

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040225\  
 Data File : BM049793.D  
 Acq On : 02 Apr 2025 16:43  
 Operator : RC/JU  
 Sample : Q1664-09RE  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-BBDGA-002-01RE

Quant Time: Apr 02 18:16:57 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 14:55:34 2025  
 Response via : Initial Calibration

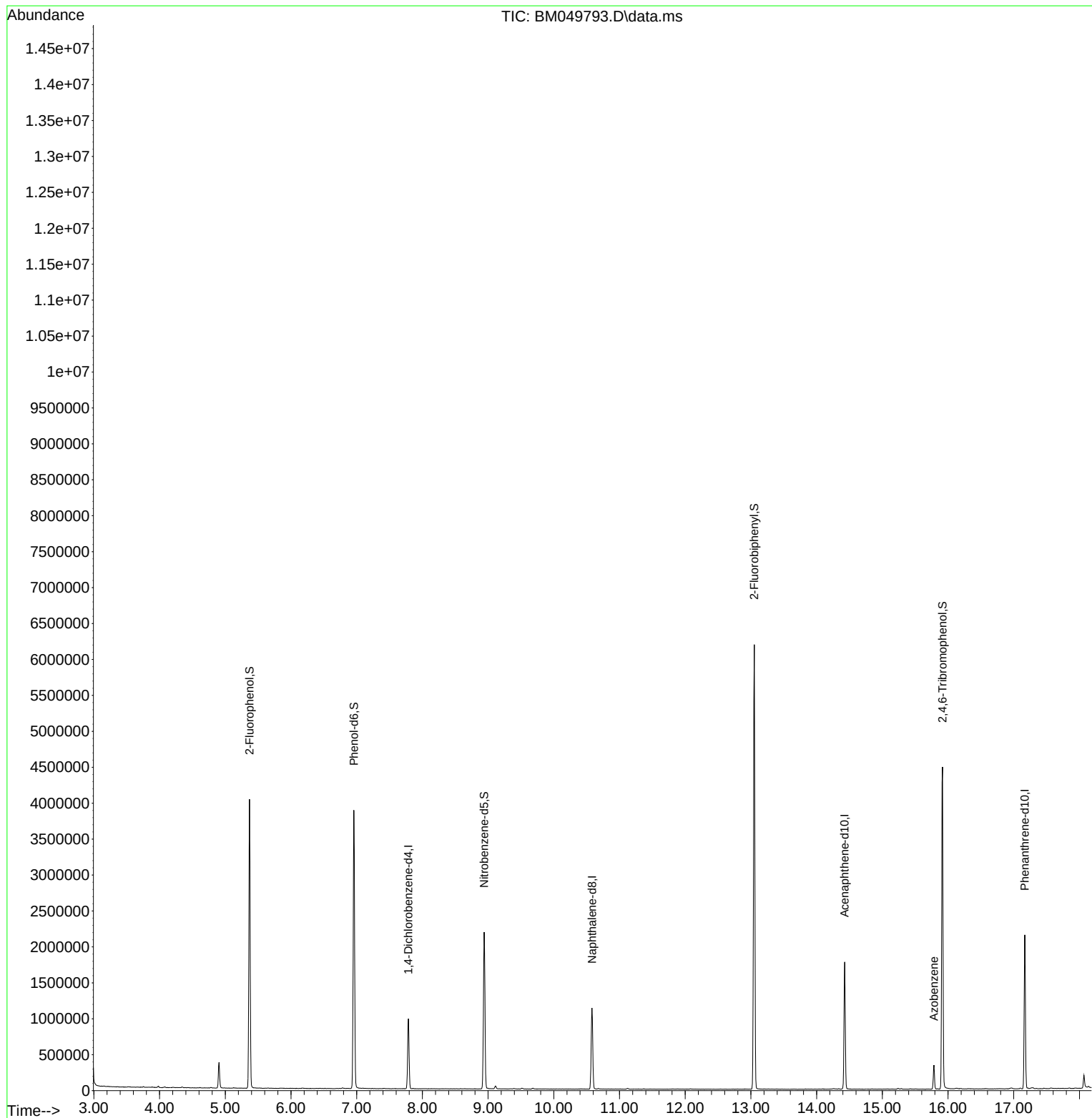
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)      |
|-----------------------------|--------|------|----------|---------|-------|---------------|
| -----                       |        |      |          |         |       |               |
| Internal Standards          |        |      |          |         |       |               |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 264655   | 20.000  | ng    | -0.02         |
| 21) Naphthalene-d8          | 10.581 | 136  | 911013   | 20.000  | ng    | -0.02         |
| 39) Acenaphthene-d10        | 14.427 | 164  | 584281   | 20.000  | ng    | -0.02         |
| 64) Phenanthrene-d10        | 17.168 | 188  | 1161738  | 20.000  | ng    | -0.02         |
| 76) Chrysene-d12            | 21.403 | 240  | 1251607  | 20.000  | ng    | -0.02         |
| 86) Perylene-d12            | 24.397 | 264  | 1282226  | 20.000  | ng    | -0.04         |
|                             |        |      |          |         |       |               |
| System Monitoring Compounds |        |      |          |         |       |               |
| 5) 2-Fluorophenol           | 5.369  | 112  | 1576295  | 100.498 | ng    | -0.02         |
| 7) Phenol-d6                | 6.957  | 99   | 2025949  | 102.925 | ng    | -0.02         |
| 23) Nitrobenzene-d5         | 8.939  | 82   | 1207984  | 68.078  | ng    | -0.02         |
| 42) 2,4,6-Tribromophenol    | 15.915 | 330  | 771113   | 113.023 | ng    | -0.02         |
| 45) 2-Fluorobiphenyl        | 13.051 | 172  | 3020020  | 64.733  | ng    | -0.02         |
| 79) Terphenyl-d14           | 19.792 | 244  | 5328314  | 71.739  | ng    | -0.02         |
|                             |        |      |          |         |       |               |
| Target Compounds            |        |      |          |         |       |               |
| 63) Azobenzene              | 15.786 | 77   | 88358    | 2.442   | ng    | Qvalue<br># 1 |
| -----                       |        |      |          |         |       |               |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040225\  
Data File : BM049793.D  
Acq On : 02 Apr 2025 16:43  
Operator : RC/JU  
Sample : Q1664-09RE  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
P001-BBDGA-002-01RE

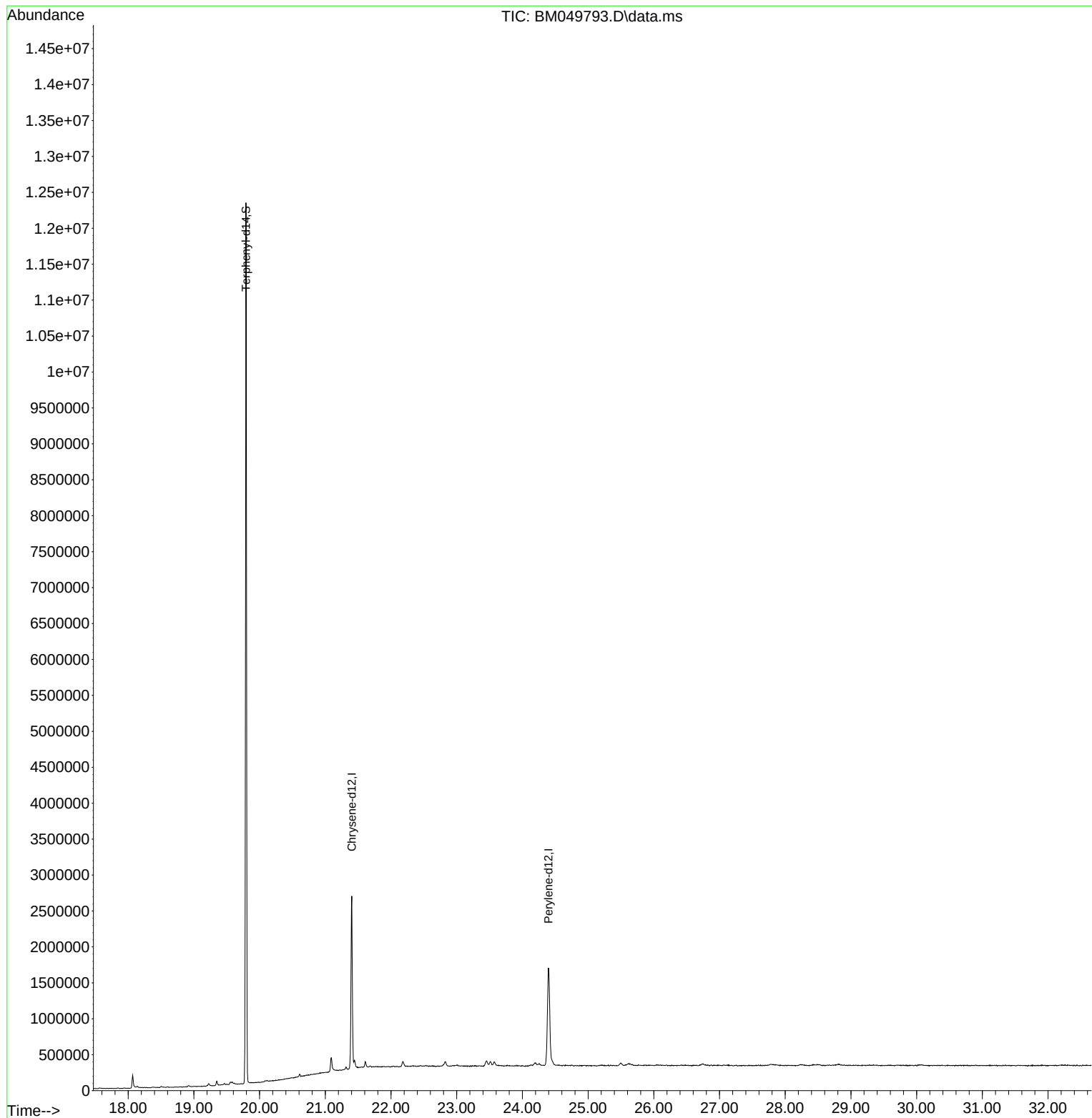
Quant Time: Apr 02 18:16:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 13 14:55:34 2025  
Response via : Initial Calibration

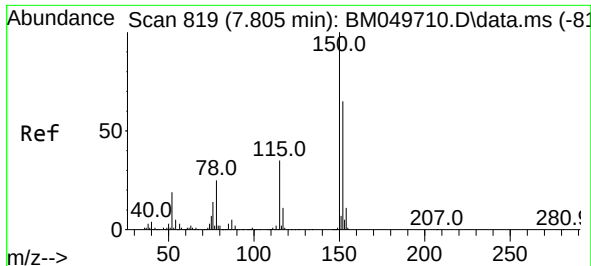


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040225\  
Data File : BM049793.D  
Acq On : 02 Apr 2025 16:43  
Operator : RC/JU  
Sample : Q1664-09RE  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
P001-BBDGA-002-01RE

Quant Time: Apr 02 18:16:57 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 13 14:55:34 2025  
Response via : Initial Calibration

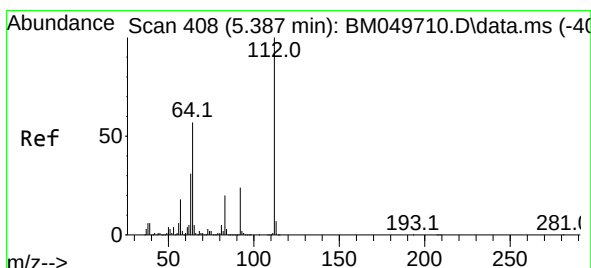
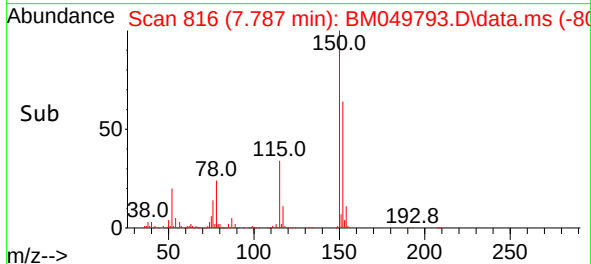
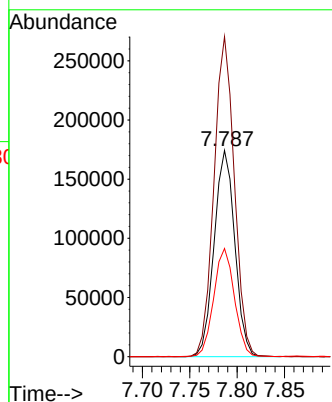
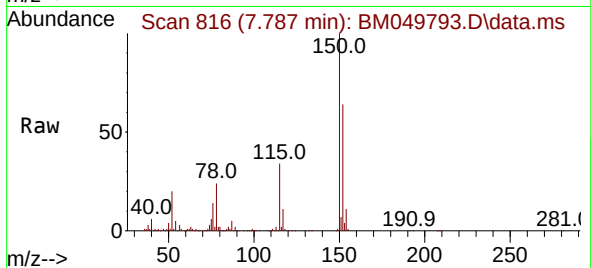




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 819  
Delta R.T. -0.018 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

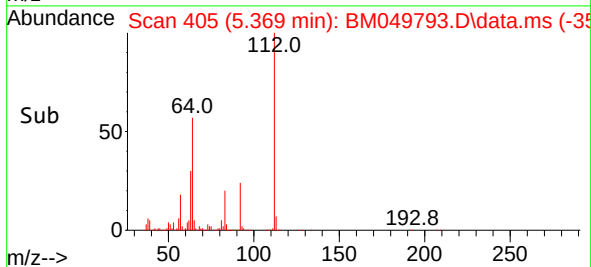
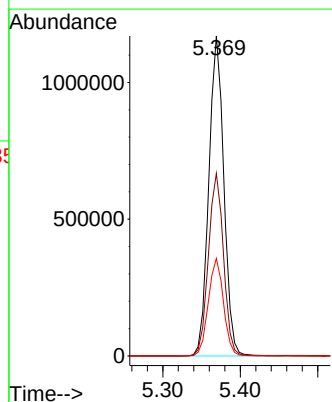
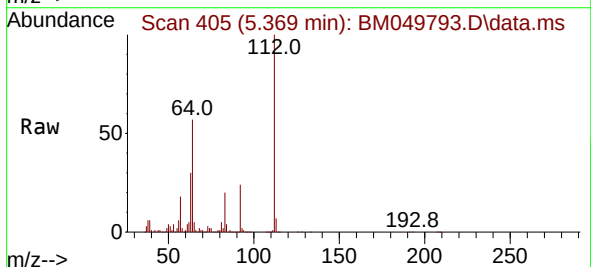
Instrument :  
BNA\_M  
ClientSampleId :  
P001-BBDGA-002-01RE

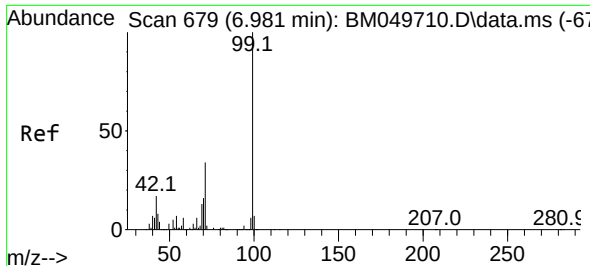
Tgt Ion:152 Resp: 264655  
Ion Ratio Lower Upper  
152 100  
150 155.2 123.8 185.8  
115 52.4 43.0 64.6



#5  
2-Fluorophenol  
Concen: 100.498 ng  
RT: 5.369 min Scan# 405  
Delta R.T. -0.018 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

Tgt Ion:112 Resp: 1576295  
Ion Ratio Lower Upper  
112 100  
64 57.0 45.3 67.9  
63 30.5 24.4 36.6



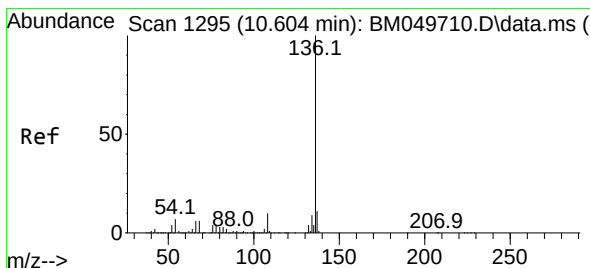
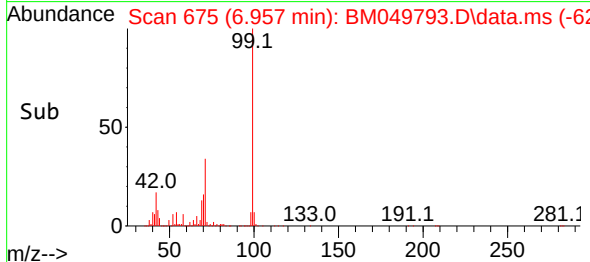
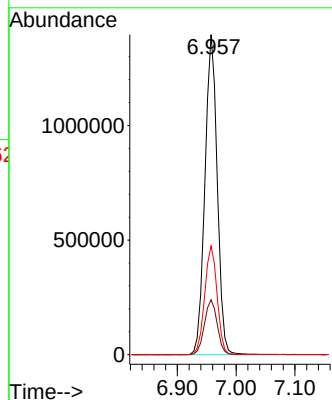
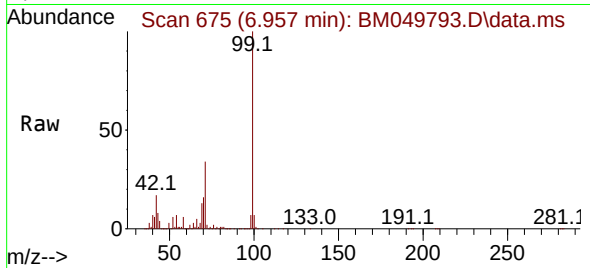


#7  
Phenol-d6  
Concen: 102.925 ng  
RT: 6.957 min Scan# 61  
Delta R.T. -0.024 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

Instrument :  
BNA\_M  
ClientSampleId :  
P001-BBDGA-002-01RE

Tgt Ion: 99 Resp: 2025949

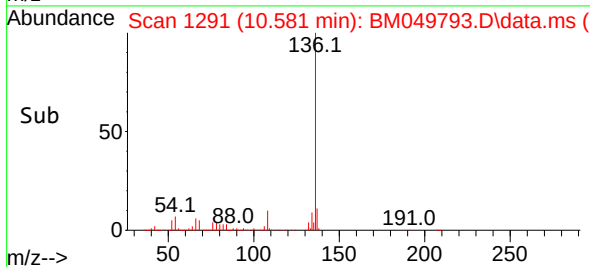
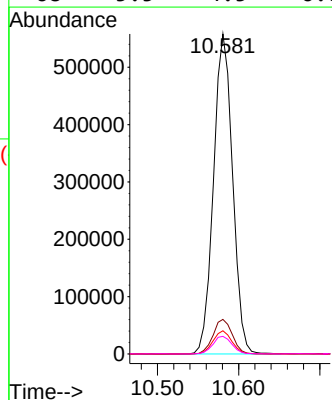
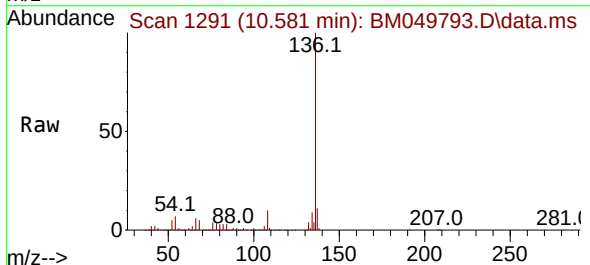
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.1  | 13.6  | 20.4  |
| 71  | 34.0  | 27.0  | 40.6  |

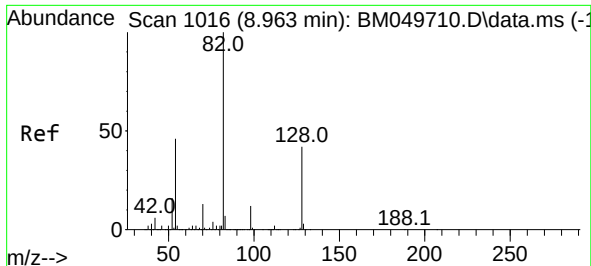


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.581 min Scan# 1291  
Delta R.T. -0.024 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

Tgt Ion: 136 Resp: 911013

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 12.8  |
| 54  | 7.2   | 5.8   | 8.8   |
| 68  | 5.5   | 4.5   | 6.7   |

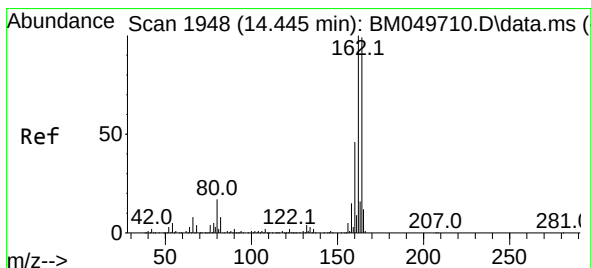
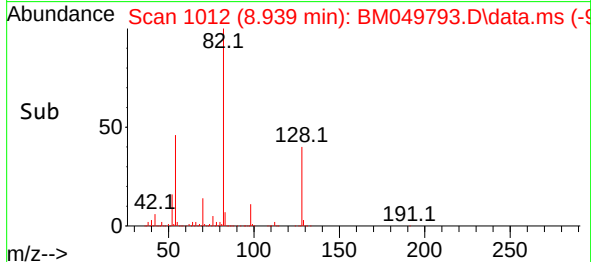
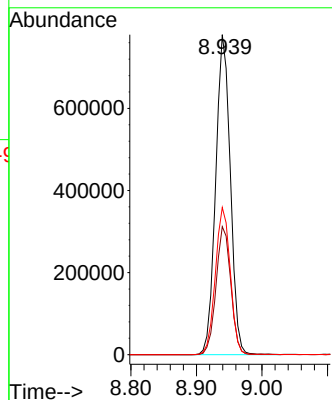
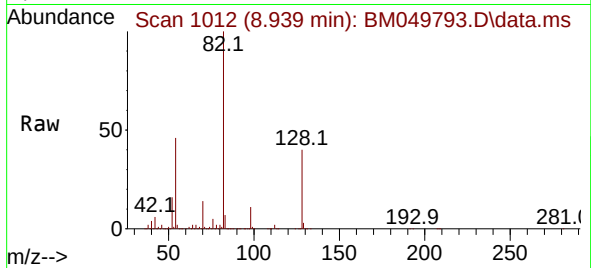




#23  
Nitrobenzene-d5  
Concen: 68.078 ng  
RT: 8.939 min Scan# 1016  
Delta R.T. -0.024 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

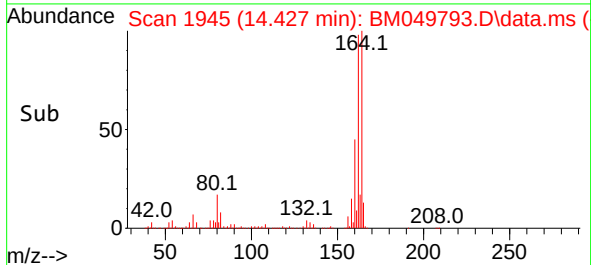
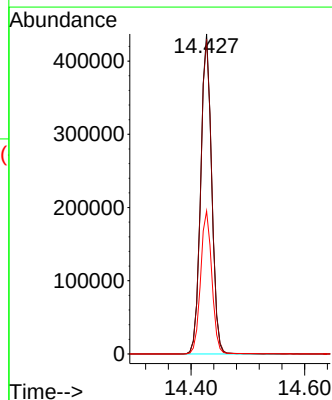
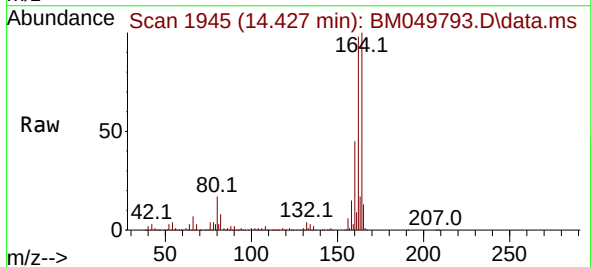
Instrument :  
BNA\_M  
ClientSampleId :  
P001-BBDGA-002-01RE

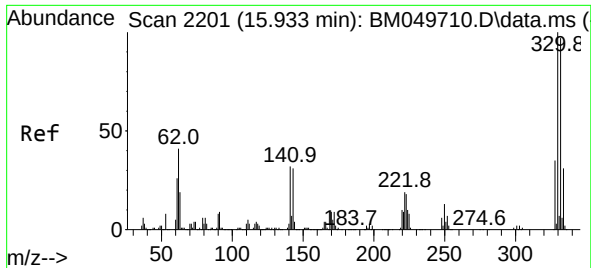
Tgt Ion: 82 Resp: 1207984  
Ion Ratio Lower Upper  
82 100  
128 40.0 33.4 50.0  
54 46.0 36.4 54.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.427 min Scan# 1945  
Delta R.T. -0.018 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

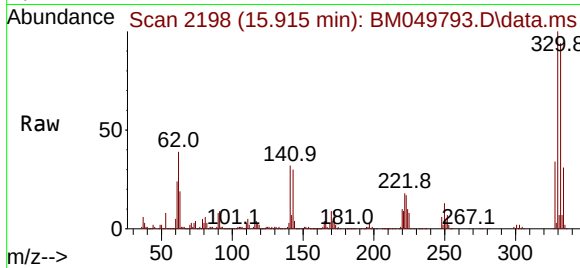
Tgt Ion:164 Resp: 584281  
Ion Ratio Lower Upper  
164 100  
162 98.3 80.5 120.7  
160 44.6 36.9 55.3



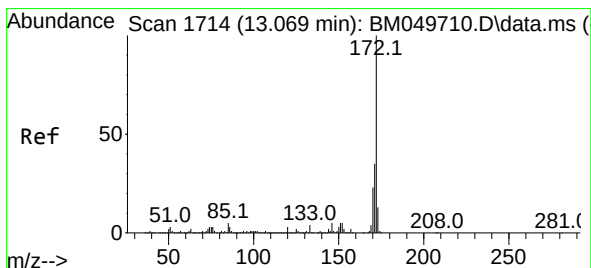
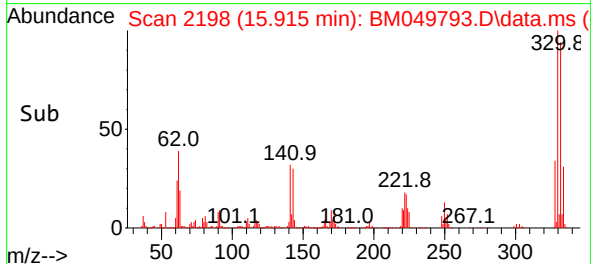
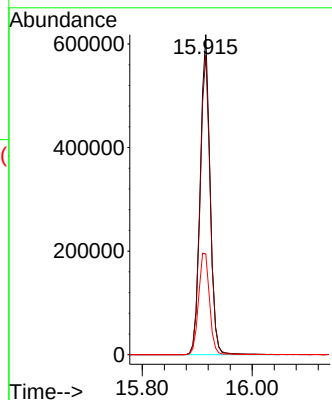


#42  
2,4,6-Tribromophenol  
Concen: 113.023 ng  
RT: 15.915 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

Instrument :  
BNA\_M  
ClientSampleId :  
P001-BBDGA-002-01RE

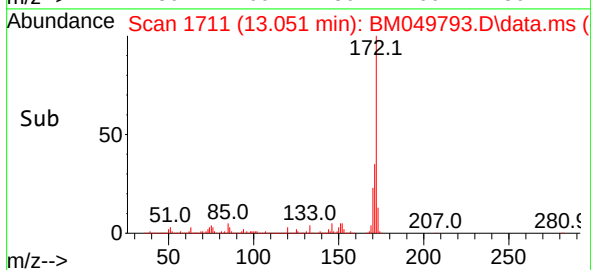
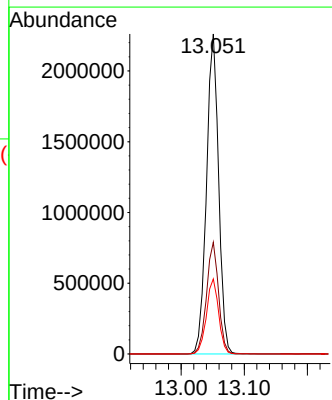
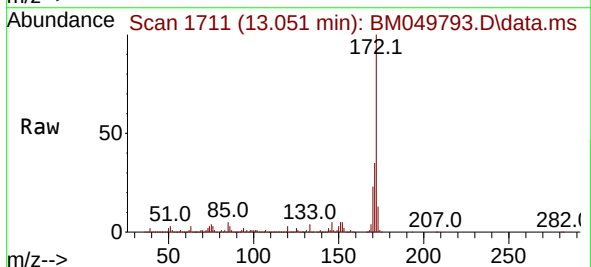


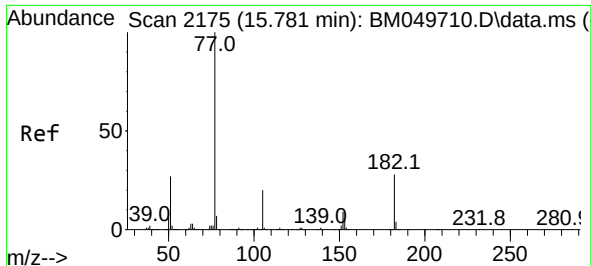
Tgt Ion:330 Resp: 771113  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.0 115.4  
141 35.1 27.8 41.6



#45  
2-Fluorobiphenyl  
Concen: 64.733 ng  
RT: 13.051 min Scan# 1711  
Delta R.T. -0.018 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

Tgt Ion:172 Resp: 3020020  
Ion Ratio Lower Upper  
172 100  
171 34.9 27.9 41.9  
170 23.4 18.6 28.0

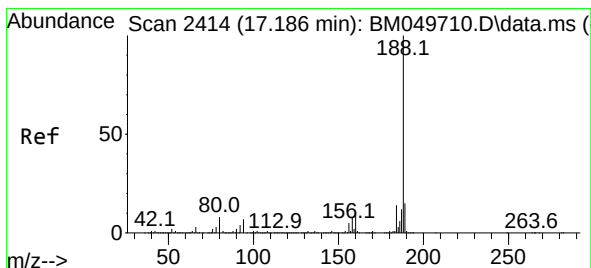
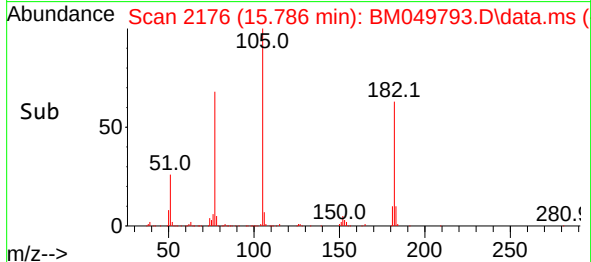
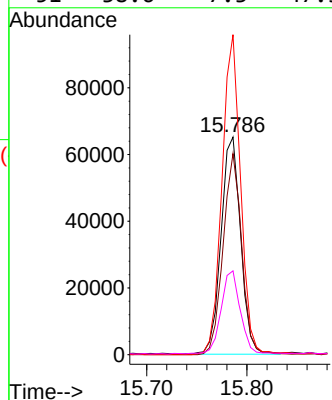
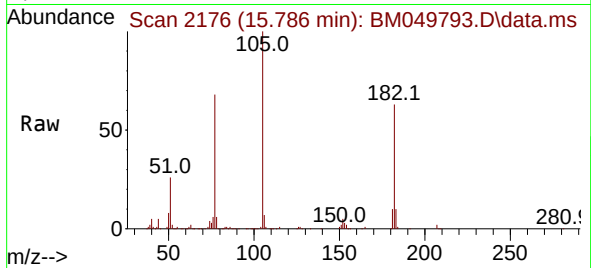




#63  
Azobenzene  
Concen: 2.442 ng  
RT: 15.786 min Scan# 2175  
Delta R.T. 0.006 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

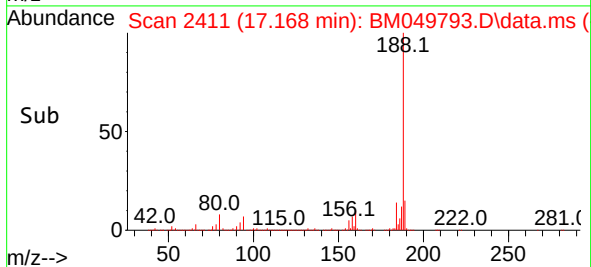
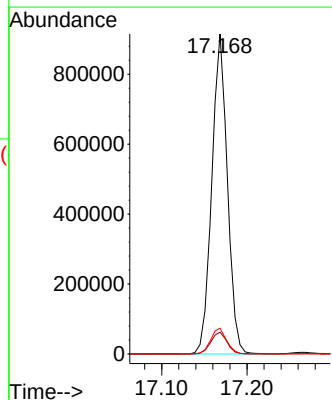
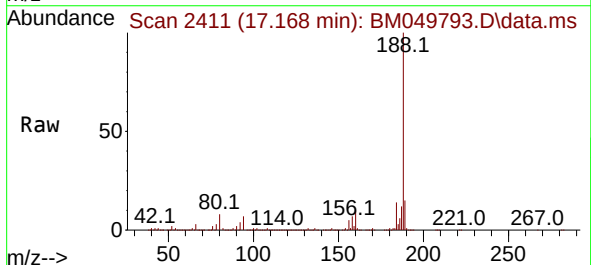
Instrument :  
BNA\_M  
ClientSampleId :  
P001-BBDGA-002-01RE

Tgt Ion: 77 Resp: 88358  
Ion Ratio Lower Upper  
77 100  
182 92.5 8.0 48.0#  
105 147.1 0.0 40.0#  
51 38.6 7.3 47.3

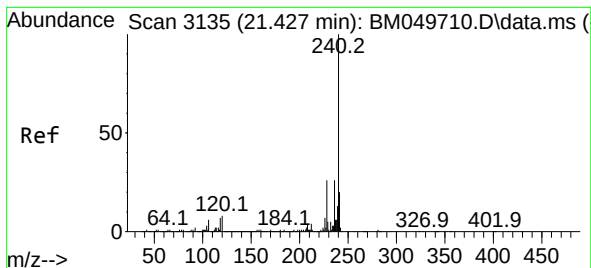


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.168 min Scan# 2411  
Delta R.T. -0.018 min  
Lab File: BM049793.D  
Acq: 02 Apr 2025 16:43

Tgt Ion: 188 Resp: 1161738  
Ion Ratio Lower Upper  
188 100  
94 6.8 5.8 8.6  
80 8.0 6.3 9.5







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.403 min Scan# 31

Delta R.T. -0.024 min

Lab File: BM049793.D

Acq: 02 Apr 2025 16:43

Instrument :

BNA\_M

ClientSampleId :

P001-BBDGA-002-01RE

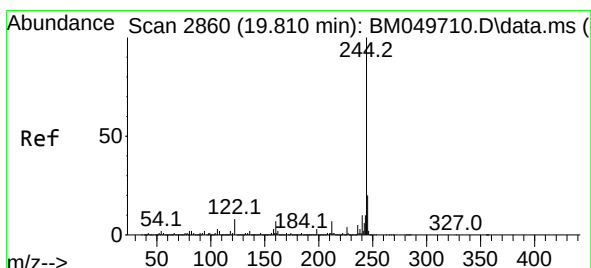
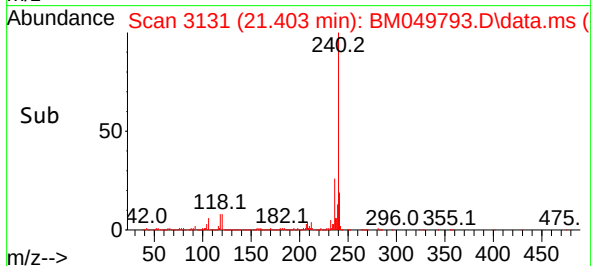
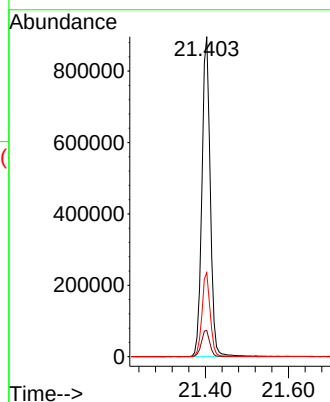
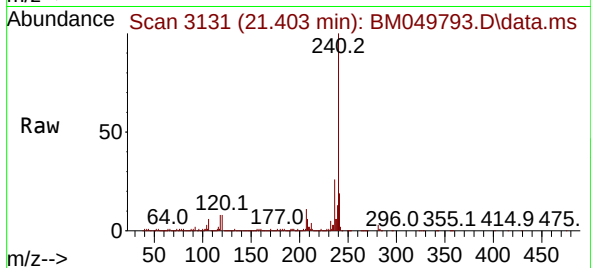
Tgt Ion:240 Resp: 1251607

Ion Ratio Lower Upper

240 100

120 8.2 6.5 9.7

236 26.2 20.7 31.1



#79

Terphenyl-d14

Concen: 71.739 ng

RT: 19.792 min Scan# 2857

Delta R.T. -0.018 min

Lab File: BM049793.D

Acq: 02 Apr 2025 16:43

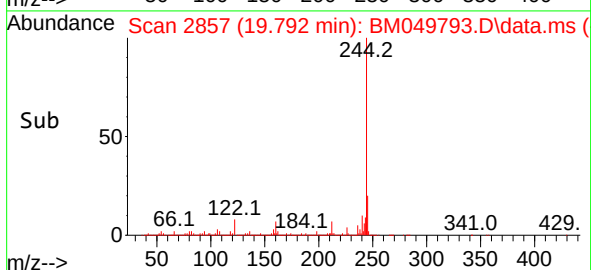
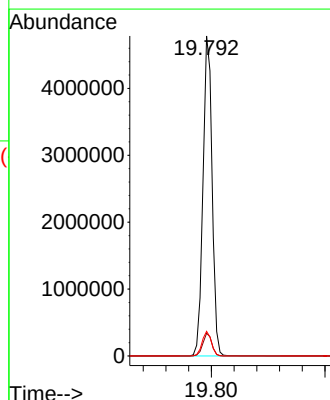
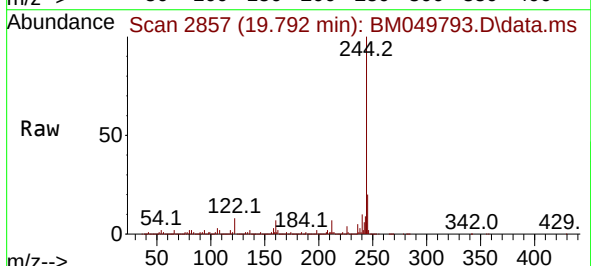
Tgt Ion:244 Resp: 5328314

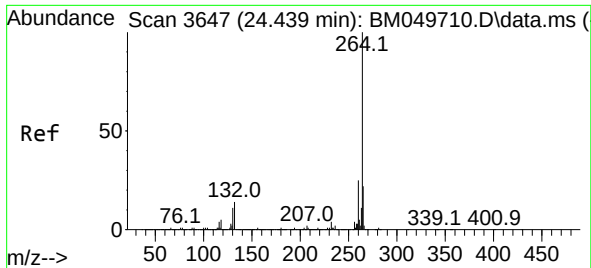
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

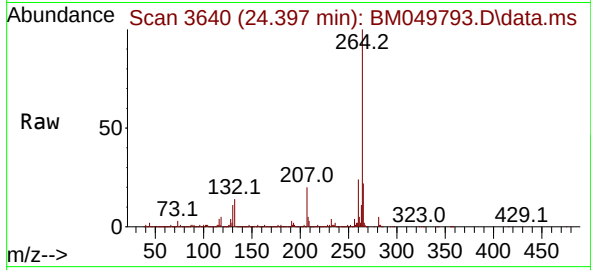
122 7.7 6.0 9.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.397 min Scan# 30  
 Delta R.T. -0.041 min  
 Lab File: BM049793.D  
 Acq: 02 Apr 2025 16:43

Instrument :  
 BNA\_M  
 ClientSampleId :  
 P001-BBDGA-002-01RE



Tgt Ion:264 Resp: 1282226  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.6 29.4  
 265 21.9 18.2 27.2

