

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050825\  
 Data File : BM050141.D  
 Acq On : 08 May 2025 11:21  
 Operator : RC/JU  
 Sample : PB167889BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167889BL

Quant Time: May 08 12:15:28 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   | 7.739  | 152  | 284899   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.539 | 136  | 988666   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.392 | 164  | 615934   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.145 | 188  | 1138365  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.391 | 240  | 926404   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.385 | 264  | 1008661  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 2187119  | 134.427 | ng    | 0.00     |
| 7) Phenol-d6                | 6.934  | 99   | 2617121  | 127.981 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 1582925  | 78.895  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 1174696  | 128.983 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 4198005  | 80.628  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.768 | 244  | 5770748  | 92.176  | ng    | 0.00     |

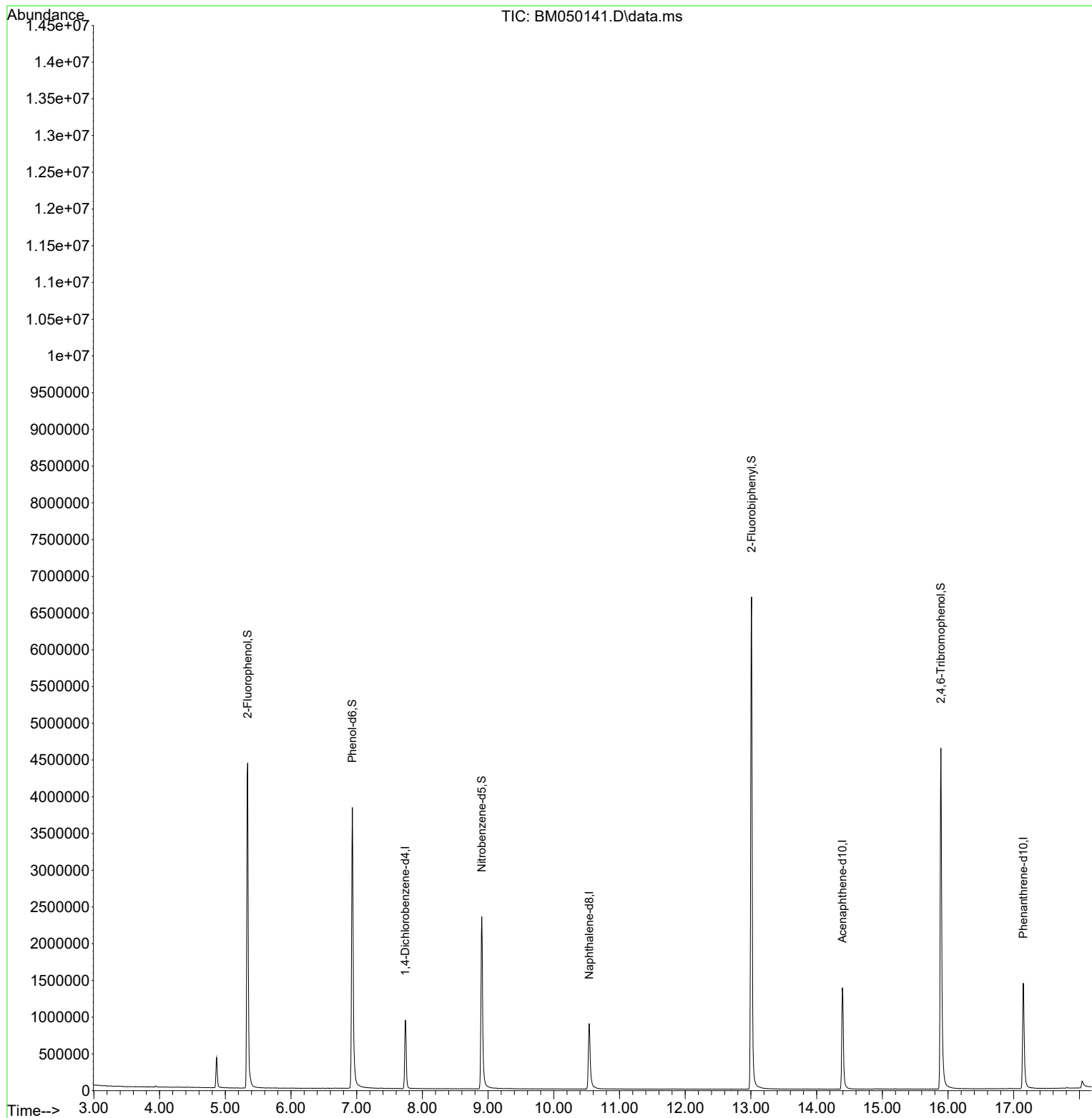
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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PB167889BL

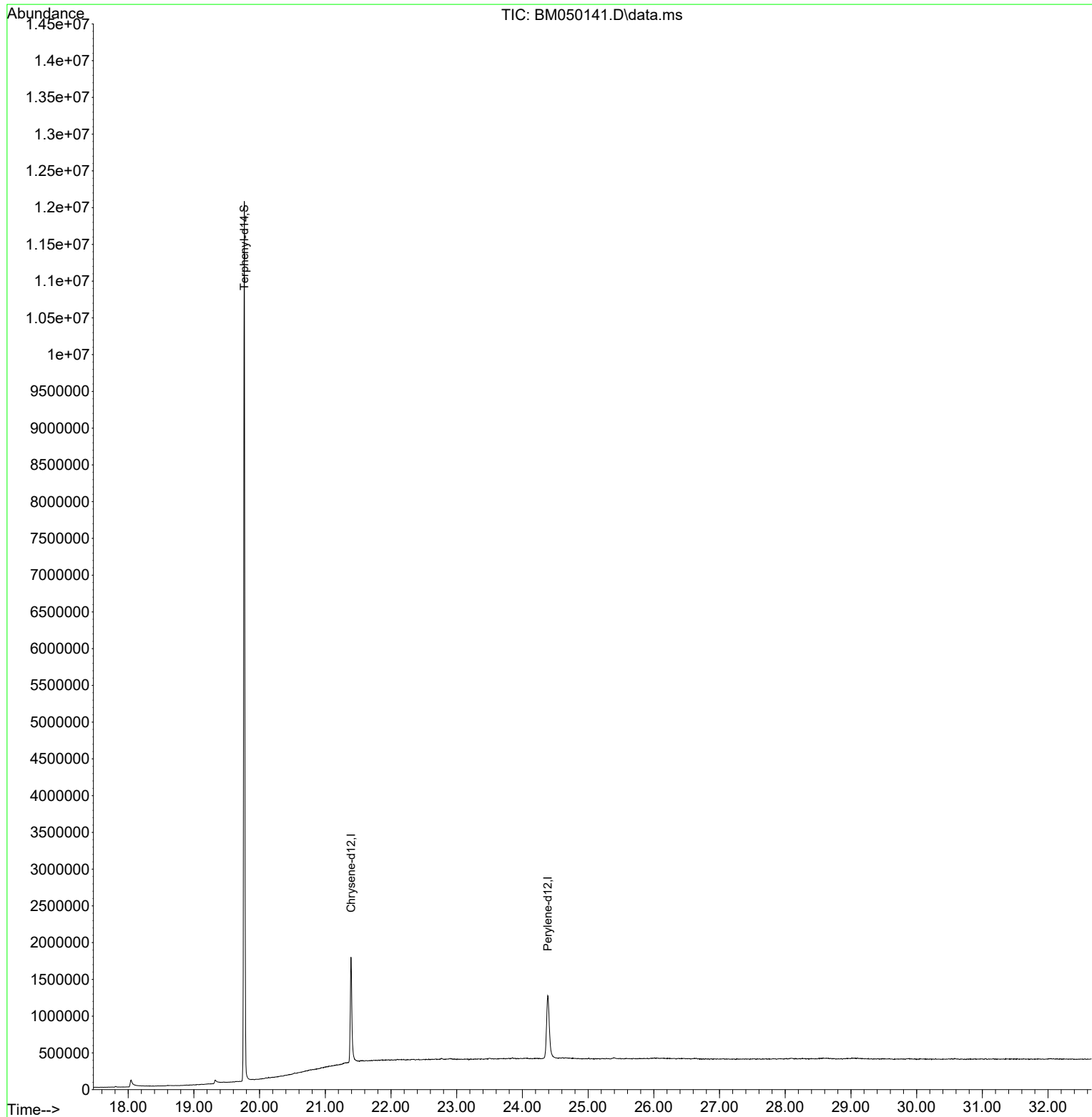
Quant Time: May 08 12:15:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 08 12:03:21 2025  
Response via : Initial Calibration

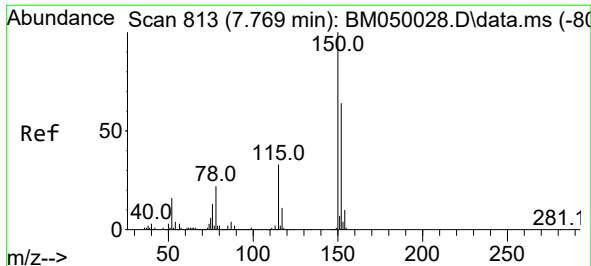


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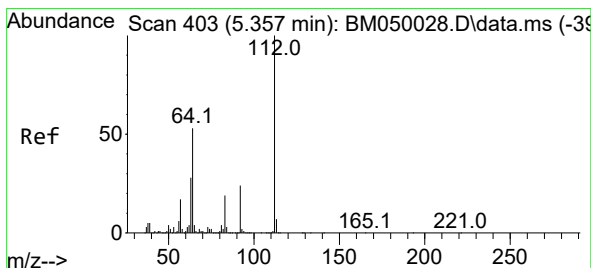
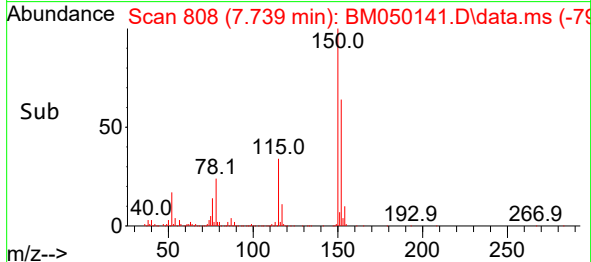
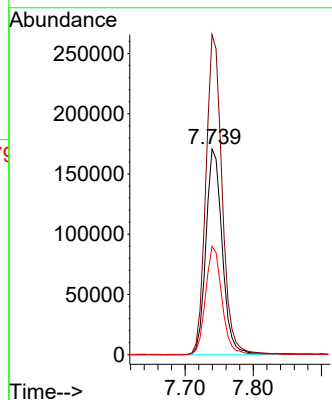
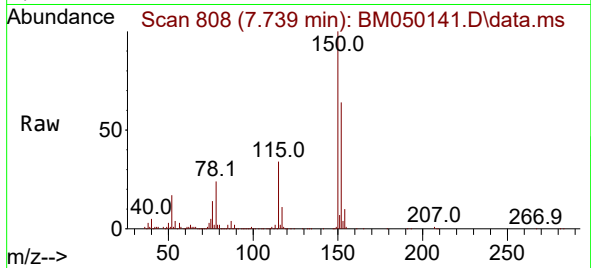




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.739 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BM050141.D  
Acq: 08 May 2025 11:21

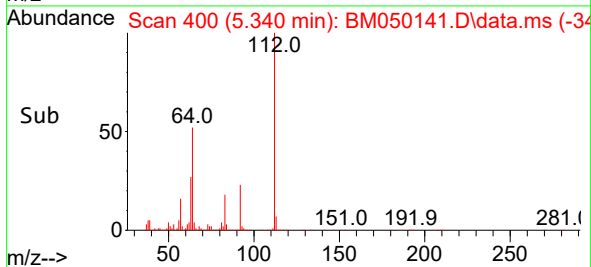
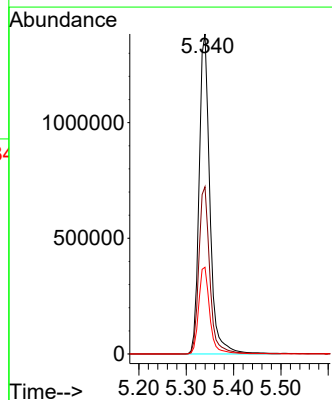
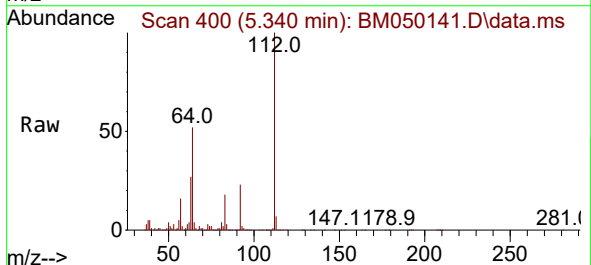
Instrument :  
BNA\_M  
ClientSampleId :  
PB167889BL

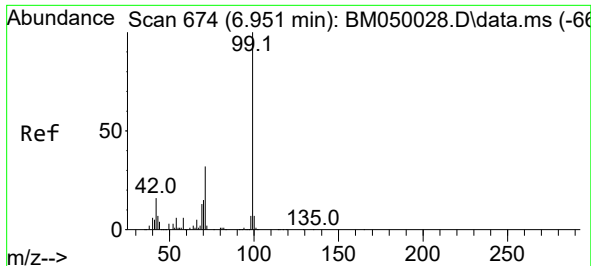
Tgt Ion:152 Resp: 284899  
Ion Ratio Lower Upper  
152 100  
150 155.6 124.1 186.1  
115 52.6 41.2 61.8



#5  
2-Fluorophenol  
Concen: 134.427 ng  
RT: 5.340 min Scan# 400  
Delta R.T. -0.000 min  
Lab File: BM050141.D  
Acq: 08 May 2025 11:21

Tgt Ion:112 Resp: 2187119  
Ion Ratio Lower Upper  
112 100  
64 52.2 42.6 64.0  
63 27.1 22.2 33.4

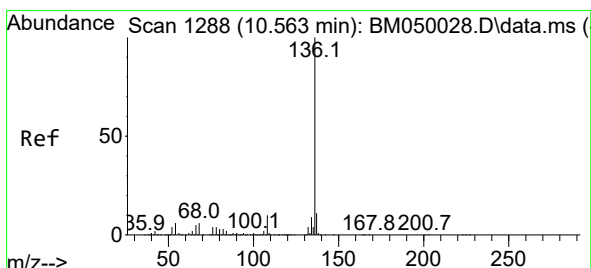
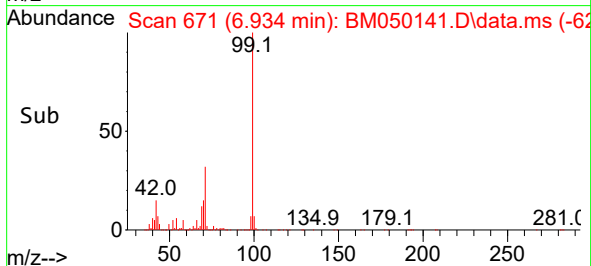
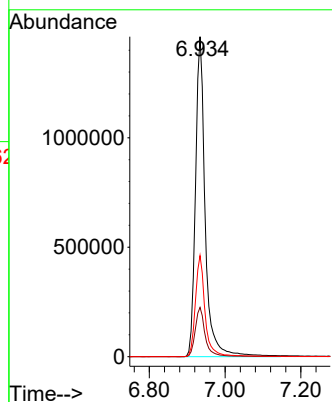
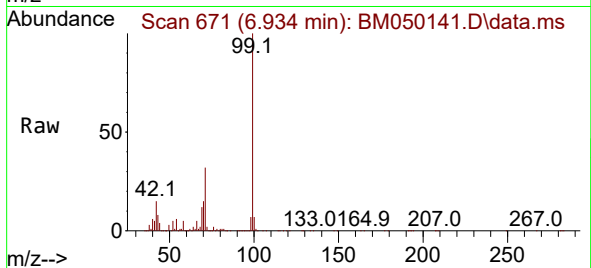




#7  
Phenol-d6  
Concen: 127.981 ng  
RT: 6.934 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM050141.D  
Acq: 08 May 2025 11:21

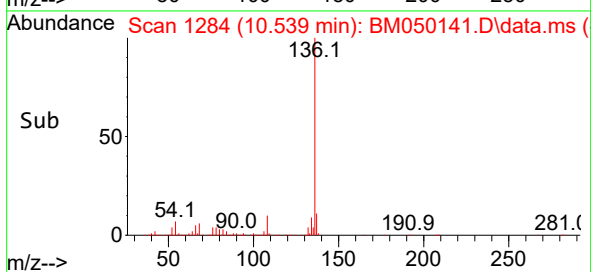
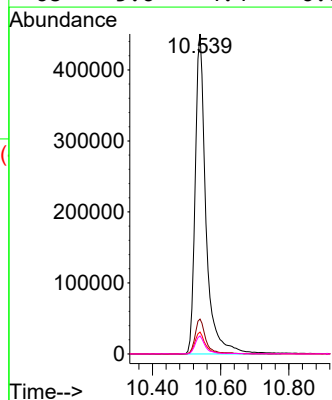
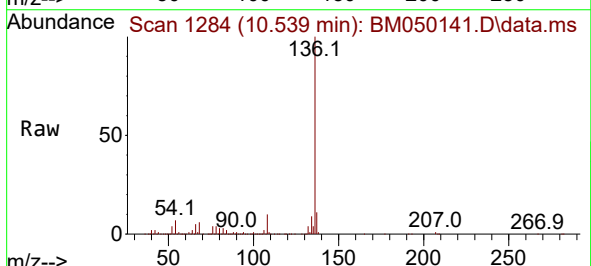
Instrument :  
BNA\_M  
ClientSampleId :  
PB167889BL

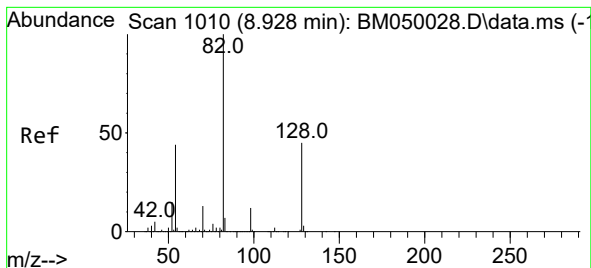
Tgt Ion: 99 Resp: 2617121  
Ion Ratio Lower Upper  
99 100  
42 15.4 13.0 19.4  
71 31.6 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.539 min Scan# 1284  
Delta R.T. 0.006 min  
Lab File: BM050141.D  
Acq: 08 May 2025 11:21

Tgt Ion: 136 Resp: 988666  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 6.9 5.1 7.7  
68 5.6 4.4 6.6

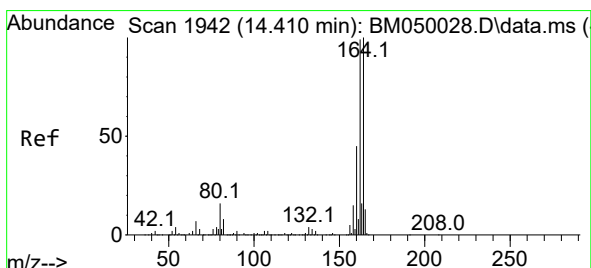
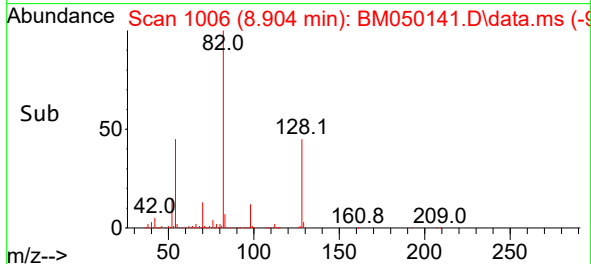
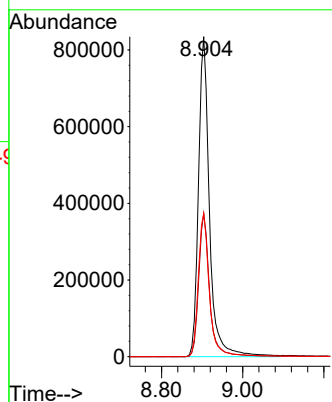
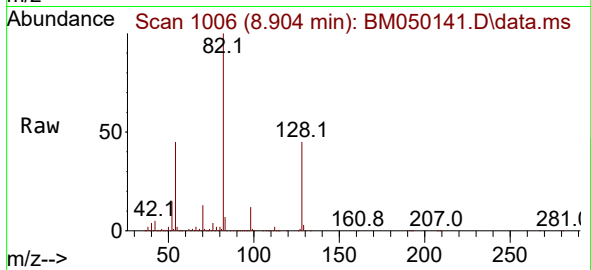




#23  
Nitrobenzene-d5  
Concen: 78.895 ng  
RT: 8.904 min Scan# 1006  
Delta R.T. -0.000 min  
Lab File: BM050141.D  
Acq: 08 May 2025 11:21

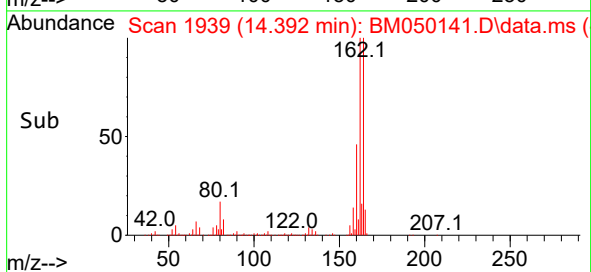
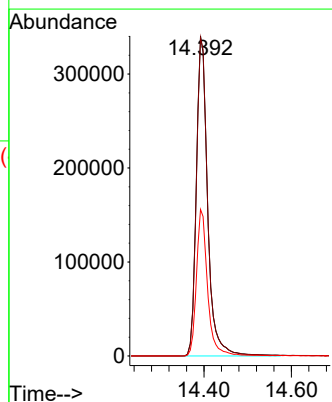
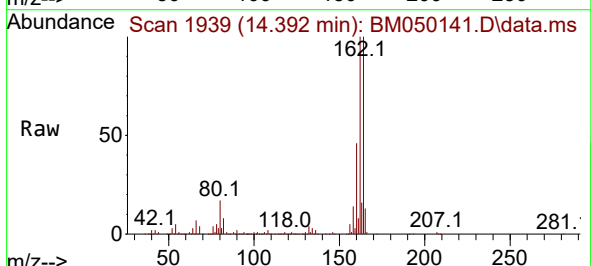
Instrument :  
BNA\_M  
ClientSampleId :  
PB167889BL

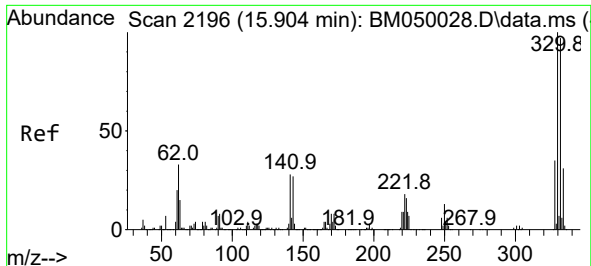
Tgt Ion: 82 Resp: 1582925  
Ion Ratio Lower Upper  
82 100  
128 44.7 35.7 53.5  
54 44.8 35.4 53.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.392 min Scan# 1939  
Delta R.T. -0.000 min  
Lab File: BM050141.D  
Acq: 08 May 2025 11:21

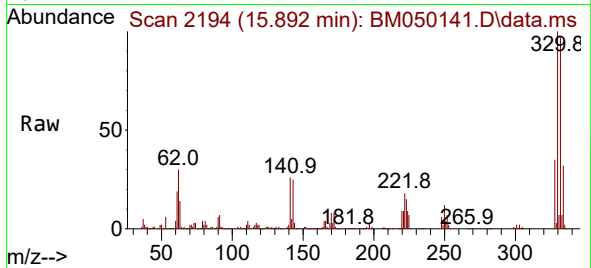
Tgt Ion: 164 Resp: 615934  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.4 119.0  
160 45.8 36.2 54.4



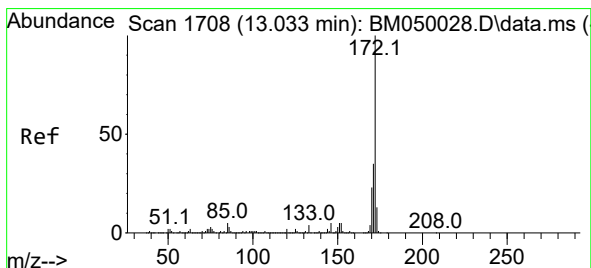
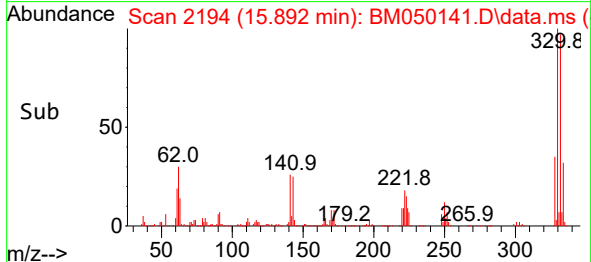
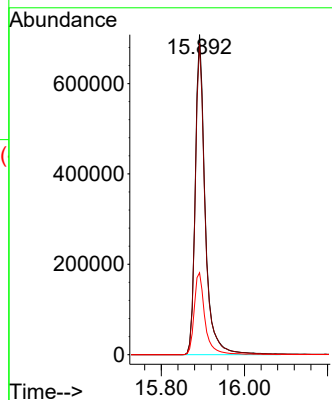


#42  
2,4,6-Tribromophenol  
Concen: 128.983 ng  
RT: 15.892 min Scan# 2194  
Delta R.T. -0.000 min  
Lab File: BM050141.D  
Acq: 08 May 2025 11:21

Instrument :  
BNA\_M  
ClientSampleId :  
PB167889BL

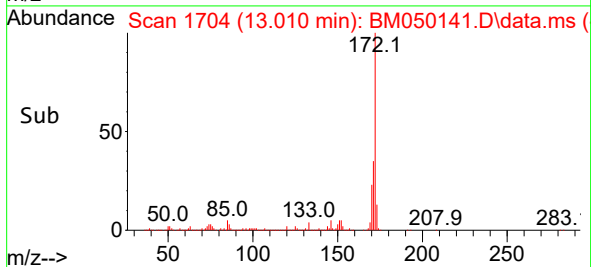
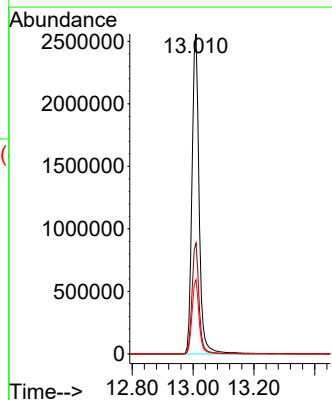
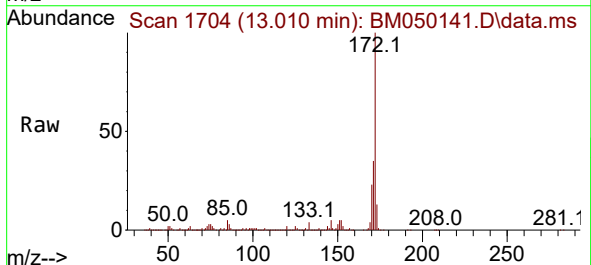


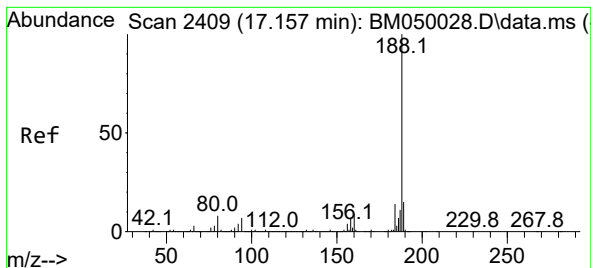
Tgt Ion:330 Resp: 1174696  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.3 115.9  
141 28.1 22.5 33.7



#45  
2-Fluorobiphenyl  
Concen: 80.628 ng  
RT: 13.010 min Scan# 1704  
Delta R.T. -0.000 min  
Lab File: BM050141.D  
Acq: 08 May 2025 11:21

Tgt Ion:172 Resp: 4198005  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.6  
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 2409

Delta R.T. 0.006 min

Lab File: BM050141.D

Acq: 08 May 2025 11:21

Instrument :

BNA\_M

ClientSampleId :

PB167889BL

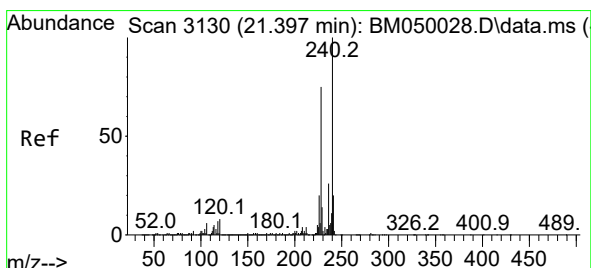
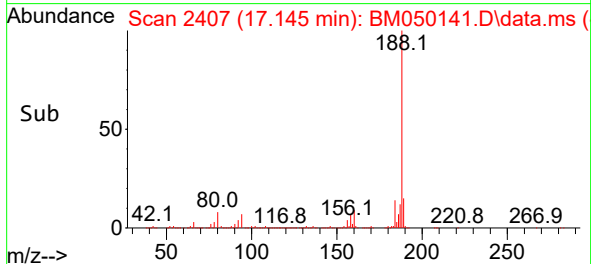
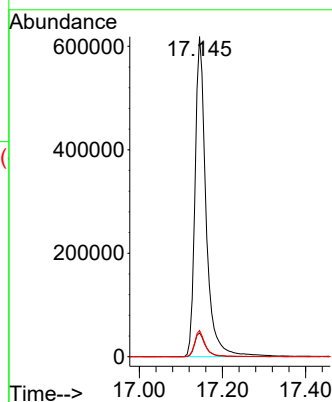
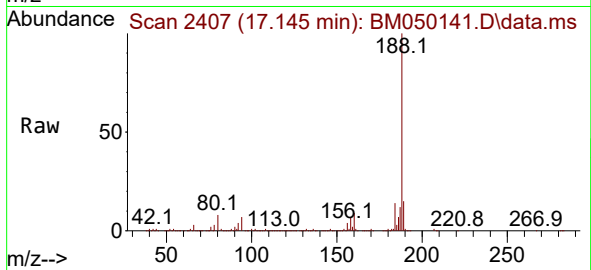
Tgt Ion:188 Resp: 1138365

Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 8.2 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.391 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BM050141.D

Acq: 08 May 2025 11:21

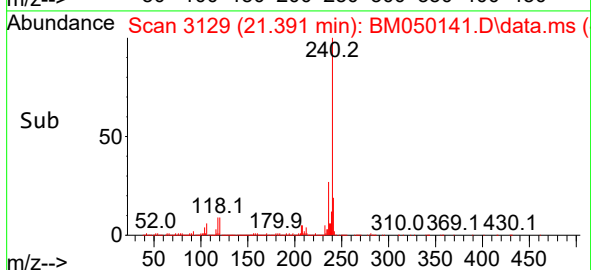
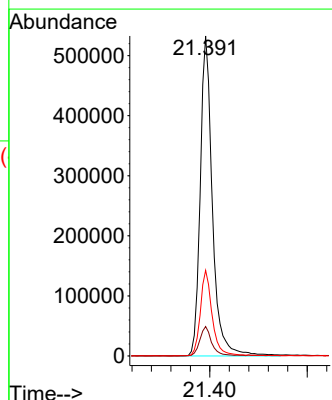
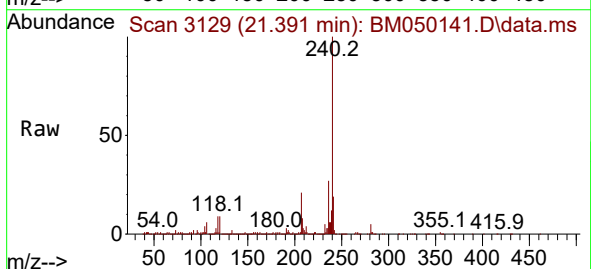
Tgt Ion:240 Resp: 926404

Ion Ratio Lower Upper

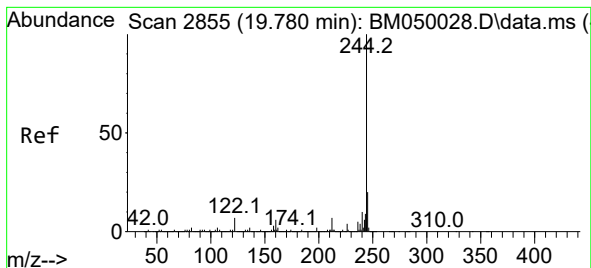
240 100

120 9.2 6.5 9.7

236 26.7 20.9 31.3







#79

Terphenyl-d14

Concen: 92.176 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM050141.D

Acq: 08 May 2025 11:21

Instrument :

BNA\_M

ClientSampleId :

PB167889BL

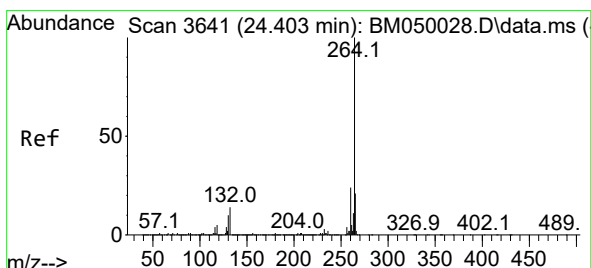
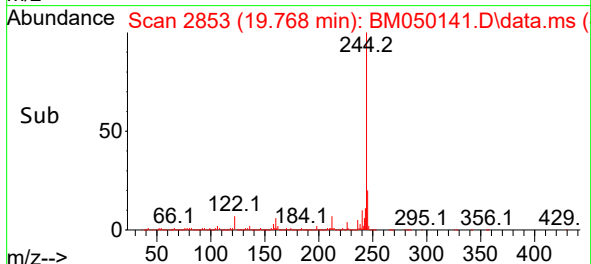
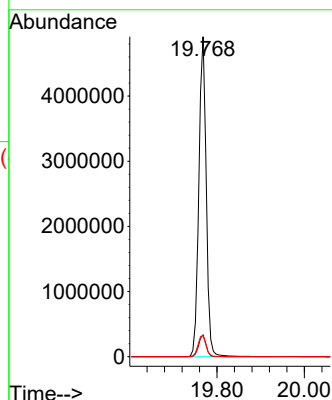
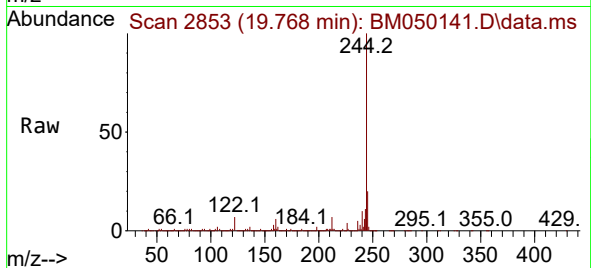
Tgt Ion:244 Resp: 5770748

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 6.7 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.385 min Scan# 3638

Delta R.T. 0.006 min

Lab File: BM050141.D

Acq: 08 May 2025 11:21

Tgt Ion:264 Resp: 1008661

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.7 17.0 25.4

