

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080222\  
 Data File : BM036071.D  
 Acq On : 03 Aug 2022 02:59  
 Operator : CG/JU  
 Sample : N3894-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 RVE-25

Quant Time: Aug 03 03:33:44 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM080122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 01 17:50:14 2022  
 Response via : Initial Calibration

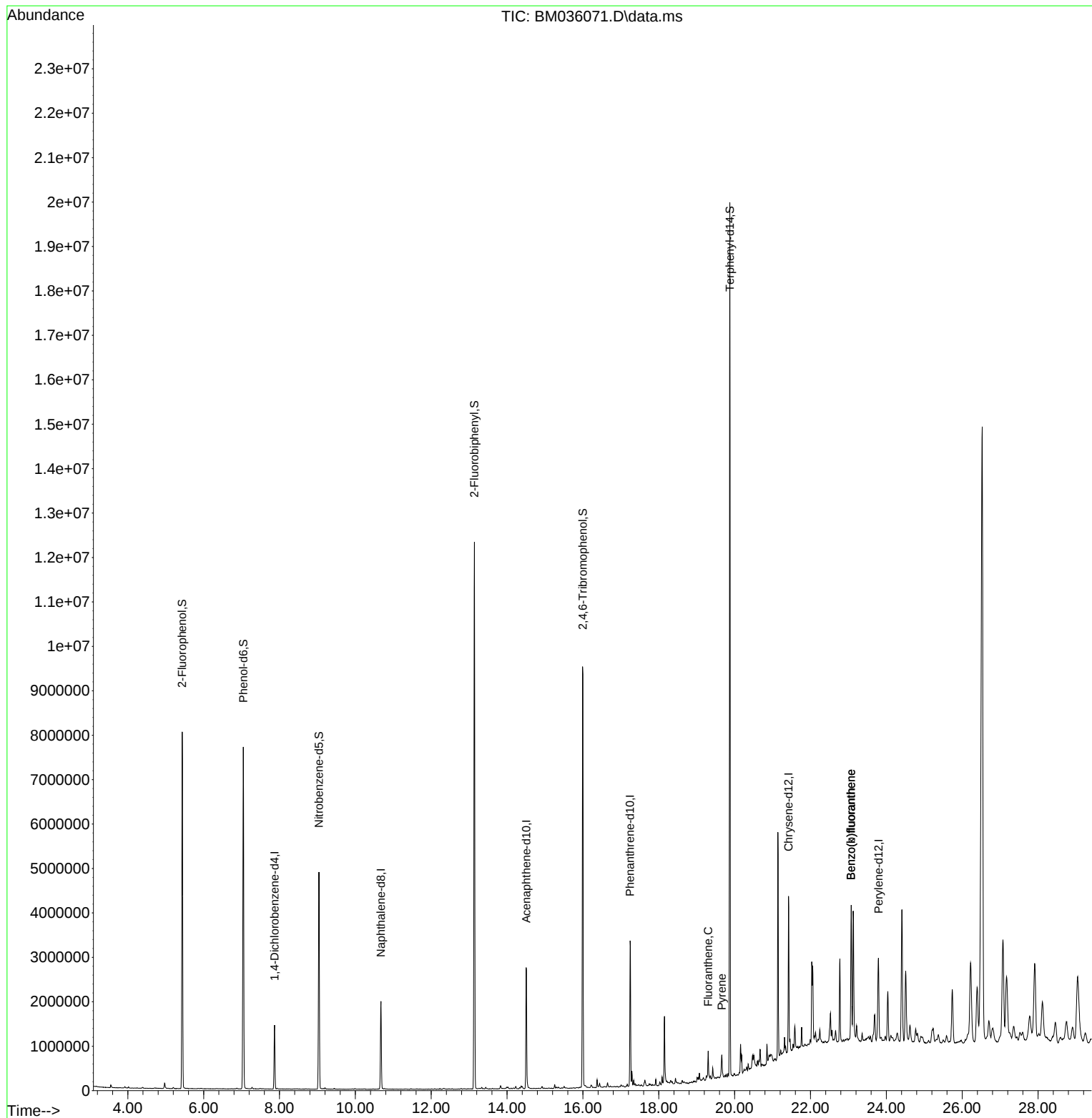
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.869  | 152  | 381603   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.675 | 136  | 1642472  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.504 | 164  | 959733   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.245 | 188  | 1943102  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.421 | 240  | 1535805  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 23.791 | 264  | 1295454  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 3491917  | 148.356 | ng    | 0.00     |
| 7) Phenol-d6                | 7.045  | 99   | 4445016  | 148.416 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.039  | 82   | 2760546  | 94.082  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.998 | 330  | 1798270  | 159.719 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.139 | 172  | 6182510  | 95.113  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.874 | 244  | 9021903  | 115.869 | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 75) Fluoranthene            | 19.303 | 202  | 249387   | 2.251   | ng    | 98       |
| 78) Pyrene                  | 19.662 | 202  | 271933   | 2.855   | ng    | 98       |
| 88) Benzo(b)fluoranthene    | 23.068 | 252  | 173594   | 2.287   | ng    | # 75     |
| 89) Benzo(k)fluoranthene    | 23.068 | 252  | 173594   | 2.264   | ng    | # 74     |
| -----                       |        |      |          |         |       |          |

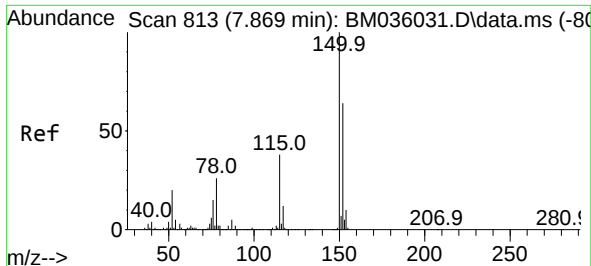
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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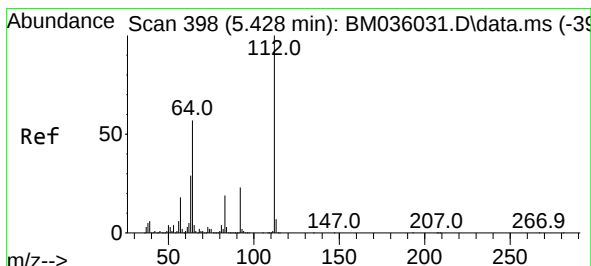
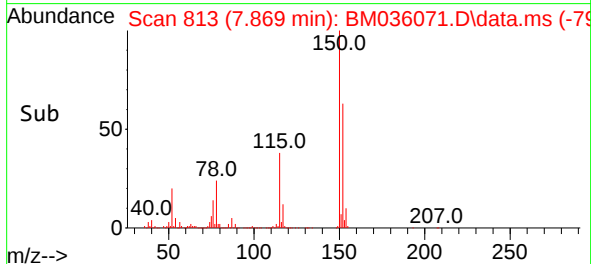
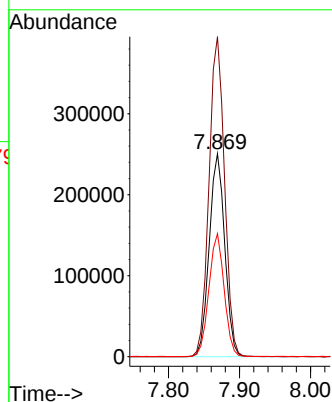
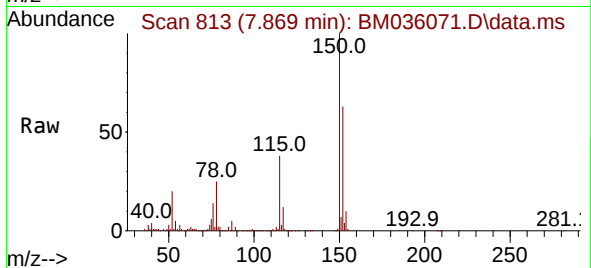




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

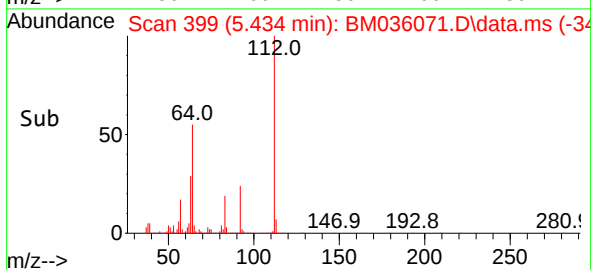
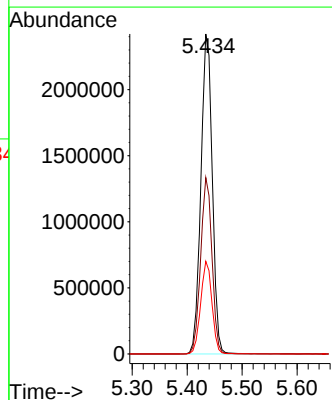
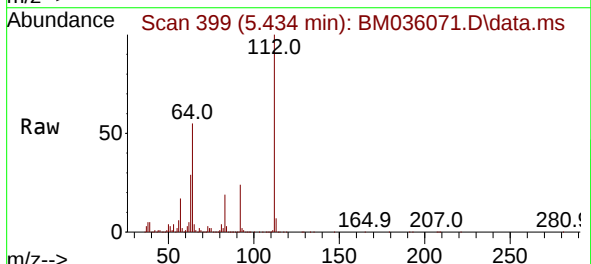
Instrument :  
BNA\_M  
ClientSampleId :  
RVE-25

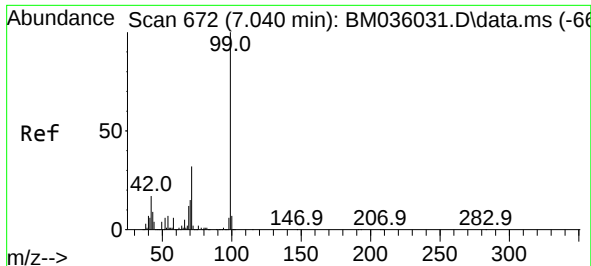
Tgt Ion:152 Resp: 381603  
Ion Ratio Lower Upper  
152 100  
150 157.6 124.9 187.3  
115 60.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 148.356 ng  
RT: 5.434 min Scan# 399  
Delta R.T. 0.006 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

Tgt Ion:112 Resp: 3491917  
Ion Ratio Lower Upper  
112 100  
64 55.1 47.8 71.6  
63 29.0 26.6 40.0

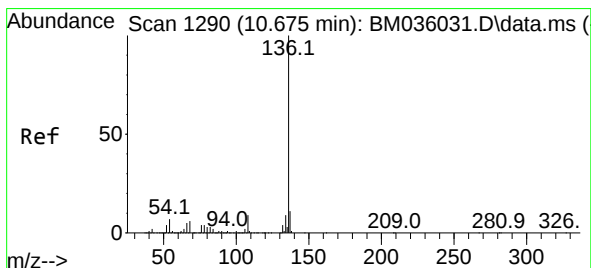
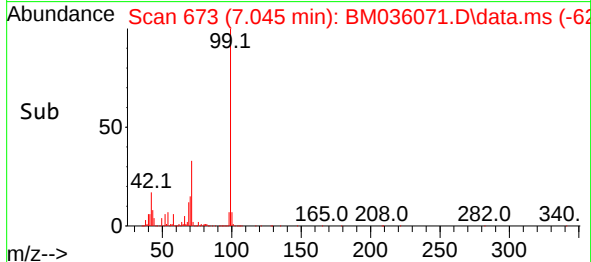
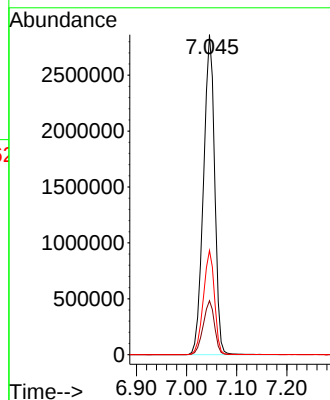
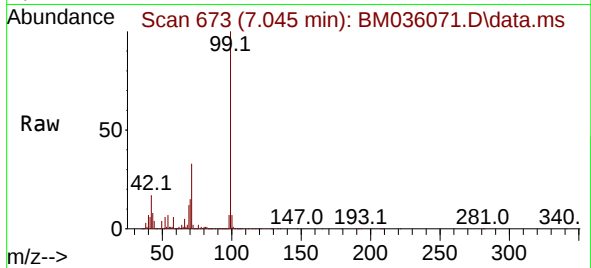




#7  
Phenol-d6  
Concen: 148.416 ng  
RT: 7.045 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

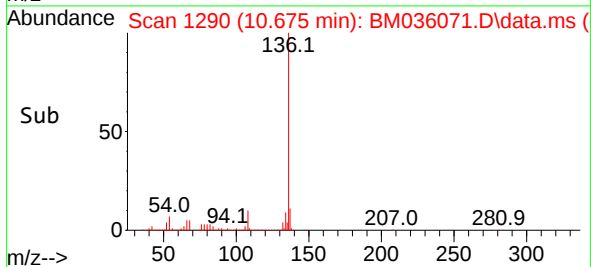
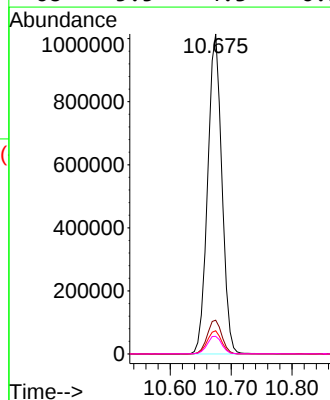
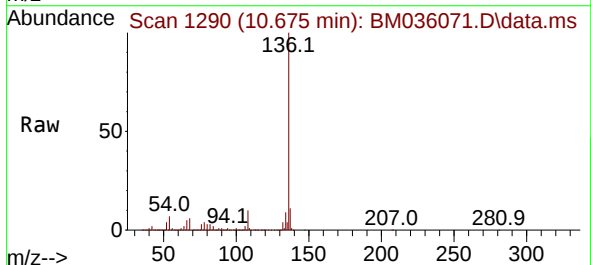
Instrument :  
BNA\_M  
ClientSampleId :  
RVE-25

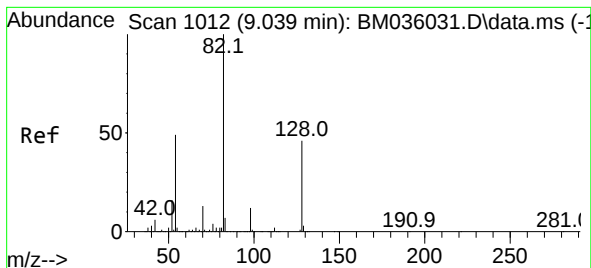
Tgt Ion: 99 Resp: 4445016  
Ion Ratio Lower Upper  
99 100  
42 16.8 18.8 28.2#  
71 32.6 30.2 45.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.675 min Scan# 1290  
Delta R.T. -0.000 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

Tgt Ion: 136 Resp: 1642472  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.9 13.3  
54 7.3 7.0 10.4  
68 5.5 4.3 6.5





#23

Nitrobenzene-d5

Concen: 94.082 ng

RT: 9.039 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

Instrument :

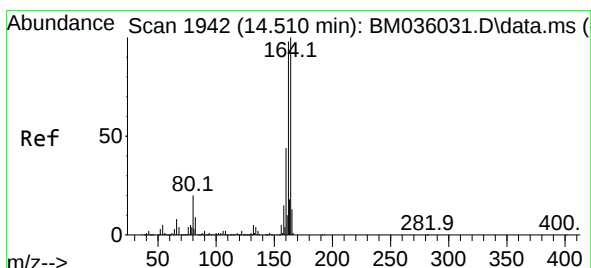
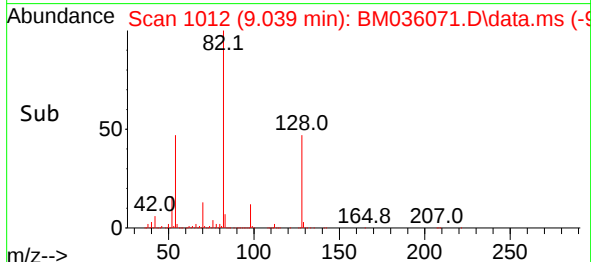
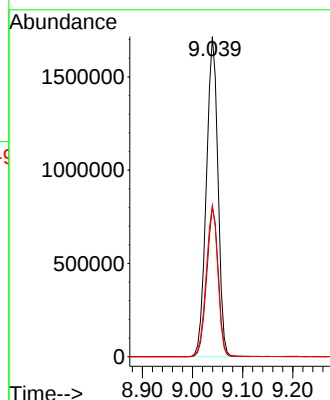
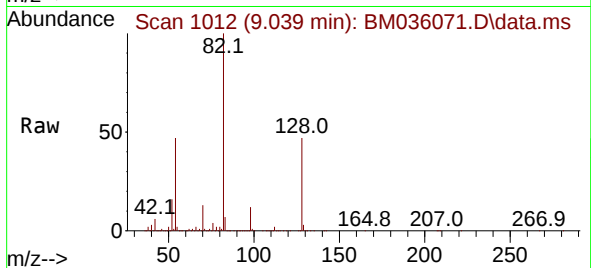
BNA\_M

ClientSampleId :

RVE-25

Tgt Ion: 82 Resp: 2760546

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.8  | 33.7  | 50.5  |
| 54  | 47.2  | 43.2  | 64.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.504 min Scan# 1941

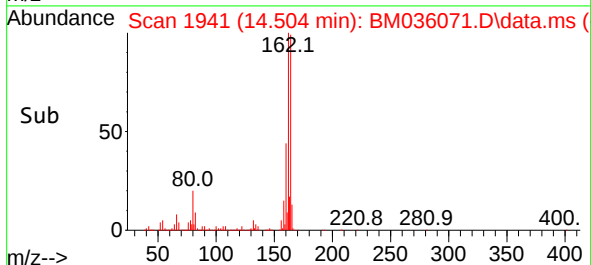
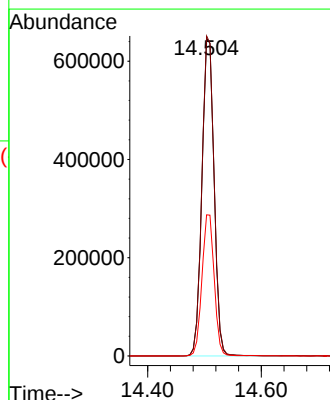
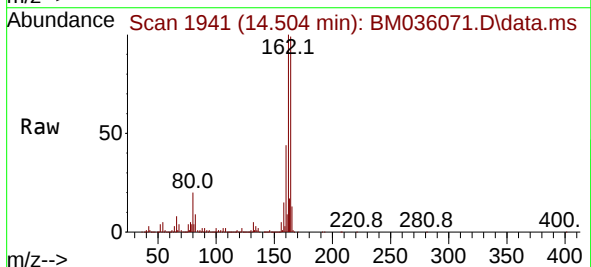
Delta R.T. -0.006 min

Lab File: BM036071.D

Acq: 03 Aug 2022 02:59

Tgt Ion: 164 Resp: 959733

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.8 | 83.0  | 124.6 |
| 160 | 44.4  | 37.0  | 55.4  |

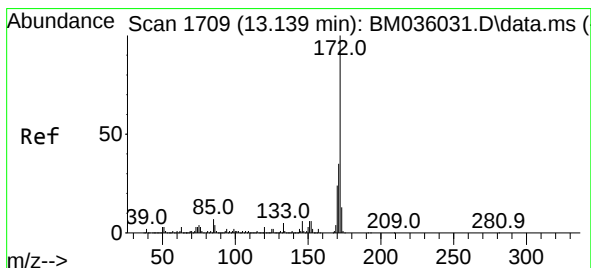
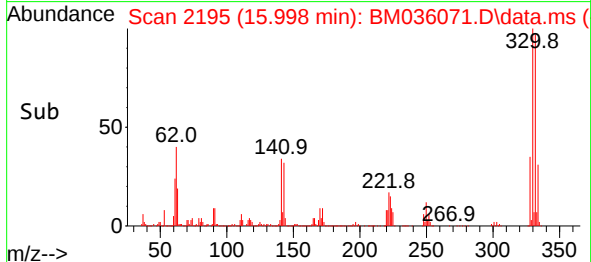
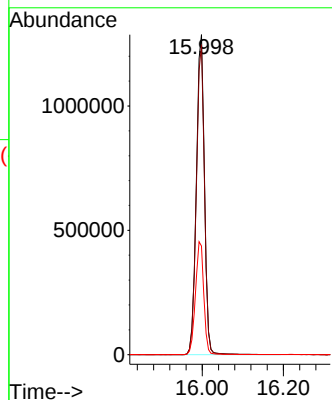
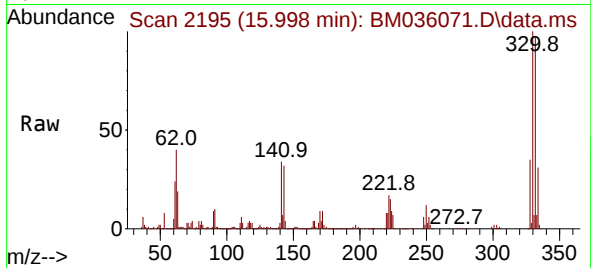




#42  
2,4,6-Tribromophenol  
Concen: 159.719 ng  
RT: 15.998 min Scan# 2195  
Delta R.T. -0.000 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

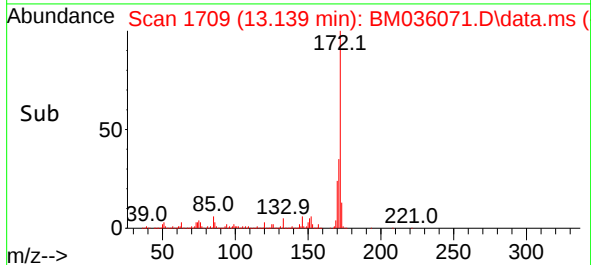
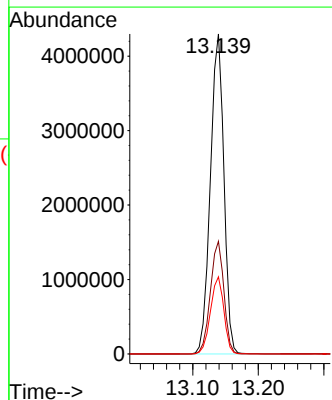
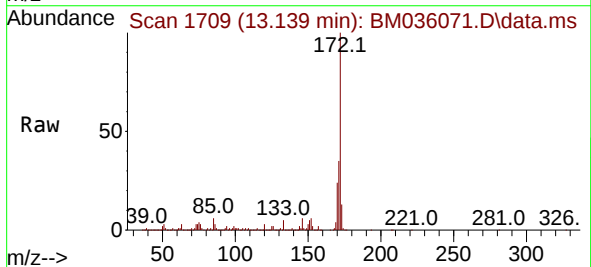
Instrument :  
BNA\_M  
ClientSampleId :  
RVE-25

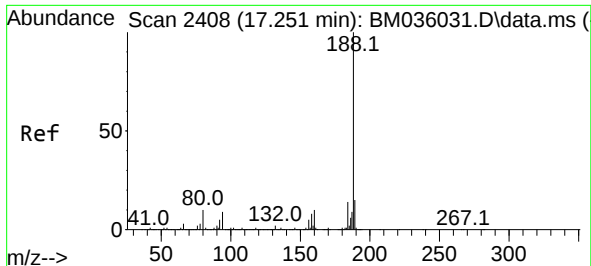
Tgt Ion:330 Resp: 1798270  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.0 115.4  
141 36.1 35.3 52.9



#45  
2-Fluorobiphenyl  
Concen: 95.113 ng  
RT: 13.139 min Scan# 1709  
Delta R.T. -0.000 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

Tgt Ion:172 Resp: 6182510  
Ion Ratio Lower Upper  
172 100  
171 35.2 28.5 42.7  
170 24.1 18.7 28.1

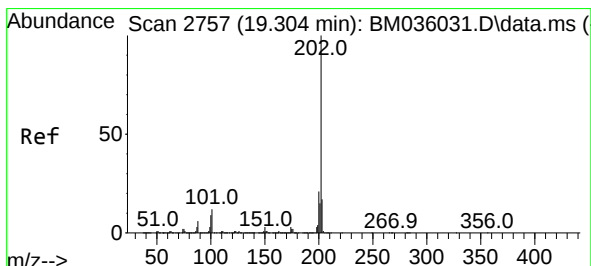
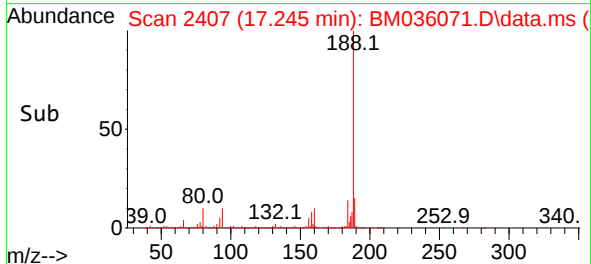
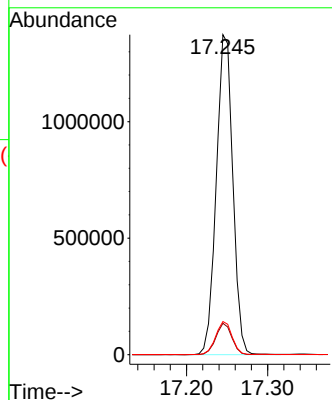
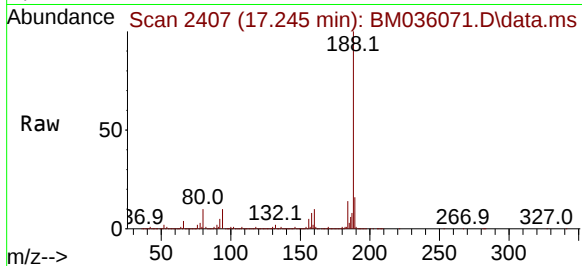




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.245 min Scan# 2408  
Delta R.T. -0.006 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

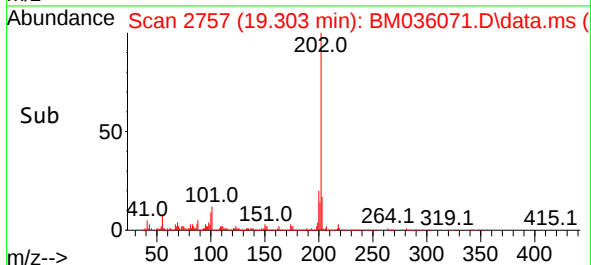
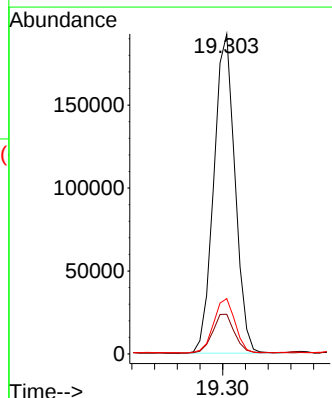
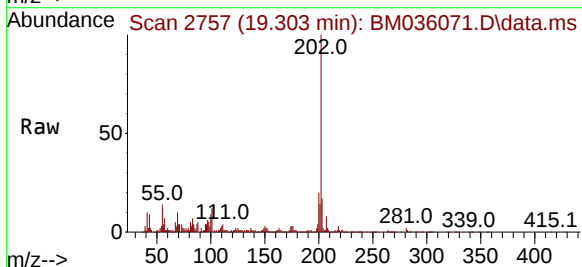
Instrument :  
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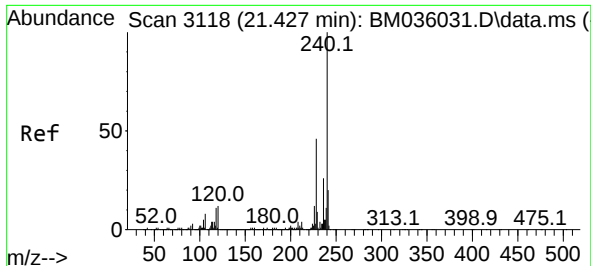
Tgt Ion:188 Resp: 1943102  
Ion Ratio Lower Upper  
188 100  
94 9.8 7.0 10.4  
80 10.4 7.6 11.4



#75  
Fluoranthene  
Concen: 2.251 ng  
RT: 19.303 min Scan# 2757  
Delta R.T. -0.000 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

Tgt Ion:202 Resp: 249387  
Ion Ratio Lower Upper  
202 100  
101 12.4 0.0 30.6  
203 17.3 0.0 37.4

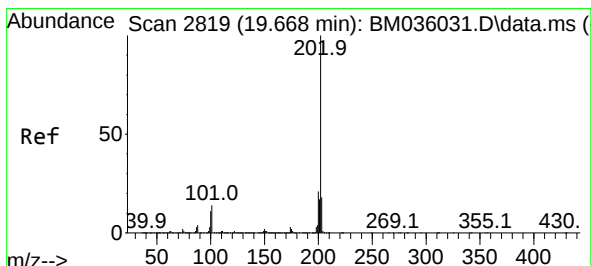
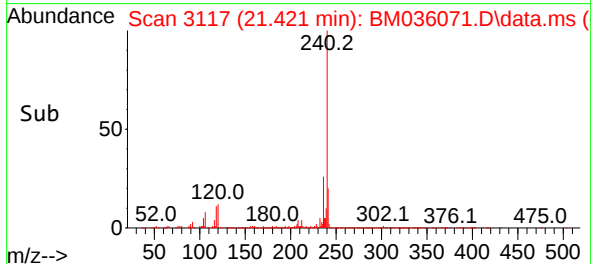
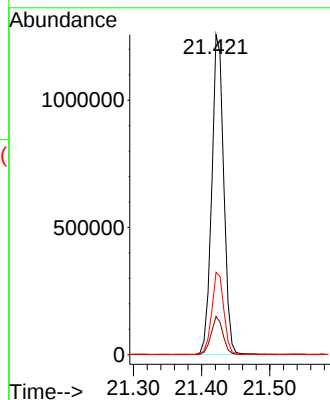
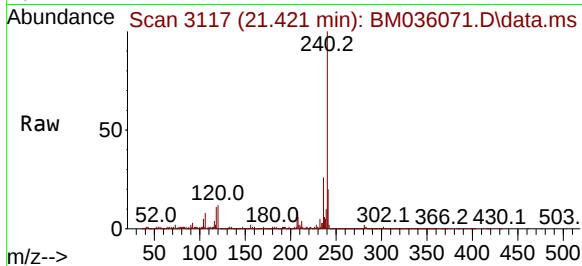




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.421 min Scan# 3118  
Delta R.T. -0.006 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

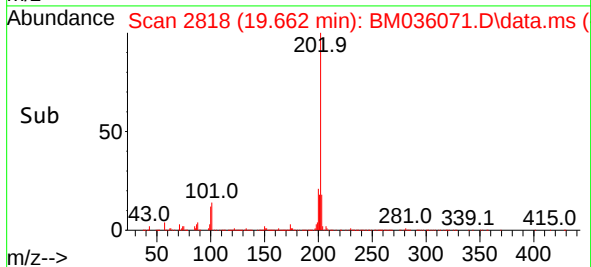
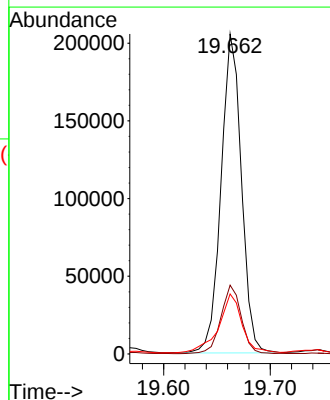
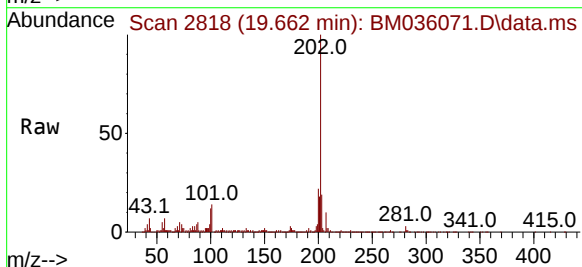
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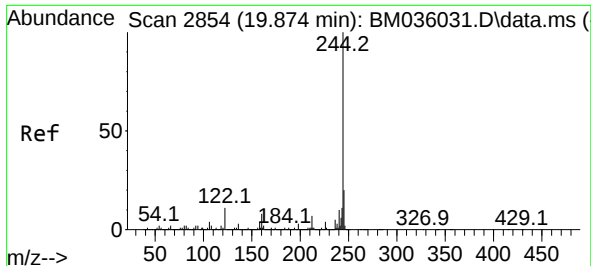
Tgt Ion:240 Resp: 1535805  
Ion Ratio Lower Upper  
240 100  
120 12.0 9.4 14.0  
236 25.7 20.6 30.8



#78  
Pyrene  
Concen: 2.855 ng  
RT: 19.662 min Scan# 2818  
Delta R.T. -0.006 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

Tgt Ion:202 Resp: 271933  
Ion Ratio Lower Upper  
202 100  
200 21.5 16.7 25.1  
203 18.8 13.9 20.9

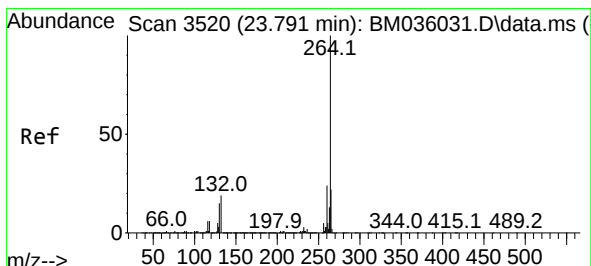
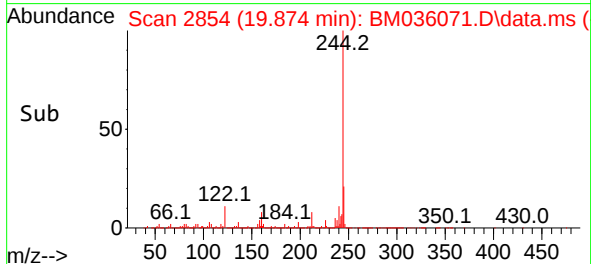
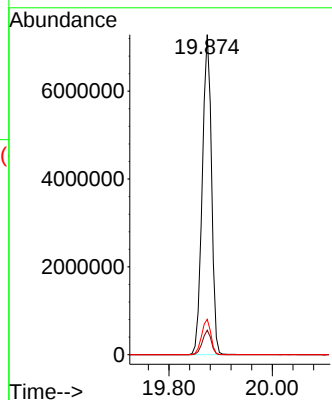
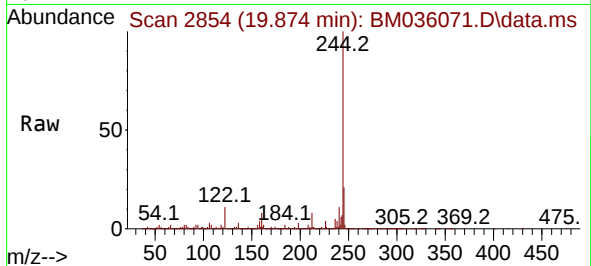




#79  
 Terphenyl-d14  
 Concen: 115.869 ng  
 RT: 19.874 min Scan# 2854  
 Delta R.T. -0.000 min  
 Lab File: BM036071.D  
 Acq: 03 Aug 2022 02:59

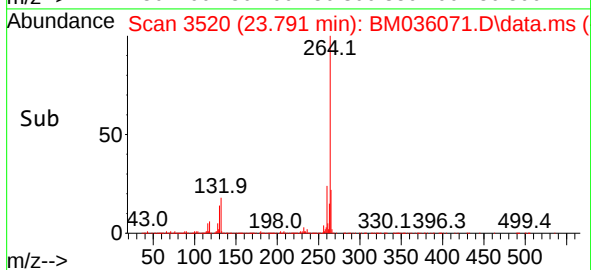
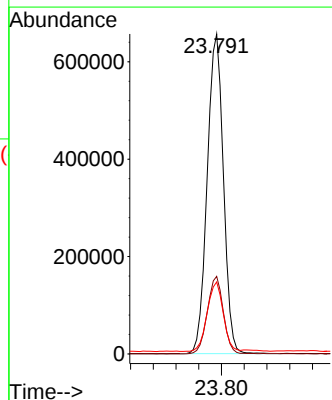
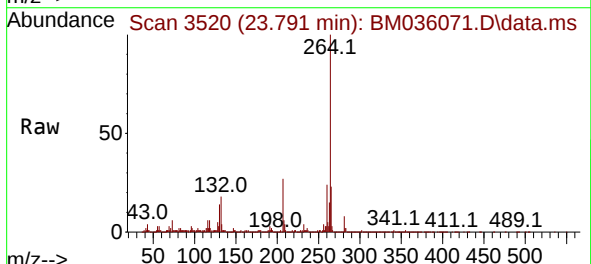
Instrument :  
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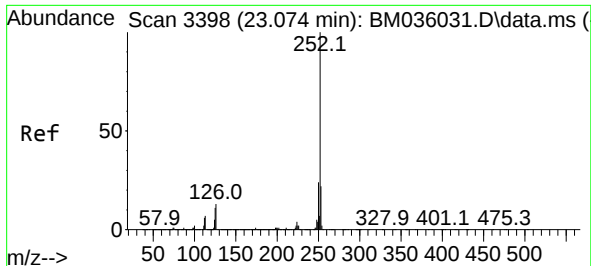
Tgt Ion:244 Resp: 9021903  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.2 9.4  
 122 11.1 8.3 12.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.791 min Scan# 3520  
 Delta R.T. -0.000 min  
 Lab File: BM036071.D  
 Acq: 03 Aug 2022 02:59

Tgt Ion:264 Resp: 1295454  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 18.9 28.3  
 265 22.5 17.5 26.3

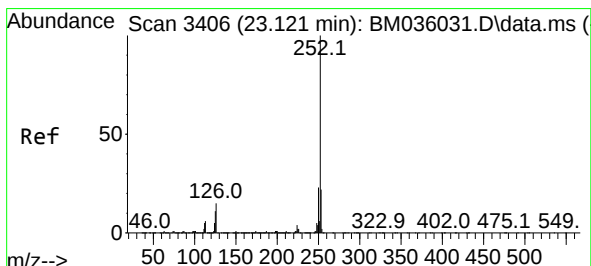
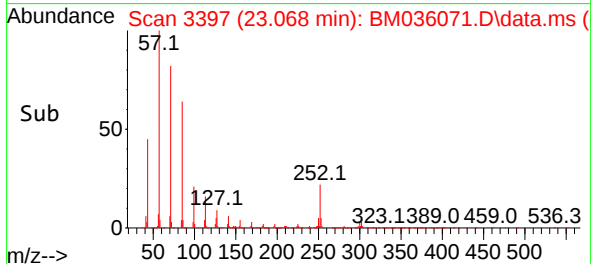
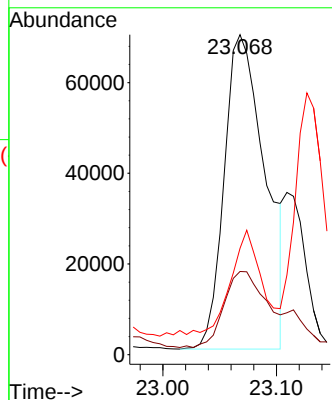
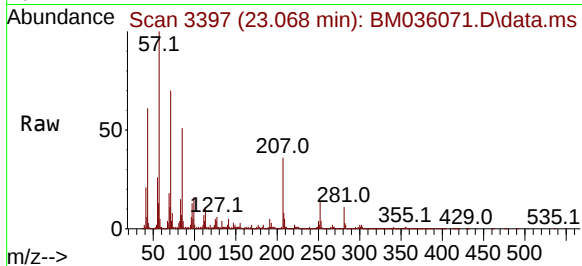




#88  
Benzo(b)fluoranthene  
Concen: 2.287 ng  
RT: 23.068 min Scan# 3397  
Delta R.T. -0.006 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

Instrument :  
BNA\_M  
ClientSampleId :  
RVE-25

Tgt Ion:252 Resp: 173594  
Ion Ratio Lower Upper  
252 100  
253 26.0 17.6 26.4  
125 33.2 7.6 11.4#



#89  
Benzo(k)fluoranthene  
Concen: 2.264 ng  
RT: 23.068 min Scan# 3397  
Delta R.T. -0.053 min  
Lab File: BM036071.D  
Acq: 03 Aug 2022 02:59

Tgt Ion:252 Resp: 173594  
Ion Ratio Lower Upper  
252 100  
253 26.0 17.5 26.3  
125 33.2 7.6 11.4#

