

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050925\  
 Data File : BM050172.D  
 Acq On : 09 May 2025 23:18  
 Operator : RC/JU  
 Sample : Q1983-30  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OR-636-COMP-05

Quant Time: May 10 00:27:25 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 08 12:03:21 2025  
 Response via : Initial Calibration

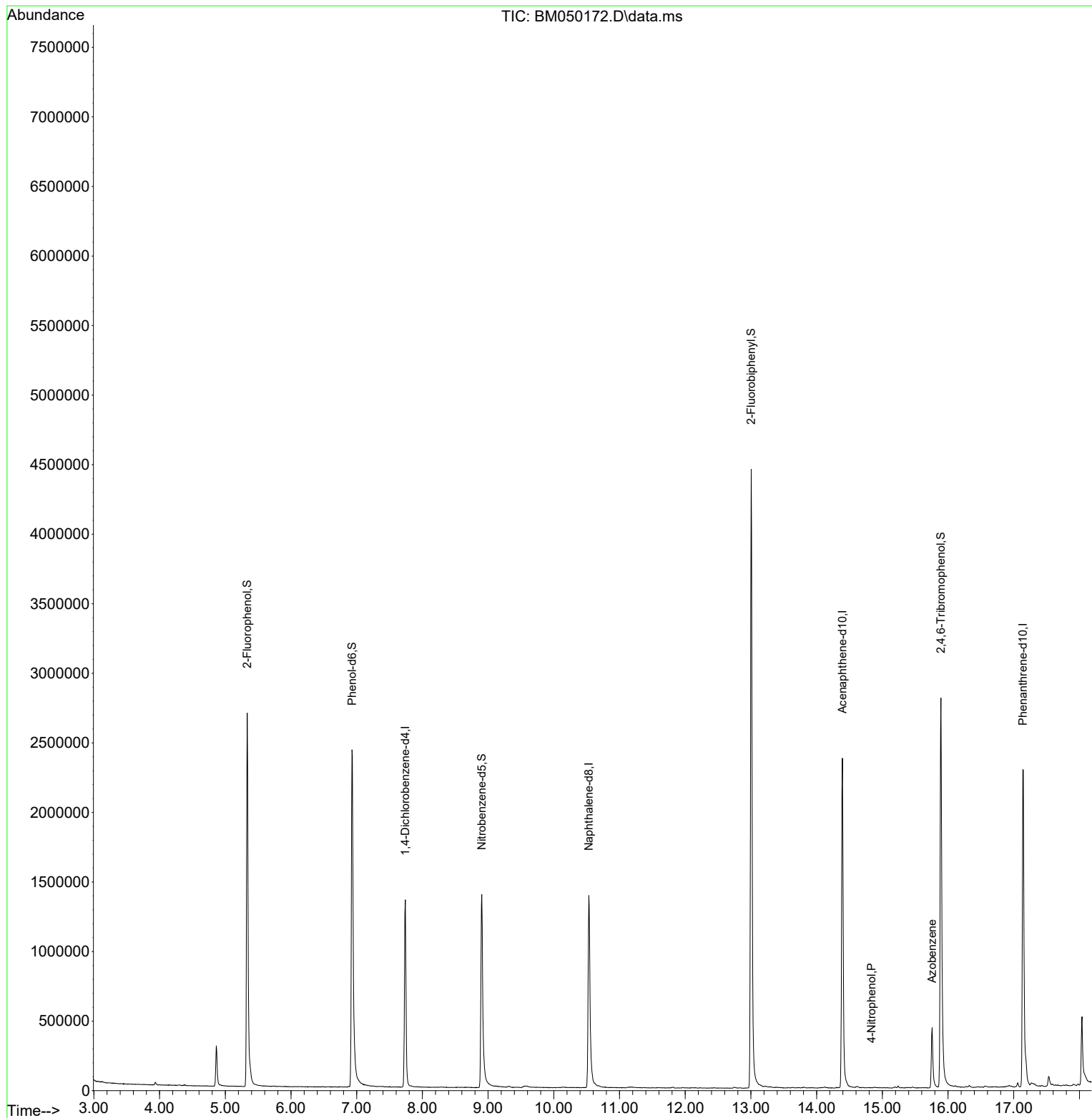
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.740  | 152  | 404081   | 20.000 | ng    | -0.03    |
| 21) Naphthalene-d8          | 10.534 | 136  | 1503980  | 20.000 | ng    | -0.03    |
| 39) Acenaphthene-d10        | 14.392 | 164  | 1002063  | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.139 | 188  | 1691545  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.386 | 240  | 1125655  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 24.380 | 264  | 1156486  | 20.000 | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.334  | 112  | 1367787  | 59.273 | ng    | -0.02    |
| 7) Phenol-d6                | 6.928  | 99   | 1893183  | 65.274 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 1076293  | 35.264 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 720455   | 48.624 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.004 | 172  | 2825958  | 33.362 | ng    | -0.03    |
| 79) Terphenyl-d14           | 19.762 | 244  | 2903547  | 38.169 | ng    | -0.02    |
| Target Compounds            |        |      |          |        |       |          |
| 56) 4-Nitrophenol           | 14.833 | 139  | 597      | 4.582  | ng    | # 11     |
| 63) Azobenzene              | 15.757 | 77   | 150455   | 2.602  | ng    | # 1      |
| -----                       |        |      |          |        |       |          |

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

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ALS Vial : 17 Sample Multiplier: 1

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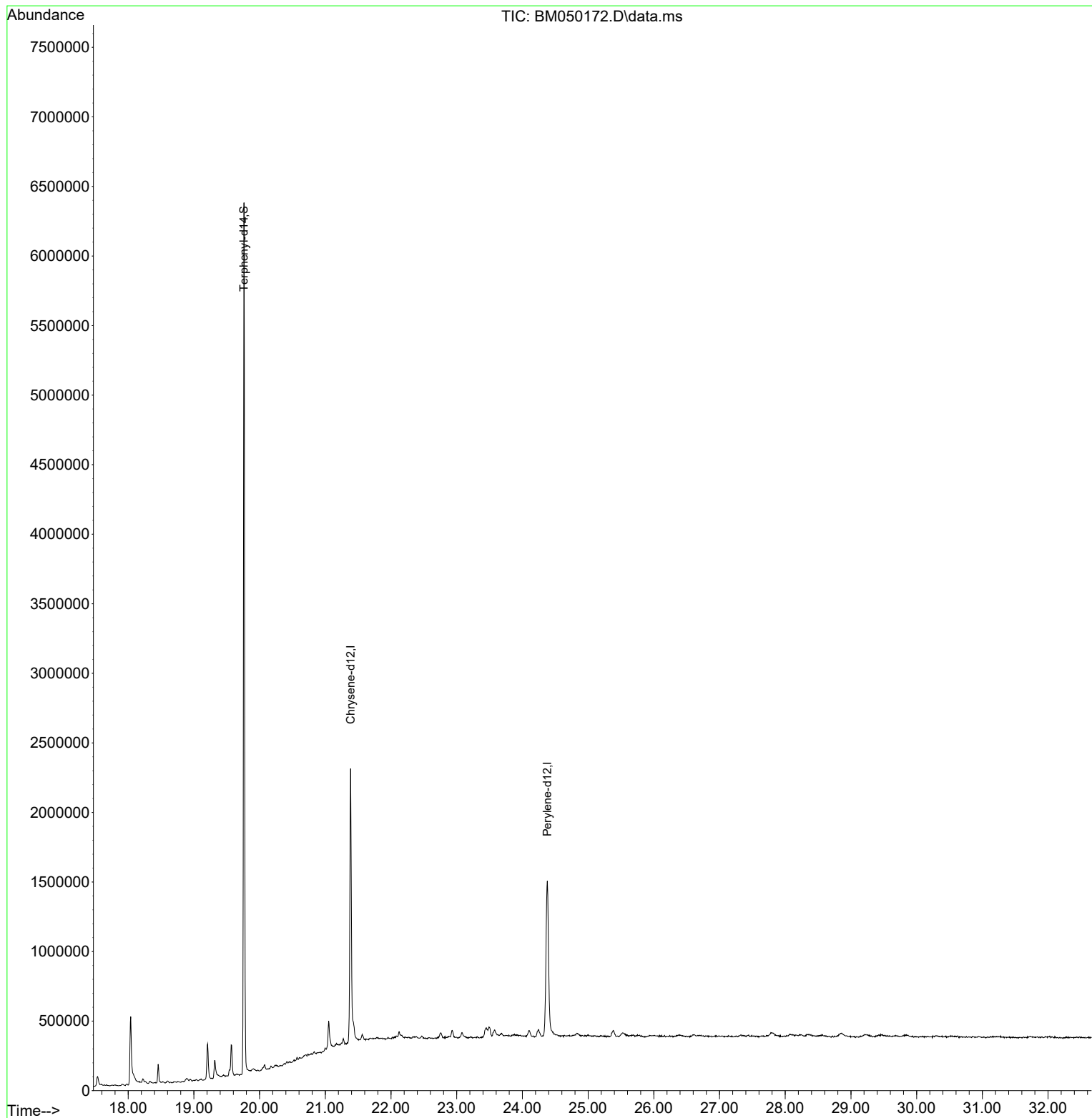
Quant Time: May 10 00:27:25 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
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QLast Update : Thu May 08 12:03:21 2025  
Response via : Initial Calibration



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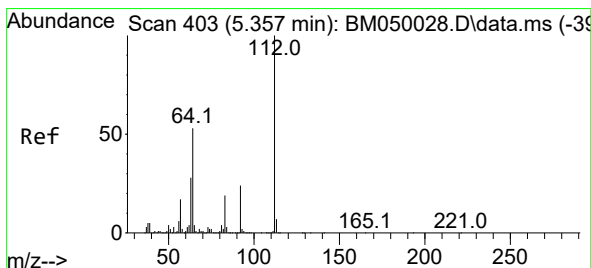
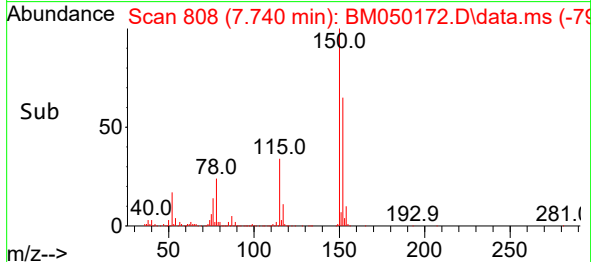
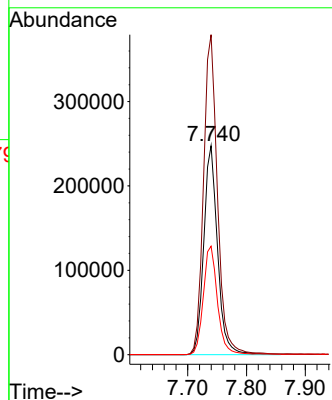
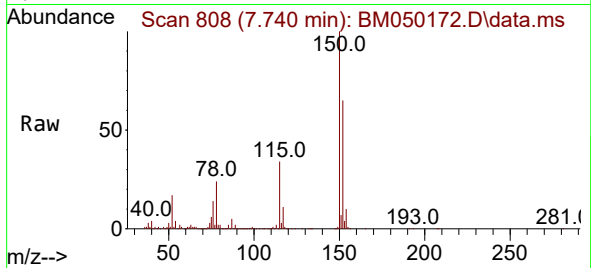




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 808  
Delta R.T. -0.029 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

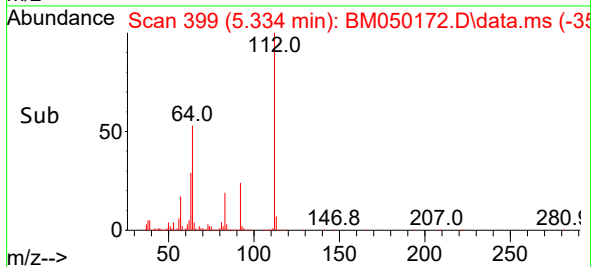
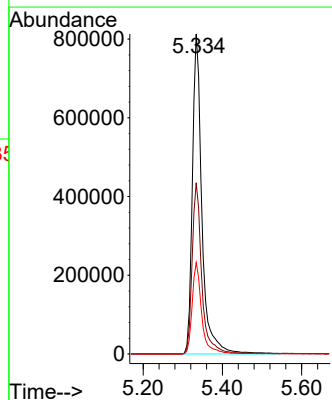
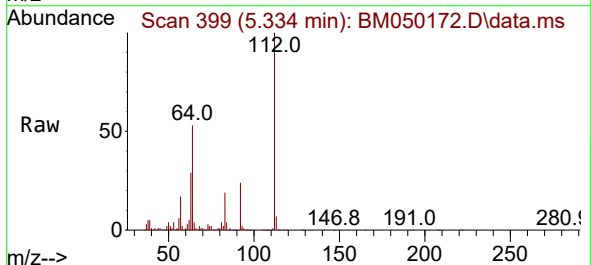
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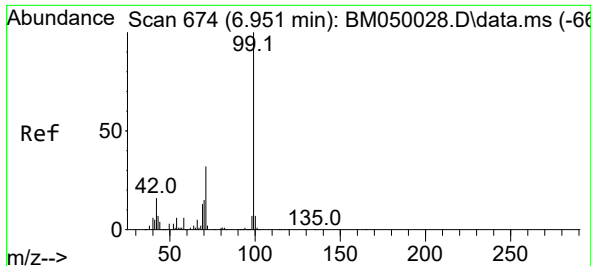
Tgt Ion:152 Resp: 404081  
Ion Ratio Lower Upper  
152 100  
150 153.1 124.1 186.1  
115 51.9 41.2 61.8



#5  
2-Fluorophenol  
Concen: 59.273 ng  
RT: 5.334 min Scan# 399  
Delta R.T. -0.023 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

Tgt Ion:112 Resp: 1367787  
Ion Ratio Lower Upper  
112 100  
64 53.5 42.6 64.0  
63 28.5 22.2 33.4

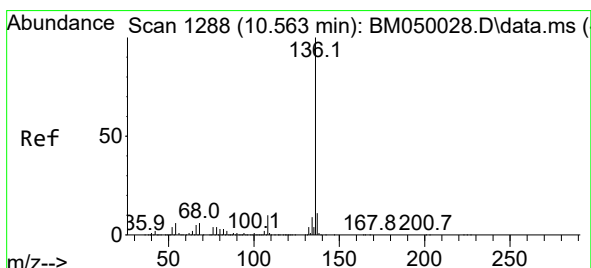
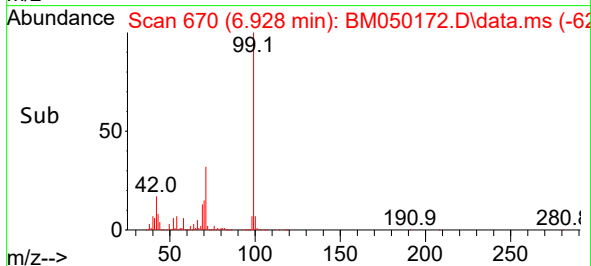
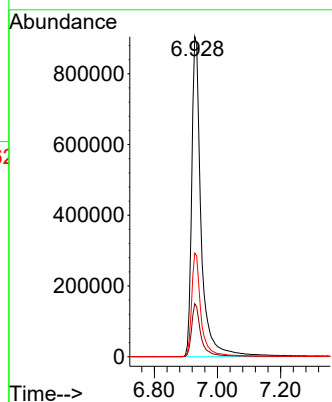
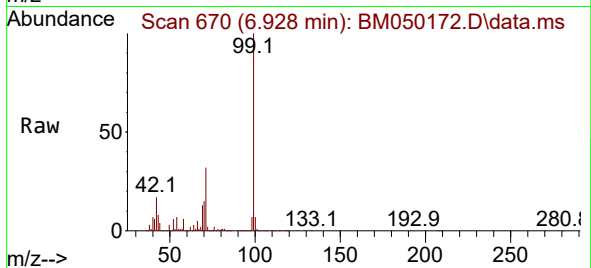




#7  
Phenol-d6  
Concen: 65.274 ng  
RT: 6.928 min Scan# 61  
Delta R.T. -0.023 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

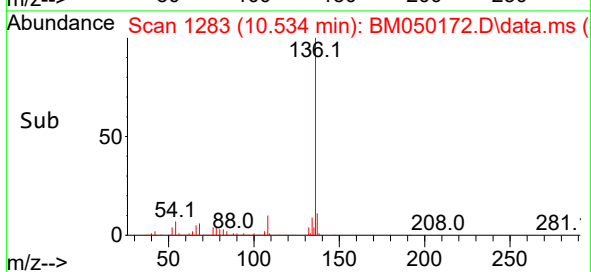
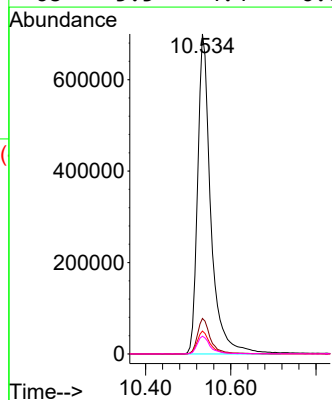
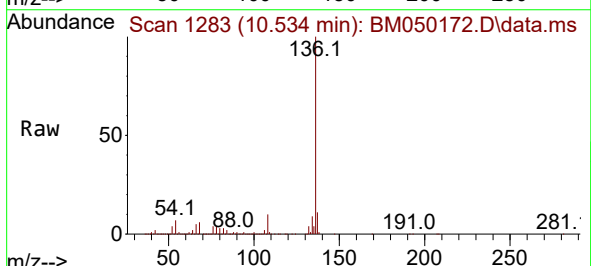
Instrument :  
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OR-636-COMP-05

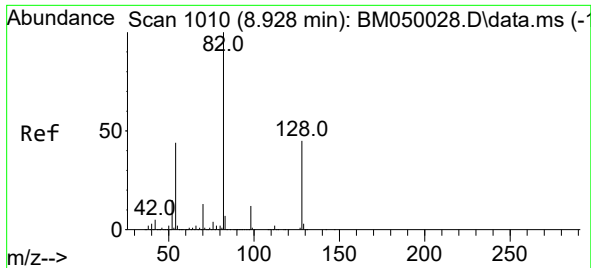
Tgt Ion: 99 Resp: 1893183  
Ion Ratio Lower Upper  
99 100  
42 16.6 13.0 19.4  
71 32.4 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.534 min Scan# 1283  
Delta R.T. -0.029 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

Tgt Ion: 136 Resp: 1503980  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.9 13.3  
54 7.1 5.1 7.7  
68 5.5 4.4 6.6

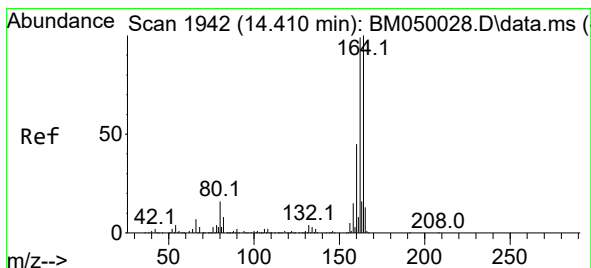
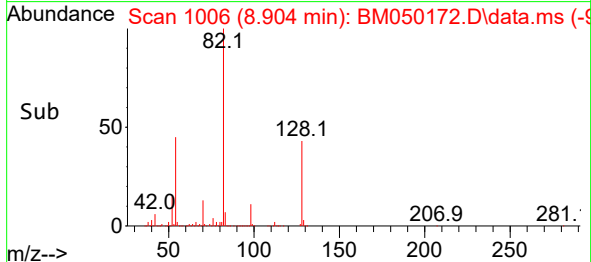
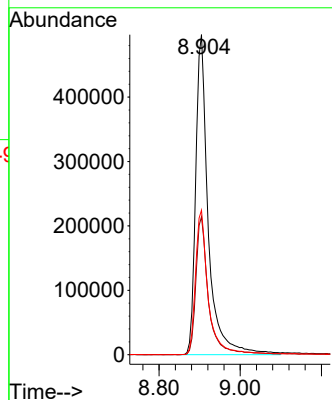
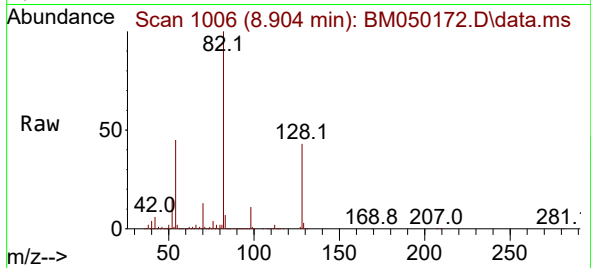




#23  
Nitrobenzene-d5  
Concen: 35.264 ng  
RT: 8.904 min Scan# 1006  
Delta R.T. -0.023 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

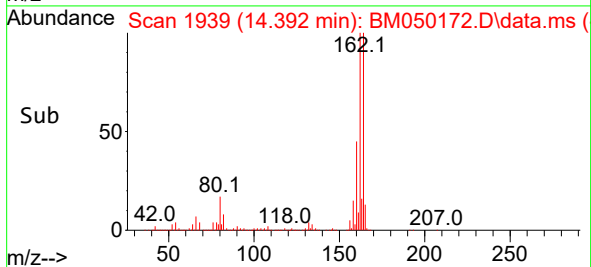
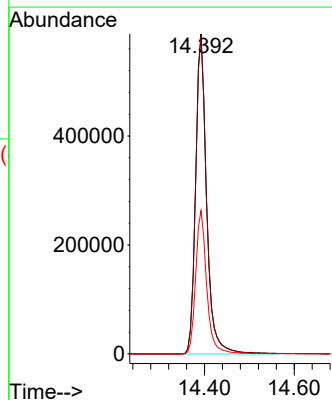
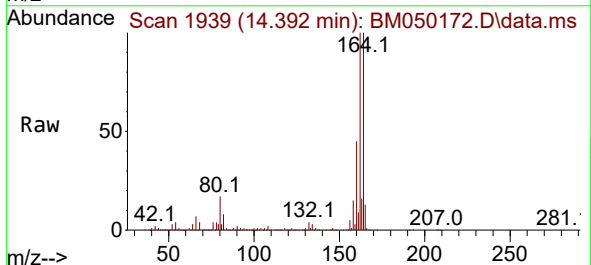
Instrument :  
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ClientSampleId :  
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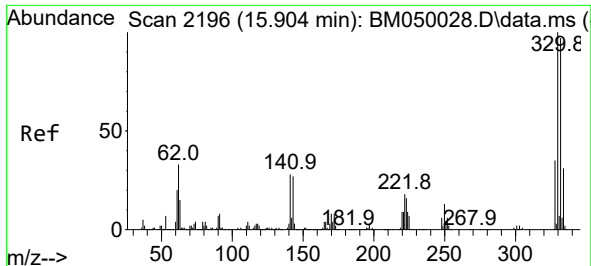
Tgt Ion: 82 Resp: 1076293  
Ion Ratio Lower Upper  
82 100  
128 43.1 35.7 53.5  
54 45.1 35.4 53.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.392 min Scan# 1939  
Delta R.T. -0.018 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

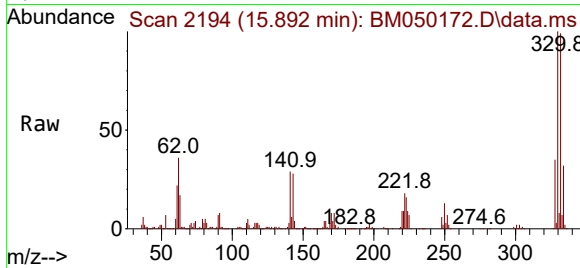
Tgt Ion: 164 Resp: 1002063  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.4 119.0  
160 44.8 36.2 54.4



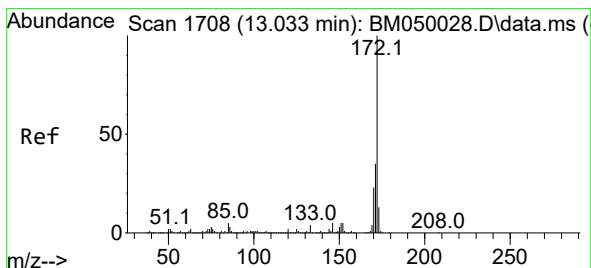
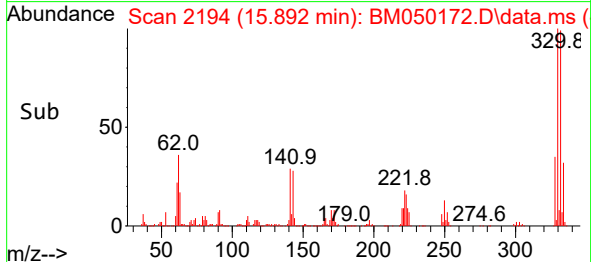
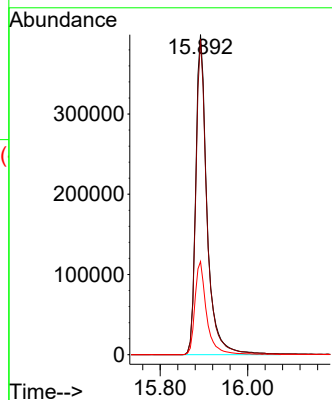


#42  
2,4,6-Tribromophenol  
Concen: 48.624 ng  
RT: 15.892 min Scan# 2194  
Delta R.T. -0.012 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

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ClientSampleId :  
OR-636-COMP-05

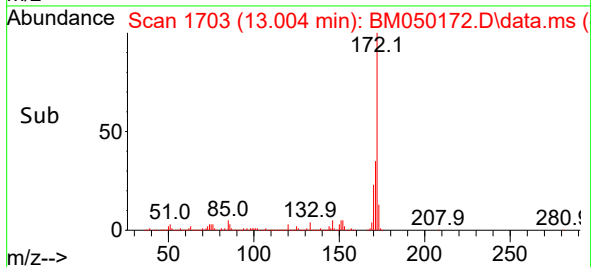
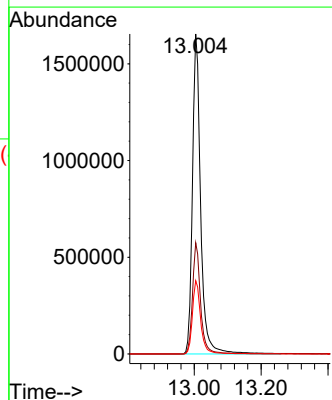
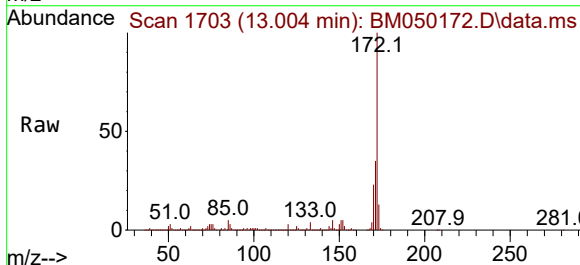


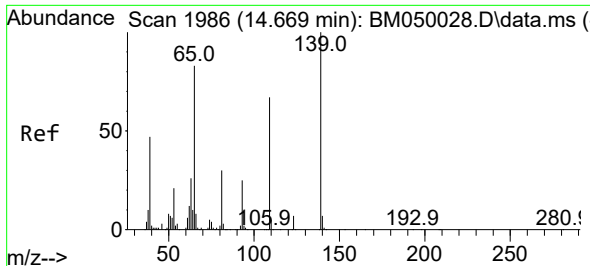
Tgt Ion:330 Resp: 720455  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.3 115.9  
141 30.3 22.5 33.7



#45  
2-Fluorobiphenyl  
Concen: 33.362 ng  
RT: 13.004 min Scan# 1703  
Delta R.T. -0.029 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

Tgt Ion:172 Resp: 2825958  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.6  
170 22.9 18.6 28.0

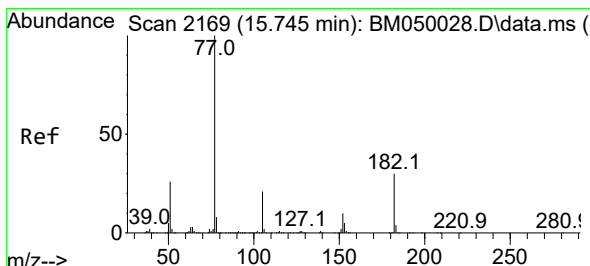
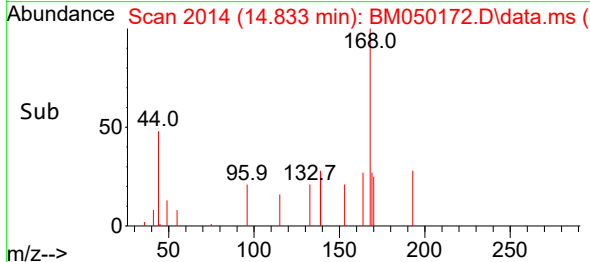
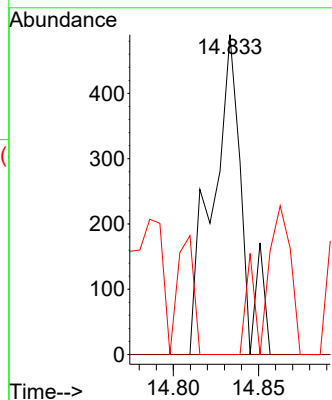
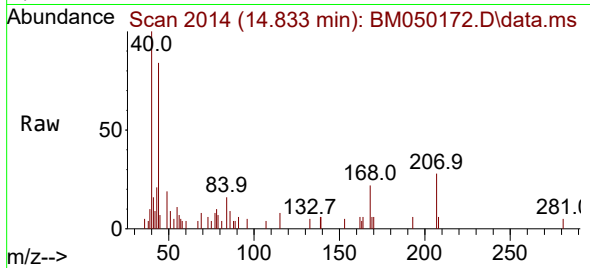




#56  
4-Nitrophenol  
Concen: 4.582 ng  
RT: 14.833 min Scan# 20  
Delta R.T. 0.164 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

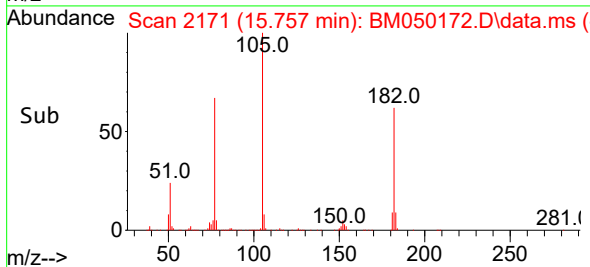
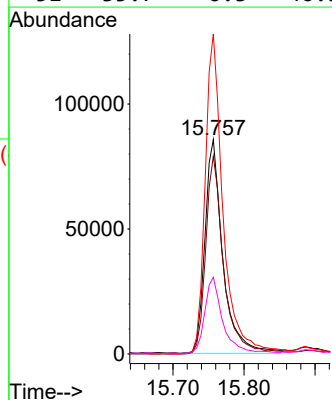
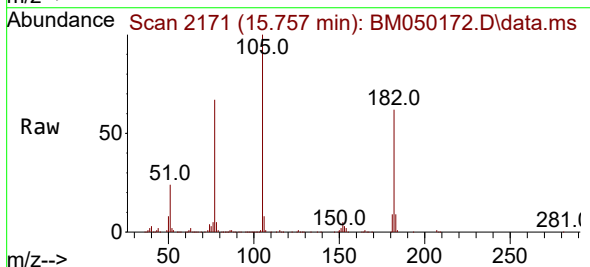
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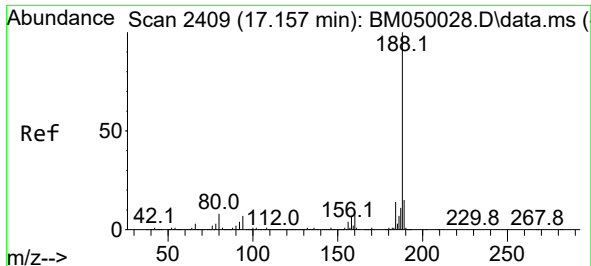
Tgt Ion:139 Resp: 597  
Ion Ratio Lower Upper  
139 100  
109 0.0 47.0 87.0#  
65 0.0 64.3 104.3#



#63  
Azobenzene  
Concen: 2.602 ng  
RT: 15.757 min Scan# 2171  
Delta R.T. 0.012 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

Tgt Ion: 77 Resp: 150455  
Ion Ratio Lower Upper  
77 100  
182 92.3 10.5 50.5#  
105 149.3 1.1 41.1#  
51 35.7 6.3 46.3

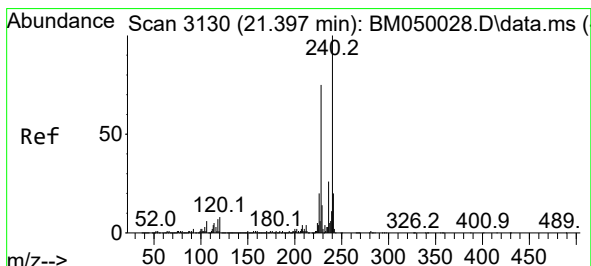
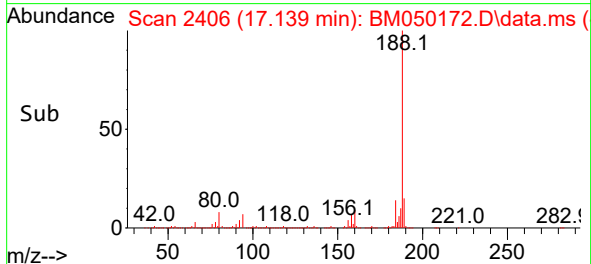
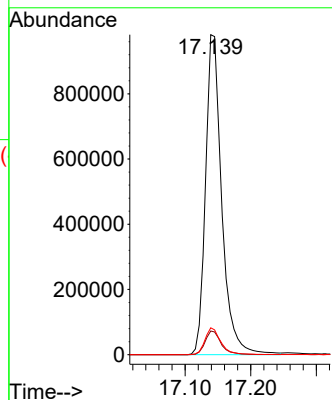
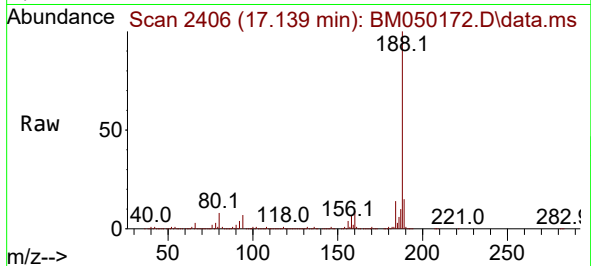




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.139 min Scan# 2409  
Delta R.T. -0.018 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

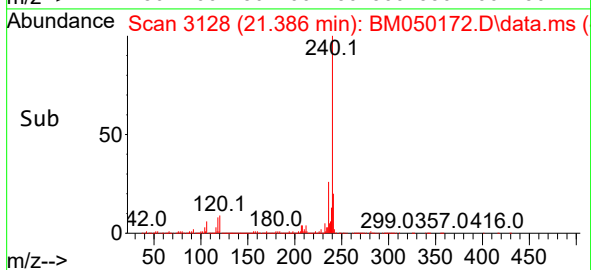
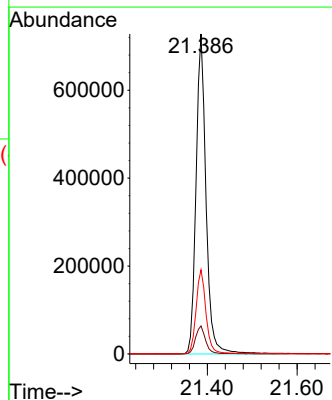
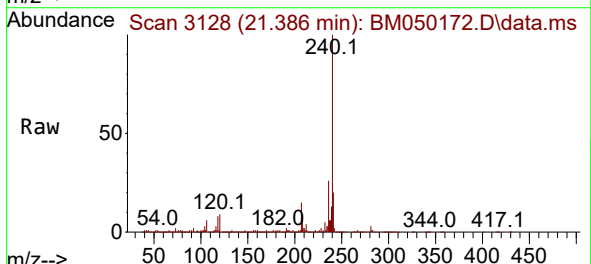
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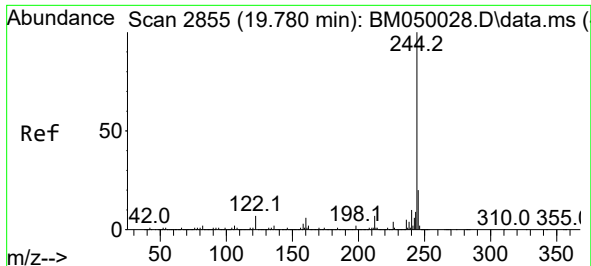
Tgt Ion:188 Resp: 1691545  
Ion Ratio Lower Upper  
188 100  
94 7.4 5.7 8.5  
80 8.4 6.2 9.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.386 min Scan# 3128  
Delta R.T. -0.011 min  
Lab File: BM050172.D  
Acq: 09 May 2025 23:18

Tgt Ion:240 Resp: 1125655  
Ion Ratio Lower Upper  
240 100  
120 8.7 6.5 9.7  
236 26.3 20.9 31.3

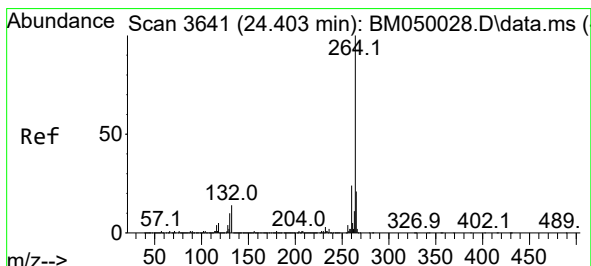
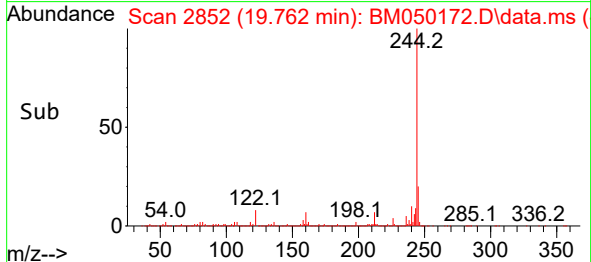
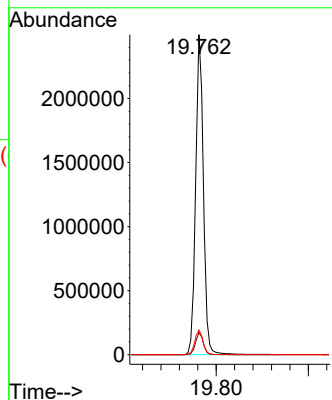
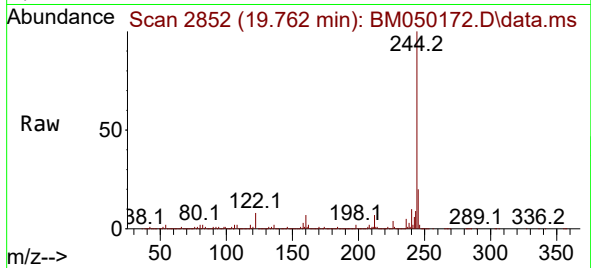




#79  
 Terphenyl-d14  
 Concen: 38.169 ng  
 RT: 19.762 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BM050172.D  
 Acq: 09 May 2025 23:18

Instrument :  
 BNA\_M  
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Tgt Ion:244 Resp: 2903547  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.6 8.4  
 122 7.7 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.380 min Scan# 3637  
 Delta R.T. -0.023 min  
 Lab File: BM050172.D  
 Acq: 09 May 2025 23:18

Tgt Ion:264 Resp: 1156486  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.8 28.2  
 265 21.9 17.0 25.4

