

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060625\  
 Data File : BM050212.D  
 Acq On : 06 Jun 2025 13:26  
 Operator : RC/JU  
 Sample : Q2194-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 COMP-12

Quant Time: Jun 06 14:33:34 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 16:20:25 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 332139   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.575 | 136  | 1262261  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.416 | 164  | 747393   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.151 | 188  | 1395636  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.380 | 240  | 1224508  | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.368 | 264  | 1241044  | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.375  | 112  | 2593950  | 130.279 | ng    | 0.00     |
| 7) Phenol-d6                | 6.952  | 99   | 3264685  | 124.556 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.934  | 82   | 1973411  | 81.309  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 15.898 | 330  | 1157554  | 136.166 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.039 | 172  | 4287995  | 77.674  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.780 | 244  | 5435181  | 84.114  | ng    | 0.00     |

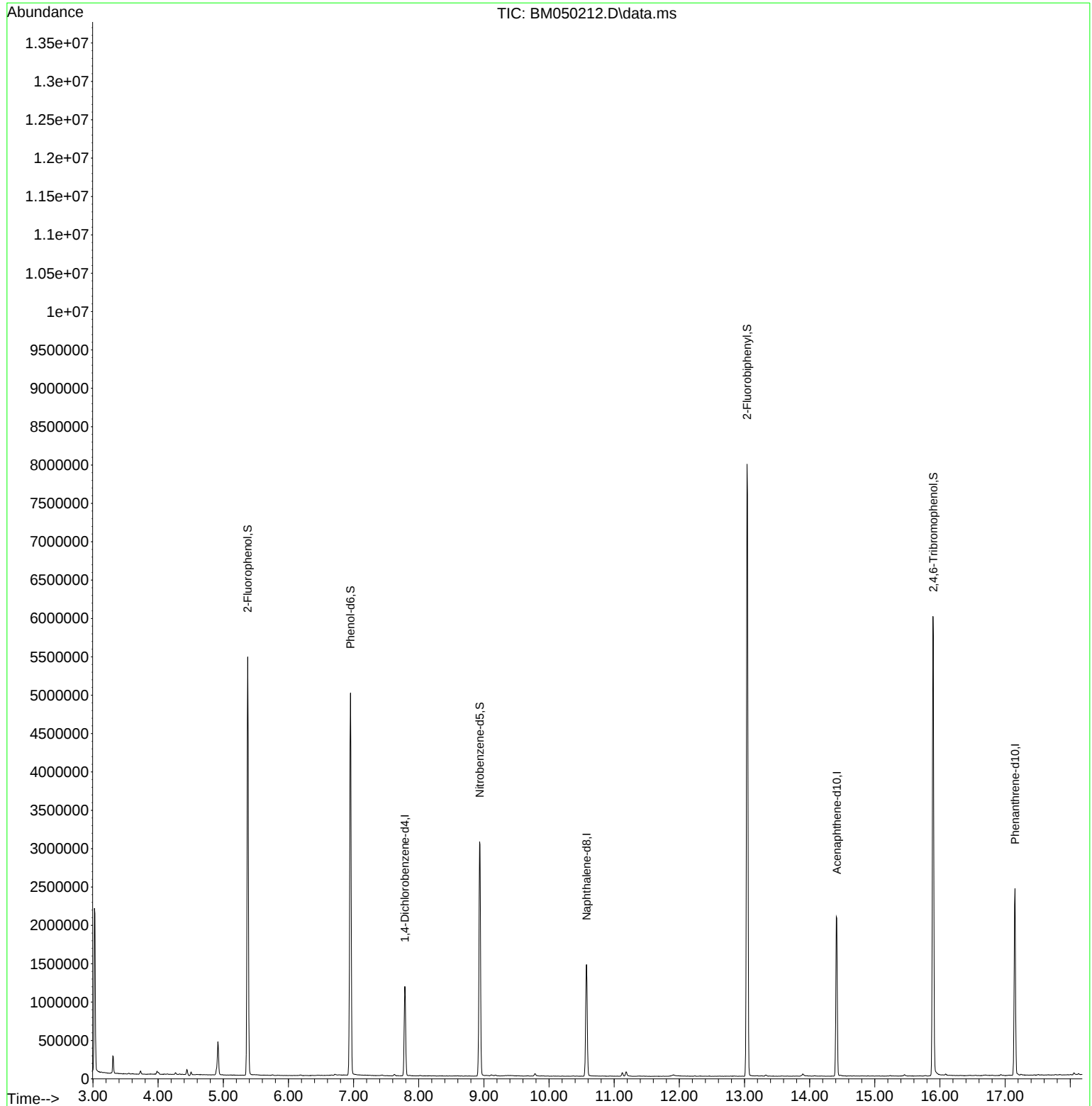
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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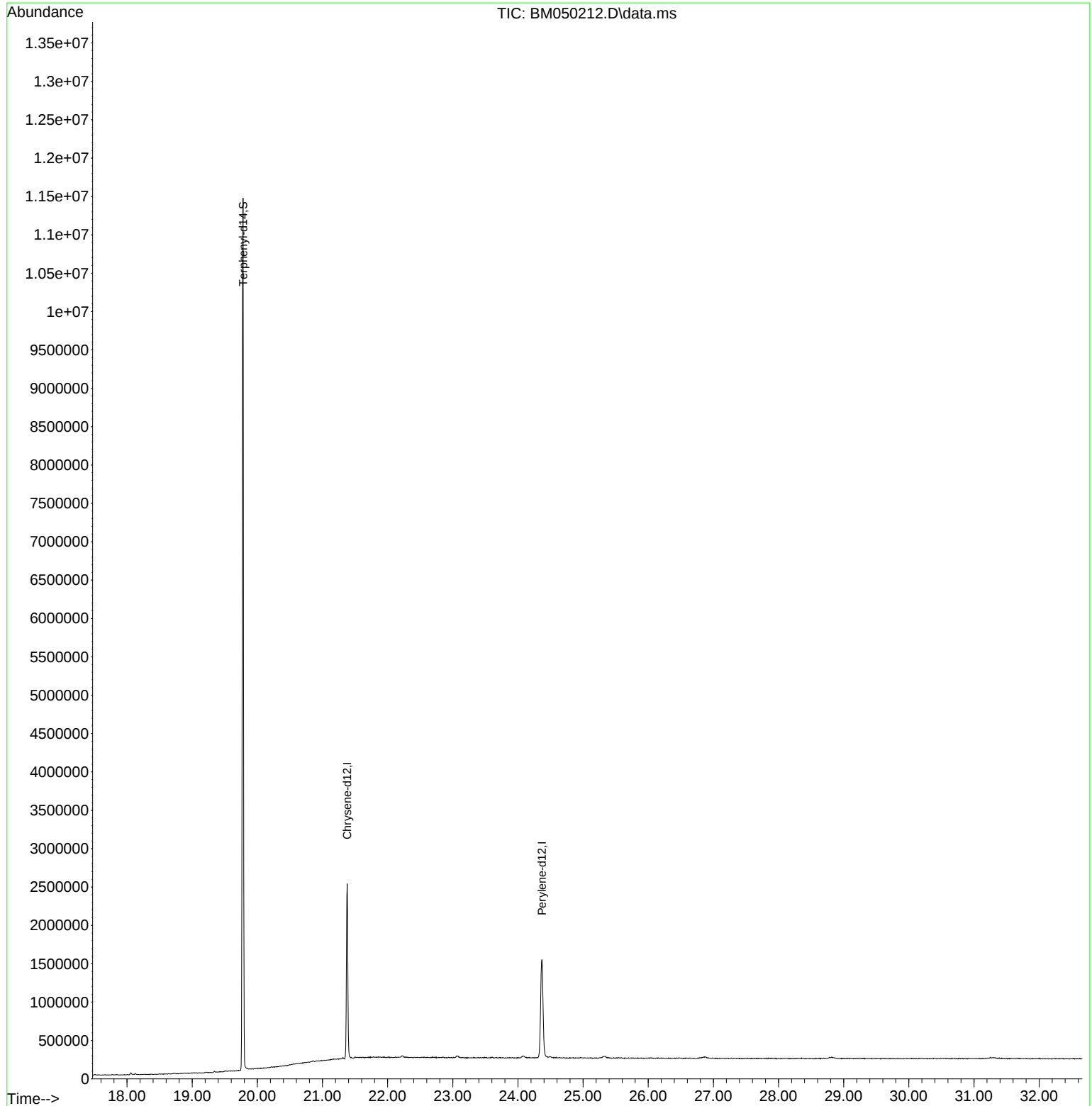
Quant Time: Jun 06 14:33:34 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 05 16:20:25 2025  
Response via : Initial Calibration

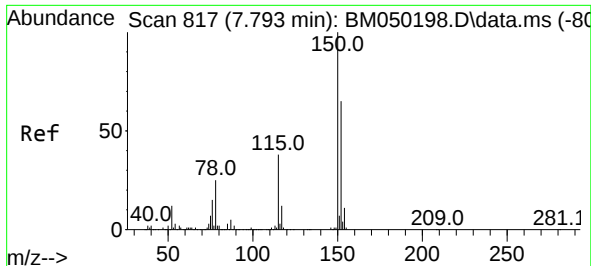


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060625\  
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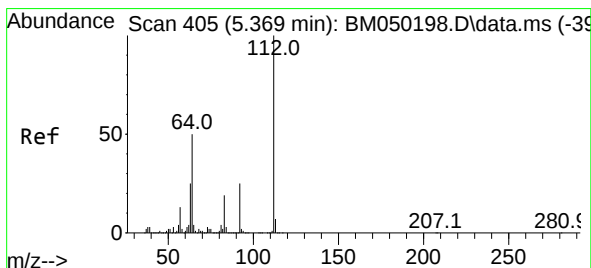
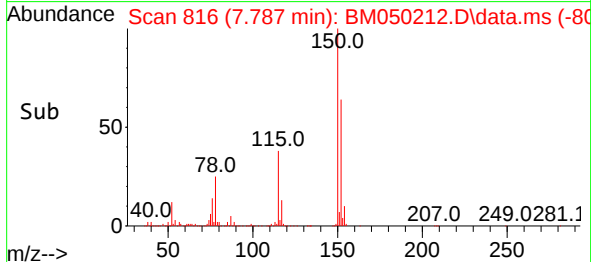
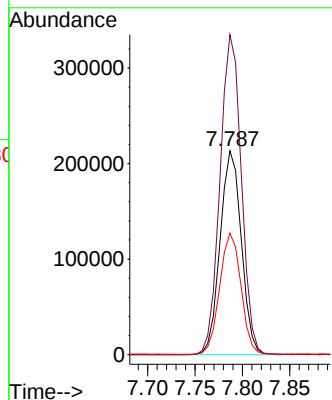
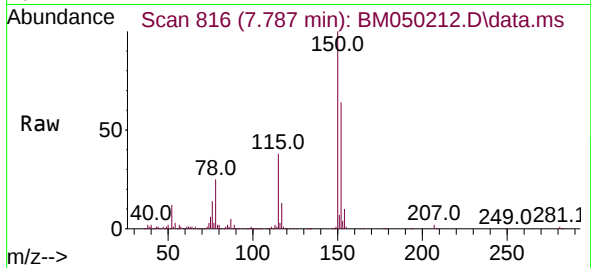




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BM050212.D  
Acq: 06 Jun 2025 13:26

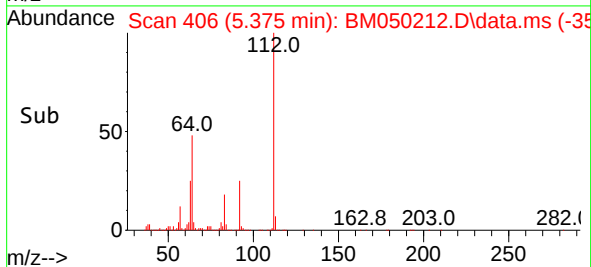
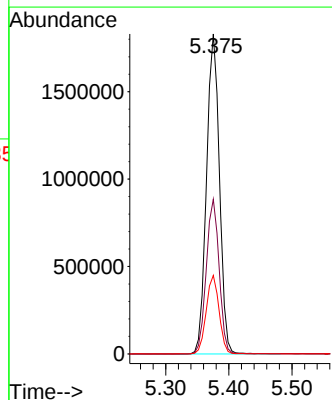
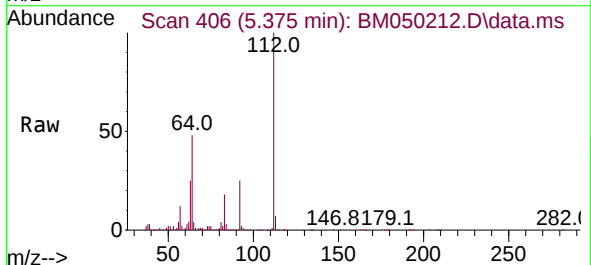
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-12

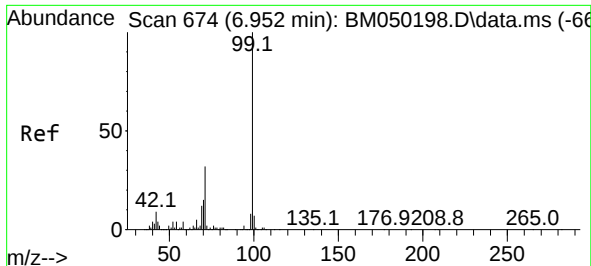
Tgt Ion:152 Resp: 332139  
Ion Ratio Lower Upper  
152 100  
150 157.1 122.2 183.4  
115 59.6 46.3 69.5



#5  
2-Fluorophenol  
Concen: 130.279 ng  
RT: 5.375 min Scan# 406  
Delta R.T. 0.000 min  
Lab File: BM050212.D  
Acq: 06 Jun 2025 13:26

Tgt Ion:112 Resp: 2593950  
Ion Ratio Lower Upper  
112 100  
64 48.3 39.8 59.6  
63 24.5 19.8 29.8

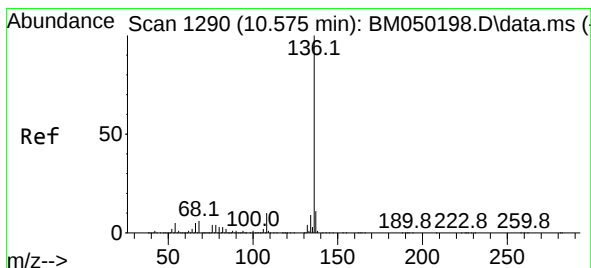
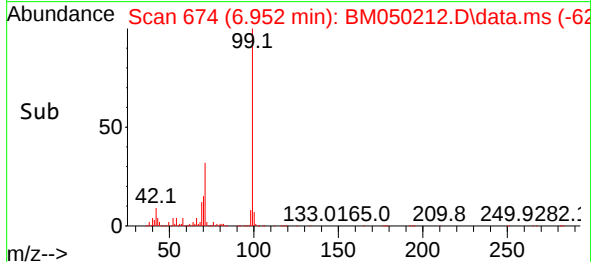
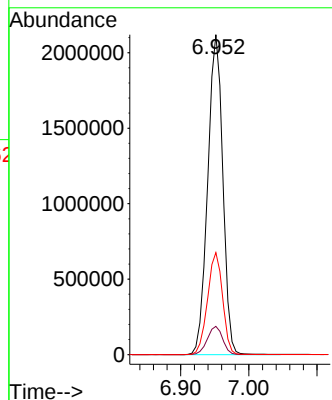
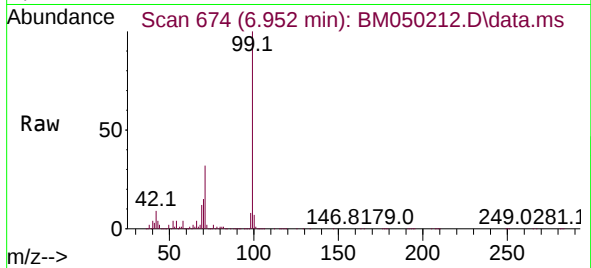




#7  
Phenol-d6  
Concen: 124.556 ng  
RT: 6.952 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BM050212.D  
Acq: 06 Jun 2025 13:26

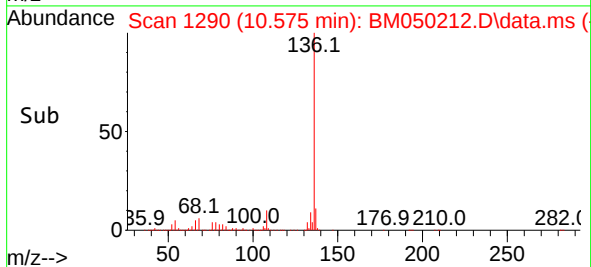
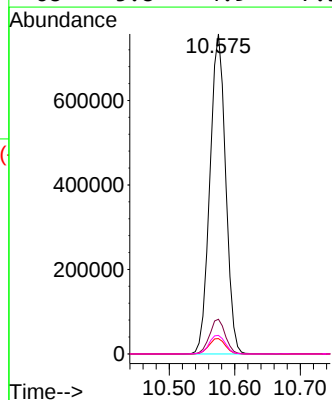
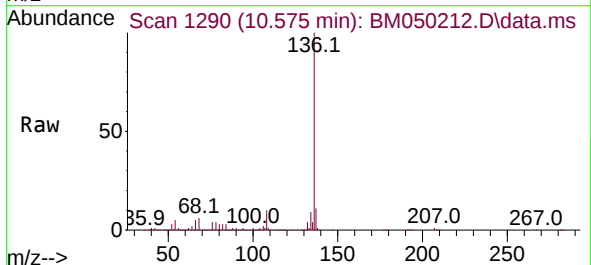
Instrument :  
BNA\_M  
ClientSampleId :  
COMP-12

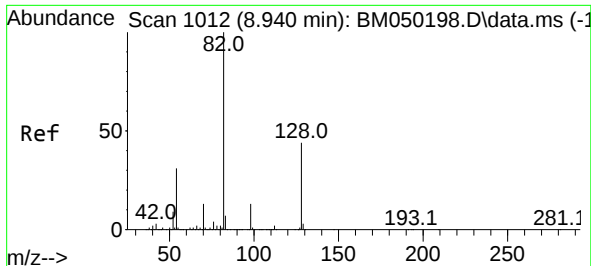
Tgt Ion: 99 Resp: 3264685  
Ion Ratio Lower Upper  
99 100  
42 8.8 6.9 10.3  
71 31.9 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.575 min Scan# 1290  
Delta R.T. -0.006 min  
Lab File: BM050212.D  
Acq: 06 Jun 2025 13:26

Tgt Ion: 136 Resp: 1262261  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 4.8 3.8 5.8  
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 81.309 ng

RT: 8.934 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BM050212.D

Acq: 06 Jun 2025 13:26

Instrument :

BNA\_M

ClientSampleId :

COMP-12

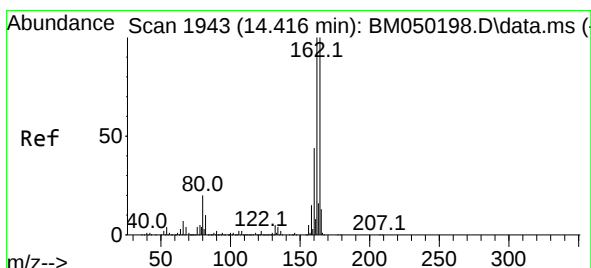
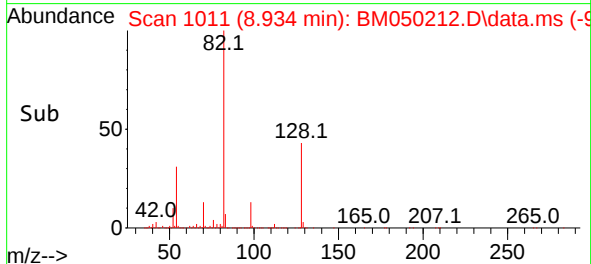
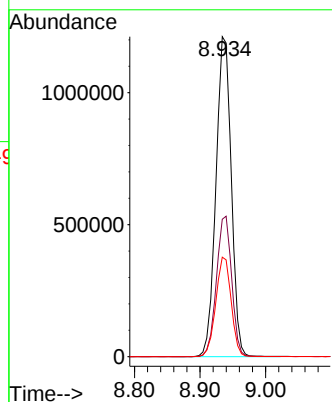
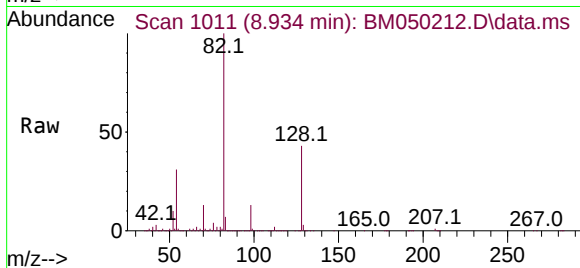
Tgt Ion: 82 Resp: 1973411

Ion Ratio Lower Upper

82 100

128 42.9 35.2 52.8

54 31.1 24.5 36.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. 0.000 min

Lab File: BM050212.D

Acq: 06 Jun 2025 13:26

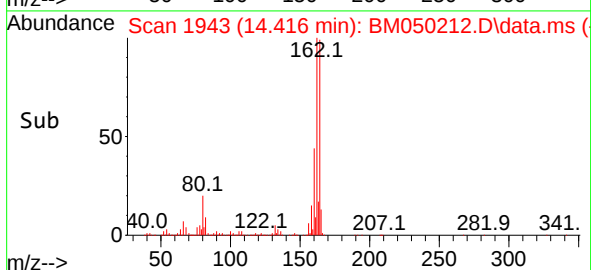
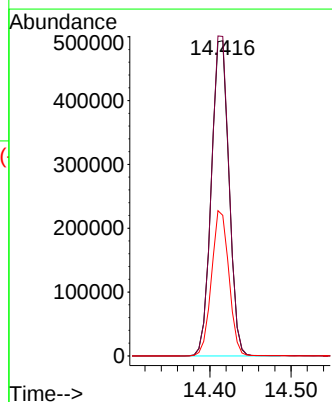
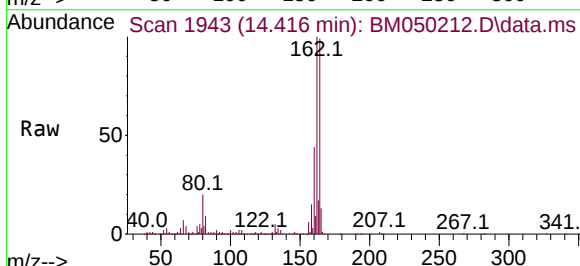
Tgt Ion:164 Resp: 747393

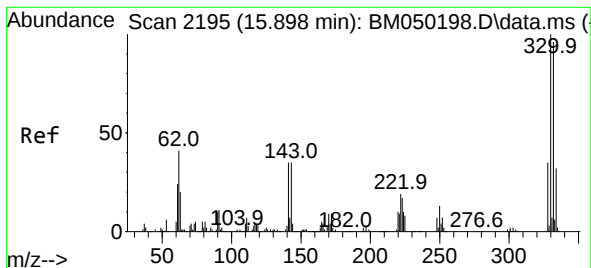
Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.4

160 44.6 35.7 53.5

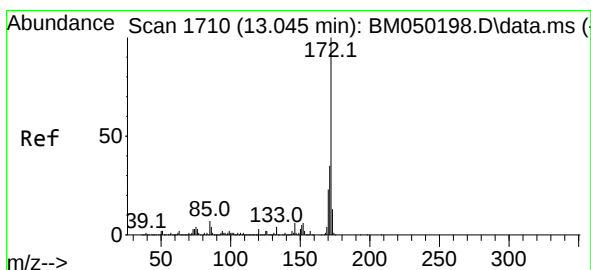
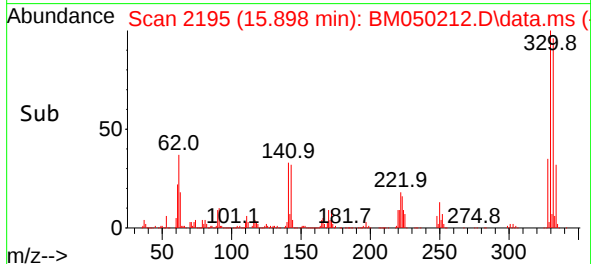
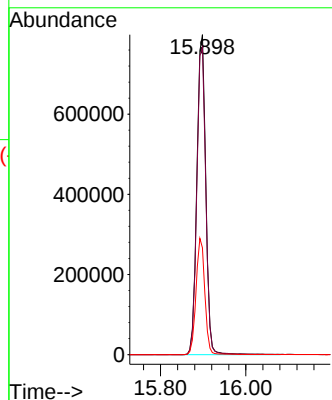
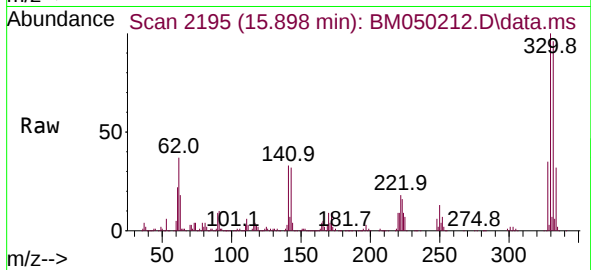




#42  
2,4,6-Tribromophenol  
Concen: 136.166 ng  
RT: 15.898 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BM050212.D  
Acq: 06 Jun 2025 13:26

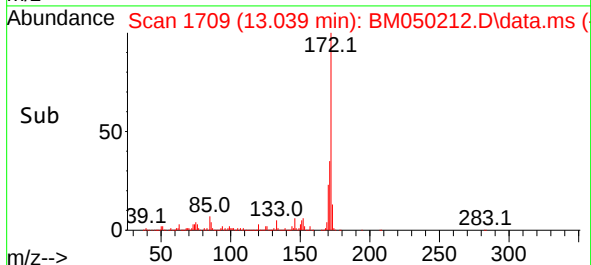
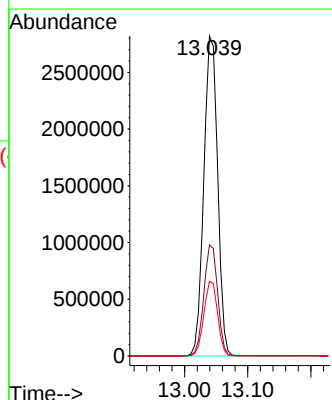
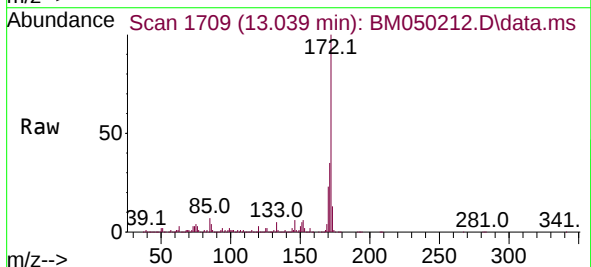
Instrument :  
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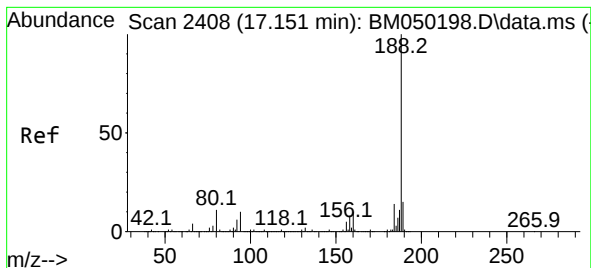
Tgt Ion:330 Resp: 1157554  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.5 116.3  
141 35.9 28.8 43.2



#45  
2-Fluorobiphenyl  
Concen: 77.674 ng  
RT: 13.039 min Scan# 1709  
Delta R.T. -0.012 min  
Lab File: BM050212.D  
Acq: 06 Jun 2025 13:26

Tgt Ion:172 Resp: 4287995  
Ion Ratio Lower Upper  
172 100  
171 34.7 27.8 41.6  
170 23.3 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.151 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM050212.D

Acq: 06 Jun 2025 13:26

Instrument :

BNA\_M

ClientSampleId :

COMP-12

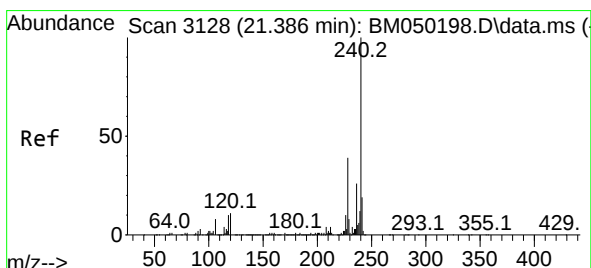
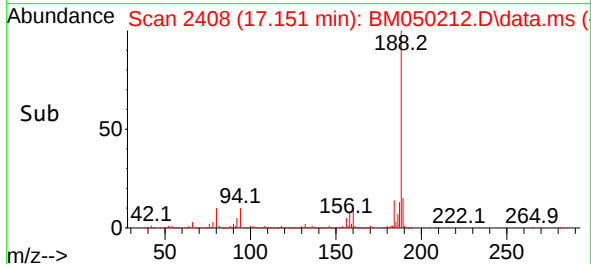
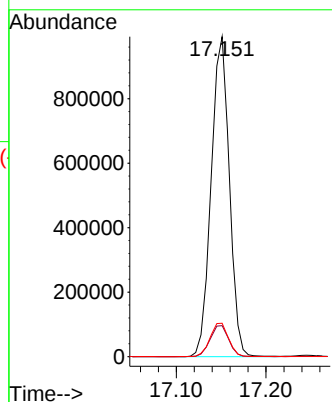
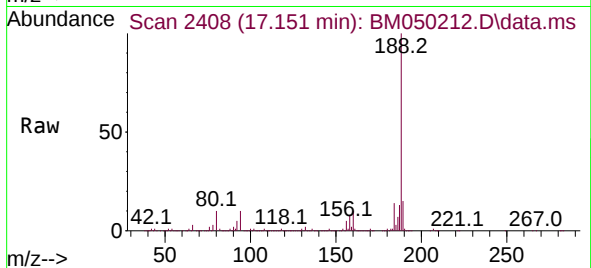
Tgt Ion:188 Resp: 1395636

Ion Ratio Lower Upper

188 100

94 9.7 8.1 12.1

80 10.5 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.380 min Scan# 3127

Delta R.T. -0.006 min

Lab File: BM050212.D

Acq: 06 Jun 2025 13:26

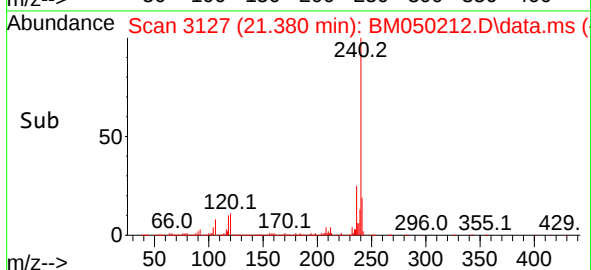
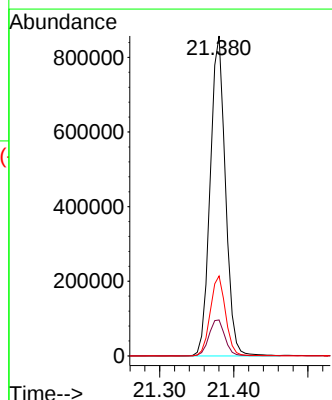
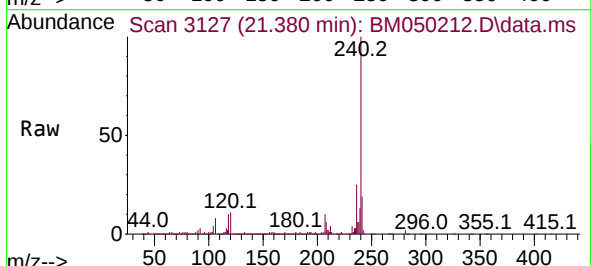
Tgt Ion:240 Resp: 1224508

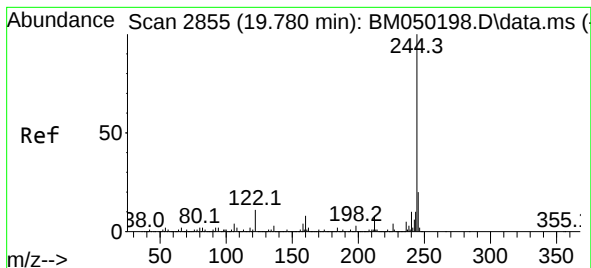
Ion Ratio Lower Upper

240 100

120 11.2 9.0 13.4

236 25.0 20.7 31.1





#79

Terphenyl-d14

Concen: 84.114 ng

RT: 19.780 min Scan# 2855

Delta R.T. -0.006 min

Lab File: BM050212.D

Acq: 06 Jun 2025 13:26

Instrument :

BNA\_M

ClientSampleId :

COMP-12

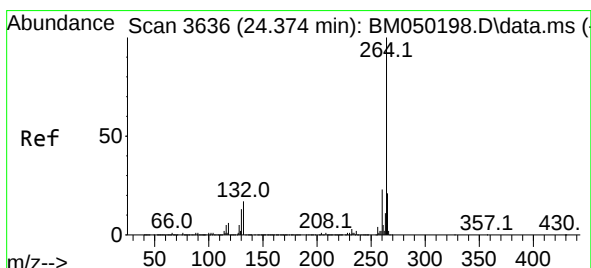
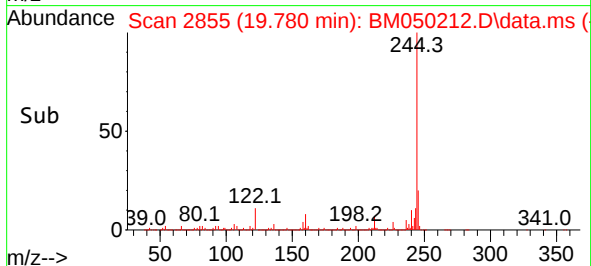
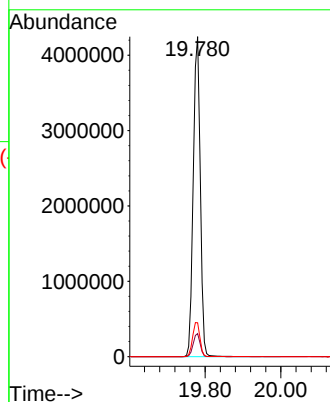
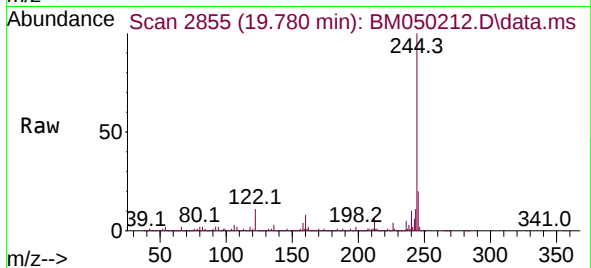
Tgt Ion:244 Resp: 5435181

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 10.6 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.368 min Scan# 3635

Delta R.T. -0.006 min

Lab File: BM050212.D

Acq: 06 Jun 2025 13:26

Tgt Ion:264 Resp: 1241044

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.6 16.8 25.2

