

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041025\  
 Data File : BM049889.D  
 Acq On : 10 Apr 2025 18:04  
 Operator : RC/JU  
 Sample : Q1749-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-14

Quant Time: Apr 10 18:39:43 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

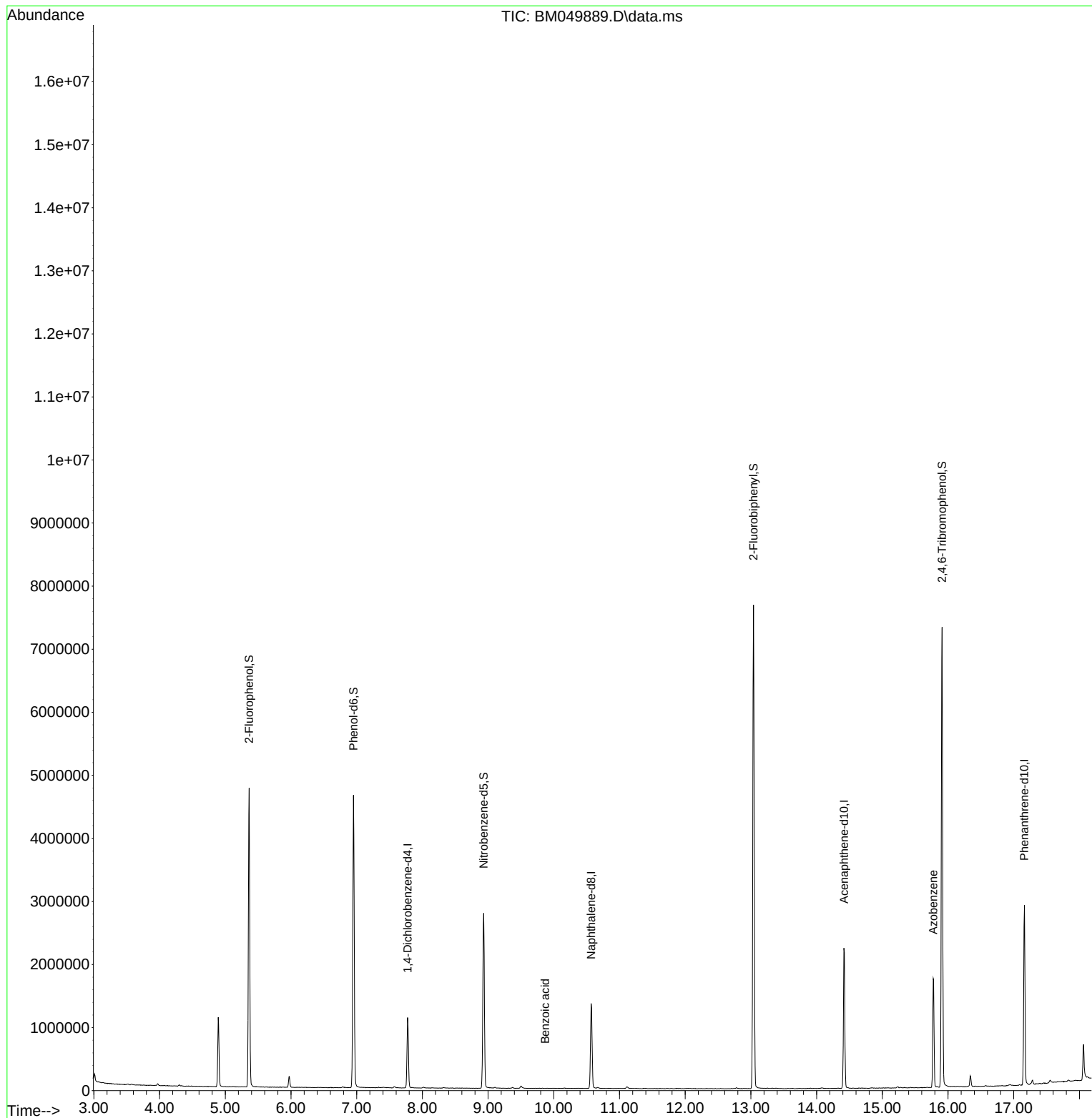
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.775  | 152  | 326656   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.569 | 136  | 1178282  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.415 | 164  | 830260   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.162 | 188  | 1720902  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.397 | 240  | 1697769  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.391 | 264  | 1887848  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.363  | 112  | 2128905  | 110.668 | ng    | 0.00     |
| 7) Phenol-d6                | 6.951  | 99   | 2709393  | 113.202 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.933  | 82   | 1581912  | 74.761  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.909 | 330  | 1584392  | 131.197 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.039 | 172  | 4219379  | 68.912  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.786 | 244  | 6451851  | 71.218  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
| 32) Benzoic acid            | 9.869  | 122  | 235      | 8.551   | ng    | # 1      |
| 63) Azobenzene              | 15.774 | 77   | 464664   | 9.662   | ng    | # 1      |
| -----                       |        |      |          |         |       |          |

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

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Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
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TP-14

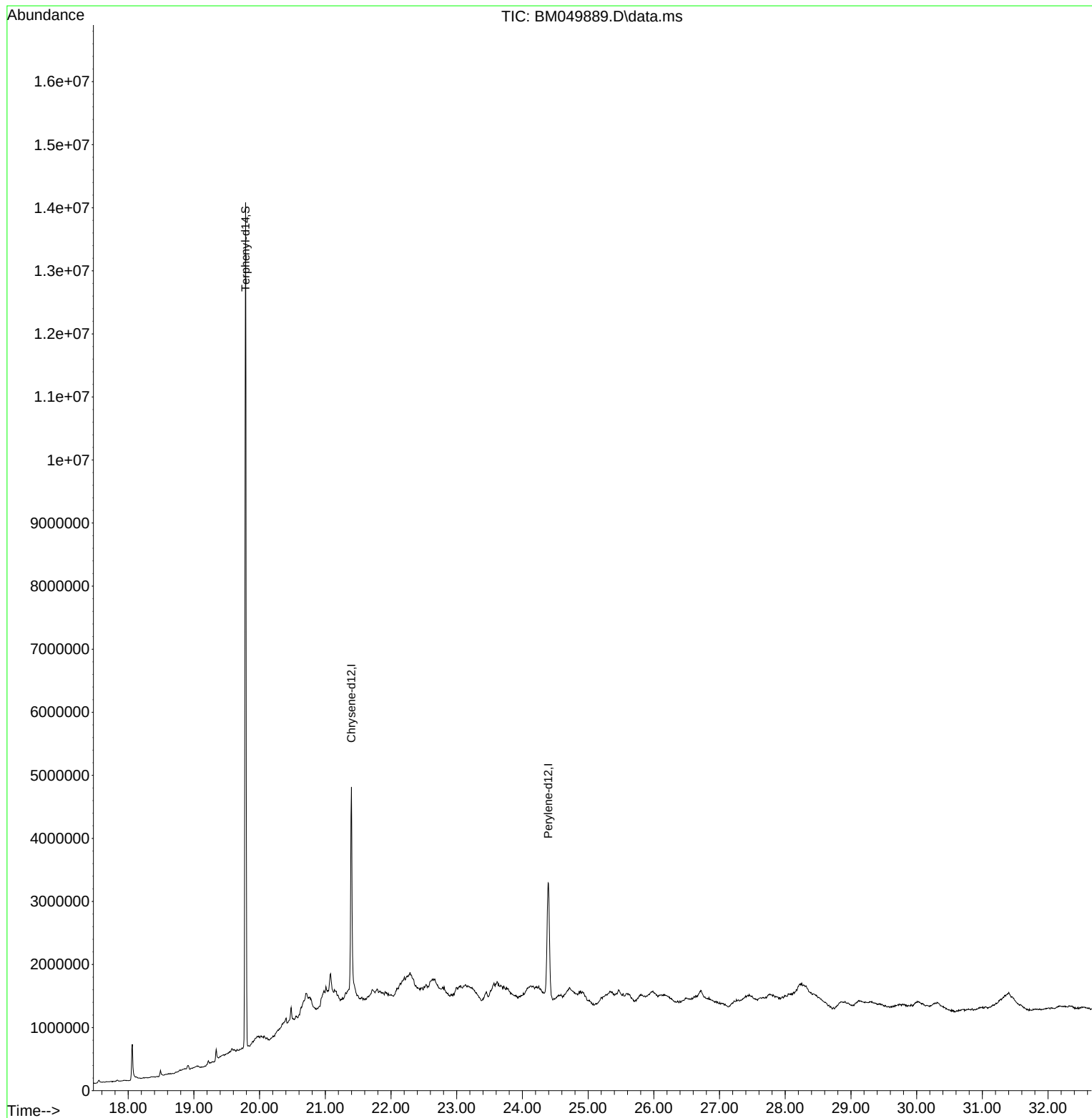
Quant Time: Apr 10 18:39:43 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 09 04:00:55 2025  
Response via : Initial Calibration

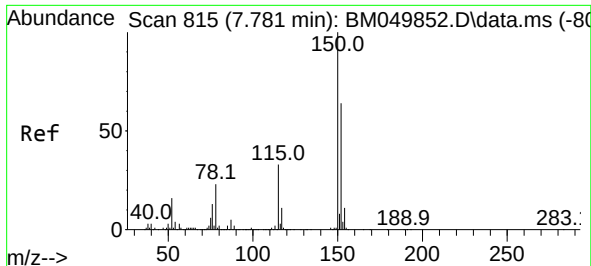


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041025\  
Data File : BM049889.D  
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Response via : Initial Calibration

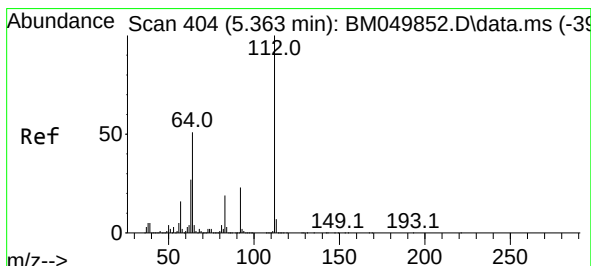
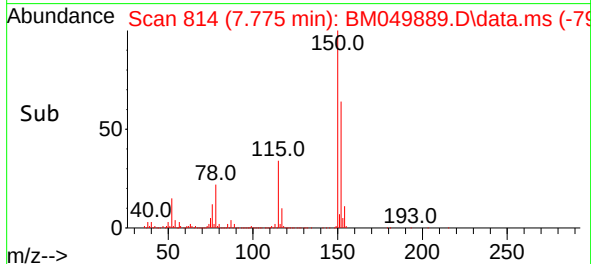
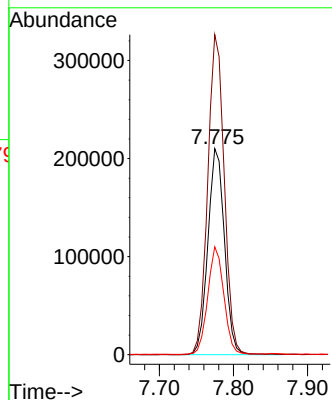
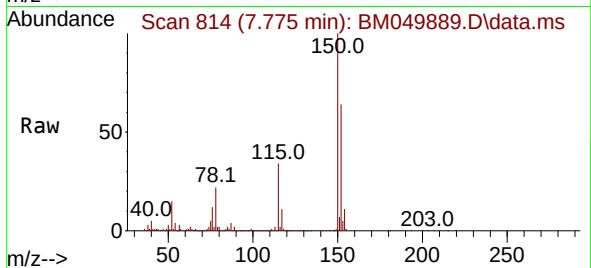




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BM049889.D  
Acq: 10 Apr 2025 18:04

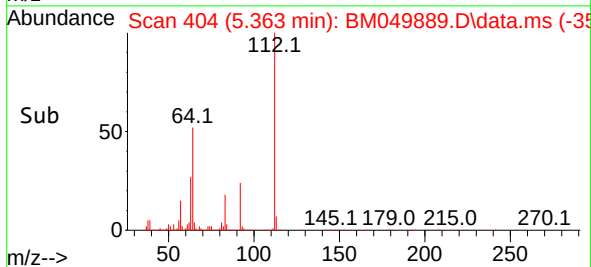
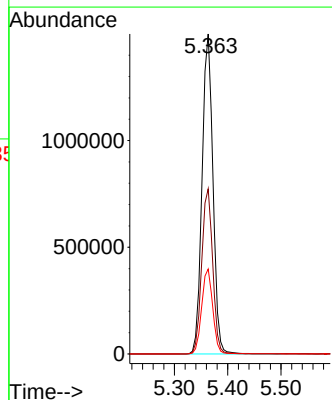
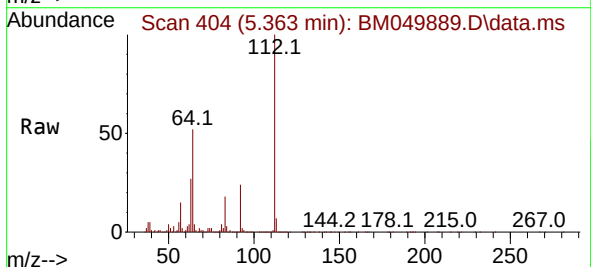
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14

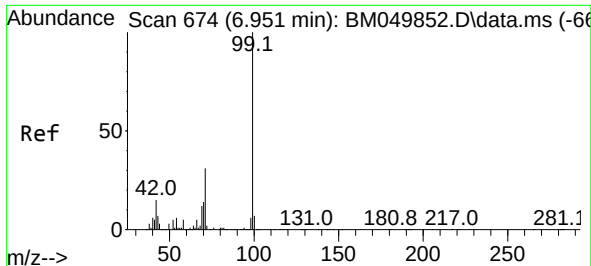
Tgt Ion:152 Resp: 326656  
Ion Ratio Lower Upper  
152 100  
150 155.2 124.3 186.5  
115 52.3 41.1 61.7



#5  
2-Fluorophenol  
Concen: 110.668 ng  
RT: 5.363 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: BM049889.D  
Acq: 10 Apr 2025 18:04

Tgt Ion:112 Resp: 2128905  
Ion Ratio Lower Upper  
112 100  
64 51.6 41.0 61.6  
63 26.6 21.5 32.3

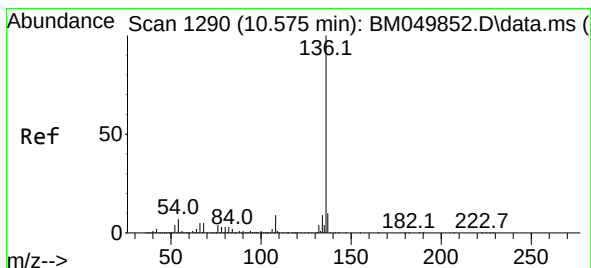
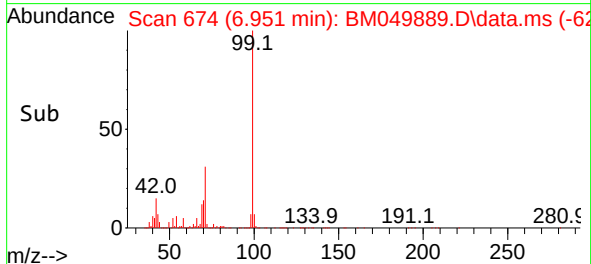
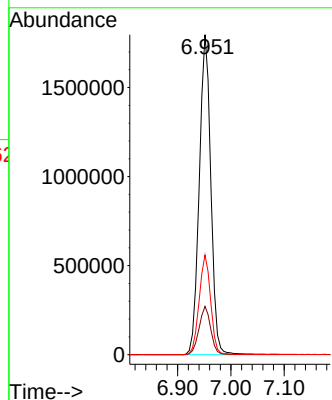
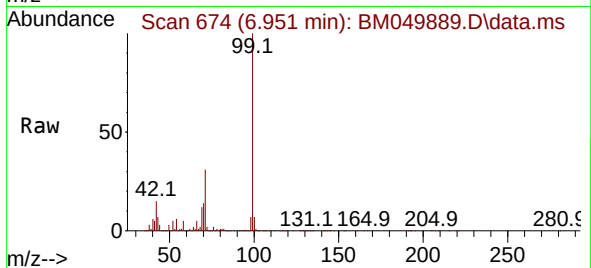




#7  
Phenol-d6  
Concen: 113.202 ng  
RT: 6.951 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM049889.D  
Acq: 10 Apr 2025 18:04

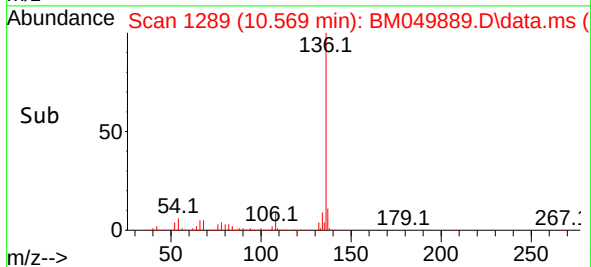
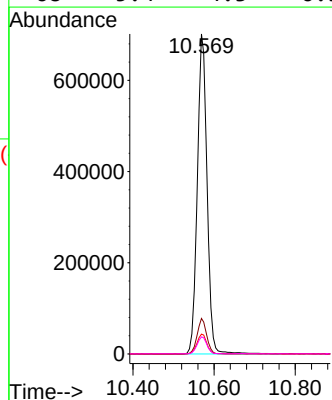
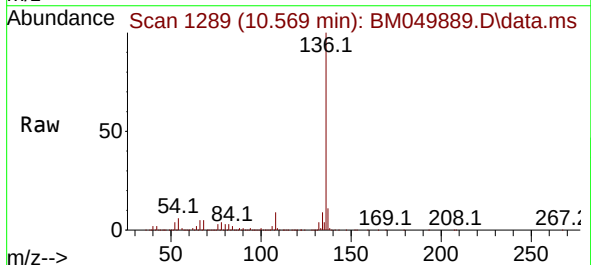
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14

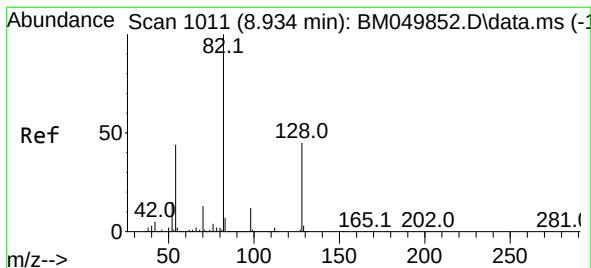
Tgt Ion: 99 Resp: 2709393  
Ion Ratio Lower Upper  
99 100  
42 15.1 12.1 18.1  
71 31.1 24.9 37.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.569 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BM049889.D  
Acq: 10 Apr 2025 18:04

Tgt Ion: 136 Resp: 1178282  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.4 12.6  
54 6.2 5.3 7.9  
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 74.761 ng

RT: 8.933 min Scan# 1011

Delta R.T. -0.000 min

Lab File: BM049889.D

Acq: 10 Apr 2025 18:04

Instrument :

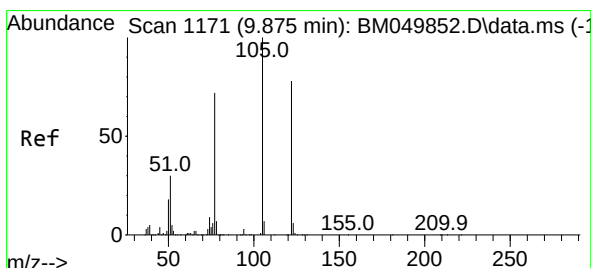
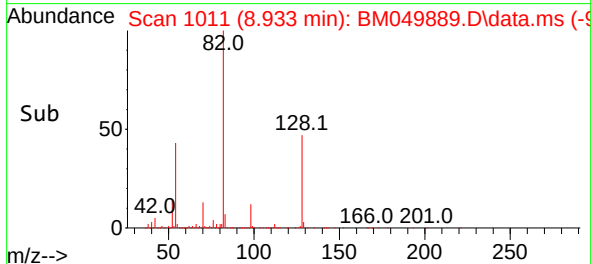
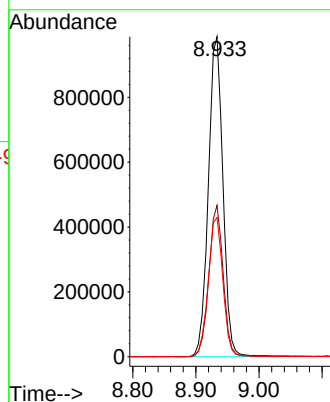
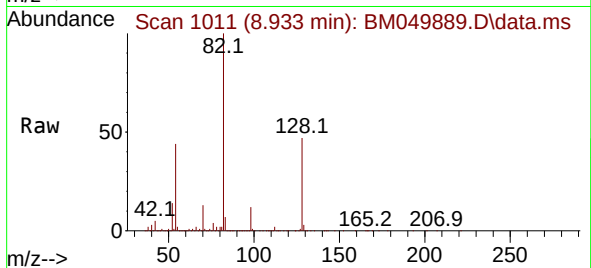
BNA\_M

ClientSampleId :

TP-14

Tgt Ion: 82 Resp: 1581912

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 47.3  | 36.2  | 54.2  |
| 54  | 43.5  | 35.0  | 52.6  |



#32

Benzoic acid

Concen: 8.551 ng

RT: 9.869 min Scan# 1170

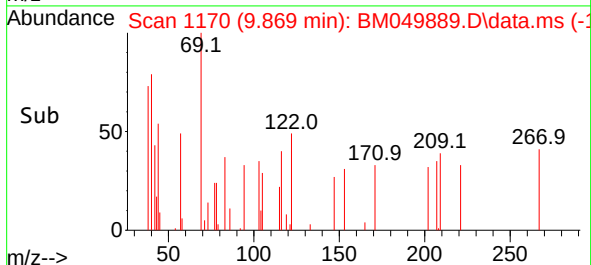
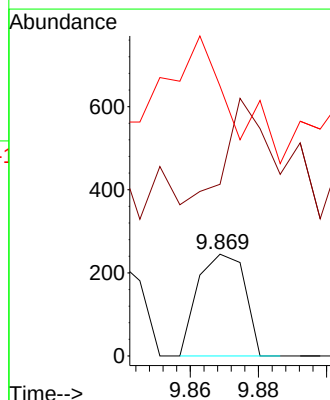
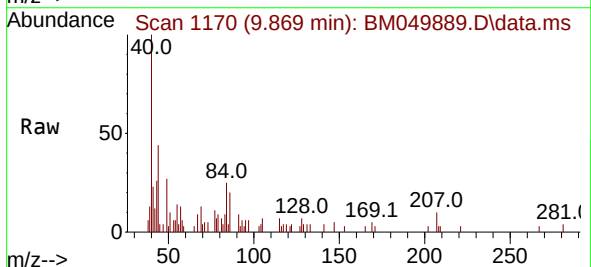
Delta R.T. -0.006 min

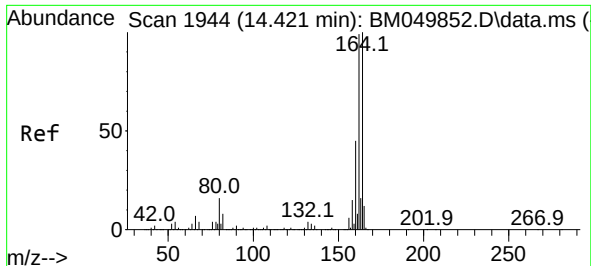
Lab File: BM049889.D

Acq: 10 Apr 2025 18:04

Tgt Ion:122 Resp: 235

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 122 | 100   |       |        |
| 105 | 168.6 | 103.8 | 143.8# |
| 77  | 264.9 | 70.7  | 110.7# |

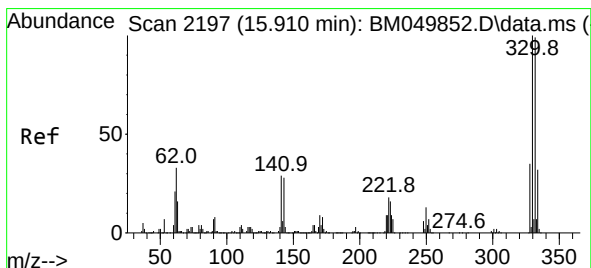
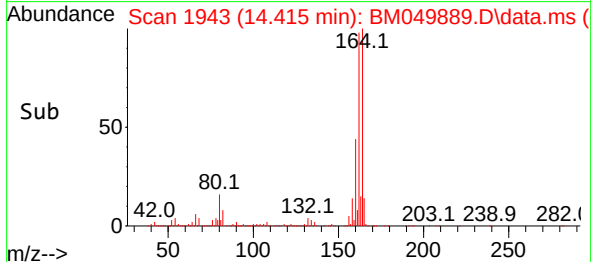
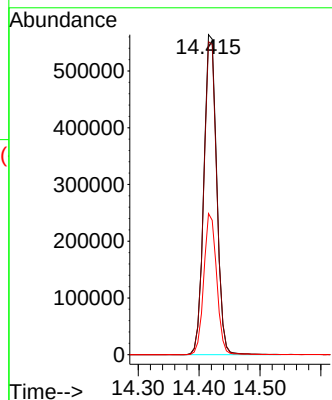
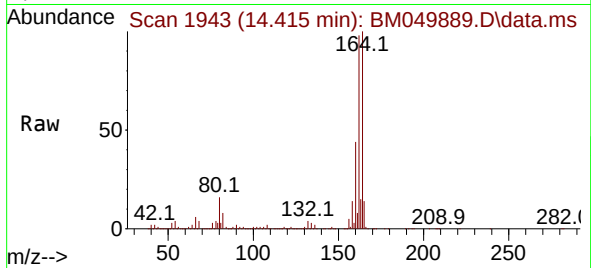




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.415 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BM049889.D  
Acq: 10 Apr 2025 18:04

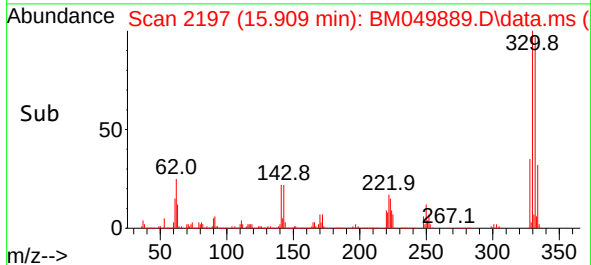
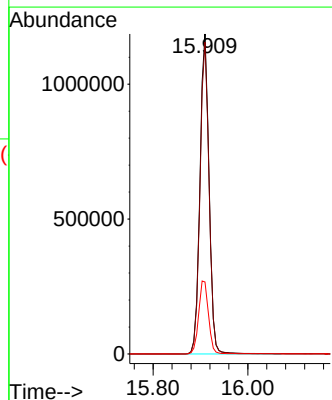
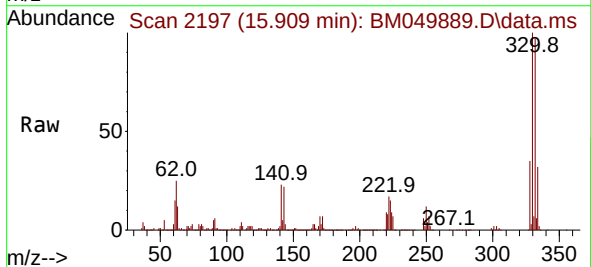
Instrument :  
BNA\_M  
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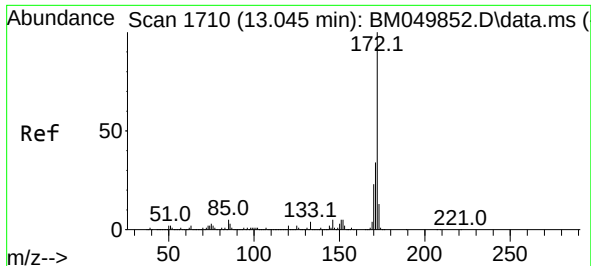
Tgt Ion:164 Resp: 830260  
Ion Ratio Lower Upper  
164 100  
162 97.8 79.4 119.0  
160 44.1 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 131.197 ng  
RT: 15.909 min Scan# 2197  
Delta R.T. -0.000 min  
Lab File: BM049889.D  
Acq: 10 Apr 2025 18:04

Tgt Ion:330 Resp: 1584392  
Ion Ratio Lower Upper  
330 100  
332 96.8 78.0 117.0  
141 24.4 23.5 35.3

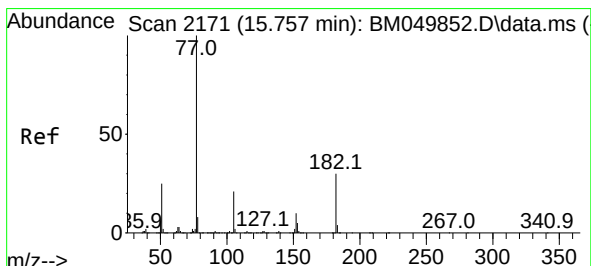
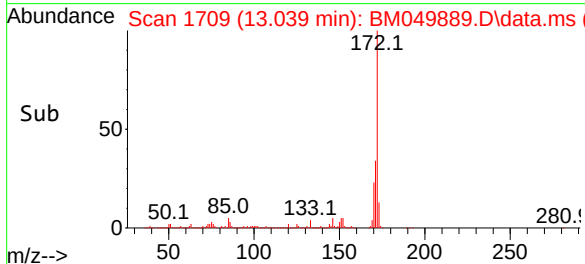
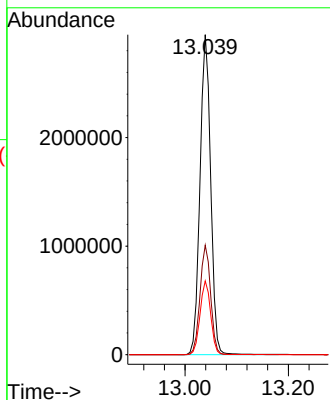
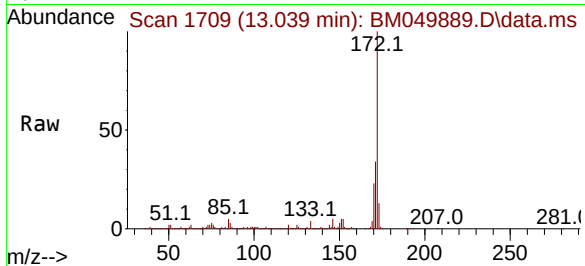




#45  
2-Fluorobiphenyl  
Concen: 68.912 ng  
RT: 13.039 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BM049889.D  
Acq: 10 Apr 2025 18:04

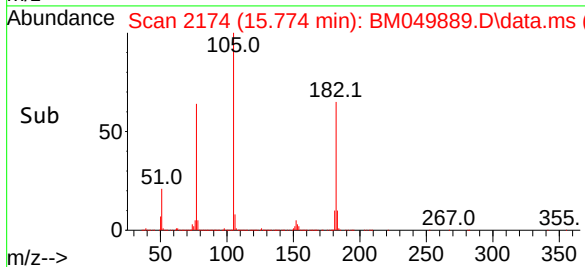
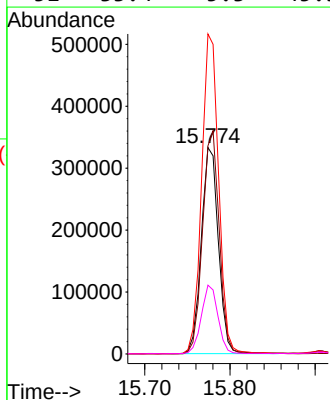
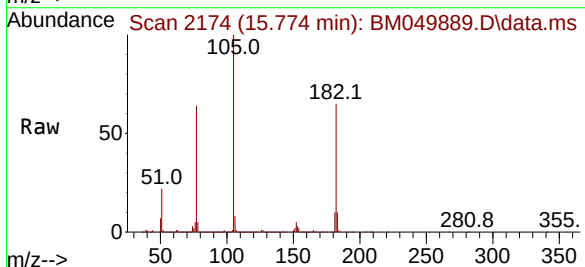
Instrument :  
BNA\_M  
ClientSampleId :  
TP-14

Tgt Ion:172 Resp: 4219379  
Ion Ratio Lower Upper  
172 100  
171 34.2 27.4 41.2  
170 23.1 18.6 28.0

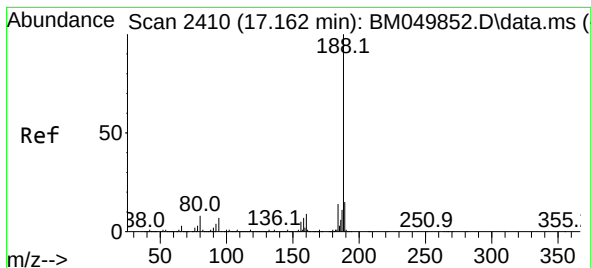


#63  
Azobenzene  
Concen: 9.662 ng  
RT: 15.774 min Scan# 2174  
Delta R.T. 0.018 min  
Lab File: BM049889.D  
Acq: 10 Apr 2025 18:04

Tgt Ion: 77 Resp: 464664  
Ion Ratio Lower Upper  
77 100  
182 100.9 10.4 50.4#  
105 155.1 1.5 41.5#  
51 33.4 5.3 45.3







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.162 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BM049889.D

Acq: 10 Apr 2025 18:04

Instrument :

BNA\_M

ClientSampleId :

TP-14

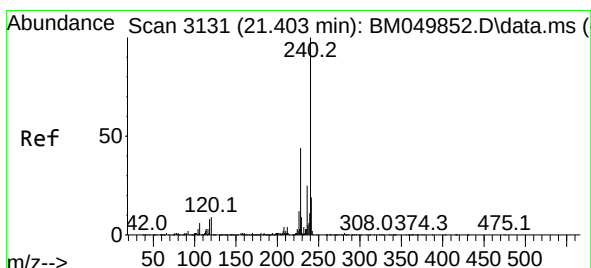
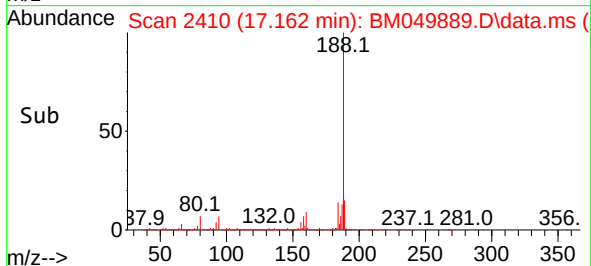
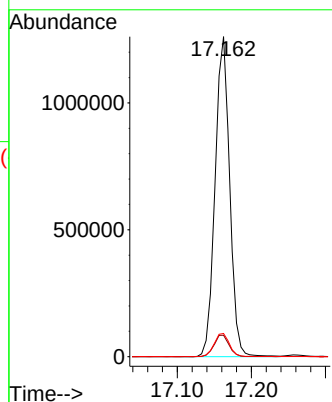
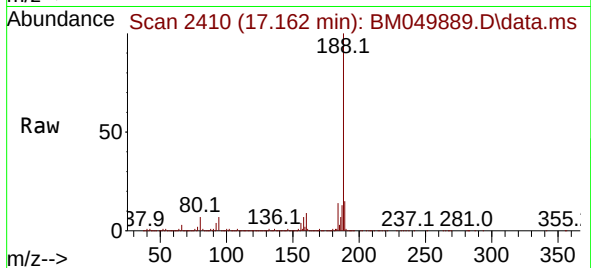
Tgt Ion:188 Resp: 1720902

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 7.3 6.4 9.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.397 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BM049889.D

Acq: 10 Apr 2025 18:04

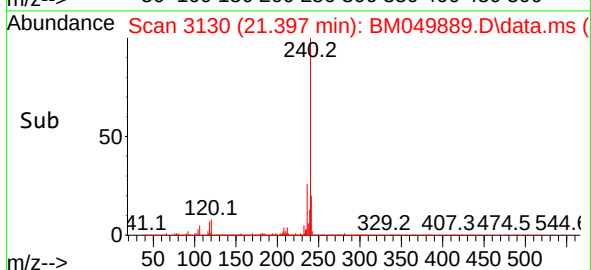
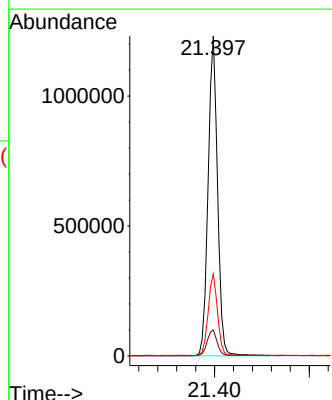
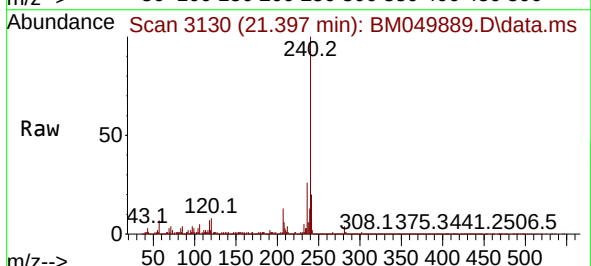
Tgt Ion:240 Resp: 1697769

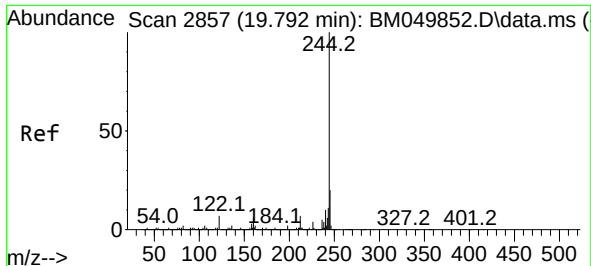
Ion Ratio Lower Upper

240 100

120 8.1 6.9 10.3

236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 71.218 ng

RT: 19.786 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049889.D

Acq: 10 Apr 2025 18:04

Instrument :

BNA\_M

ClientSampleId :

TP-14

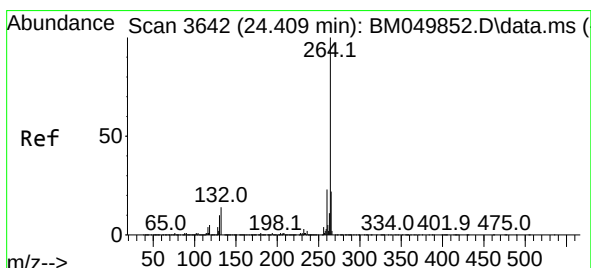
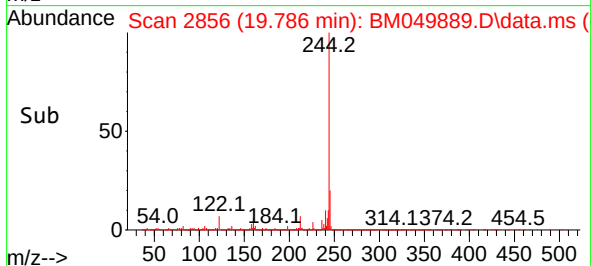
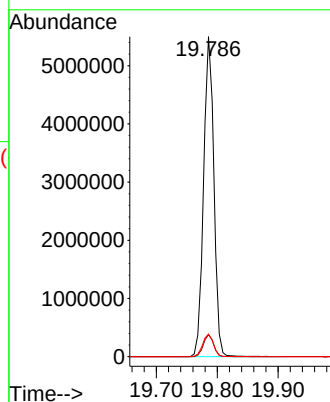
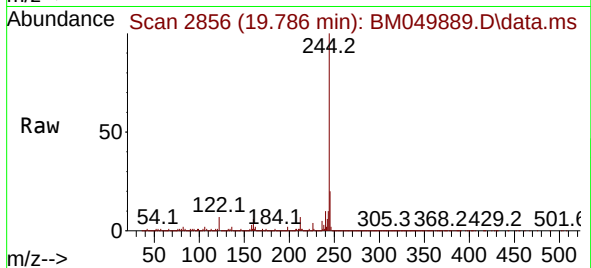
Tgt Ion:244 Resp: 6451851

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 7.1 5.4 8.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.391 min Scan# 3639

Delta R.T. -0.018 min

Lab File: BM049889.D

Acq: 10 Apr 2025 18:04

Tgt Ion:264 Resp: 1887848

Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 22.7 17.8 26.8

