

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060822\  
 Data File : BM035438.D  
 Acq On : 08 Jun 2022 20:15  
 Operator : CG/JU  
 Sample : N3209-07  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-14B-10

Quant Time: Jun 09 00:51:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 07 14:28:07 2022  
 Response via : Initial Calibration

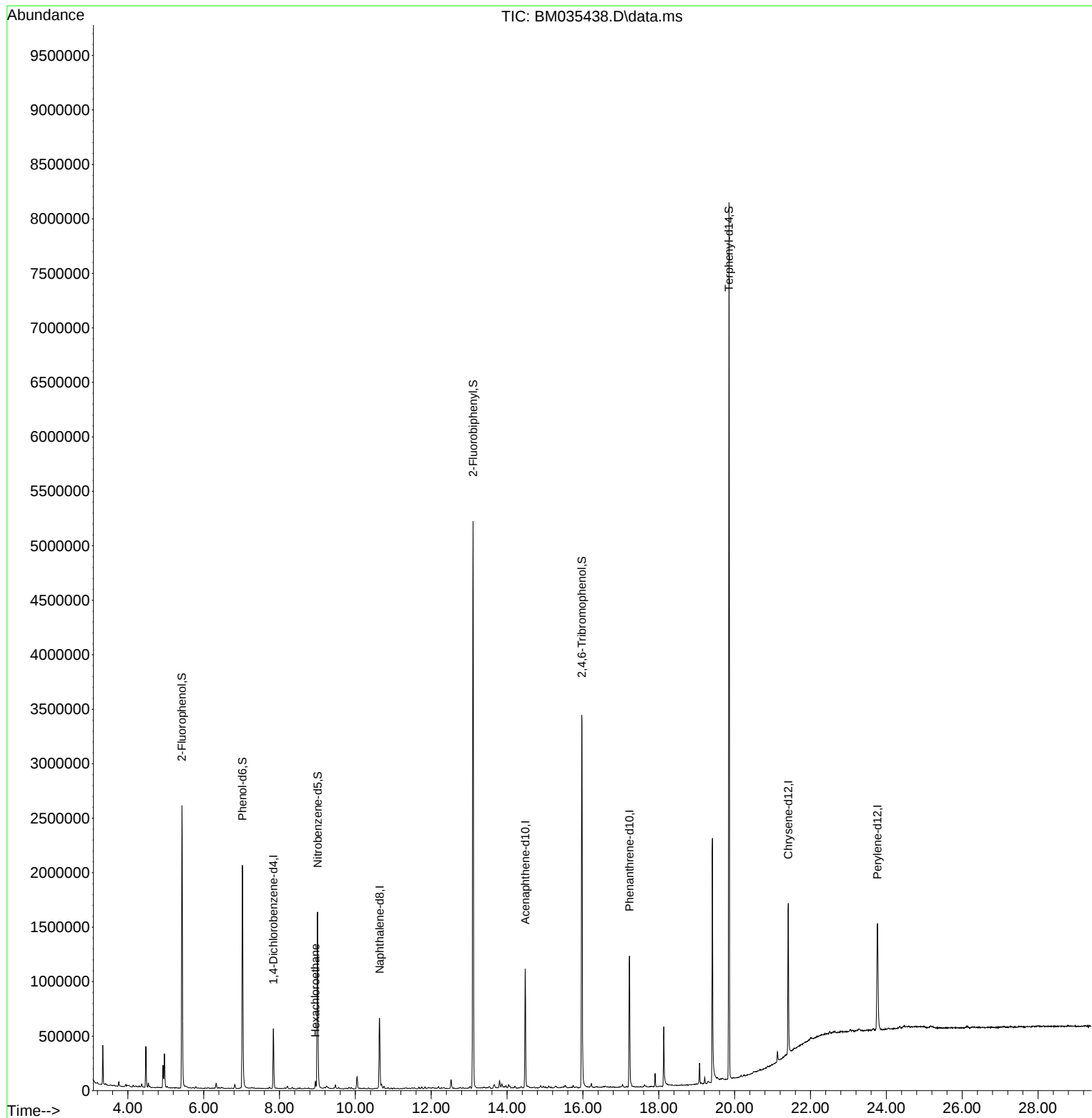
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.839  | 152  | 171388   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.639 | 136  | 615739   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.480 | 164  | 400208   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.227 | 188  | 812505   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12            | 21.415 | 240  | 744970   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12            | 23.768 | 264  | 854475   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.428  | 112  | 1245060  | 152.652   | ng    | 0.00     |
| 7) Phenol-d6                | 7.022  | 99   | 1355701  | 121.685   | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.004  | 82   | 997996   | 102.915   | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.974 | 330  | 853427   | 132.907   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.104 | 172  | 2937757  | 105.430   | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.850 | 244  | 4197841  | 112.263   | ng    | 0.00     |
| Target Compounds            |        |      |          |           |       |          |
|                             |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde             | 6.975  | 77   | 78       | Below Cal | #     | 29       |
| 18) Hexachloroethane        | 8.945  | 117  | 8284     | 2.070 ng  | #     | 1        |
| -----                       |        |      |          |           |       |          |

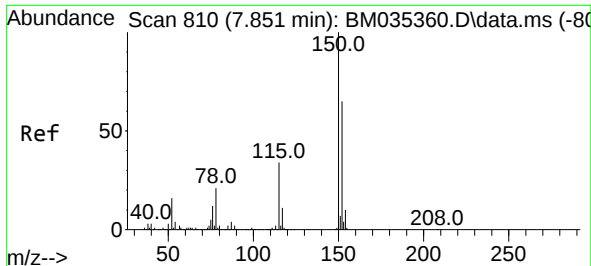
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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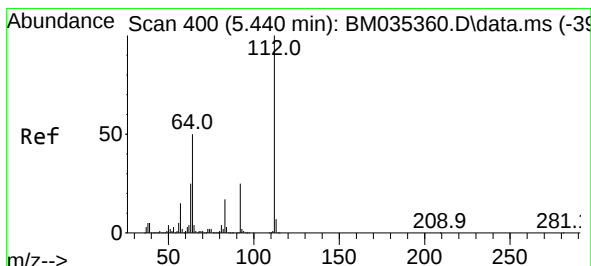
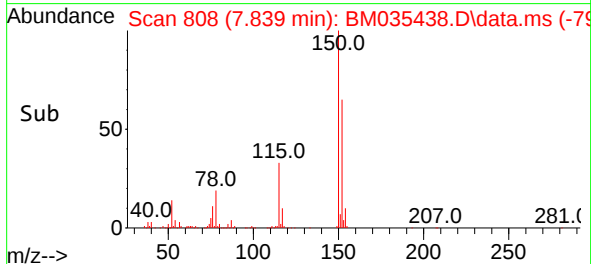
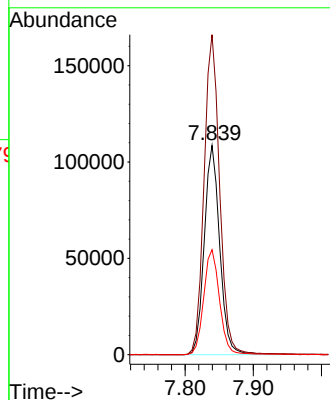
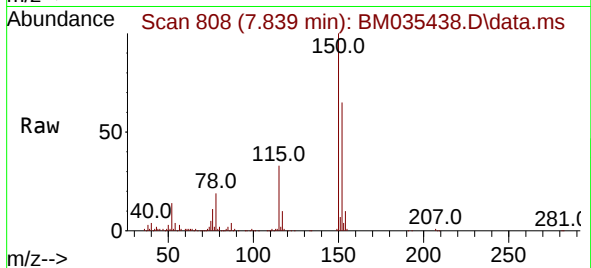




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.839 min Scan# 810  
Delta R.T. -0.001 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

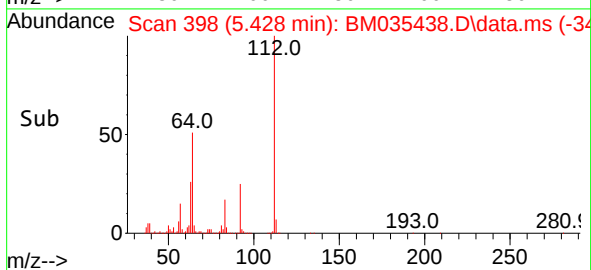
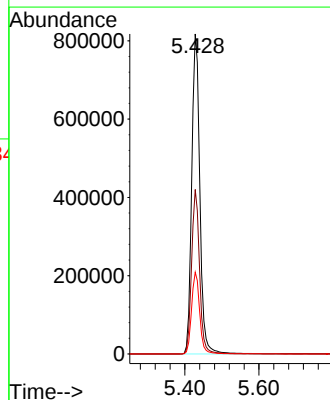
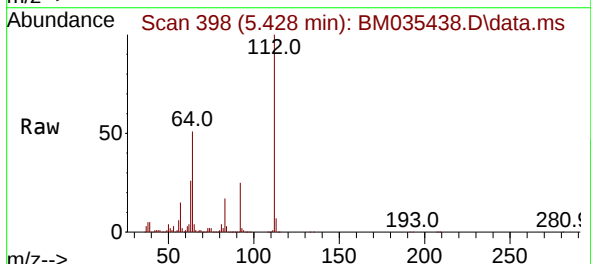
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BNA\_M  
ClientSampleId :  
WC-14B-10

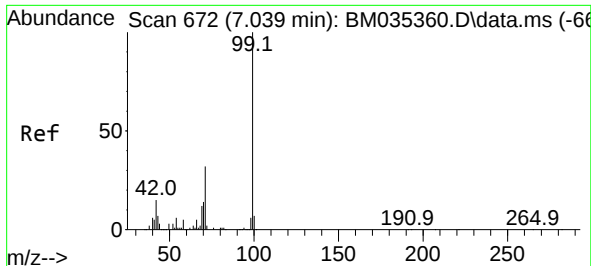
Tgt Ion:152 Resp: 171388  
Ion Ratio Lower Upper  
152 100  
150 152.8 124.9 187.3  
115 50.2 47.9 71.9



#5  
2-Fluorophenol  
Concen: 152.652 ng  
RT: 5.428 min Scan# 398  
Delta R.T. -0.000 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

Tgt Ion:112 Resp: 1245060  
Ion Ratio Lower Upper  
112 100  
64 51.4 47.8 71.6  
63 25.5 26.6 40.0#

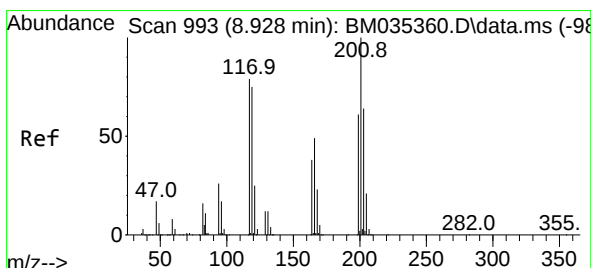
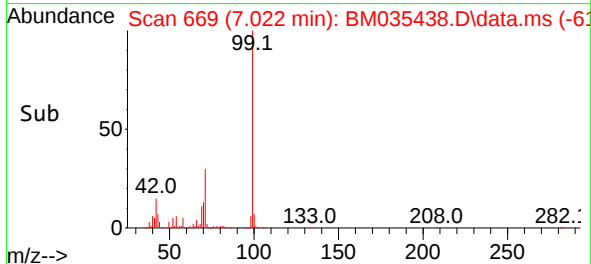
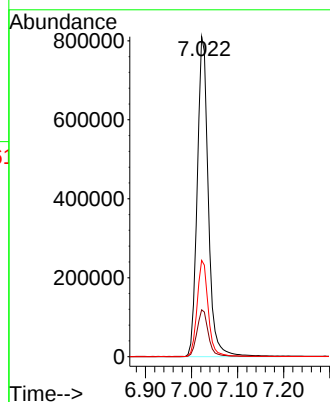
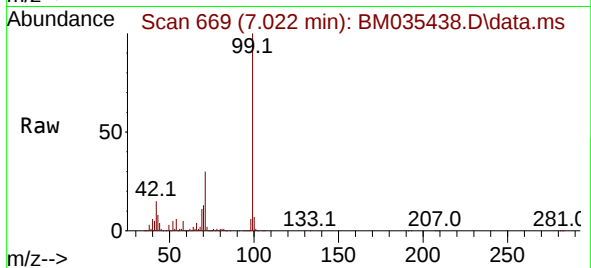




#7  
Phenol-d6  
Concen: 121.685 ng  
RT: 7.022 min Scan# 611  
Delta R.T. -0.006 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

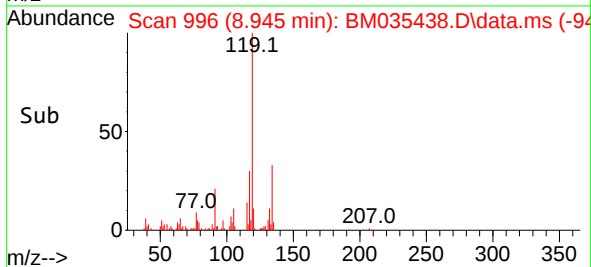
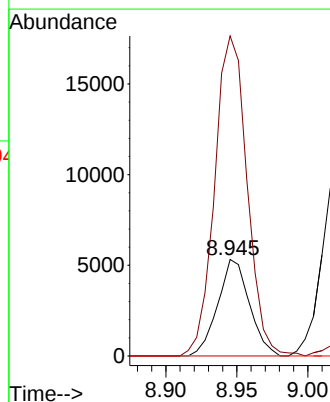
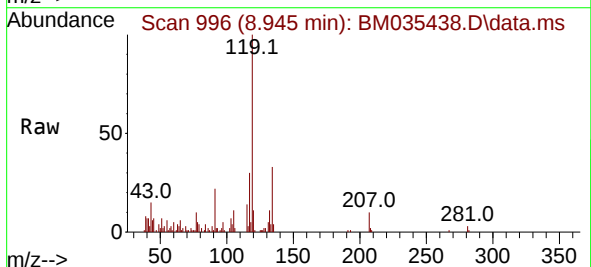
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WC-14B-10

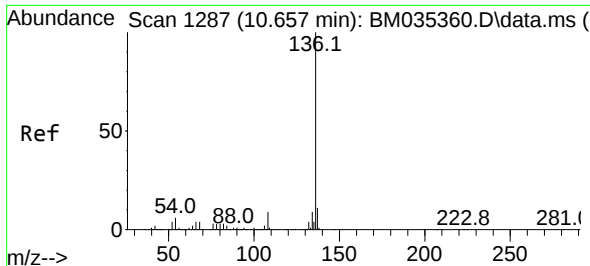
Tgt Ion: 99 Resp: 1355701  
Ion Ratio Lower Upper  
99 100  
42 14.6 18.8 28.2#  
71 30.1 30.2 45.2#



#18  
Hexachloroethane  
Concen: 2.070 ng  
RT: 8.945 min Scan# 996  
Delta R.T. 0.029 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

Tgt Ion: 117 Resp: 8284  
Ion Ratio Lower Upper  
117 100  
119 331.7 75.8 113.6#  
201 0.0 81.0 121.4#

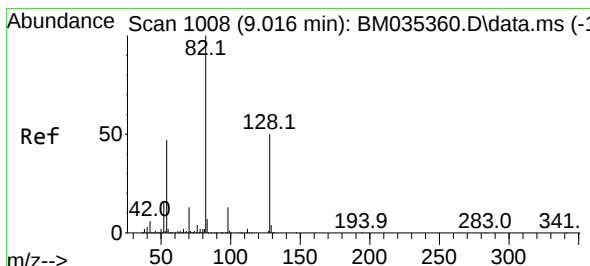
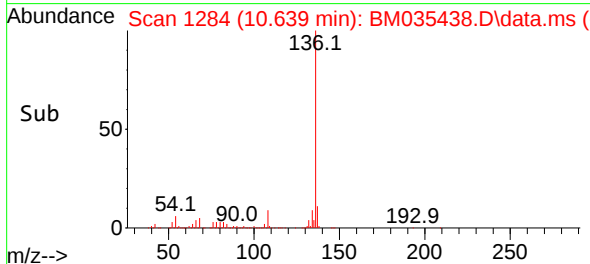
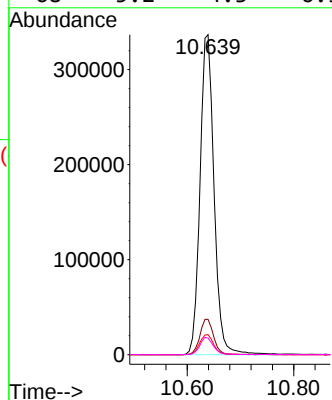
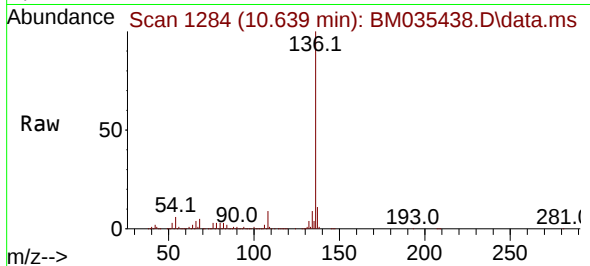




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.639 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

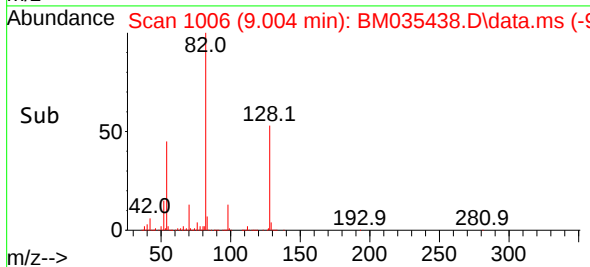
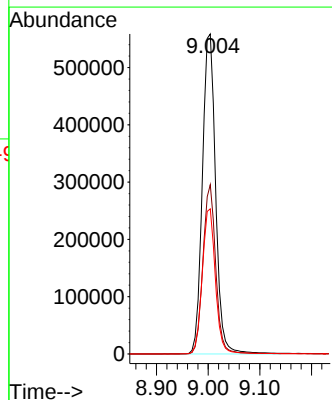
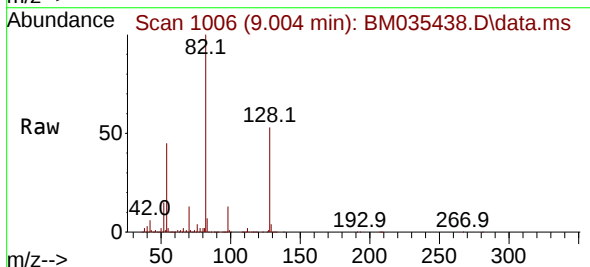
Instrument :  
BNA\_M  
ClientSampleId :  
WC-14B-10

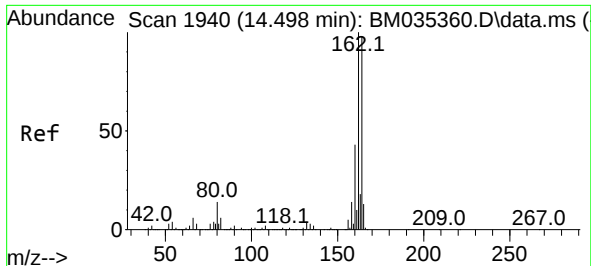
Tgt Ion:136 Resp: 615739  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.9 13.3  
54 6.3 7.0 10.4#  
68 5.2 4.3 6.5



#23  
Nitrobenzene-d5  
Concen: 102.915 ng  
RT: 9.004 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

Tgt Ion: 82 Resp: 997996  
Ion Ratio Lower Upper  
82 100  
128 52.9 33.7 50.5#  
54 45.3 43.2 64.8

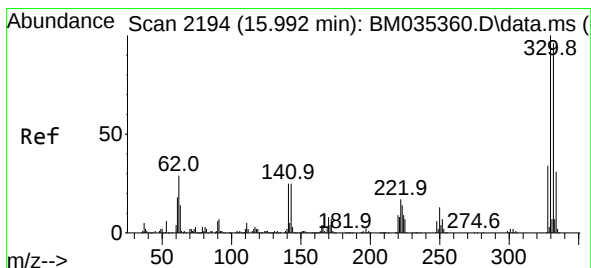
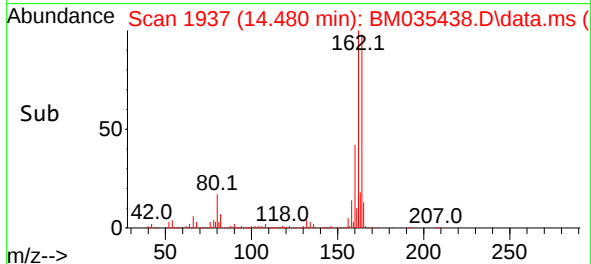
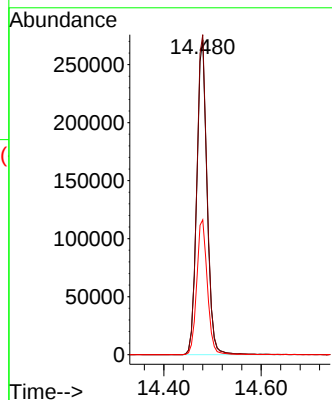
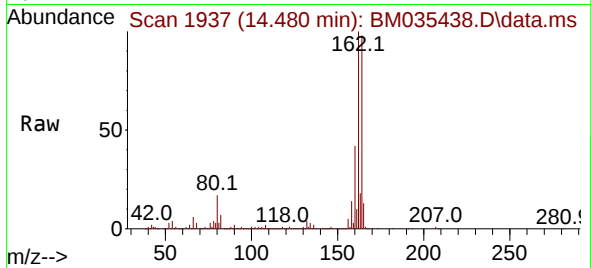




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.480 min Scan# 1940  
Delta R.T. -0.006 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

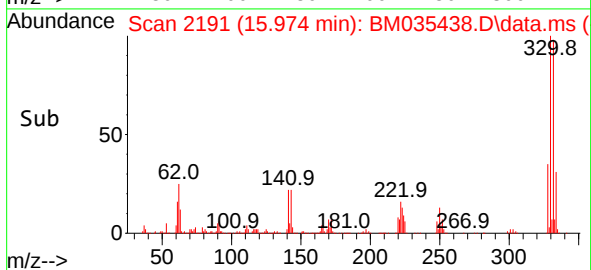
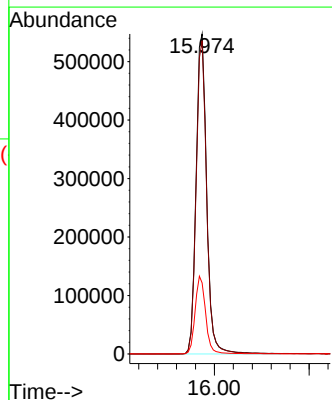
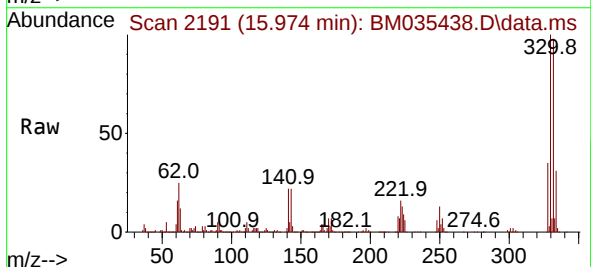
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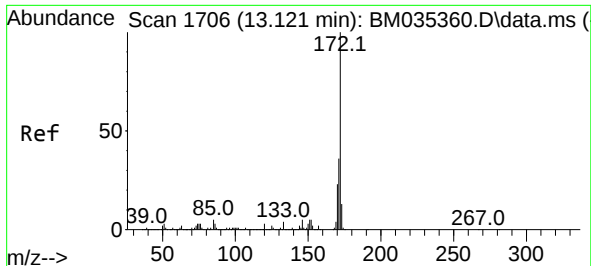
Tgt Ion:164 Resp: 400208  
Ion Ratio Lower Upper  
164 100  
162 101.6 83.0 124.6  
160 42.8 37.0 55.4



#42  
2,4,6-Tribromophenol  
Concen: 132.907 ng  
RT: 15.974 min Scan# 2191  
Delta R.T. -0.006 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

Tgt Ion:330 Resp: 853427  
Ion Ratio Lower Upper  
330 100  
332 97.0 77.0 115.4  
141 24.3 35.3 52.9#

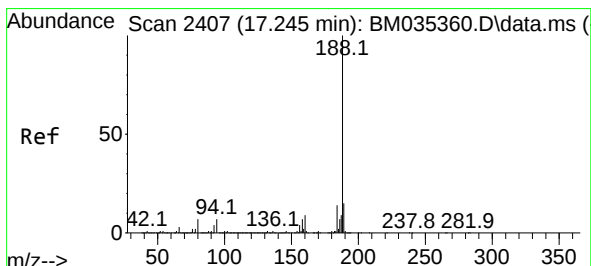
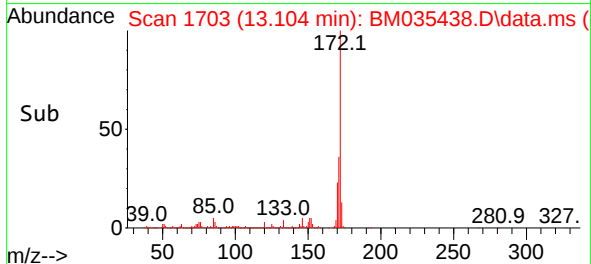
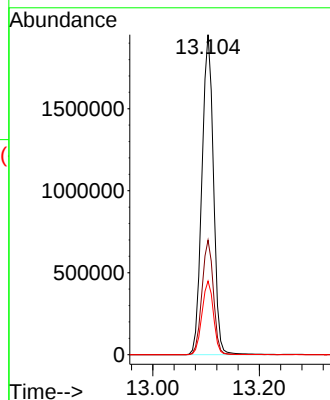
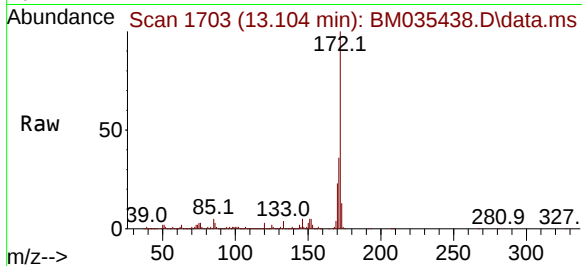




#45  
2-Fluorobiphenyl  
Concen: 105.430 ng  
RT: 13.104 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

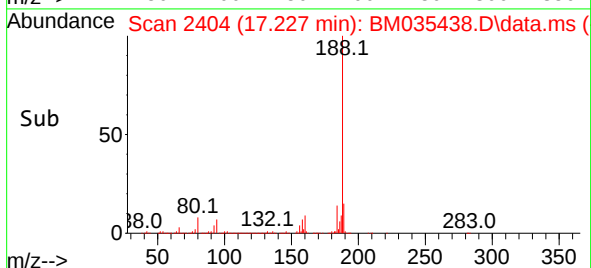
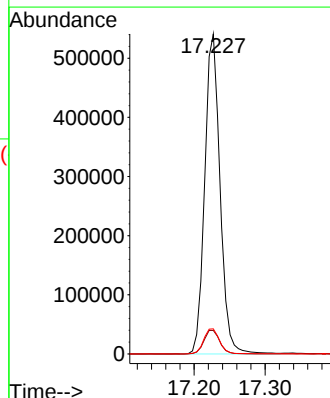
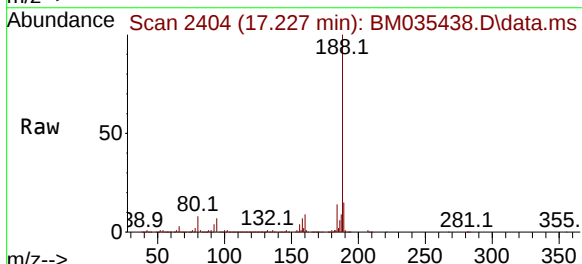
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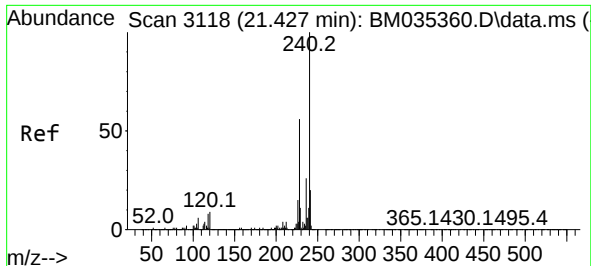
Tgt Ion:172 Resp: 2937757  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.5 42.7  
170 23.0 18.7 28.1



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2404  
Delta R.T. -0.000 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

Tgt Ion:188 Resp: 812505  
Ion Ratio Lower Upper  
188 100  
94 7.3 7.0 10.4  
80 7.8 7.6 11.4

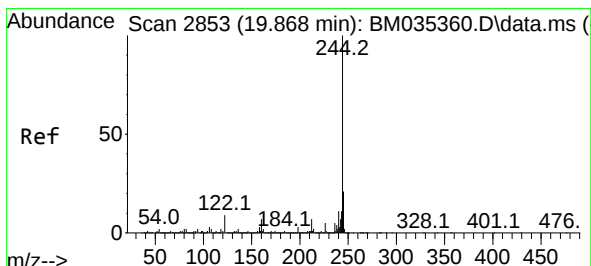
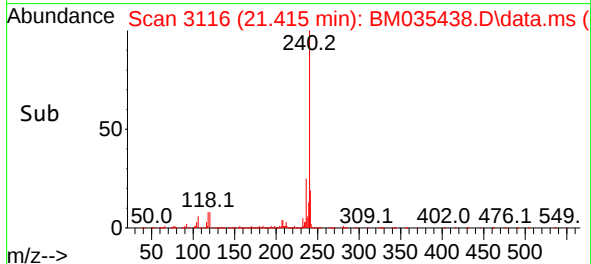
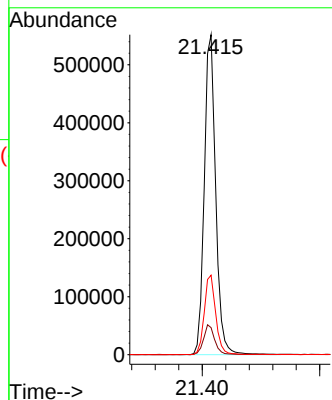
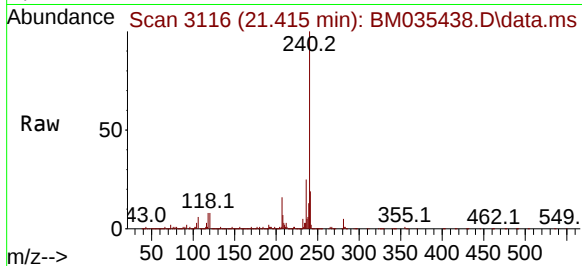




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.415 min Scan# 3118  
Delta R.T. -0.006 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

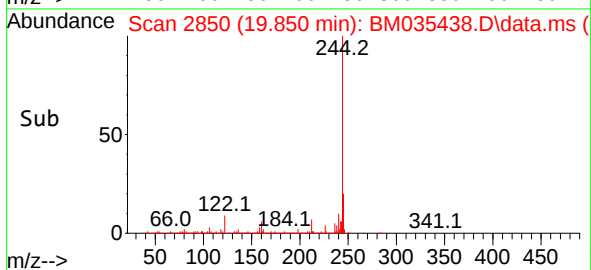
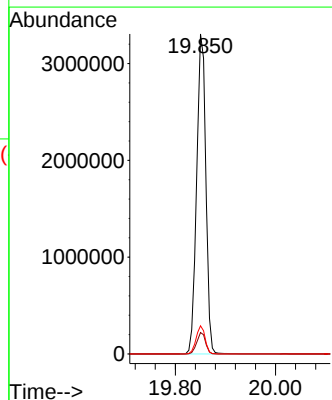
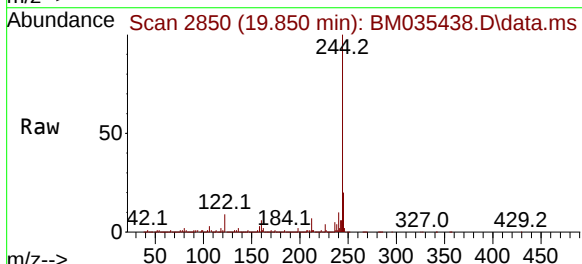
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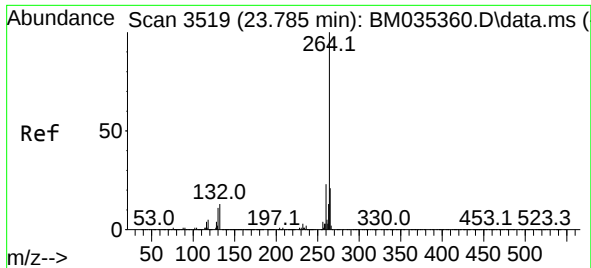
Tgt Ion:240 Resp: 744970  
Ion Ratio Lower Upper  
240 100  
120 8.4 9.4 14.0#  
236 24.9 20.6 30.8



#79  
Terphenyl-d14  
Concen: 112.263 ng  
RT: 19.850 min Scan# 2850  
Delta R.T. -0.006 min  
Lab File: BM035438.D  
Acq: 08 Jun 2022 20:15

Tgt Ion:244 Resp: 4197841  
Ion Ratio Lower Upper  
244 100  
212 6.7 6.2 9.4  
122 8.8 8.3 12.5





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.768 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BM035438.D  
 Acq: 08 Jun 2022 20:15

Instrument :  
 BNA\_M  
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 WC-14B-10

Tgt Ion:264 Resp: 854475  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.9 28.3  
 265 22.5 17.5 26.3

