

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041625\  
 Data File : BM049948.D  
 Acq On : 16 Apr 2025 12:05  
 Operator : RC/JU  
 Sample : PB167587TB  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167587TB

Quant Time: Apr 16 12:44:18 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

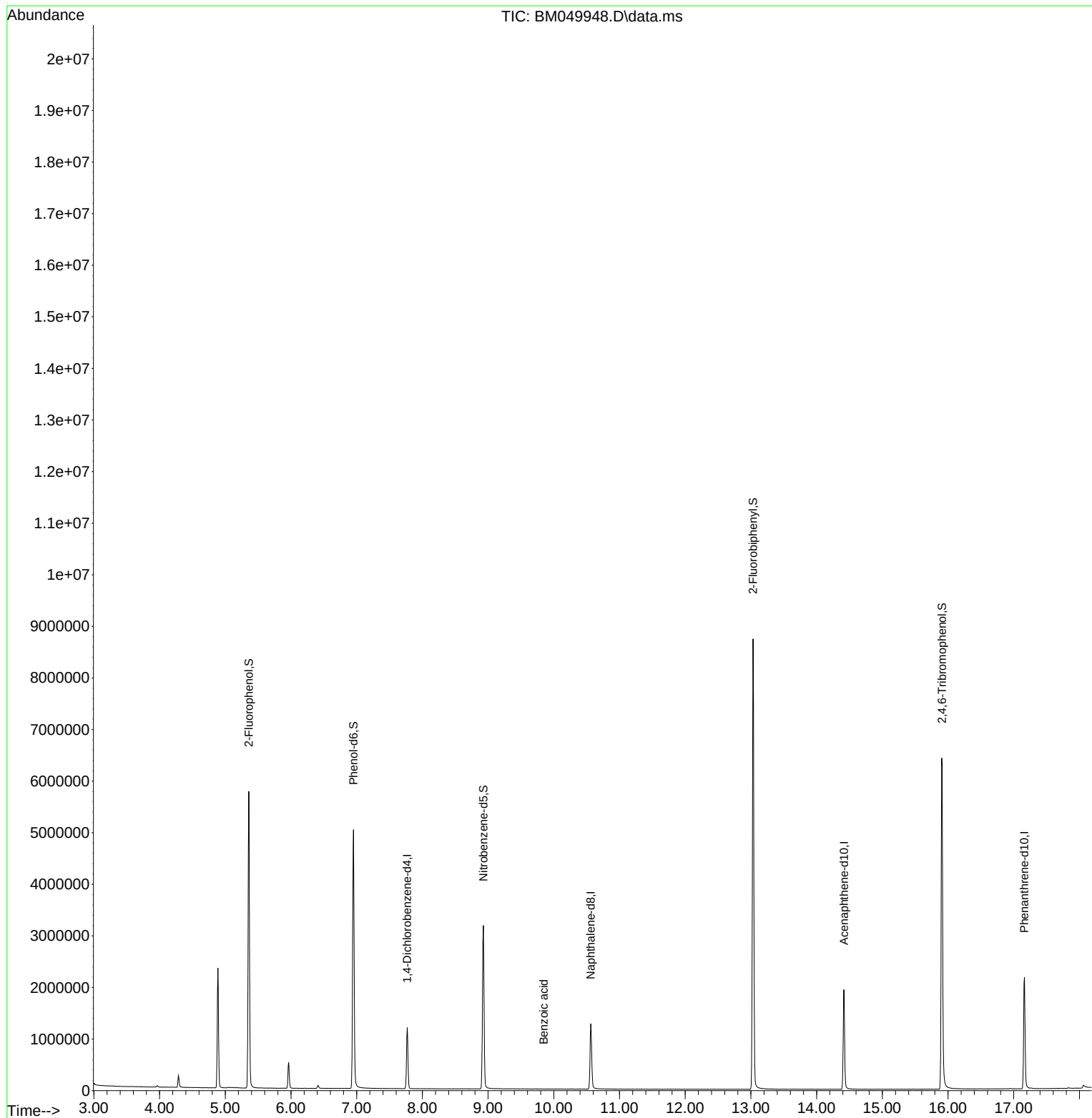
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|---------|-------|------------|
| -----                       |        |      |          |         |       |            |
| Internal Standards          |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.769  | 152  | 340959   | 20.000  | ng    | -0.01      |
| 21) Naphthalene-d8          | 10.563 | 136  | 1139922  | 20.000  | ng    | -0.01      |
| 39) Acenaphthene-d10        | 14.416 | 164  | 732723   | 20.000  | ng    | 0.00       |
| 64) Phenanthrene-d10        | 17.162 | 188  | 1442241  | 20.000  | ng    | 0.00       |
| 76) Chrysene-d12            | 21.403 | 240  | 1379497  | 20.000  | ng    | 0.00       |
| 86) Perylene-d12            | 24.409 | 264  | 1521991  | 20.000  | ng    | 0.00       |
| System Monitoring Compounds |        |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.357  | 112  | 2587891  | 128.885 | ng    | 0.00       |
| 7) Phenol-d6                | 6.951  | 99   | 3096568  | 123.951 | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 8.928  | 82   | 1879437  | 91.811  | ng    | 0.00       |
| 42) 2,4,6-Tribromophenol    | 15.910 | 330  | 1513490  | 142.009 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 13.033 | 172  | 4915373  | 90.966  | ng    | -0.01      |
| 79) Terphenyl-d14           | 19.786 | 244  | 8274746  | 112.413 | ng    | 0.00       |
| Target Compounds            |        |      |          |         |       |            |
| 32) Benzoic acid            | 9.845  | 122  | 59       | 8.542   | ng    | Qvalue # 1 |
| -----                       |        |      |          |         |       |            |

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

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ALS Vial : 6 Sample Multiplier: 1

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PB167587TB

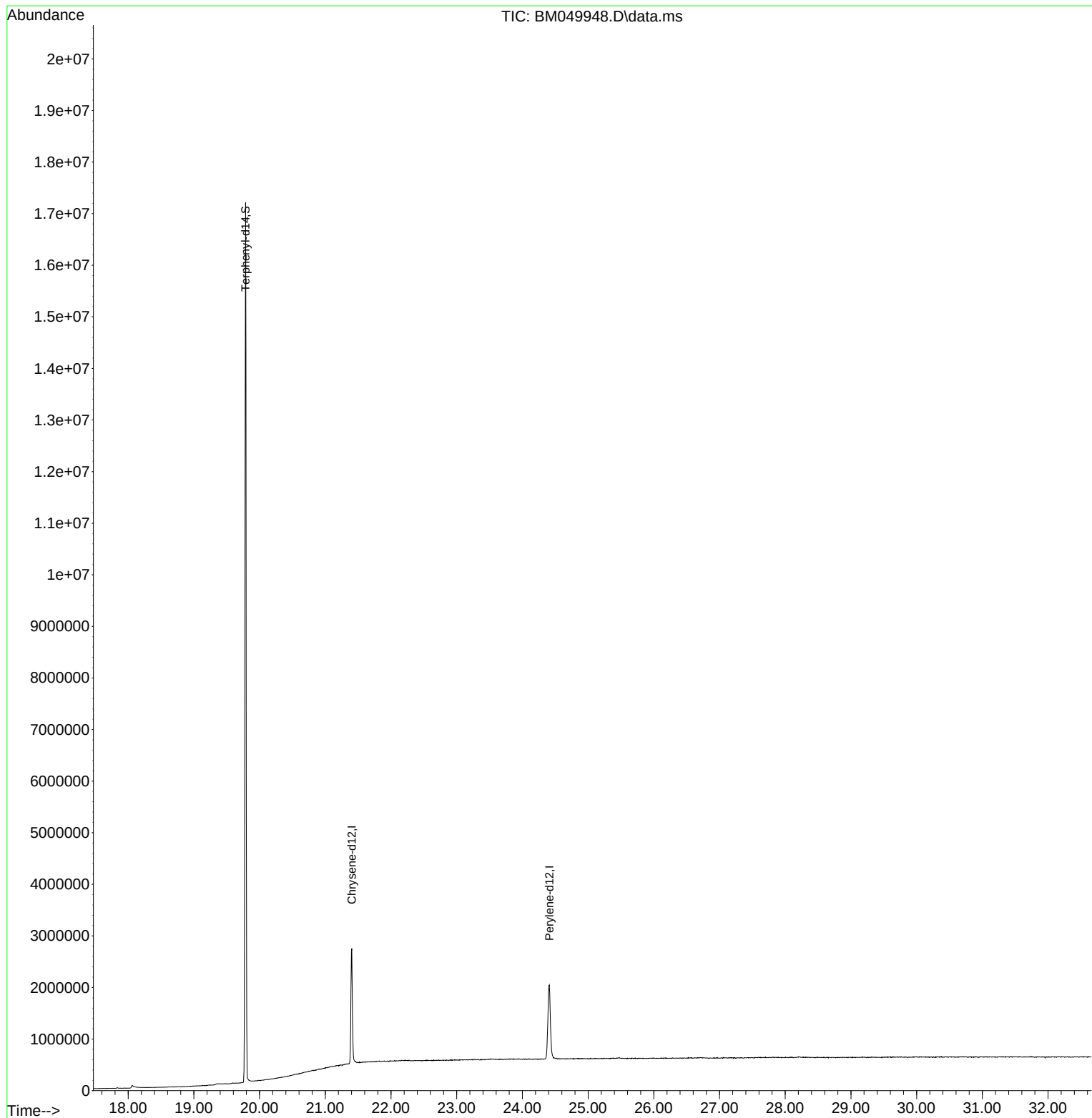
Quant Time: Apr 16 12:44:18 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 09 04:00:55 2025  
Response via : Initial Calibration

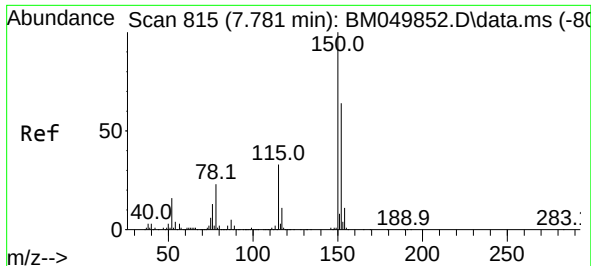


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041625\  
Data File : BM049948.D  
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QLast Update : Wed Apr 09 04:00:55 2025  
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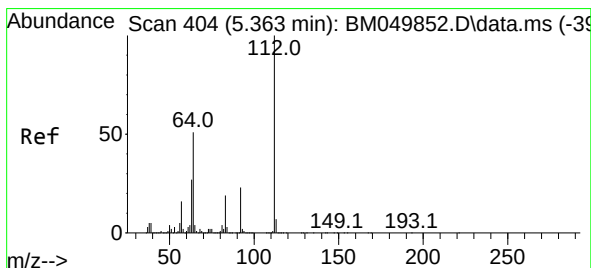
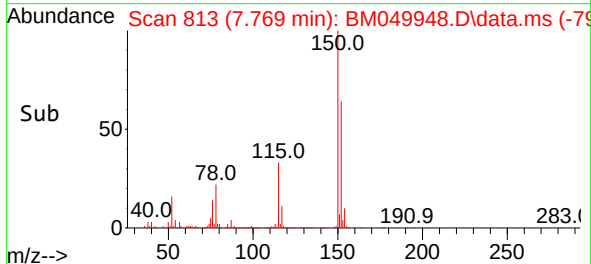
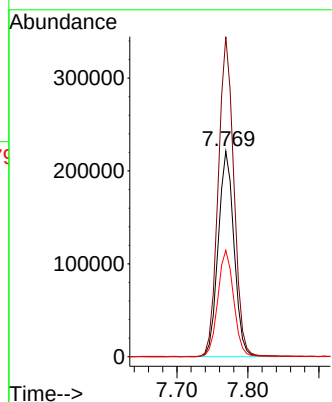
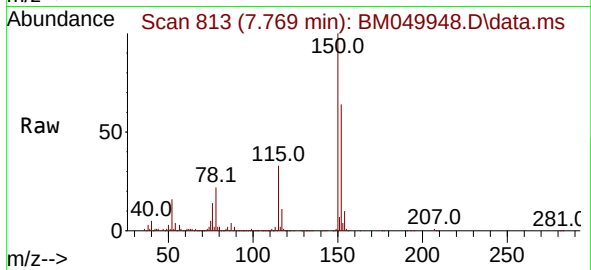




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.769 min Scan# 815  
Delta R.T. -0.012 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

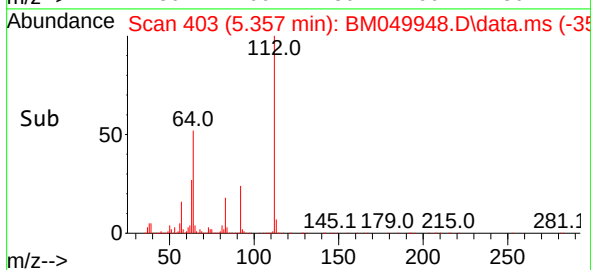
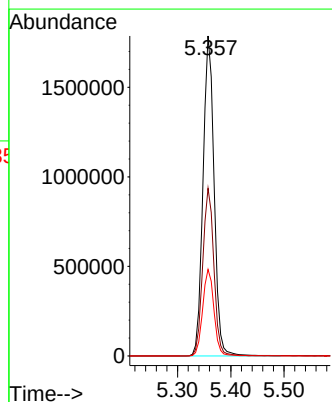
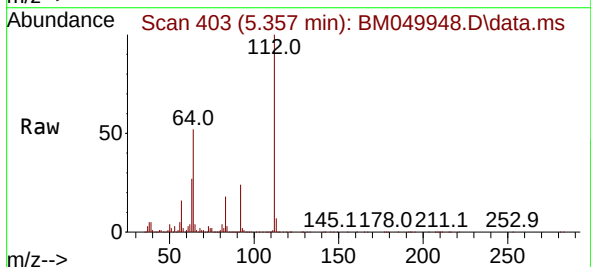
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BNA\_M  
ClientSampleId :  
PB167587TB

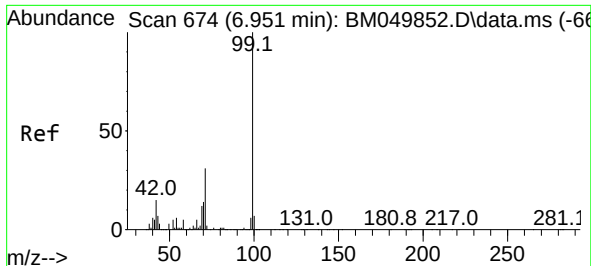
Tgt Ion:152 Resp: 340959  
Ion Ratio Lower Upper  
152 100  
150 155.8 124.3 186.5  
115 51.8 41.1 61.7



#5  
2-Fluorophenol  
Concen: 128.885 ng  
RT: 5.357 min Scan# 403  
Delta R.T. -0.006 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

Tgt Ion:112 Resp: 2587891  
Ion Ratio Lower Upper  
112 100  
64 52.4 41.0 61.6  
63 27.0 21.5 32.3

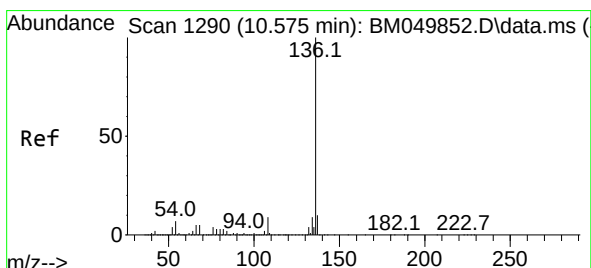
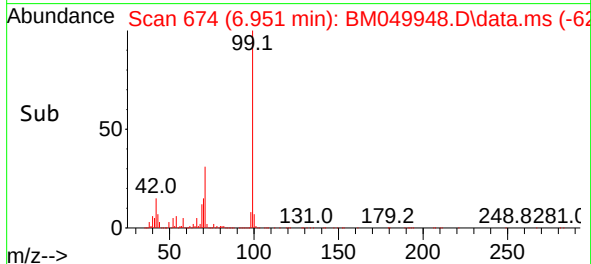
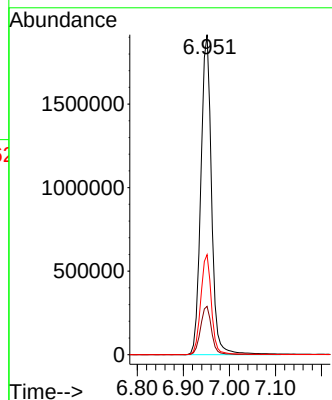
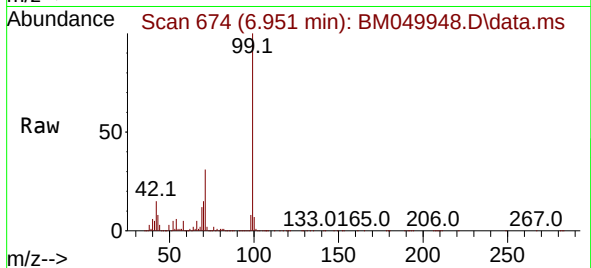




#7  
Phenol-d6  
Concen: 123.951 ng  
RT: 6.951 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

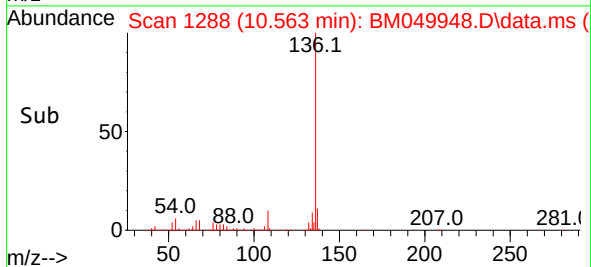
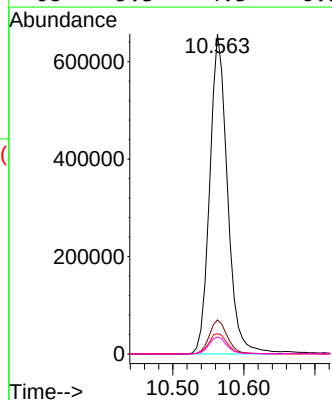
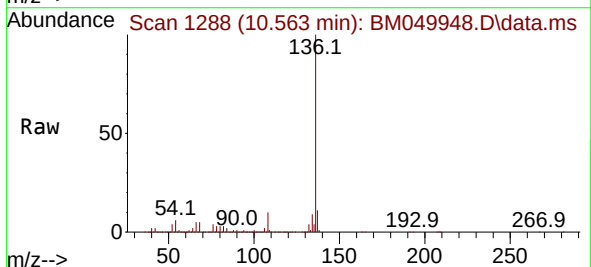
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BNA\_M  
ClientSampleId :  
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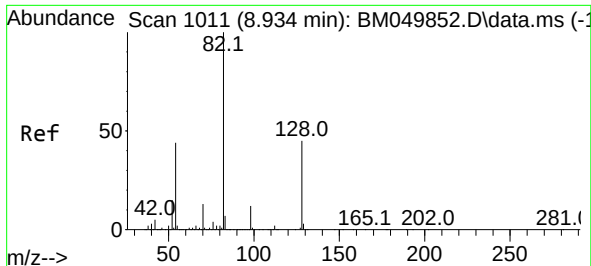
Tgt Ion: 99 Resp: 3096568  
Ion Ratio Lower Upper  
99 100  
42 15.1 12.1 18.1  
71 31.3 24.9 37.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.563 min Scan# 1288  
Delta R.T. -0.012 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

Tgt Ion:136 Resp: 1139922  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.4 12.6  
54 6.4 5.3 7.9  
68 5.3 4.3 6.5

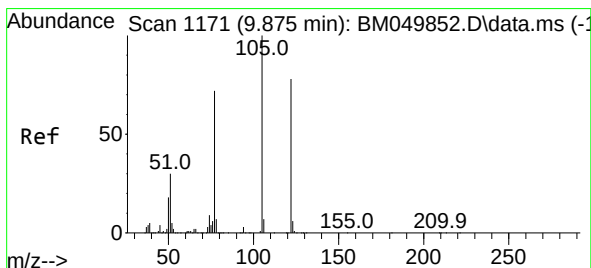
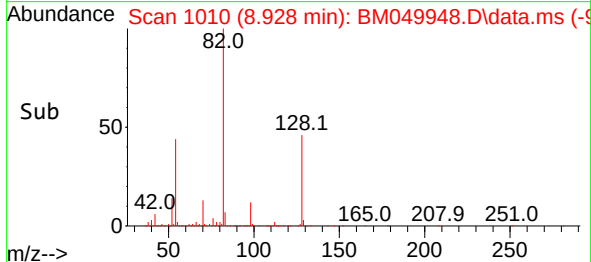
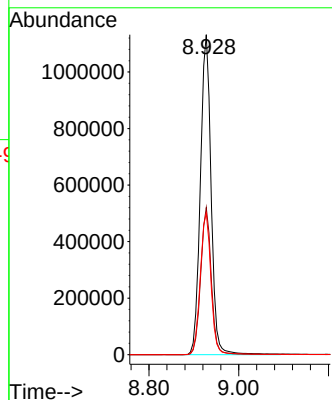
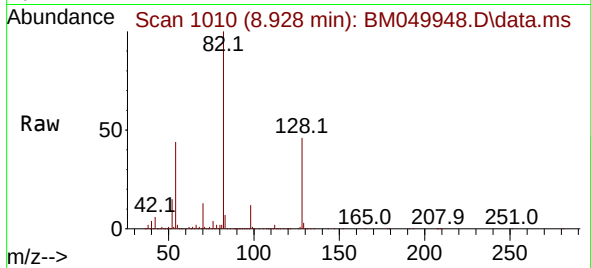




#23  
Nitrobenzene-d5  
Concen: 91.811 ng  
RT: 8.928 min Scan# 1010  
Delta R.T. -0.006 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

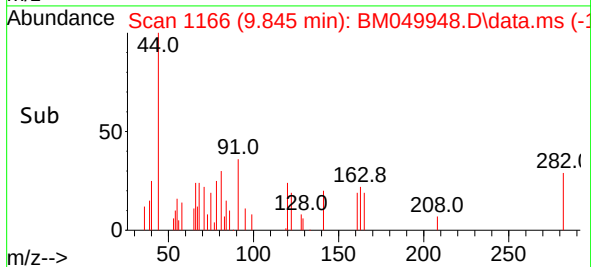
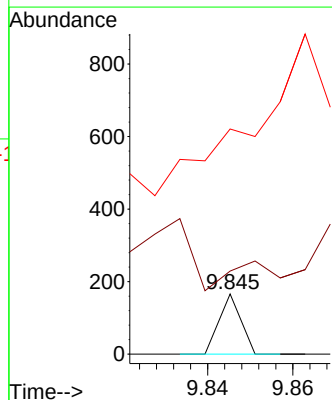
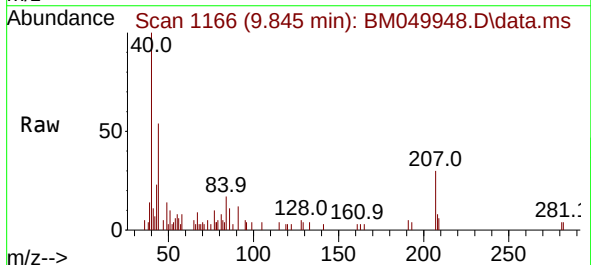
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ClientSampleId :  
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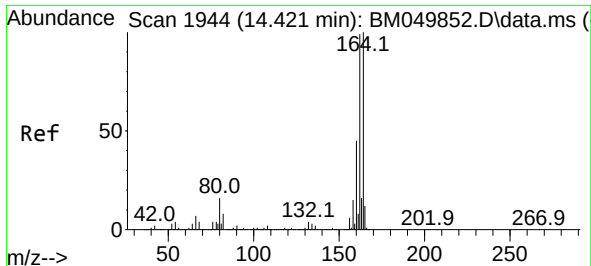
Tgt Ion: 82 Resp: 1879437  
Ion Ratio Lower Upper  
82 100  
128 46.0 36.2 54.2  
54 44.2 35.0 52.6



#32  
Benzoic acid  
Concen: 8.542 ng  
RT: 9.845 min Scan# 1166  
Delta R.T. -0.030 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

Tgt Ion:122 Resp: 59  
Ion Ratio Lower Upper  
122 100  
105 138.0 103.8 143.8  
77 374.1 70.7 110.7#

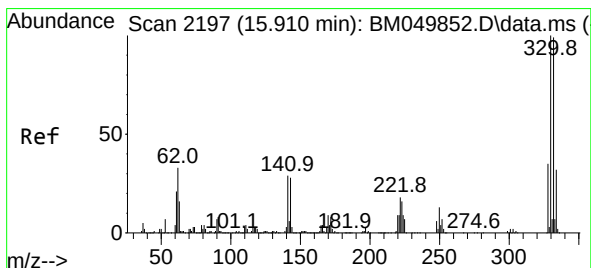
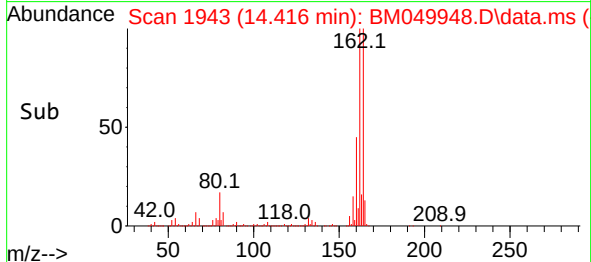
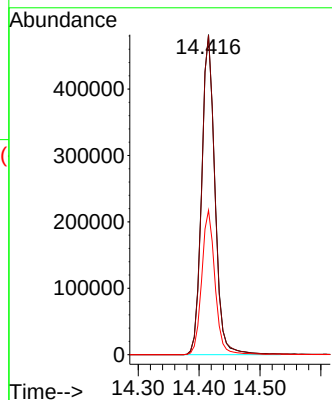
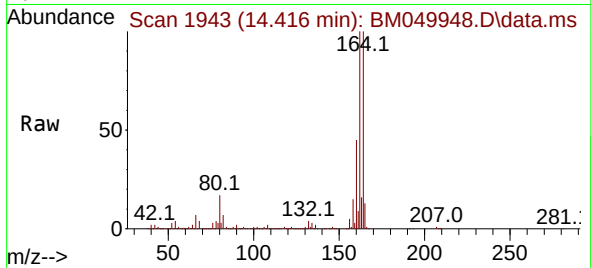




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.416 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

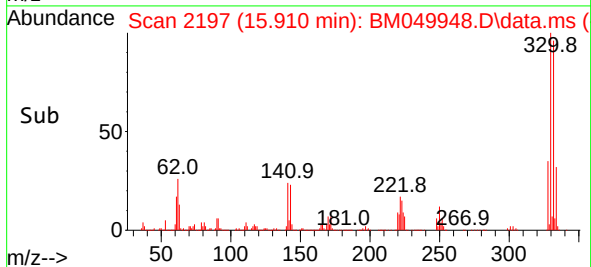
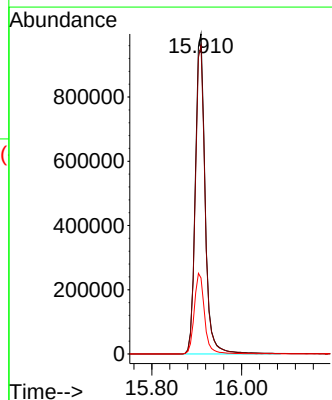
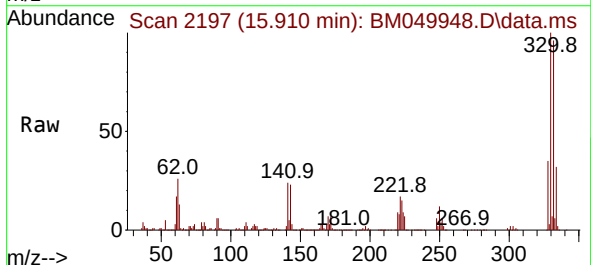
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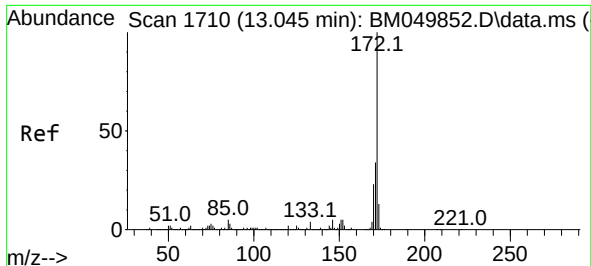
Tgt Ion:164 Resp: 732723  
Ion Ratio Lower Upper  
164 100  
162 99.8 79.4 119.0  
160 45.1 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 142.009 ng  
RT: 15.910 min Scan# 2197  
Delta R.T. 0.000 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

Tgt Ion:330 Resp: 1513490  
Ion Ratio Lower Upper  
330 100  
332 96.6 78.0 117.0  
141 26.5 23.5 35.3

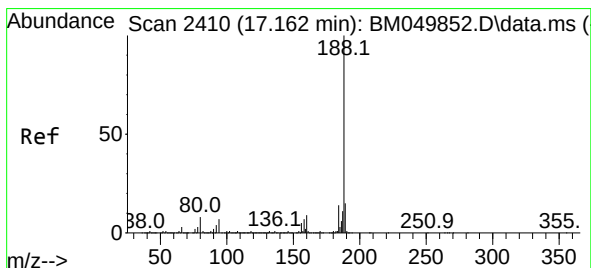
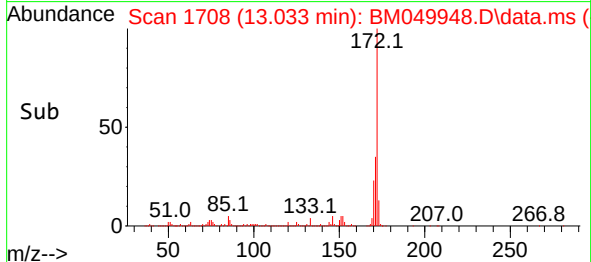
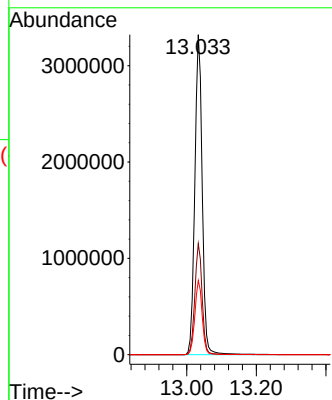
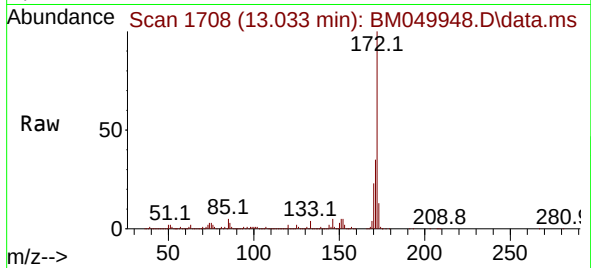




#45  
2-Fluorobiphenyl  
Concen: 90.966 ng  
RT: 13.033 min Scan# 1710  
Delta R.T. -0.012 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

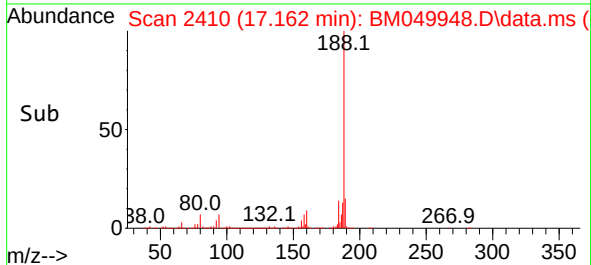
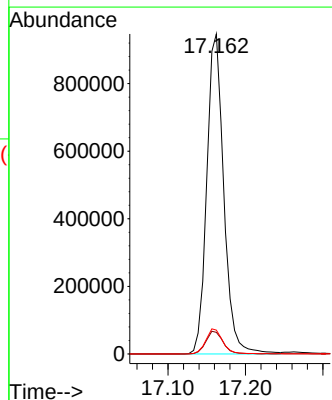
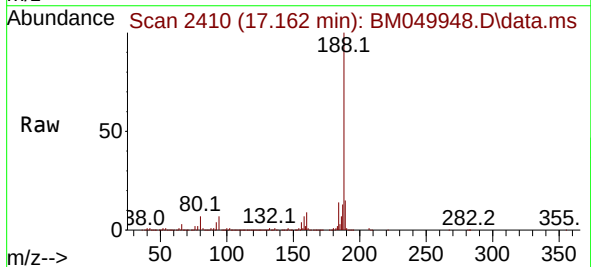
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Tgt Ion:172 Resp: 4915373  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.4 41.2  
170 23.2 18.6 28.0

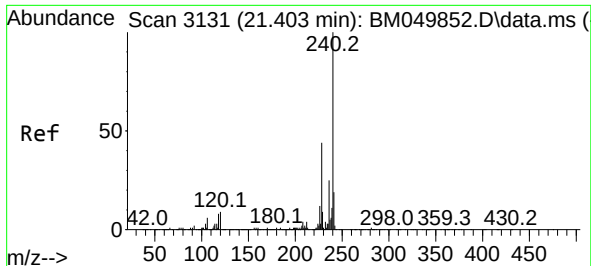


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.162 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

Tgt Ion:188 Resp: 1442241  
Ion Ratio Lower Upper  
188 100  
94 6.7 5.8 8.6  
80 7.4 6.4 9.6



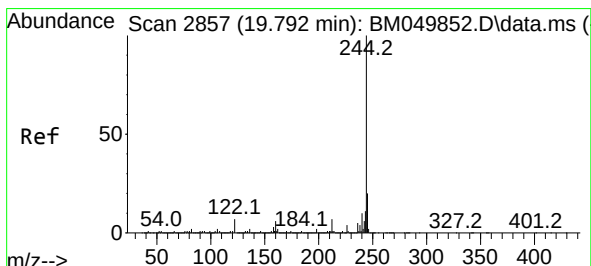
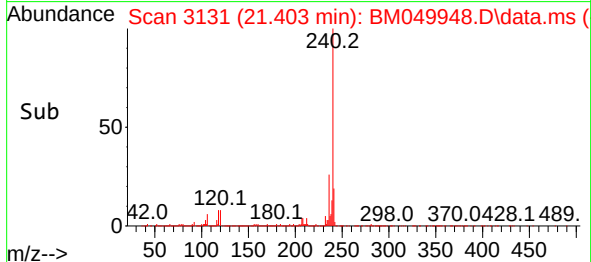
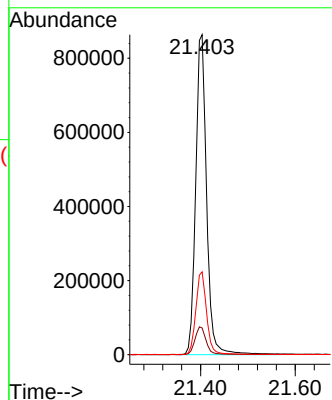
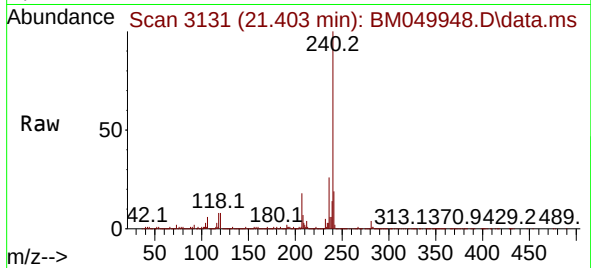




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.403 min Scan# 3131  
Delta R.T. 0.000 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

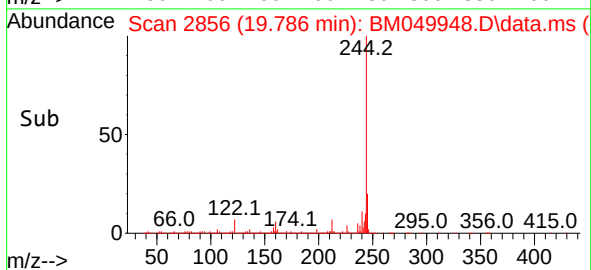
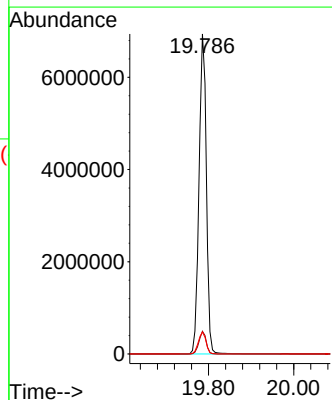
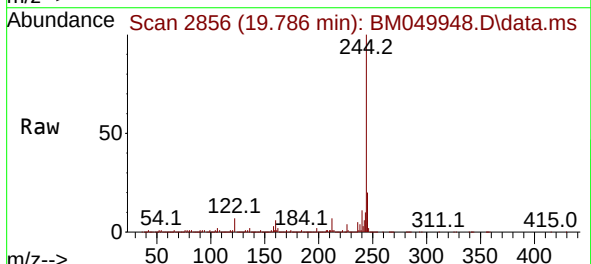
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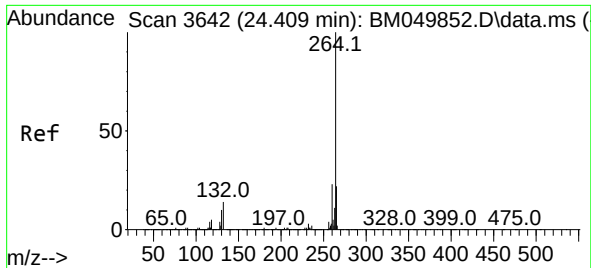
Tgt Ion:240 Resp: 1379497  
Ion Ratio Lower Upper  
240 100  
120 8.3 6.9 10.3  
236 25.9 20.4 30.6



#79  
Terphenyl-d14  
Concen: 112.413 ng  
RT: 19.786 min Scan# 2856  
Delta R.T. -0.006 min  
Lab File: BM049948.D  
Acq: 16 Apr 2025 12:05

Tgt Ion:244 Resp: 8274746  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.5 8.3  
122 6.8 5.4 8.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.409 min Scan# 30  
 Delta R.T. 0.000 min  
 Lab File: BM049948.D  
 Acq: 16 Apr 2025 12:05

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167587TB

Tgt Ion:264 Resp: 1521991  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 18.6 28.0  
 265 22.3 17.8 26.8

