

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060925\  
 Data File : BM050243.D  
 Acq On : 09 Jun 2025 15:39  
 Operator : RC/JU  
 Sample : Q2226-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Jun 09 18:03:36 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 09 11:54:38 2025  
 Response via : Initial Calibration

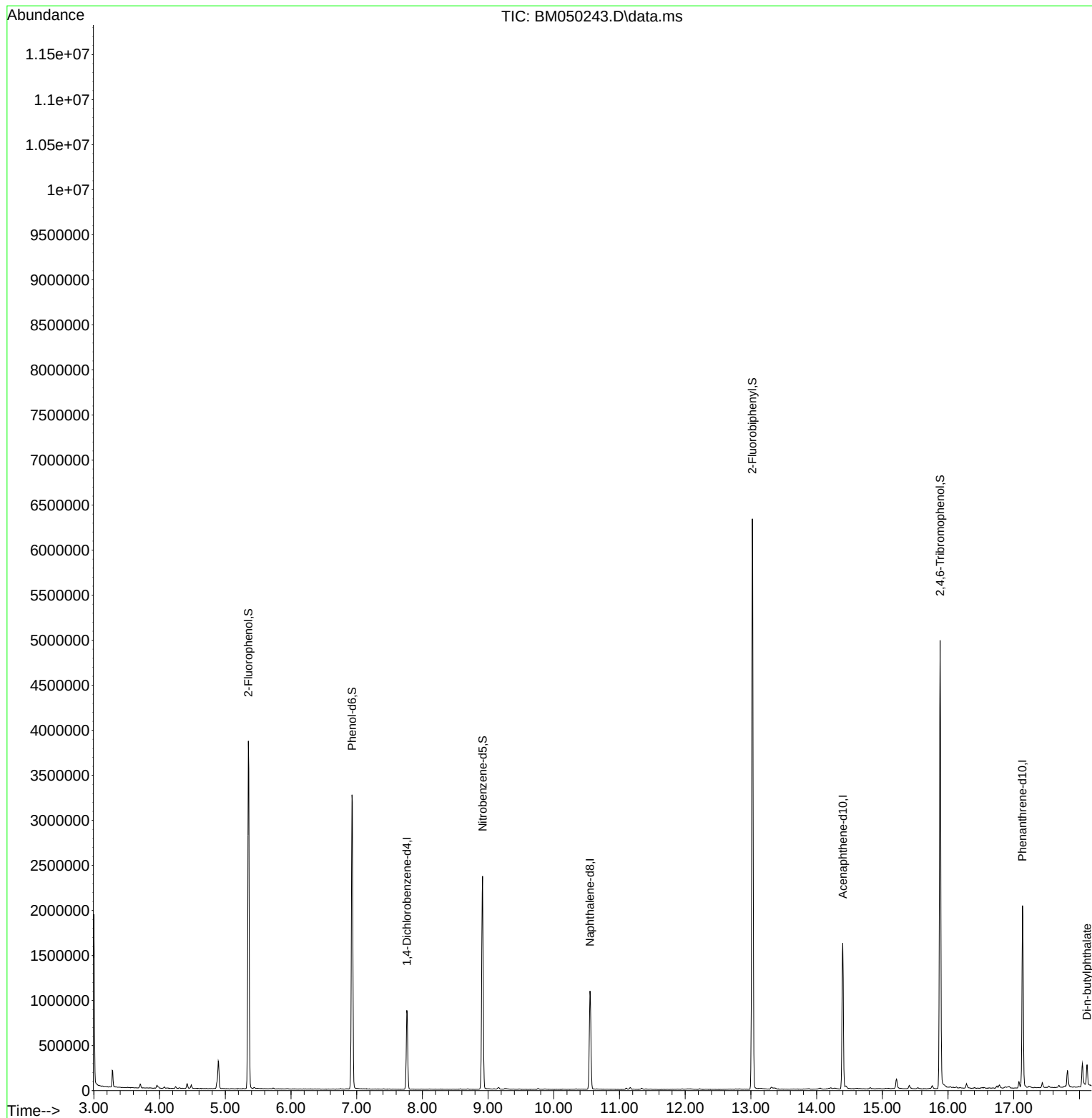
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 7.763  | 152  | 247754   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.551 | 136  | 951828   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 14.398 | 164  | 560933   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.133 | 188  | 1131568  | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.368 | 240  | 1170195  | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 24.344 | 264  | 1198696  | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.352  | 112  | 1845574  | 124.264 | ng    | 0.00      |
| 7) Phenol-d6                | 6.928  | 99   | 2157993  | 110.375 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 8.916  | 82   | 1475680  | 80.632  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 15.880 | 330  | 929059   | 145.616 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.022 | 172  | 3258348  | 78.642  | ng    | 0.00      |
| 79) Terphenyl-d14           | 19.762 | 244  | 4763358  | 77.138  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 74) Di-n-butylphthalate     | 18.115 | 149  | 196233   | 3.061   | ng    | Qvalue 99 |
| -----                       |        |      |          |         |       |           |

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

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Operator : RC/JU  
Sample : Q2226-04  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :

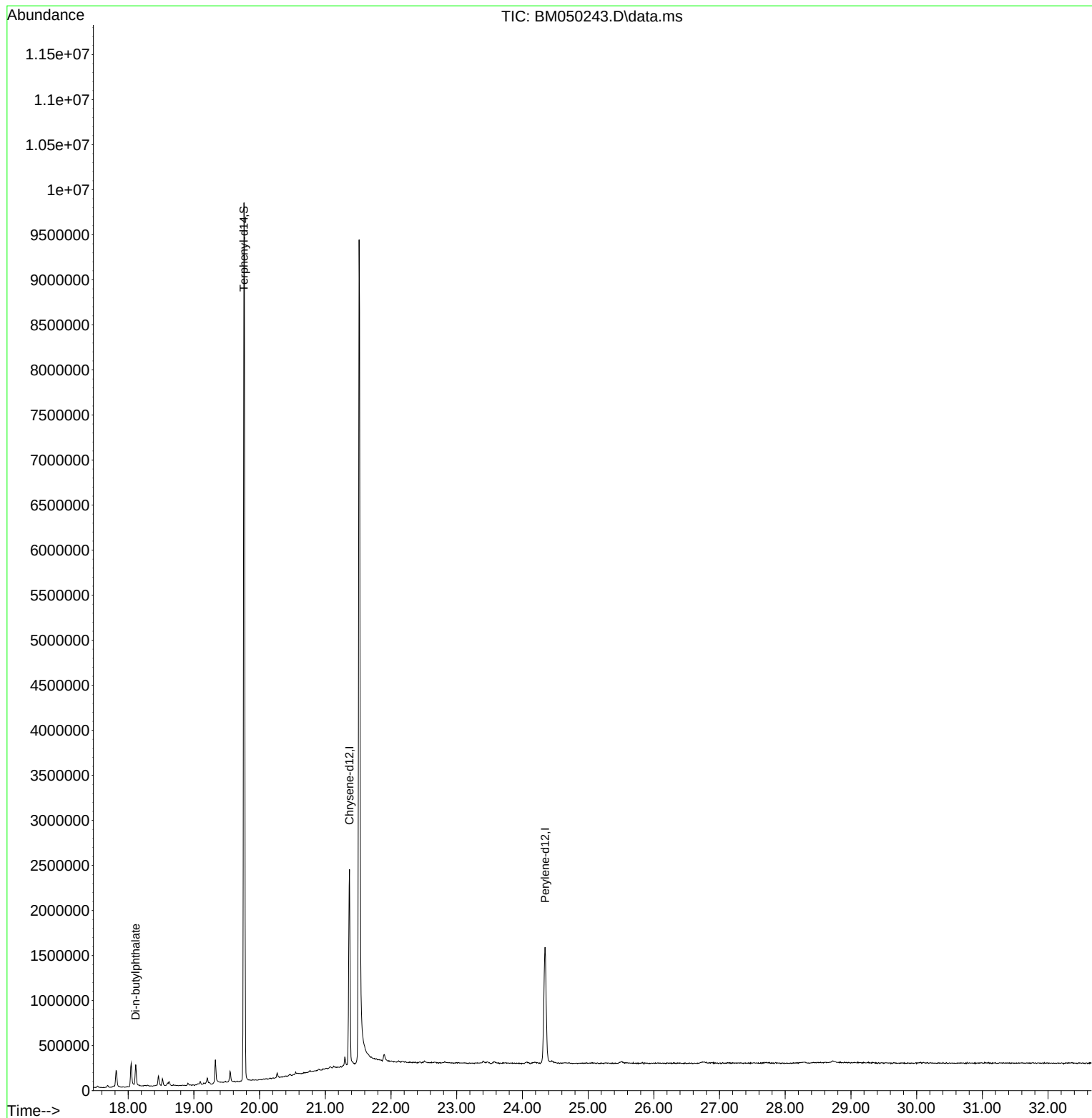
Quant Time: Jun 09 18:03:36 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 09 11:54:38 2025  
Response via : Initial Calibration

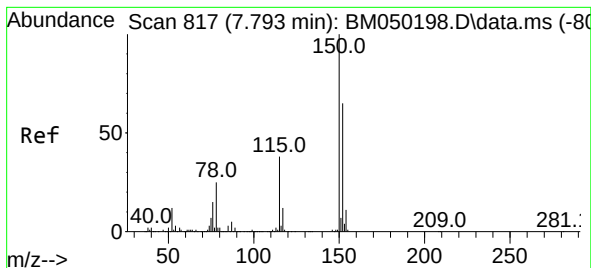


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060925\  
Data File : BM050243.D  
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QLast Update : Mon Jun 09 11:54:38 2025  
Response via : Initial Calibration

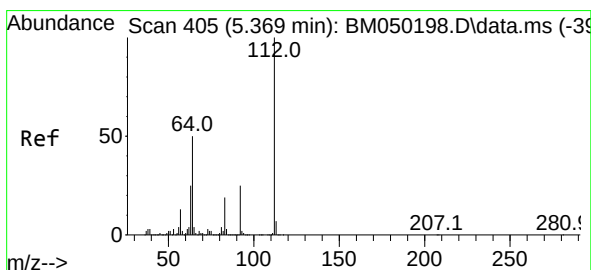
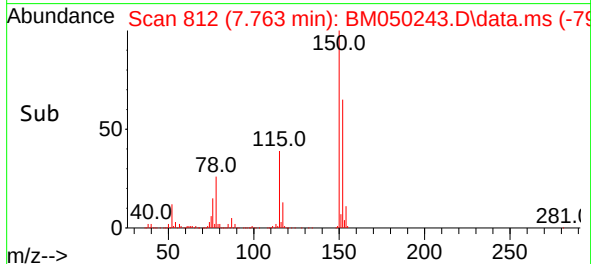
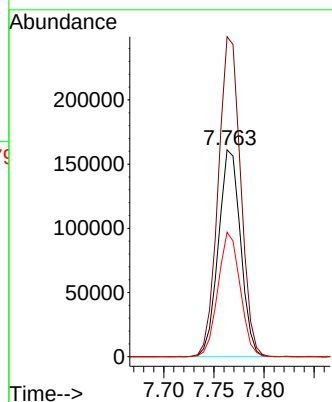
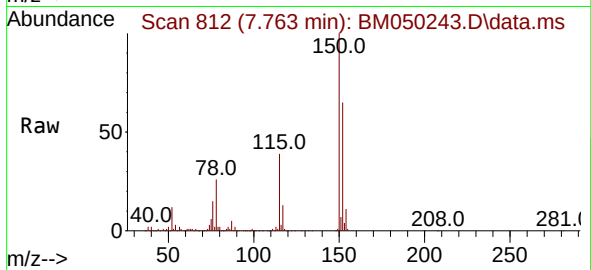




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.763 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BM050243.D  
 Acq: 09 Jun 2025 15:39

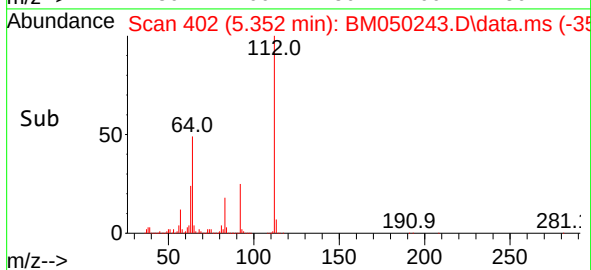
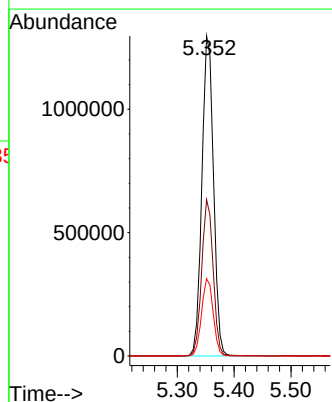
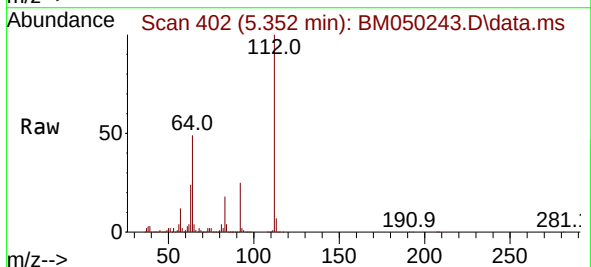
Instrument :  
 BNA\_M  
 ClientSampleId :

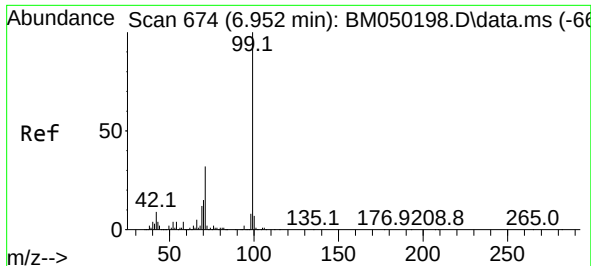
Tgt Ion:152 Resp: 247754  
 Ion Ratio Lower Upper  
 152 100  
 150 154.6 122.2 183.4  
 115 60.2 46.3 69.5



#5  
 2-Fluorophenol  
 Concen: 124.264 ng  
 RT: 5.352 min Scan# 402  
 Delta R.T. -0.006 min  
 Lab File: BM050243.D  
 Acq: 09 Jun 2025 15:39

Tgt Ion:112 Resp: 1845574  
 Ion Ratio Lower Upper  
 112 100  
 64 48.8 39.8 59.6  
 63 24.2 19.8 29.8

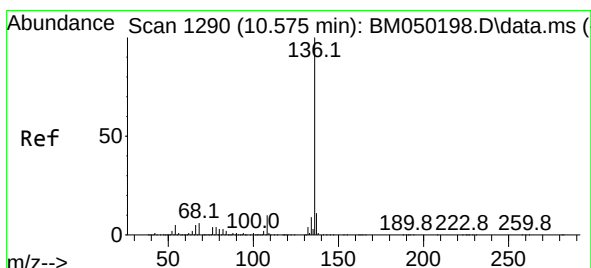
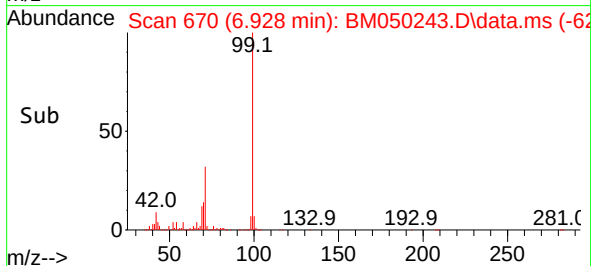
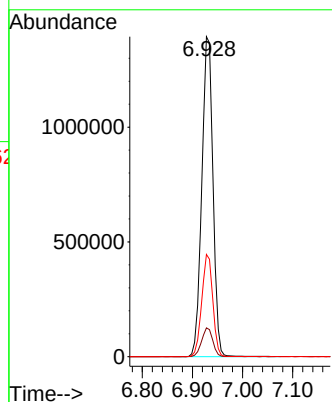
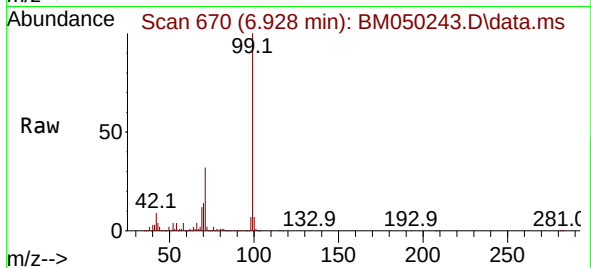




#7  
Phenol-d6  
Concen: 110.375 ng  
RT: 6.928 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM050243.D  
Acq: 09 Jun 2025 15:39

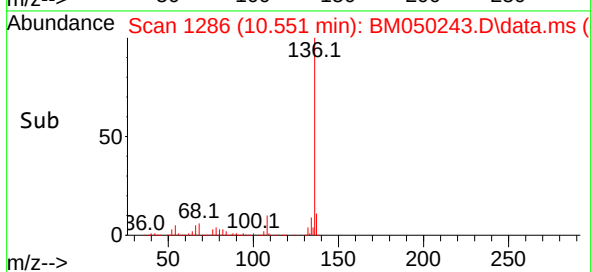
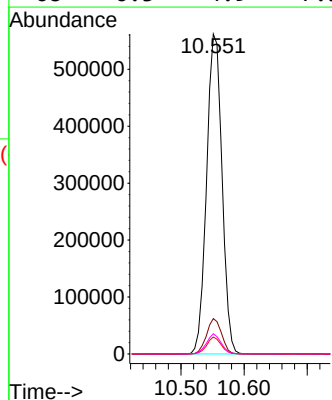
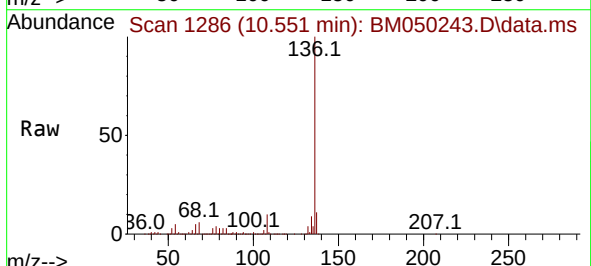
Instrument :  
BNA\_M  
ClientSampleId :

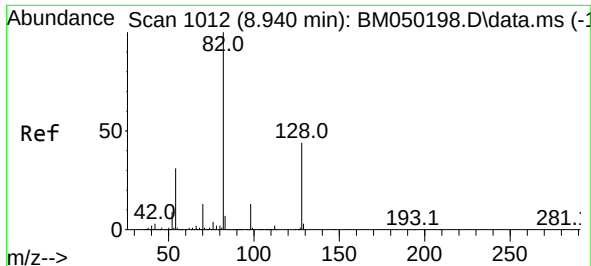
Tgt Ion: 99 Resp: 2157993  
Ion Ratio Lower Upper  
99 100  
42 9.0 6.9 10.3  
71 31.9 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.551 min Scan# 1286  
Delta R.T. -0.006 min  
Lab File: BM050243.D  
Acq: 09 Jun 2025 15:39

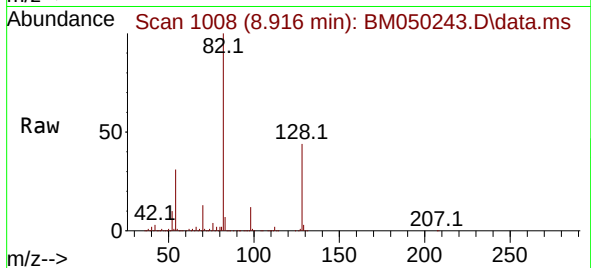
Tgt Ion: 136 Resp: 951828  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 5.3 3.8 5.8  
68 6.3 4.9 7.3



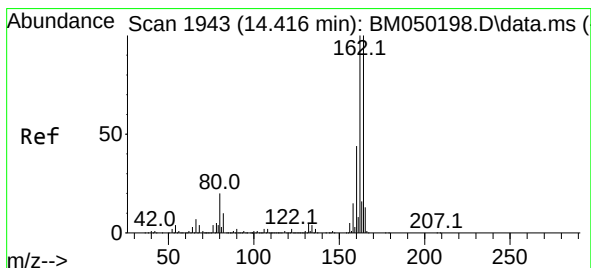
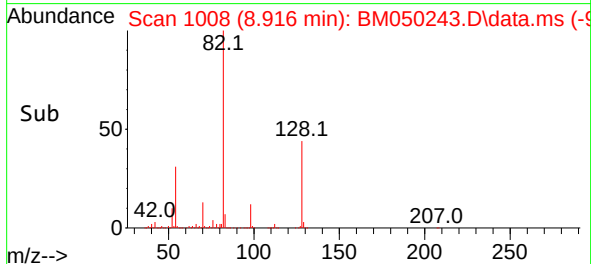
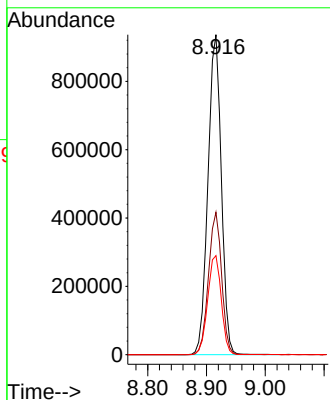


#23  
Nitrobenzene-d5  
Concen: 80.632 ng  
RT: 8.916 min Scan# 1012  
Delta R.T. 0.000 min  
Lab File: BM050243.D  
Acq: 09 Jun 2025 15:39

Instrument :  
BNA\_M  
ClientSampleId :

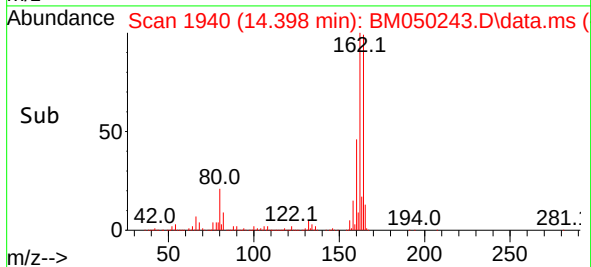
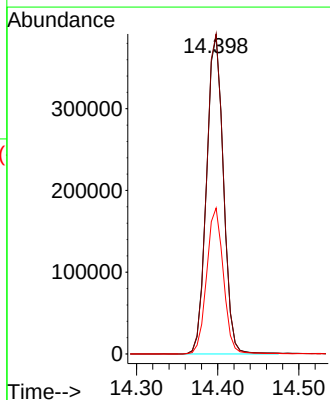
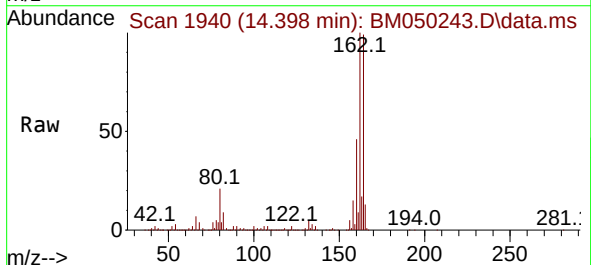


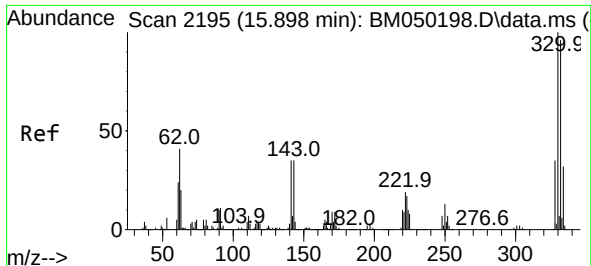
Tgt Ion: 82 Resp: 1475680  
Ion Ratio Lower Upper  
82 100  
128 44.5 35.2 52.8  
54 30.9 24.5 36.7



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.398 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BM050243.D  
Acq: 09 Jun 2025 15:39

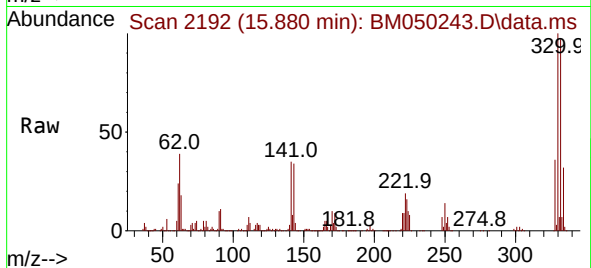
Tgt Ion:164 Resp: 560933  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.2 120.4  
160 45.9 35.7 53.5



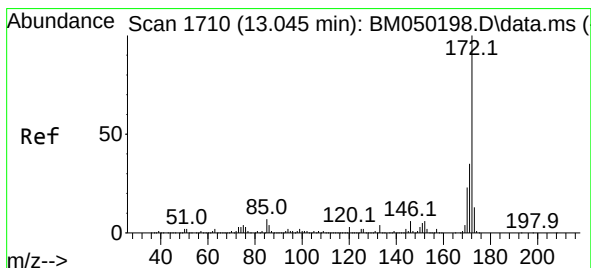
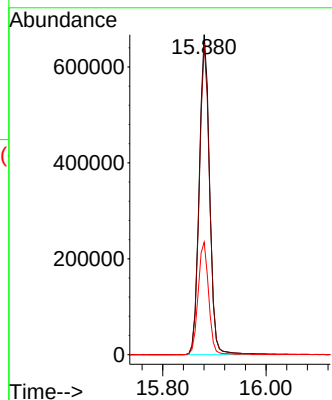
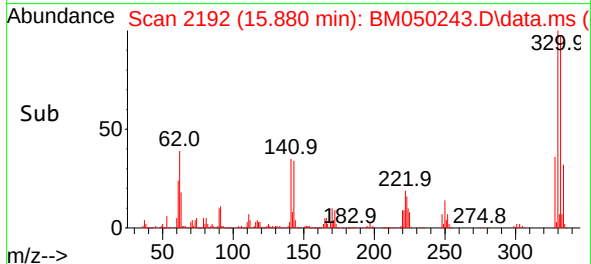


#42  
2,4,6-Tribromophenol  
Concen: 145.616 ng  
RT: 15.880 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM050243.D  
Acq: 09 Jun 2025 15:39

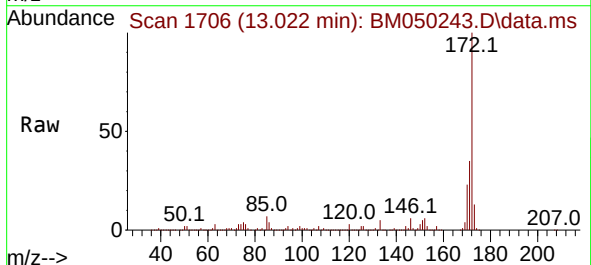
Instrument :  
BNA\_M  
ClientSampleId :



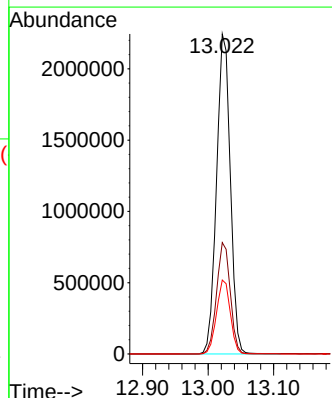
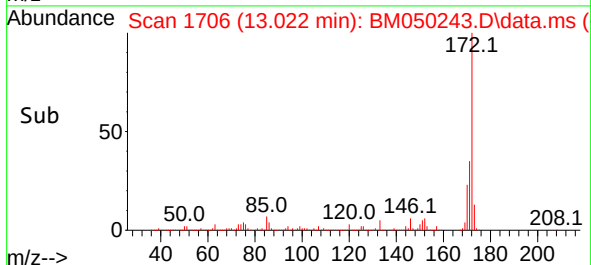
Tgt Ion:330 Resp: 929059  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.5 116.3  
141 35.5 28.8 43.2

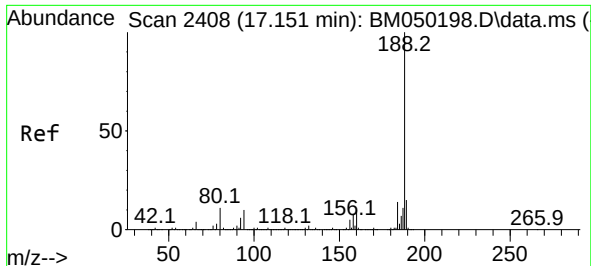


#45  
2-Fluorobiphenyl  
Concen: 78.642 ng  
RT: 13.022 min Scan# 1706  
Delta R.T. -0.006 min  
Lab File: BM050243.D  
Acq: 09 Jun 2025 15:39



Tgt Ion:172 Resp: 3258348  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.6  
170 23.1 18.6 27.8

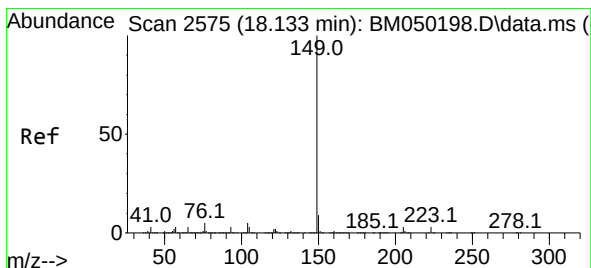
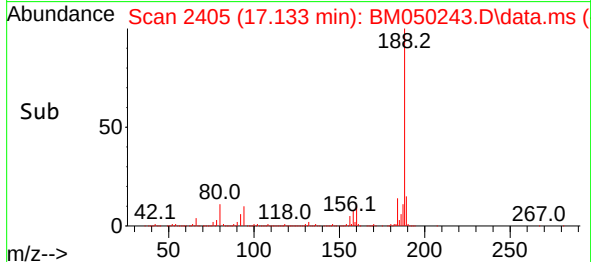
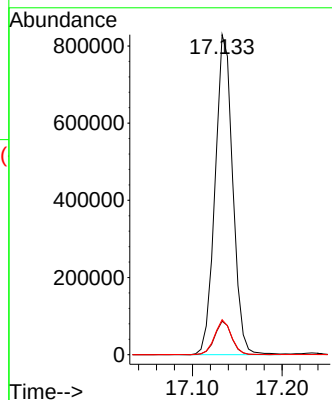
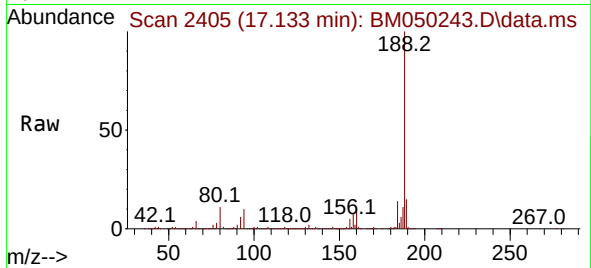




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.133 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BM050243.D  
Acq: 09 Jun 2025 15:39

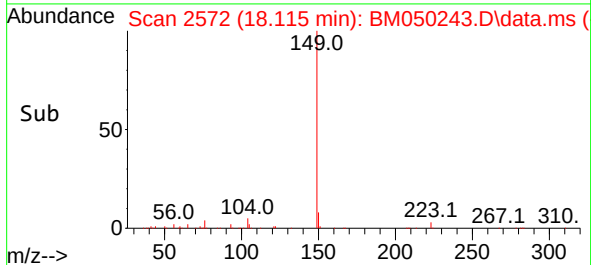
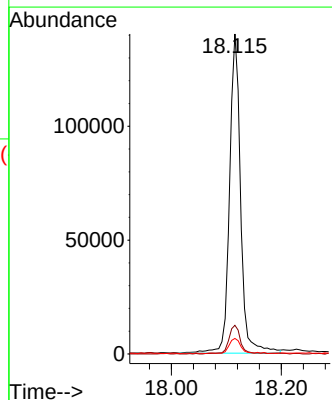
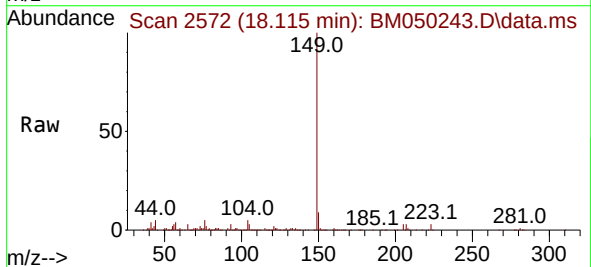
Instrument :  
BNA\_M  
ClientSampleId :

Tgt Ion:188 Resp: 1131568  
Ion Ratio Lower Upper  
188 100  
94 10.5 8.1 12.1  
80 11.0 8.6 13.0

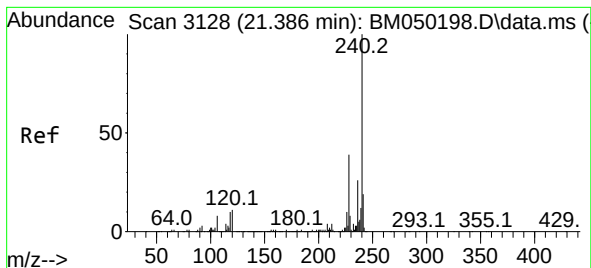


#74  
Di-n-butylphthalate  
Concen: 3.061 ng  
RT: 18.115 min Scan# 2572  
Delta R.T. 0.000 min  
Lab File: BM050243.D  
Acq: 09 Jun 2025 15:39

Tgt Ion:149 Resp: 196233  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.4 11.0  
104 4.9 4.0 6.0







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.368 min Scan# 3128

Delta R.T. -0.006 min

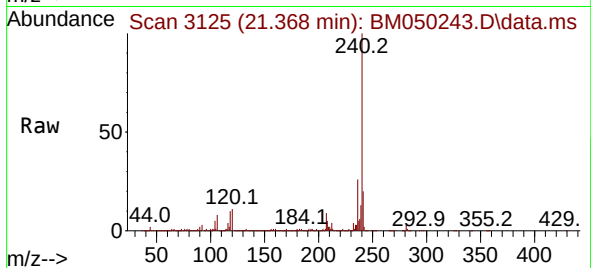
Lab File: BM050243.D

Acq: 09 Jun 2025 15:39

Instrument :

BNA\_M

ClientSampleId :



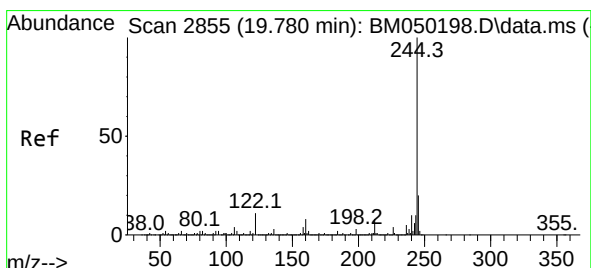
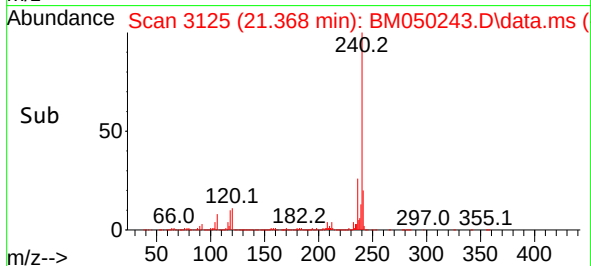
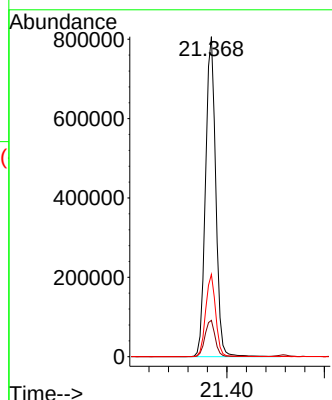
Tgt Ion:240 Resp: 1170195

Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.7 20.7 31.1



#79

Terphenyl-d14

Concen: 77.138 ng

RT: 19.762 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BM050243.D

Acq: 09 Jun 2025 15:39

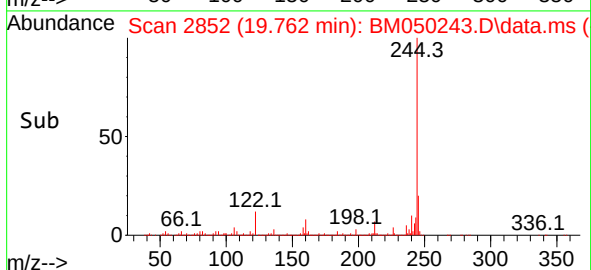
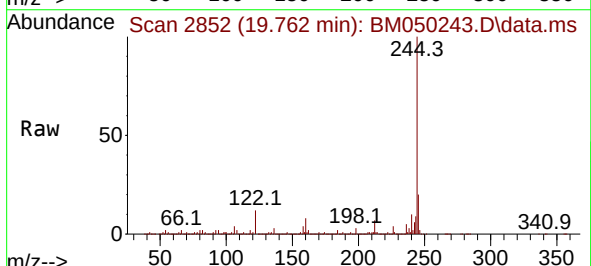
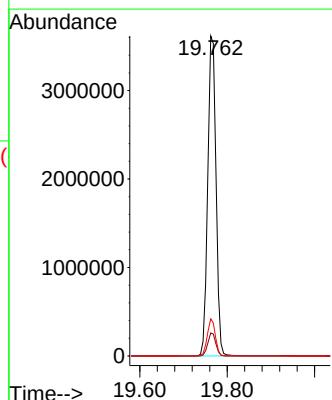
Tgt Ion:244 Resp: 4763358

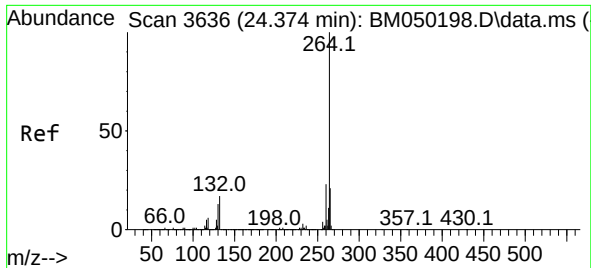
Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

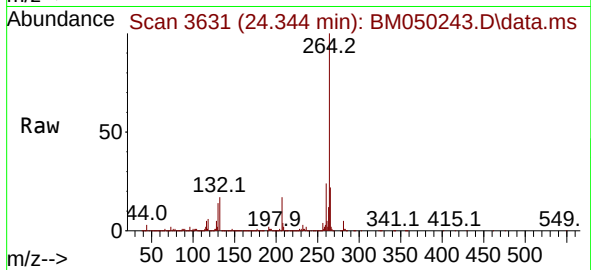
122 11.6 8.6 12.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.344 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: BM050243.D  
 Acq: 09 Jun 2025 15:39

Instrument :  
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Tgt Ion:264 Resp: 1198696  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.6 28.0  
 265 21.5 16.8 25.2

