

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042123\  
 Data File : BM039558.D  
 Acq On : 21 Apr 2023 19:15  
 Operator : CG/JU  
 Sample : 02403-13  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-3

Quant Time: Apr 22 01:46:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM041723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 21 12:46:01 2023  
 Response via : Initial Calibration

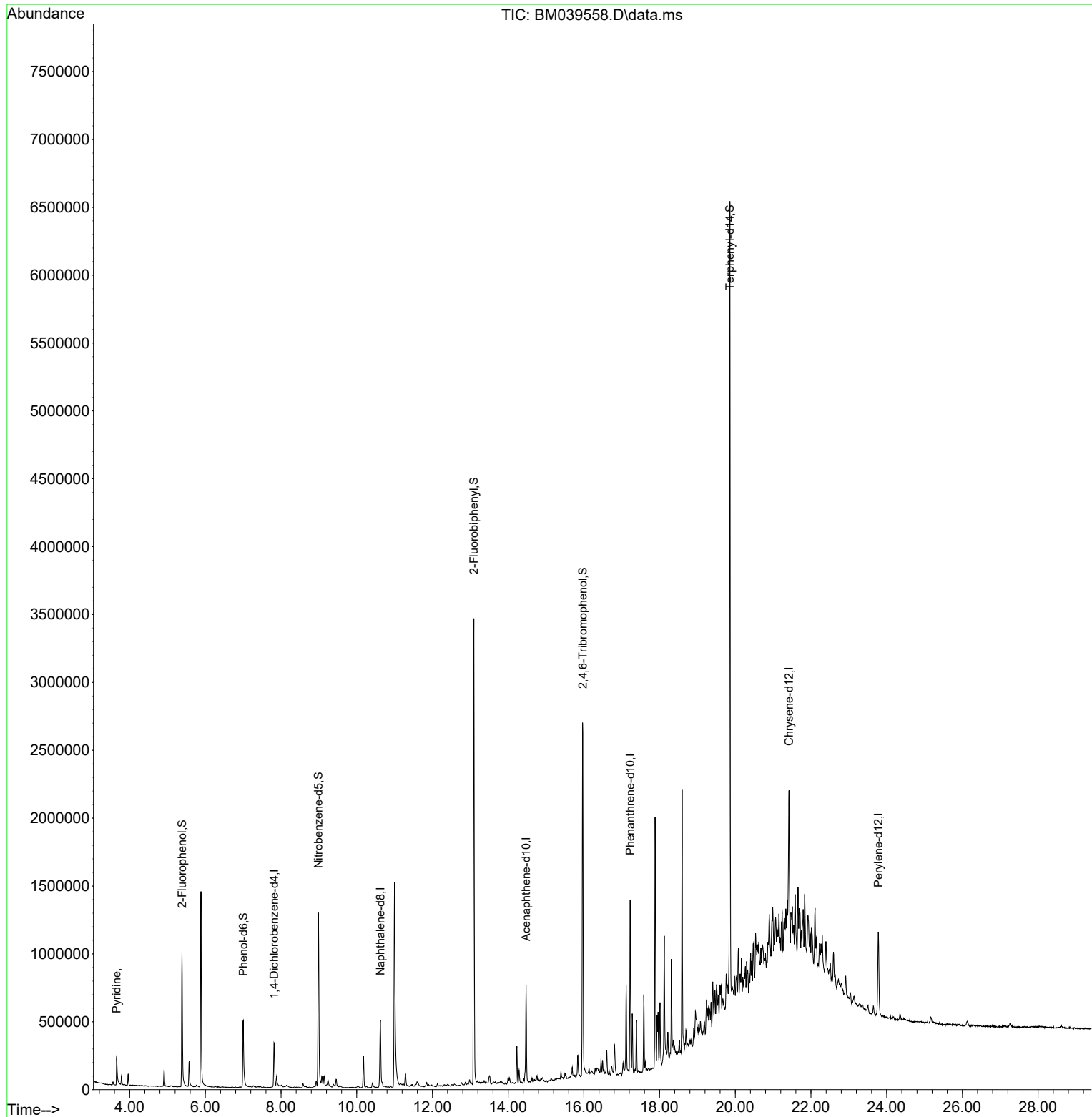
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.819  | 152  | 95508    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.625 | 136  | 399028   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.472 | 164  | 244452   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.225 | 188  | 502333   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.418 | 240  | 429817   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 23.777 | 264  | 478400   | 20.000  | ng    | -0.01     |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.384  | 112  | 450723   | 77.104  | ng    | 0.00      |
| 7) Phenol-d6                | 7.002  | 99   | 351148   | 40.874  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.990  | 82   | 815581   | 100.092 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.972 | 330  | 451006   | 142.178 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.095 | 172  | 1742740  | 98.642  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.860 | 244  | 2765930  | 116.092 | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 3) Pyridine                 | 3.655  | 79   | 130197   | 18.312  | ng    | Qvalue 95 |
| -----                       |        |      |          |         |       |           |

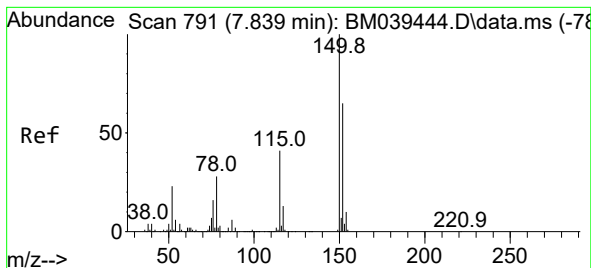
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 21 12:46:01 2023  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.819 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM039558.D

Acq: 21 Apr 2023 19:15

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BNA\_M

ClientSampleId :

COMP-3

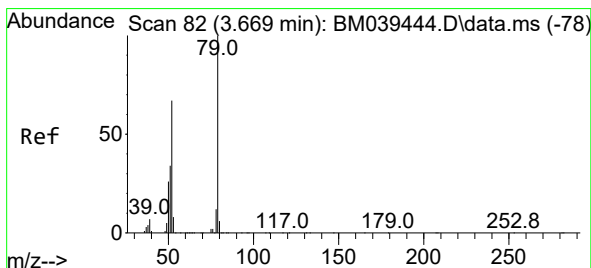
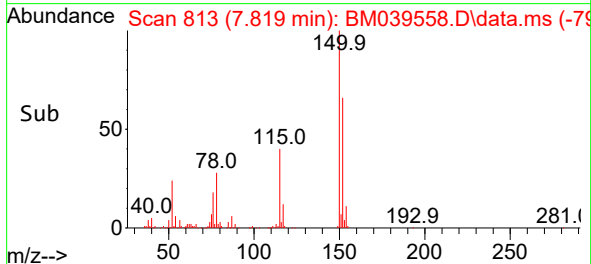
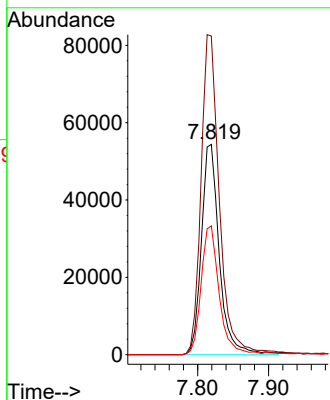
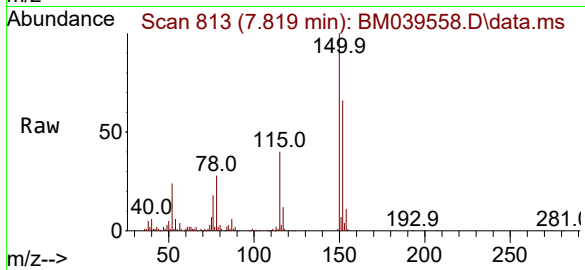
Tgt Ion:152 Resp: 95508

Ion Ratio Lower Upper

152 100

150 151.5 123.0 184.4

115 61.3 49.9 74.9



#3

Pyridine

Concen: 18.312 ng

RT: 3.655 min Scan# 105

Delta R.T. -0.006 min

Lab File: BM039558.D

Acq: 21 Apr 2023 19:15

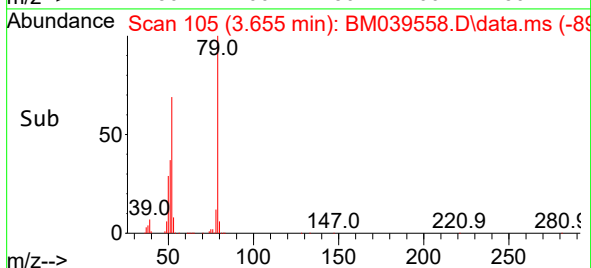
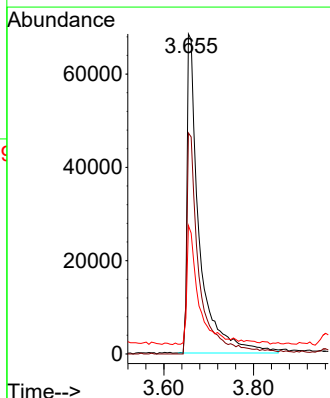
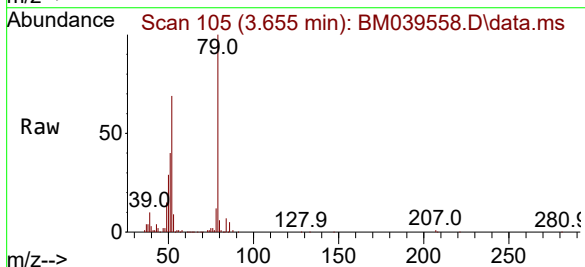
Tgt Ion: 79 Resp: 130197

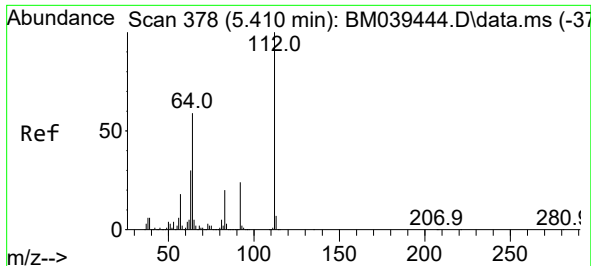
Ion Ratio Lower Upper

79 100

52 69.1 53.8 80.8

51 40.1 27.7 41.5

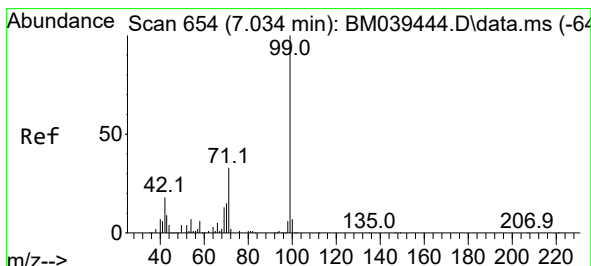
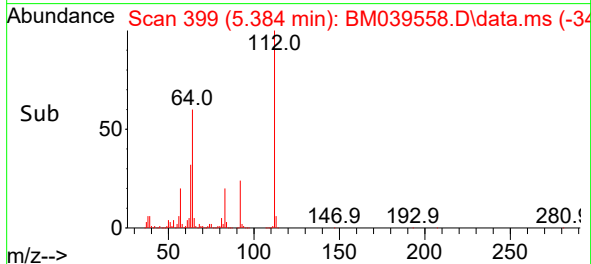
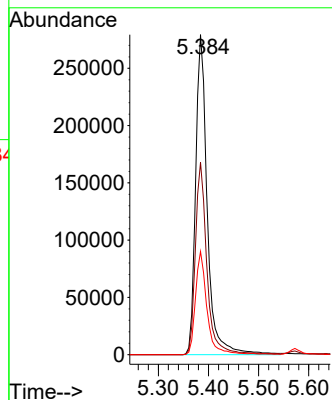
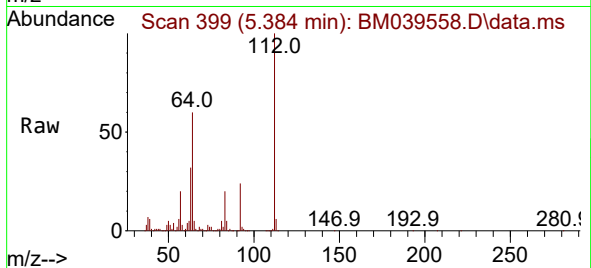




#5  
2-Fluorophenol  
Concen: 77.104 ng  
RT: 5.384 min Scan# 399  
Delta R.T. -0.006 min  
Lab File: BM039558.D  
Acq: 21 Apr 2023 19:15

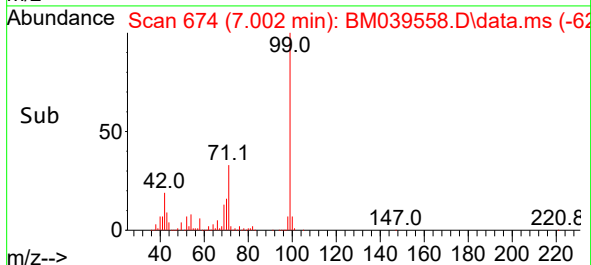
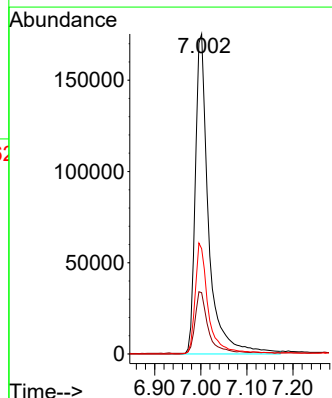
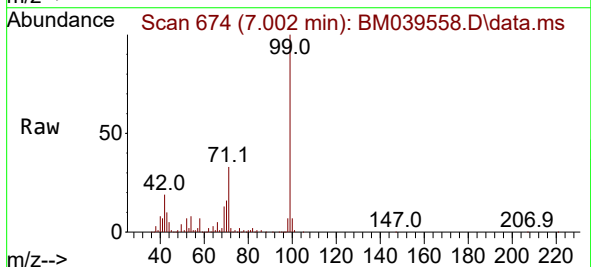
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-3

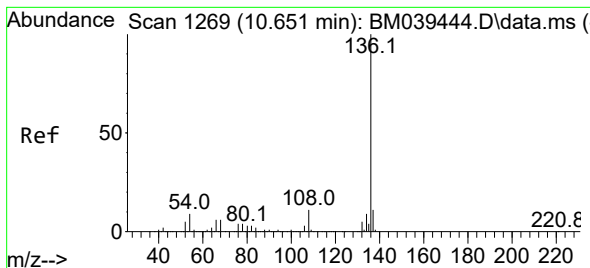
Tgt Ion:112 Resp: 450723  
Ion Ratio Lower Upper  
112 100  
64 60.1 47.0 70.4  
63 32.2 24.2 36.4



#7  
Phenol-d6  
Concen: 40.874 ng  
RT: 7.002 min Scan# 674  
Delta R.T. -0.006 min  
Lab File: BM039558.D  
Acq: 21 Apr 2023 19:15

Tgt Ion: 99 Resp: 351148  
Ion Ratio Lower Upper  
99 100  
42 19.1 14.2 21.4  
71 32.9 26.8 40.2



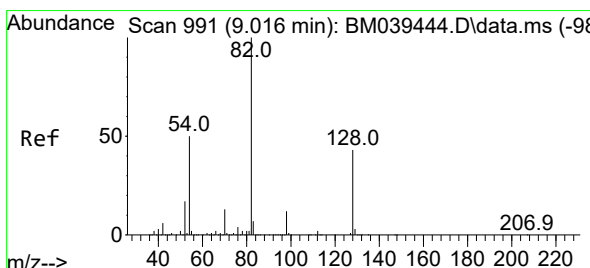
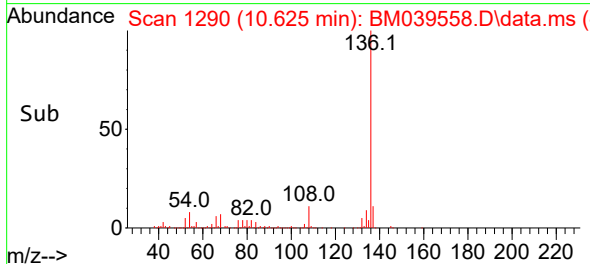
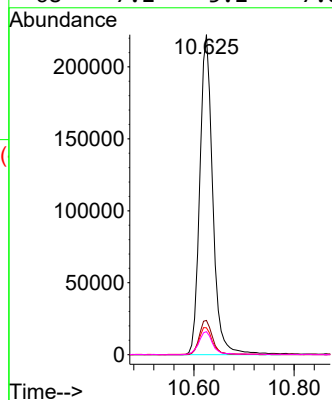
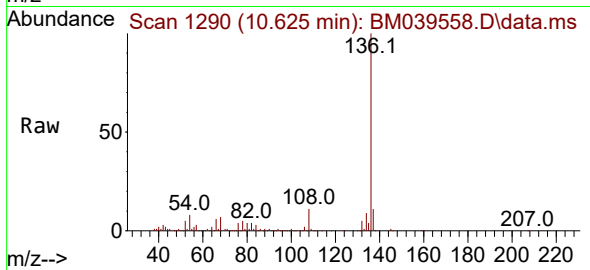


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.625 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM039558.D  
Acq: 21 Apr 2023 19:15

Instrument :  
BNA\_M  
ClientSampleId :  
COMP-3

Tgt Ion:136 Resp: 399028

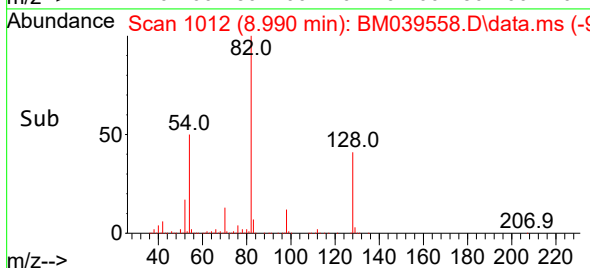
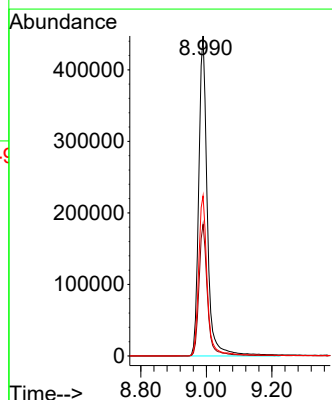
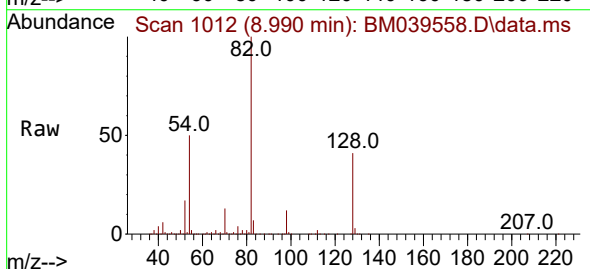
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 13.0  |
| 54  | 8.4   | 6.9   | 10.3  |
| 68  | 7.2   | 5.2   | 7.8   |

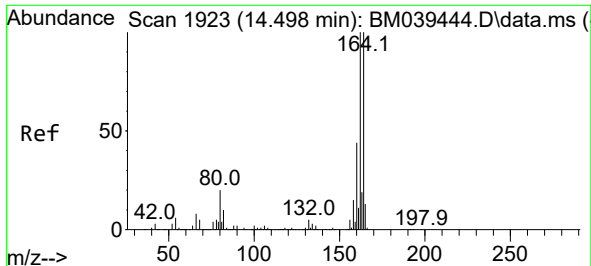


#23  
Nitrobenzene-d5  
Concen: 100.092 ng  
RT: 8.990 min Scan# 1012  
Delta R.T. -0.006 min  
Lab File: BM039558.D  
Acq: 21 Apr 2023 19:15

Tgt Ion: 82 Resp: 815581

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 41.1  | 34.2  | 51.2  |
| 54  | 50.1  | 39.7  | 59.5  |

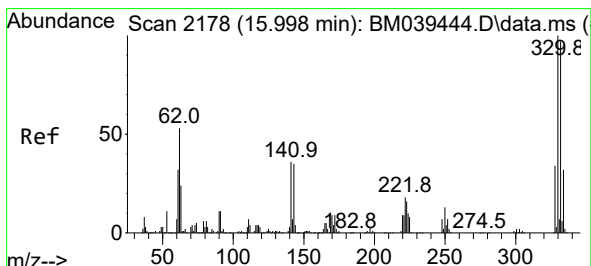
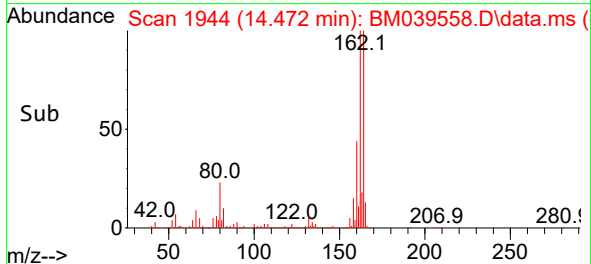
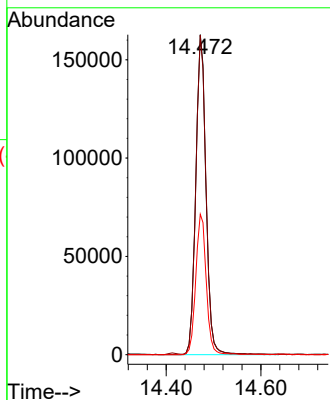
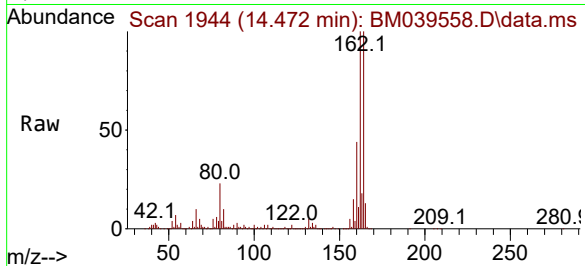




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.472 min Scan# 1923  
Delta R.T. -0.006 min  
Lab File: BM039558.D  
Acq: 21 Apr 2023 19:15

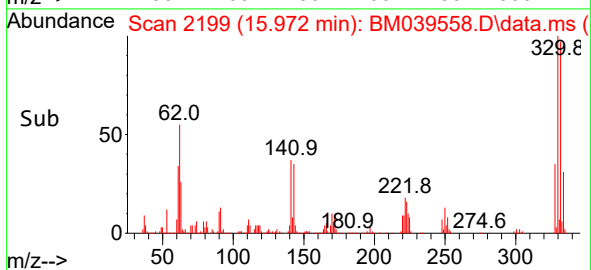
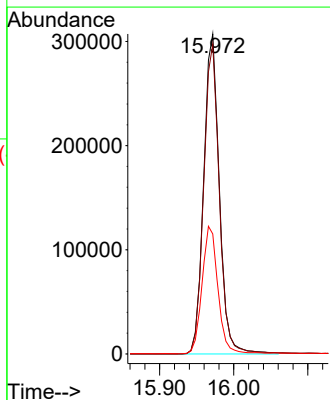
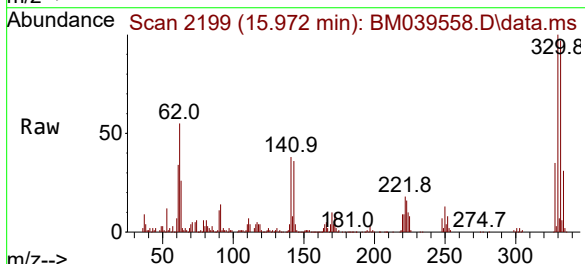
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-3

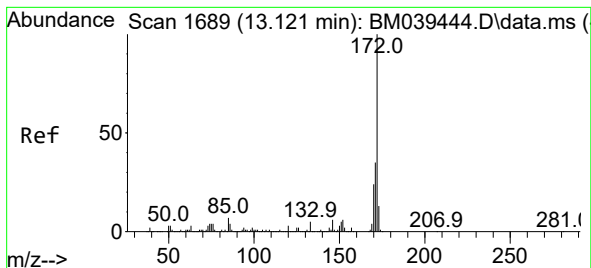
Tgt Ion:164 Resp: 244452  
Ion Ratio Lower Upper  
164 100  
162 99.8 79.8 119.8  
160 43.9 35.0 52.4



#42  
2,4,6-Tribromophenol  
Concen: 142.178 ng  
RT: 15.972 min Scan# 2199  
Delta R.T. -0.006 min  
Lab File: BM039558.D  
Acq: 21 Apr 2023 19:15

Tgt Ion:330 Resp: 451006  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.4 116.2  
141 40.5 31.0 46.6





#45

2-Fluorobiphenyl

Concen: 98.642 ng

RT: 13.095 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039558.D

Acq: 21 Apr 2023 19:15

Instrument :

BNA\_M

ClientSampleId :

COMP-3

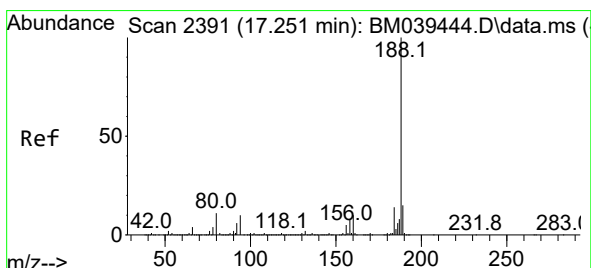
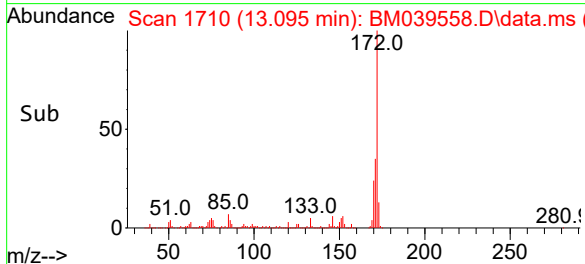
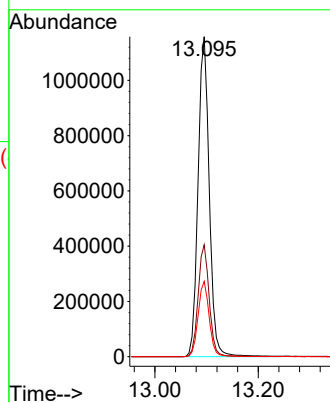
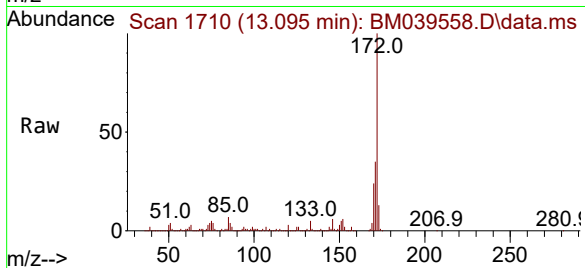
Tgt Ion:172 Resp: 1742740

Ion Ratio Lower Upper

172 100

171 35.0 27.8 41.8

170 23.6 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.225 min Scan# 2412

Delta R.T. -0.006 min

Lab File: BM039558.D

Acq: 21 Apr 2023 19:15

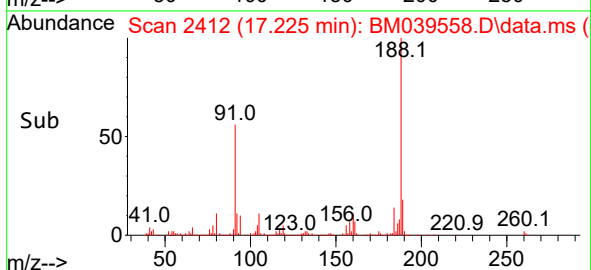
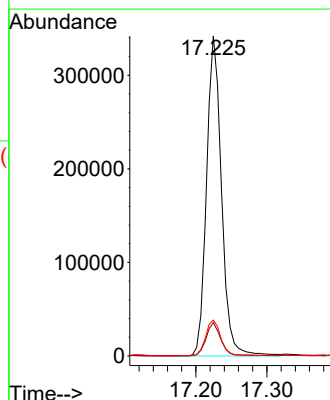
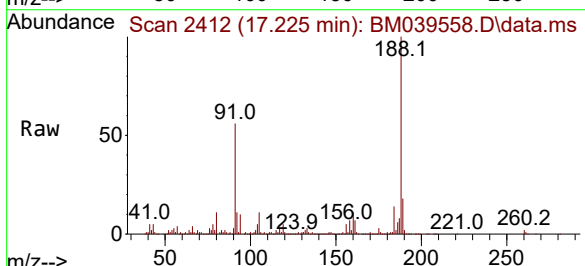
Tgt Ion:188 Resp: 502333

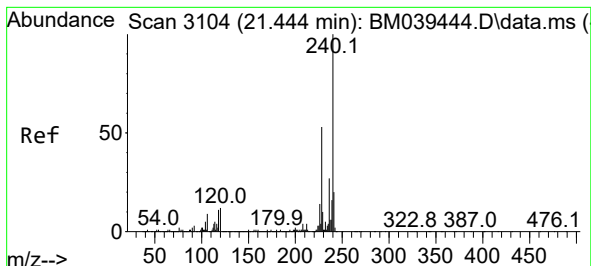
Ion Ratio Lower Upper

188 100

94 10.4 7.9 11.9

80 11.2 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.418 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039558.D

Acq: 21 Apr 2023 19:15

Instrument :

BNA\_M

ClientSampleId :

COMP-3

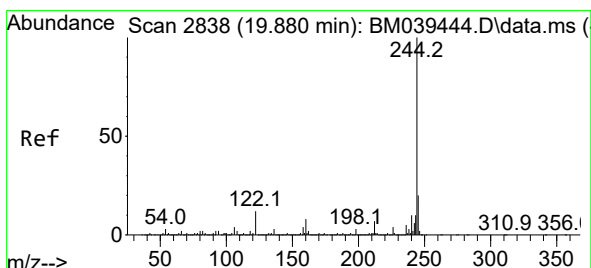
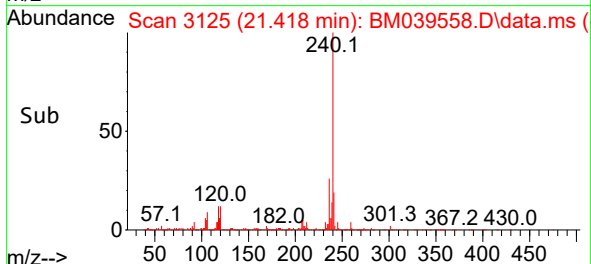
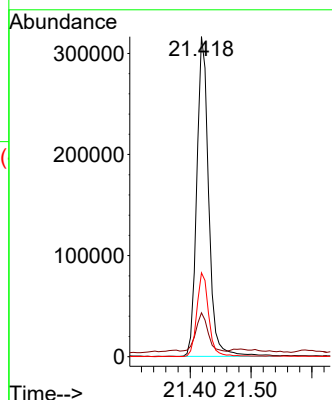
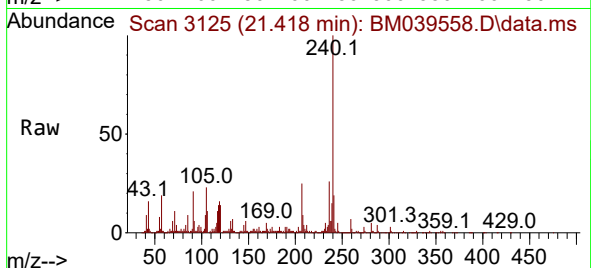
Tgt Ion:240 Resp: 429817

Ion Ratio Lower Upper

240 100

120 13.7 9.4 14.2

236 26.2 21.2 31.8



#79

Terphenyl-d14

Concen: 116.092 ng

RT: 19.860 min Scan# 2860

Delta R.T. -0.006 min

Lab File: BM039558.D

Acq: 21 Apr 2023 19:15

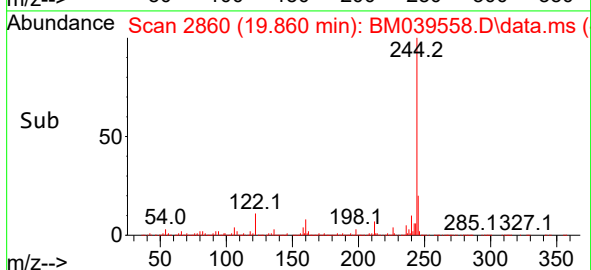
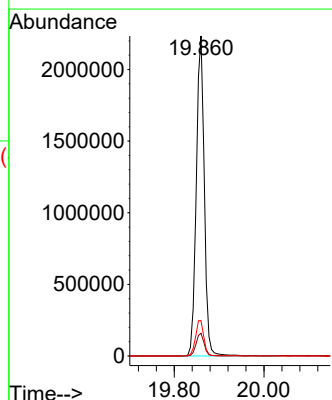
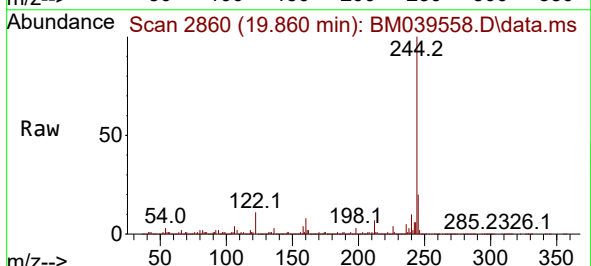
Tgt Ion:244 Resp: 2765930

Ion Ratio Lower Upper

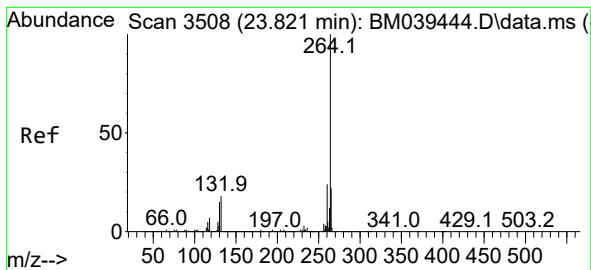
244 100

212 7.1 5.8 8.8

122 11.1 9.5 14.3







#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.777 min Scan# 31  
Delta R.T. -0.011 min  
Lab File: BM039558.D  
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COMP-3

Tgt Ion:264 Resp: 478400  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.0 28.6  
265 22.9 18.0 27.0

