

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022322\  
 Data File : BM034060.D  
 Acq On : 23 Feb 2022 19:42  
 Operator : CG/JU  
 Sample : N1627-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 20220095-BERKELEY-7-ELUTRIATE

Quant Time: Feb 24 04:51:31 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM022222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 22 17:55:56 2022  
 Response via : Initial Calibration

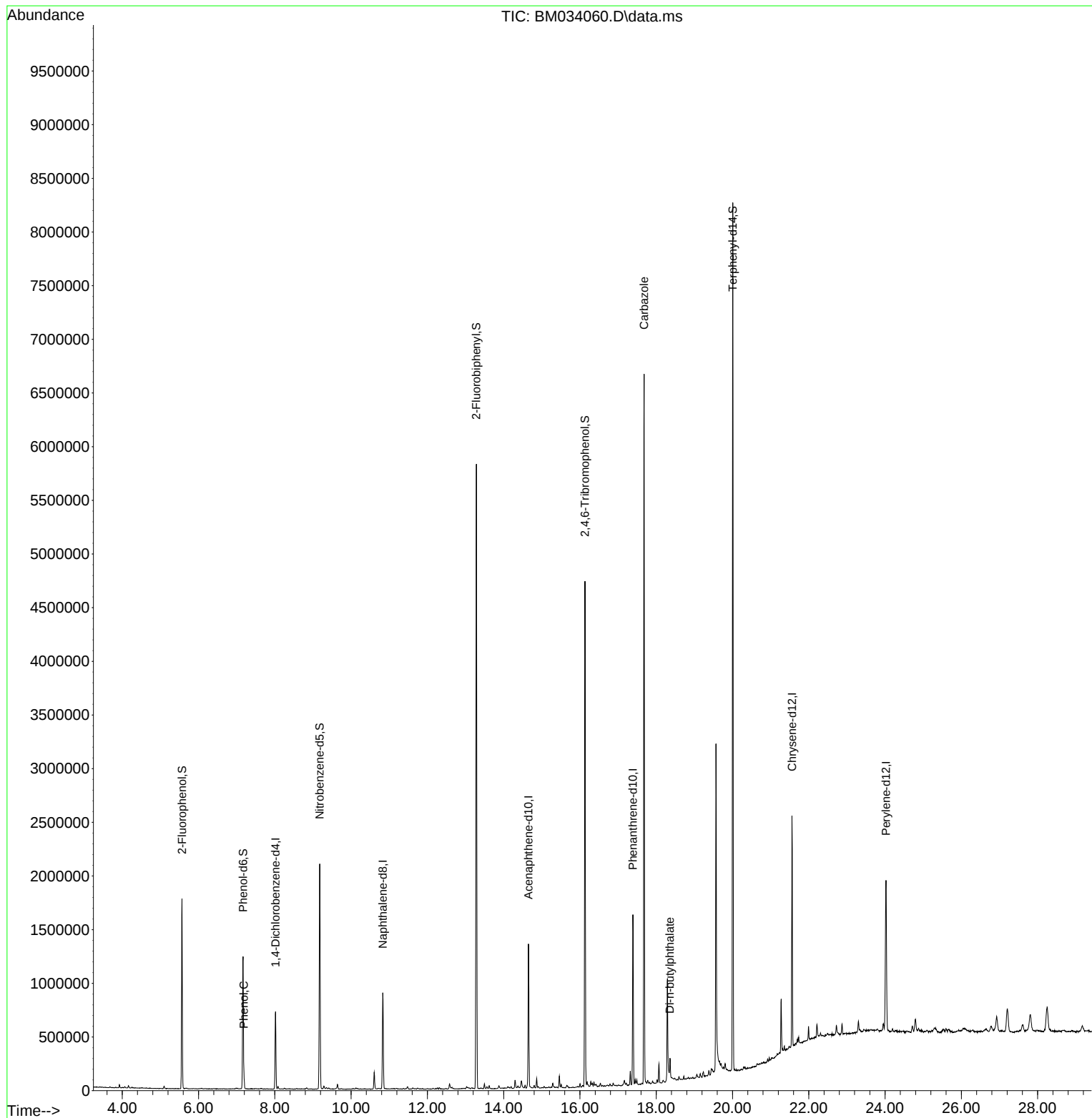
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 8.019  | 152  | 196760   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.831 | 136  | 729408   | 20.000  | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 14.648 | 164  | 453724   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.389 | 188  | 944601   | 20.000  | ng    | # 0.00    |
| 76) Chrysene-d12            | 21.559 | 240  | 1032500  | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 24.024 | 264  | 1093238  | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.566  | 112  | 700065   | 63.425  | ng    | 0.00      |
| 7) Phenol-d6                | 7.166  | 99   | 633206   | 43.687  | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.178  | 82   | 1126949  | 83.377  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.130 | 330  | 831159   | 150.935 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.283 | 172  | 2886475  | 84.757  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.006 | 244  | 3705549  | 62.495  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 10) Phenol                  | 7.190  | 94   | 47989    | 3.366   | ng    | Qvalue 94 |
| 73) Carbazole               | 17.683 | 167  | 118941   | 2.477   | ng    | # 60      |
| 74) Di-n-butylphthalate     | 18.360 | 149  | 114892   | 2.104   | ng    | 99        |
| -----                       |        |      |          |         |       |           |

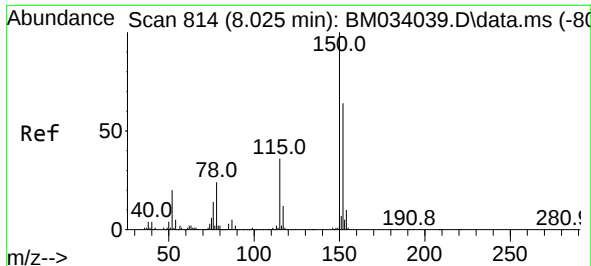
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022322\  
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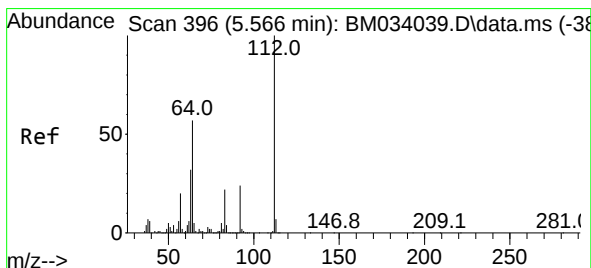
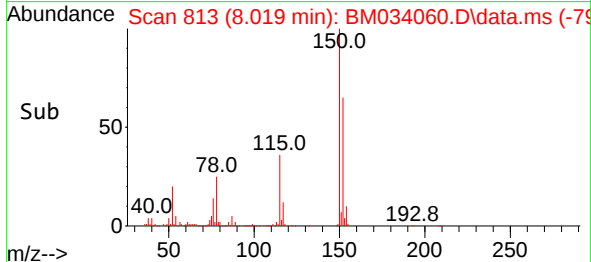
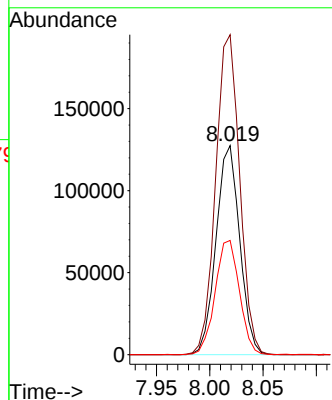
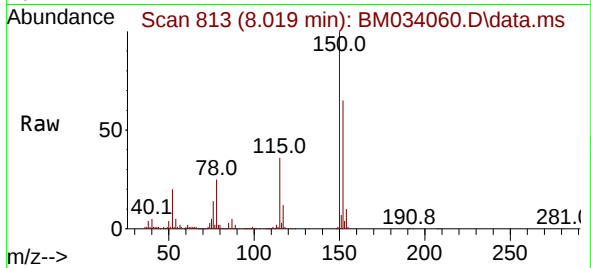




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.019 min Scan# 814  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

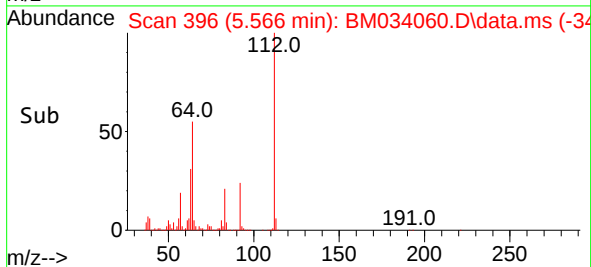
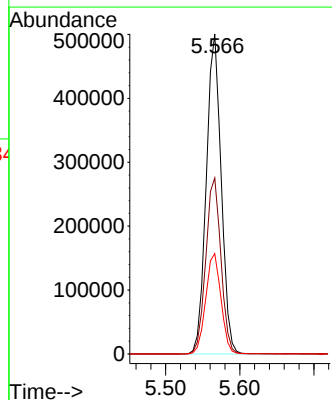
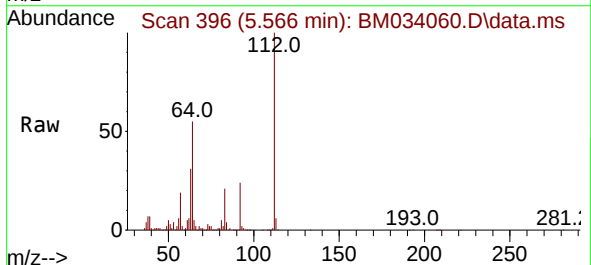
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ClientSampleId :  
20220095-BERKELEY-7-ELUTRIATE

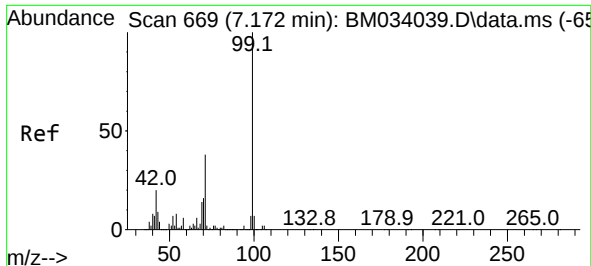
Tgt Ion:152 Resp: 196760  
Ion Ratio Lower Upper  
152 100  
150 153.0 128.9 193.3  
115 54.6 53.0 79.6



#5  
2-Fluorophenol  
Concen: 63.425 ng  
RT: 5.566 min Scan# 396  
Delta R.T. 0.000 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

Tgt Ion:112 Resp: 700065  
Ion Ratio Lower Upper  
112 100  
64 55.0 55.5 83.3#  
63 31.4 31.3 46.9

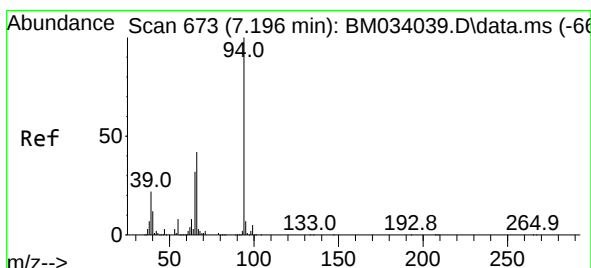
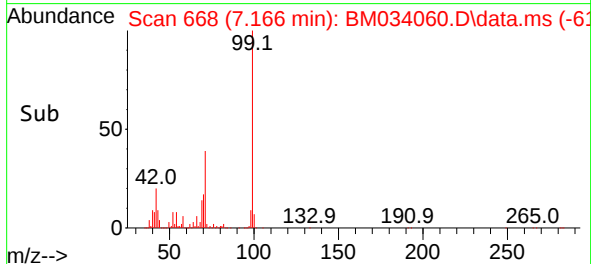
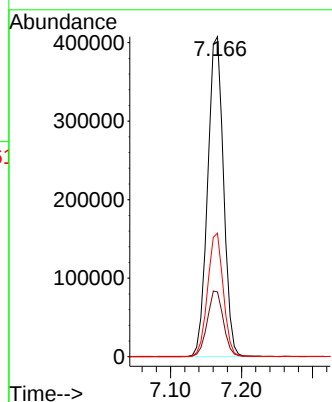
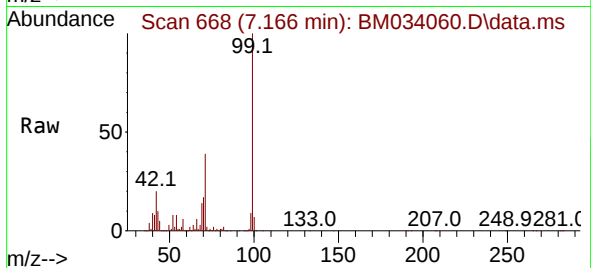




#7  
Phenol-d6  
Concen: 43.687 ng  
RT: 7.166 min Scan# 668  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

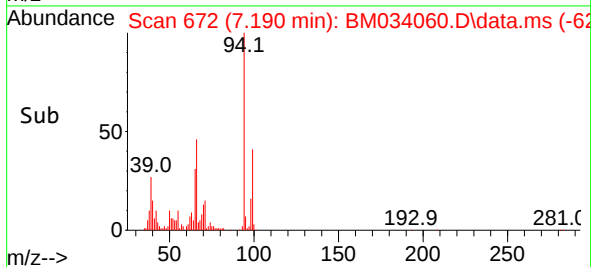
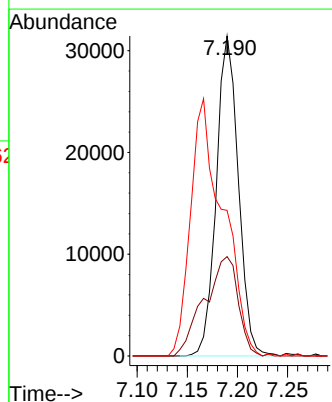
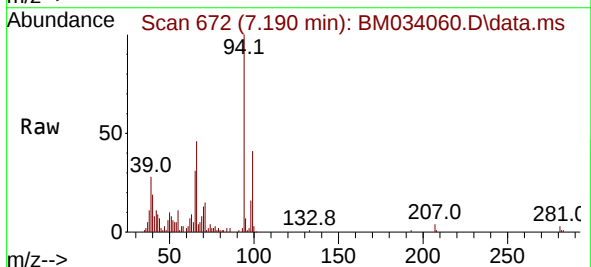
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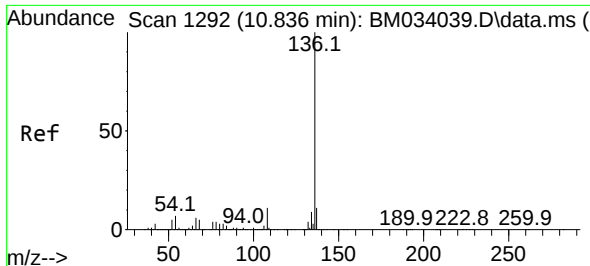
Tgt Ion: 99 Resp: 633206  
Ion Ratio Lower Upper  
99 100  
42 20.3 20.3 30.5#  
71 38.6 34.5 51.7



#10  
Phenol  
Concen: 3.366 ng  
RT: 7.190 min Scan# 672  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

Tgt Ion: 94 Resp: 47989  
Ion Ratio Lower Upper  
94 100  
65 31.1 15.5 55.5  
66 45.5 28.5 68.5

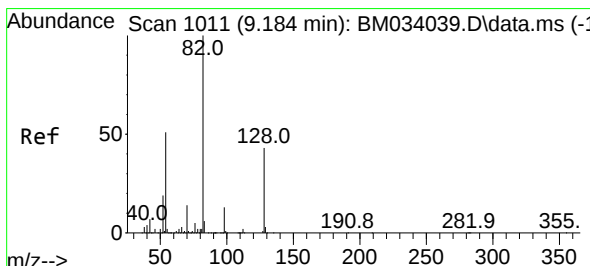
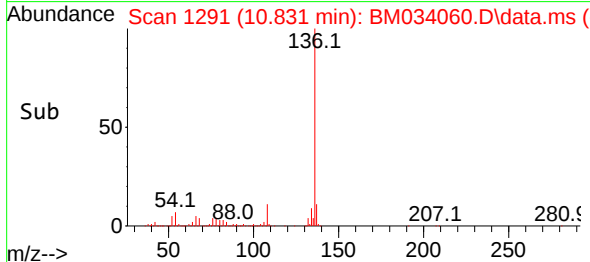
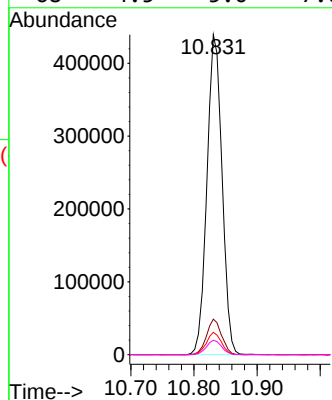
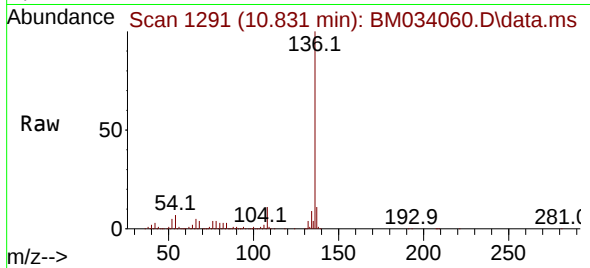




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.831 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

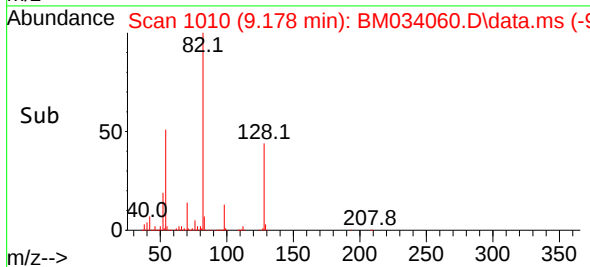
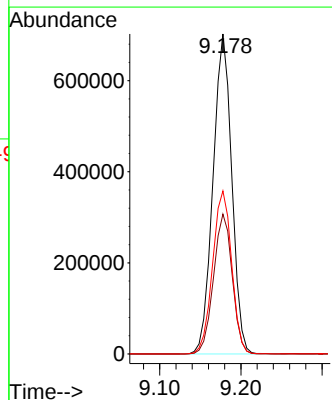
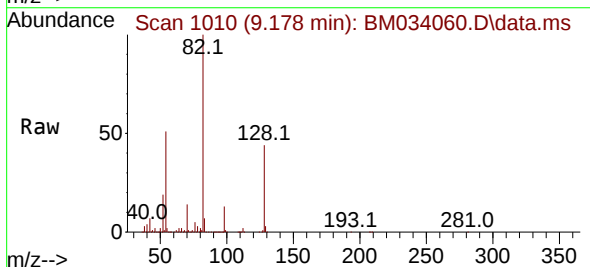
Instrument :  
BNA\_M  
ClientSampleId :  
20220095-BERKELEY-7-ELUTRIATE

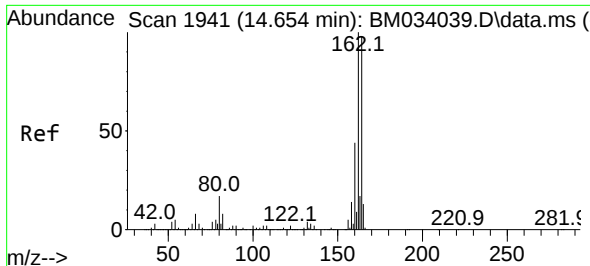
Tgt Ion:136 Resp: 729408  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 7.0 8.3 12.5#  
68 4.5 5.0 7.6#



#23  
Nitrobenzene-d5  
Concen: 83.377 ng  
RT: 9.178 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

Tgt Ion: 82 Resp: 1126949  
Ion Ratio Lower Upper  
82 100  
128 43.7 28.1 42.1#  
54 51.0 46.1 69.1

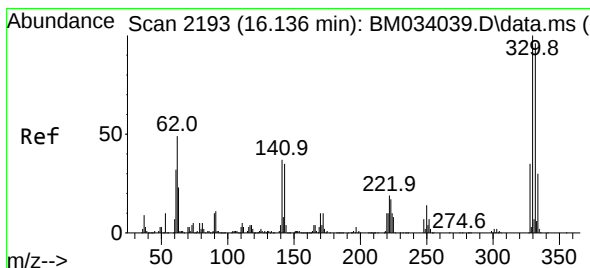
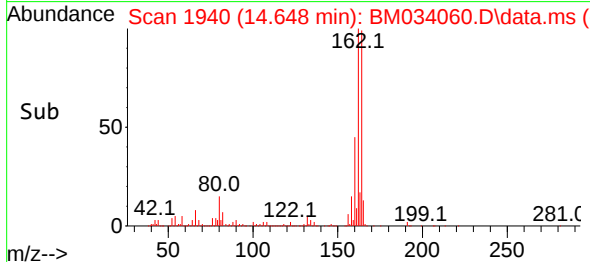
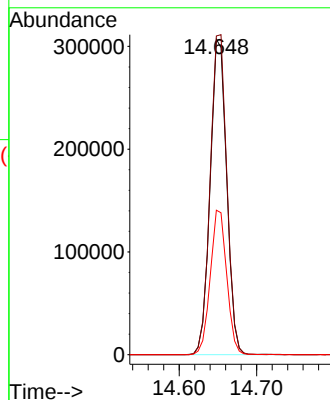
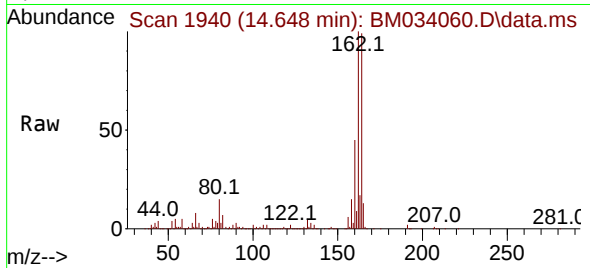




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.648 min Scan# 1941  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

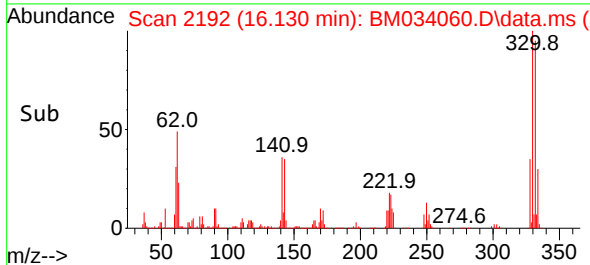
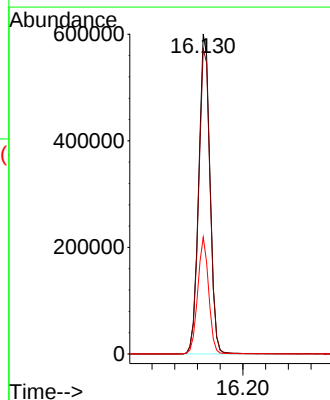
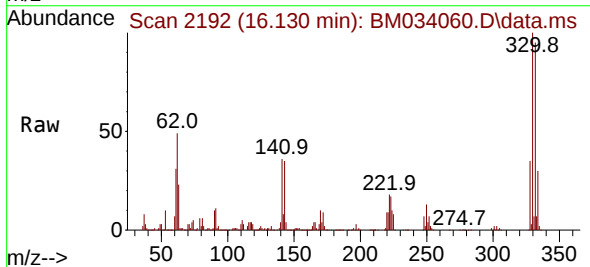
Instrument :  
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ClientSampleId :  
20220095-BERKELEY-7-ELUTRIATE

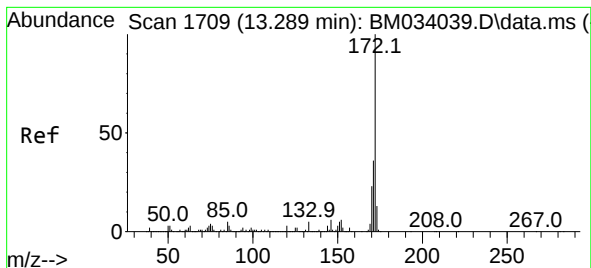
Tgt Ion:164 Resp: 453724  
Ion Ratio Lower Upper  
164 100  
162 101.0 79.7 119.5  
160 45.8 34.2 51.4



#42  
2,4,6-Tribromophenol  
Concen: 150.935 ng  
RT: 16.130 min Scan# 2192  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

Tgt Ion:330 Resp: 831159  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.5 114.7  
141 35.3 35.9 53.9#

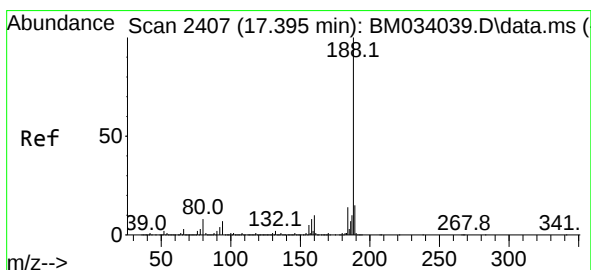
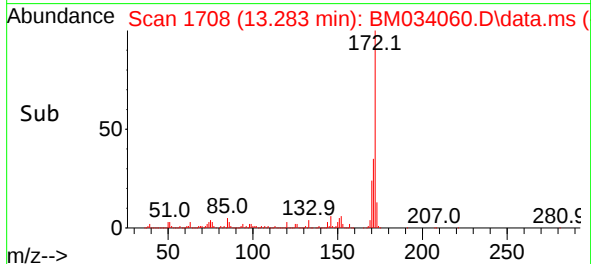
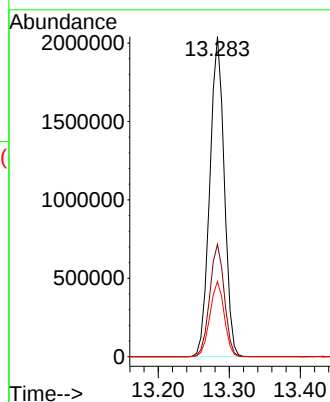
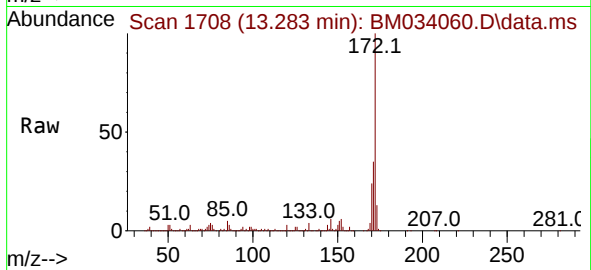




#45  
2-Fluorobiphenyl  
Concen: 84.757 ng  
RT: 13.283 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

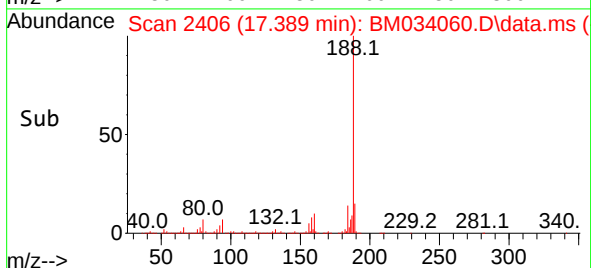
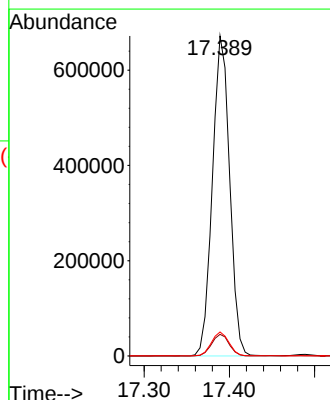
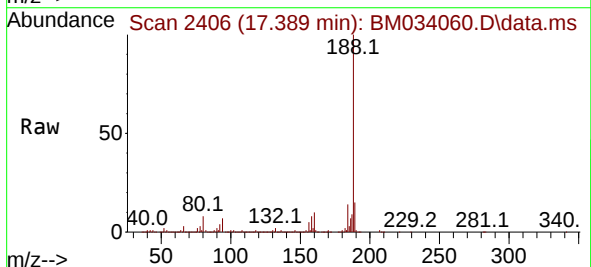
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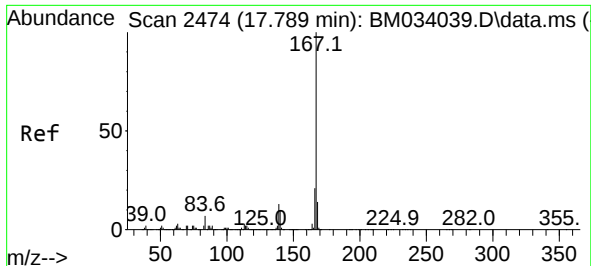
Tgt Ion:172 Resp: 2886475  
Ion Ratio Lower Upper  
172 100  
171 35.1 27.2 40.8  
170 23.5 18.7 28.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.389 min Scan# 2406  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

Tgt Ion:188 Resp: 944601  
Ion Ratio Lower Upper  
188 100  
94 6.7 7.5 11.3#  
80 7.5 8.9 13.3#

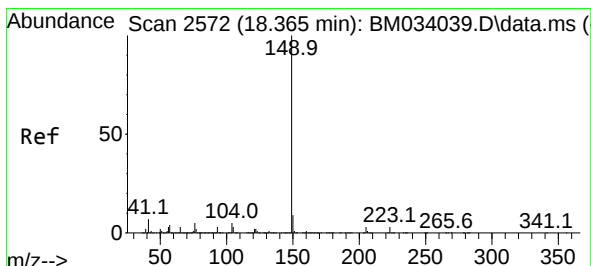
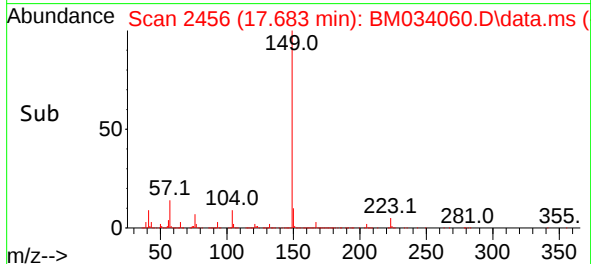
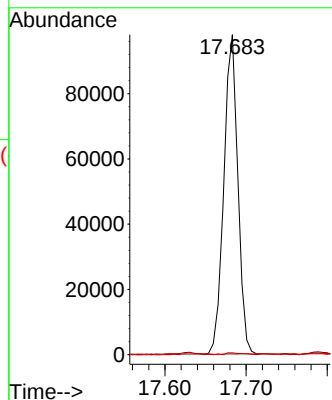
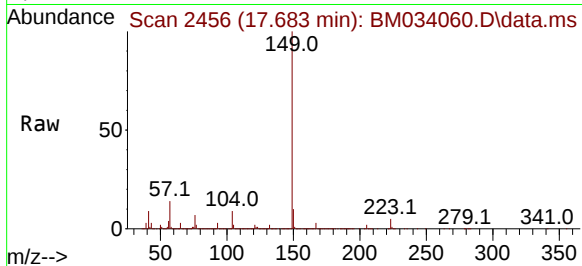




#73  
 Carbazole  
 Concen: 2.477 ng  
 RT: 17.683 min Scan# 2474  
 Delta R.T. -0.106 min  
 Lab File: BM034060.D  
 Acq: 23 Feb 2022 19:42

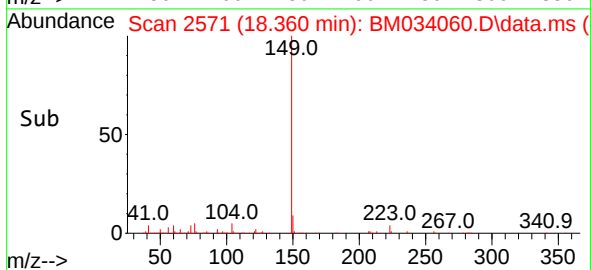
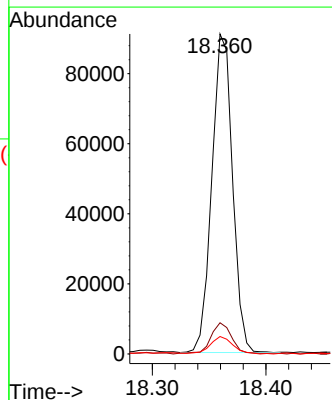
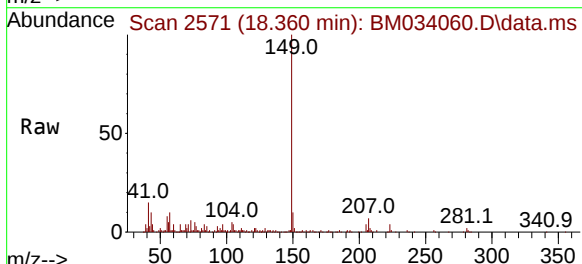
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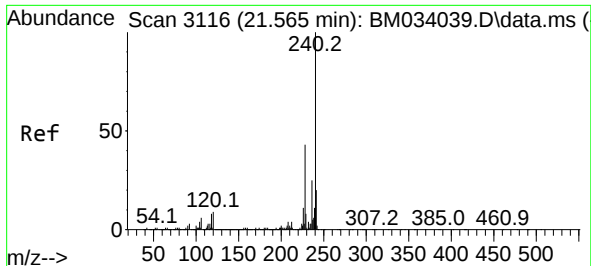
Tgt Ion:167 Resp: 118941  
 Ion Ratio Lower Upper  
 167 100  
 166 0.6 17.2 25.8#  
 139 0.2 11.0 16.4#



#74  
 Di-n-butylphthalate  
 Concen: 2.104 ng  
 RT: 18.360 min Scan# 2571  
 Delta R.T. -0.006 min  
 Lab File: BM034060.D  
 Acq: 23 Feb 2022 19:42

Tgt Ion:149 Resp: 114892  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.3 10.9  
 104 5.5 4.6 6.8

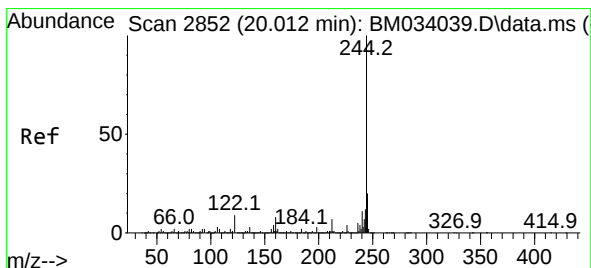
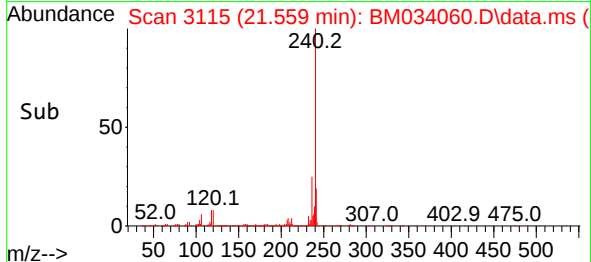
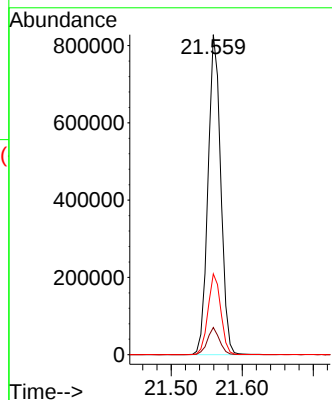
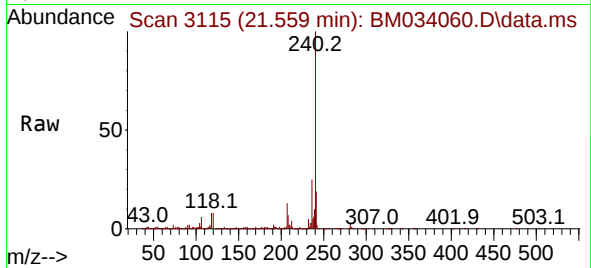




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.559 min Scan# 3116  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

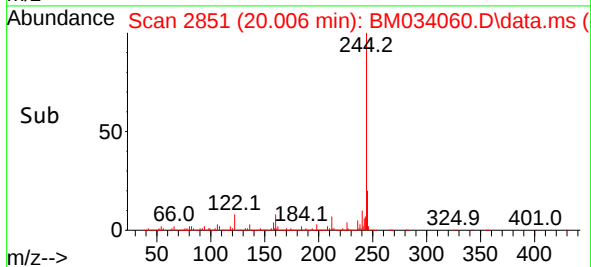
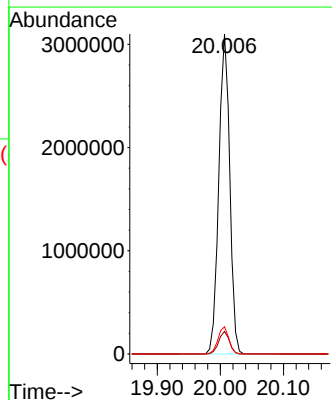
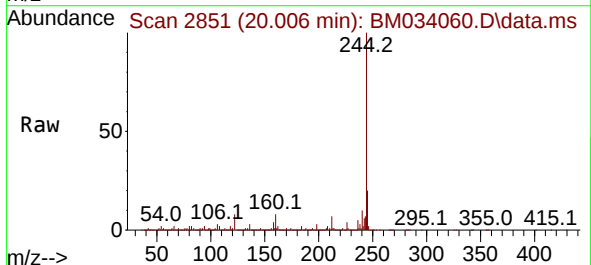
Instrument :  
BNA\_M  
ClientSampleId :  
20220095-BERKELEY-7-ELUTRIATE

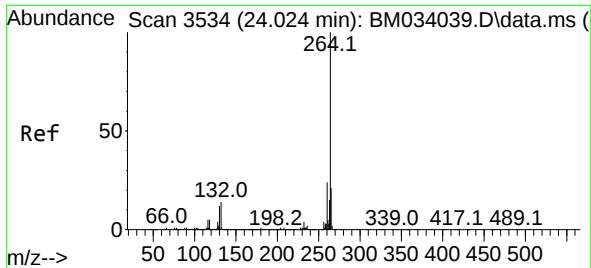
Tgt Ion:240 Resp: 1032500  
Ion Ratio Lower Upper  
240 100  
120 8.5 7.8 11.6  
236 25.3 20.3 30.5



#79  
Terphenyl-d14  
Concen: 62.495 ng  
RT: 20.006 min Scan# 2851  
Delta R.T. -0.006 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

Tgt Ion:244 Resp: 3705549  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 8.5 8.4 12.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.024 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BM034060.D  
Acq: 23 Feb 2022 19:42

Instrument :  
BNA\_M  
ClientSampleId :  
20220095-BERKELEY-7-ELUTRIATE

Tgt Ion:264 Resp: 1093238  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.8  | 17.7  | 26.5  |
| 265 | 21.7  | 17.7  | 26.5  |

