

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020625\  
 Data File : BM049576.D  
 Acq On : 06 Feb 2025 10:20  
 Operator : RC/JU  
 Sample : PB166216BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB166216BL

Quant Time: Feb 06 11:14:22 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

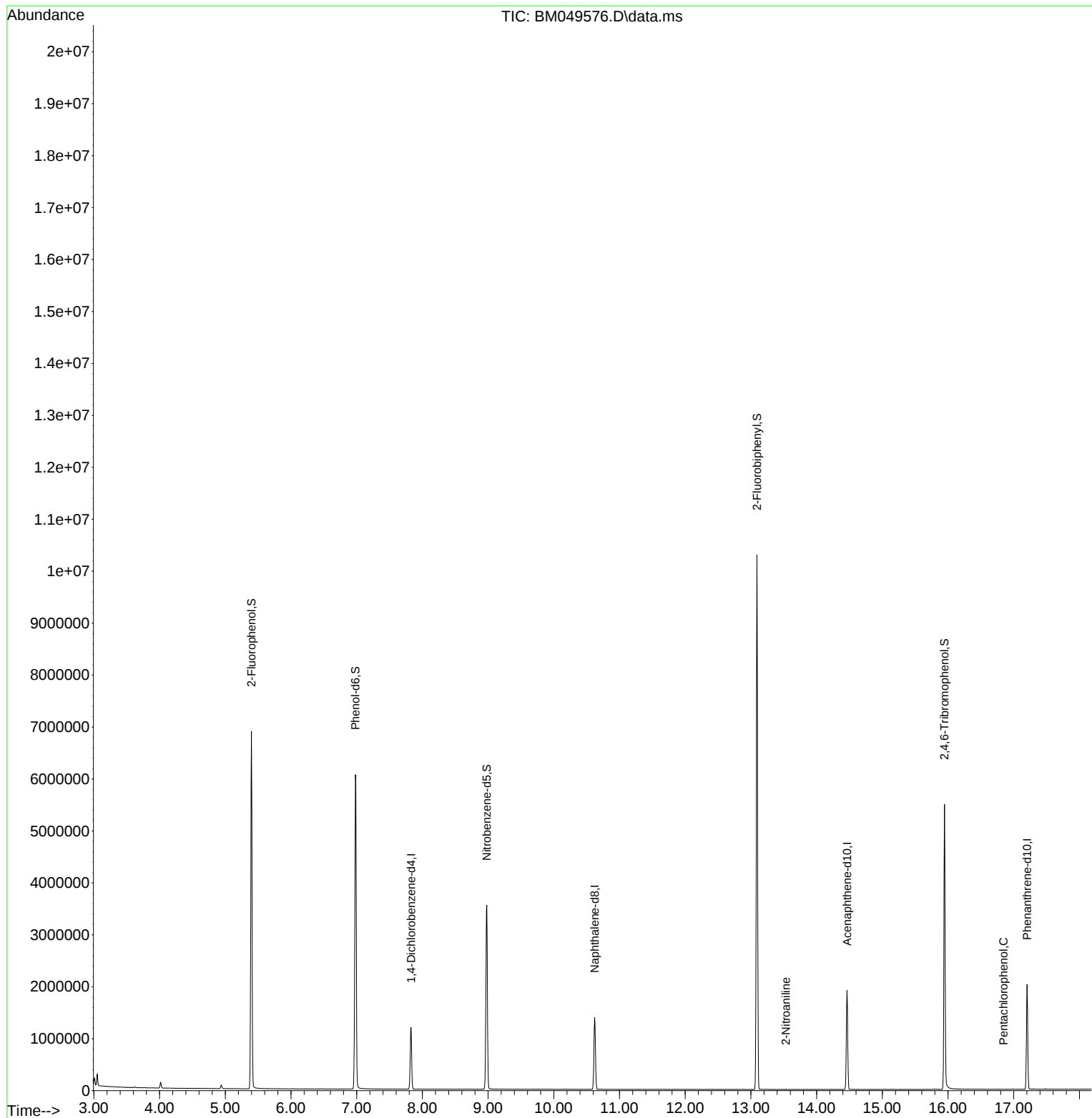
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.828  | 152  | 301046   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.622 | 136  | 1056173  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.463 | 164  | 617354   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.204 | 188  | 1094021  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.439 | 240  | 739153   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.474 | 264  | 605527   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.399  | 112  | 2593120  | 138.516 | ng    | 0.00     |
| 7) Phenol-d6                | 6.981  | 99   | 3161789  | 128.913 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.981  | 82   | 1946718  | 94.808  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.945 | 330  | 899308   | 122.938 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.092 | 172  | 4742769  | 99.522  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.833 | 244  | 6812887  | 140.750 | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 48) 2-Nitroaniline          | 13.533 | 65   | 65       | 4.133   | ng    | # 6      |
| 70) Pentachlorophenol       | 16.845 | 266  | 79       | 7.720   | ng    | # 19     |
| -----                       |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020625\  
Data File : BM049576.D  
Acq On : 06 Feb 2025 10:20  
Operator : RC/JU  
Sample : PB166216BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PB166216BL

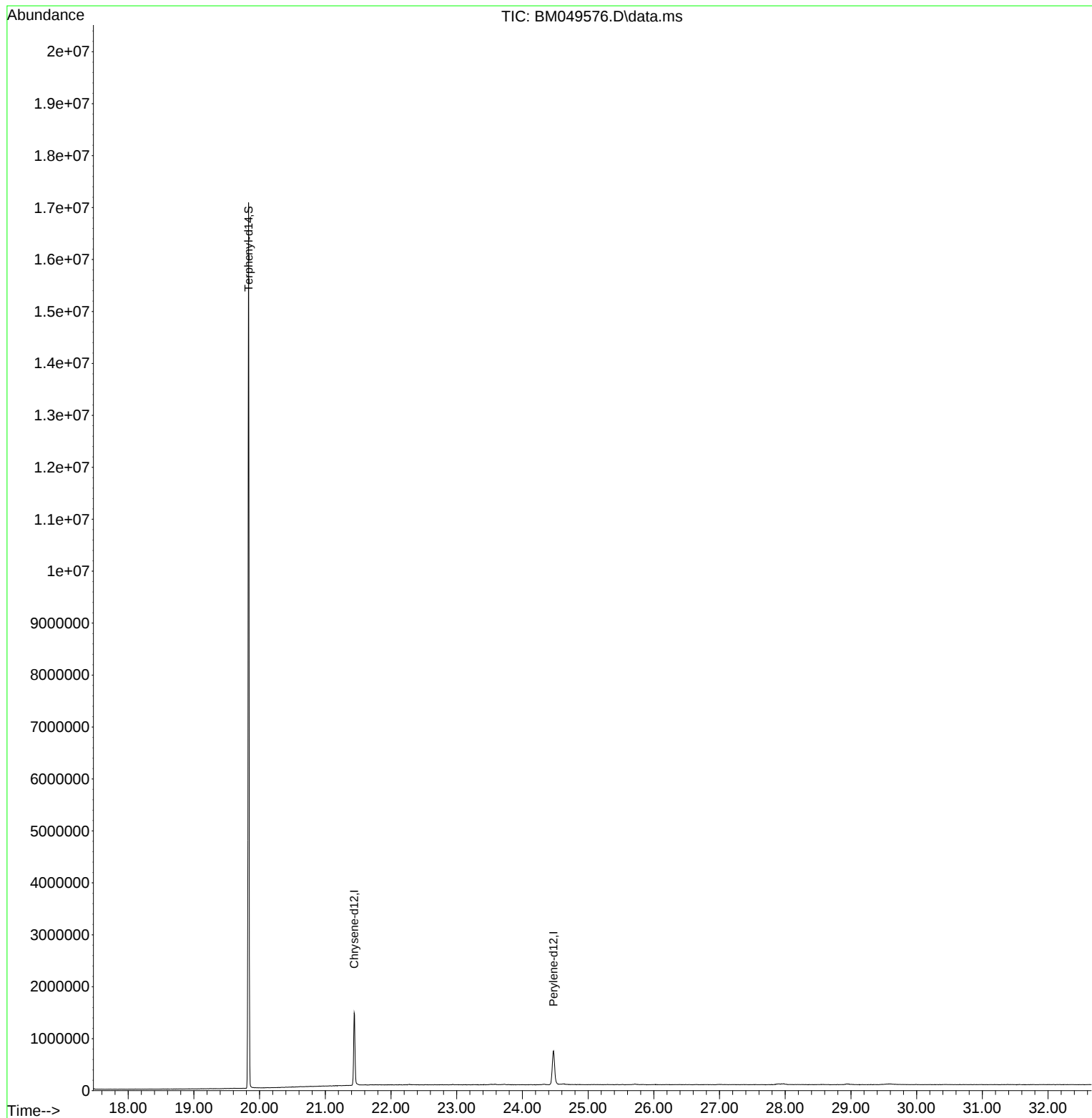
Quant Time: Feb 06 11:14:22 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 06 04:55:28 2025  
Response via : Initial Calibration

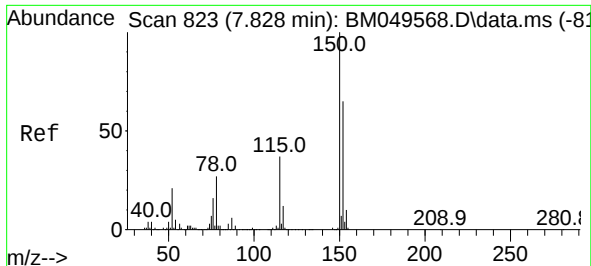


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM020625\  
Data File : BM049576.D  
Acq On : 06 Feb 2025 10:20  
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Quant Time: Feb 06 11:14:22 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM020525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 06 04:55:28 2025  
Response via : Initial Calibration

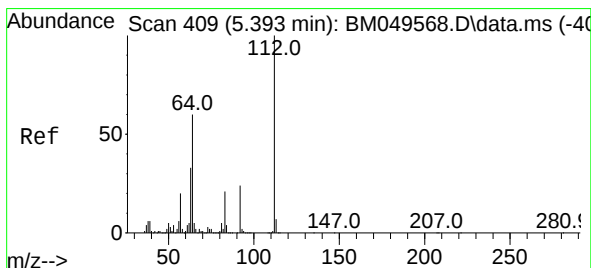
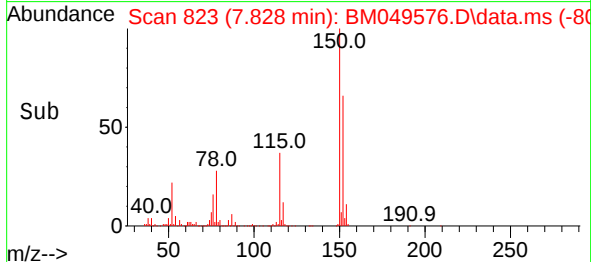
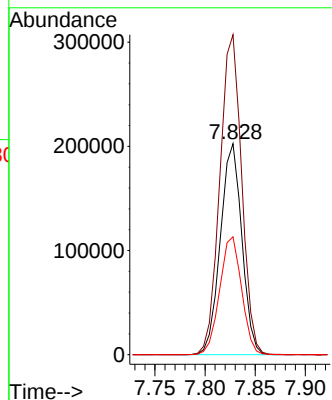
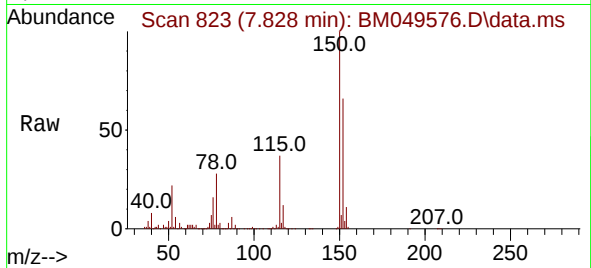




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.828 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BM049576.D  
Acq: 06 Feb 2025 10:20

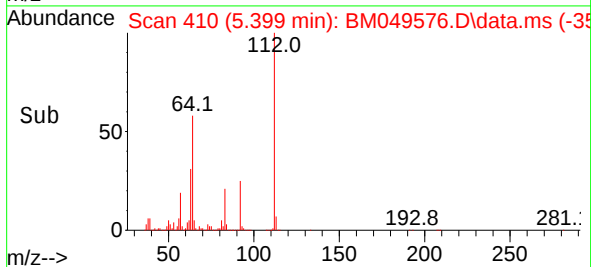
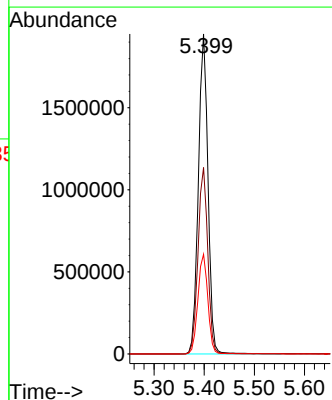
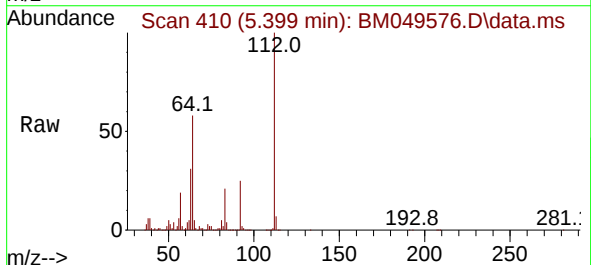
Instrument :  
BNA\_M  
ClientSampleId :  
PB166216BL

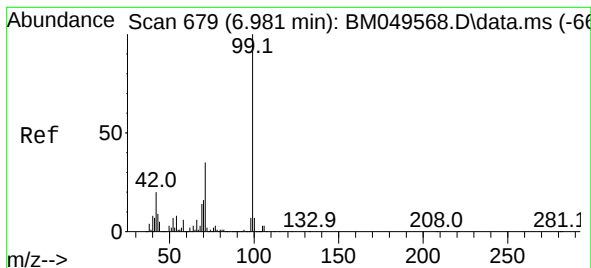
Tgt Ion:152 Resp: 301046  
Ion Ratio Lower Upper  
152 100  
150 151.6 122.6 184.0  
115 55.8 45.4 68.0



#5  
2-Fluorophenol  
Concen: 138.516 ng  
RT: 5.399 min Scan# 410  
Delta R.T. 0.006 min  
Lab File: BM049576.D  
Acq: 06 Feb 2025 10:20

Tgt Ion:112 Resp: 2593120  
Ion Ratio Lower Upper  
112 100  
64 58.2 47.8 71.8  
63 31.1 26.2 39.4

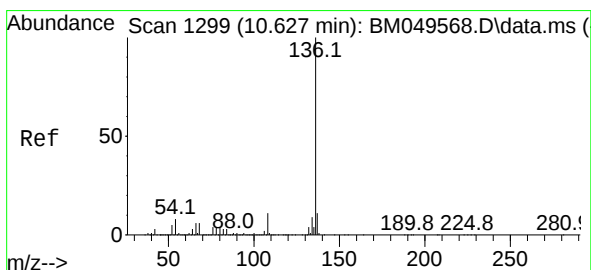
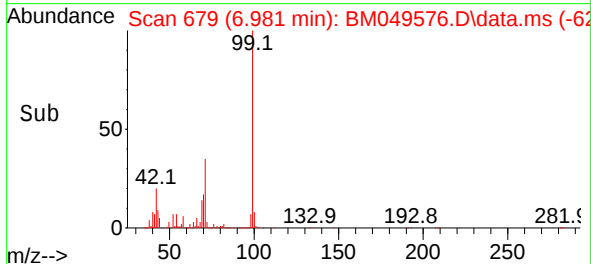
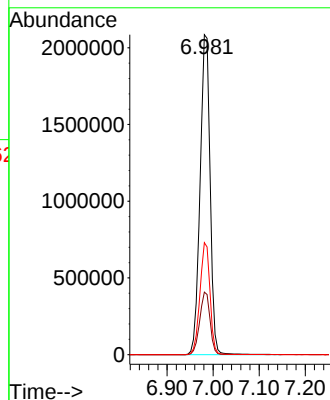
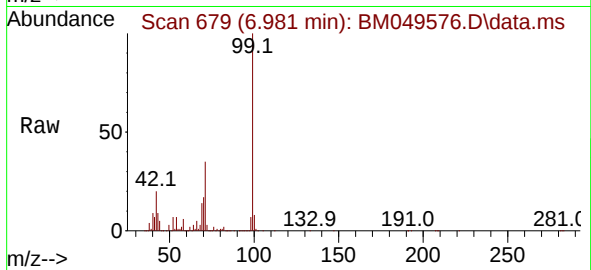




#7  
Phenol-d6  
Concen: 128.913 ng  
RT: 6.981 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM049576.D  
Acq: 06 Feb 2025 10:20

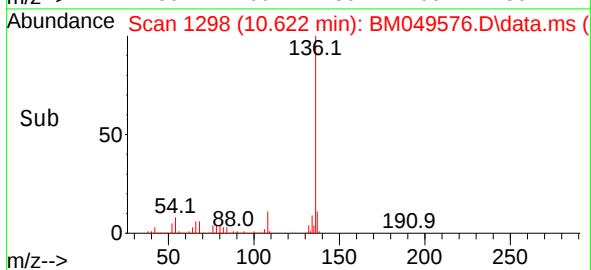
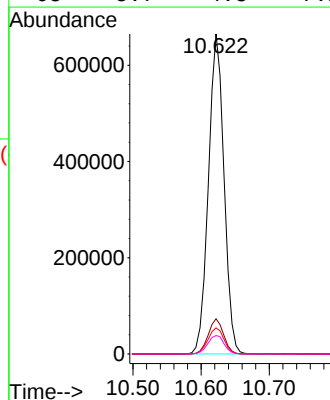
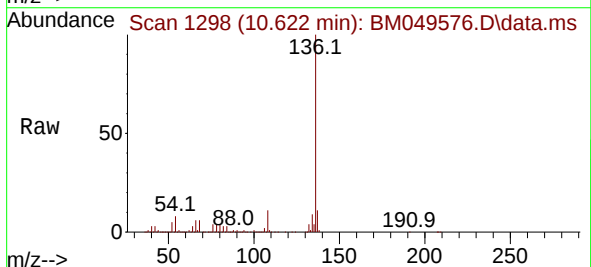
Instrument :  
BNA\_M  
ClientSampleId :  
PB166216BL

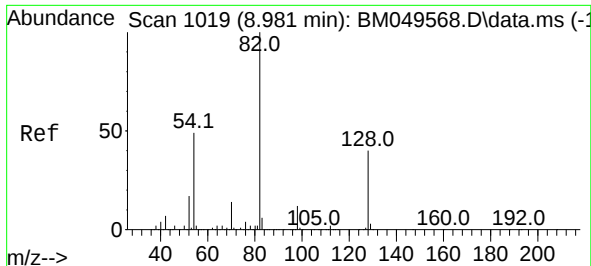
Tgt Ion: 99 Resp: 3161789  
Ion Ratio Lower Upper  
99 100  
42 19.6 16.0 24.0  
71 35.0 27.8 41.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.622 min Scan# 1298  
Delta R.T. -0.006 min  
Lab File: BM049576.D  
Acq: 06 Feb 2025 10:20

Tgt Ion: 136 Resp: 1056173  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 13.0  
54 8.2 6.6 10.0  
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.808 ng

RT: 8.981 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BM049576.D

Acq: 06 Feb 2025 10:20

Instrument :

BNA\_M

ClientSampleId :

PB166216BL

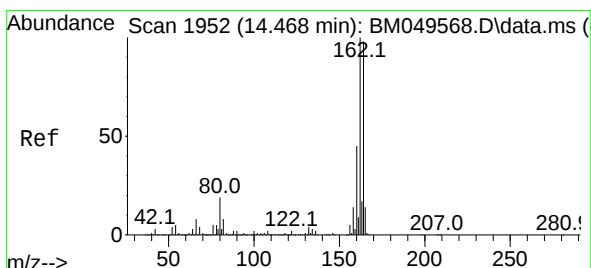
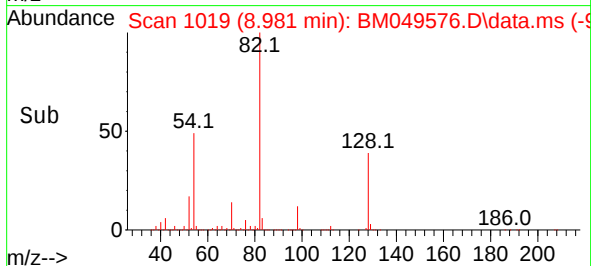
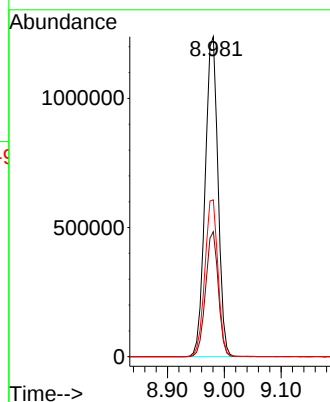
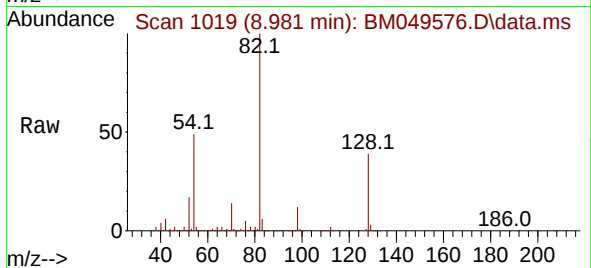
Tgt Ion: 82 Resp: 1946718

Ion Ratio Lower Upper

82 100

128 39.1 31.6 47.4

54 49.0 39.4 59.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.463 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BM049576.D

Acq: 06 Feb 2025 10:20

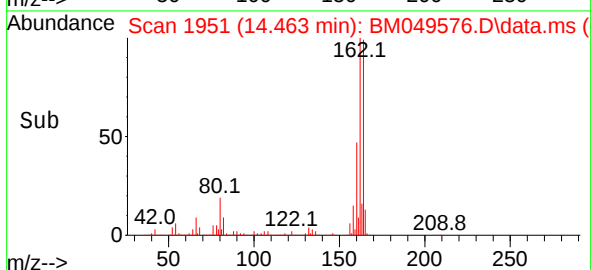
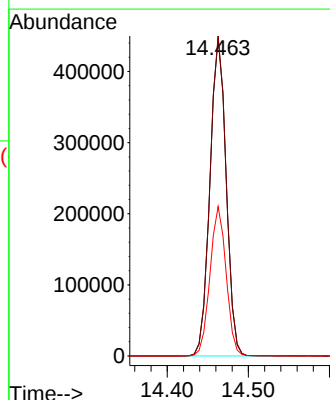
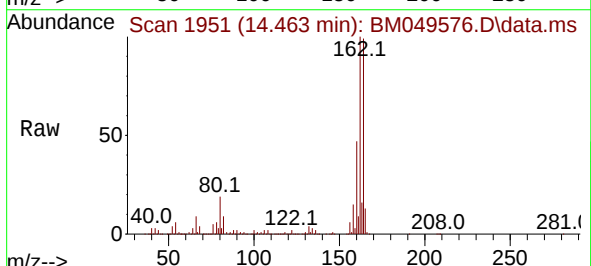
Tgt Ion:164 Resp: 617354

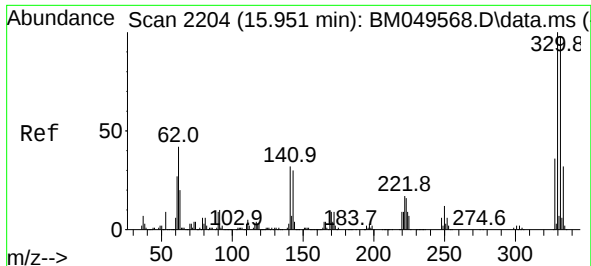
Ion Ratio Lower Upper

164 100

162 100.8 81.4 122.0

160 47.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 122.938 ng

RT: 15.945 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM049576.D

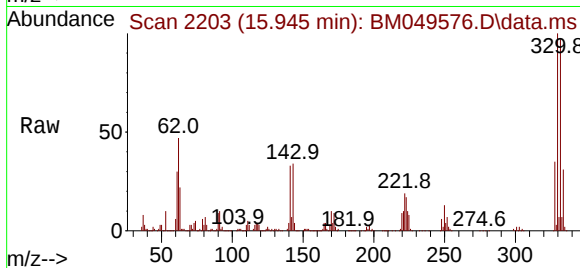
Acq: 06 Feb 2025 10:20

Instrument :

BNA\_M

ClientSampleId :

PB166216BL



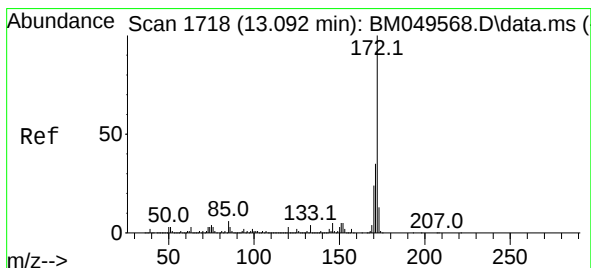
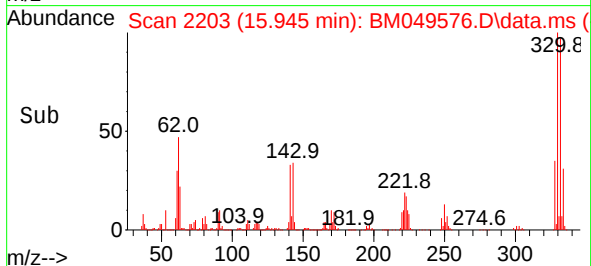
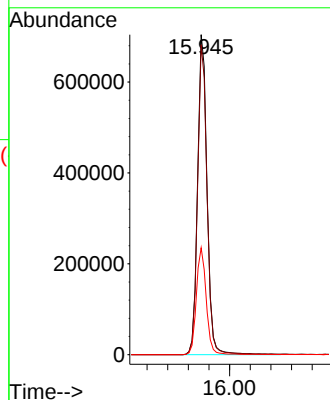
Tgt Ion:330 Resp: 899308

Ion Ratio Lower Upper

330 100

332 96.2 77.3 115.9

141 34.7 28.2 42.2



#45

2-Fluorobiphenyl

Concen: 99.522 ng

RT: 13.092 min Scan# 1718

Delta R.T. 0.000 min

Lab File: BM049576.D

Acq: 06 Feb 2025 10:20

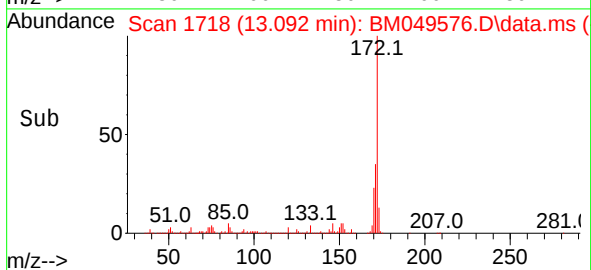
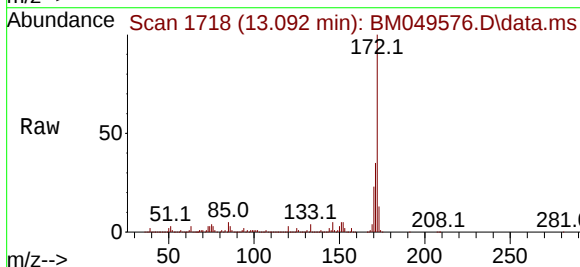
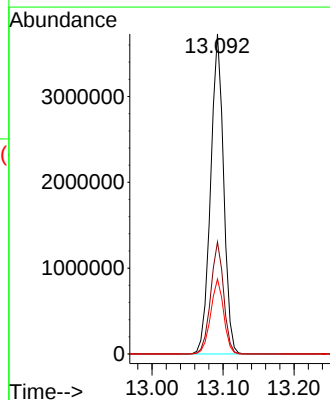
Tgt Ion:172 Resp: 4742769

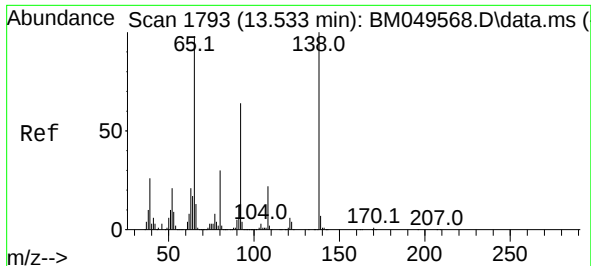
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.4 19.0 28.4

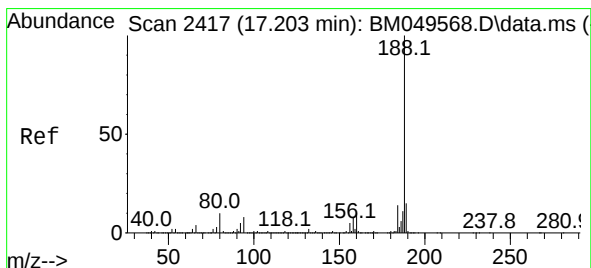
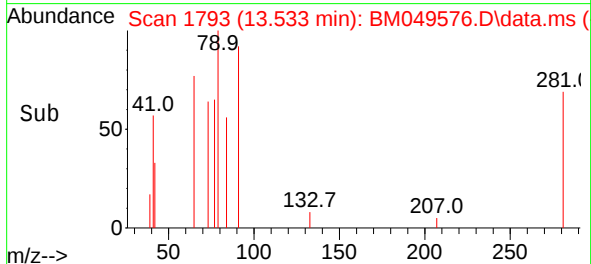
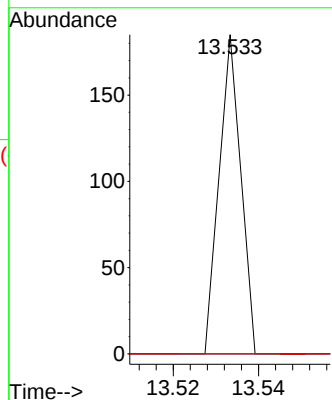
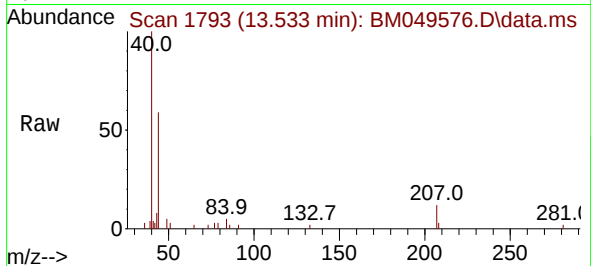




#48  
2-Nitroaniline  
Concen: 4.133 ng  
RT: 13.533 min Scan# 1793  
Delta R.T. 0.000 min  
Lab File: BM049576.D  
Acq: 06 Feb 2025 10:20

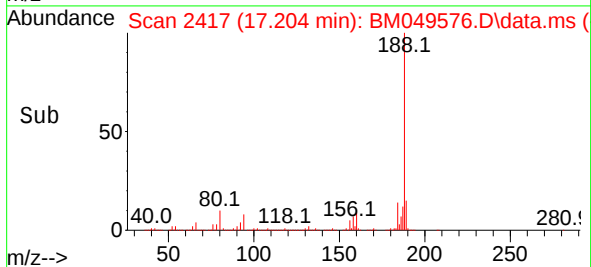
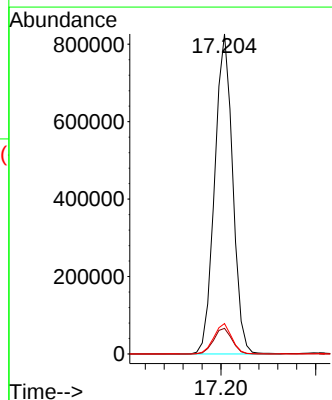
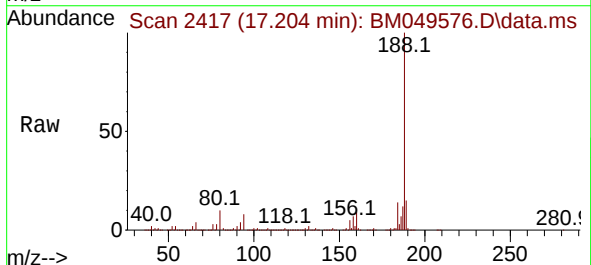
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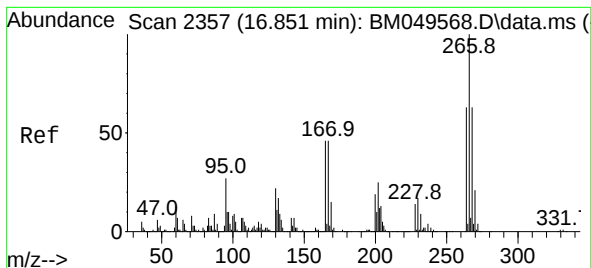
Tgt Ion: 65 Resp: 65  
Ion Ratio Lower Upper  
65 100  
92 0.0 52.0 78.0#  
138 0.0 81.6 122.4#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.204 min Scan# 2417  
Delta R.T. 0.000 min  
Lab File: BM049576.D  
Acq: 06 Feb 2025 10:20

Tgt Ion:188 Resp: 1094021  
Ion Ratio Lower Upper  
188 100  
94 8.0 6.7 10.1  
80 9.5 7.7 11.5





#70

Pentachlorophenol

Concen: 7.720 ng

RT: 16.845 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM049576.D

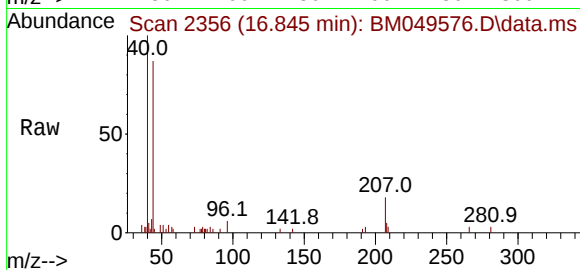
Acq: 06 Feb 2025 10:20

Instrument :

BNA\_M

ClientSampleId :

PB166216BL



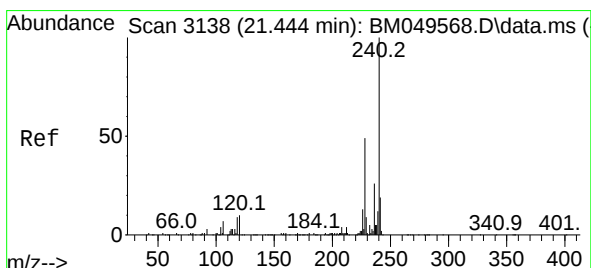
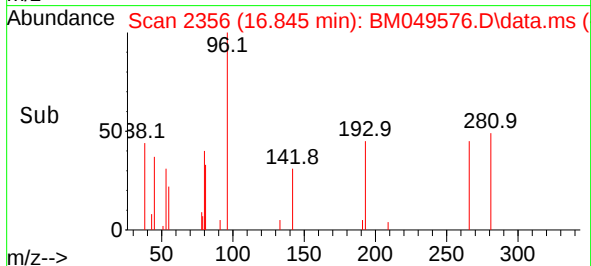
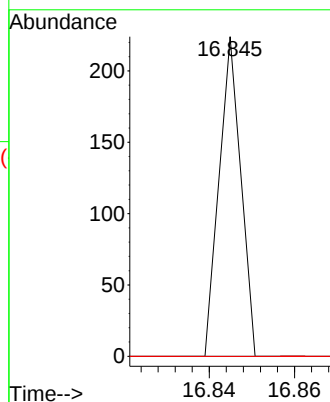
Tgt Ion:266 Resp: 79

Ion Ratio Lower Upper

266 100

268 0.0 50.8 76.2#

264 0.0 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.439 min Scan# 3137

Delta R.T. -0.006 min

Lab File: BM049576.D

Acq: 06 Feb 2025 10:20

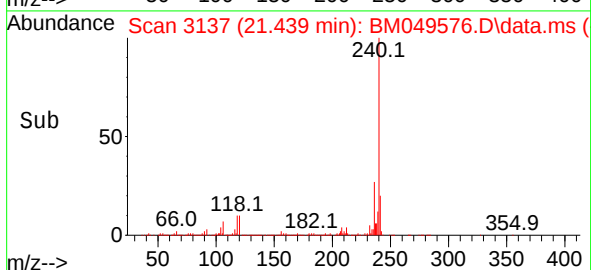
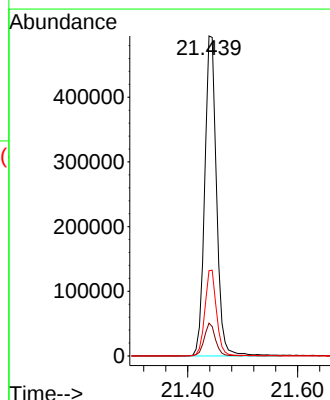
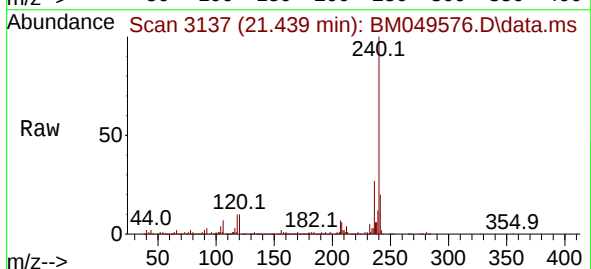
Tgt Ion:240 Resp: 739153

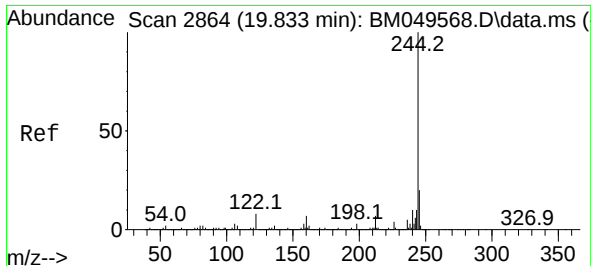
Ion Ratio Lower Upper

240 100

120 10.3 7.8 11.8

236 26.7 20.6 31.0

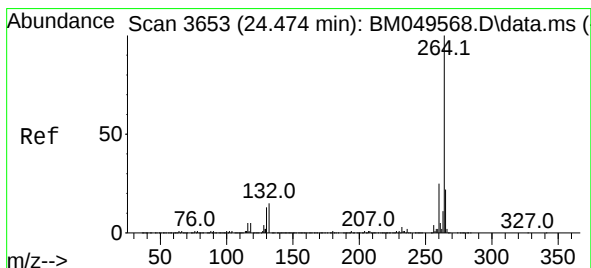
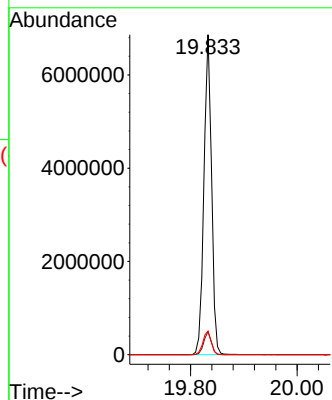
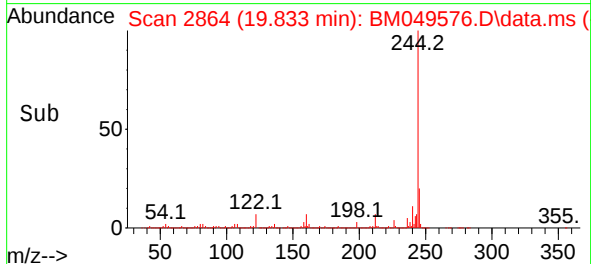
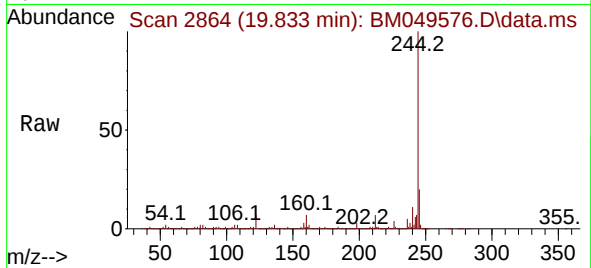




#79  
 Terphenyl-d14  
 Concen: 140.750 ng  
 RT: 19.833 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM049576.D  
 Acq: 06 Feb 2025 10:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB166216BL

Tgt Ion:244 Resp: 6812887  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 7.4 6.2 9.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.474 min Scan# 3653  
 Delta R.T. 0.000 min  
 Lab File: BM049576.D  
 Acq: 06 Feb 2025 10:20

Tgt Ion:264 Resp: 605527  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.8 29.6  
 265 21.3 17.5 26.3

