

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061325\  
 Data File : BM050311.D  
 Acq On : 13 Jun 2025 22:24  
 Operator : RC/JU  
 Sample : Q2296-20  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-5

Quant Time: Jun 14 00:41:06 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 09 11:54:38 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.763  | 152  | 374198   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.545 | 136  | 1386931  | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.392 | 164  | 729126   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.127 | 188  | 1344097  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.356 | 240  | 1424977  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 24.327 | 264  | 1496511  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 3229031  | 143.947 | ng    | 0.00     |
| 7) Phenol-d6                | 6.928  | 99   | 3589177  | 121.545 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.910  | 82   | 2720170  | 102.003 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.874 | 330  | 1177559  | 141.989 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.016 | 172  | 5113901  | 94.956  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.756 | 244  | 6281401  | 83.534  | ng    | -0.01    |

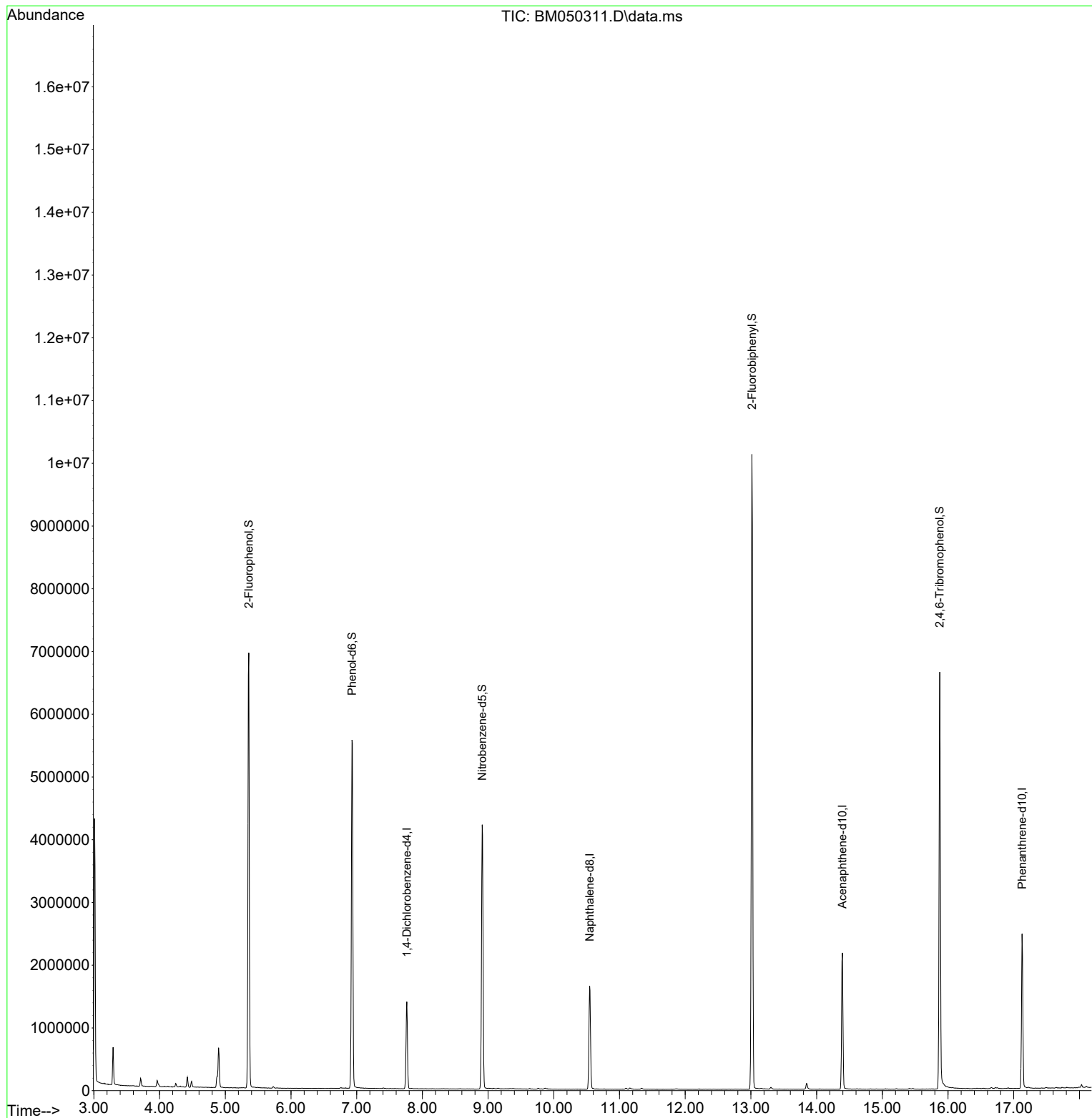
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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ALS Vial : 13 Sample Multiplier: 1

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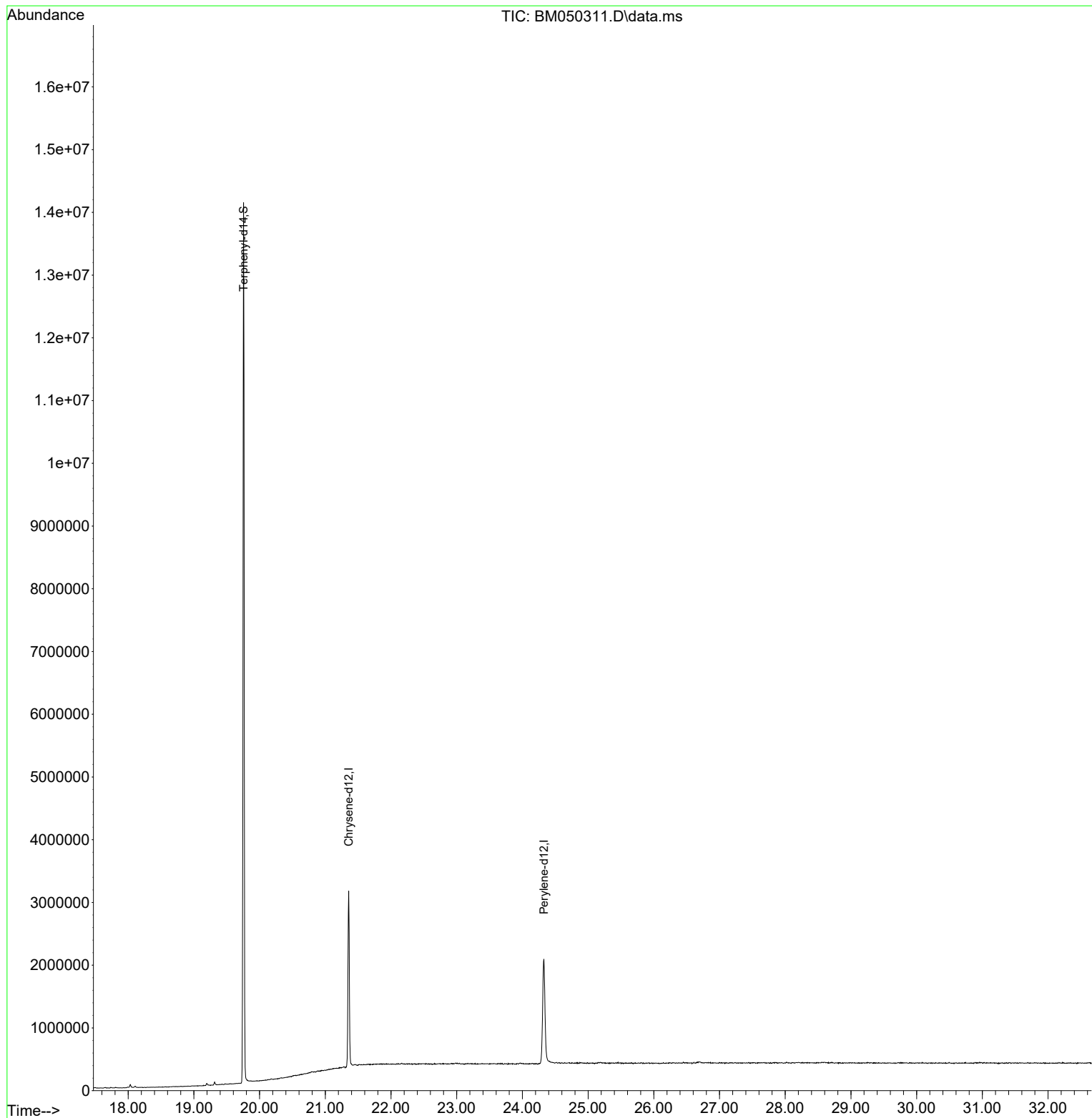
Quant Time: Jun 14 00:41:06 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 09 11:54:38 2025  
Response via : Initial Calibration

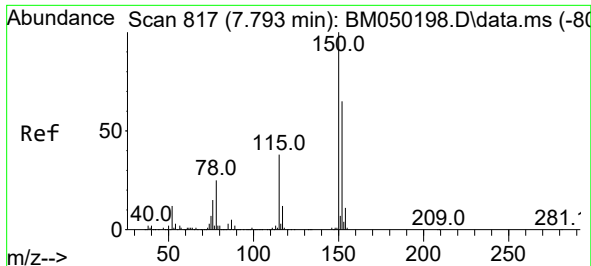


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061325\  
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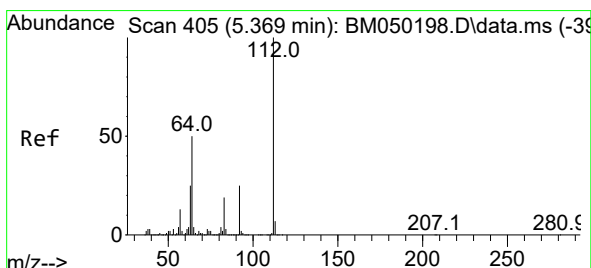
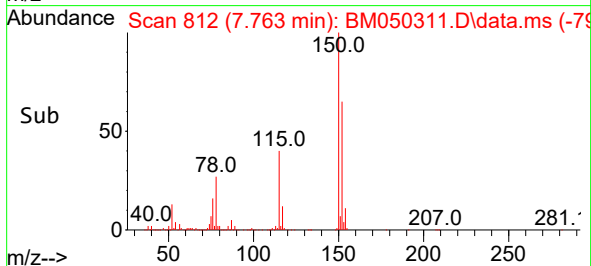
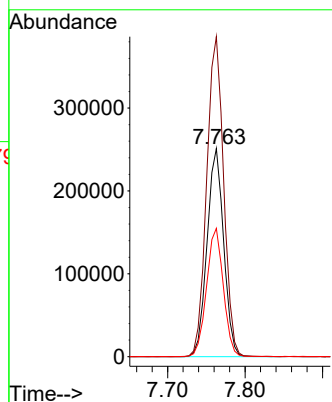
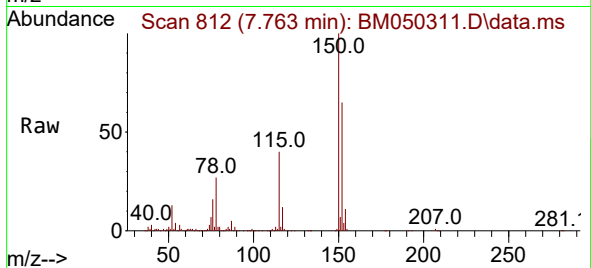




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.763 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BM050311.D  
Acq: 13 Jun 2025 22:24

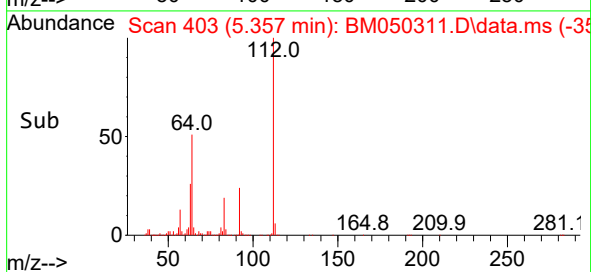
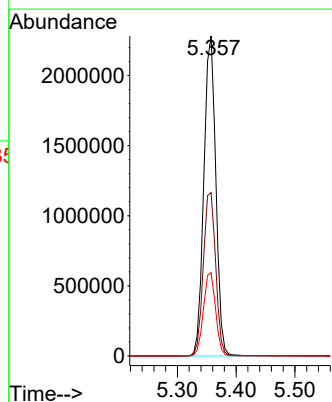
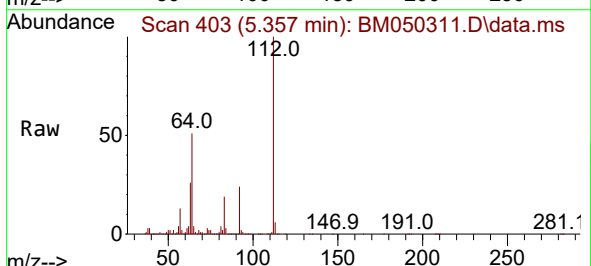
Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

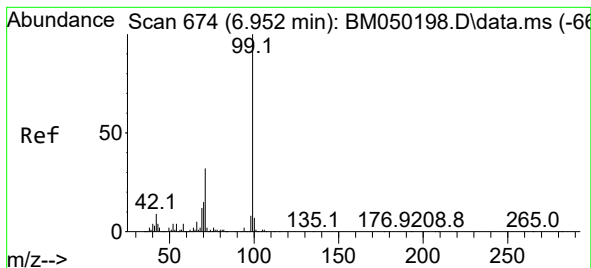
Tgt Ion:152 Resp: 374198  
Ion Ratio Lower Upper  
152 100  
150 153.7 122.2 183.4  
115 61.7 46.3 69.5



#5  
2-Fluorophenol  
Concen: 143.947 ng  
RT: 5.357 min Scan# 403  
Delta R.T. -0.000 min  
Lab File: BM050311.D  
Acq: 13 Jun 2025 22:24

Tgt Ion:112 Resp: 3229031  
Ion Ratio Lower Upper  
112 100  
64 51.1 39.8 59.6  
63 26.0 19.8 29.8

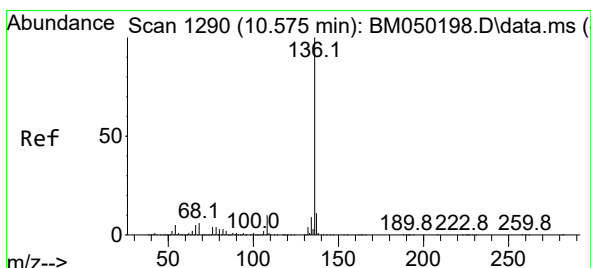
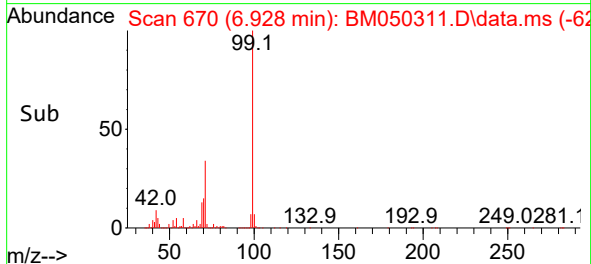
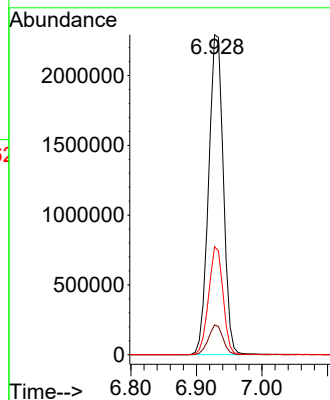
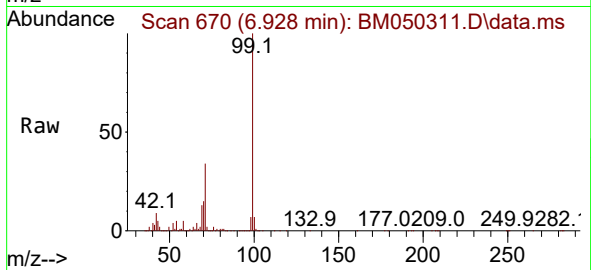




#7  
Phenol-d6  
Concen: 121.545 ng  
RT: 6.928 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM050311.D  
Acq: 13 Jun 2025 22:24

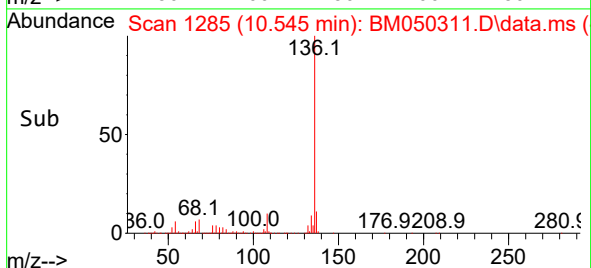
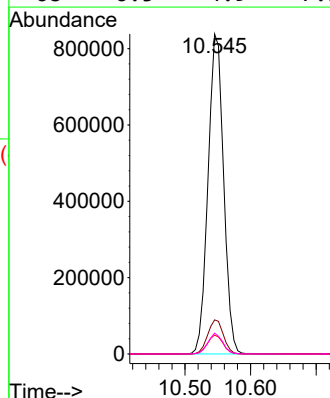
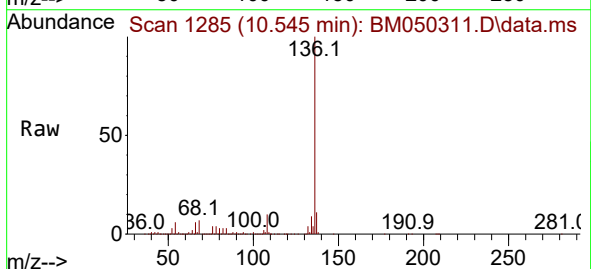
Instrument :  
BNA\_M  
ClientSampleId :  
WC-5

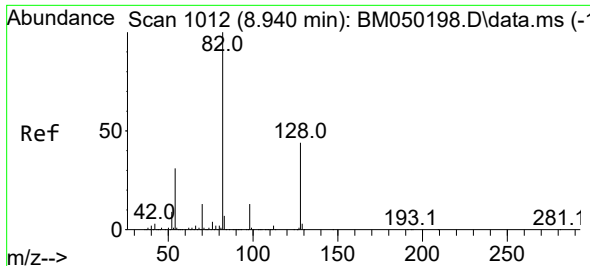
Tgt Ion: 99 Resp: 3589177  
Ion Ratio Lower Upper  
99 100  
42 9.3 6.9 10.3  
71 33.7 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.545 min Scan# 1285  
Delta R.T. -0.012 min  
Lab File: BM050311.D  
Acq: 13 Jun 2025 22:24

Tgt Ion: 136 Resp: 1386931  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 5.9 3.8 5.8#  
68 6.5 4.9 7.3

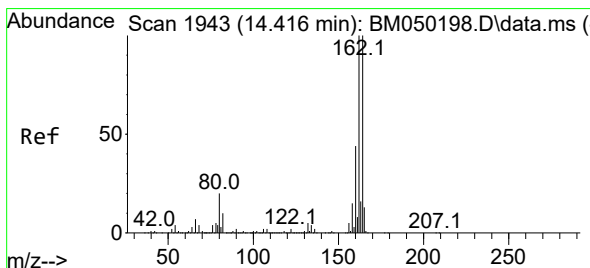
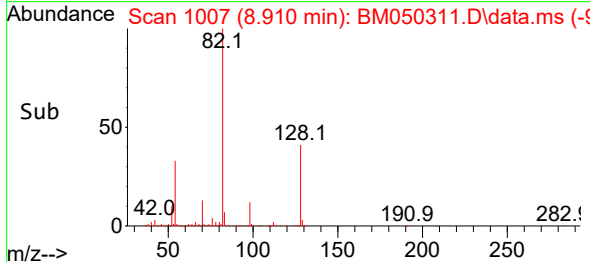
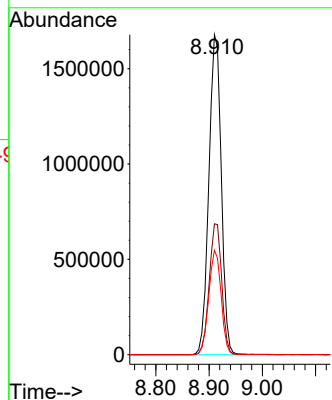
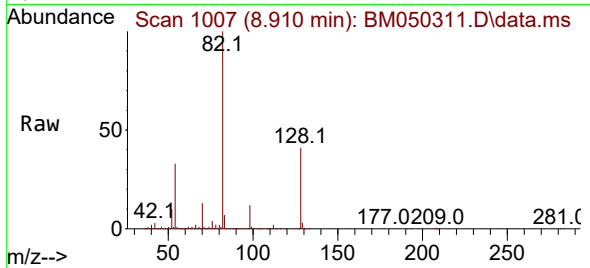




#23  
 Nitrobenzene-d5  
 Concen: 102.003 ng  
 RT: 8.910 min Scan# 1012  
 Delta R.T. -0.006 min  
 Lab File: BM050311.D  
 Acq: 13 Jun 2025 22:24

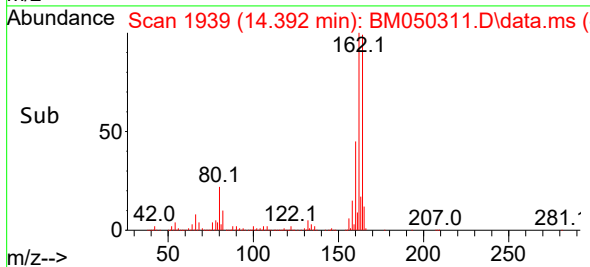
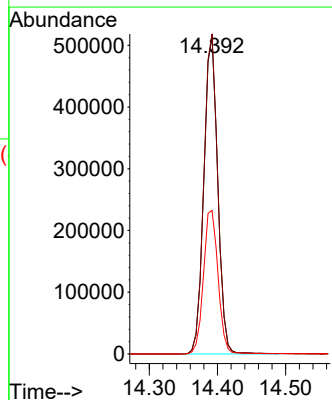
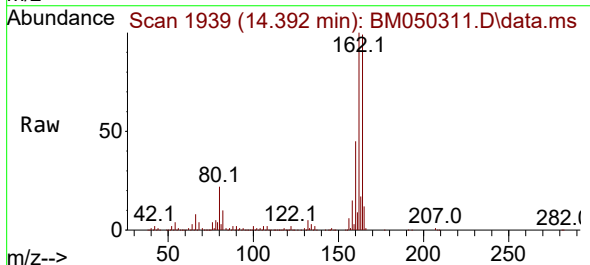
Instrument :  
 BNA\_M  
 ClientSampleId :  
 WC-5

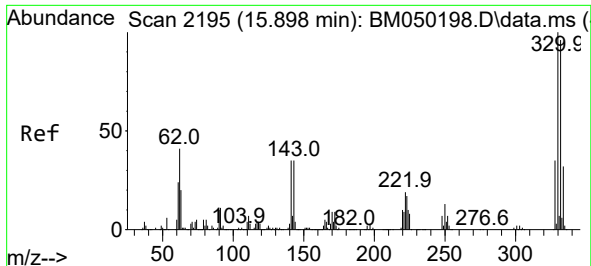
Tgt Ion: 82 Resp: 2720170  
 Ion Ratio Lower Upper  
 82 100  
 128 40.9 35.2 52.8  
 54 32.7 24.5 36.7



#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.392 min Scan# 1939  
 Delta R.T. -0.006 min  
 Lab File: BM050311.D  
 Acq: 13 Jun 2025 22:24

Tgt Ion: 164 Resp: 729126  
 Ion Ratio Lower Upper  
 164 100  
 162 101.0 80.2 120.4  
 160 45.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 141.989 ng

RT: 15.874 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

Instrument :

BNA\_M

ClientSampleId :

WC-5

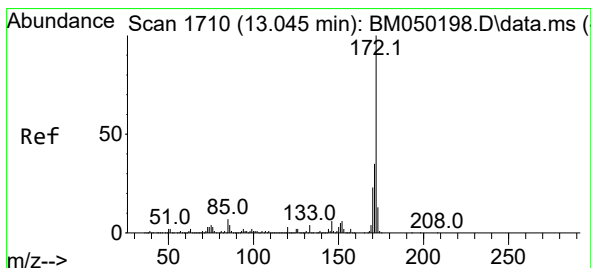
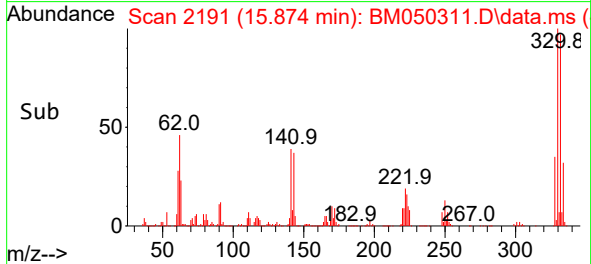
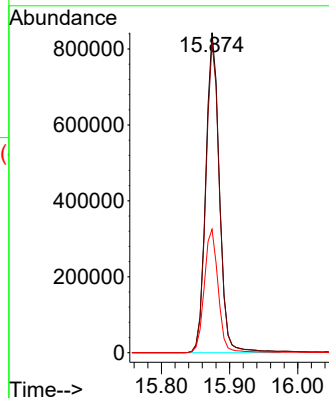
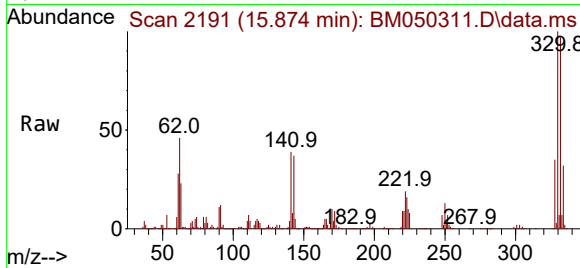
Tgt Ion:330 Resp: 1177559

Ion Ratio Lower Upper

330 100

332 97.8 77.5 116.3

141 39.3 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 94.956 ng

RT: 13.016 min Scan# 1705

Delta R.T. -0.012 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

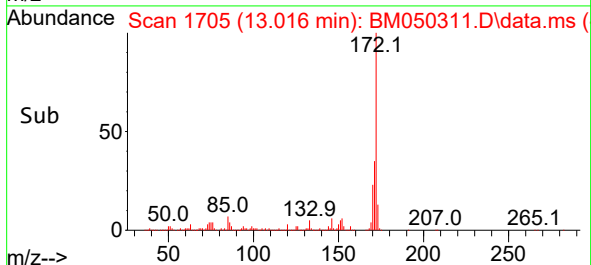
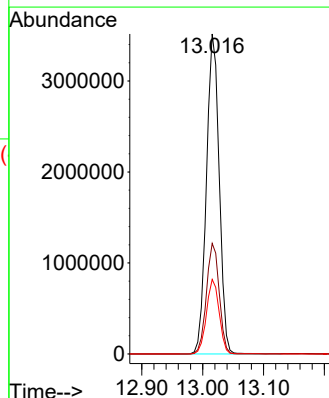
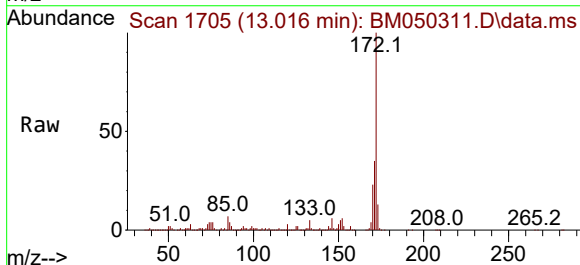
Tgt Ion:172 Resp: 5113901

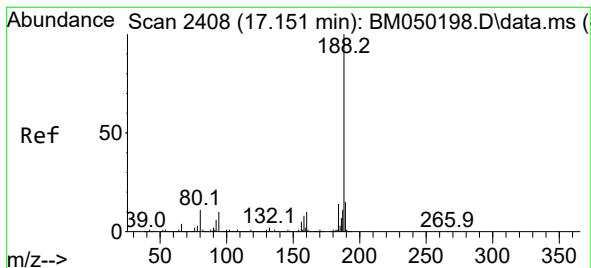
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.127 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

Instrument :

BNA\_M

ClientSampleId :

WC-5

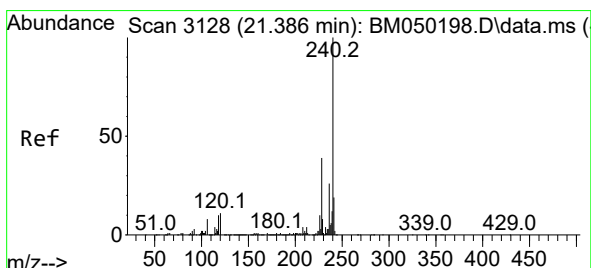
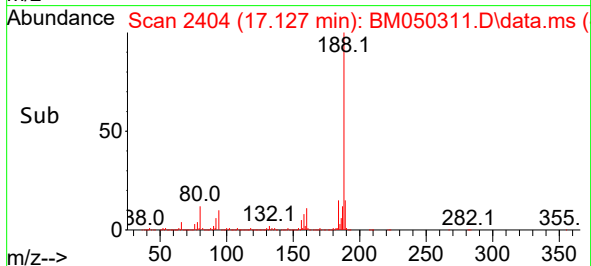
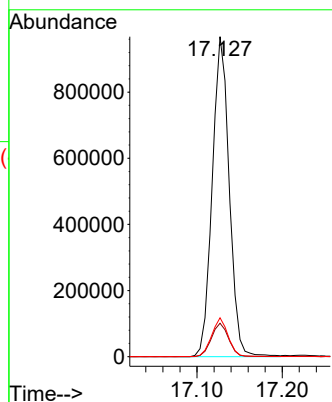
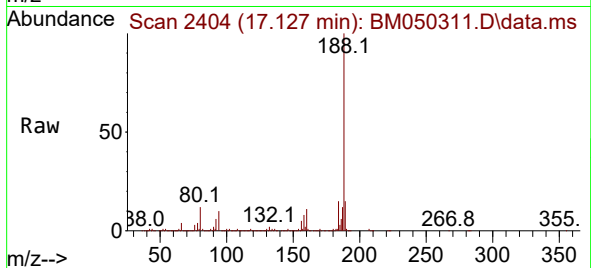
Tgt Ion:188 Resp: 1344097

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

80 12.1 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.018 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

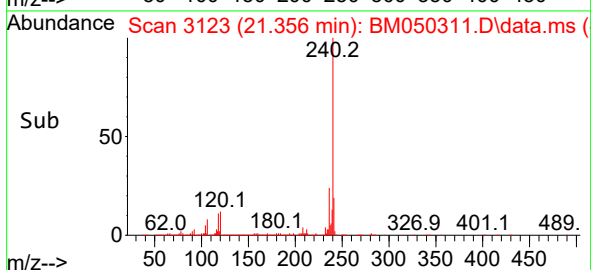
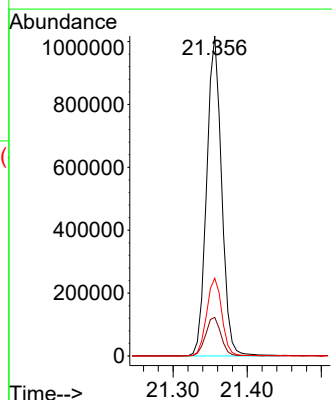
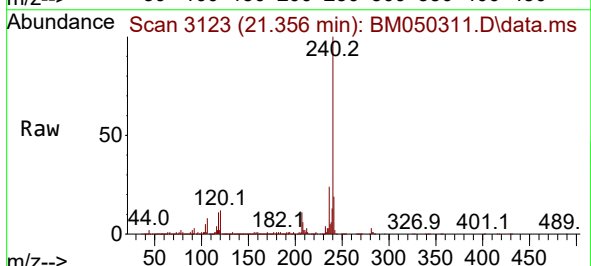
Tgt Ion:240 Resp: 1424977

Ion Ratio Lower Upper

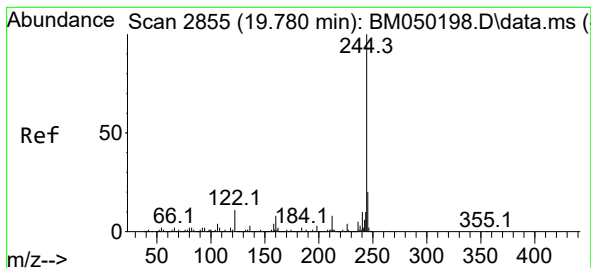
240 100

120 12.1 9.0 13.4

236 24.3 20.7 31.1







#79

Terphenyl-d14

Concen: 83.534 ng

RT: 19.756 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

Instrument :

BNA\_M

ClientSampleId :

WC-5

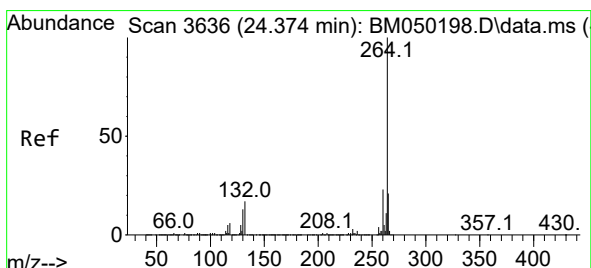
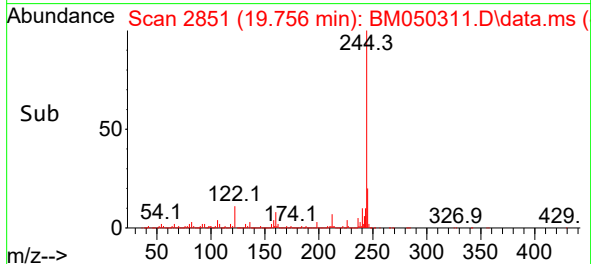
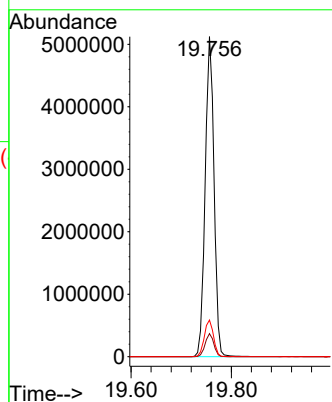
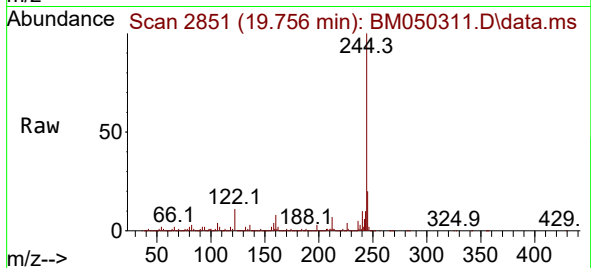
Tgt Ion:244 Resp: 6281401

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 11.5 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.327 min Scan# 3628

Delta R.T. -0.018 min

Lab File: BM050311.D

Acq: 13 Jun 2025 22:24

Tgt Ion:264 Resp: 1496511

Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.6 16.8 25.2

