

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022825\  
 Data File : BM049680.D  
 Acq On : 28 Feb 2025 15:52  
 Operator : RC/JU  
 Sample : PB166933BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB166933BL

Quant Time: Feb 28 16:39:28 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 04:55:28 2025  
 Response via : Initial Calibration

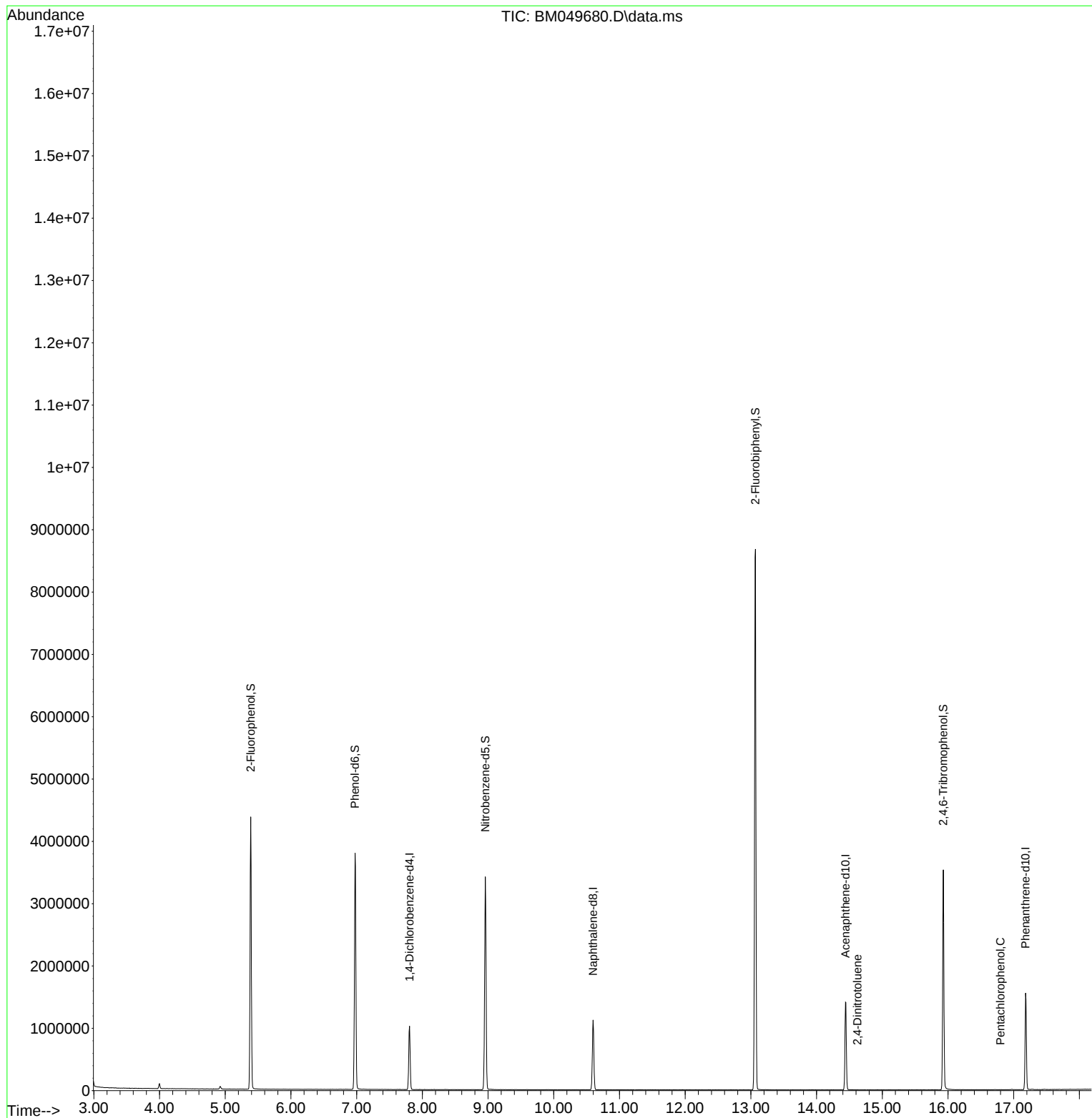
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.805  | 152  | 267882   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.599 | 136  | 881999   | 20.000  | ng    | -0.03    |
| 39) Acenaphthene-d10        | 14.439 | 164  | 497065   | 20.000  | ng    | -0.03    |
| 64) Phenanthrene-d10        | 17.180 | 188  | 897905   | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.415 | 240  | 738243   | 20.000  | ng    | -0.03    |
| 86) Perylene-d12            | 24.433 | 264  | 796061   | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.387  | 112  | 1694874  | 101.743 | ng    | 0.00     |
| 7) Phenol-d6                | 6.975  | 99   | 2016933  | 92.416  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.957  | 82   | 1870101  | 109.062 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.928 | 330  | 566821   | 96.238  | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.069 | 172  | 4454073  | 116.082 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.810 | 244  | 6284003  | 129.983 | ng    | -0.02    |
| Target Compounds            |        |      |          |         |       |          |
| 57) 2,4-Dinitrotoluene      | 14.622 | 165  | 54       | 2.569   | ng    | # 18     |
| 70) Pentachlorophenol       | 16.798 | 266  | 102      | 7.724   | ng    | # 48     |
| -----                       |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022825\  
Data File : BM049680.D  
Acq On : 28 Feb 2025 15:52  
Operator : RC/JU  
Sample : PB166933BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB166933BL

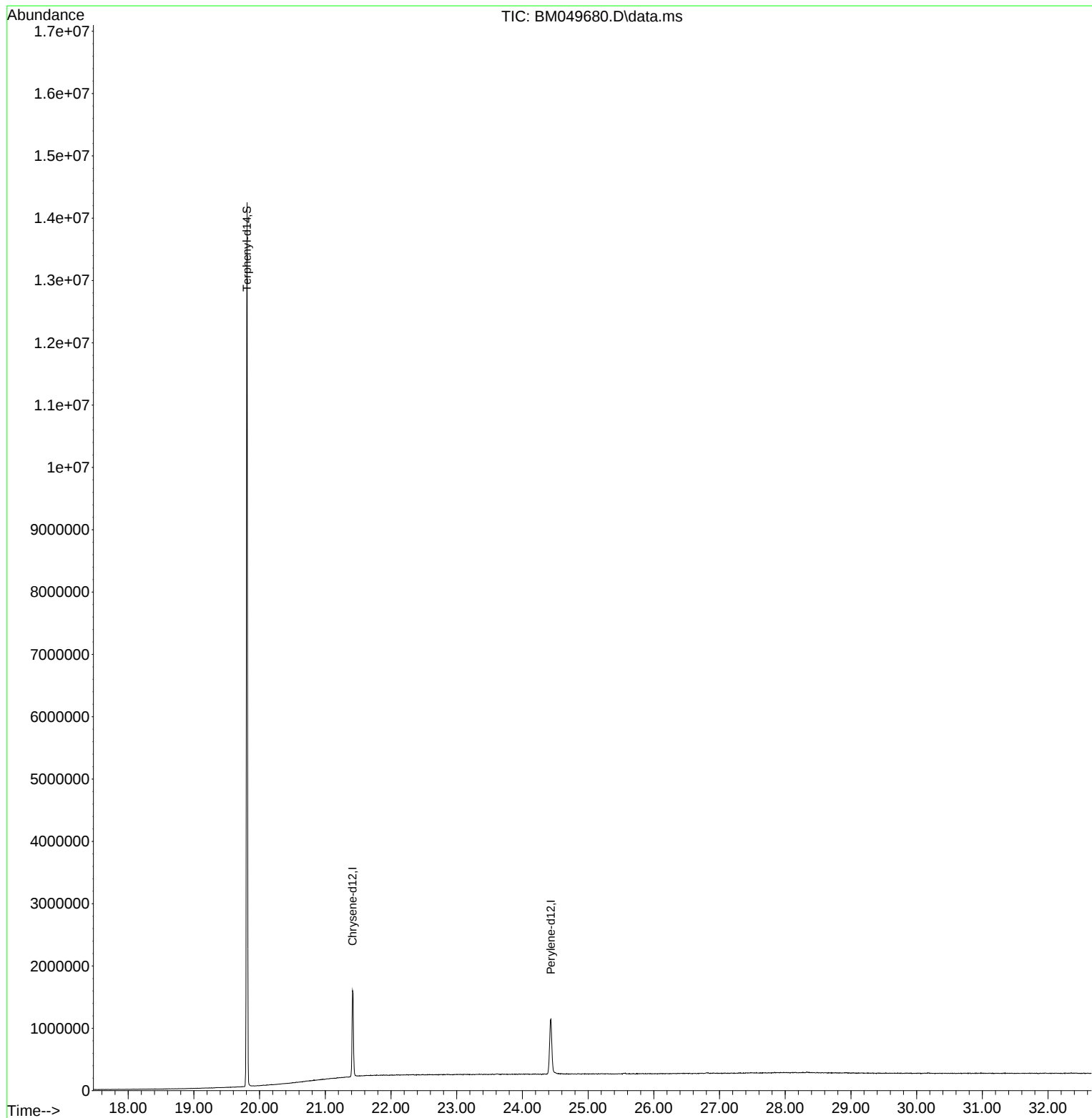
Quant Time: Feb 28 16:39:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 06 04:55:28 2025  
Response via : Initial Calibration

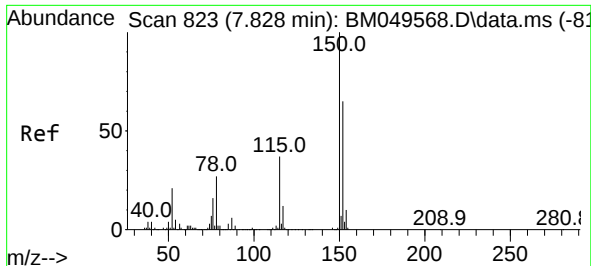


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM022825\  
Data File : BM049680.D  
Acq On : 28 Feb 2025 15:52  
Operator : RC/JU  
Sample : PB166933BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB166933BL

Quant Time: Feb 28 16:39:28 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 06 04:55:28 2025  
Response via : Initial Calibration

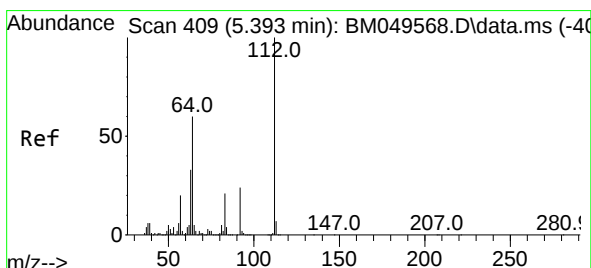
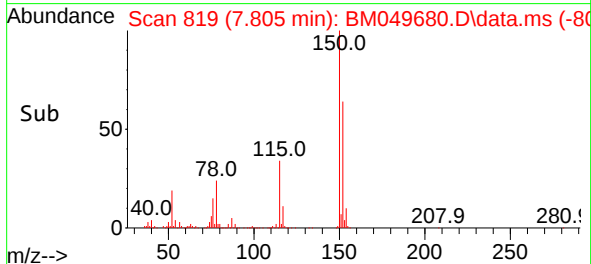
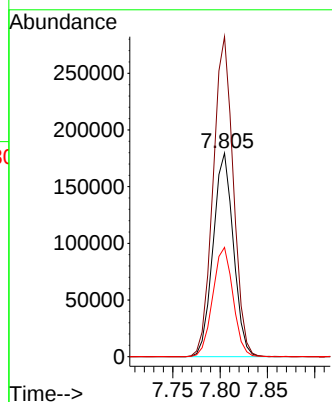
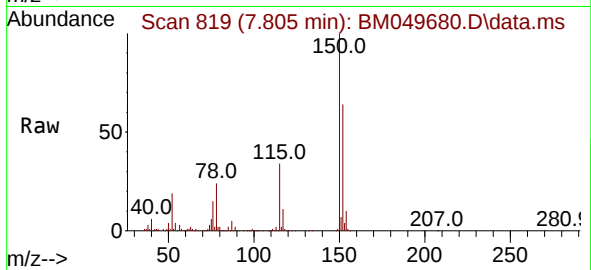




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.805 min Scan# 81  
Delta R.T. -0.023 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

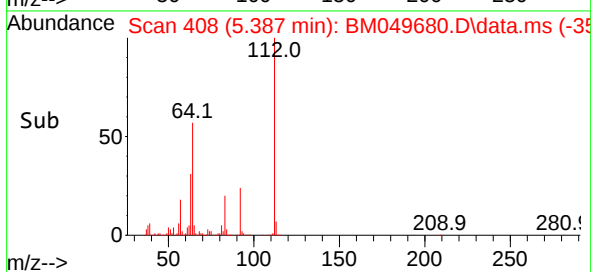
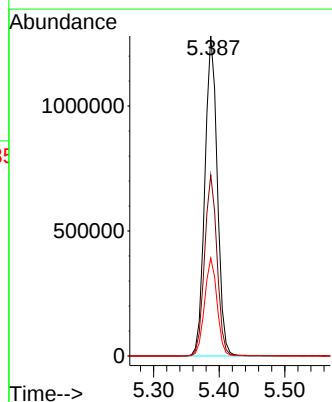
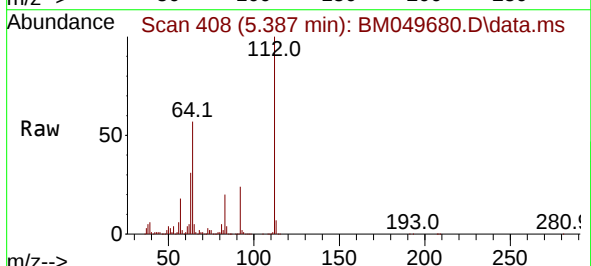
Instrument :  
BNA\_M  
ClientSampleId :  
PB166933BL

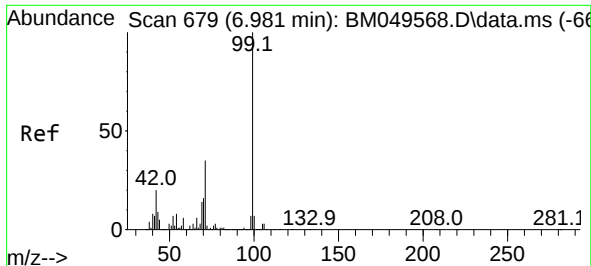
Tgt Ion:152 Resp: 267882  
Ion Ratio Lower Upper  
152 100  
150 157.2 122.6 184.0  
115 53.7 45.4 68.0



#5  
2-Fluorophenol  
Concen: 101.743 ng  
RT: 5.387 min Scan# 408  
Delta R.T. -0.005 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

Tgt Ion:112 Resp: 1694874  
Ion Ratio Lower Upper  
112 100  
64 56.6 47.8 71.8  
63 30.6 26.2 39.4

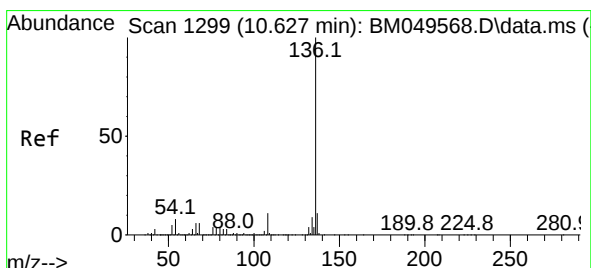
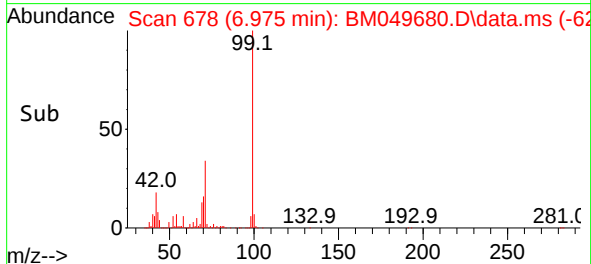
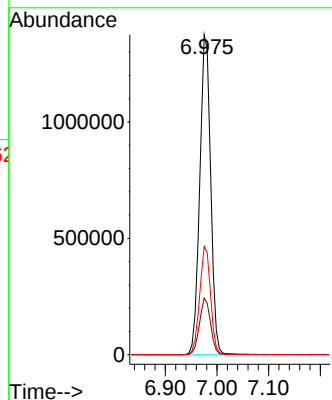
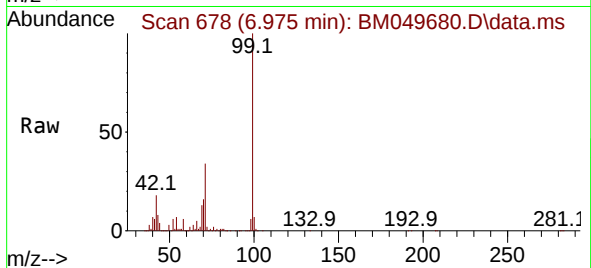




#7  
Phenol-d6  
Concen: 92.416 ng  
RT: 6.975 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

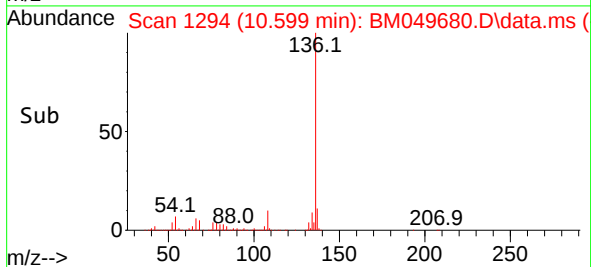
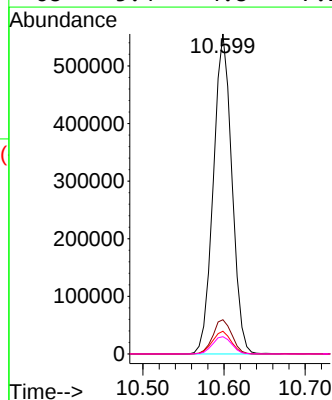
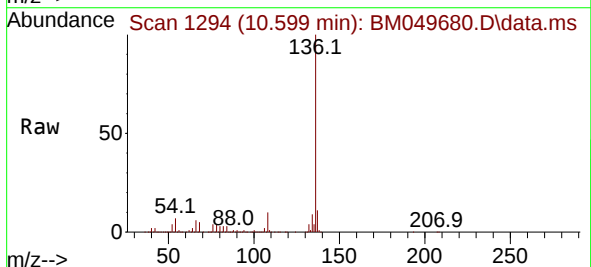
Instrument :  
BNA\_M  
ClientSampleId :  
PB166933BL

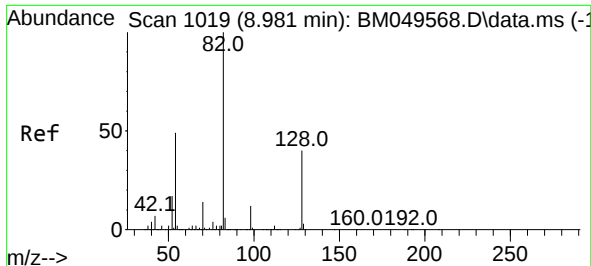
Tgt Ion: 99 Resp: 2016933  
Ion Ratio Lower Upper  
99 100  
42 17.7 16.0 24.0  
71 33.8 27.8 41.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.599 min Scan# 1294  
Delta R.T. -0.029 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

Tgt Ion: 136 Resp: 881999  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 7.1 6.6 10.0  
68 5.4 4.8 7.2

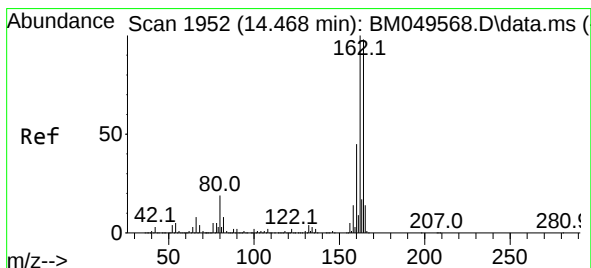
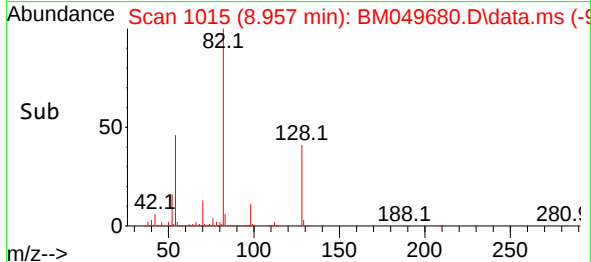
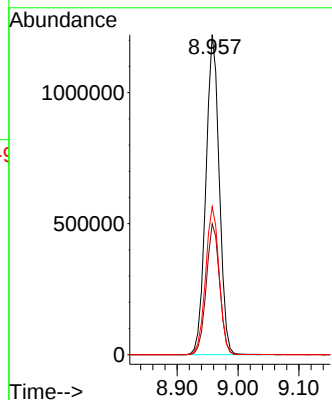
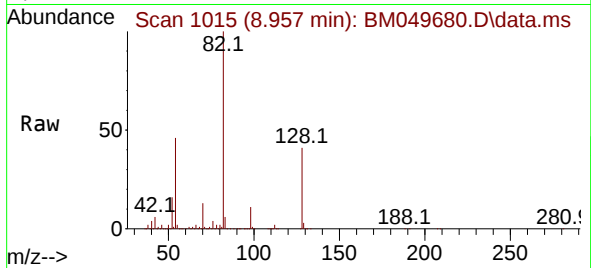




#23  
Nitrobenzene-d5  
Concen: 109.062 ng  
RT: 8.957 min Scan# 1015  
Delta R.T. -0.023 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

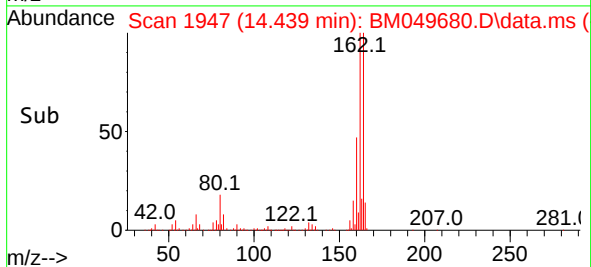
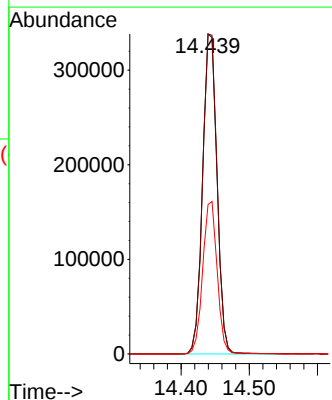
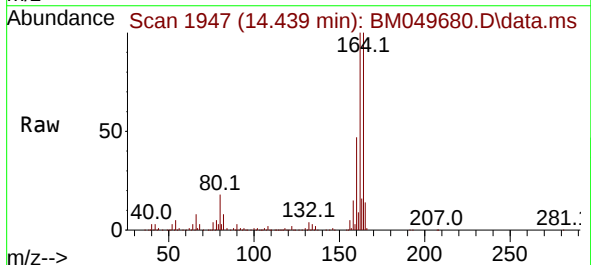
Instrument :  
BNA\_M  
ClientSampleId :  
PB166933BL

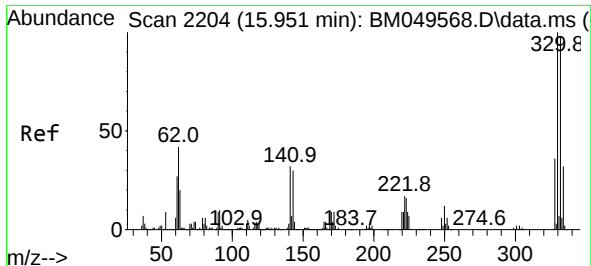
Tgt Ion: 82 Resp: 1870101  
Ion Ratio Lower Upper  
82 100  
128 40.9 31.6 47.4  
54 46.3 39.4 59.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.439 min Scan# 1947  
Delta R.T. -0.029 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

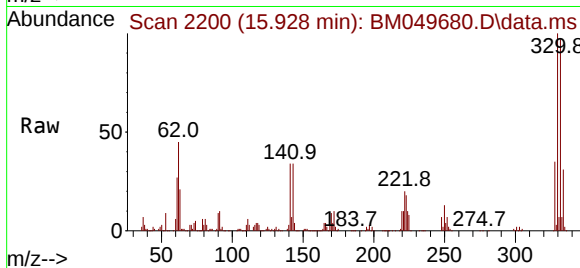
Tgt Ion:164 Resp: 497065  
Ion Ratio Lower Upper  
164 100  
162 100.0 81.4 122.0  
160 46.7 36.2 54.4



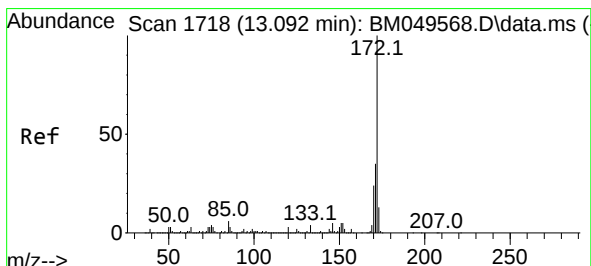
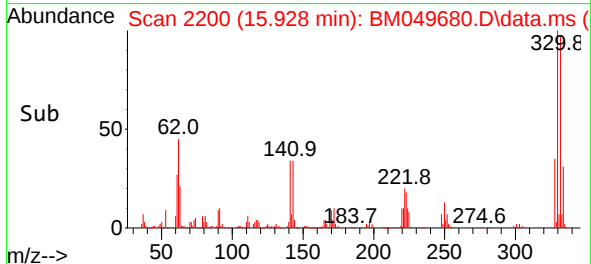
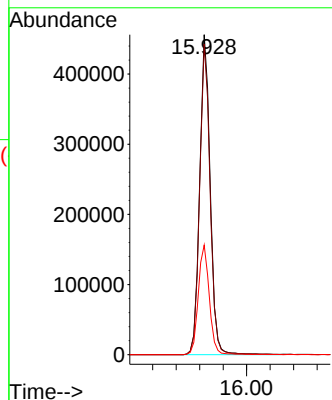


#42  
2,4,6-Tribromophenol  
Concen: 96.238 ng  
RT: 15.928 min Scan# 21  
Delta R.T. -0.023 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

Instrument :  
BNA\_M  
ClientSampleId :  
PB166933BL

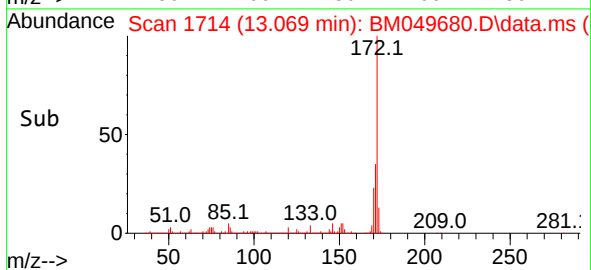
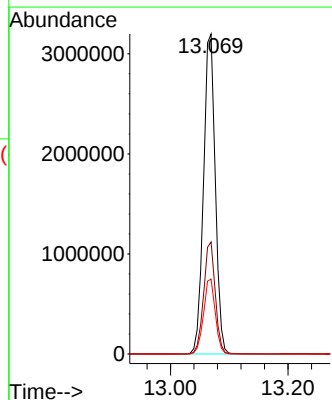
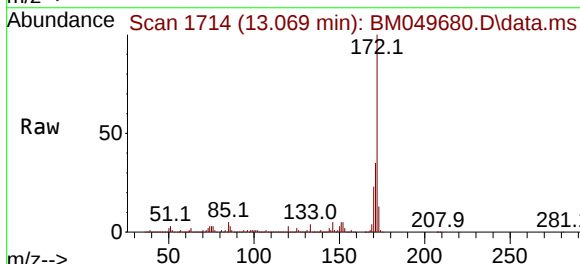


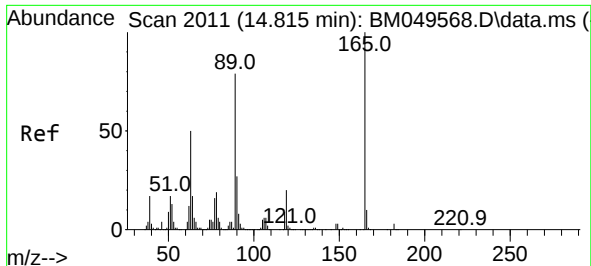
Tgt Ion:330 Resp: 566821  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.3 115.9  
141 35.8 28.2 42.2



#45  
2-Fluorobiphenyl  
Concen: 116.082 ng  
RT: 13.069 min Scan# 1714  
Delta R.T. -0.023 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

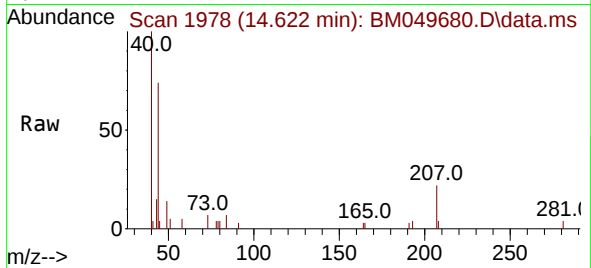
Tgt Ion:172 Resp: 4454073  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.0 42.0  
170 23.4 19.0 28.4



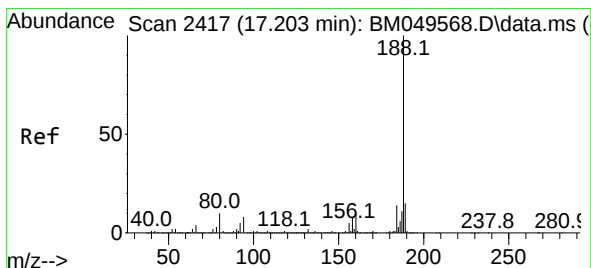
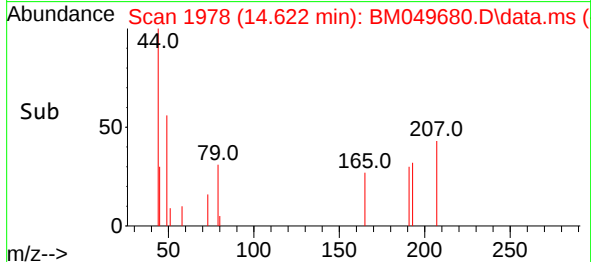
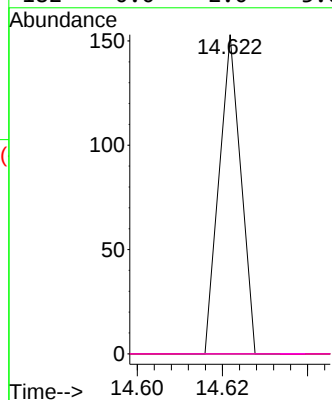


#57  
2,4-Dinitrotoluene  
Concen: 2.569 ng  
RT: 14.622 min Scan# 14  
Delta R.T. -0.194 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

Instrument :  
BNA\_M  
ClientSampleId :  
PB166933BL

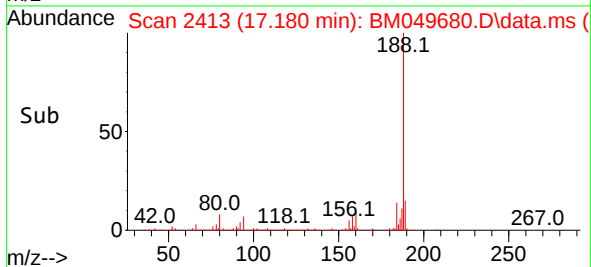
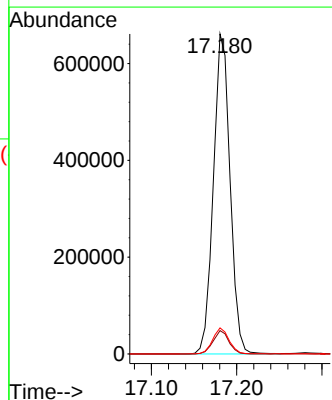
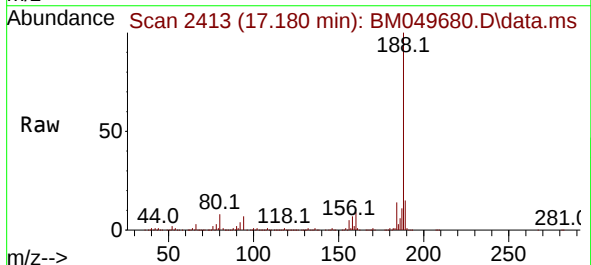


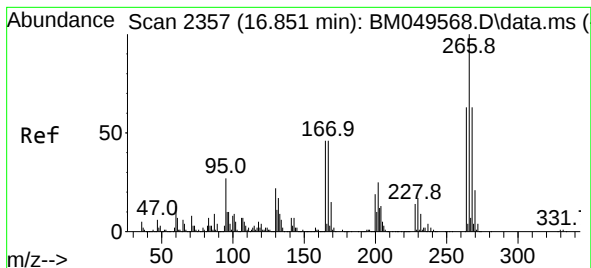
Tgt Ion:165 Resp: 54  
Ion Ratio Lower Upper  
165 100  
63 0.0 39.8 59.6#  
89 0.0 63.5 95.3#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.180 min Scan# 2413  
Delta R.T. -0.023 min  
Lab File: BM049680.D  
Acq: 28 Feb 2025 15:52

Tgt Ion:188 Resp: 897905  
Ion Ratio Lower Upper  
188 100  
94 7.3 6.7 10.1  
80 8.2 7.7 11.5





#70

Pentachlorophenol

Concen: 7.724 ng

RT: 16.798 min Scan# 21

Delta R.T. -0.052 min

Lab File: BM049680.D

Acq: 28 Feb 2025 15:52

Instrument :

BNA\_M

ClientSampleId :

PB166933BL

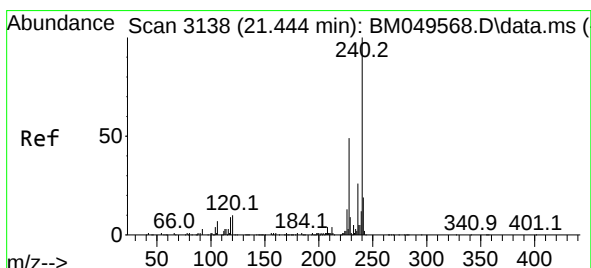
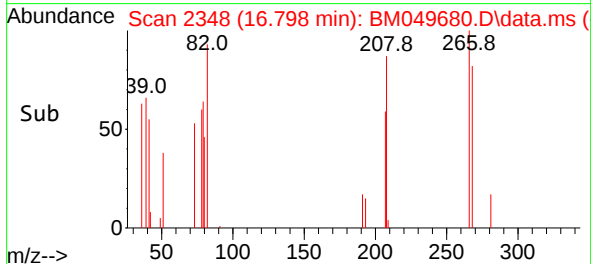
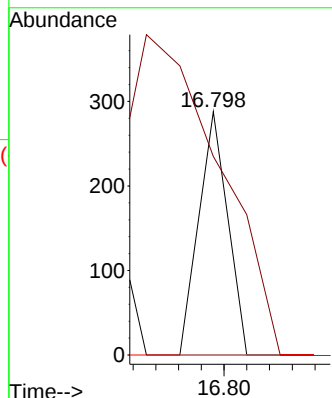
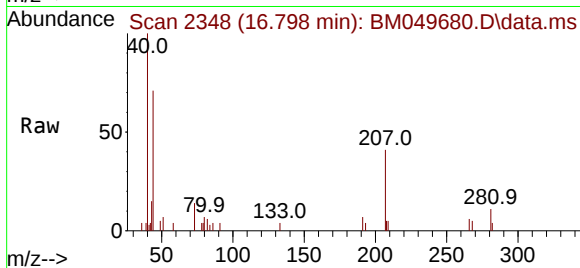
Tgt Ion:266 Resp: 102

Ion Ratio Lower Upper

266 100

268 81.6 50.8 76.2#

264 0.0 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.415 min Scan# 3133

Delta R.T. -0.029 min

Lab File: BM049680.D

Acq: 28 Feb 2025 15:52

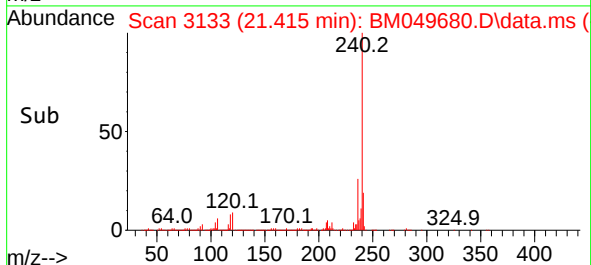
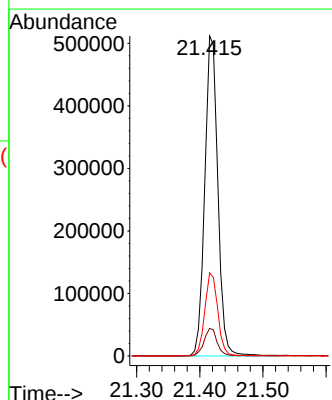
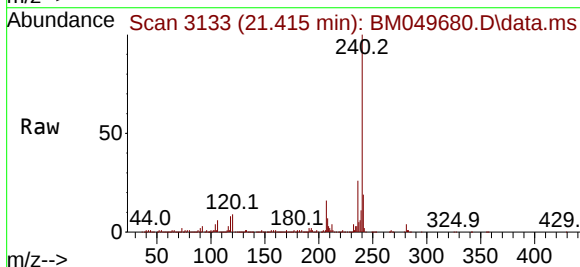
Tgt Ion:240 Resp: 738243

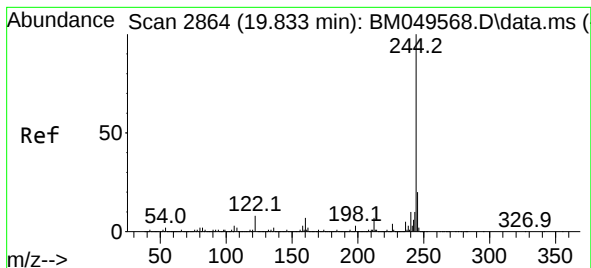
Ion Ratio Lower Upper

240 100

120 8.6 7.8 11.8

236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 129.983 ng

RT: 19.810 min Scan# 21

Delta R.T. -0.023 min

Lab File: BM049680.D

Acq: 28 Feb 2025 15:52

Instrument :

BNA\_M

ClientSampleId :

PB166933BL

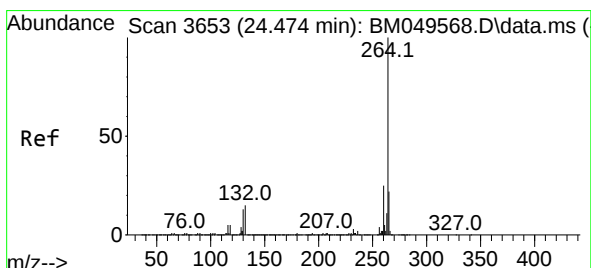
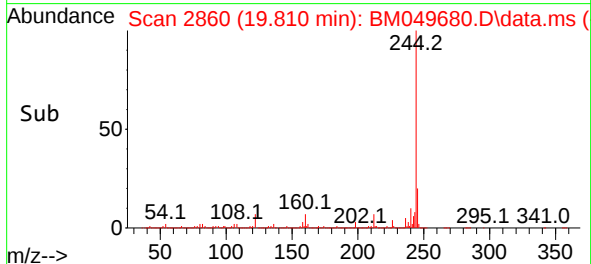
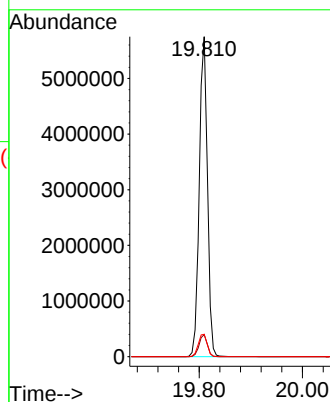
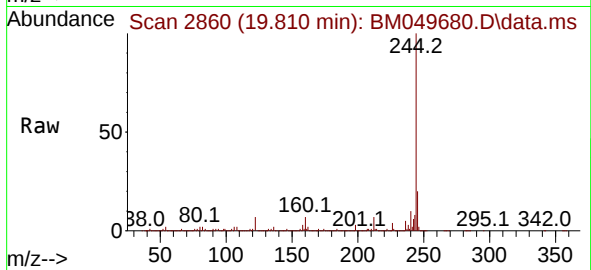
Tgt Ion:244 Resp: 6284003

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 7.0 6.2 9.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.433 min Scan# 3646

Delta R.T. -0.041 min

Lab File: BM049680.D

Acq: 28 Feb 2025 15:52

Tgt Ion:264 Resp: 796061

Ion Ratio Lower Upper

264 100

260 24.0 19.8 29.6

265 21.3 17.5 26.3

