

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041025\  
 Data File : BM049879.D  
 Acq On : 10 Apr 2025 11:34  
 Operator : RC/JU  
 Sample : Q1753-05  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-2

Quant Time: Apr 10 12:25:52 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  | 270099   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.569 | 136  | 932017   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.415 | 164  | 614371   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.162 | 188  | 1268195  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.397 | 240  | 1296781  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.391 | 264  | 1421638  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.363  | 112  | 2093230  | 131.599 | ng    | 0.00     |
| 7) Phenol-d6                | 6.951  | 99   | 2584394  | 130.589 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.933  | 82   | 1502561  | 89.774  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.909 | 330  | 1307864  | 146.355 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.039 | 172  | 3951517  | 87.216  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.786 | 244  | 6757597  | 97.658  | ng    | 0.00     |

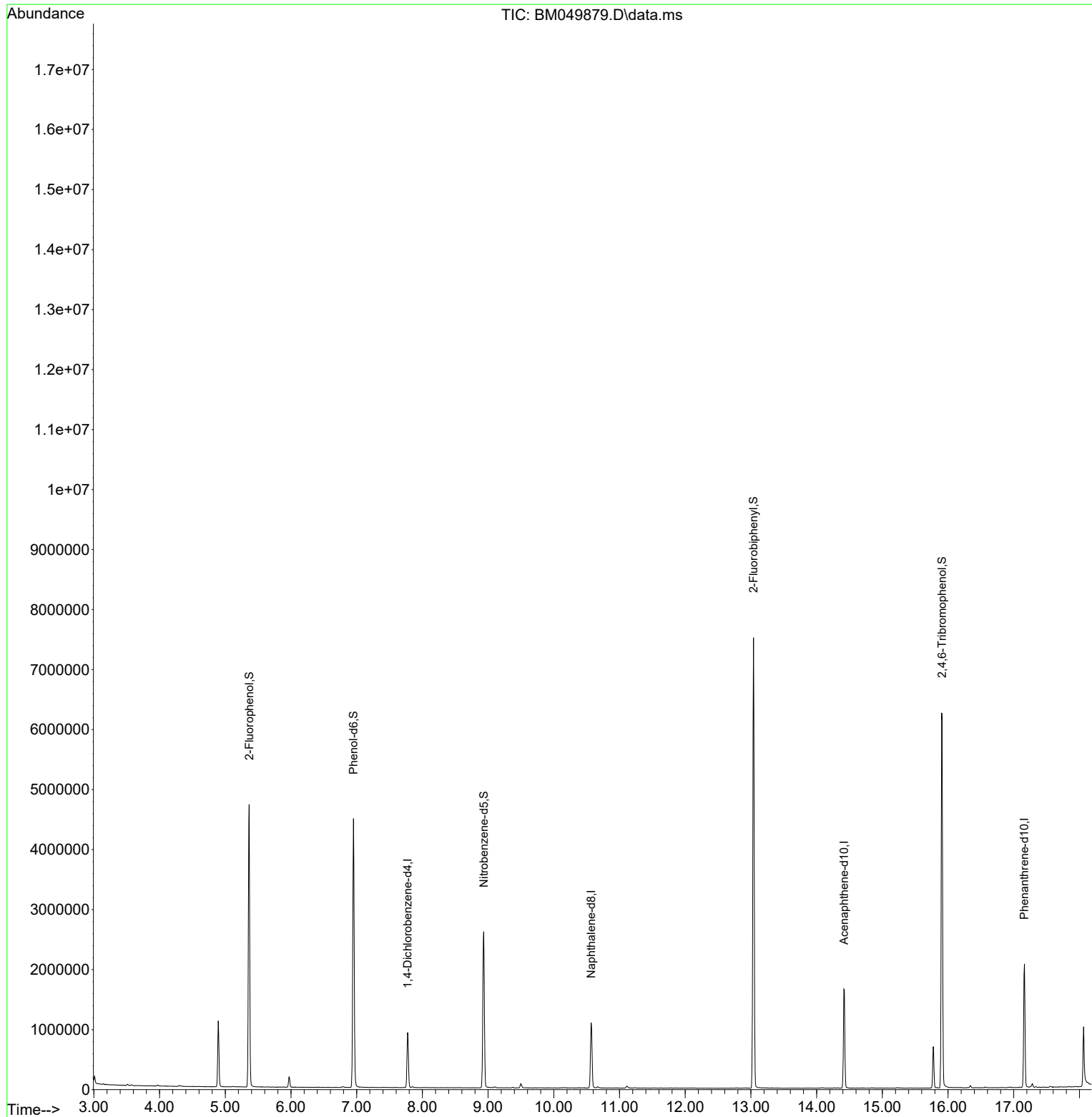
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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Sample : Q1753-05  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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WC-2

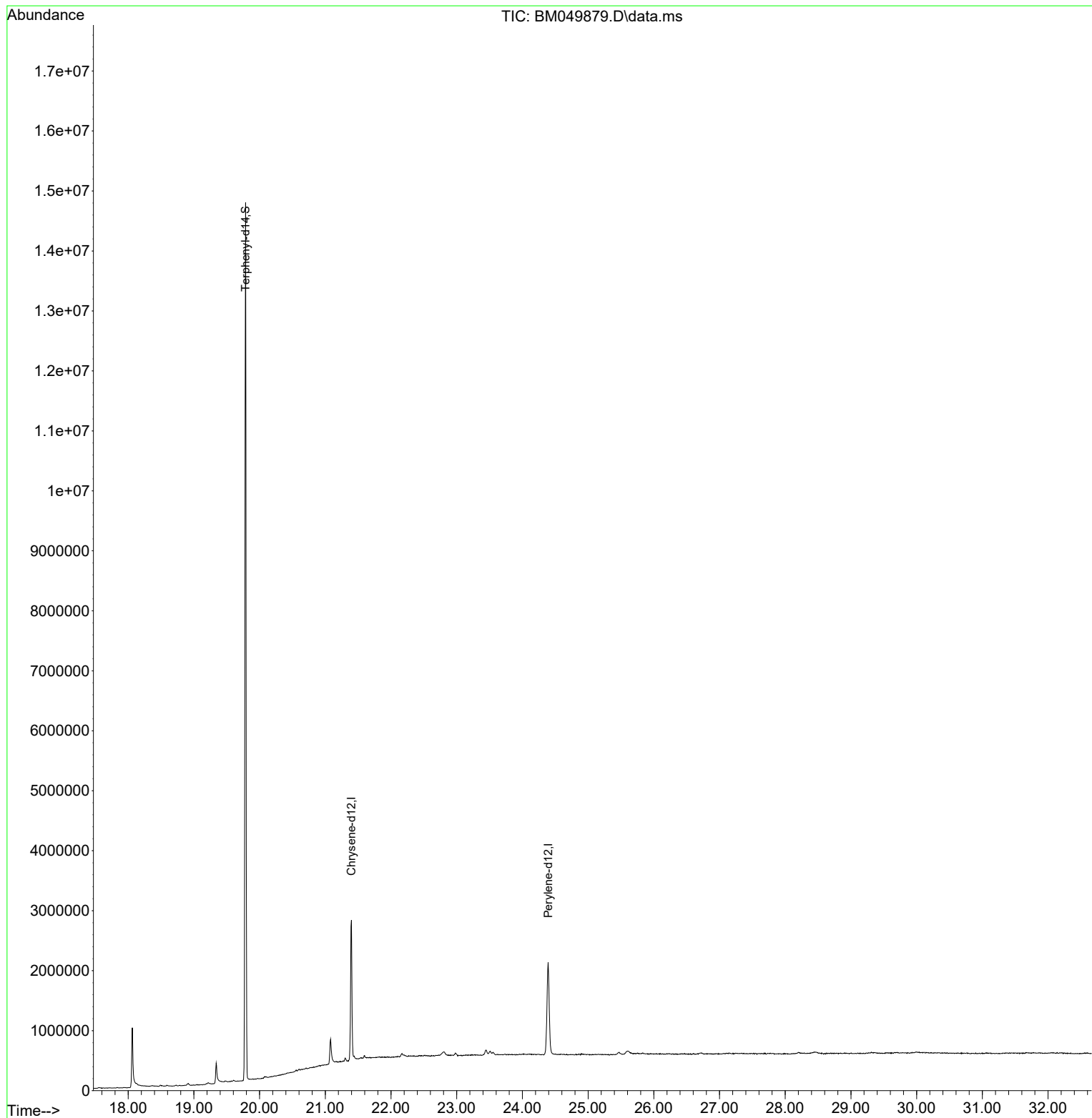
Quant Time: Apr 10 12:25:52 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 09 04:00:55 2025  
Response via : Initial Calibration

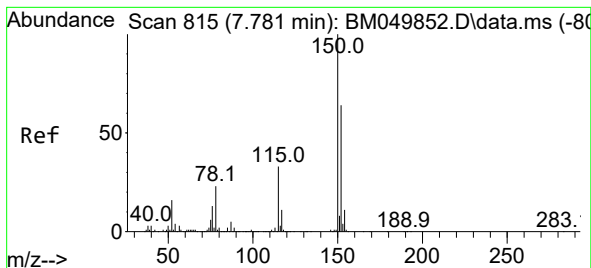


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM041025\  
Data File : BM049879.D  
Acq On : 10 Apr 2025 11:34  
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ALS Vial : 5 Sample Multiplier: 1

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BNA\_M  
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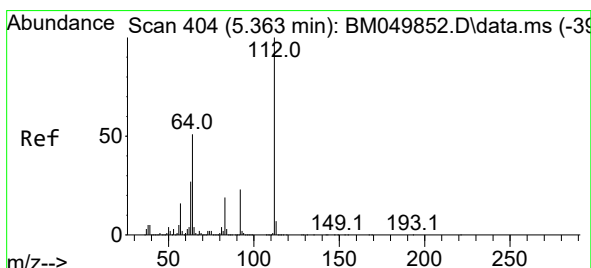
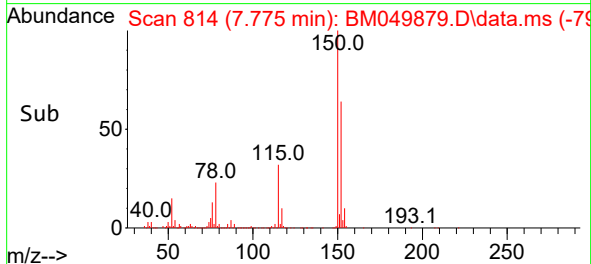
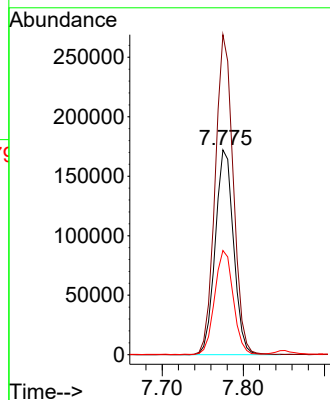
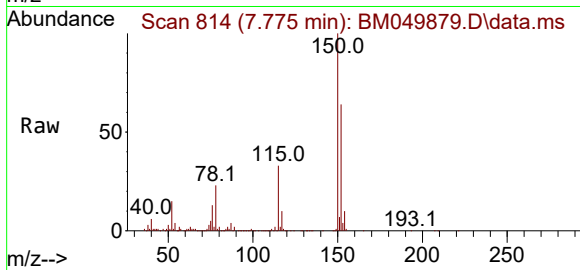




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.775 min Scan# 815  
Delta R.T. -0.006 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

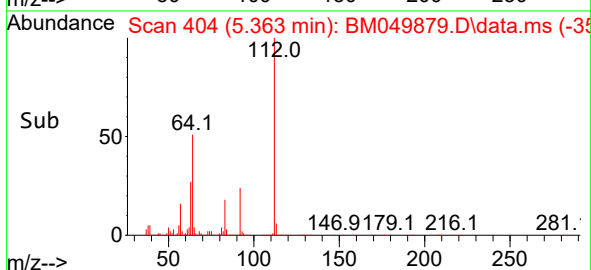
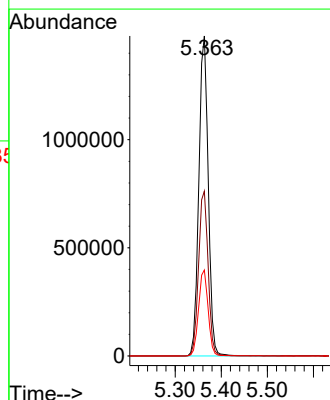
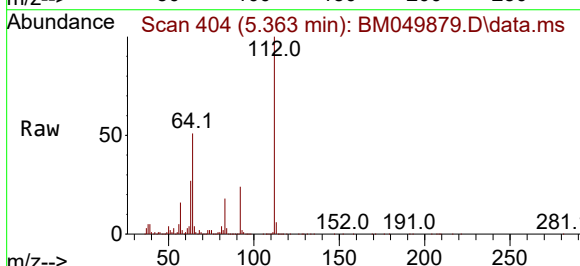
Instrument :  
BNA\_M  
ClientSampleId :  
WC-2

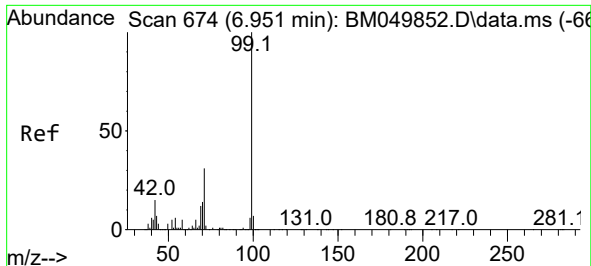
Tgt Ion:152 Resp: 270099  
Ion Ratio Lower Upper  
152 100  
150 156.3 124.3 186.5  
115 50.9 41.1 61.7



#5  
2-Fluorophenol  
Concen: 131.599 ng  
RT: 5.363 min Scan# 404  
Delta R.T. -0.000 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

Tgt Ion:112 Resp: 2093230  
Ion Ratio Lower Upper  
112 100  
64 51.5 41.0 61.6  
63 26.8 21.5 32.3



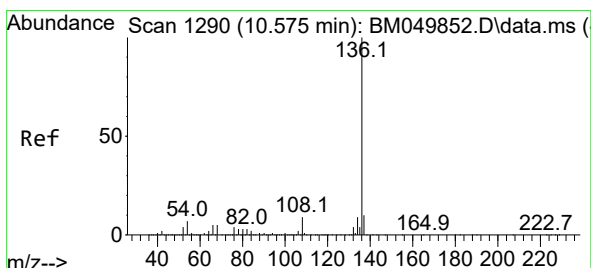
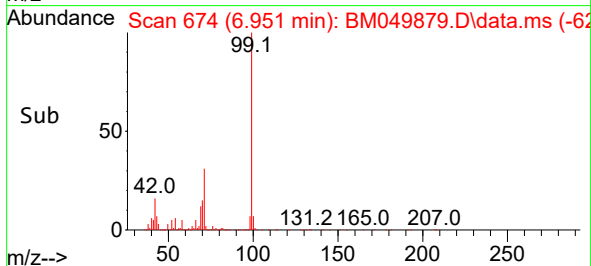
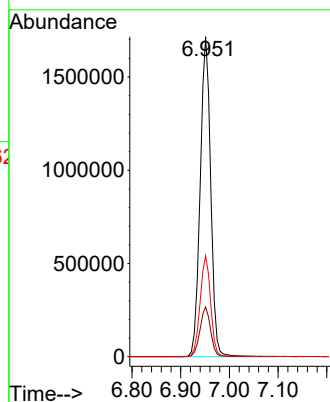
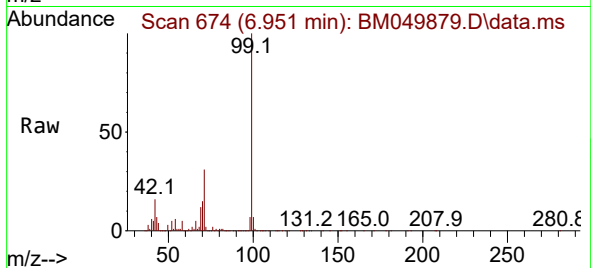


#7  
Phenol-d6  
Concen: 130.589 ng  
RT: 6.951 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

Instrument :  
BNA\_M  
ClientSampleId :  
WC-2

Tgt Ion: 99 Resp: 2584394

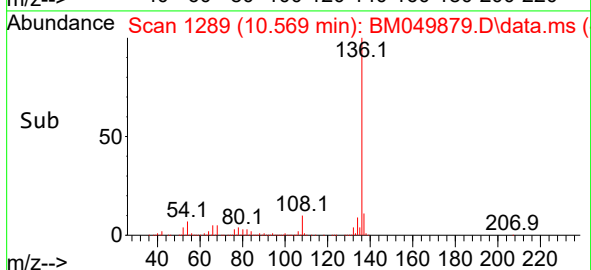
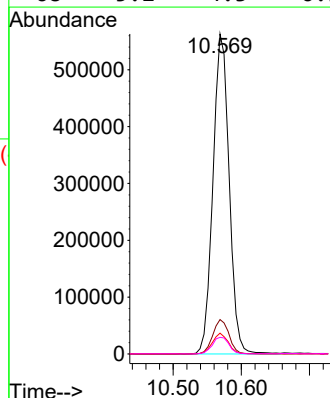
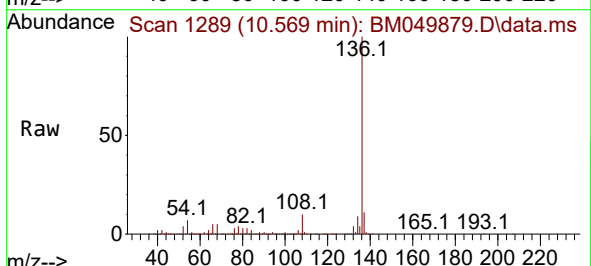
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.6  | 12.1  | 18.1  |
| 71  | 31.5  | 24.9  | 37.3  |

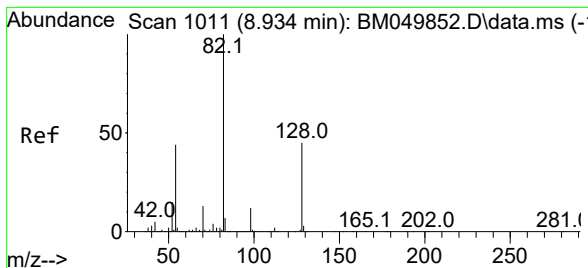


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.569 min Scan# 1289  
Delta R.T. -0.006 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

Tgt Ion: 136 Resp: 932017

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.4   | 12.6  |
| 54  | 6.5   | 5.3   | 7.9   |
| 68  | 5.2   | 4.3   | 6.5   |

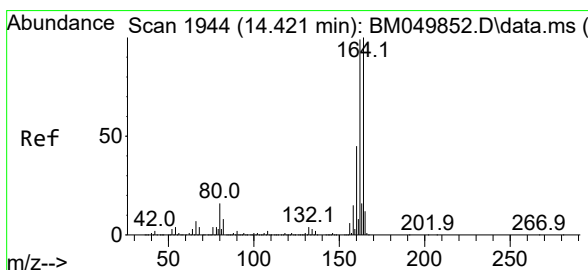
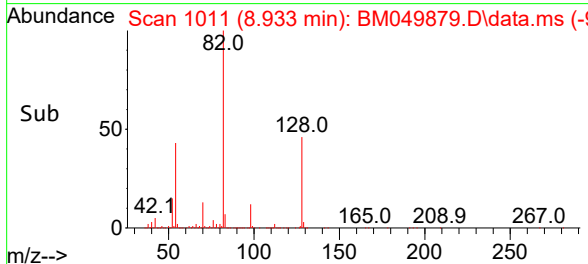
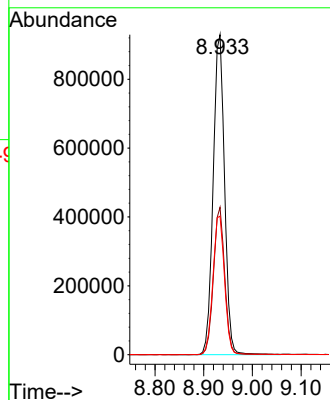
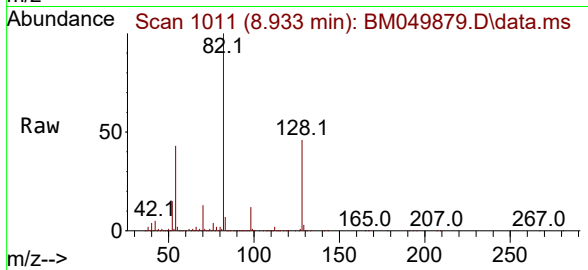




#23  
Nitrobenzene-d5  
Concen: 89.774 ng  
RT: 8.933 min Scan# 1011  
Delta R.T. -0.000 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

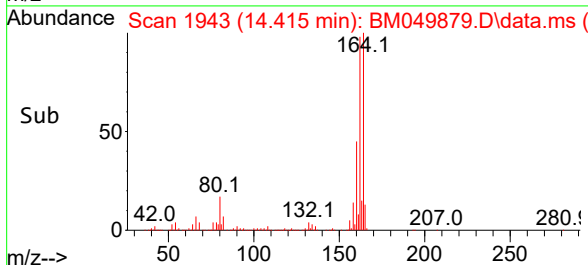
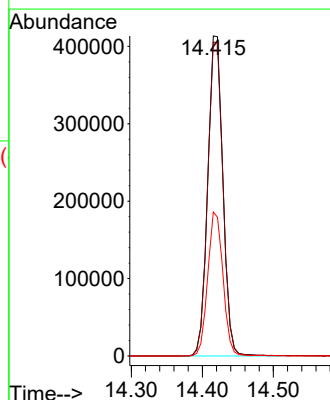
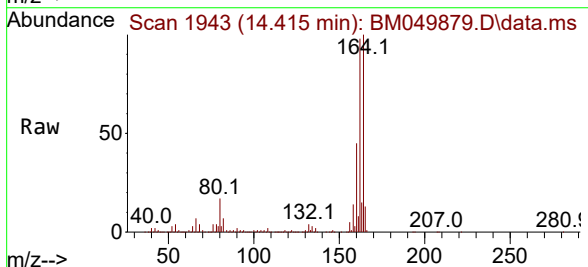
Instrument :  
BNA\_M  
ClientSampleId :  
WC-2

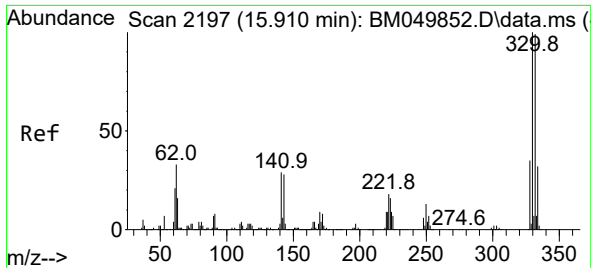
Tgt Ion: 82 Resp: 1502561  
Ion Ratio Lower Upper  
82 100  
128 46.0 36.2 54.2  
54 43.3 35.0 52.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.415 min Scan# 1943  
Delta R.T. -0.006 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

Tgt Ion:164 Resp: 614371  
Ion Ratio Lower Upper  
164 100  
162 98.1 79.4 119.0  
160 45.0 36.2 54.2

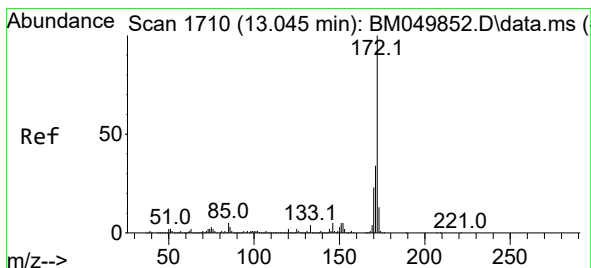
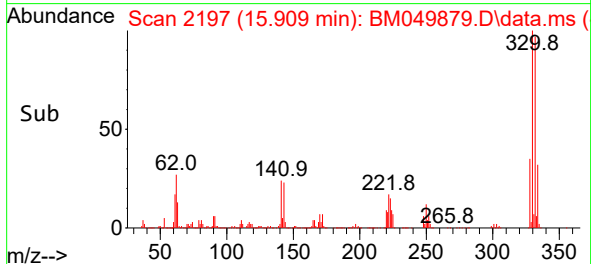
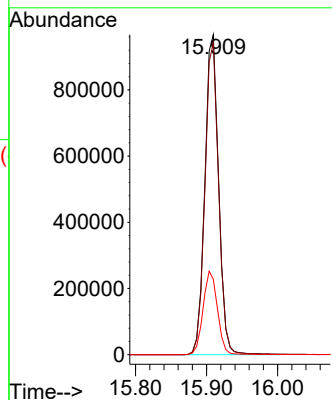
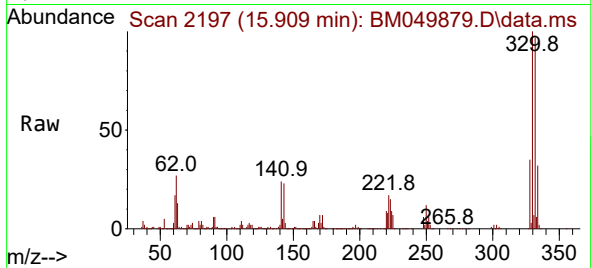




#42  
2,4,6-Tribromophenol  
Concen: 146.355 ng  
RT: 15.909 min Scan# 2197  
Delta R.T. -0.000 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

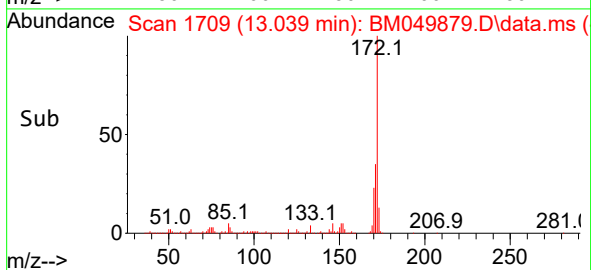
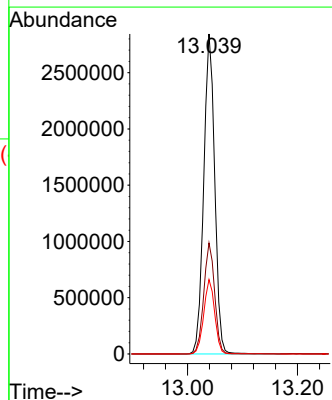
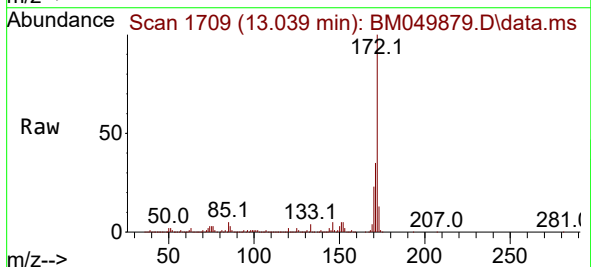
Instrument :  
BNA\_M  
ClientSampleId :  
WC-2

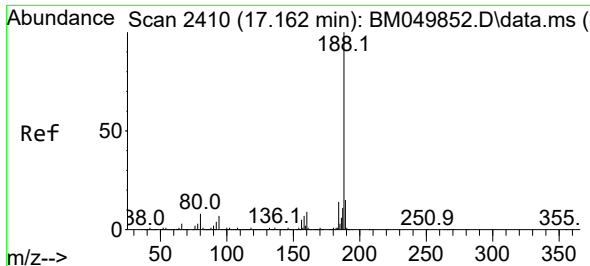
Tgt Ion:330 Resp: 1307864  
Ion Ratio Lower Upper  
330 100  
332 97.1 78.0 117.0  
141 27.3 23.5 35.3



#45  
2-Fluorobiphenyl  
Concen: 87.216 ng  
RT: 13.039 min Scan# 1709  
Delta R.T. -0.006 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

Tgt Ion:172 Resp: 3951517  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.4 41.2  
170 23.2 18.6 28.0

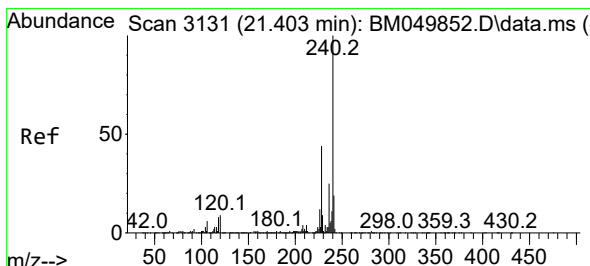
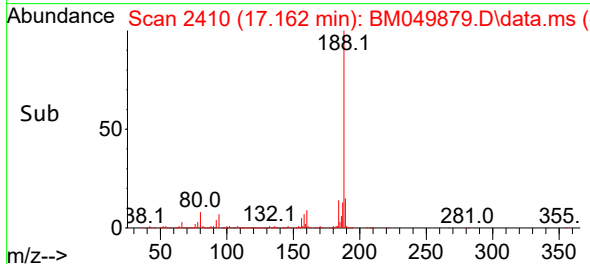
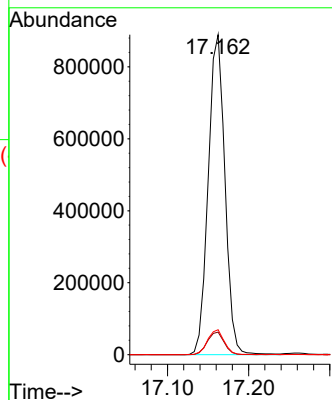
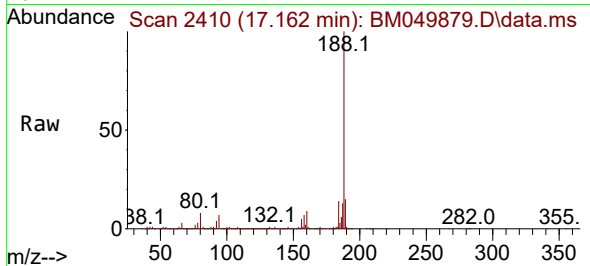




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.162 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

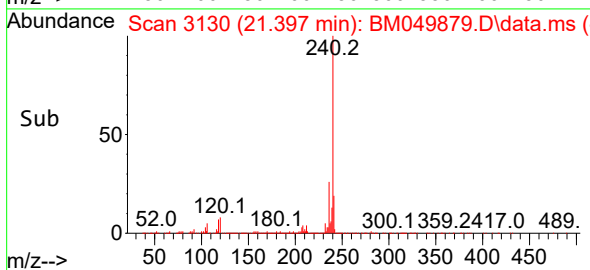
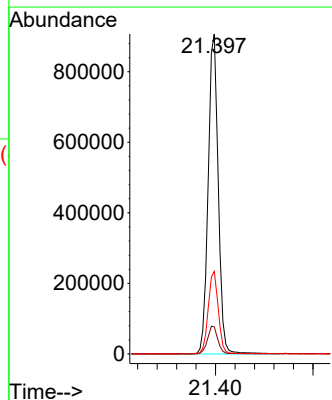
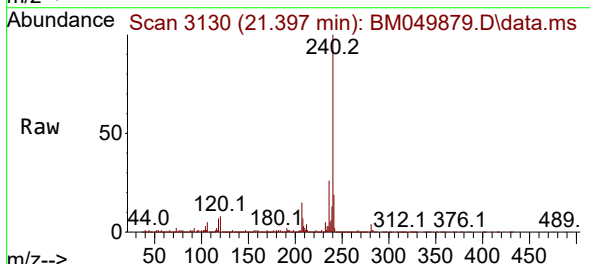
Instrument :  
BNA\_M  
ClientSampleId :  
WC-2

Tgt Ion:188 Resp: 1268195  
Ion Ratio Lower Upper  
188 100  
94 7.1 5.8 8.6  
80 7.8 6.4 9.6

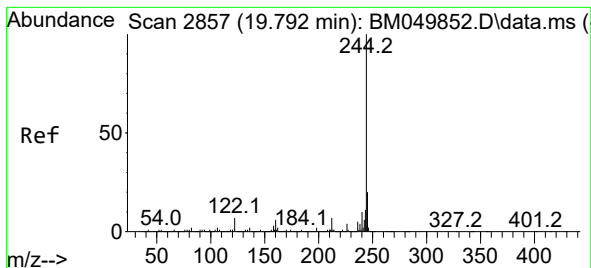


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.397 min Scan# 3130  
Delta R.T. -0.006 min  
Lab File: BM049879.D  
Acq: 10 Apr 2025 11:34

Tgt Ion:240 Resp: 1296781  
Ion Ratio Lower Upper  
240 100  
120 8.5 6.9 10.3  
236 25.8 20.4 30.6







#79

Terphenyl-d14

Concen: 97.658 ng

RT: 19.786 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM049879.D

Acq: 10 Apr 2025 11:34

Instrument :

BNA\_M

ClientSampleId :

WC-2

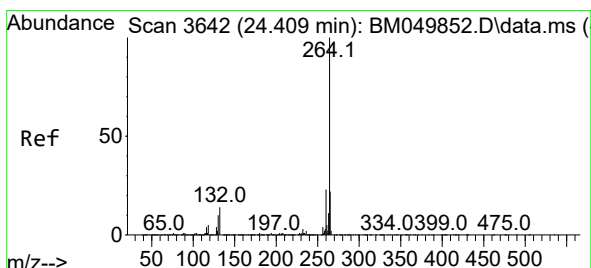
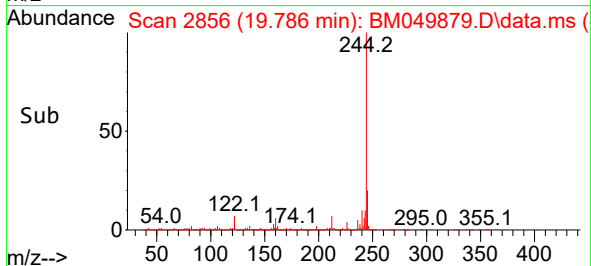
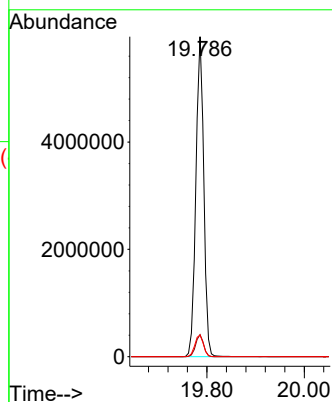
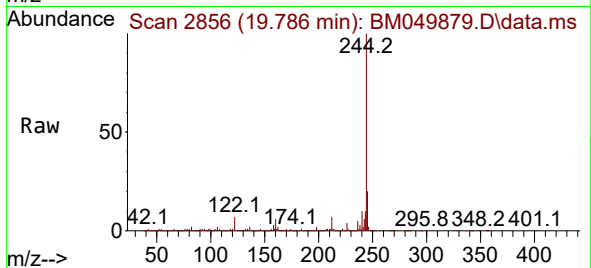
Tgt Ion:244 Resp: 6757597

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 6.8 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: BM049879.D

Acq: 10 Apr 2025 11:34

Tgt Ion:264 Resp: 1421638

Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 22.1 17.8 26.8

