

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050825\  
 Data File : BM050144.D  
 Acq On : 08 May 2025 13:18  
 Operator : RC/JU  
 Sample : PB167851TB  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167851TB

Quant Time: May 08 13:56:10 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  | 268901   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.539 | 136  | 924573   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.392 | 164  | 584707   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.145 | 188  | 1073026  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.392 | 240  | 900723   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.386 | 264  | 1000410  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 2157102  | 140.470 | ng    | 0.00     |
| 7) Phenol-d6                | 6.934  | 99   | 2565613  | 132.927 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 1555056  | 82.879  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 1145050  | 132.442 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 4119633  | 83.349  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.768 | 244  | 5847768  | 96.069  | ng    | 0.00     |

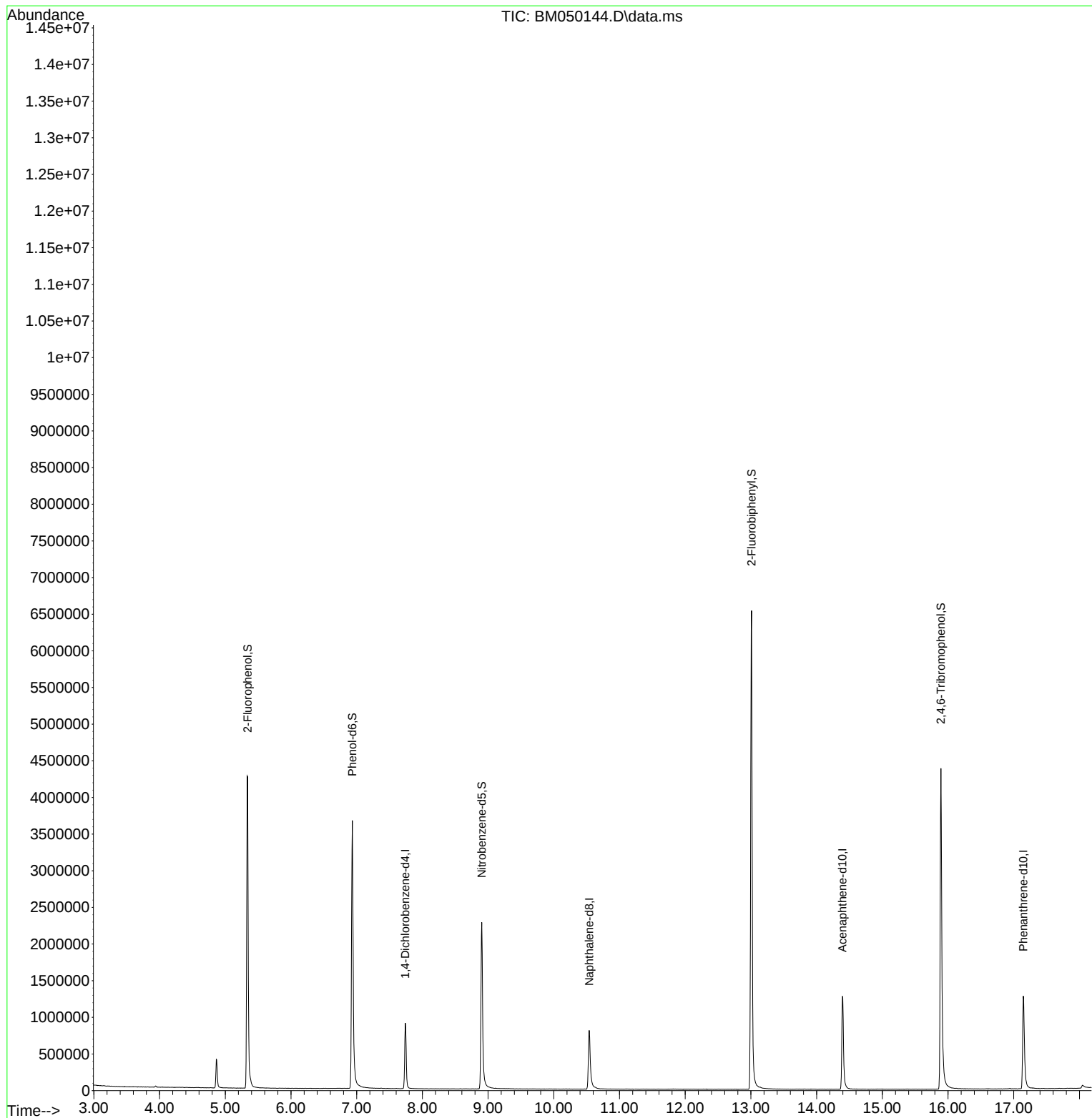
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050825\  
Data File : BM050144.D  
Acq On : 08 May 2025 13:18  
Operator : RC/JU  
Sample : PB167851TB  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB167851TB

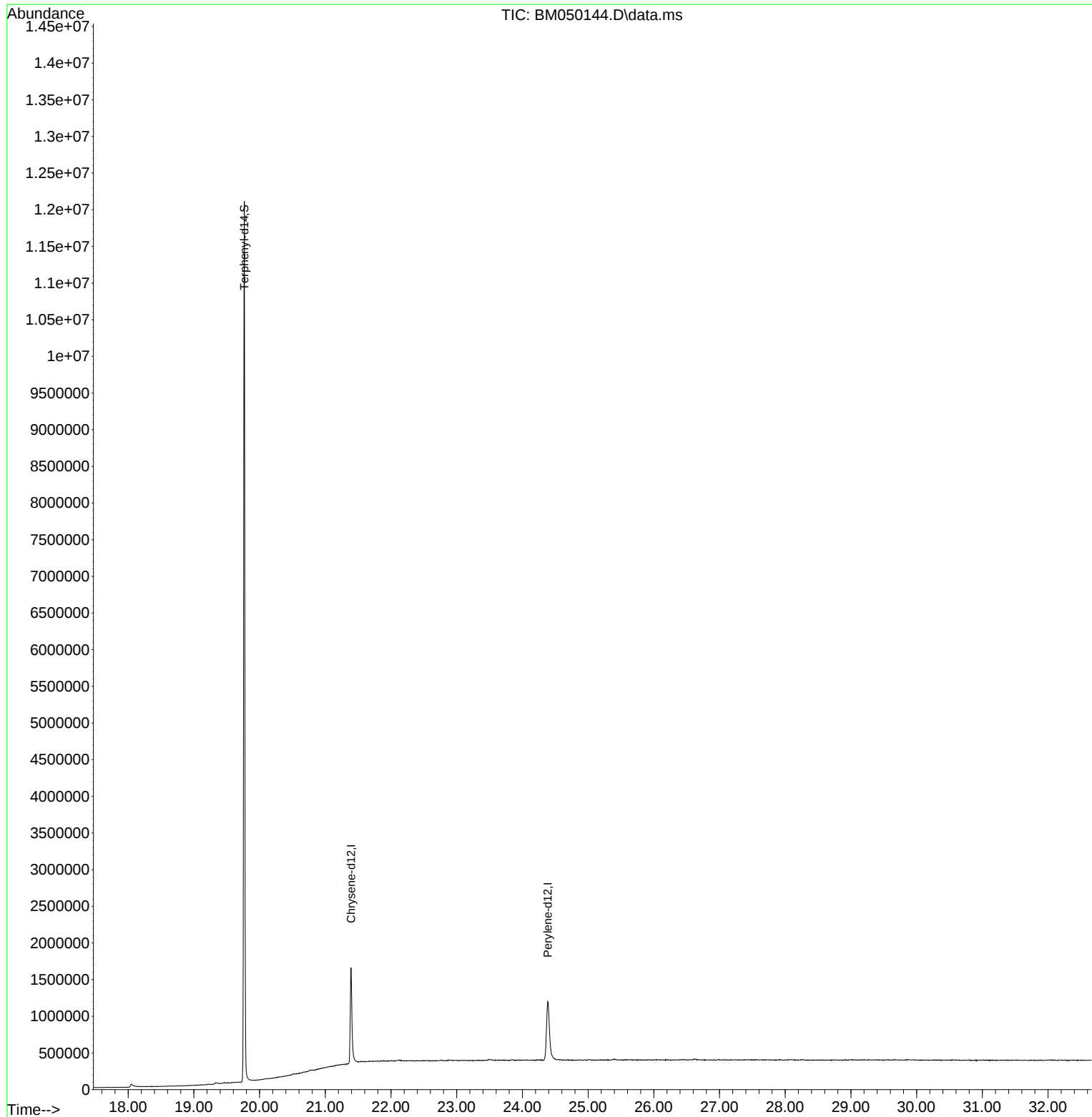
Quant Time: May 08 13:56:10 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 08 12:03:21 2025  
Response via : Initial Calibration

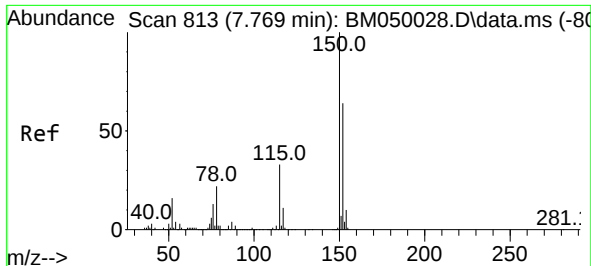


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050825\  
Data File : BM050144.D  
Acq On : 08 May 2025 13:18  
Operator : RC/JU  
Sample : PB167851TB  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB167851TB

Quant Time: May 08 13:56:10 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

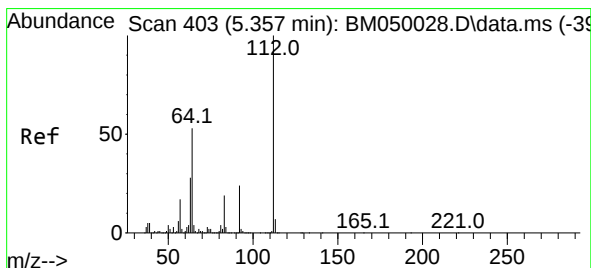
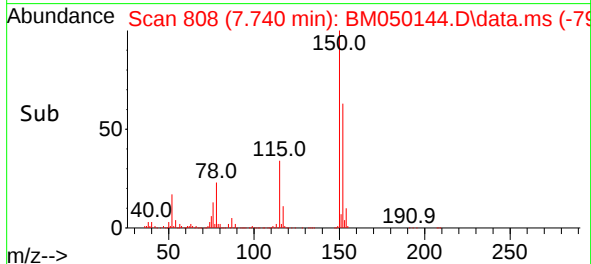
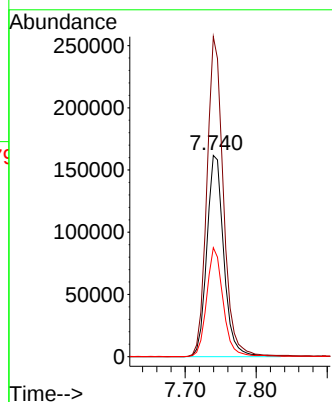
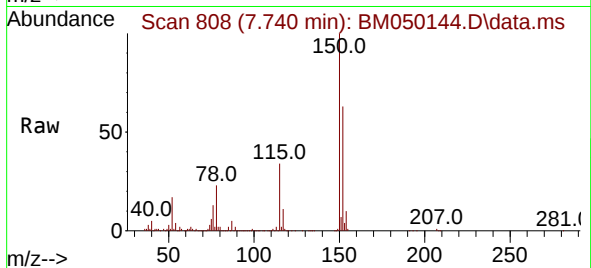




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.740 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: BM050144.D  
Acq: 08 May 2025 13:18

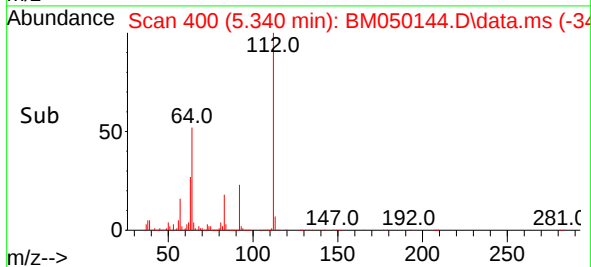
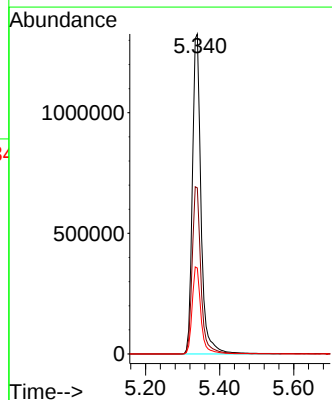
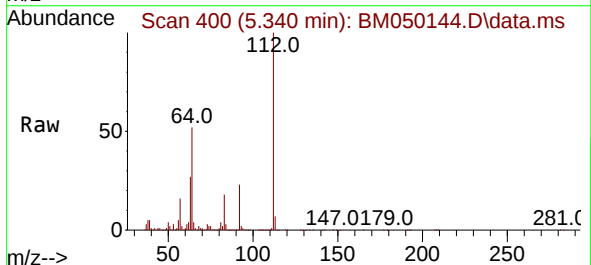
Instrument :  
BNA\_M  
ClientSampleId :  
PB167851TB

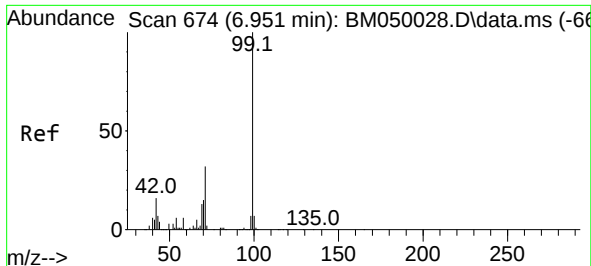
Tgt Ion:152 Resp: 268901  
Ion Ratio Lower Upper  
152 100  
150 158.9 124.1 186.1  
115 54.1 41.2 61.8



#5  
2-Fluorophenol  
Concen: 140.470 ng  
RT: 5.340 min Scan# 400  
Delta R.T. 0.000 min  
Lab File: BM050144.D  
Acq: 08 May 2025 13:18

Tgt Ion:112 Resp: 2157102  
Ion Ratio Lower Upper  
112 100  
64 51.9 42.6 64.0  
63 26.9 22.2 33.4

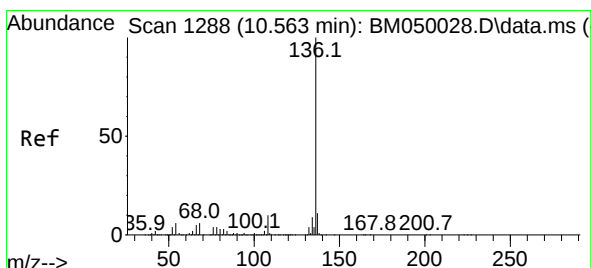
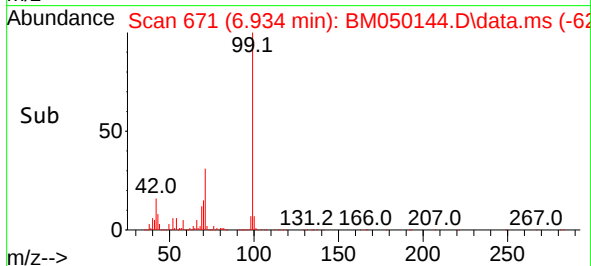
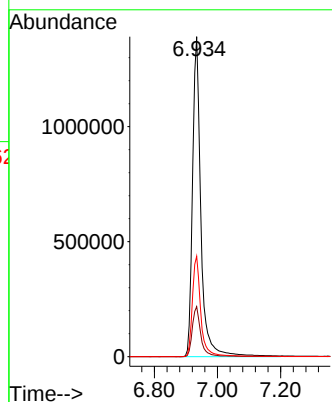
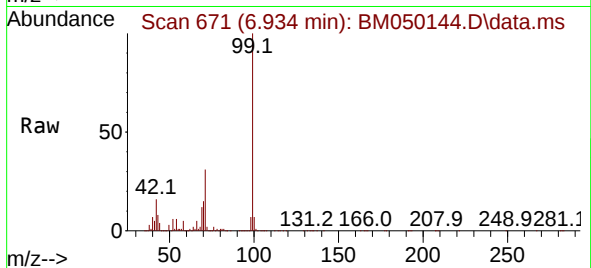




#7  
Phenol-d6  
Concen: 132.927 ng  
RT: 6.934 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM050144.D  
Acq: 08 May 2025 13:18

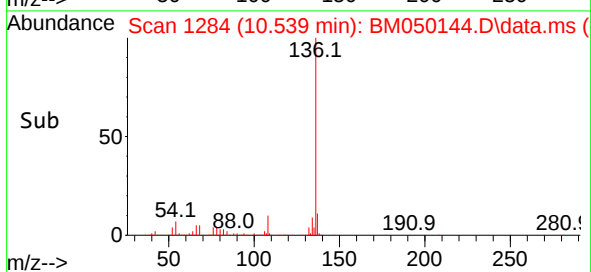
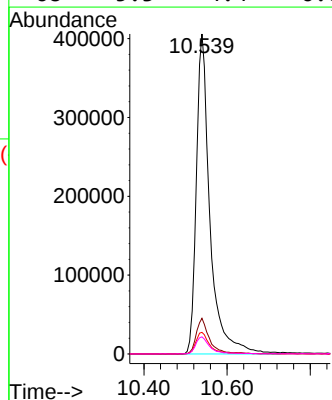
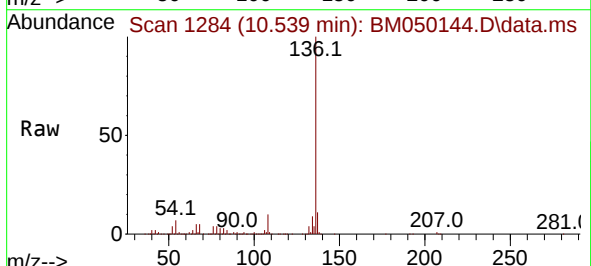
Instrument :  
BNA\_M  
ClientSampleId :  
PB167851TB

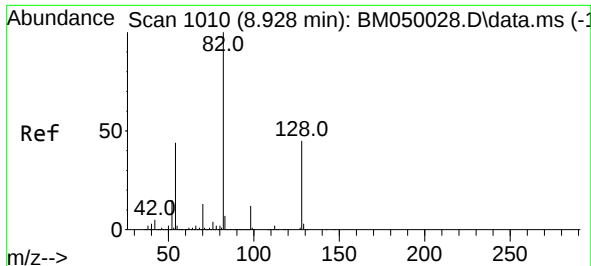
Tgt Ion: 99 Resp: 2565613  
Ion Ratio Lower Upper  
99 100  
42 15.6 13.0 19.4  
71 31.4 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.539 min Scan# 1284  
Delta R.T. 0.006 min  
Lab File: BM050144.D  
Acq: 08 May 2025 13:18

Tgt Ion: 136 Resp: 924573  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.9 13.3  
54 6.8 5.1 7.7  
68 5.3 4.4 6.6

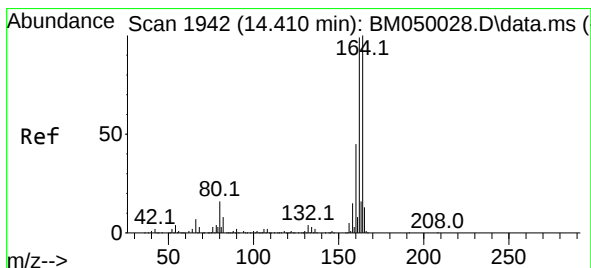
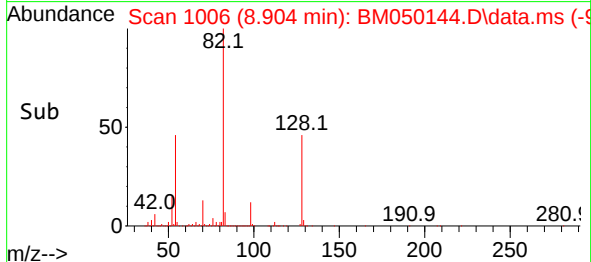
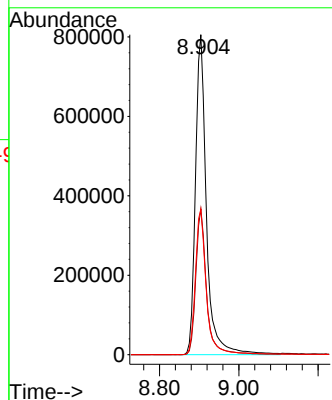
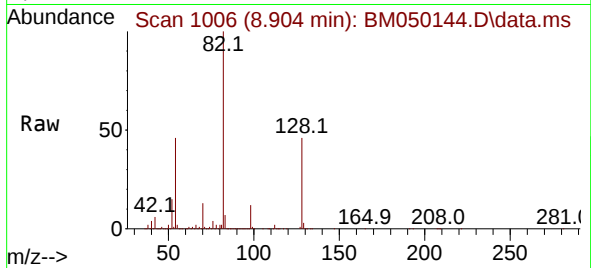




#23  
Nitrobenzene-d5  
Concen: 82.879 ng  
RT: 8.904 min Scan# 1010  
Delta R.T. 0.000 min  
Lab File: BM050144.D  
Acq: 08 May 2025 13:18

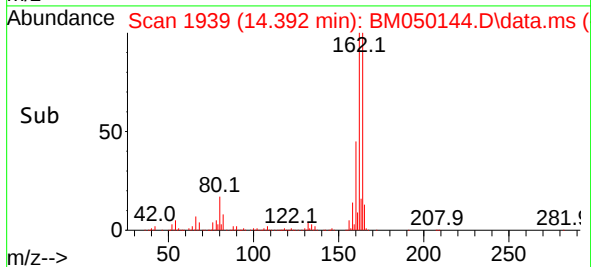
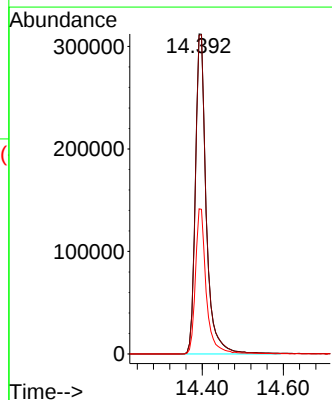
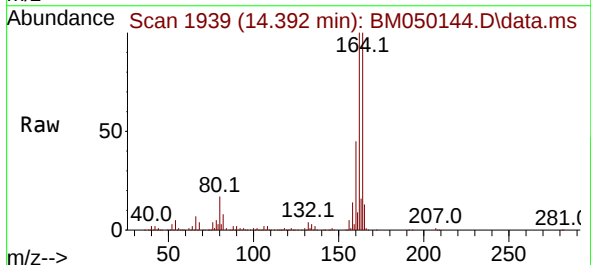
Instrument :  
BNA\_M  
ClientSampleId :  
PB167851TB

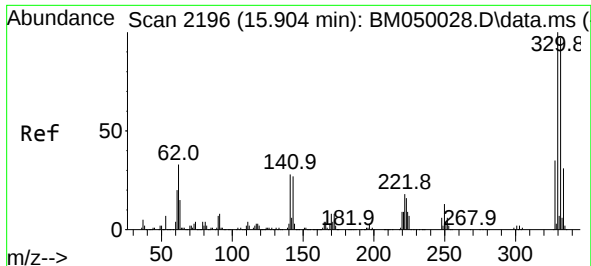
Tgt Ion: 82 Resp: 1555056  
Ion Ratio Lower Upper  
82 100  
128 45.5 35.7 53.5  
54 45.5 35.4 53.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.392 min Scan# 1939  
Delta R.T. 0.000 min  
Lab File: BM050144.D  
Acq: 08 May 2025 13:18

Tgt Ion:164 Resp: 584707  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.4 119.0  
160 45.3 36.2 54.4

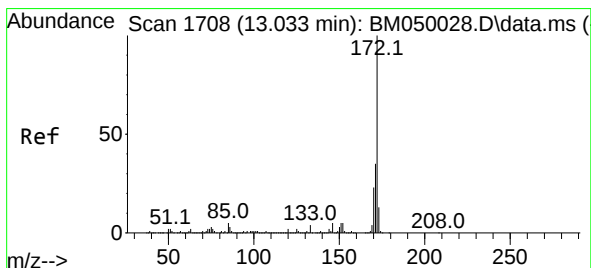
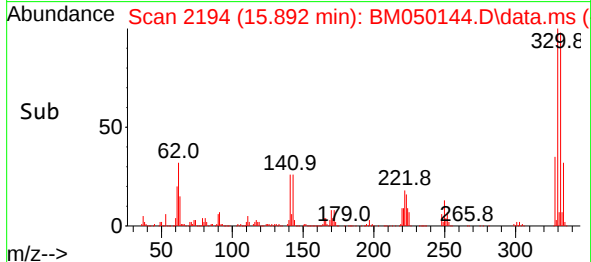
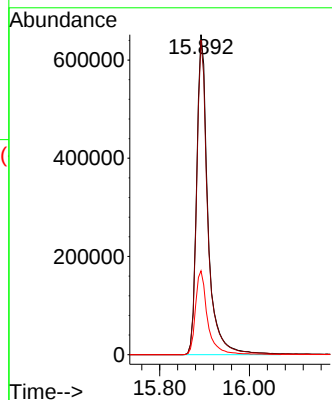
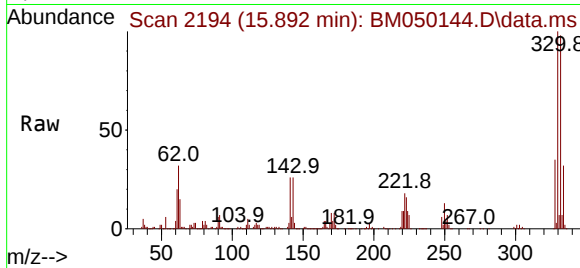




#42  
2,4,6-Tribromophenol  
Concen: 132.442 ng  
RT: 15.892 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: BM050144.D  
Acq: 08 May 2025 13:18

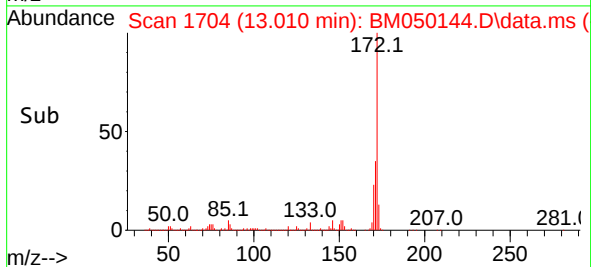
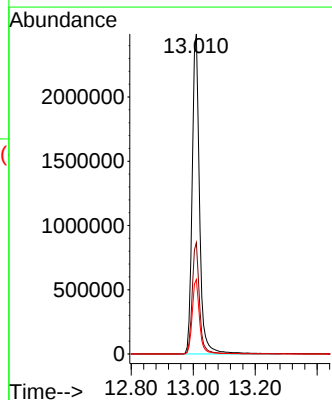
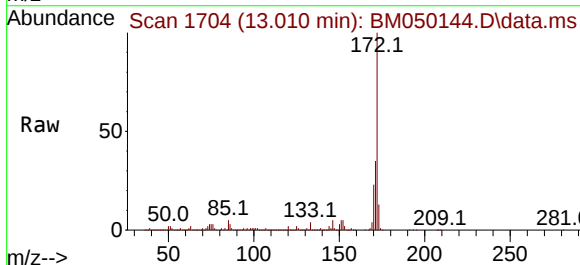
Instrument :  
BNA\_M  
ClientSampleId :  
PB167851TB

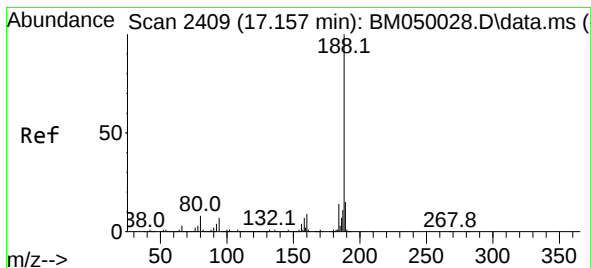
Tgt Ion:330 Resp: 1145050  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.3 115.9  
141 28.2 22.5 33.7



#45  
2-Fluorobiphenyl  
Concen: 83.349 ng  
RT: 13.010 min Scan# 1704  
Delta R.T. 0.000 min  
Lab File: BM050144.D  
Acq: 08 May 2025 13:18

Tgt Ion:172 Resp: 4119633  
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# 24

Delta R.T. 0.006 min

Lab File: BM050144.D

Acq: 08 May 2025 13:18

Instrument :

BNA\_M

ClientSampleId :

PB167851TB

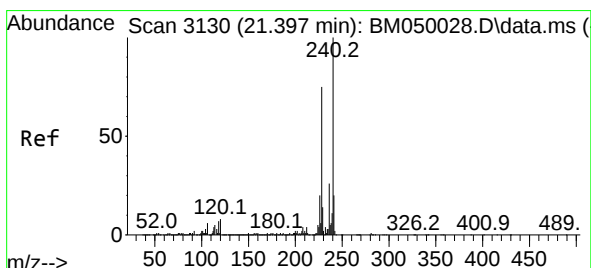
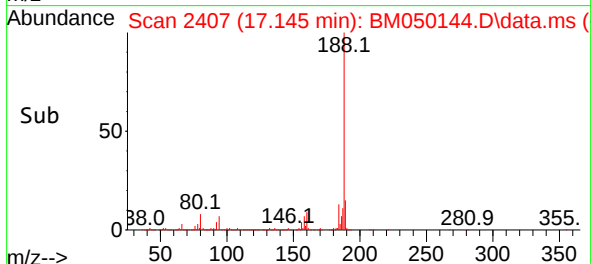
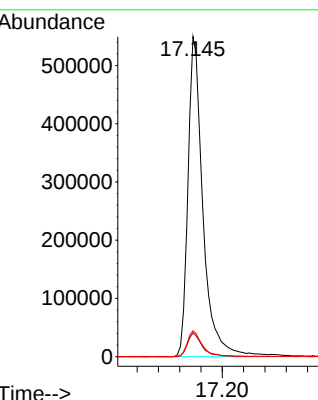
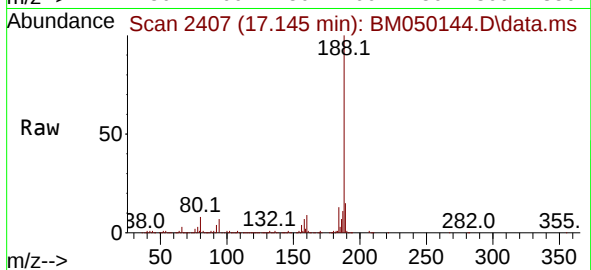
Tgt Ion:188 Resp: 1073026

Ion Ratio Lower Upper

188 100

94 7.5 5.7 8.5

80 8.1 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.392 min Scan# 3129

Delta R.T. 0.006 min

Lab File: BM050144.D

Acq: 08 May 2025 13:18

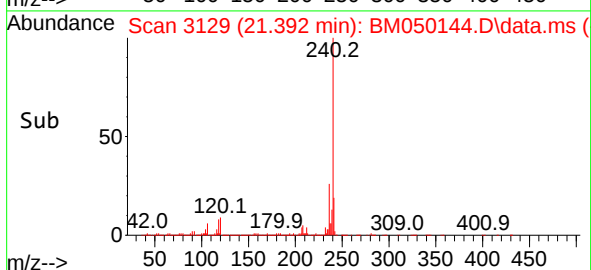
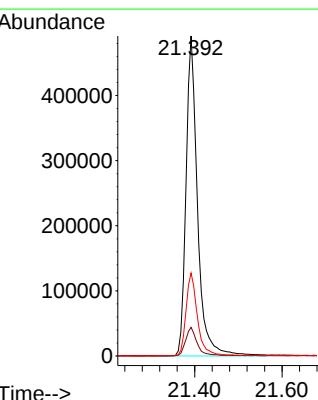
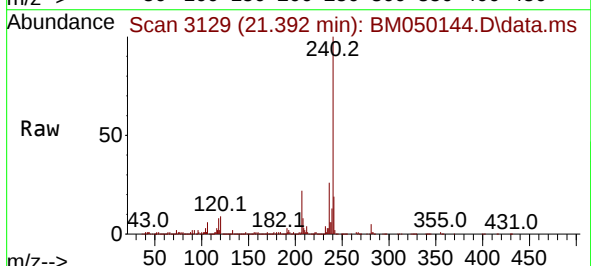
Tgt Ion:240 Resp: 900723

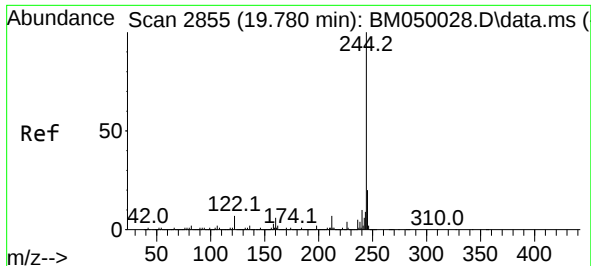
Ion Ratio Lower Upper

240 100

120 8.9 6.5 9.7

236 25.9 20.9 31.3

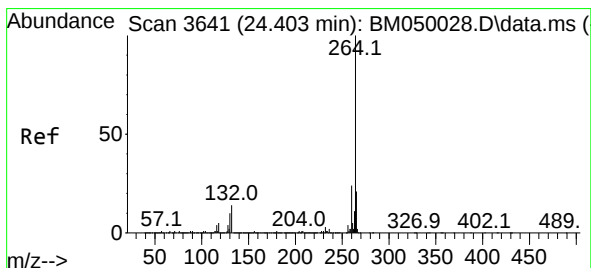
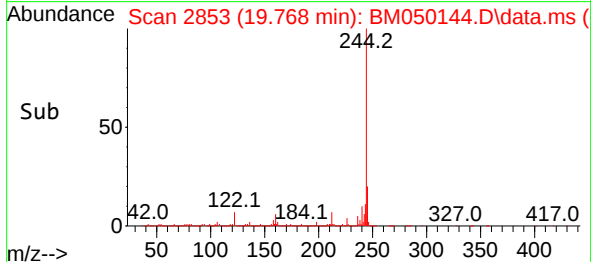
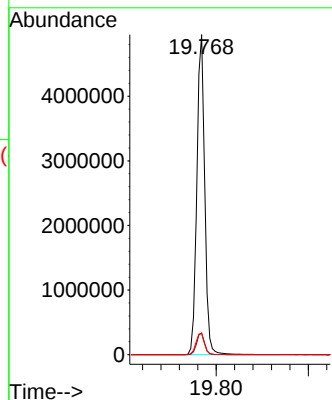
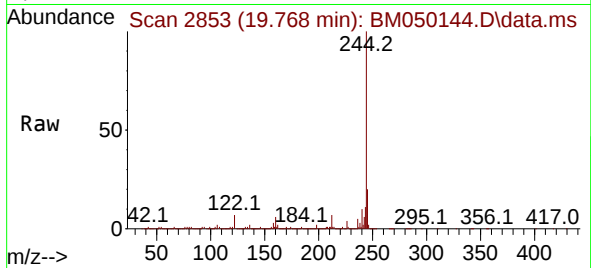




#79  
 Terphenyl-d14  
 Concen: 96.069 ng  
 RT: 19.768 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM050144.D  
 Acq: 08 May 2025 13:18

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167851TB

Tgt Ion:244 Resp: 5847768  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 6.6 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.386 min Scan# 3638  
 Delta R.T. 0.006 min  
 Lab File: BM050144.D  
 Acq: 08 May 2025 13:18

Tgt Ion:264 Resp: 1000410  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.8 28.2  
 265 23.1 17.0 25.4

