

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060525\  
 Data File : BM050194.D  
 Acq On : 05 Jun 2025 09:20  
 Operator : RC/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Quant Time: Jun 05 15:11:33 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 05 14:55:18 2025  
 Response via : Initial Calibration

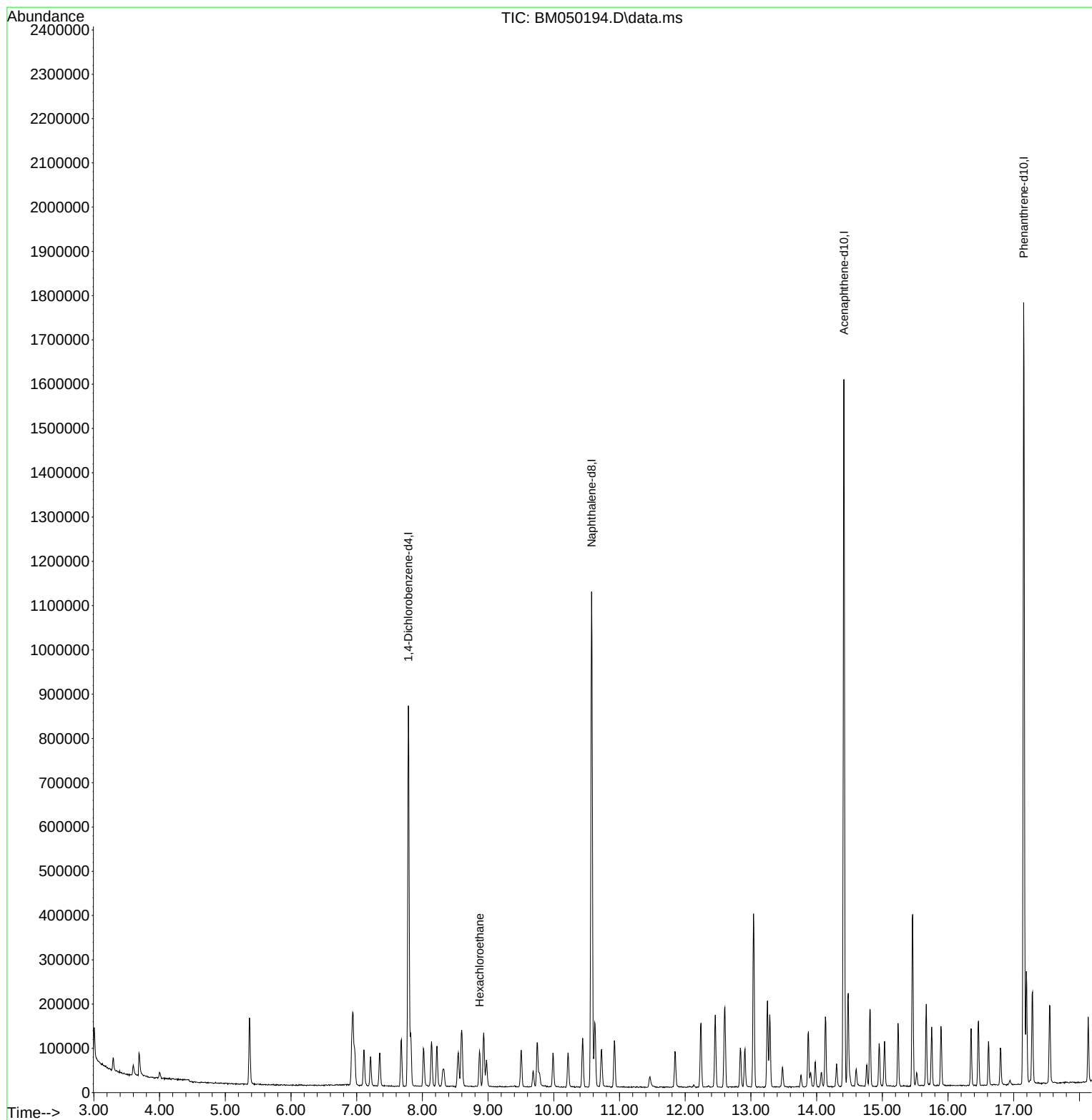
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)     |
|-----------------------------|--------|------|----------|--------|-------|--------------|
| -----                       |        |      |          |        |       |              |
| Internal Standards          |        |      |          |        |       |              |
| 1) 1,4-Dichlorobenzene-d4   | 7.786  | 152  | 244555   | 20.000 | ng    | 0.00         |
| 21) Naphthalene-d8          | 10.575 | 136  | 945759   | 20.000 | ng    | 0.00         |
| 39) Acenaphthene-d10        | 14.415 | 164  | 534696   | 20.000 | ng    | 0.00         |
| 64) Phenanthrene-d10        | 17.151 | 188  | 982061   | 20.000 | ng    | 0.00         |
| 76) Chrysene-d12            | 21.386 | 240  | 992954   | 20.000 | ng    | 0.00         |
| 86) Perylene-d12            | 24.374 | 264  | 1067519  | 20.000 | ng    | 0.00         |
| System Monitoring Compounds |        |      |          |        |       |              |
| 5) 2-Fluorophenol           | 0.000  | 112  | 0d       | 0.000  | ng    |              |
| 7) Phenol-d6                | 0.000  | 99   | 0d       | 0.000  | ng    |              |
| 23) Nitrobenzene-d5         | 0.000  | 82   | 0d       | 0.000  | ng    |              |
| 42) 2,4,6-Tribromophenol    | 0.000  | 330  | 0d       | 0.000  | ng    |              |
| 45) 2-Fluorobiphenyl        | 0.000  | 172  | 0d       | 0.000  | ng    |              |
| 79) Terphenyl-d14           | 0.000  | 244  | 0d       | 0.000  | ng    |              |
| Target Compounds            |        |      |          |        |       |              |
| 18) Hexachloroethane        | 8.869  | 117  | 16914    | 2.490  | ng    | Qvalue<br>97 |
| -----                       |        |      |          |        |       |              |

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

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Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

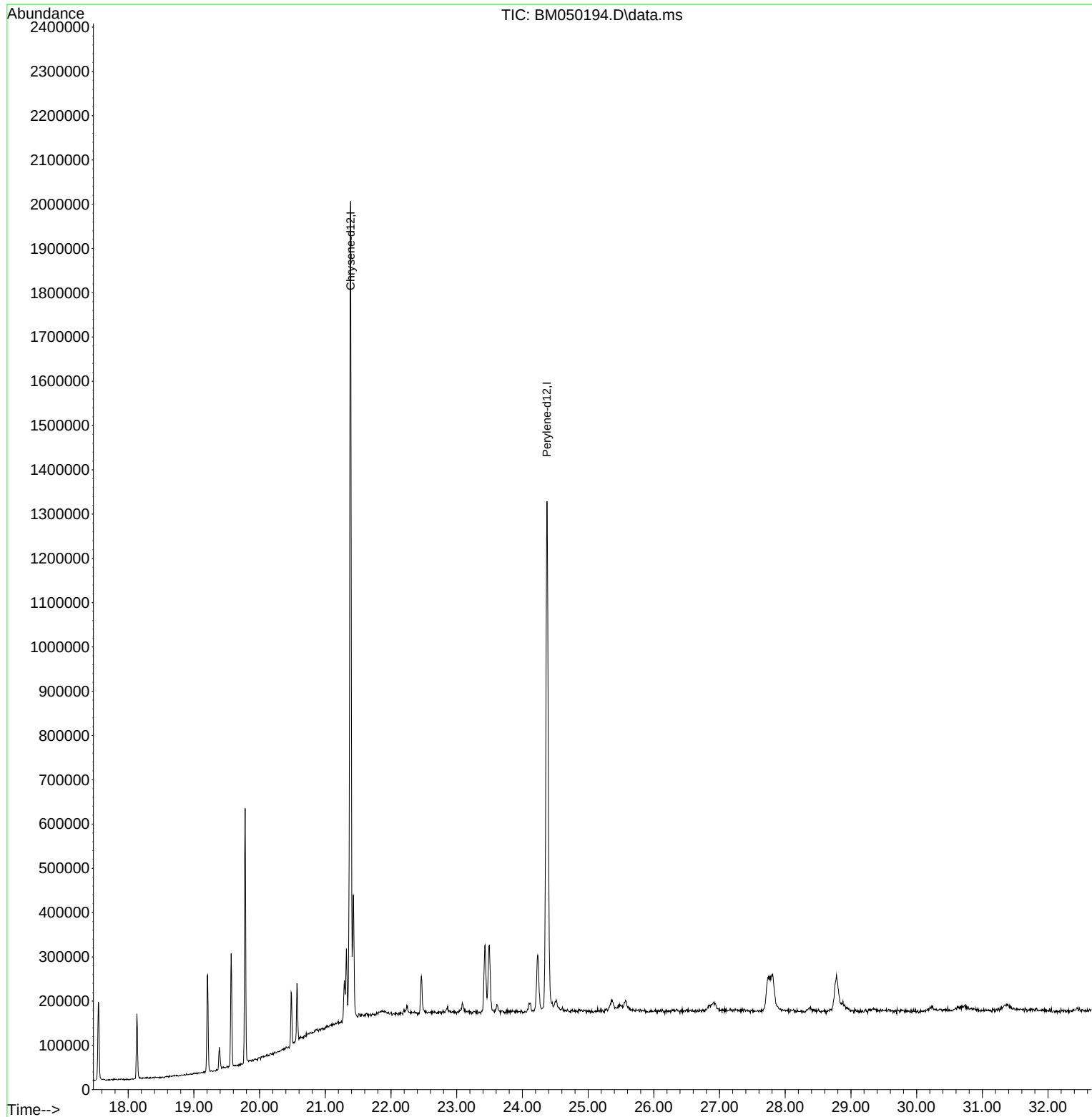
Quant Time: Jun 05 15:11:33 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 05 14:55:18 2025  
Response via : Initial Calibration

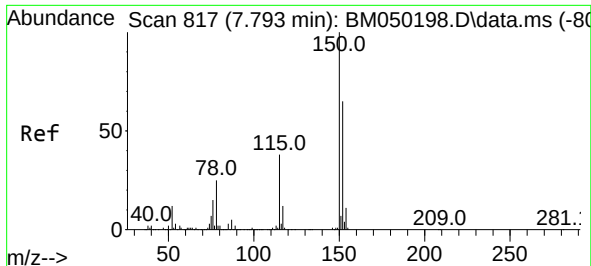


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060525\  
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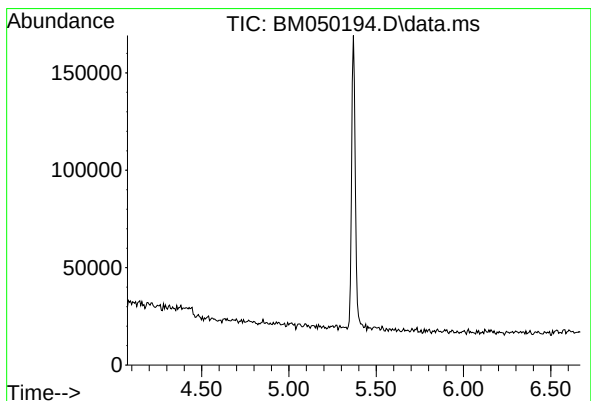
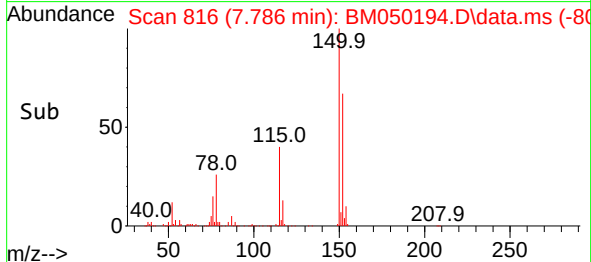
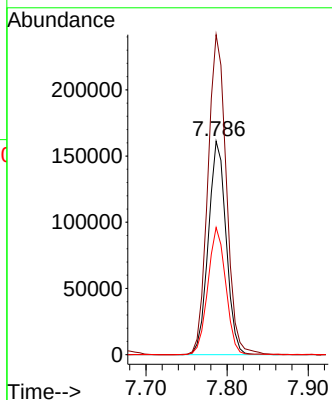
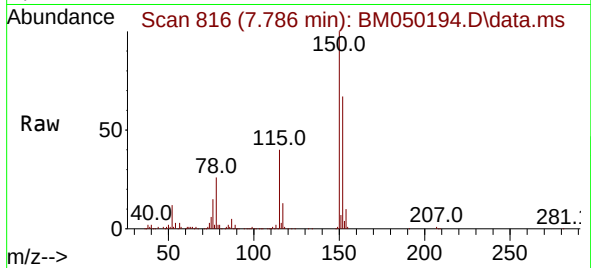




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.786 min Scan# 81  
Delta R.T. -0.007 min  
Lab File: BM050194.D  
Acq: 05 Jun 2025 09:20

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

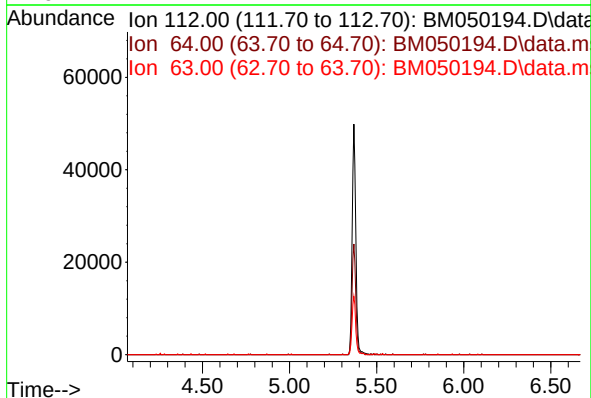
Tgt Ion:152 Resp: 244555  
Ion Ratio Lower Upper  
152 100  
150 150.0 122.2 183.4  
115 59.6 46.3 69.5

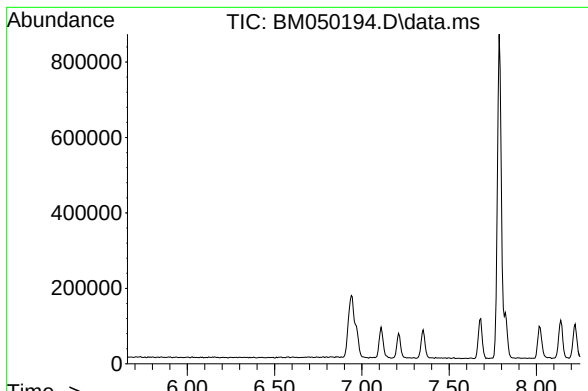


#5  
2-Fluorophenol  
Concen: 0.000 ng  
Expected RT: 5.37 min

Lab File: BM050194.D  
Acq: 05 Jun 2025 09:20

Tgt Ion: 112  
Sig Exp Ratio  
112 100  
64 49.7  
63 24.8



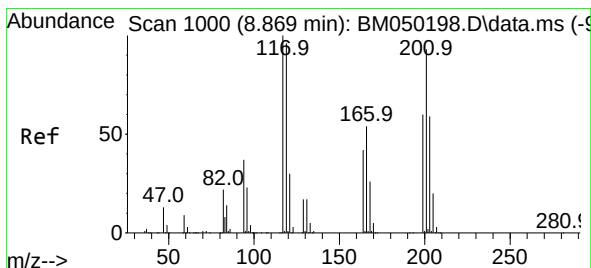
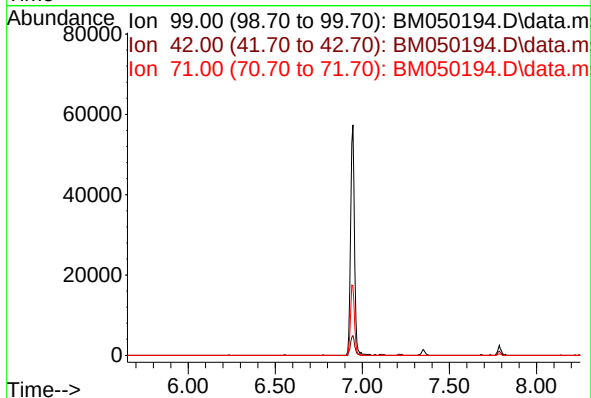


#7  
 Phenol-d6  
 Concen: 0.000 ng  
 Expected RT: 6.95 min  
 Lab File: BM050194.D  
 Acq: 05 Jun 2025 09:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion: 99  

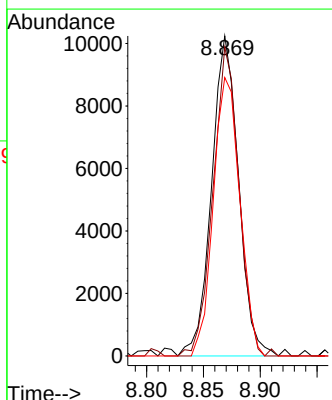
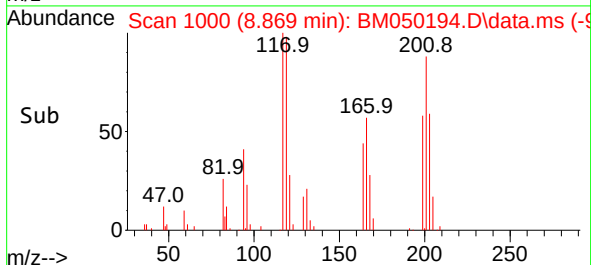
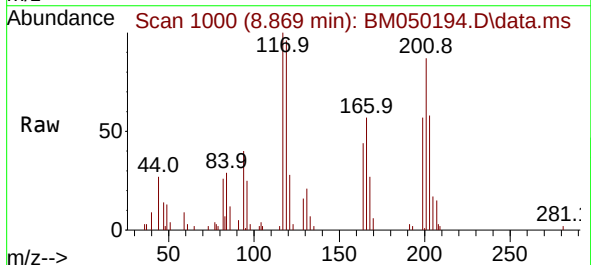
| Sig | Exp Ratio |
|-----|-----------|
| 99  | 100       |
| 42  | 8.6       |
| 71  | 31.6      |

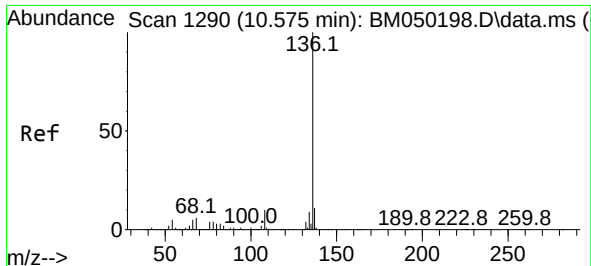


#18  
 Hexachloroethane  
 Concen: 2.490 ng  
 RT: 8.869 min Scan# 1000  
 Delta R.T. -0.001 min  
 Lab File: BM050194.D  
 Acq: 05 Jun 2025 09:20

Tgt Ion: 117 Resp: 16914  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 119 | 96.5  | 77.0  | 115.6 |
| 201 | 87.0  | 74.6  | 111.8 |

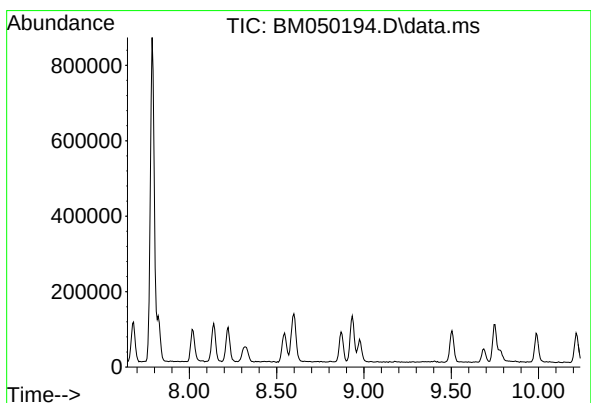
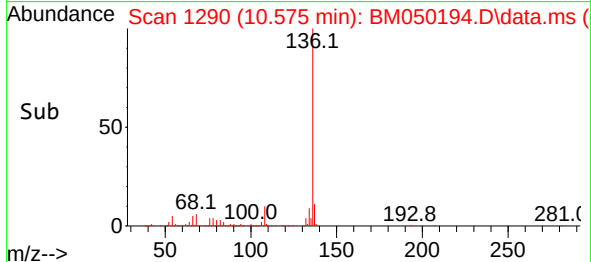
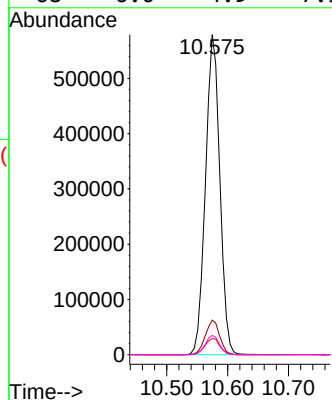
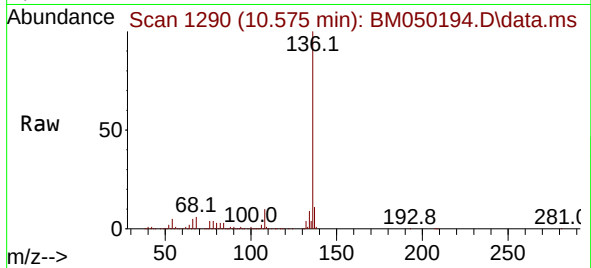




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.575 min Scan# 1  
Delta R.T. -0.001 min  
Lab File: BM050194.D  
Acq: 05 Jun 2025 09:20

Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

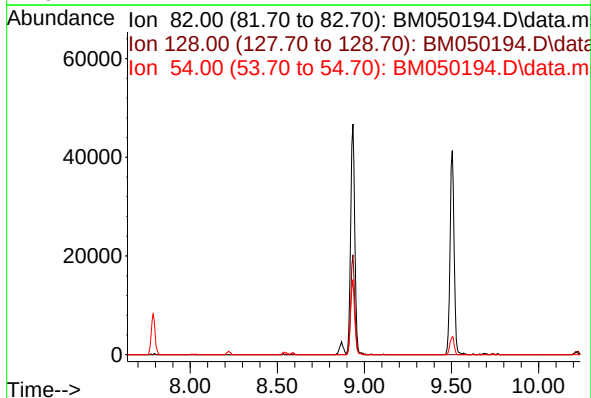
Tgt Ion:136 Resp: 945759  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 5.0 3.8 5.8  
68 6.0 4.9 7.3

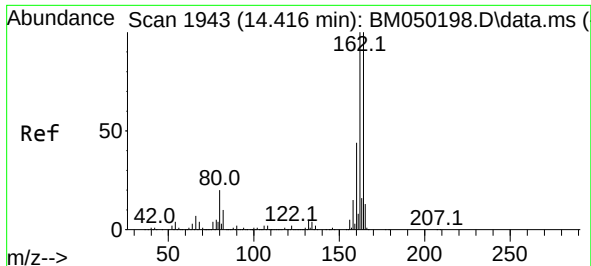


#23  
Nitrobenzene-d5  
Concen: 0.000 ng  
Expected RT: 8.94 min

Lab File: BM050194.D  
Acq: 05 Jun 2025 09:20

Tgt Ion: 82  
Sig Exp Ratio  
82 100  
128 44.0  
54 30.6

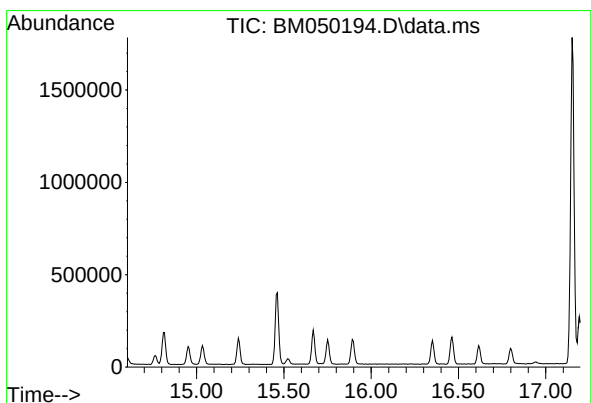
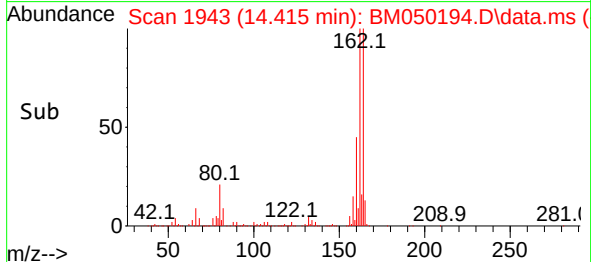
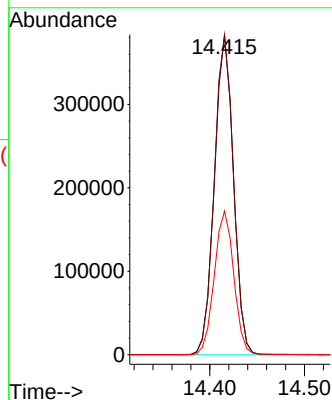
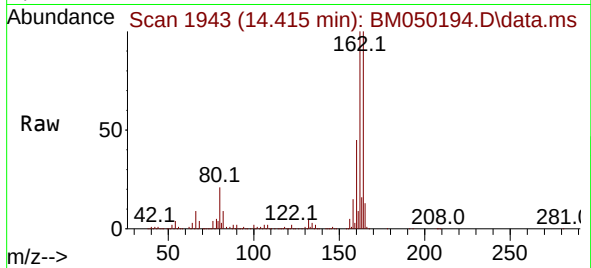




#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.415 min Scan# 1943  
 Delta R.T. -0.001 min  
 Lab File: BM050194.D  
 Acq: 05 Jun 2025 09:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

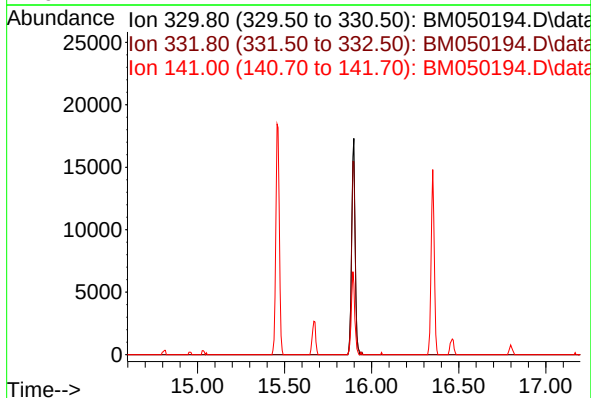
Tgt Ion:164 Resp: 534696  
 Ion Ratio Lower Upper  
 164 100  
 162 100.1 80.2 120.4  
 160 45.0 35.7 53.5



#42  
 2,4,6-Tribromophenol  
 Concen: 0.000 ng  
 Expected RT: 15.90 min

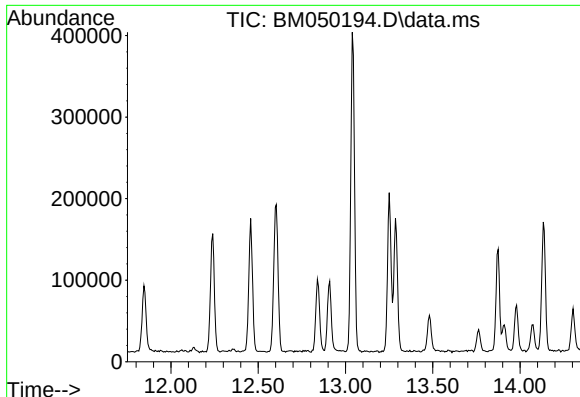
Lab File: BM050194.D  
 Acq: 05 Jun 2025 09:20

Tgt Ion: 330  
 Sig Exp Ratio  
 330 100  
 332 96.9  
 141 36.0



Ion 331.80 (331.50 to 332.50): BM050194.D\data.ms

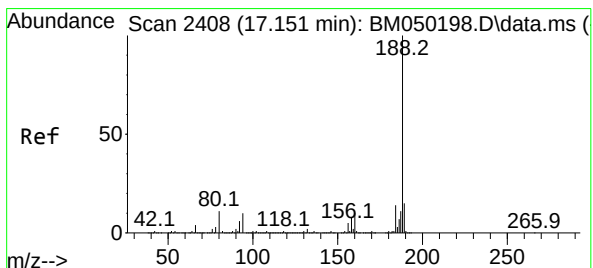
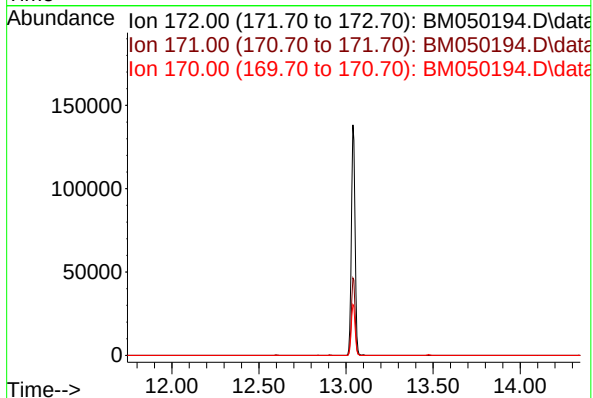
Ion 141.00 (140.70 to 141.70): BM050194.D\data.ms



#45  
2-Fluorobiphenyl  
Concen: 0.000 ng  
Expected RT: 13.05 min  
Lab File: BM050194.D  
Acq: 05 Jun 2025 09:20

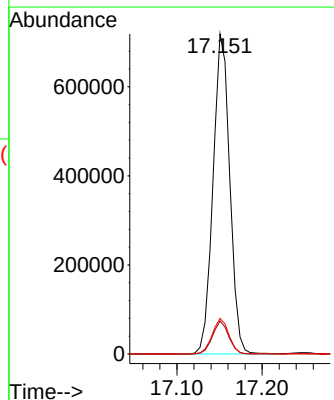
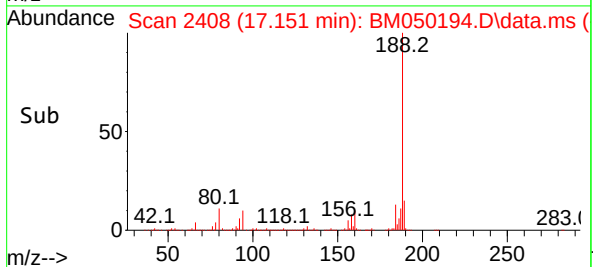
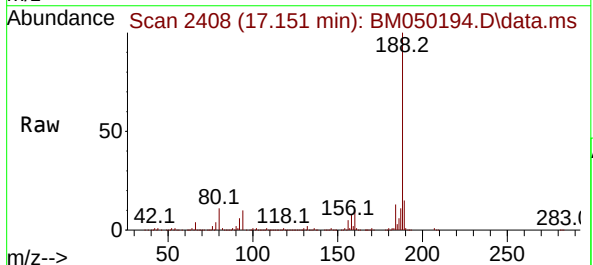
Instrument :  
BNA\_M  
ClientSampleId :  
SSTDICC2.5

Tgt Ion: 172  
Sig Exp Ratio  
172 100  
171 34.7  
170 23.2

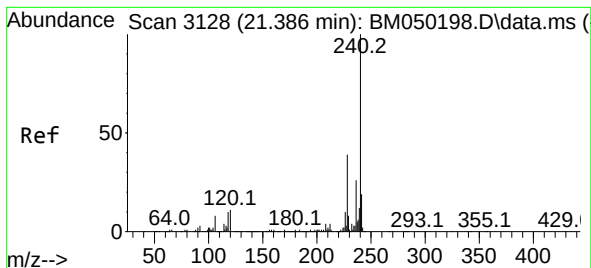


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.151 min Scan# 2408  
Delta R.T. -0.001 min  
Lab File: BM050194.D  
Acq: 05 Jun 2025 09:20

Tgt Ion: 188 Resp: 982061  
Ion Ratio Lower Upper  
188 100  
94 10.3 8.1 12.1  
80 11.1 8.6 13.0







#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 31

Delta R.T. -0.001 min

Lab File: BM050194.D

Acq: 05 Jun 2025 09:20

Instrument :

BNA\_M

ClientSampleId :

SSTDICC2.5

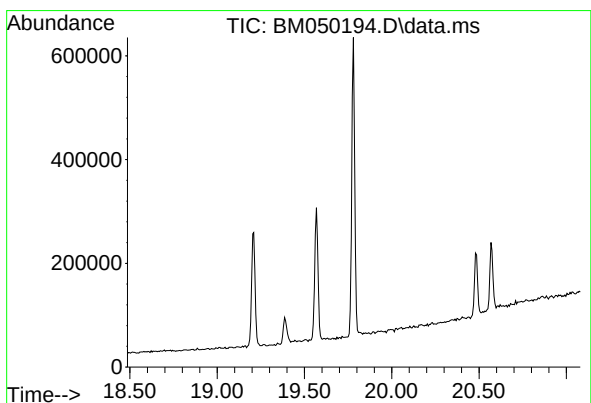
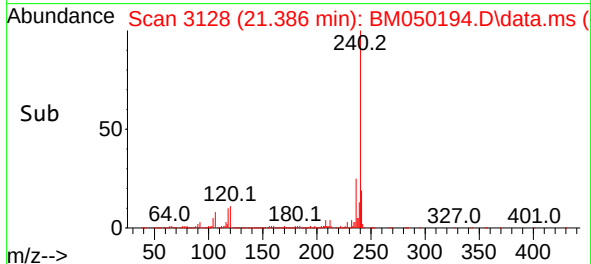
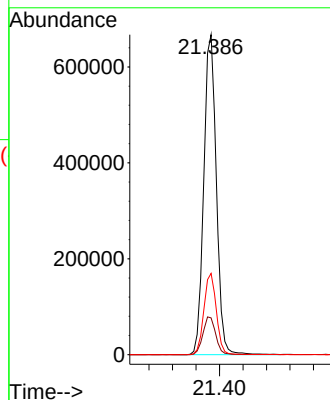
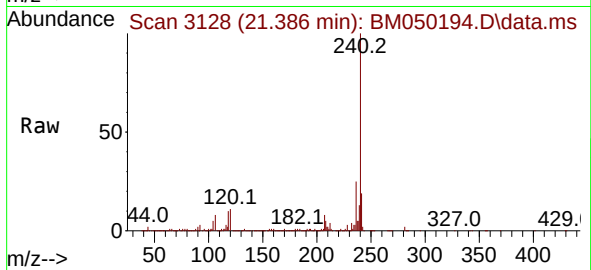
Tgt Ion:240 Resp: 992954

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

236 25.4 20.7 31.1



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.78 min

Lab File: BM050194.D

Acq: 05 Jun 2025 09:20

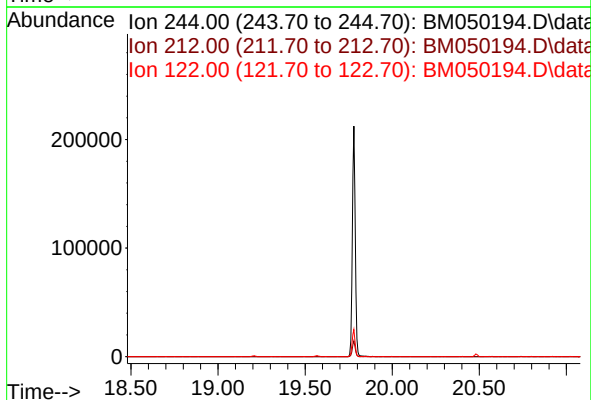
Tgt Ion: 244

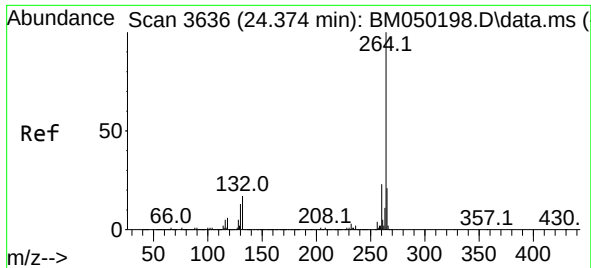
Sig Exp Ratio

244 100

212 7.5

122 10.7





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.374 min Scan# 30  
 Delta R.T. -0.001 min  
 Lab File: BM050194.D  
 Acq: 05 Jun 2025 09:20

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTDICC2.5

Tgt Ion:264 Resp: 1067519  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 18.6 28.0  
 265 21.0 16.8 25.2

