

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM032323\  
 Data File : BM039113.D  
 Acq On : 23 Mar 2023 11:30  
 Operator : CG/JU  
 Sample : PB151425TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151425TB

Quant Time: Mar 24 04:29:04 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM030823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Mar 22 03:36:20 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.963  | 152  | 268003   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.775 | 136  | 1060854  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.604 | 164  | 614276   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.351 | 188  | 1214496  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.533 | 240  | 1002774  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.968 | 264  | 1051686  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 2400562  | 136.086 | ng    | 0.00     |
| 7) Phenol-d6                | 7.128  | 99   | 2973821  | 129.790 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.134  | 82   | 1819536  | 84.250  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.092 | 330  | 955076   | 134.400 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.233 | 172  | 3870595  | 82.027  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.974 | 244  | 5163181  | 94.139  | ng    | 0.00     |

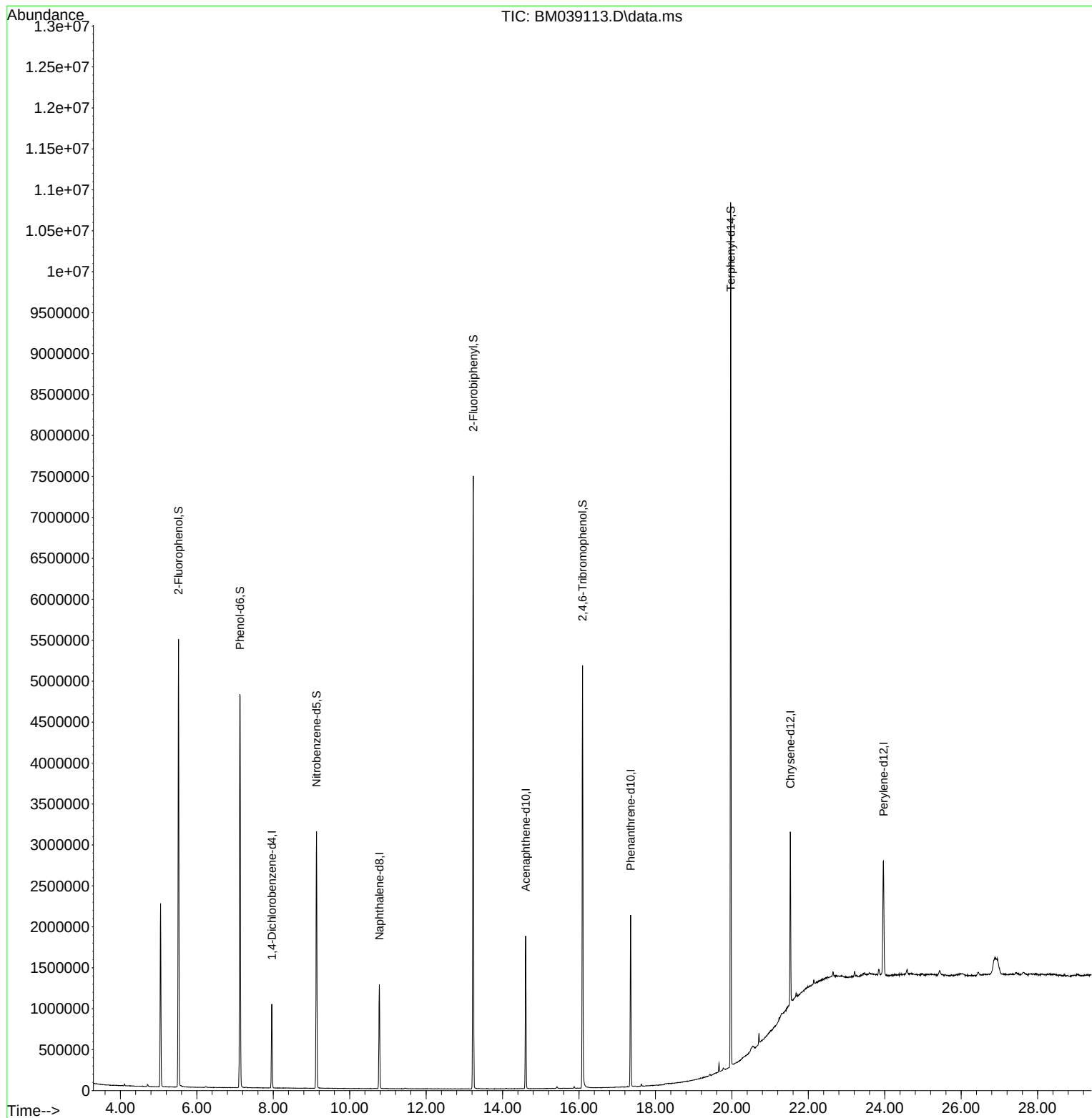
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

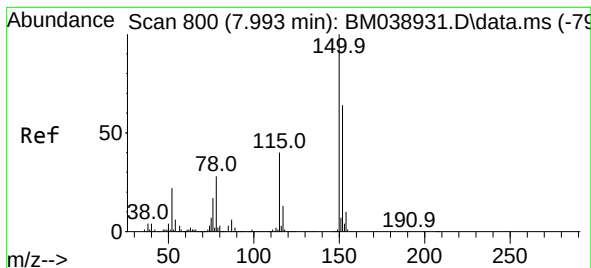
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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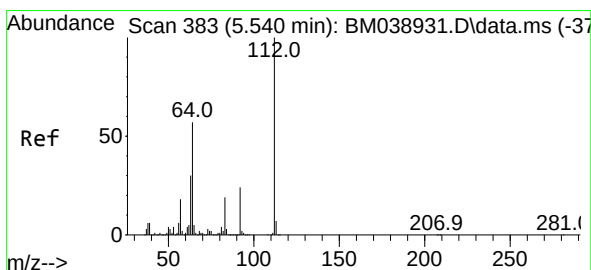
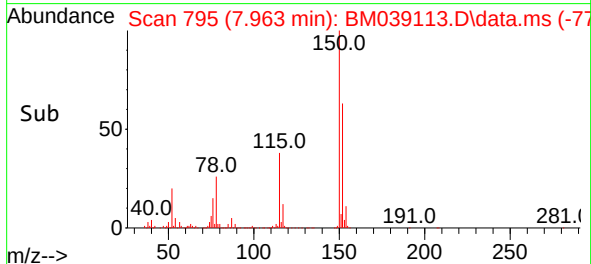
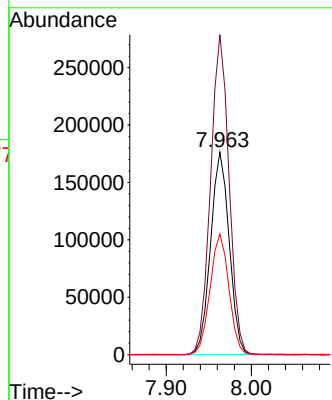
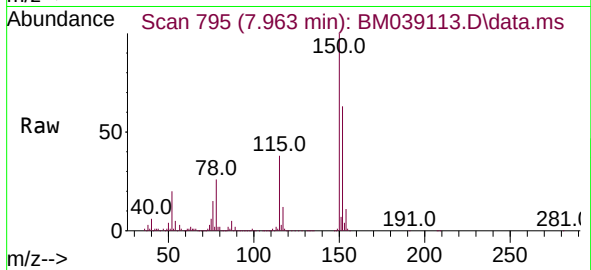




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.963 min Scan# 79  
Delta R.T. -0.006 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

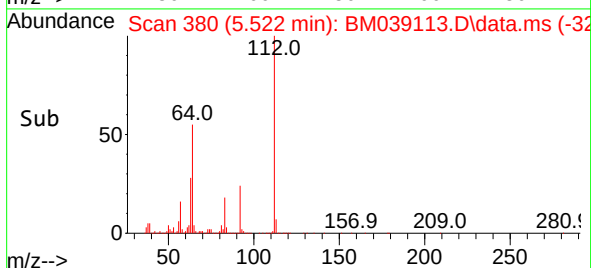
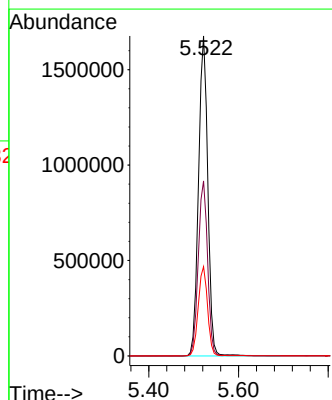
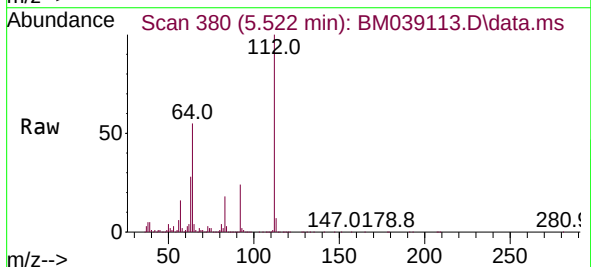
Instrument :  
BNA\_M  
ClientSampleId :  
PB151425TB

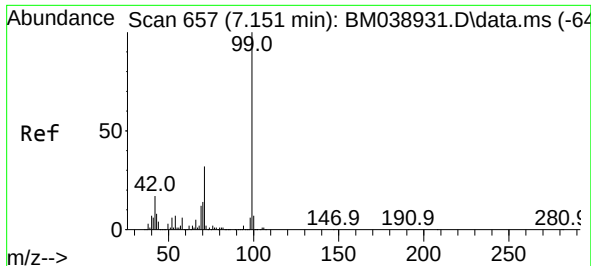
Tgt Ion:152 Resp: 268003  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.1 187.7  
115 59.5 49.6 74.4



#5  
2-Fluorophenol  
Concen: 136.086 ng  
RT: 5.522 min Scan# 380  
Delta R.T. 0.000 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

Tgt Ion:112 Resp: 2400562  
Ion Ratio Lower Upper  
112 100  
64 54.7 45.9 68.9  
63 27.9 23.8 35.8



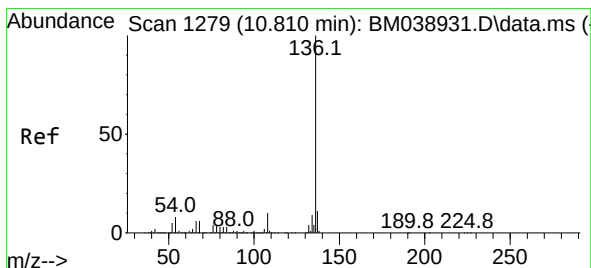
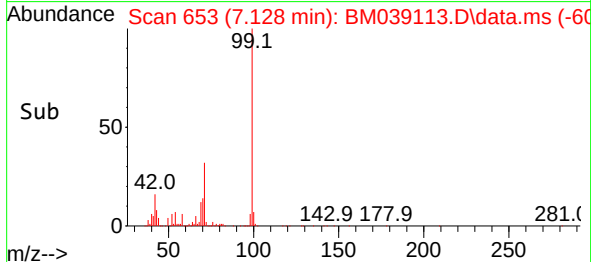
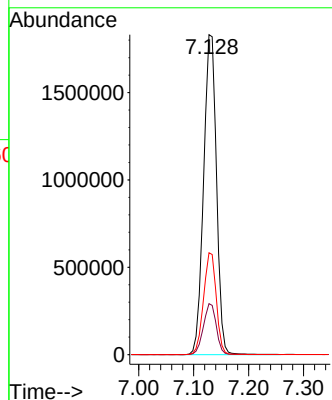
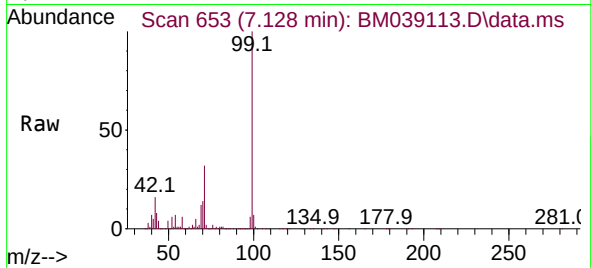


#7  
Phenol-d6  
Concen: 129.790 ng  
RT: 7.128 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

Instrument :  
BNA\_M  
ClientSampleId :  
PB151425TB

Tgt Ion: 99 Resp: 2973821

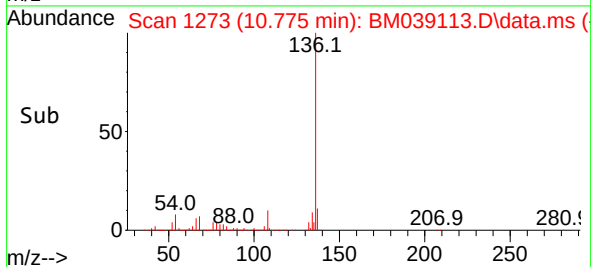
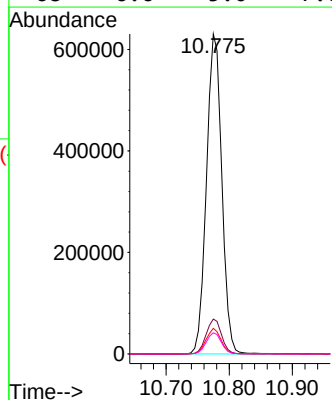
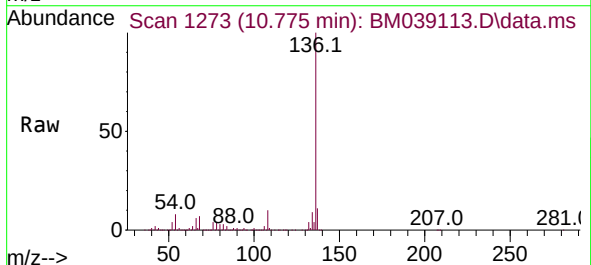
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.9  | 13.5  | 20.3  |
| 71  | 31.8  | 25.6  | 38.4  |

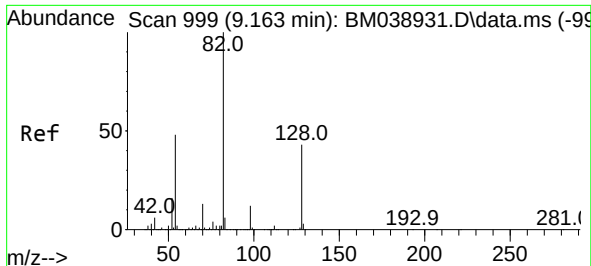


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.775 min Scan# 1273  
Delta R.T. -0.006 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

Tgt Ion: 136 Resp: 1060854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 8.0   | 6.3   | 9.5   |
| 68  | 6.6   | 5.0   | 7.6   |

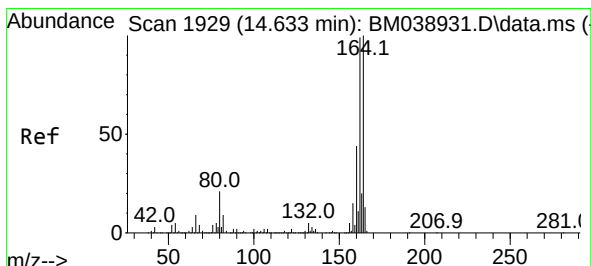
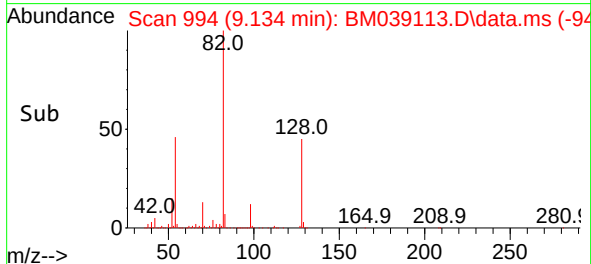
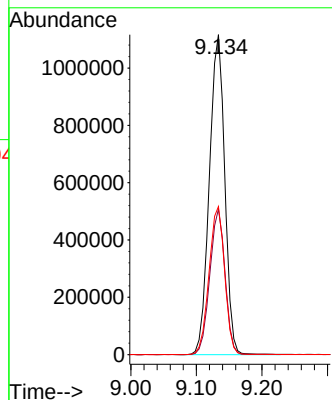
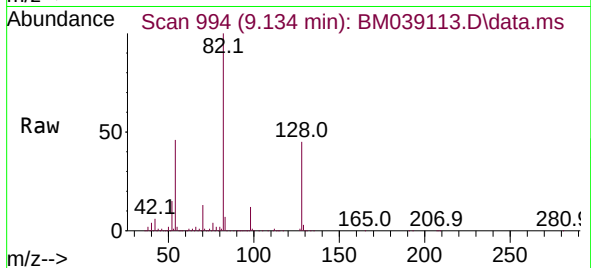




#23  
Nitrobenzene-d5  
Concen: 84.250 ng  
RT: 9.134 min Scan# 999  
Delta R.T. -0.006 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

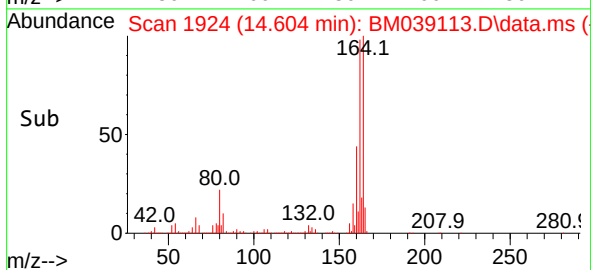
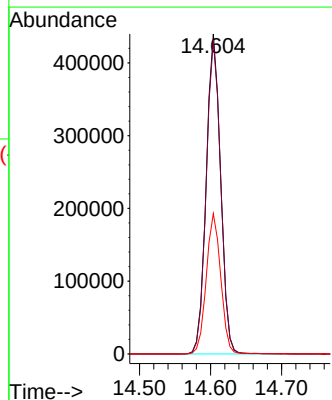
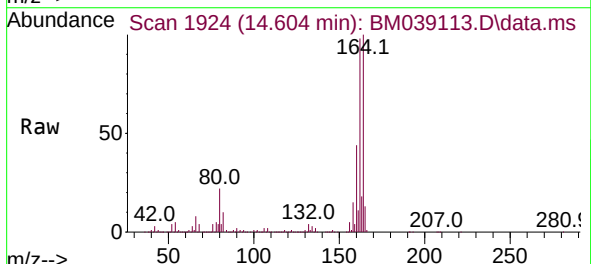
Instrument :  
BNA\_M  
ClientSampleId :  
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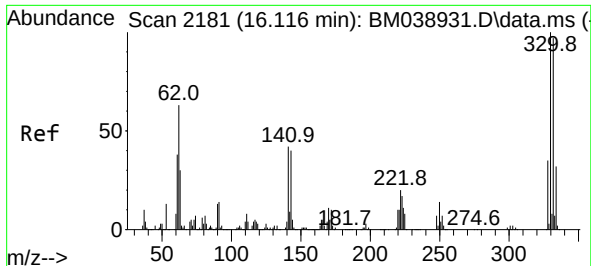
Tgt Ion: 82 Resp: 1819536  
Ion Ratio Lower Upper  
82 100  
128 45.5 34.4 51.6  
54 46.3 38.8 58.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.604 min Scan# 1924  
Delta R.T. -0.006 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

Tgt Ion: 164 Resp: 614276  
Ion Ratio Lower Upper  
164 100  
162 98.0 79.2 118.8  
160 43.8 35.5 53.3

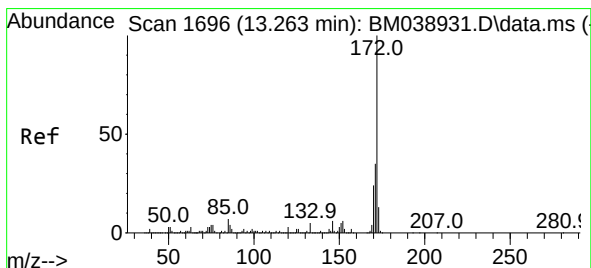
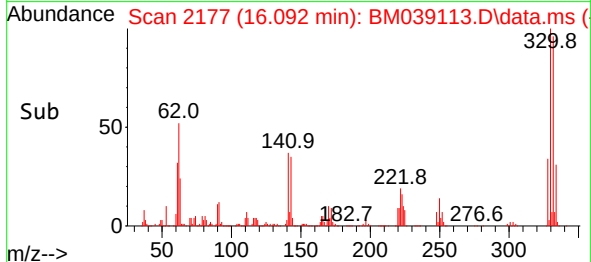
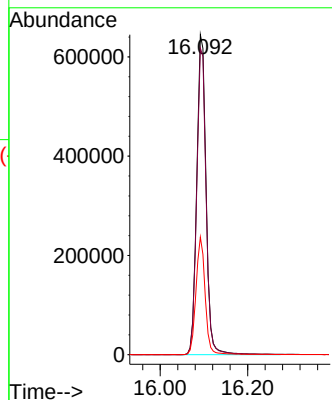
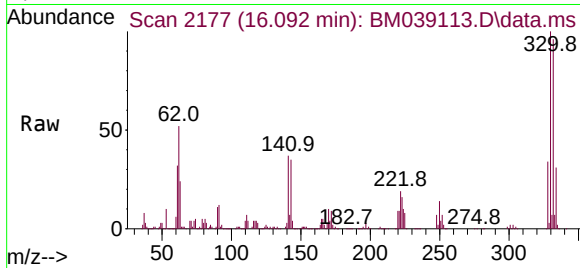




#42  
2,4,6-Tribromophenol  
Concen: 134.400 ng  
RT: 16.092 min Scan# 2181  
Delta R.T. -0.006 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

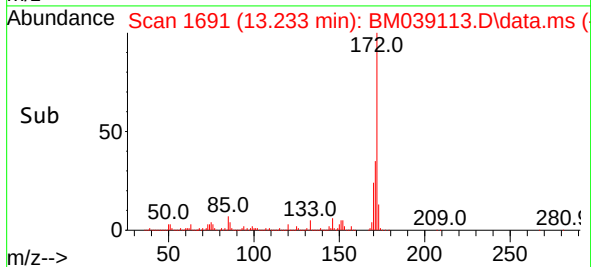
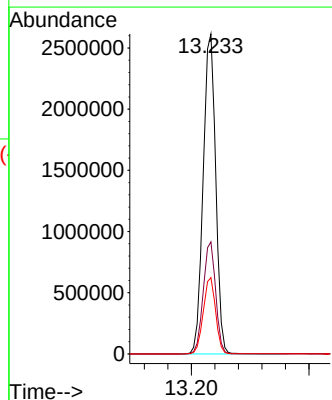
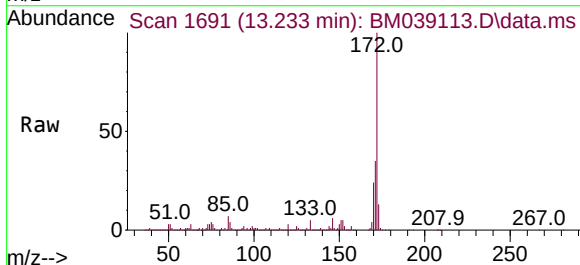
Instrument :  
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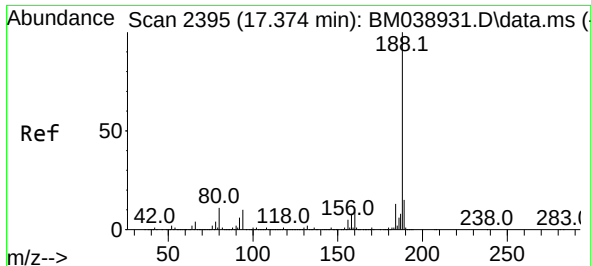
Tgt Ion:330 Resp: 955076  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.4 116.0  
141 36.2 32.2 48.4



#45  
2-Fluorobiphenyl  
Concen: 82.027 ng  
RT: 13.233 min Scan# 1691  
Delta R.T. -0.000 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

Tgt Ion:172 Resp: 3870595  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.2 42.2  
170 23.8 19.1 28.7

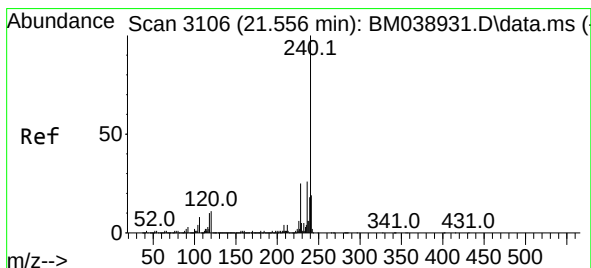
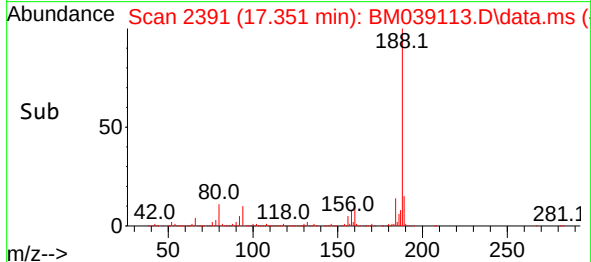
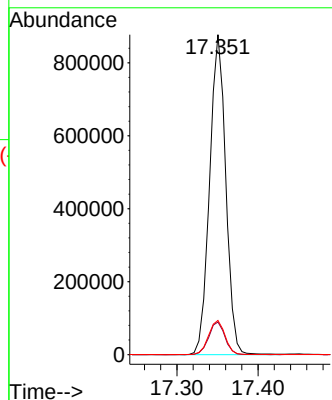
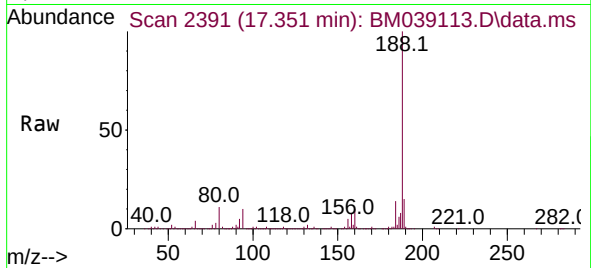




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.351 min Scan# 2391  
Delta R.T. -0.000 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

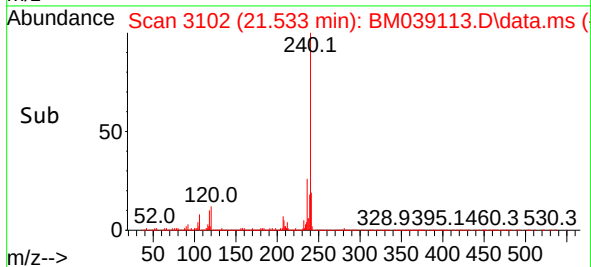
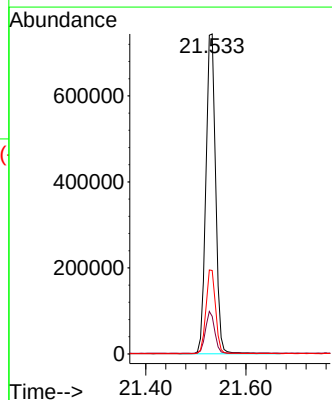
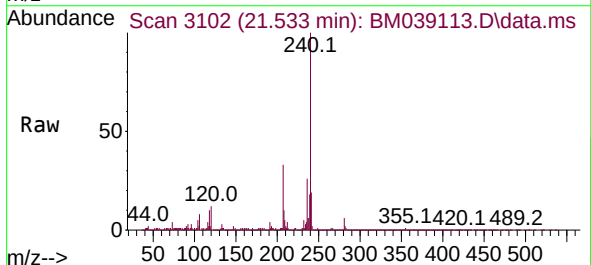
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BNA\_M  
ClientSampleId :  
PB151425TB

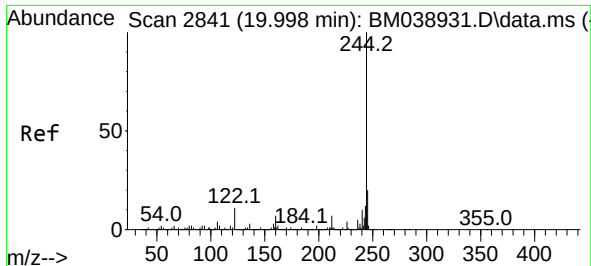
Tgt Ion:188 Resp: 1214496  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.9 11.9  
80 10.7 8.5 12.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.533 min Scan# 3102  
Delta R.T. -0.000 min  
Lab File: BM039113.D  
Acq: 23 Mar 2023 11:30

Tgt Ion:240 Resp: 1002774  
Ion Ratio Lower Upper  
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120 11.7 9.2 13.8  
236 26.1 20.8 31.2

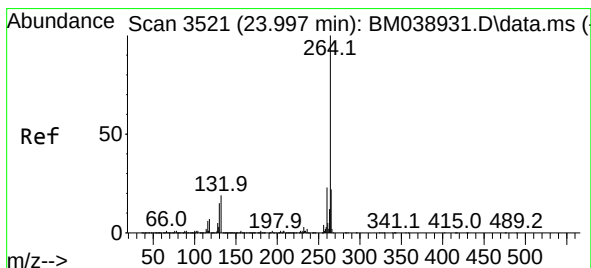
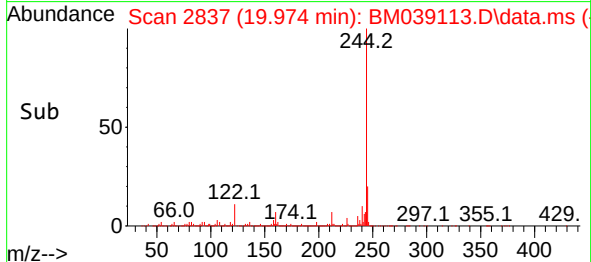
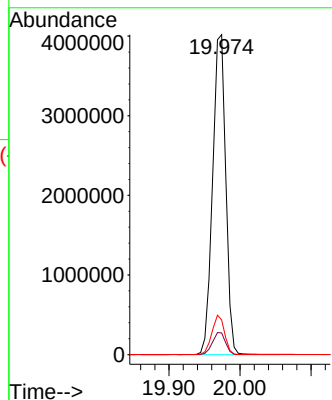
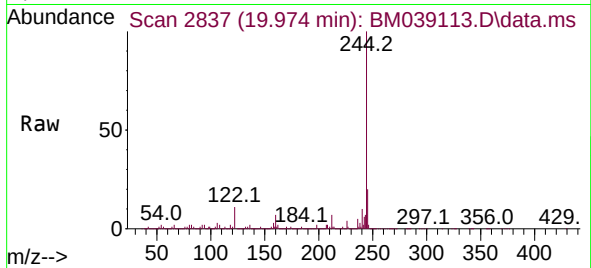




#79  
 Terphenyl-d14  
 Concen: 94.139 ng  
 RT: 19.974 min Scan# 2841  
 Delta R.T. 0.006 min  
 Lab File: BM039113.D  
 Acq: 23 Mar 2023 11:30

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB151425TB

Tgt Ion:244 Resp: 5163181  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.5 8.3  
 122 10.8 9.0 13.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.968 min Scan# 3516  
 Delta R.T. 0.006 min  
 Lab File: BM039113.D  
 Acq: 23 Mar 2023 11:30

Tgt Ion:264 Resp: 1051686  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.7 28.1  
 265 22.7 17.9 26.9

