

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042225\  
 Data File : BM050005.D  
 Acq On : 22 Apr 2025 21:03  
 Operator : RC/JU  
 Sample : Q1840-01 5X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-04-04182025

Quant Time: Apr 23 01:15:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 09 04:00:55 2025  
 Response via : Initial Calibration

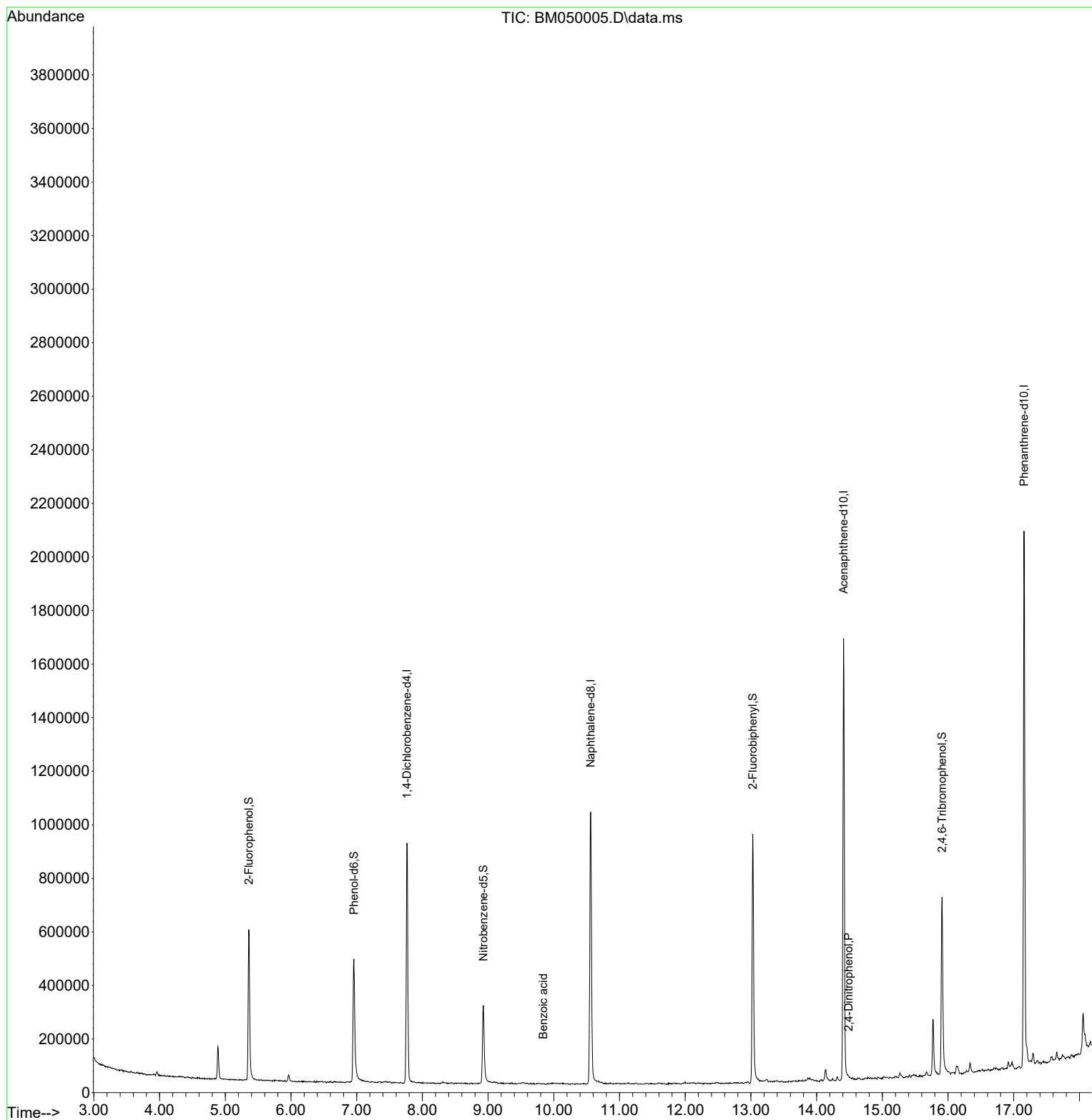
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.763  | 152  | 274699   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.563 | 136  | 954838   | 20.000 | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.410 | 164  | 638884   | 20.000 | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.157 | 188  | 1257294  | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.398 | 240  | 1194434  | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.403 | 264  | 1287937  | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 286660   | 17.720 | ng    | 0.00     |
| 7) Phenol-d6                | 6.957  | 99   | 352073   | 17.492 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.928  | 82   | 210632   | 12.284 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.910 | 330  | 162250   | 17.460 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.028 | 172  | 571351   | 12.127 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.780 | 244  | 817308   | 12.823 | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid            | 9.839  | 122  | 57       | 8.542  | ng    | # 1      |
| 54) 2,4-Dinitrophenol       | 14.486 | 184  | 60       | 7.233  | ng    | # 1      |
| -----                       |        |      |          |        |       |          |

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

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Sample : Q1840-01 5X  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
OK-04-04182025

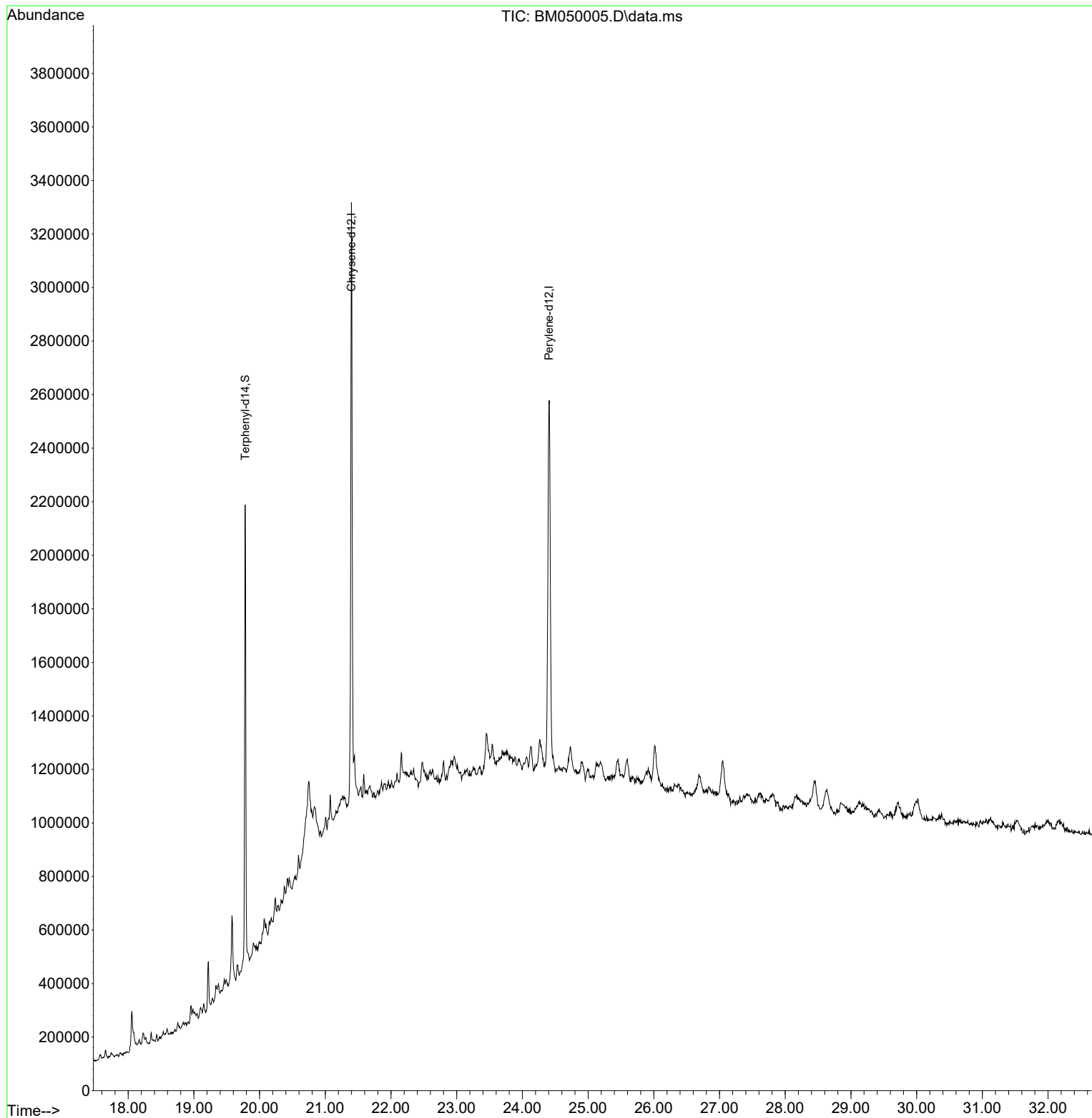
Quant Time: Apr 23 01:15:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 09 04:00:55 2025  
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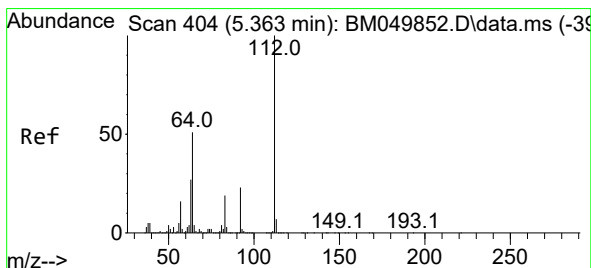
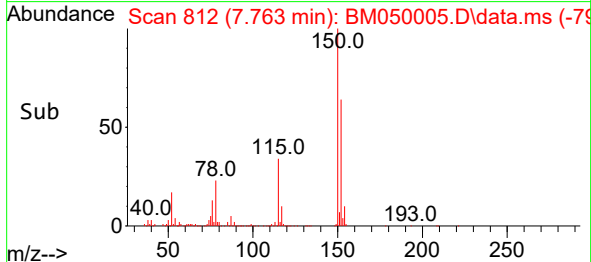
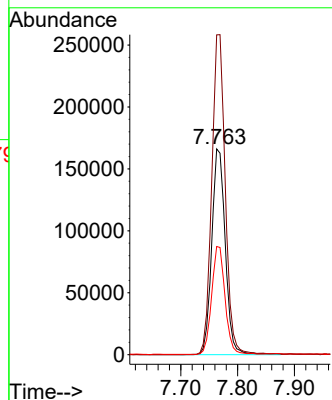
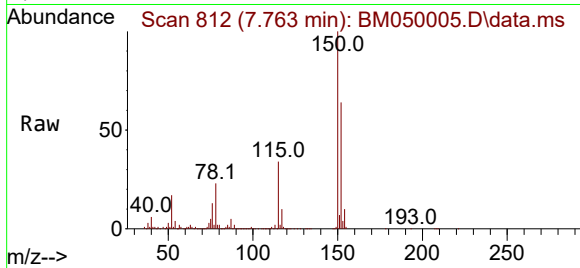




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.763 min Scan# 815  
Delta R.T. -0.018 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

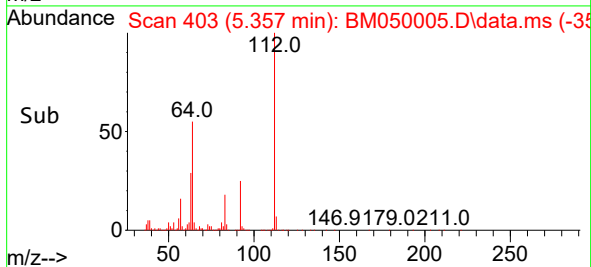
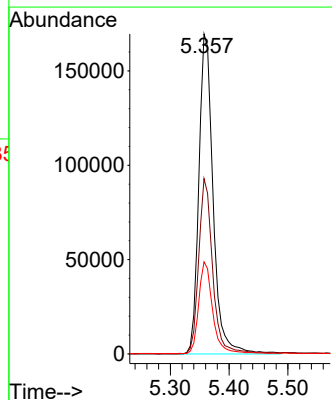
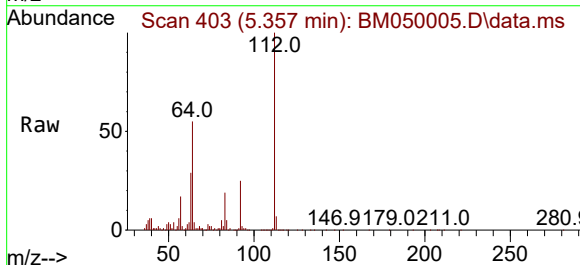
Instrument :  
BNA\_M  
ClientSampleId :  
OK-04-04182025

Tgt Ion:152 Resp: 274699  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.3 186.5  
115 52.6 41.1 61.7



#5  
2-Fluorophenol  
Concen: 17.720 ng  
RT: 5.357 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

Tgt Ion:112 Resp: 286660  
Ion Ratio Lower Upper  
112 100  
64 54.8 41.0 61.6  
63 28.8 21.5 32.3

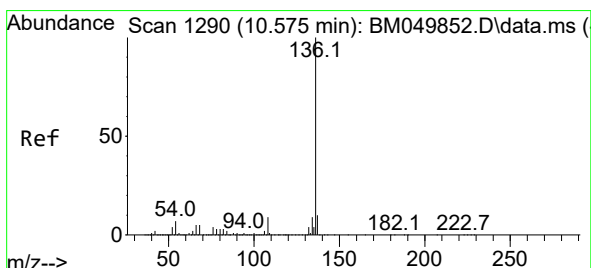
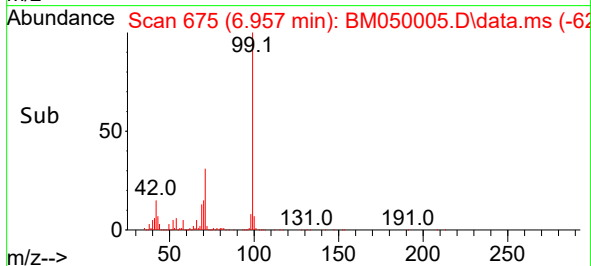
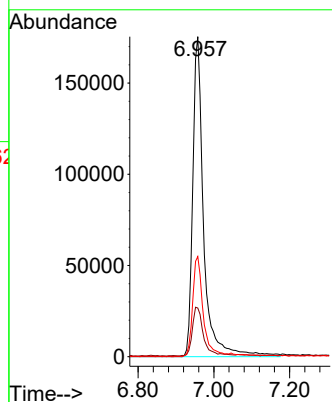
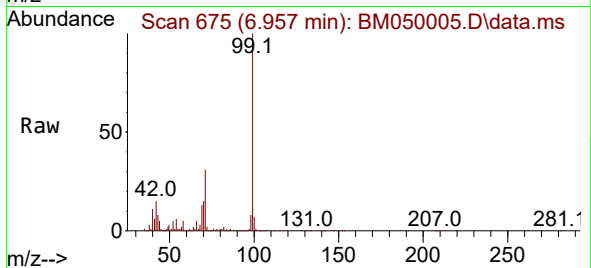




#7  
Phenol-d6  
Concen: 17.492 ng  
RT: 6.957 min Scan# 61  
Delta R.T. 0.006 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

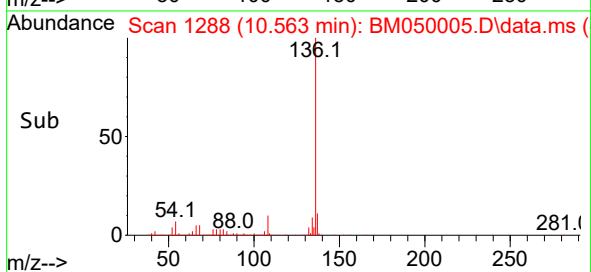
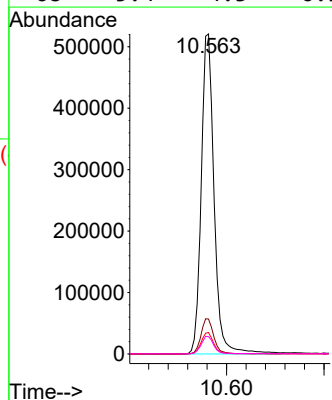
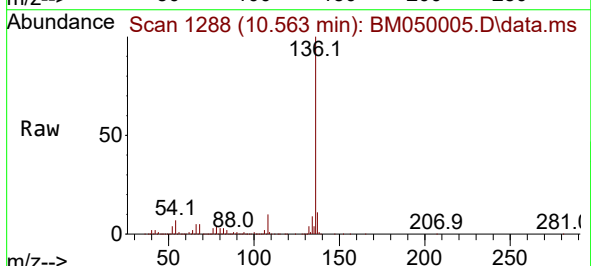
Instrument :  
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ClientSampleId :  
OK-04-04182025

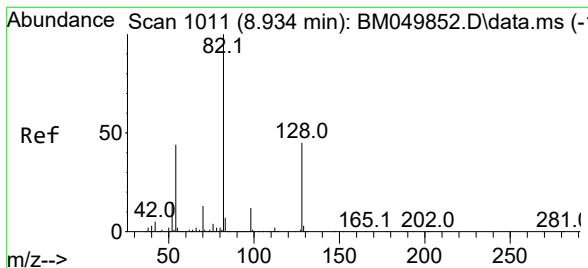
Tgt Ion: 99 Resp: 352073  
Ion Ratio Lower Upper  
99 100  
42 15.2 12.1 18.1  
71 31.3 24.9 37.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.563 min Scan# 1288  
Delta R.T. -0.012 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

Tgt Ion: 136 Resp: 954838  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.4 12.6  
54 6.7 5.3 7.9  
68 5.4 4.3 6.5

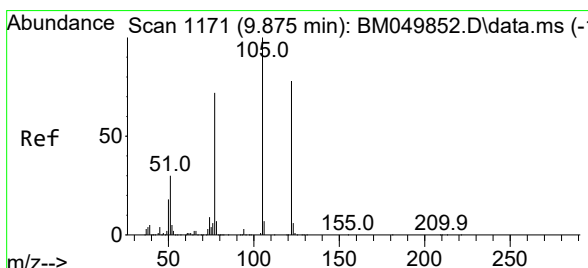
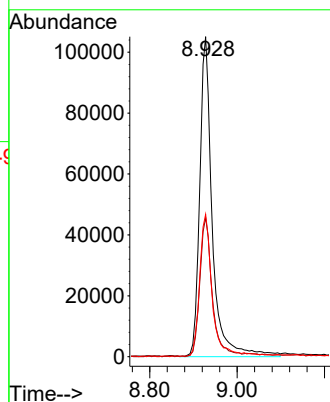
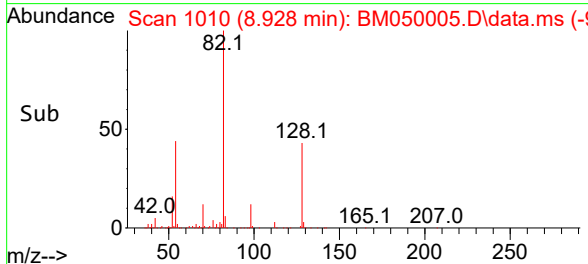
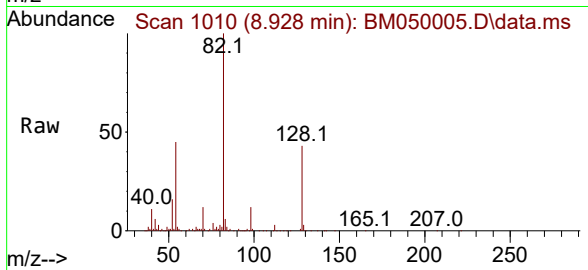




#23  
Nitrobenzene-d5  
Concen: 12.284 ng  
RT: 8.928 min Scan# 1165  
Delta R.T. -0.006 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

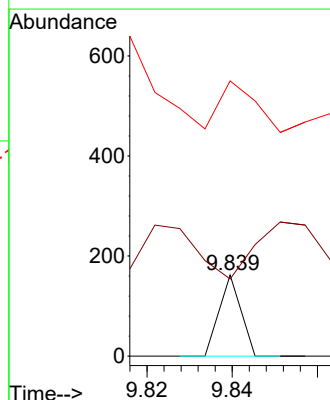
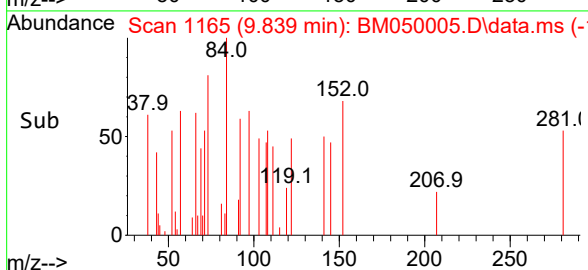
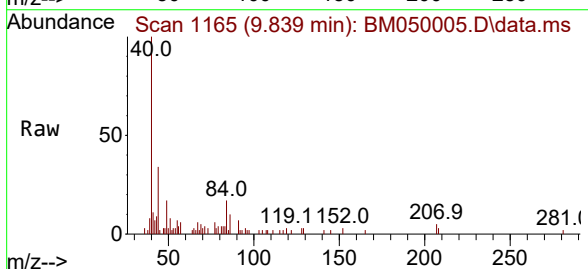
Instrument :  
BNA\_M  
ClientSampleId :  
OK-04-04182025

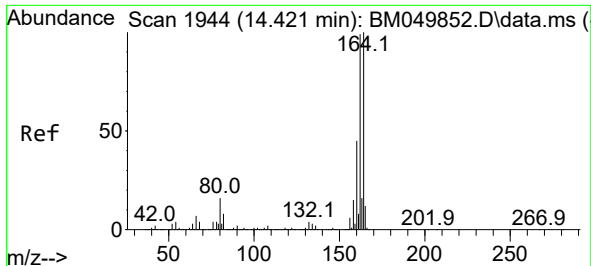
Tgt Ion: 82 Resp: 210632  
Ion Ratio Lower Upper  
82 100  
128 43.5 36.2 54.2  
54 44.5 35.0 52.6



#32  
Benzoic acid  
Concen: 8.542 ng  
RT: 9.839 min Scan# 1165  
Delta R.T. -0.036 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

Tgt Ion:122 Resp: 57  
Ion Ratio Lower Upper  
122 100  
105 95.1 103.8 143.8#  
77 339.5 70.7 110.7#

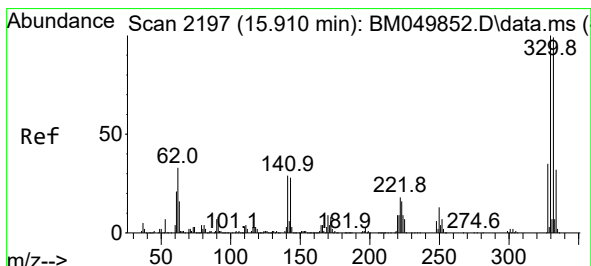
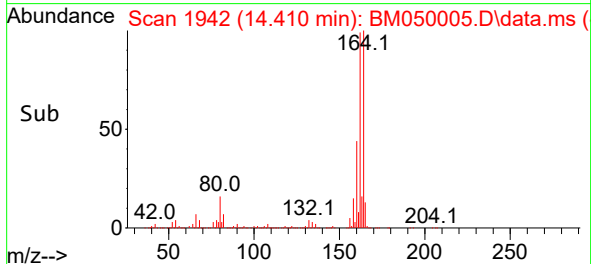
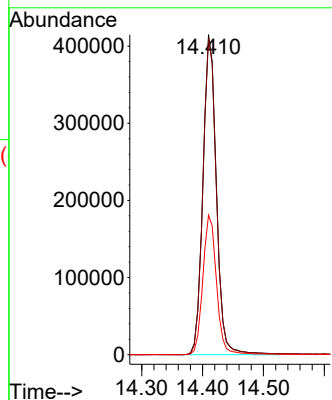
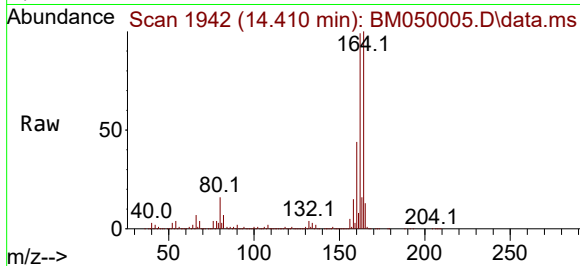




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.410 min Scan# 1942  
Delta R.T. -0.012 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

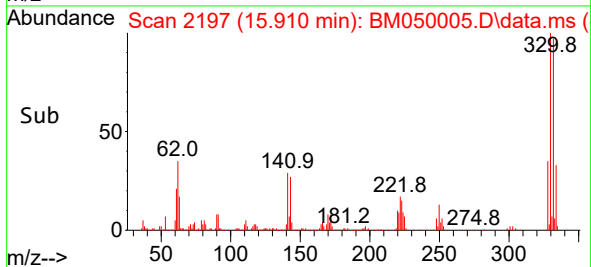
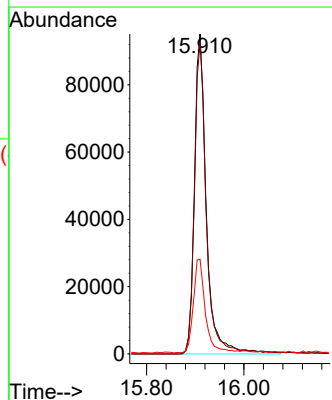
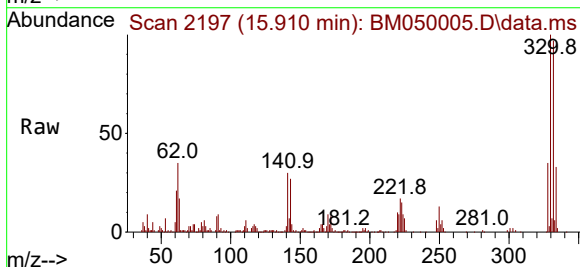
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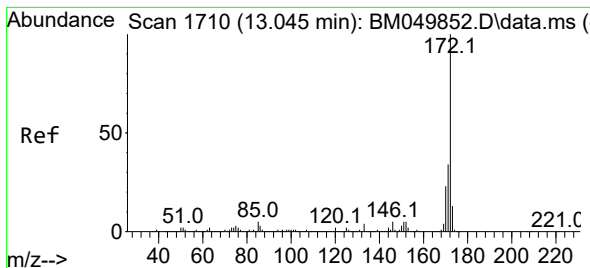
Tgt Ion:164 Resp: 638884  
Ion Ratio Lower Upper  
164 100  
162 98.8 79.4 119.0  
160 43.6 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 17.460 ng  
RT: 15.910 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

Tgt Ion:330 Resp: 162250  
Ion Ratio Lower Upper  
330 100  
332 96.6 78.0 117.0  
141 29.7 23.5 35.3

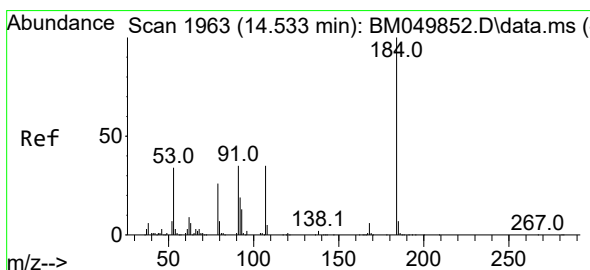
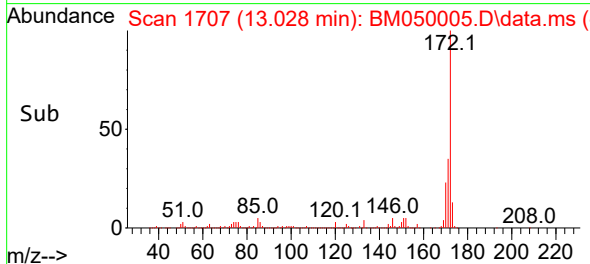
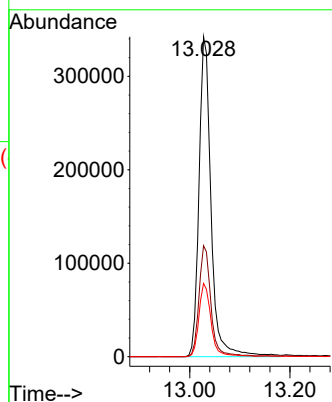
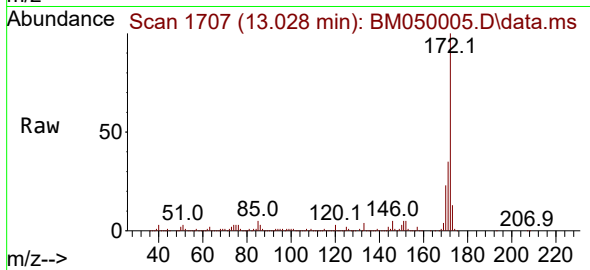




#45  
2-Fluorobiphenyl  
Concen: 12.127 ng  
RT: 13.028 min Scan# 1707  
Delta R.T. -0.018 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

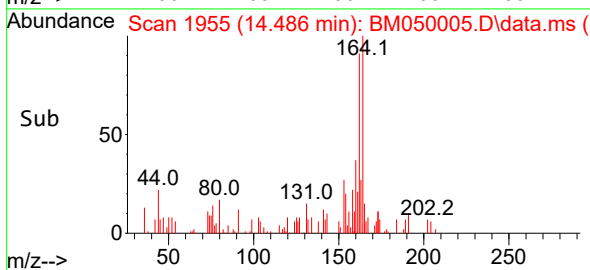
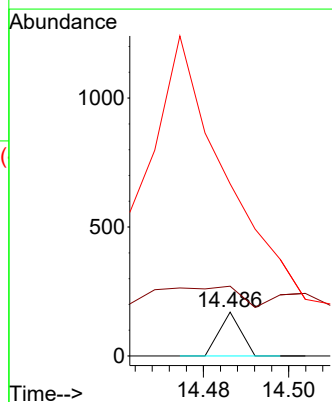
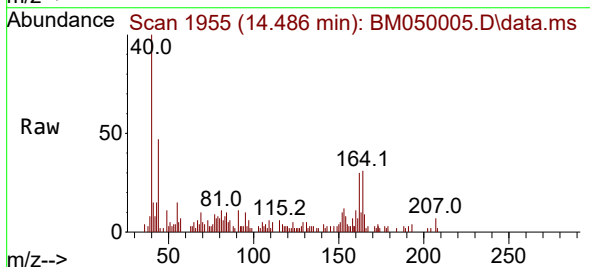
Instrument :  
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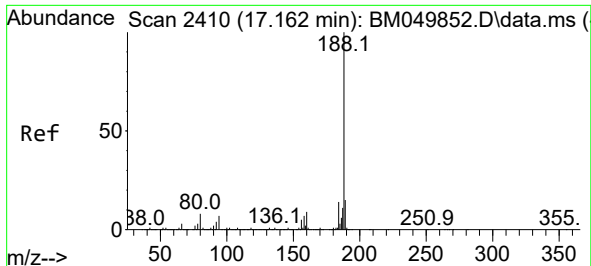
Tgt Ion:172 Resp: 571351  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.4 41.2  
170 22.9 18.6 28.0



#54  
2,4-Dinitrophenol  
Concen: 7.233 ng  
RT: 14.486 min Scan# 1955  
Delta R.T. -0.047 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

Tgt Ion:184 Resp: 60  
Ion Ratio Lower Upper  
184 100  
63 159.4 38.4 57.6#  
154 392.9 48.1 72.1#

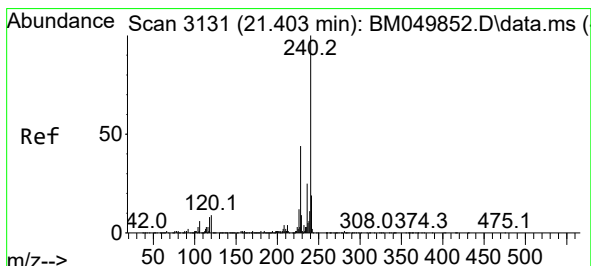
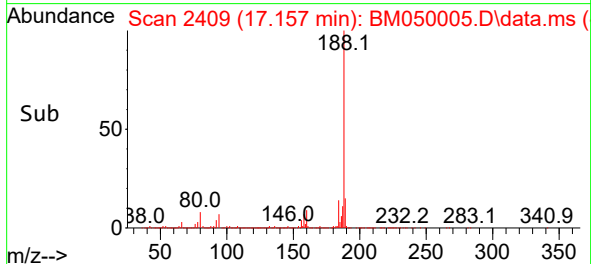
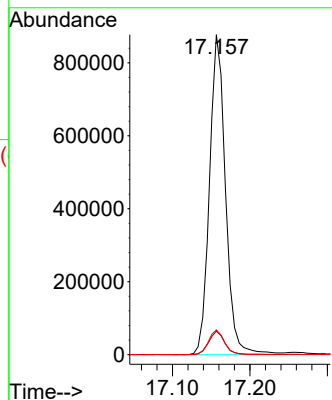
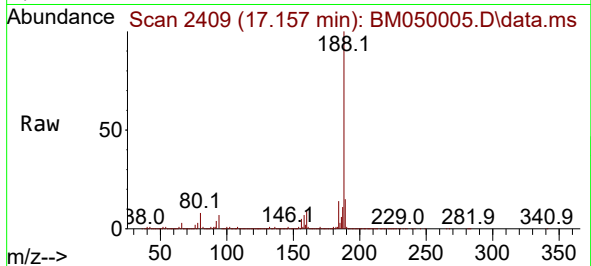




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.157 min Scan# 2410  
Delta R.T. -0.006 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

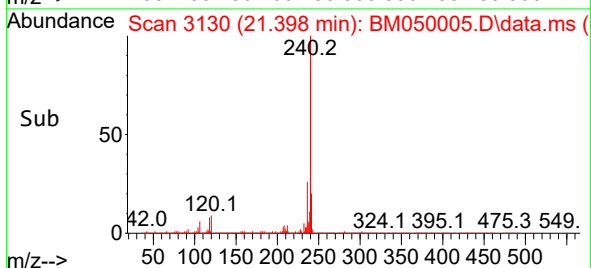
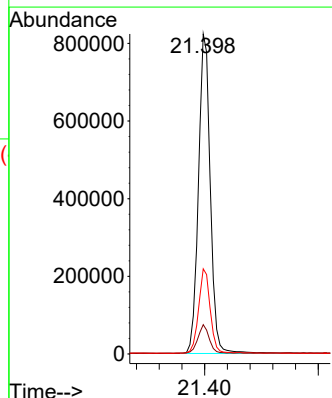
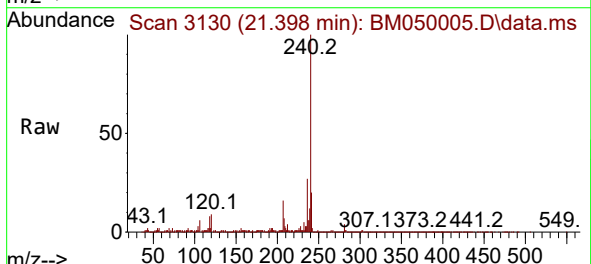
Instrument :  
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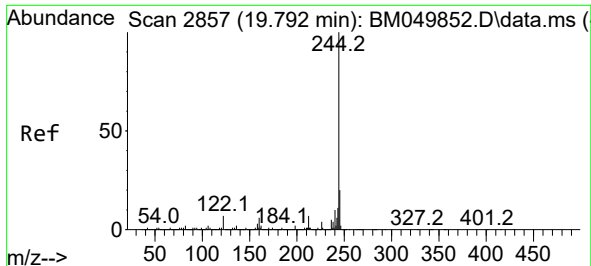
Tgt Ion:188 Resp: 1257294  
Ion Ratio Lower Upper  
188 100  
94 7.3 5.8 8.6  
80 7.8 6.4 9.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.398 min Scan# 3130  
Delta R.T. -0.006 min  
Lab File: BM050005.D  
Acq: 22 Apr 2025 21:03

Tgt Ion:240 Resp: 1194434  
Ion Ratio Lower Upper  
240 100  
120 9.1 6.9 10.3  
236 26.6 20.4 30.6

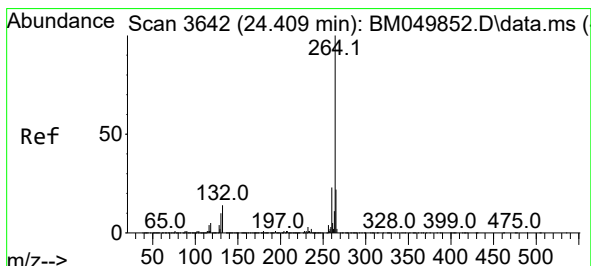
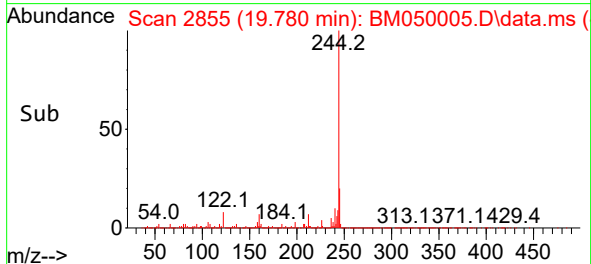
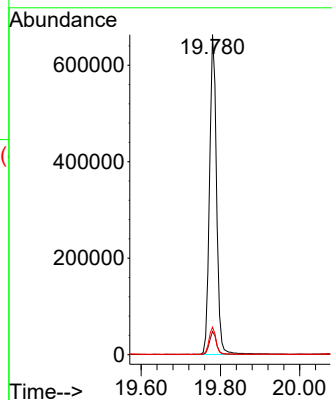
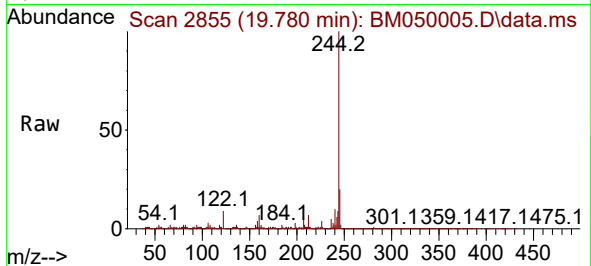




#79  
 Terphenyl-d14  
 Concen: 12.823 ng  
 RT: 19.780 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM050005.D  
 Acq: 22 Apr 2025 21:03

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-04-04182025

Tgt Ion:244 Resp: 817308  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.5 8.3  
 122 8.6 5.4 8.0#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.403 min Scan# 3641  
 Delta R.T. -0.006 min  
 Lab File: BM050005.D  
 Acq: 22 Apr 2025 21:03

Tgt Ion:264 Resp: 1287937  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.6 28.0  
 265 22.3 17.8 26.8

