

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110821\  
 Data File : BM032905.D  
 Acq On : 08 Nov 2021 21:17  
 Operator : CG/JU  
 Sample : M4478-01  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TWP02

Quant Time: Nov 09 00:25:45 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM110221.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 02 16:07:18 2021  
 Response via : Initial Calibration

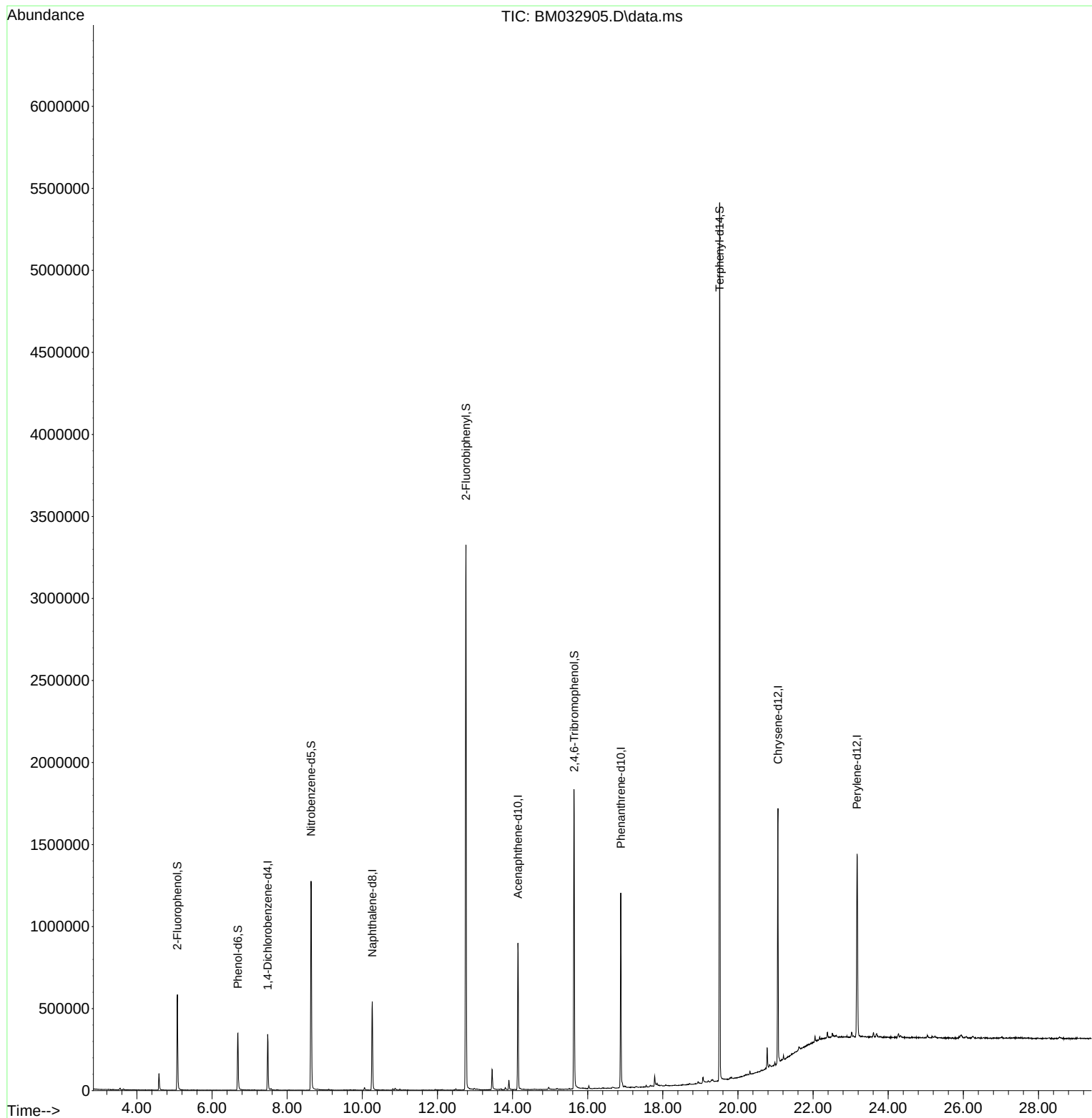
| Compound                    | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-----------|-------|----------|
| -----                       |        |      |          |           |       |          |
| Internal Standards          |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.484  | 152  | 91135    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.266 | 136  | 423683   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.142 | 164  | 300576   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10        | 16.883 | 188  | 660514   | 20.000    | ng    | -0.01    |
| 76) Chrysene-d12            | 21.065 | 240  | 715484   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12            | 23.171 | 264  | 724937   | 20.000    | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |           |       |          |
| 5) 2-Fluorophenol           | 5.078  | 112  | 248879   | 47.610    | ng    | 0.00     |
| 7) Phenol-d6                | 6.689  | 99   | 197767   | 25.405    | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.636  | 82   | 707345   | 91.377    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.642 | 330  | 293069   | 87.061    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.760 | 172  | 1659940  | 85.654    | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.512 | 244  | 2467847  | 75.305    | ng    | -0.01    |
| Target Compounds            |        |      |          |           |       |          |
| 2) 1,4-Dioxane              | 2.919  | 88   | 56       | Below Cal | #     | Qvalue 1 |
| -----                       |        |      |          |           |       |          |

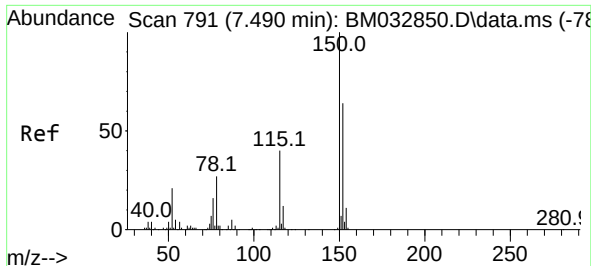
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM110821\  
Data File : BM032905.D  
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QLast Update : Tue Nov 02 16:07:18 2021  
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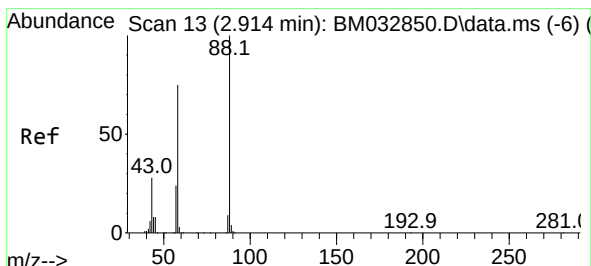
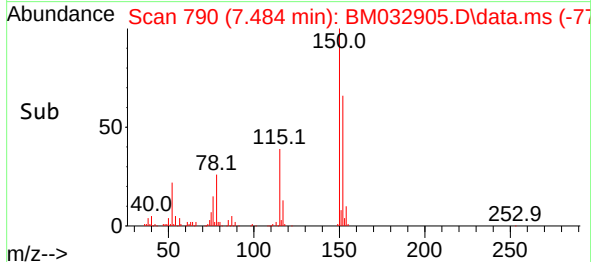
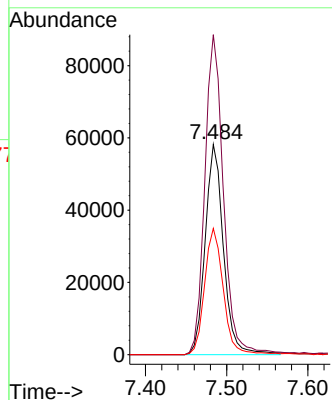
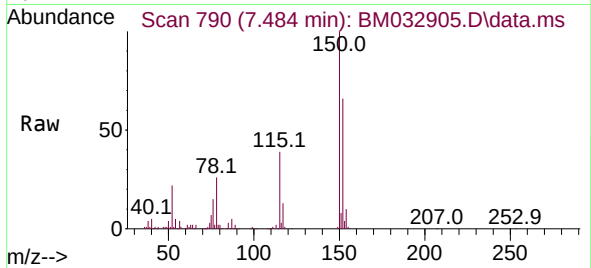




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.484 min Scan# 791  
Delta R.T. -0.006 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

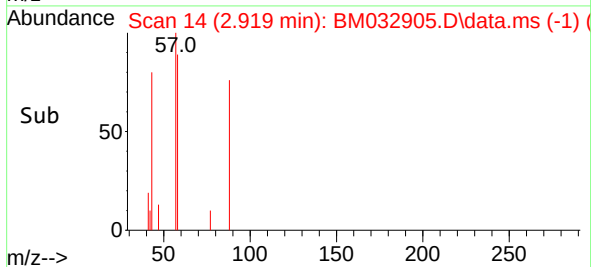
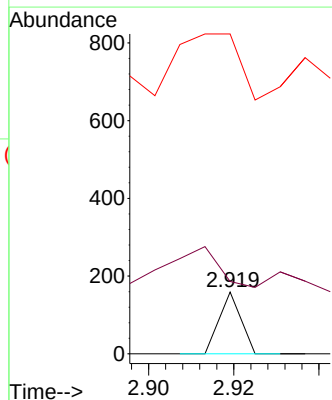
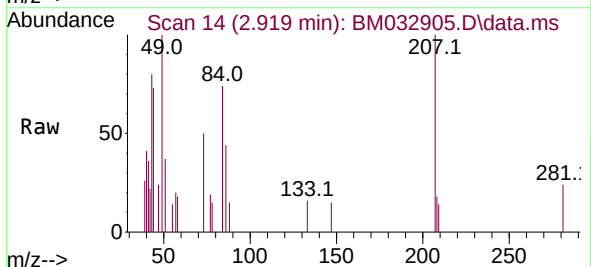
Instrument :  
BNA\_M  
ClientSampleId :  
TWP02

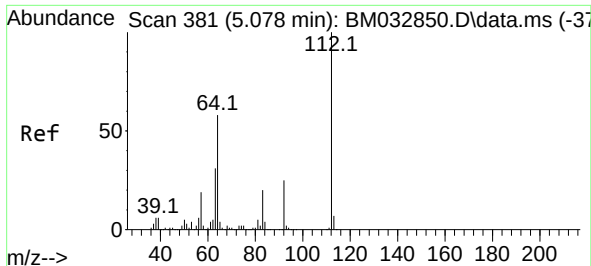
Tgt Ion:152 Resp: 91135  
Ion Ratio Lower Upper  
152 100  
150 152.2 122.4 183.6  
115 60.0 53.8 80.8



#2  
1,4-Dioxane  
Concen: Below Cal  
RT: 2.919 min Scan# 14  
Delta R.T. 0.005 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

Tgt Ion: 88 Resp: 56  
Ion Ratio Lower Upper  
88 100  
58 803.6 50.4 75.6#  
43 644.6 22.2 33.2#

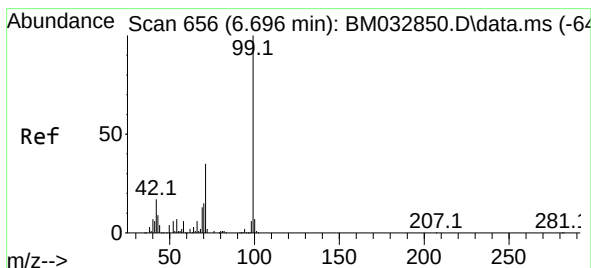
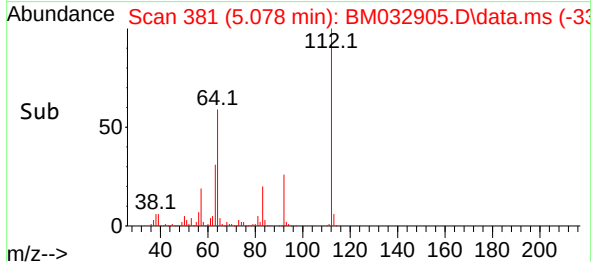
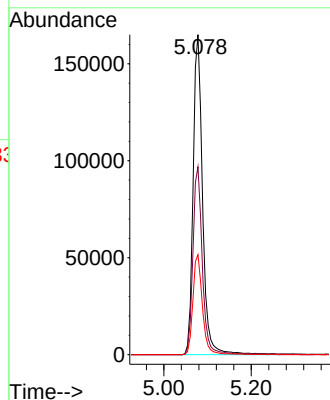
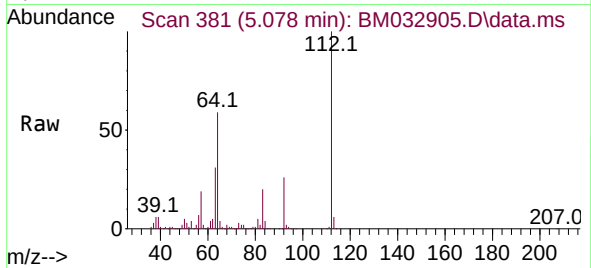




#5  
2-Fluorophenol  
Concen: 47.610 ng  
RT: 5.078 min Scan# 381  
Delta R.T. -0.000 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

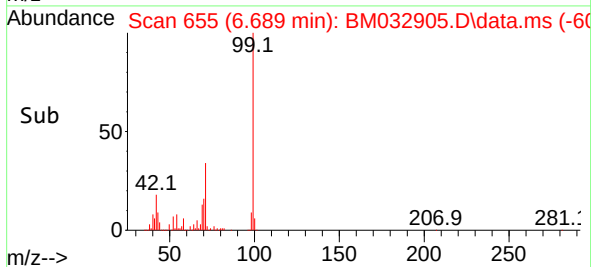
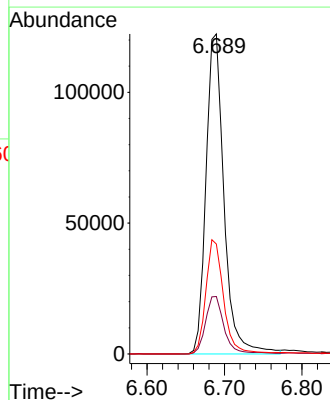
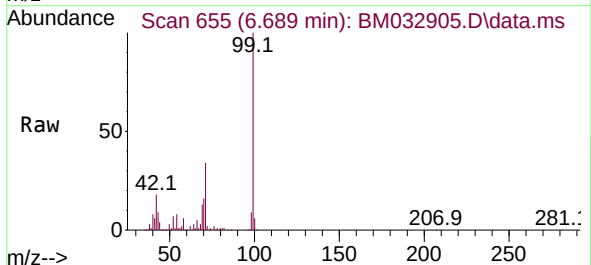
Instrument :  
BNA\_M  
ClientSampleId :  
TWP02

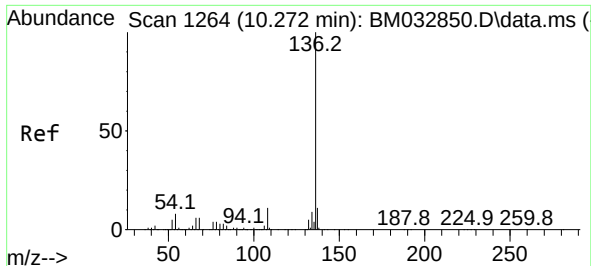
Tgt Ion:112 Resp: 248879  
Ion Ratio Lower Upper  
112 100  
64 58.7 53.7 80.5  
63 31.2 33.9 50.9#



#7  
Phenol-d6  
Concen: 25.405 ng  
RT: 6.689 min Scan# 655  
Delta R.T. -0.006 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

Tgt Ion: 99 Resp: 197767  
Ion Ratio Lower Upper  
99 100  
42 18.0 23.0 34.6#  
71 34.4 37.8 56.8#

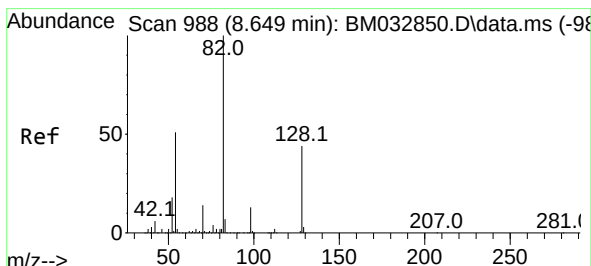
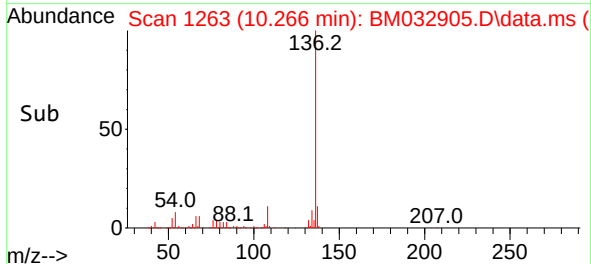
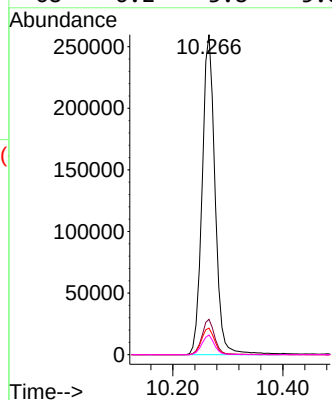
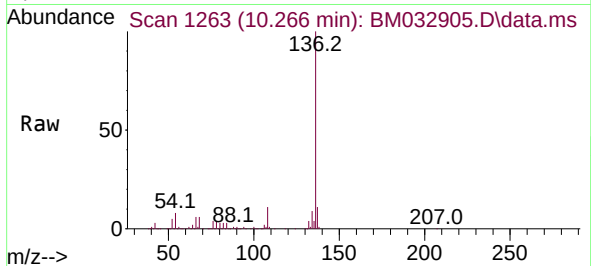




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.266 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

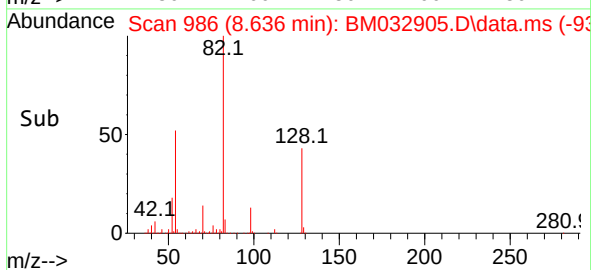
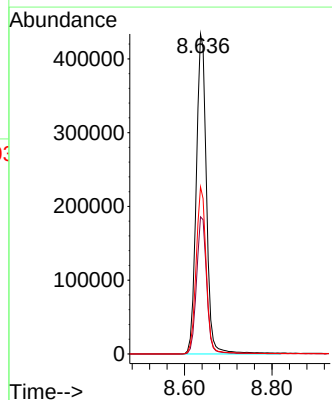
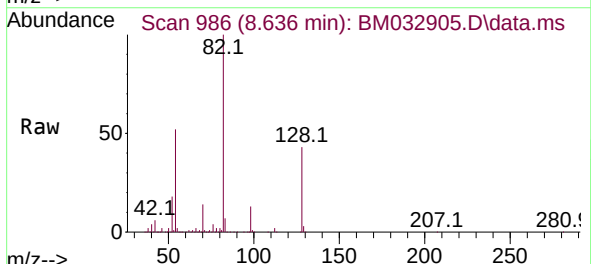
Instrument :  
BNA\_M  
ClientSampleId :  
TWP02

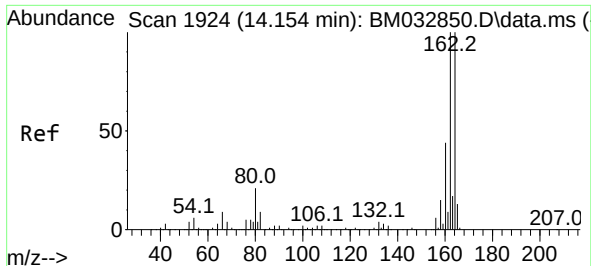
Tgt Ion:136 Resp: 423683  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.7 13.1  
54 8.3 7.4 11.0  
68 6.2 3.8 5.8#



#23  
Nitrobenzene-d5  
Concen: 91.377 ng  
RT: 8.636 min Scan# 986  
Delta R.T. -0.012 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

Tgt Ion: 82 Resp: 707345  
Ion Ratio Lower Upper  
82 100  
128 42.9 29.0 43.6  
54 52.2 45.8 68.8

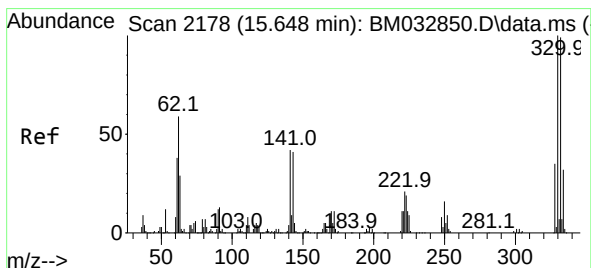
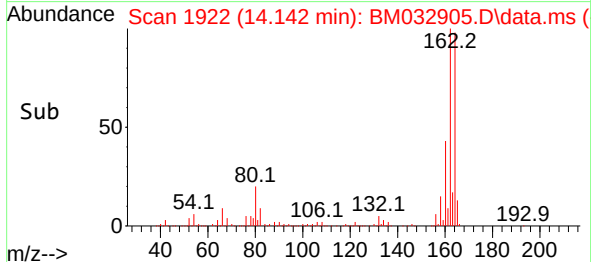
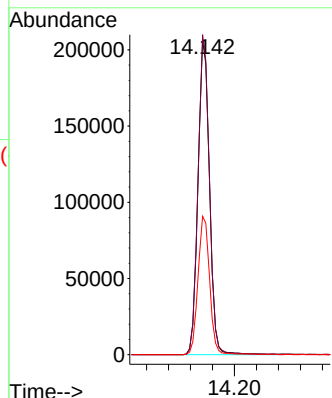
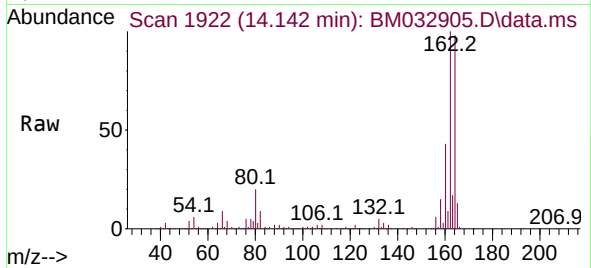




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.142 min Scan# 1922  
Delta R.T. -0.012 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

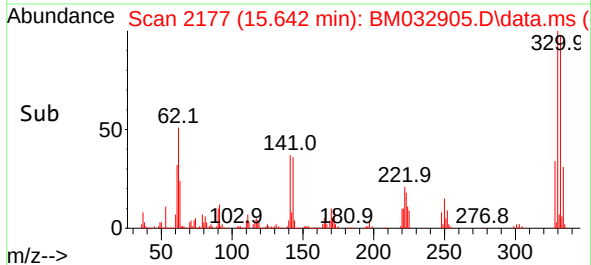
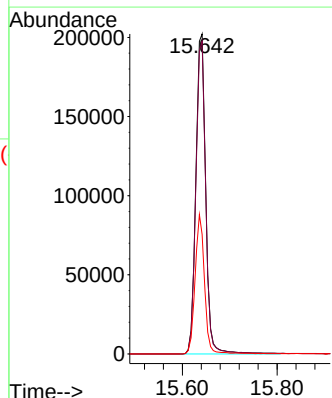
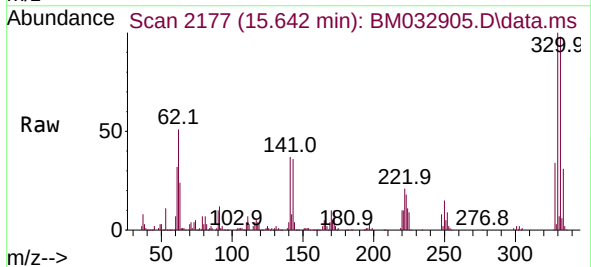
Instrument :  
BNA\_M  
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TWP02

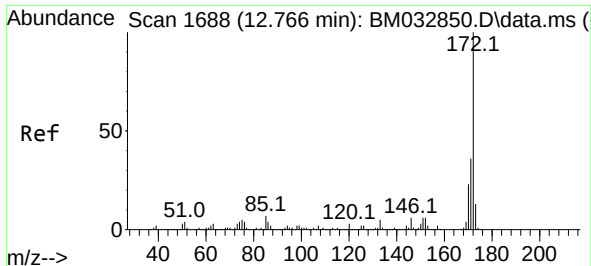
Tgt Ion:164 Resp: 300576  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.6 121.0  
160 44.0 35.1 52.7



#42  
2,4,6-Tribromophenol  
Concen: 87.061 ng  
RT: 15.642 min Scan# 2177  
Delta R.T. -0.006 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

Tgt Ion:330 Resp: 293069  
Ion Ratio Lower Upper  
330 100  
332 97.2 75.7 113.5  
141 41.7 50.7 76.1#

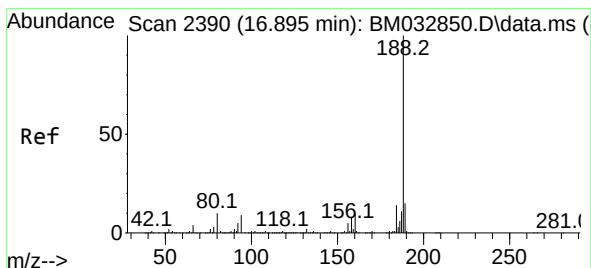
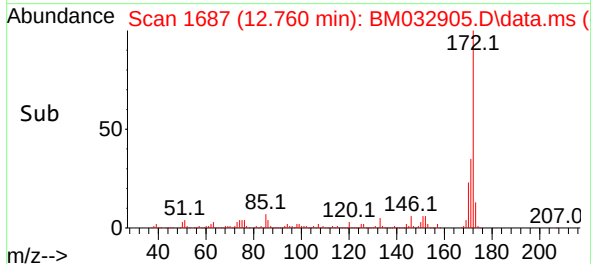
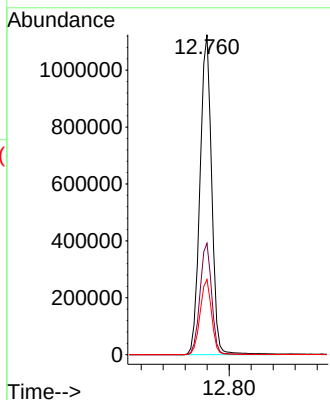
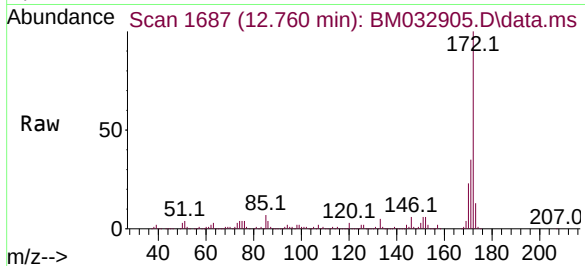




#45  
2-Fluorobiphenyl  
Concen: 85.654 ng  
RT: 12.760 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

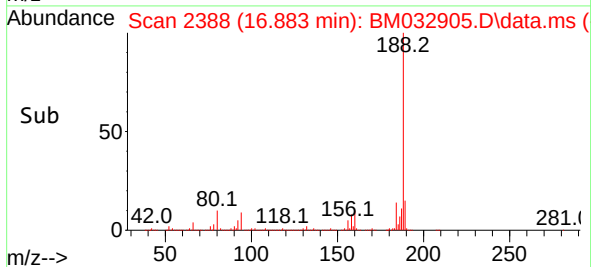
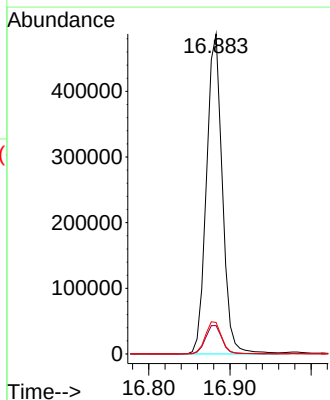
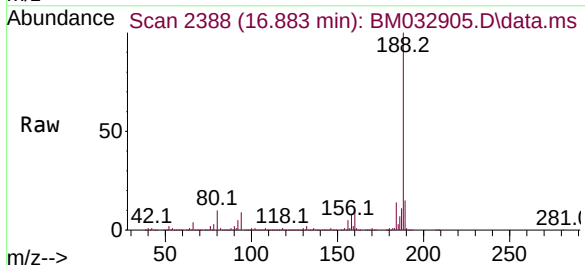
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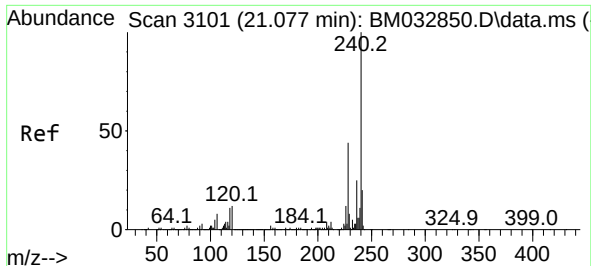
Tgt Ion:172 Resp: 1659940  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 23.5 18.6 27.8



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 16.883 min Scan# 2388  
Delta R.T. -0.012 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

Tgt Ion:188 Resp: 660514  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.3 9.5  
80 9.9 7.3 10.9

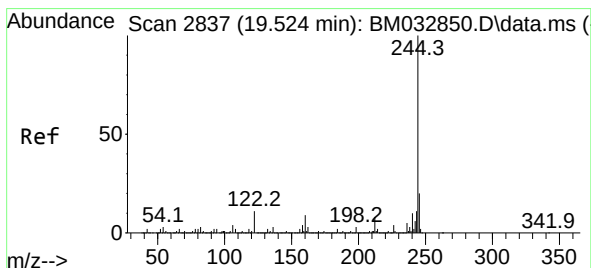
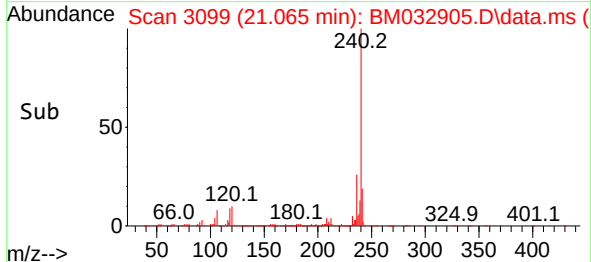
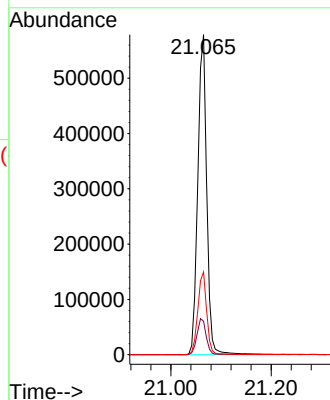
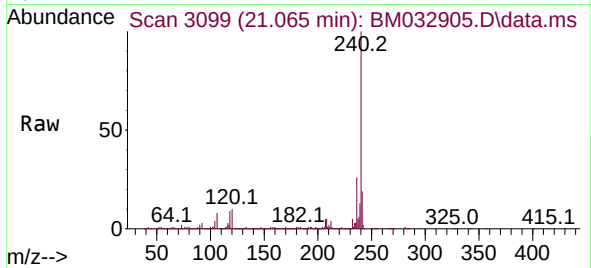




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.065 min Scan# 3099  
Delta R.T. -0.012 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

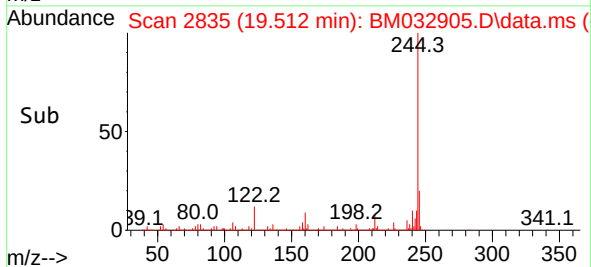
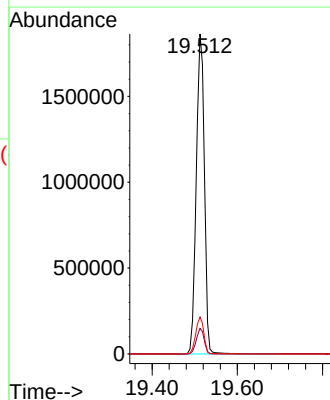
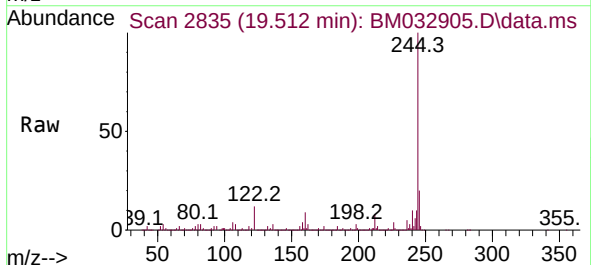
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Tgt Ion:240 Resp: 715484  
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236 25.8 20.9 31.3

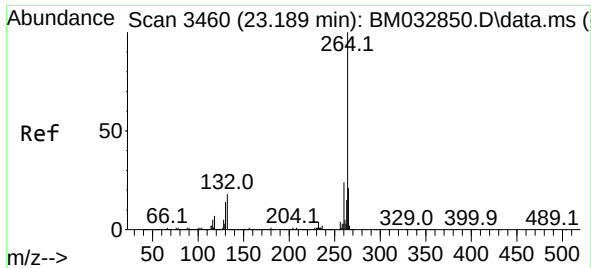


#79  
Terphenyl-d14  
Concen: 75.305 ng  
RT: 19.512 min Scan# 2835  
Delta R.T. -0.012 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

Tgt Ion:244 Resp: 2467847  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.5 9.7  
122 11.5 8.7 13.1







#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.171 min Scan# 34  
Delta R.T. -0.018 min  
Lab File: BM032905.D  
Acq: 08 Nov 2021 21:17

Instrument :  
BNA\_M  
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TWP02

Tgt Ion:264 Resp: 724937  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.3 28.9  
265 21.6 18.3 27.5

