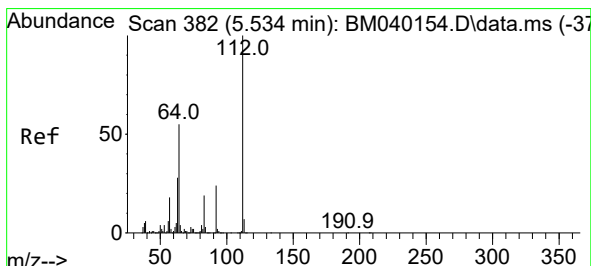
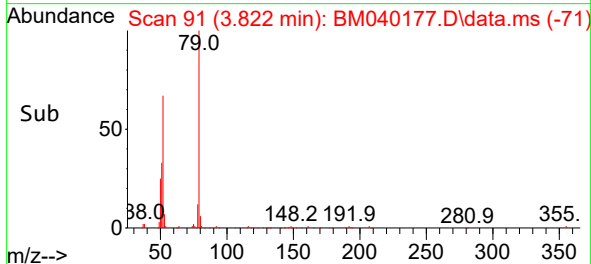
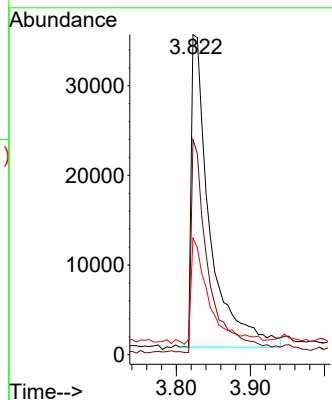
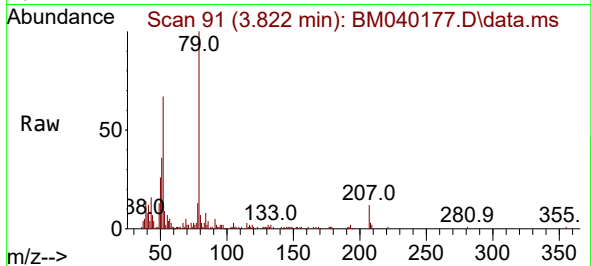




#3  
Pyridine  
Concen: 2.099 ng  
RT: 3.822 min Scan# 91  
Delta R.T. 0.018 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

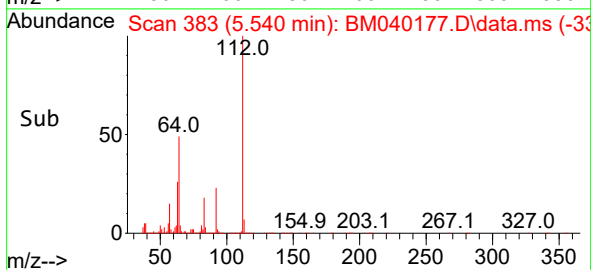
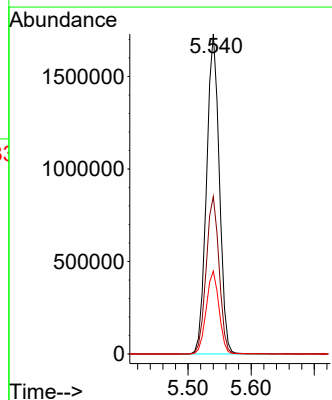
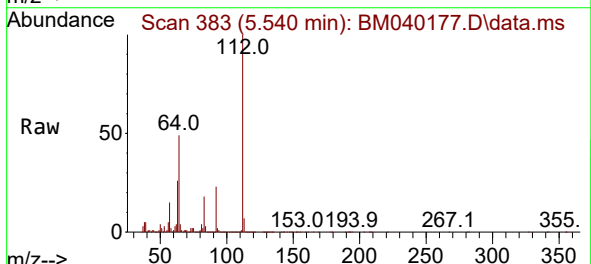
Instrument :  
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COMP-3-11-15

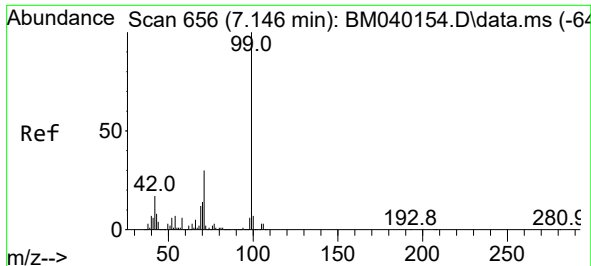
Tgt Ion: 79 Resp: 60673  
Ion Ratio Lower Upper  
79 100  
52 67.2 52.8 79.2  
51 36.4 26.2 39.4



#5  
2-Fluorophenol  
Concen: 95.619 ng  
RT: 5.540 min Scan# 383  
Delta R.T. 0.006 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

Tgt Ion: 112 Resp: 2427120  
Ion Ratio Lower Upper  
112 100  
64 49.2 43.8 65.6  
63 25.9 22.8 34.2

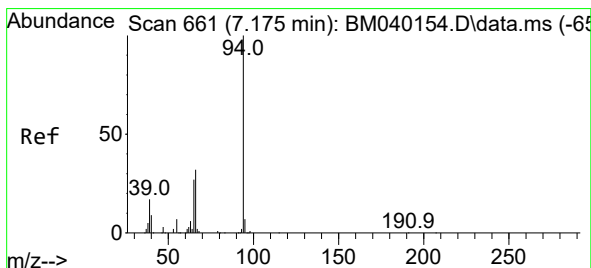
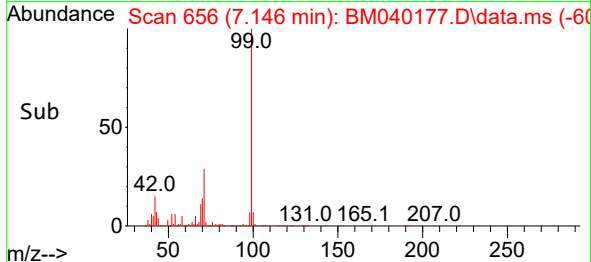
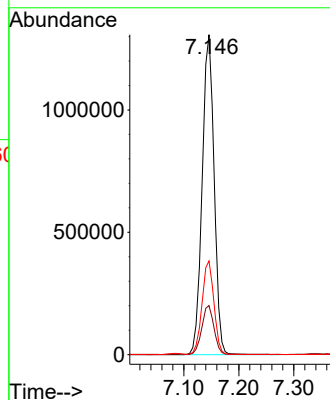
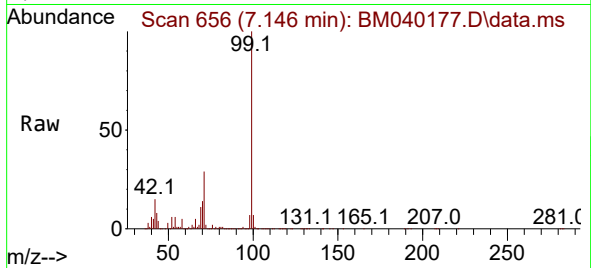




#7  
Phenol-d6  
Concen: 57.121 ng  
RT: 7.146 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

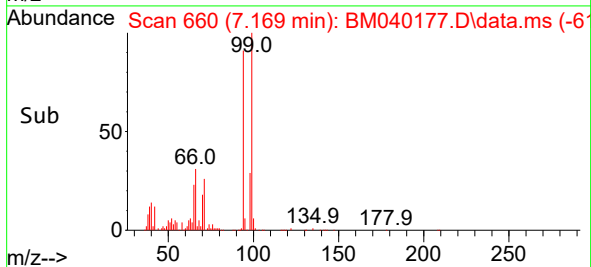
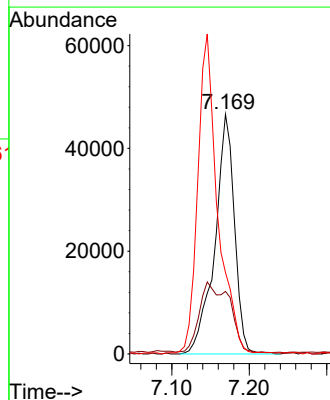
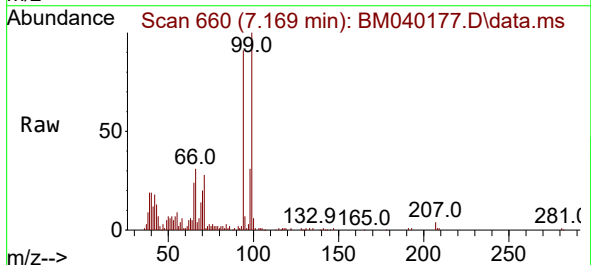
Instrument :  
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ClientSampleId :  
COMP-3-11-15

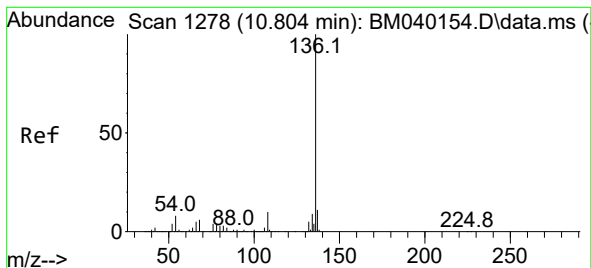
Tgt Ion: 99 Resp: 1978470  
Ion Ratio Lower Upper  
99 100  
42 15.4 13.4 20.2  
71 29.3 24.3 36.5



#10  
Phenol  
Concen: 2.412 ng  
RT: 7.169 min Scan# 660  
Delta R.T. -0.006 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

Tgt Ion: 94 Resp: 82155  
Ion Ratio Lower Upper  
94 100  
65 26.1 6.9 46.9  
66 34.0 12.5 52.5

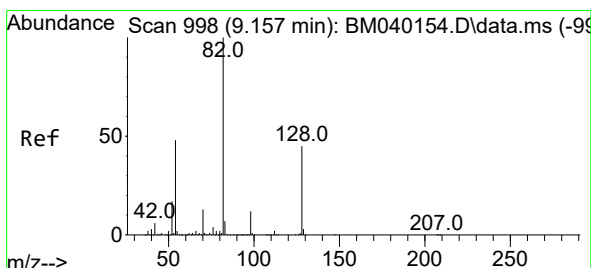
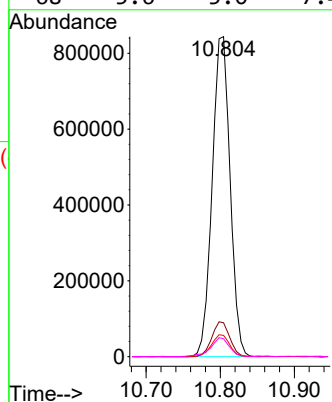
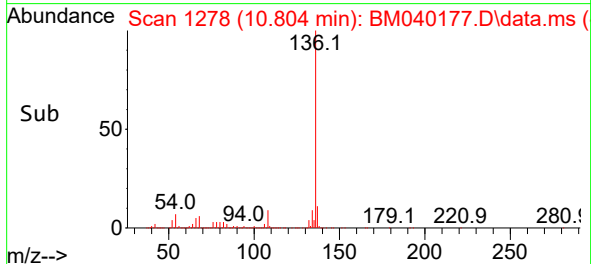
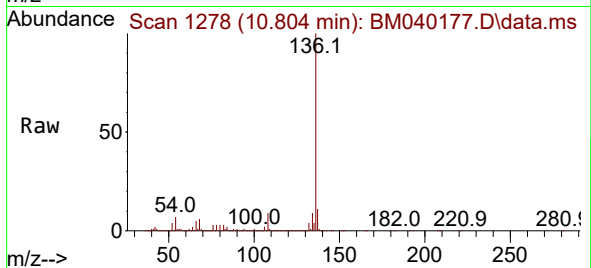




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.804 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

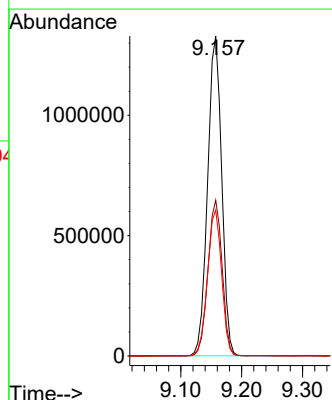
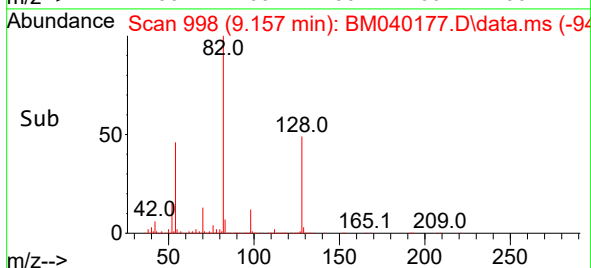
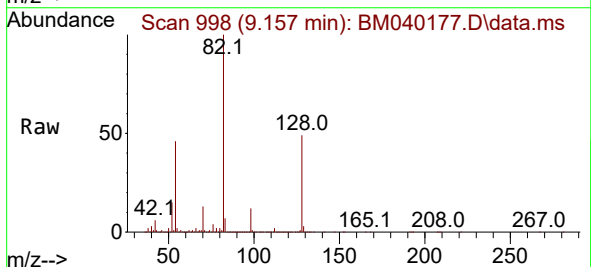
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-3-11-15

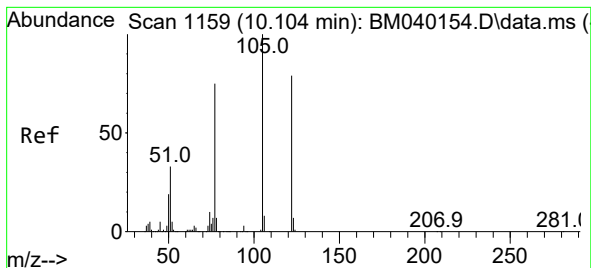
Tgt Ion:136 Resp: 1417205  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.8 13.2  
54 6.7 6.2 9.4  
68 5.6 5.0 7.4



#23  
Nitrobenzene-d5  
Concen: 81.701 ng  
RT: 9.157 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

Tgt Ion: 82 Resp: 2139214  
Ion Ratio Lower Upper  
82 100  
128 48.7 36.0 54.0  
54 45.6 38.5 57.7





#32

Benzoic acid

Concen: 9.383 ng

RT: 10.028 min Scan# 1159

Delta R.T. -0.076 min

Lab File: BM040177.D

Acq: 09 Jun 2023 03:33

Instrument :

BNA\_M

ClientSampleId :

COMP-3-11-15

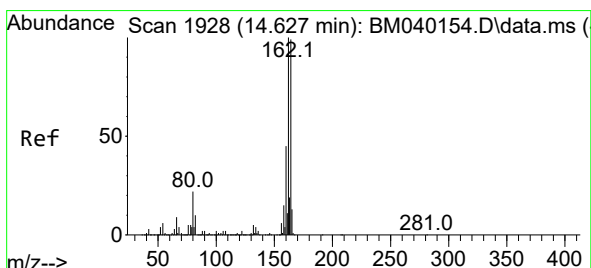
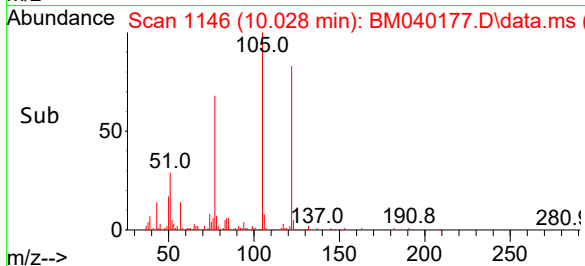
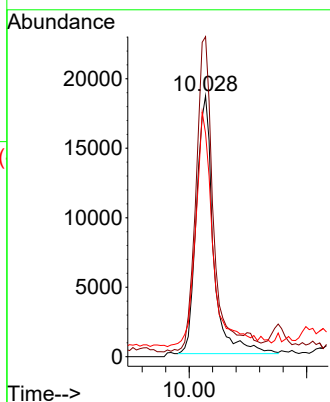
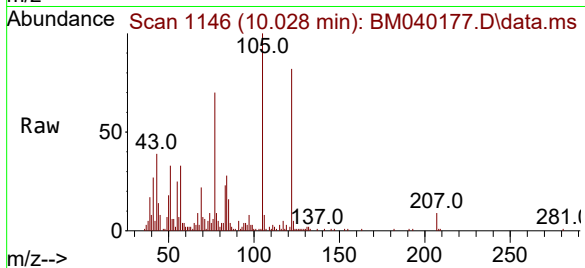
Tgt Ion:122 Resp: 37152

Ion Ratio Lower Upper

122 100

105 122.7 102.7 142.7

77 85.6 73.9 113.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.628 min Scan# 1928

Delta R.T. 0.001 min

Lab File: BM040177.D

Acq: 09 Jun 2023 03:33

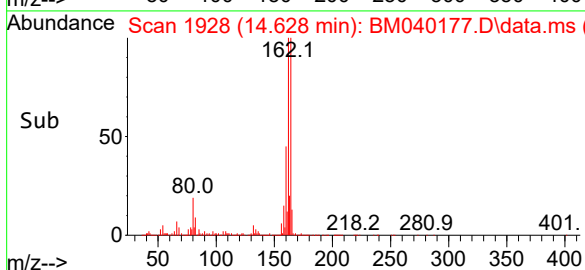
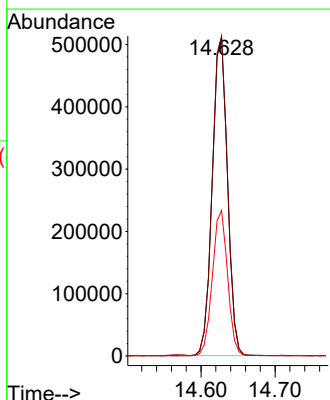
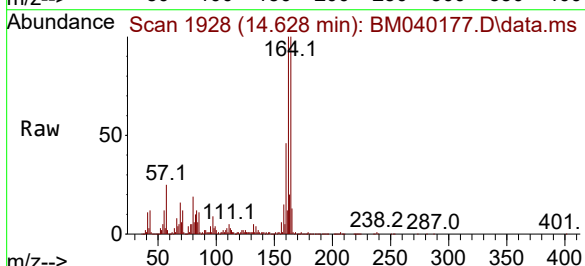
Tgt Ion:164 Resp: 726366

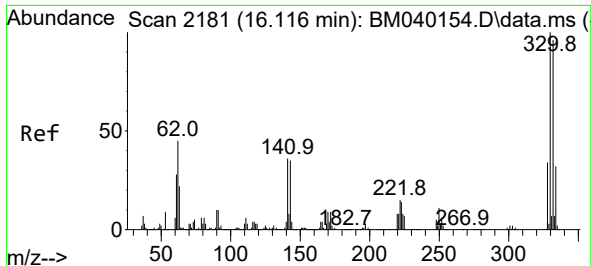
Ion Ratio Lower Upper

164 100

162 100.5 80.4 120.6

160 45.7 35.9 53.9

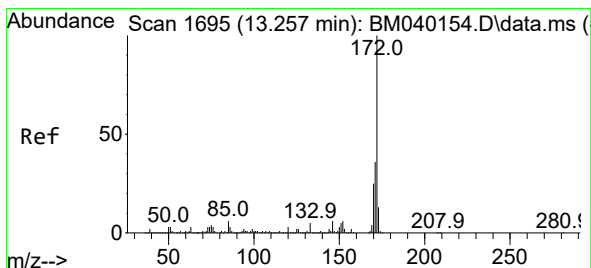
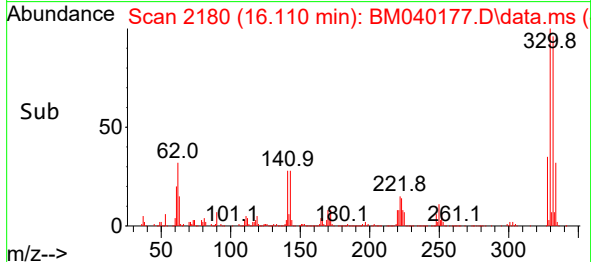
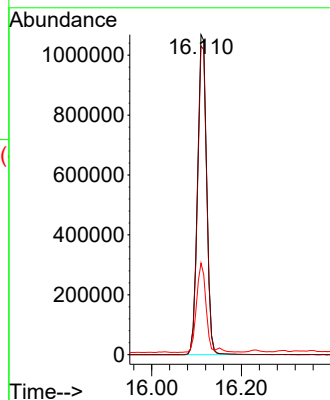
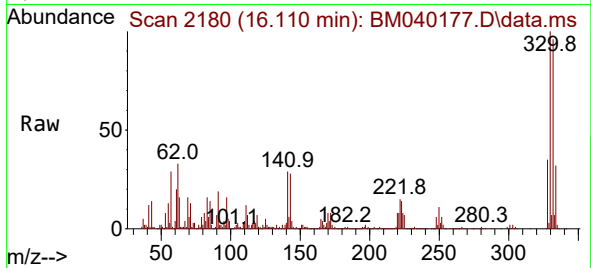




#42  
2,4,6-Tribromophenol  
Concen: 137.738 ng  
RT: 16.110 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

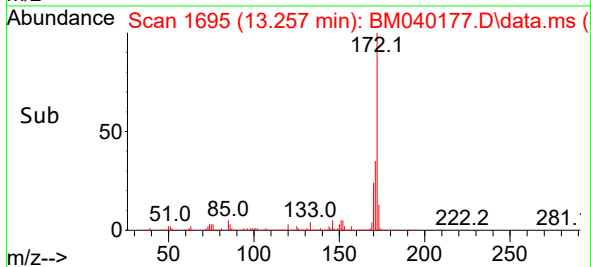
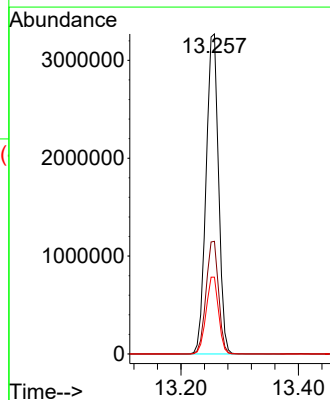
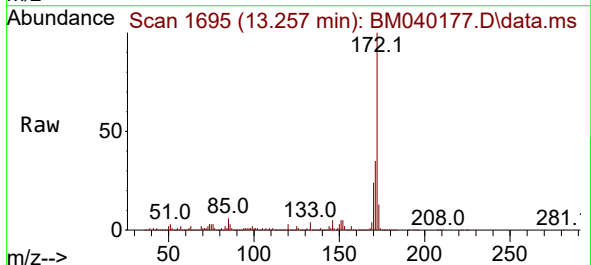
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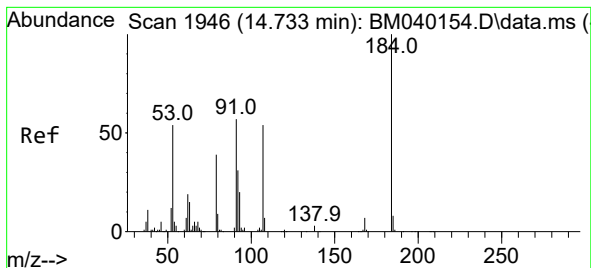
Tgt Ion:330 Resp: 1505285  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.1 115.7  
141 28.4 31.6 47.4#



#45  
2-Fluorobiphenyl  
Concen: 87.640 ng  
RT: 13.257 min Scan# 1695  
Delta R.T. 0.000 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

Tgt Ion:172 Resp: 4816395  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.8 43.2  
170 24.0 19.8 29.6

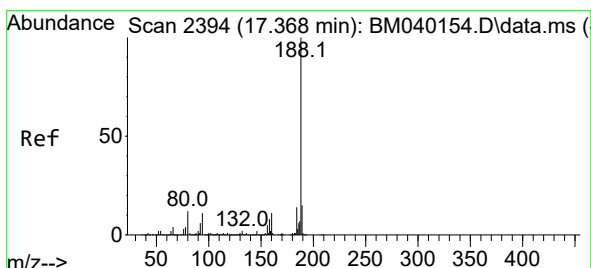
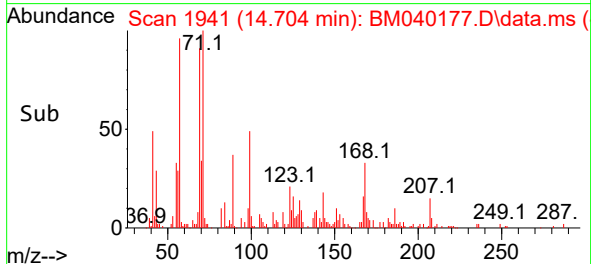
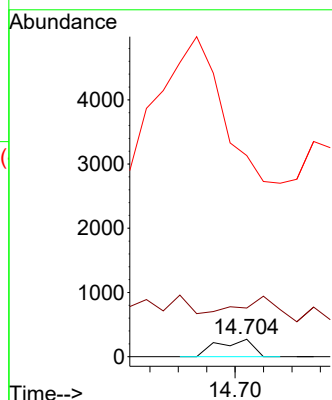
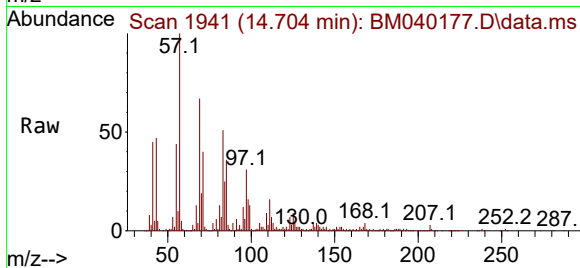




#54  
2,4-Dinitrophenol  
Concen: 7.888 ng  
RT: 14.704 min Scan# 1946  
Delta R.T. -0.029 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

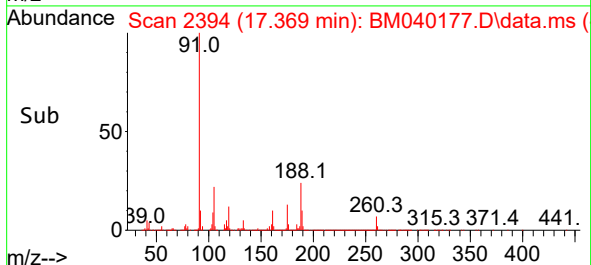
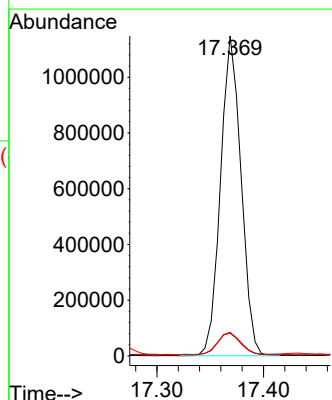
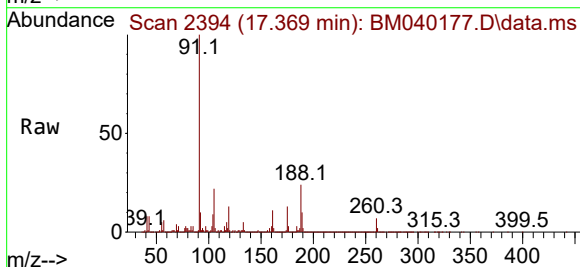
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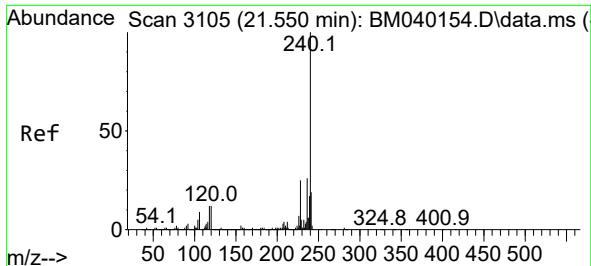
Tgt Ion:184 Resp: 232  
Ion Ratio Lower Upper  
184 100  
63 279.3 62.8 94.2#  
154 1155.7 55.9 83.9#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.369 min Scan# 2394  
Delta R.T. 0.000 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

Tgt Ion:188 Resp: 1534569  
Ion Ratio Lower Upper  
188 100  
94 7.2 8.9 13.3#  
80 7.4 9.6 14.4#

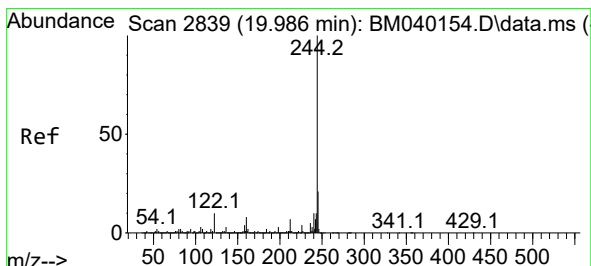
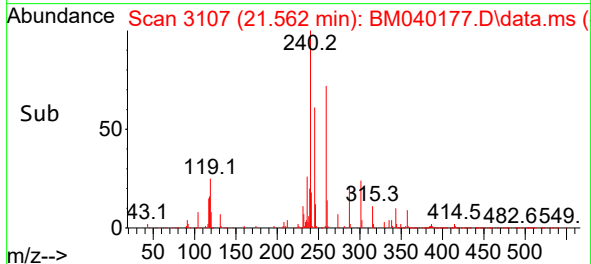
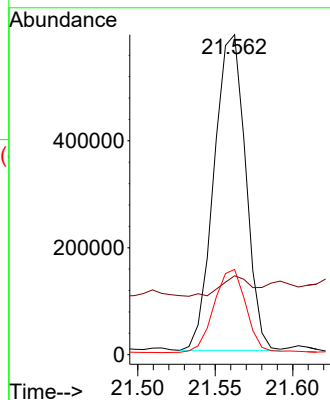
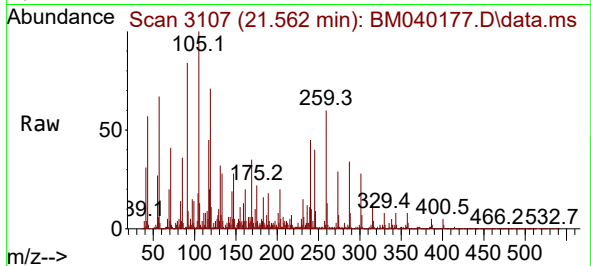




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.562 min Scan# 31  
Delta R.T. 0.012 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

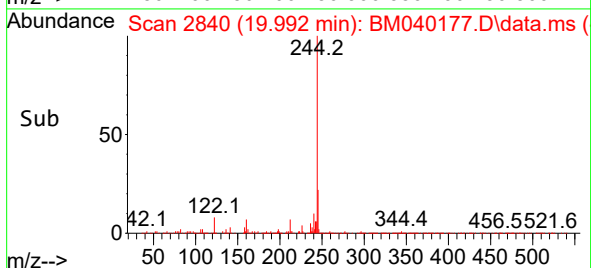
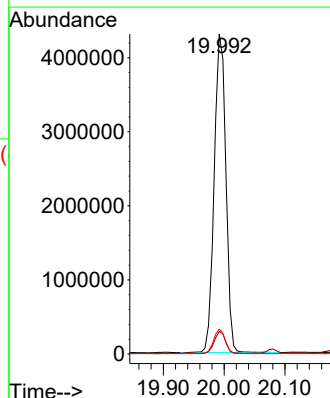
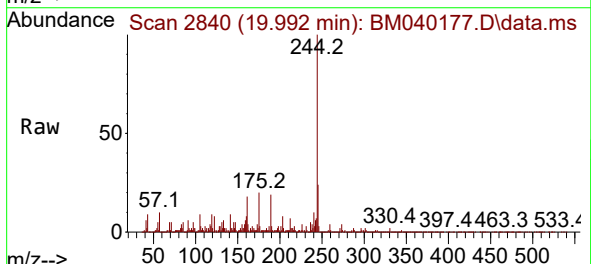
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-3-11-15

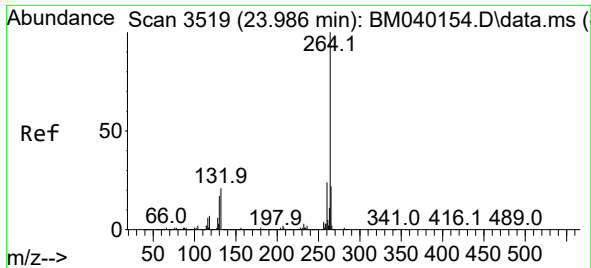
Tgt Ion:240 Resp: 836412  
Ion Ratio Lower Upper  
240 100  
120 24.6 9.9 14.9#  
236 26.7 21.1 31.7



#79  
Terphenyl-d14  
Concen: 126.116 ng  
RT: 19.992 min Scan# 2840  
Delta R.T. 0.006 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

Tgt Ion:244 Resp: 5722310  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.7 8.5  
122 7.7 7.9 11.9#





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.003 min Scan# 31  
Delta R.T. 0.018 min  
Lab File: BM040177.D  
Acq: 09 Jun 2023 03:33

Instrument :  
BNA\_M  
ClientSampleId :  
COMP-3-11-15

Tgt Ion:264 Resp: 1566267  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.5  | 19.1  | 28.7  |
| 265 | 22.6  | 17.7  | 26.5  |

