

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
 Data File : BM039264.D  
 Acq On : 31 Mar 2023 21:50  
 Operator : CG/JU  
 Sample : 02104-05  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-37-GW01

Quant Time: Apr 01 05:22:18 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 17:03:41 2023  
 Response via : Initial Calibration

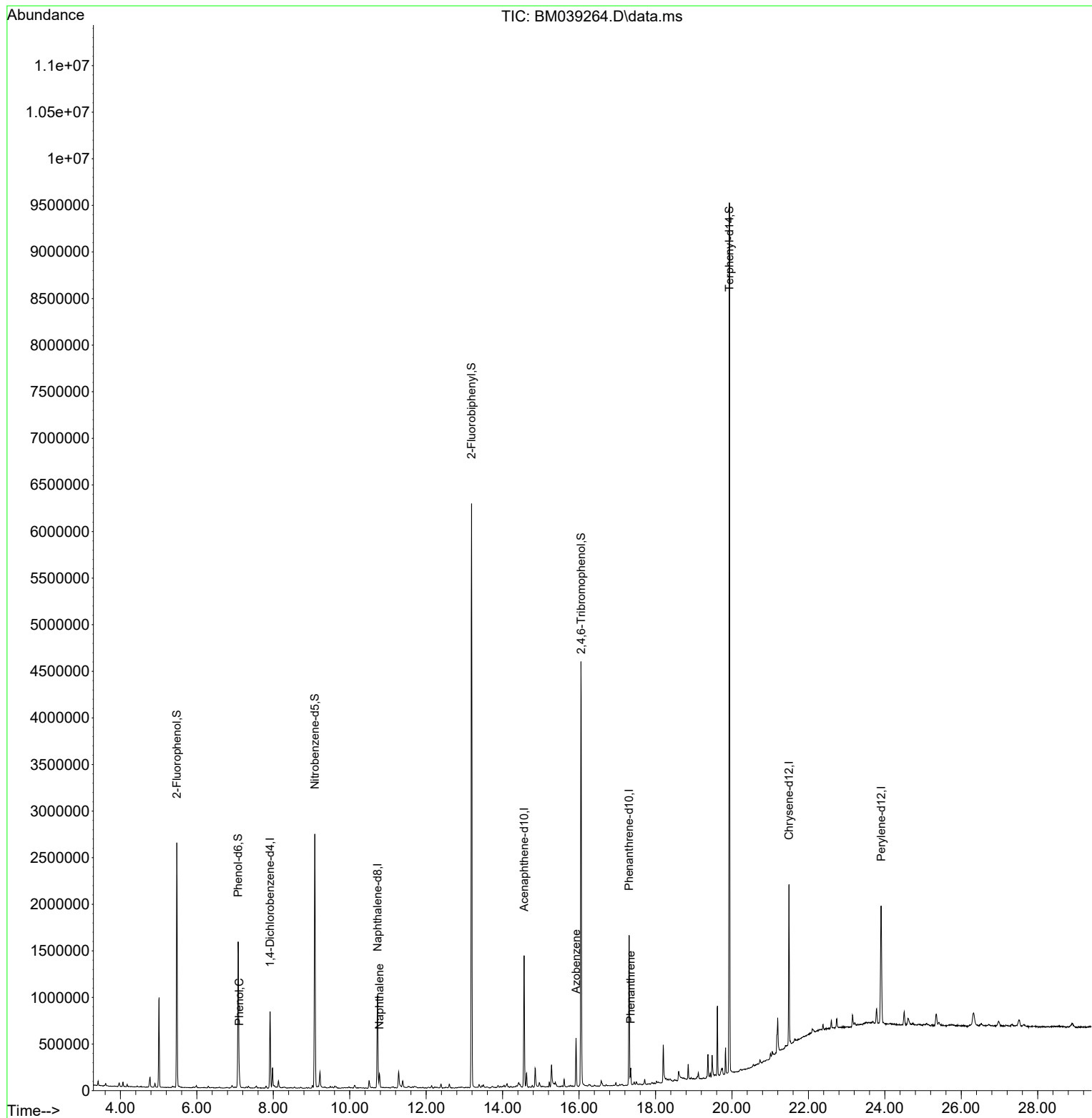
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.916  | 152  | 205679   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.728 | 136  | 808757   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.563 | 164  | 455047   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.309 | 188  | 890133   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.492 | 240  | 756678   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.903 | 264  | 926857   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.475  | 112  | 1077071  | 78.896  | ng    | 0.00     |
| 7) Phenol-d6                | 7.081  | 99   | 888551   | 50.321  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.086  | 82   | 1520821  | 91.394  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.057 | 330  | 780211   | 135.069 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.186 | 172  | 3140299  | 93.503  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.933 | 244  | 4058495  | 99.095  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 10) Phenol                  | 7.110  | 94   | 76926    | 4.347   | ng    | 99       |
| 31) Naphthalene             | 10.775 | 128  | 111698   | 2.563   | ng    | 99       |
| 63) Azobenzene              | 15.921 | 77   | 142126   | 4.019   | ng    | # 1      |
| 71) Phenanthrene            | 17.351 | 178  | 99191    | 2.035   | ng    | 99       |

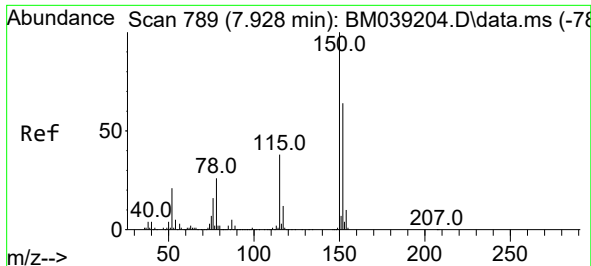
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM033123\  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM032923.M  
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Response via : Initial Calibration

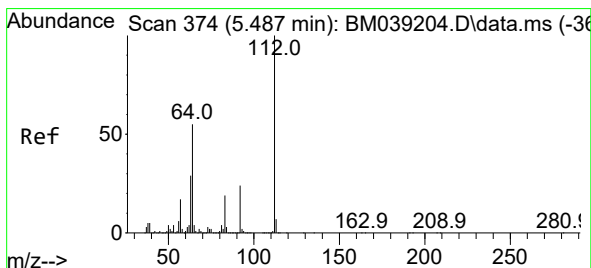
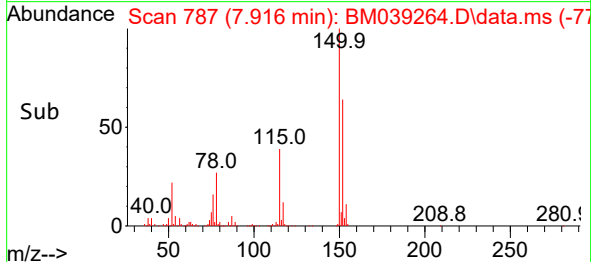
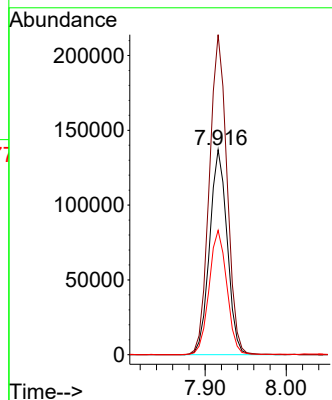
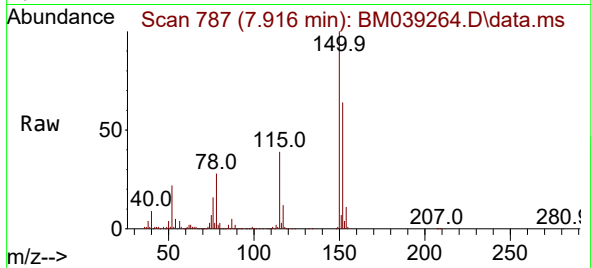




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.916 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BM039264.D  
Acq: 31 Mar 2023 21:50

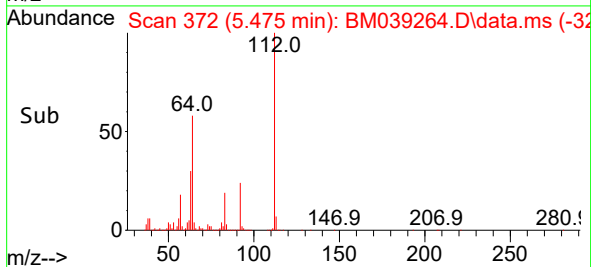
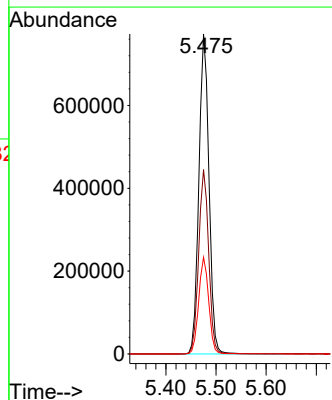
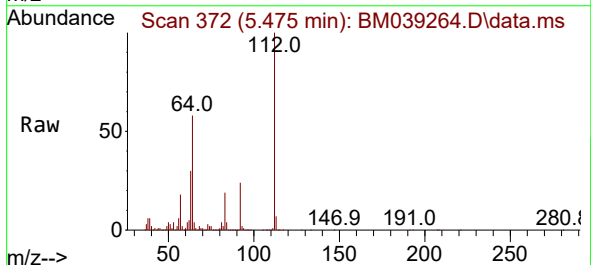
Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

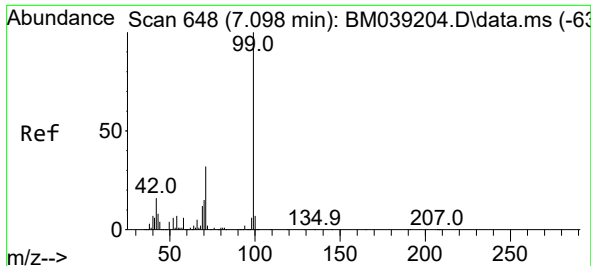
Tgt Ion:152 Resp: 205679  
Ion Ratio Lower Upper  
152 100  
150 156.1 125.5 188.3  
115 60.6 48.1 72.1



#5  
2-Fluorophenol  
Concen: 78.896 ng  
RT: 5.475 min Scan# 372  
Delta R.T. -0.000 min  
Lab File: BM039264.D  
Acq: 31 Mar 2023 21:50

Tgt Ion:112 Resp: 1077071  
Ion Ratio Lower Upper  
112 100  
64 57.6 44.3 66.5  
63 30.2 23.0 34.6

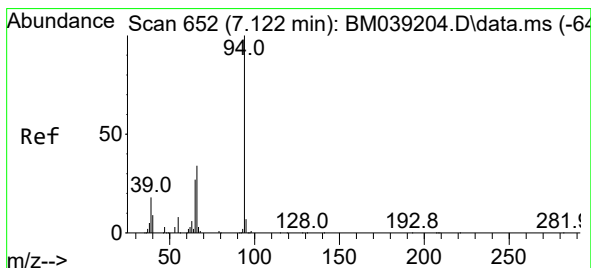
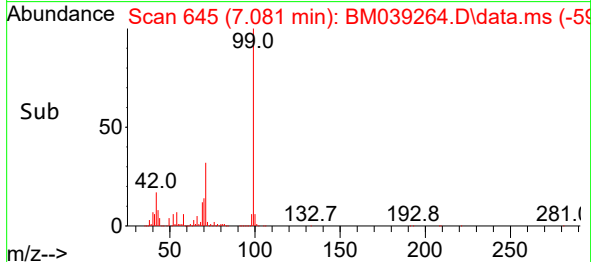
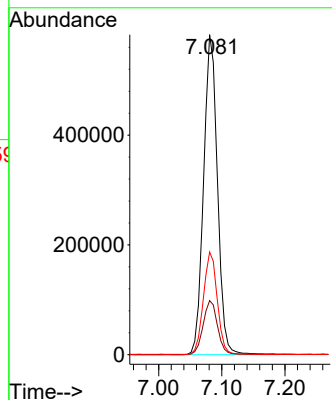
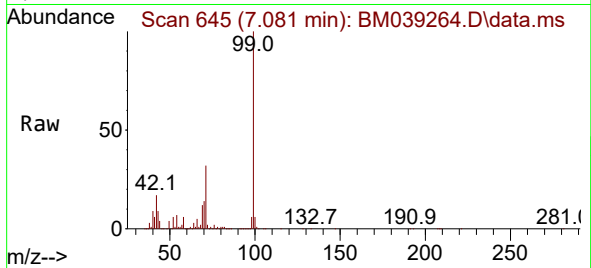




#7  
Phenol-d6  
Concen: 50.321 ng  
RT: 7.081 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BM039264.D  
Acq: 31 Mar 2023 21:50

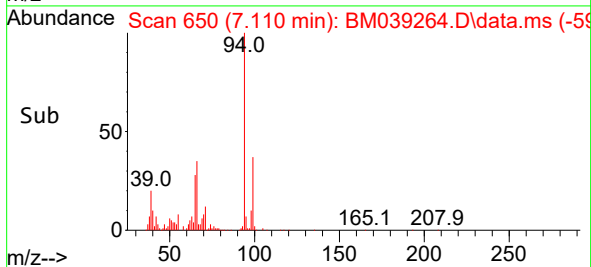
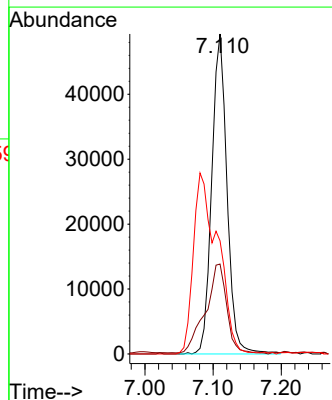
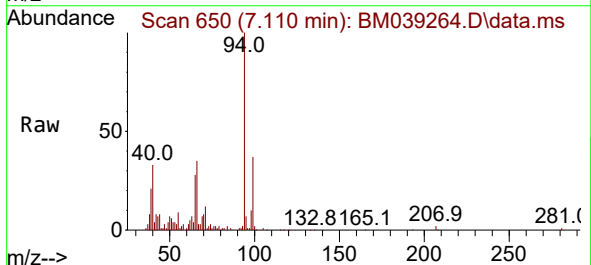
Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

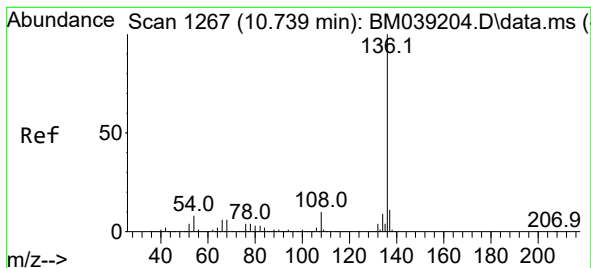
Tgt Ion: 99 Resp: 888551  
Ion Ratio Lower Upper  
99 100  
42 16.9 13.0 19.6  
71 32.1 25.5 38.3



#10  
Phenol  
Concen: 4.347 ng  
RT: 7.110 min Scan# 650  
Delta R.T. -0.000 min  
Lab File: BM039264.D  
Acq: 31 Mar 2023 21:50

Tgt Ion: 94 Resp: 76926  
Ion Ratio Lower Upper  
94 100  
65 28.1 7.2 47.2  
66 35.3 15.2 55.2



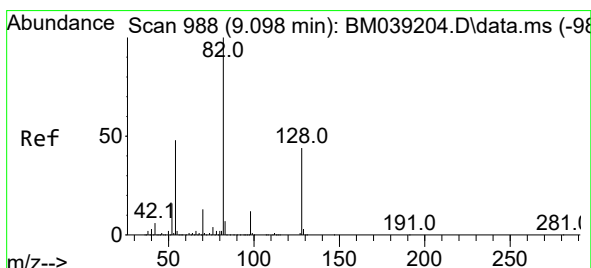
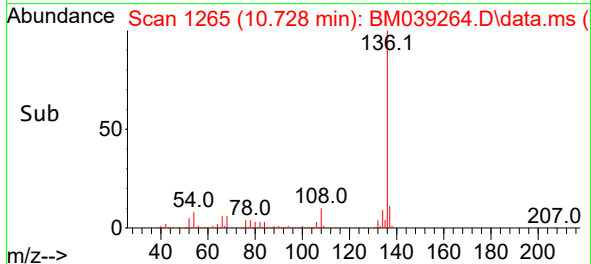
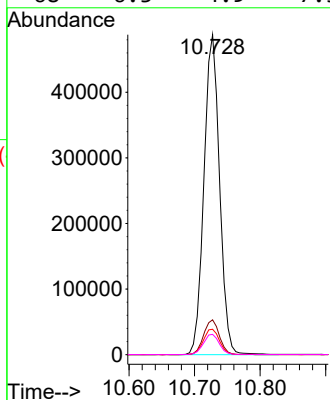
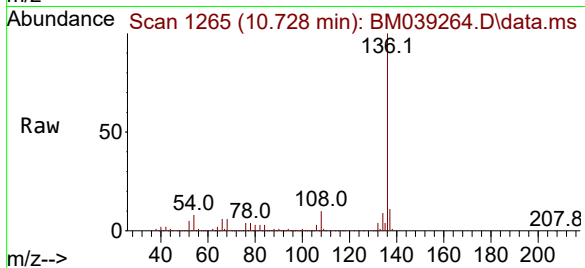


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.728 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM039264.D  
Acq: 31 Mar 2023 21:50

Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

Tgt Ion:136 Resp: 808757

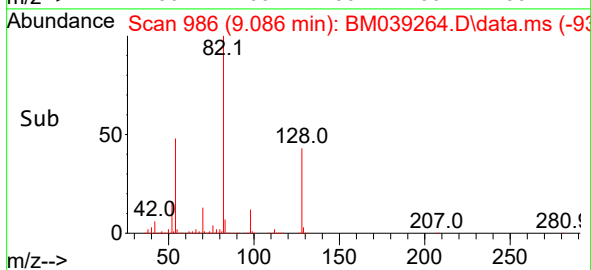
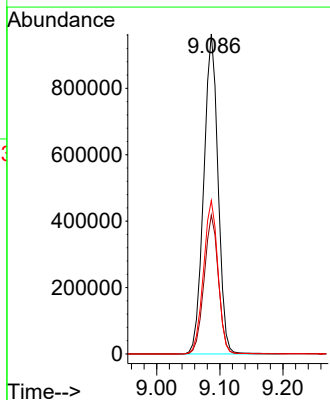
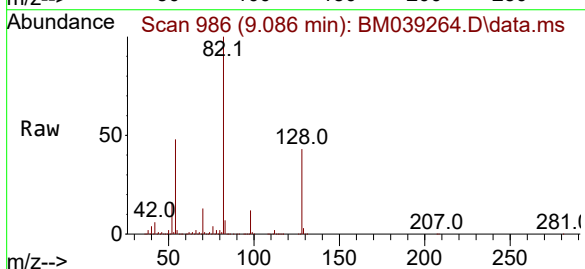
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.9   | 13.3  |
| 54  | 8.0   | 6.2   | 9.4   |
| 68  | 6.3   | 4.9   | 7.3   |

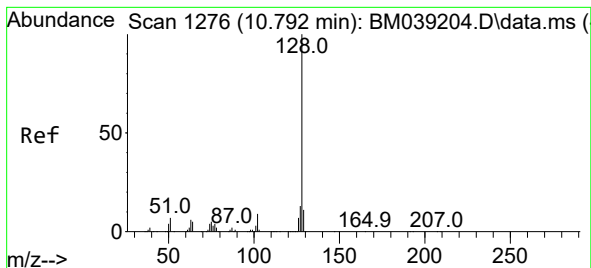


#23  
Nitrobenzene-d5  
Concen: 91.394 ng  
RT: 9.086 min Scan# 986  
Delta R.T. -0.000 min  
Lab File: BM039264.D  
Acq: 31 Mar 2023 21:50

Tgt Ion: 82 Resp: 1520821

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 43.4  | 35.1  | 52.7  |
| 54  | 48.0  | 38.5  | 57.7  |





#31

Naphthalene

Concen: 2.563 ng

RT: 10.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

Instrument :

BNA\_M

ClientSampleId :

B-37-GW01

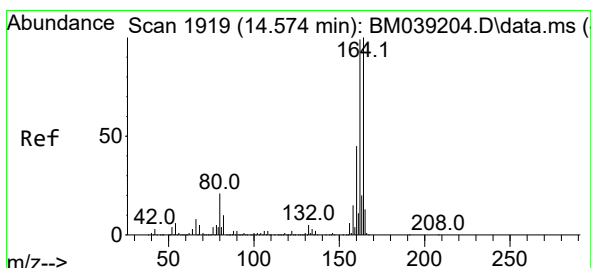
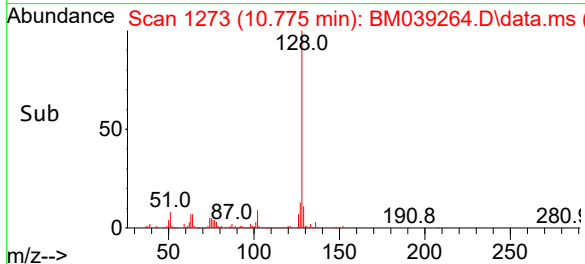
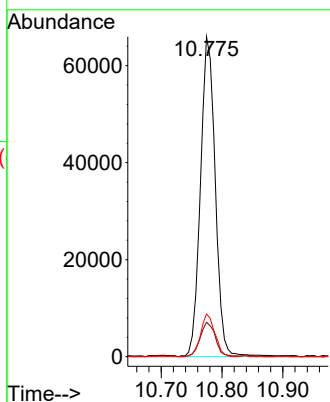
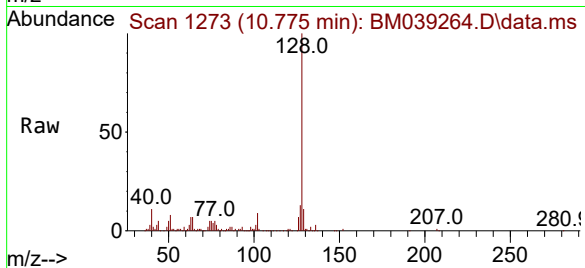
Tgt Ion:128 Resp: 111698

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.4 10.3 15.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1917

Delta R.T. -0.000 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

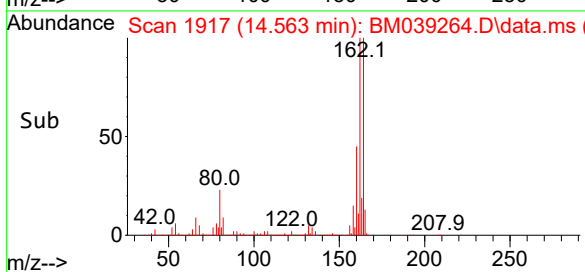
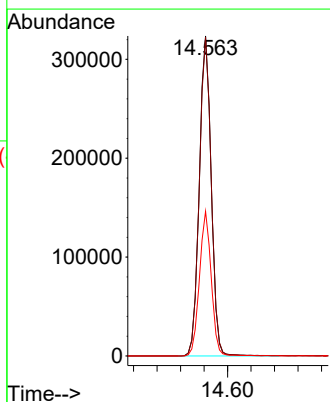
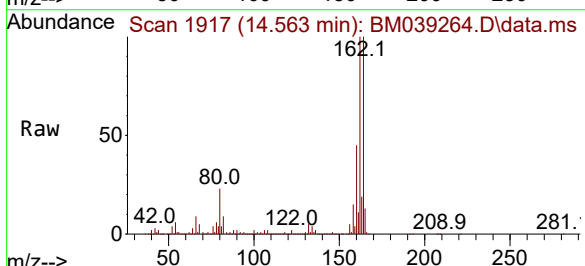
Tgt Ion:164 Resp: 455047

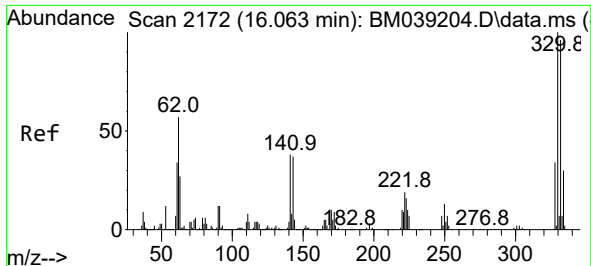
Ion Ratio Lower Upper

164 100

162 99.6 79.1 118.7

160 45.2 35.8 53.8

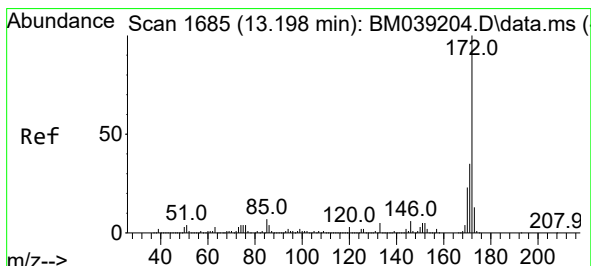
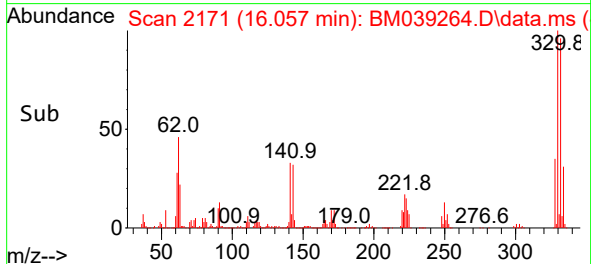
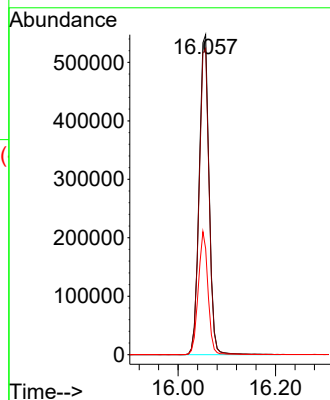
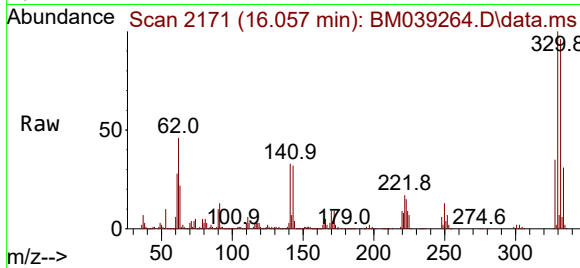




#42  
2,4,6-Tribromophenol  
Concen: 135.069 ng  
RT: 16.057 min Scan# 2172  
Delta R.T. -0.000 min  
Lab File: BM039264.D  
Acq: 31 Mar 2023 21:50

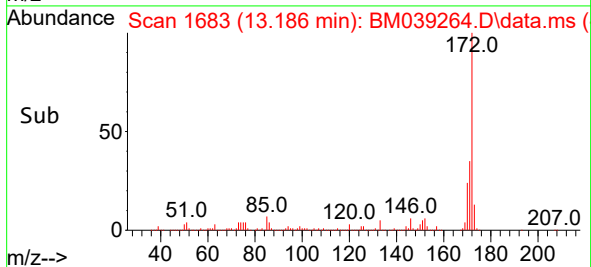
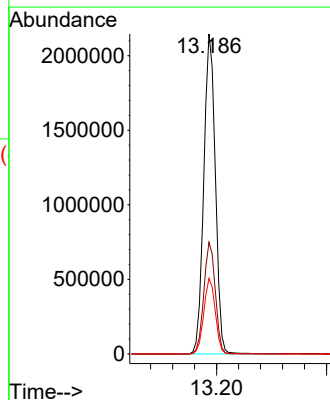
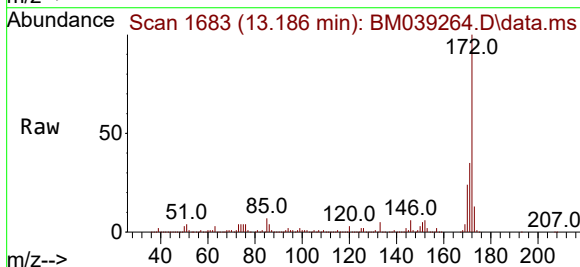
Instrument :  
BNA\_M  
ClientSampleId :  
B-37-GW01

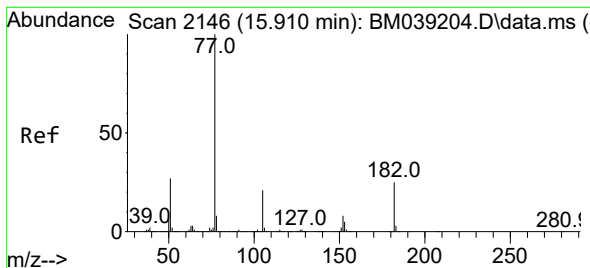
Tgt Ion:330 Resp: 780211  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.4 116.0  
141 37.4 29.8 44.6



#45  
2-Fluorobiphenyl  
Concen: 93.503 ng  
RT: 13.186 min Scan# 1683  
Delta R.T. -0.000 min  
Lab File: BM039264.D  
Acq: 31 Mar 2023 21:50

Tgt Ion:172 Resp: 3140299  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.0 42.0  
170 23.6 18.7 28.1





#63

Azobenzene

Concen: 4.019 ng

RT: 15.921 min Scan# 2146

Delta R.T. 0.023 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

Instrument :

BNA\_M

ClientSampleId :

B-37-GW01

Tgt Ion: 77 Resp: 142126

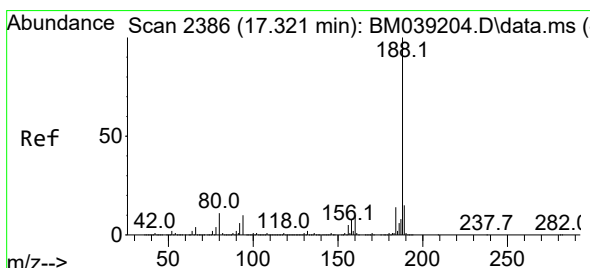
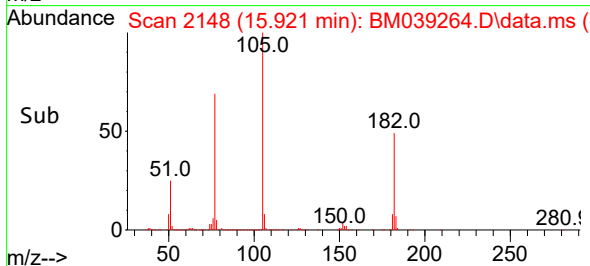
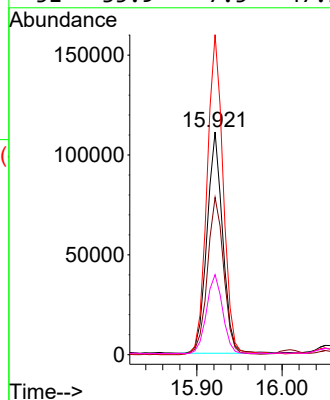
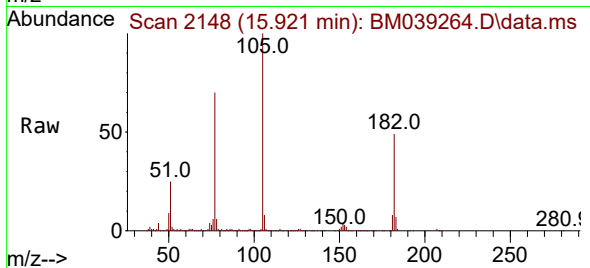
Ion Ratio Lower Upper

77 100

182 70.7 4.8 44.8#

105 143.7 1.4 41.4#

51 35.9 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 2384

Delta R.T. -0.000 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

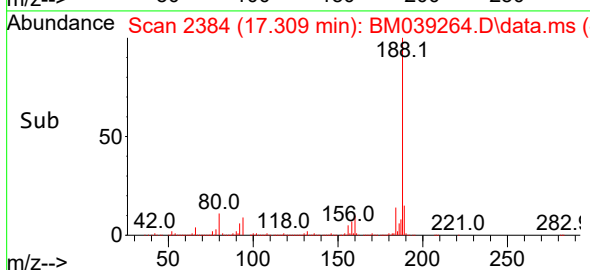
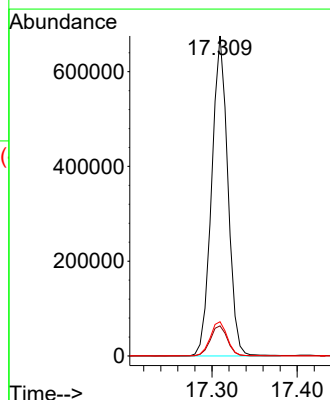
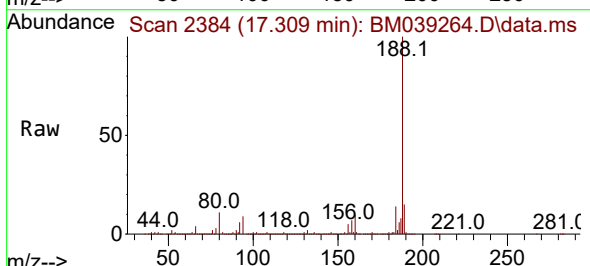
Tgt Ion:188 Resp: 890133

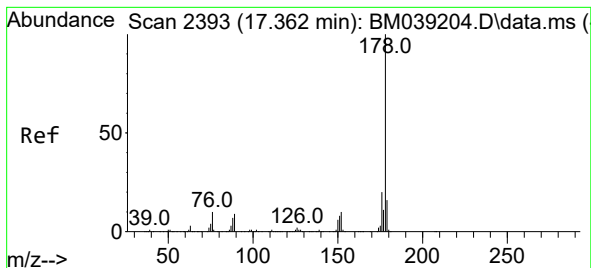
Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.4

80 10.7 8.9 13.3





#71

Phenanthrene

Concen: 2.035 ng

RT: 17.351 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

Instrument :

BNA\_M

ClientSampleId :

B-37-GW01

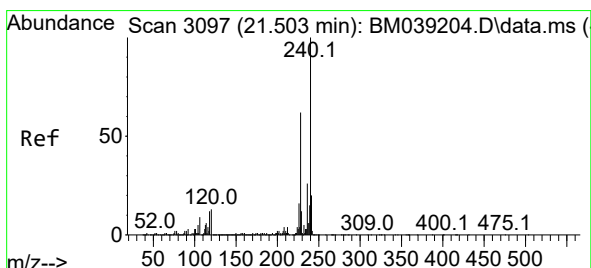
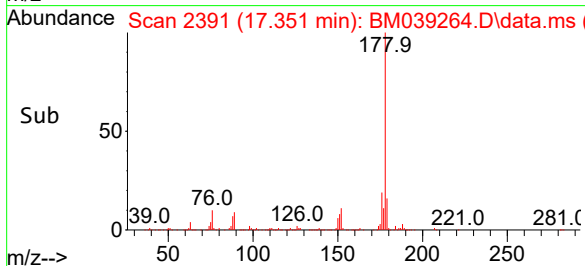
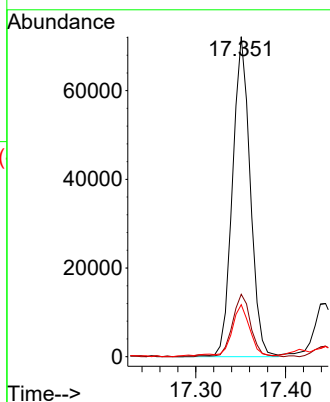
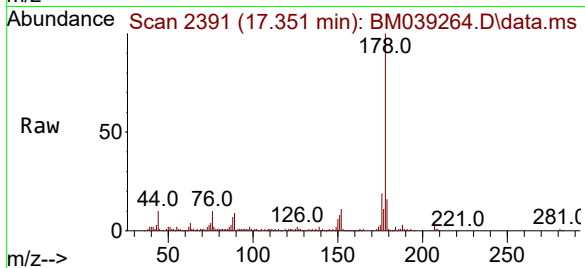
Tgt Ion:178 Resp: 99191

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 16.3 12.4 18.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.492 min Scan# 3095

Delta R.T. -0.006 min

Lab File: BM039264.D

Acq: 31 Mar 2023 21:50

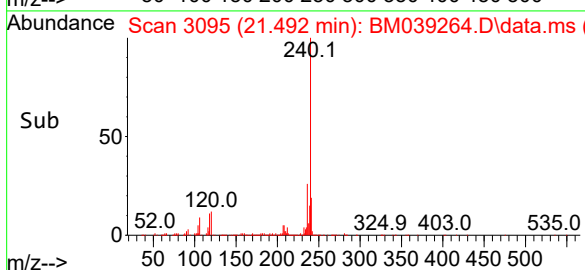
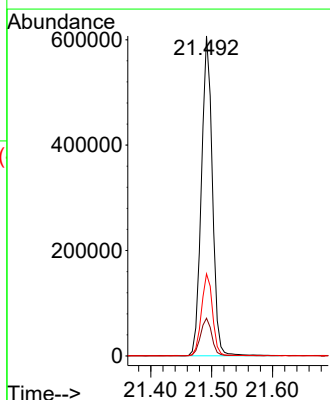
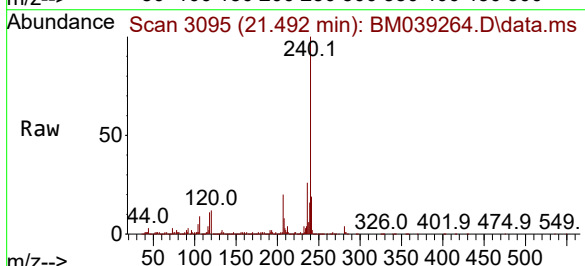
Tgt Ion:240 Resp: 756678

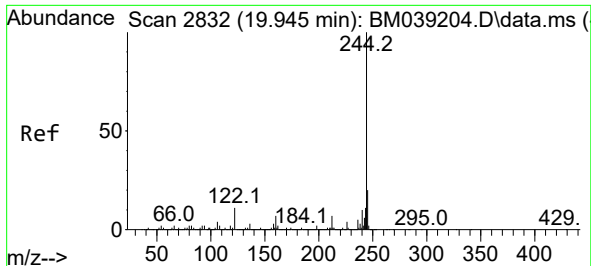
Ion Ratio Lower Upper

240 100

120 11.8 10.2 15.2

236 25.7 20.9 31.3

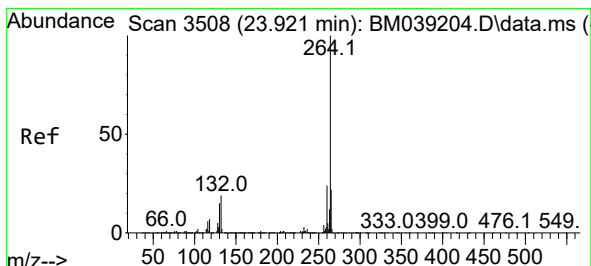
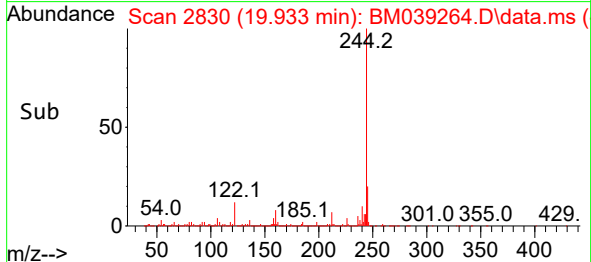
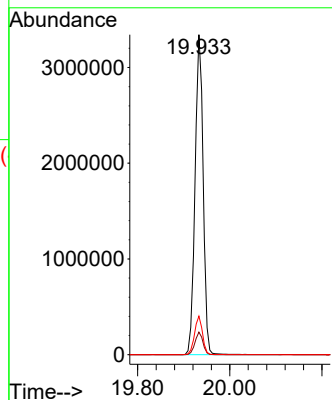
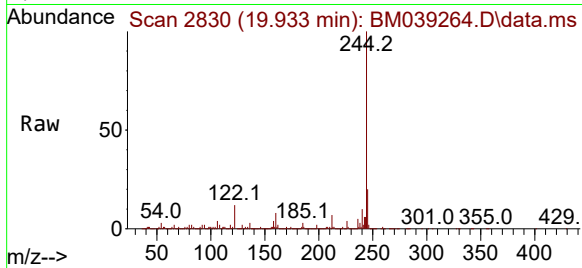




#79  
 Terphenyl-d14  
 Concen: 99.095 ng  
 RT: 19.933 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BM039264.D  
 Acq: 31 Mar 2023 21:50

Instrument :  
 BNA\_M  
 ClientSampleId :  
 B-37-GW01

Tgt Ion:244 Resp: 4058495  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 5.6 8.4  
 122 12.0 9.1 13.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.903 min Scan# 3505  
 Delta R.T. -0.000 min  
 Lab File: BM039264.D  
 Acq: 31 Mar 2023 21:50

Tgt Ion:264 Resp: 926857  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.0 28.6  
 265 22.3 18.1 27.1

