

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070925\  
 Data File : BM050386.D  
 Acq On : 08 Jul 2025 19:26  
 Operator : RC/JU  
 Sample : PB168722BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB168722BL

Quant Time: Jul 09 01:23:40 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM070925.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 08 18:32:25 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.863  | 152  | 382183   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.663 | 136  | 1359559  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.492 | 164  | 818558   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.227 | 188  | 1574168  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.451 | 240  | 1497729  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.486 | 264  | 1548319  | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.440  | 112  | 3146477  | 141.715 | ng    | 0.00     |
| 7) Phenol-d6                | 7.022  | 99   | 3817161  | 136.380 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.016  | 82   | 2230922  | 83.716  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.974 | 330  | 1402892  | 141.057 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.122 | 172  | 5587927  | 84.303  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.839 | 244  | 8838637  | 103.832 | ng    | 0.00     |

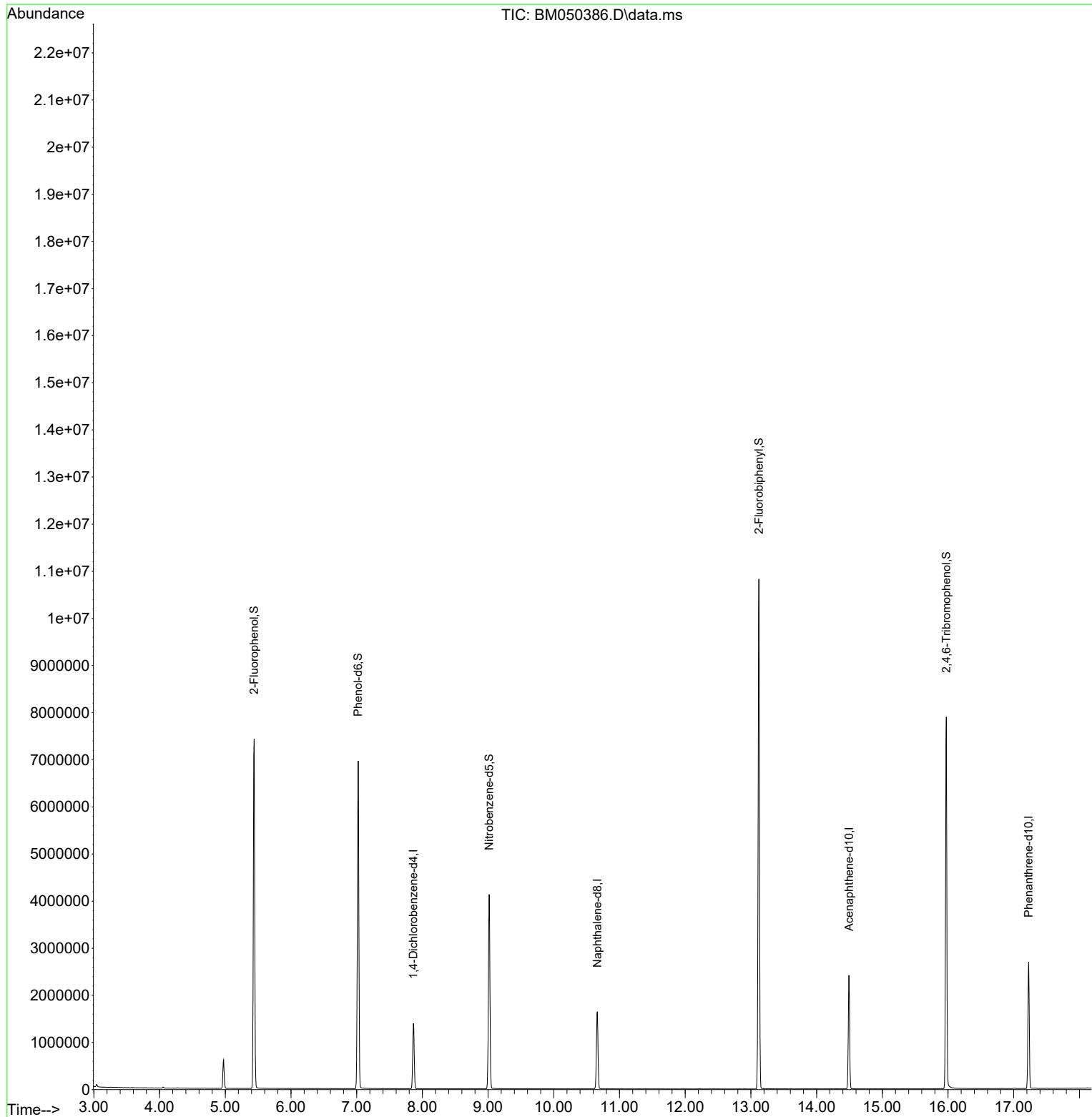
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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PB168722BL

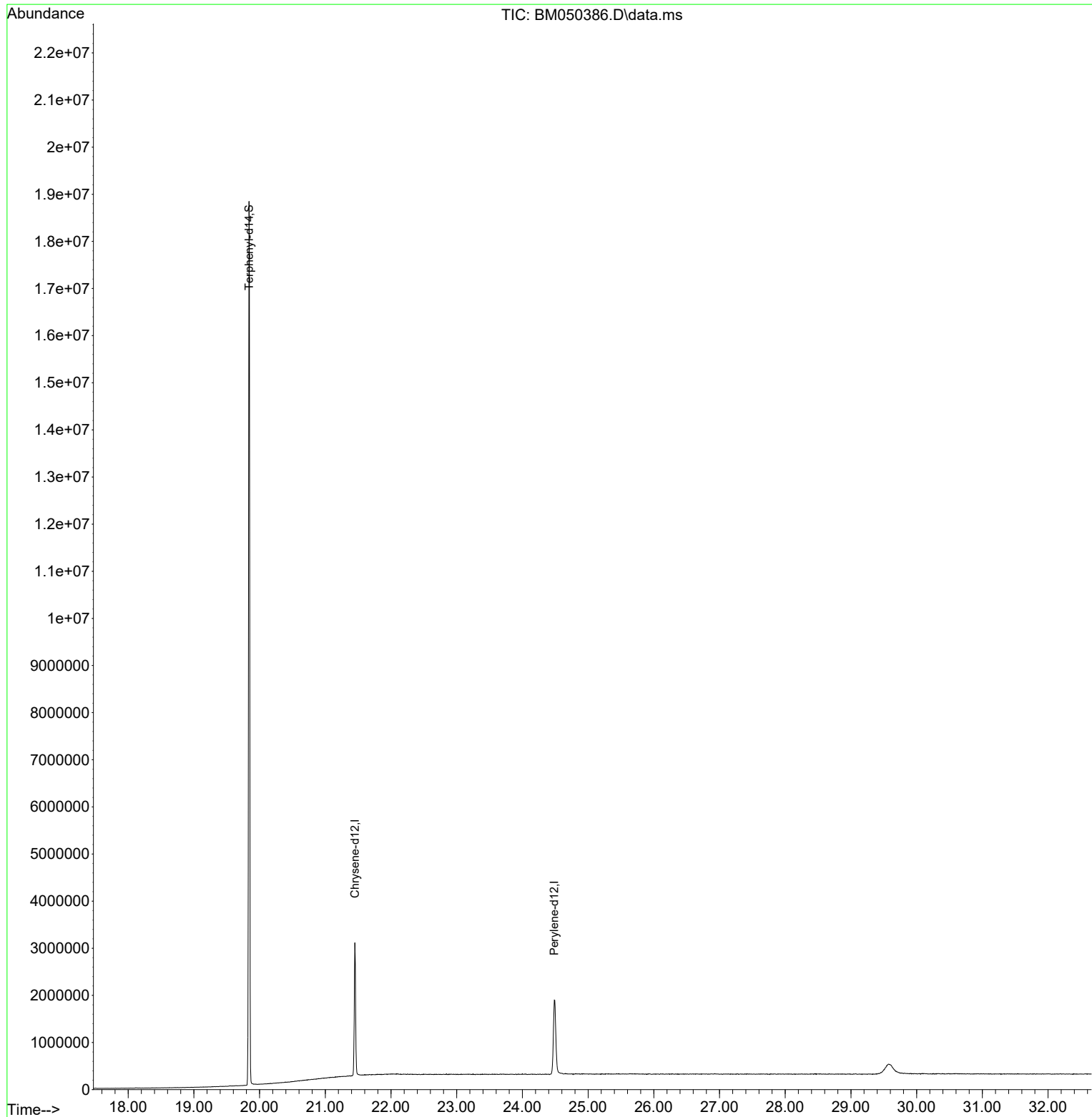
Quant Time: Jul 09 01:23:40 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM070925.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 08 18:32:25 2025  
Response via : Initial Calibration

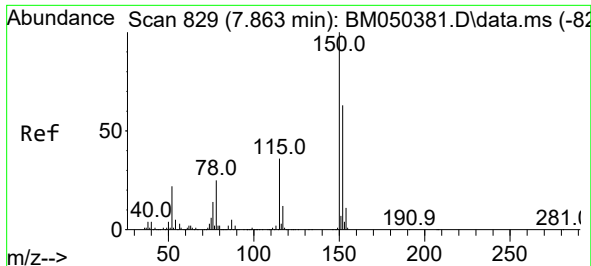


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM070925\  
Data File : BM050386.D  
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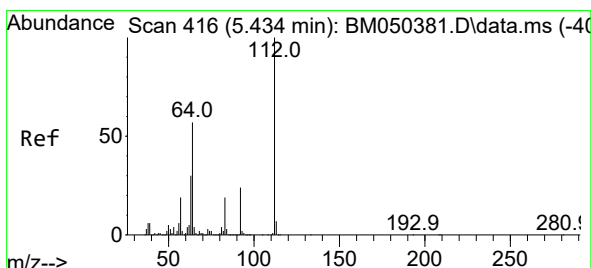
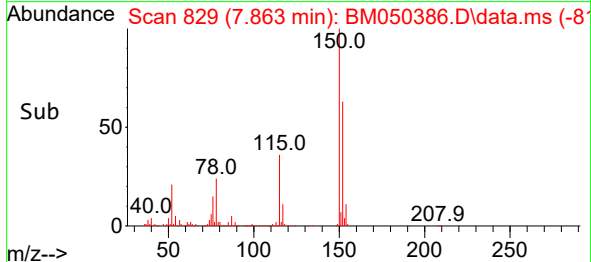
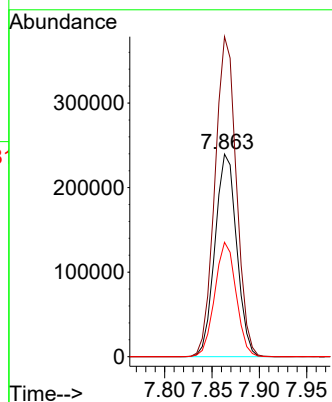
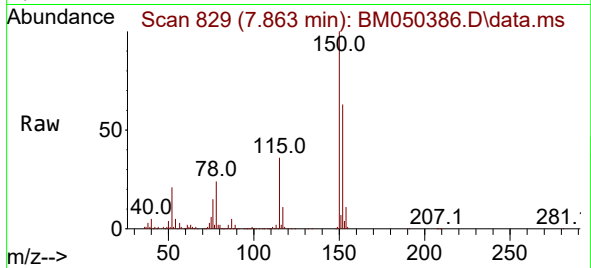




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.863 min Scan# 81  
Delta R.T. 0.000 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

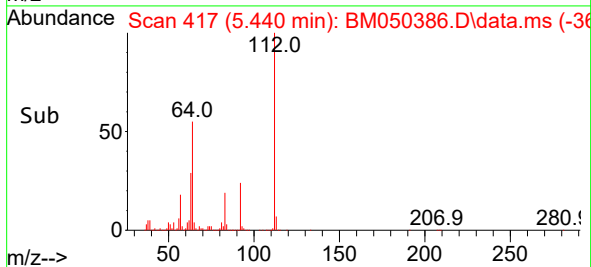
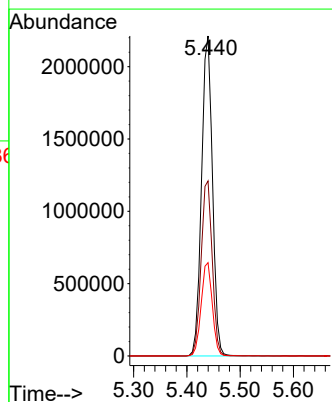
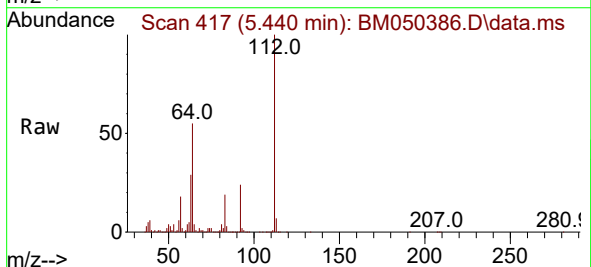
Instrument :  
BNA\_M  
ClientSampleId :  
PB168722BL

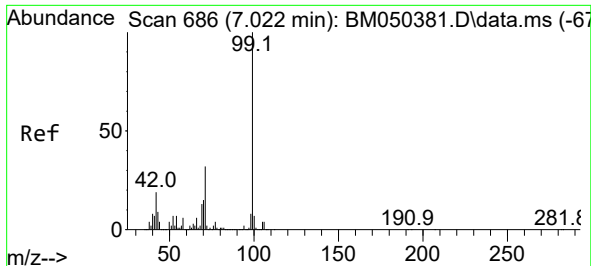
Tgt Ion:152 Resp: 382183  
Ion Ratio Lower Upper  
152 100  
150 157.9 126.2 189.4  
115 56.5 45.8 68.8



#5  
2-Fluorophenol  
Concen: 141.715 ng  
RT: 5.440 min Scan# 417  
Delta R.T. 0.006 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

Tgt Ion:112 Resp: 3146477  
Ion Ratio Lower Upper  
112 100  
64 54.7 45.5 68.3  
63 29.1 24.2 36.4

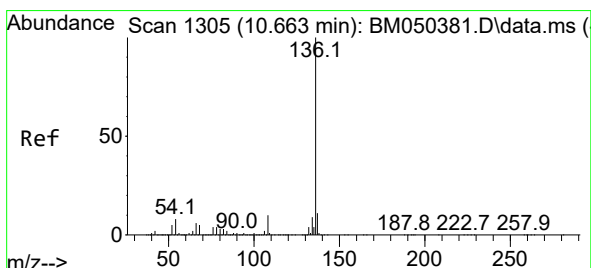
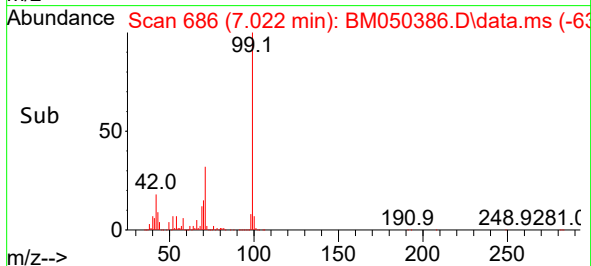
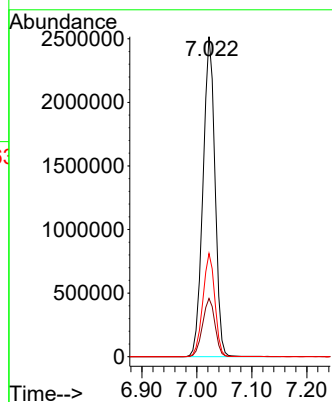
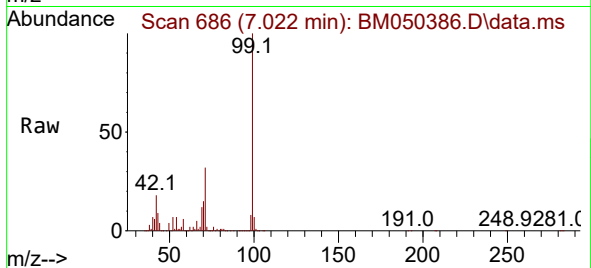




#7  
Phenol-d6  
Concen: 136.380 ng  
RT: 7.022 min Scan# 686  
Delta R.T. 0.000 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

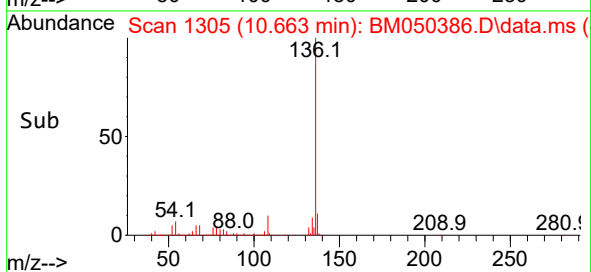
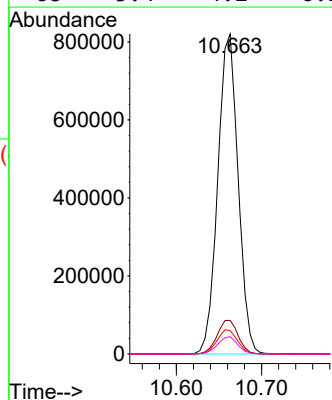
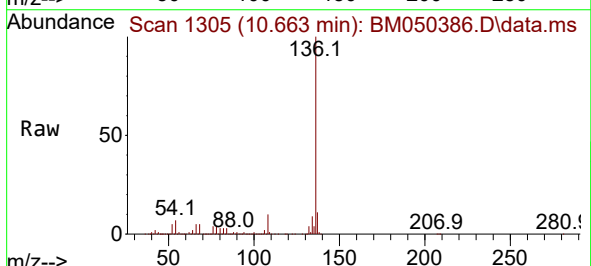
Instrument :  
BNA\_M  
ClientSampleId :  
PB168722BL

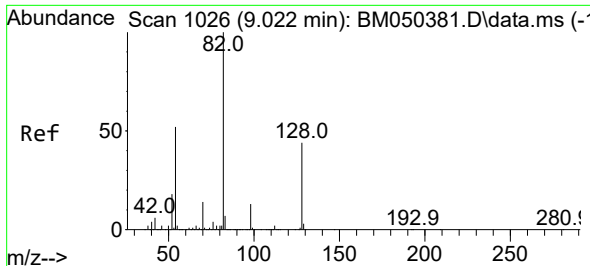
Tgt Ion: 99 Resp: 3817161  
Ion Ratio Lower Upper  
99 100  
42 18.2 15.0 22.6  
71 32.3 25.9 38.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.663 min Scan# 1305  
Delta R.T. 0.000 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

Tgt Ion: 136 Resp: 1359559  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.8 13.2  
54 7.3 6.3 9.5  
68 5.4 4.2 6.2

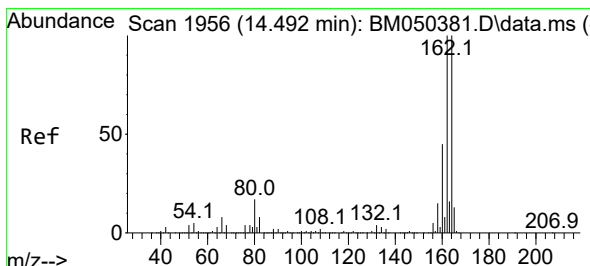
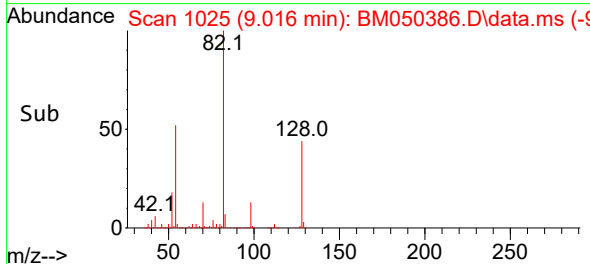
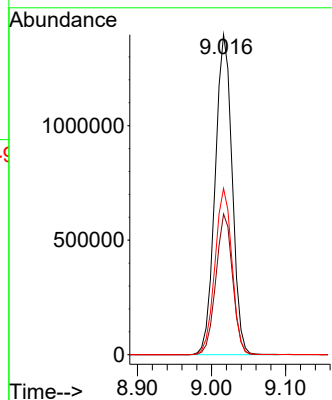
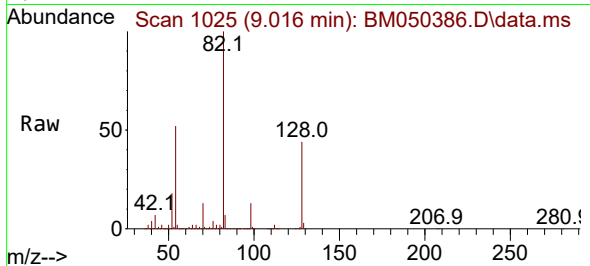




#23  
Nitrobenzene-d5  
Concen: 83.716 ng  
RT: 9.016 min Scan# 1025  
Delta R.T. -0.006 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

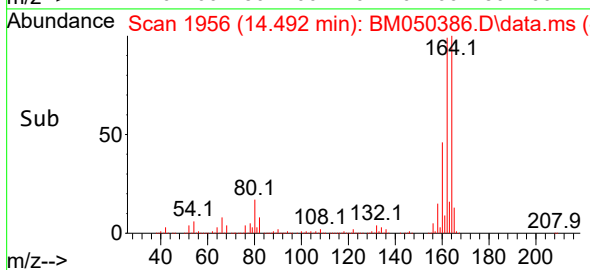
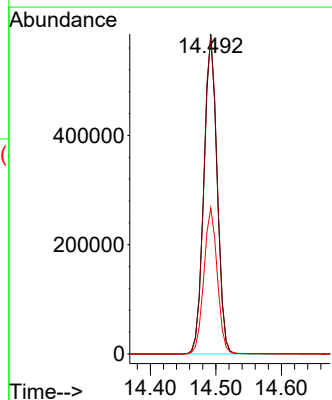
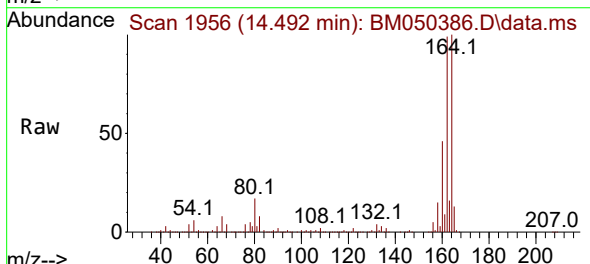
Instrument :  
BNA\_M  
ClientSampleId :  
PB168722BL

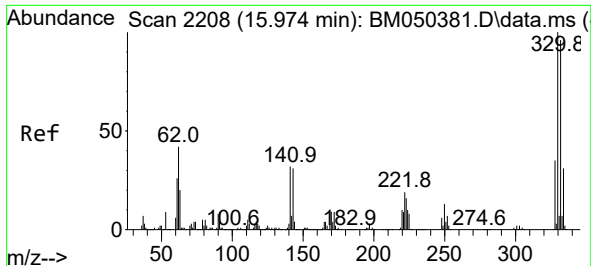
Tgt Ion: 82 Resp: 2230922  
Ion Ratio Lower Upper  
82 100  
128 43.9 35.2 52.8  
54 51.9 41.5 62.3



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.492 min Scan# 1956  
Delta R.T. 0.000 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

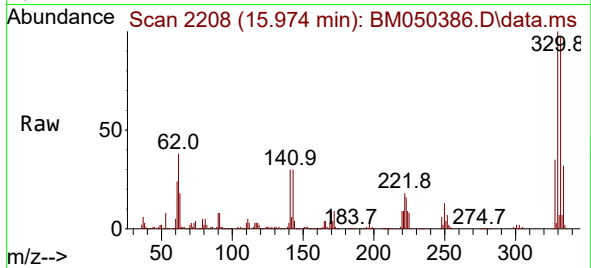
Tgt Ion: 164 Resp: 818558  
Ion Ratio Lower Upper  
164 100  
162 99.2 79.9 119.9  
160 45.7 36.2 54.4



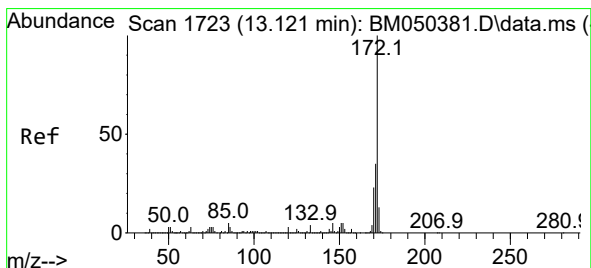
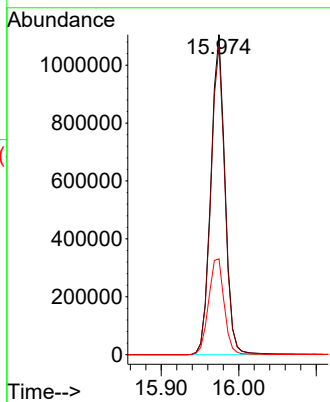
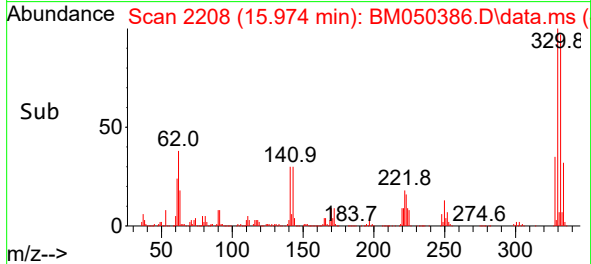


#42  
2,4,6-Tribromophenol  
Concen: 141.057 ng  
RT: 15.974 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

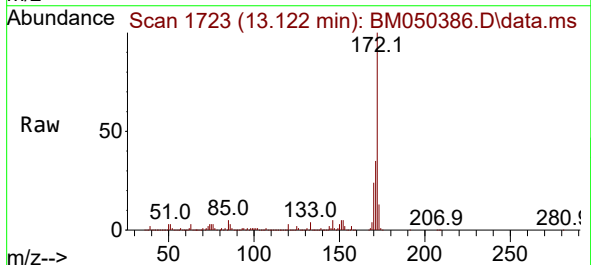
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ClientSampleId :  
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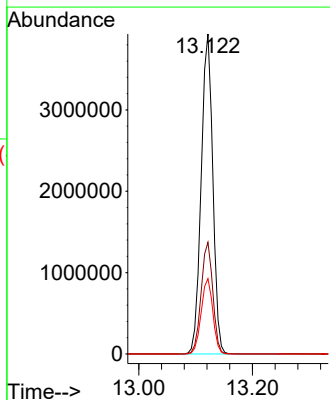
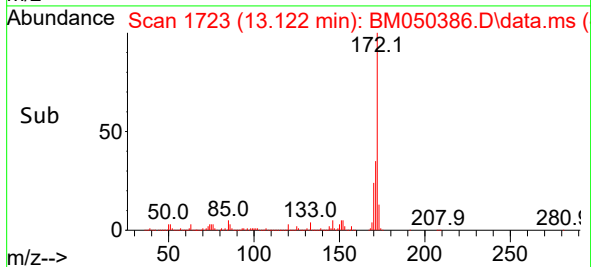
Tgt Ion:330 Resp: 1402892  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.9 115.3  
141 33.2 27.4 41.0

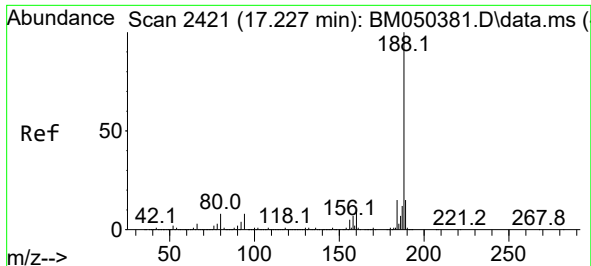


#45  
2-Fluorobiphenyl  
Concen: 84.303 ng  
RT: 13.122 min Scan# 1723  
Delta R.T. 0.000 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26



Tgt Ion:172 Resp: 5587927  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.7 41.5  
170 23.6 18.8 28.2

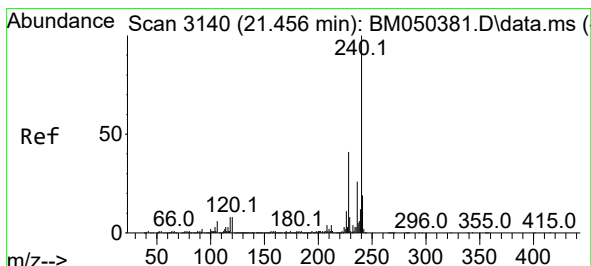
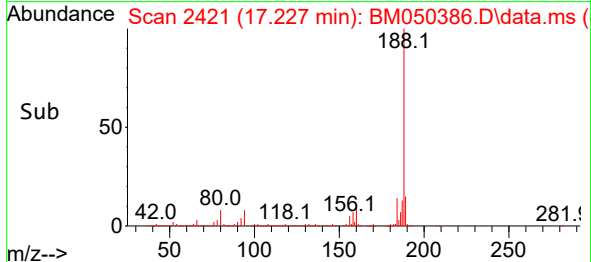
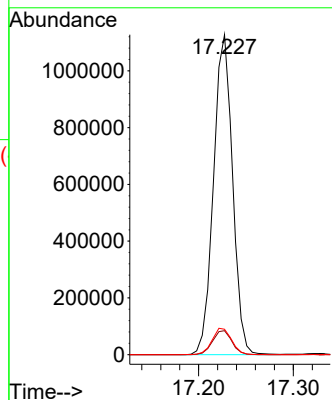
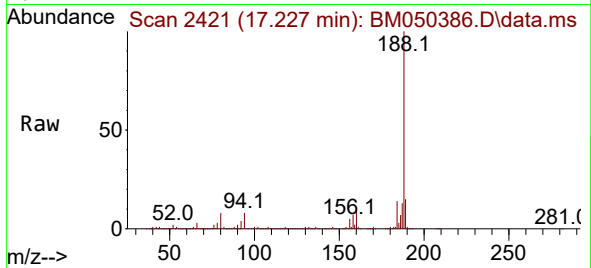




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.227 min Scan# 2421  
Delta R.T. 0.000 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

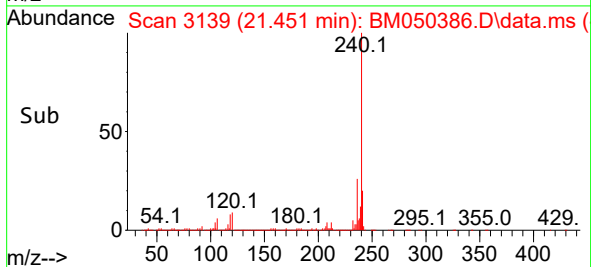
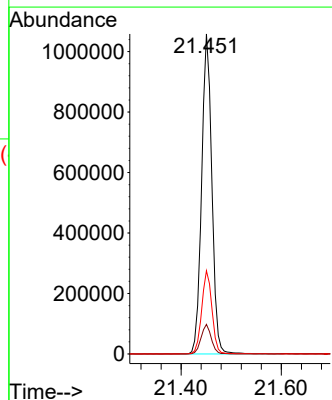
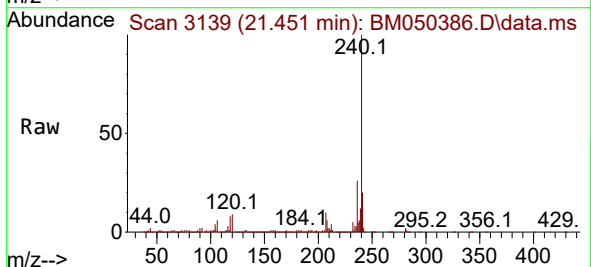
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BNA\_M  
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PB168722BL

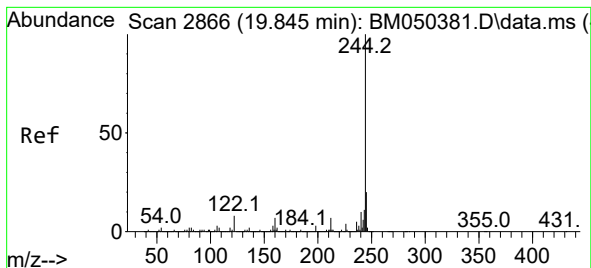
Tgt Ion:188 Resp: 1574168  
Ion Ratio Lower Upper  
188 100  
94 7.5 6.0 9.0  
80 7.9 6.5 9.7



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.451 min Scan# 3139  
Delta R.T. -0.006 min  
Lab File: BM050386.D  
Acq: 08 Jul 2025 19:26

Tgt Ion:240 Resp: 1497729  
Ion Ratio Lower Upper  
240 100  
120 9.2 6.7 10.1  
236 26.0 20.7 31.1





#79

Terphenyl-d14

Concen: 103.832 ng

RT: 19.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050386.D

Acq: 08 Jul 2025 19:26

Instrument :

BNA\_M

ClientSampleId :

PB168722BL

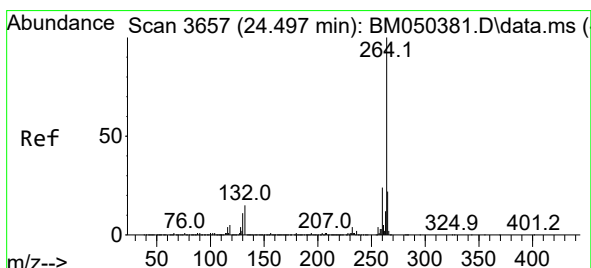
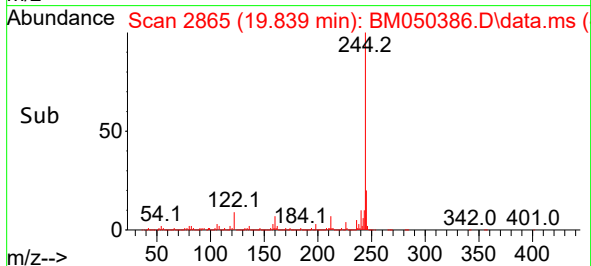
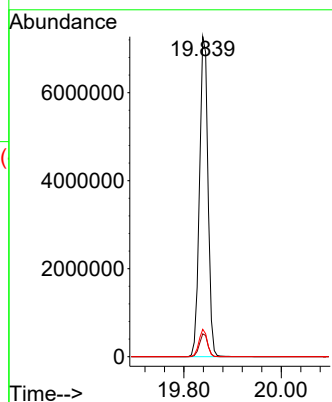
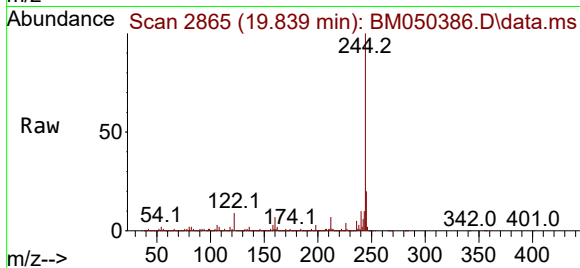
Tgt Ion:244 Resp: 8838637

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

122 8.6 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.486 min Scan# 3655

Delta R.T. -0.012 min

Lab File: BM050386.D

Acq: 08 Jul 2025 19:26

Tgt Ion:264 Resp: 1548319

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.9 17.8 26.6

