

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061325\  
 Data File : BM050317.D  
 Acq On : 14 Jun 2025 03:00  
 Operator : RC/JU  
 Sample : PB168428TB  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB168428TB

Quant Time: Jun 14 04:28:02 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  | 427909   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.545 | 136  | 1575829  | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.392 | 164  | 855467   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.127 | 188  | 1557192  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.356 | 240  | 1581816  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 24.321 | 264  | 1677028  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.357  | 112  | 3698811  | 144.193 | ng    | 0.00     |
| 7) Phenol-d6                | 6.934  | 99   | 4492289  | 133.033 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.910  | 82   | 2676296  | 88.328  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.874 | 330  | 1383440  | 142.178 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.016 | 172  | 5595242  | 88.550  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.757 | 244  | 7293777  | 87.380  | ng    | -0.01    |

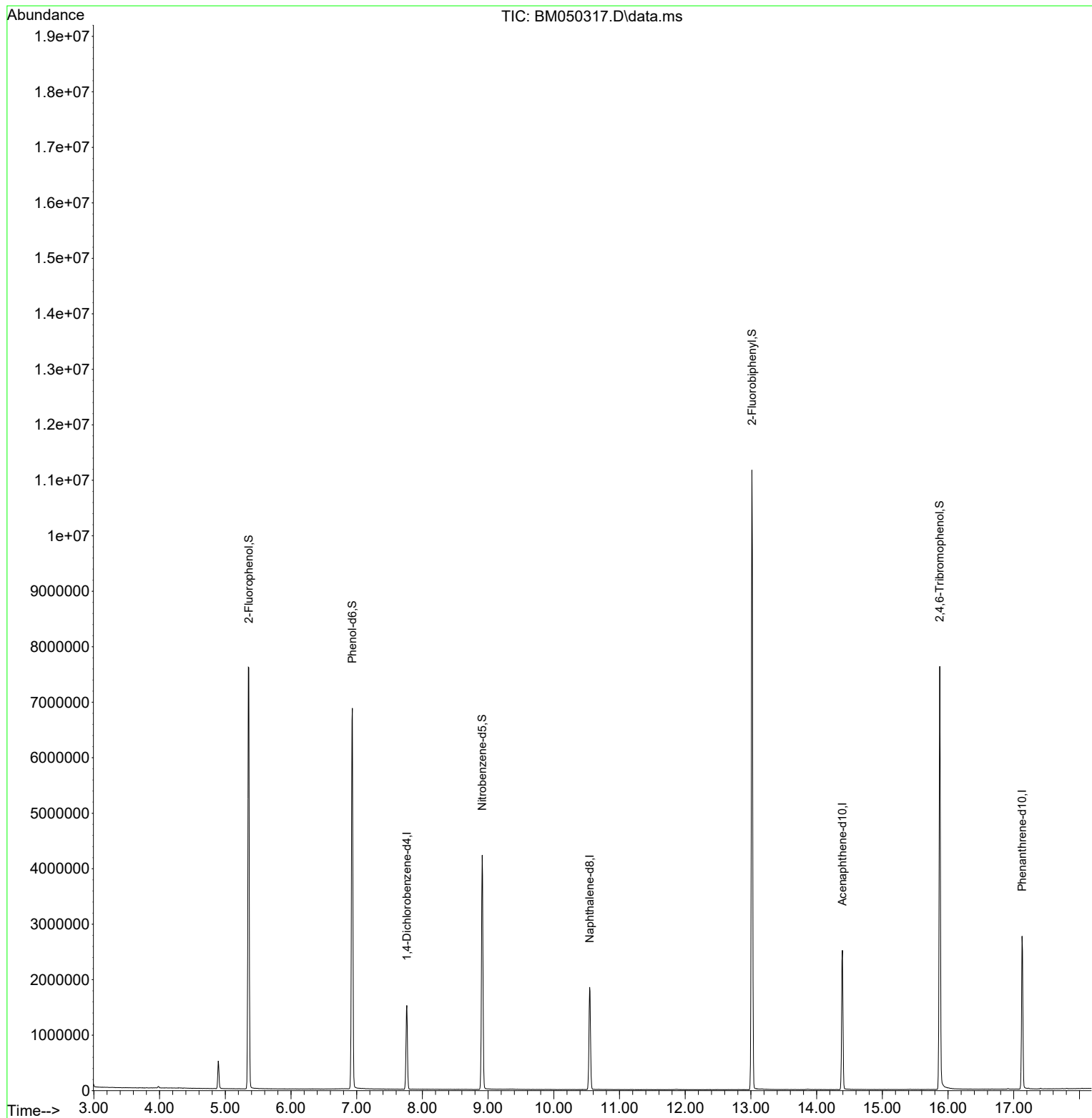
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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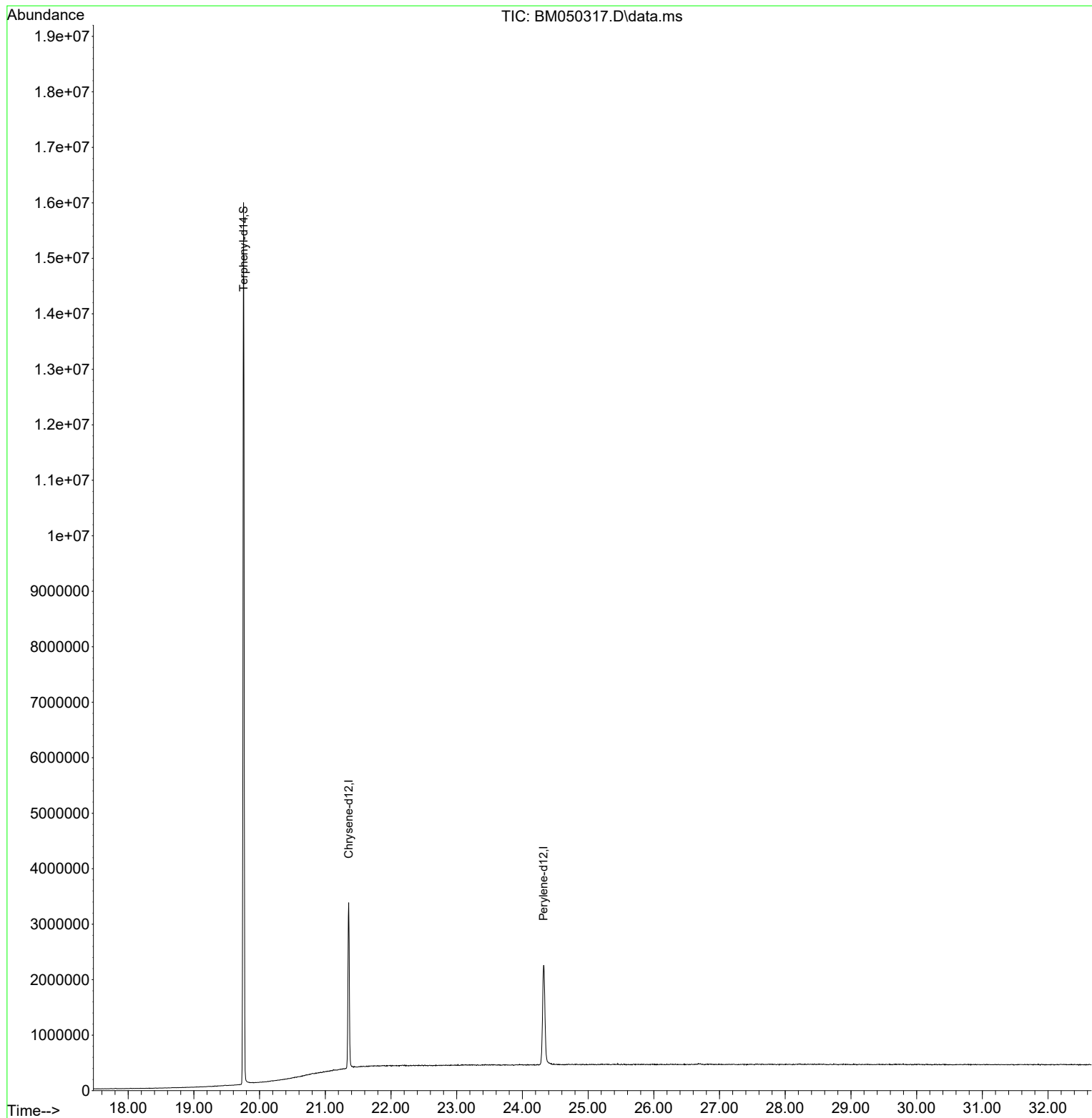
Quant Time: Jun 14 04:28:02 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM060525.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 09 11:54:38 2025  
Response via : Initial Calibration

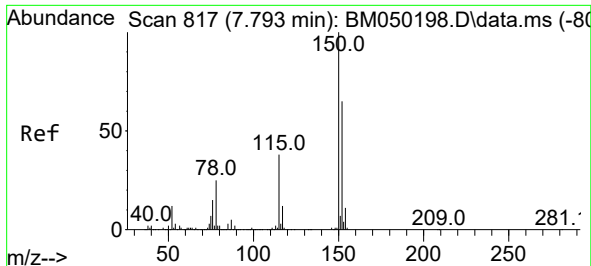


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM061325\  
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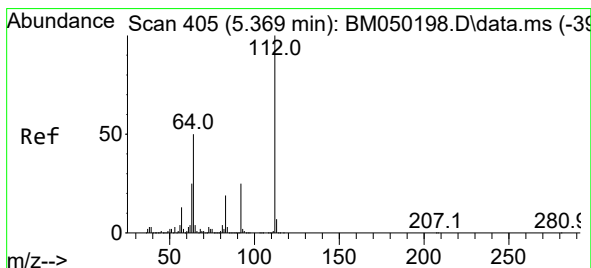
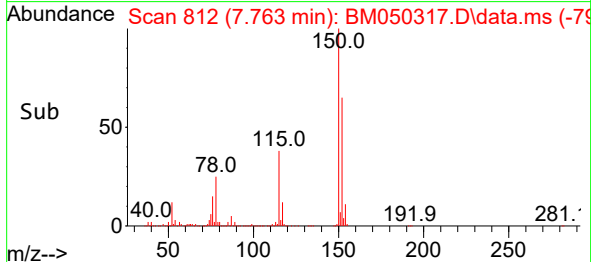
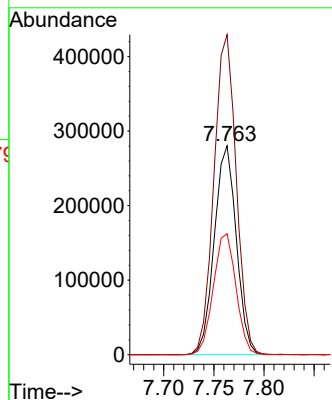
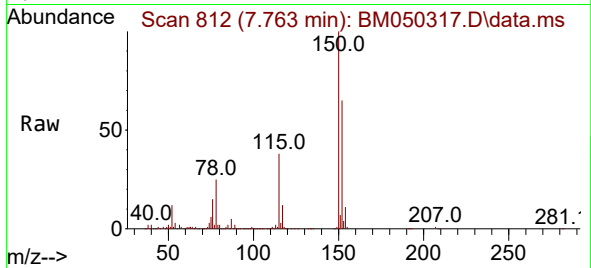




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.763 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BM050317.D  
Acq: 14 Jun 2025 03:00

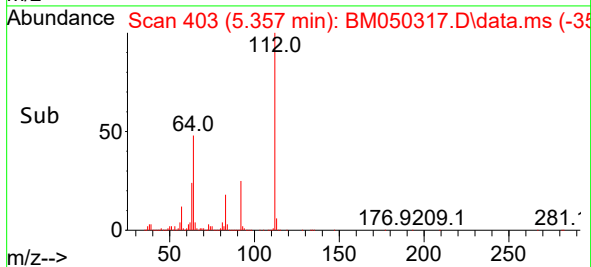
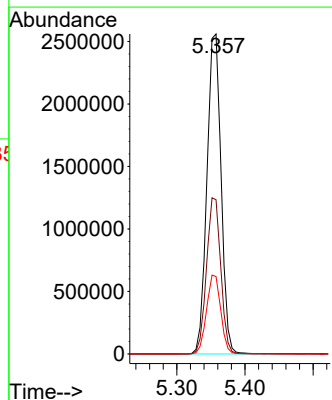
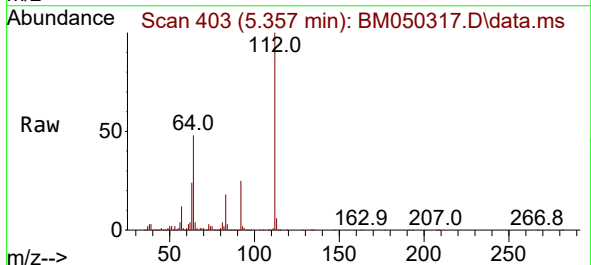
Instrument :  
BNA\_M  
ClientSampleId :  
PB168428TB

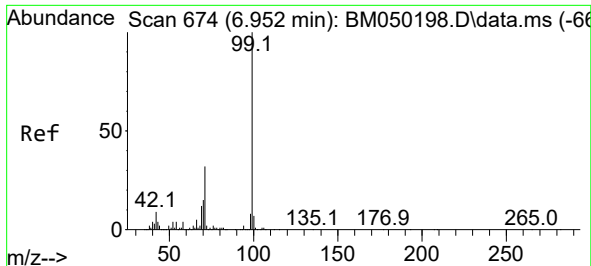
Tgt Ion:152 Resp: 427909  
Ion Ratio Lower Upper  
152 100  
150 153.3 122.2 183.4  
115 57.9 46.3 69.5



#5  
2-Fluorophenol  
Concen: 144.193 ng  
RT: 5.357 min Scan# 403  
Delta R.T. 0.000 min  
Lab File: BM050317.D  
Acq: 14 Jun 2025 03:00

Tgt Ion:112 Resp: 3698811  
Ion Ratio Lower Upper  
112 100  
64 48.2 39.8 59.6  
63 24.2 19.8 29.8

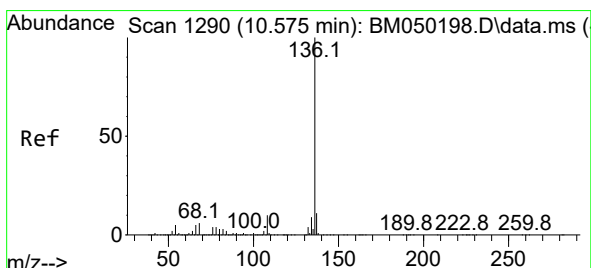
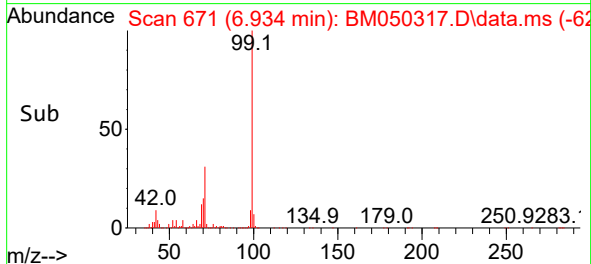
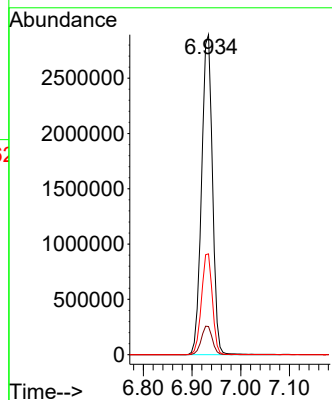
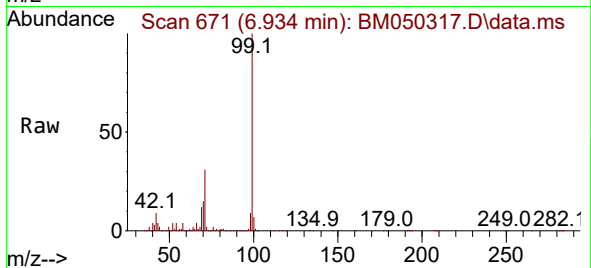




#7  
Phenol-d6  
Concen: 133.033 ng  
RT: 6.934 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM050317.D  
Acq: 14 Jun 2025 03:00

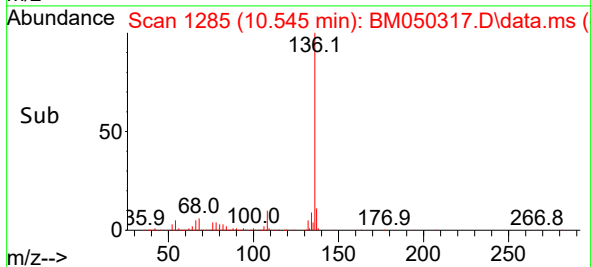
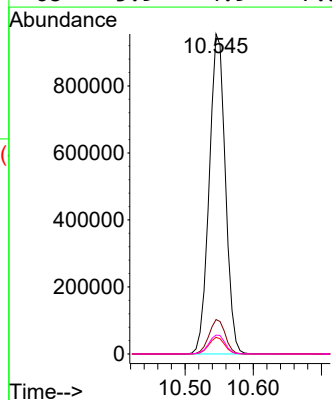
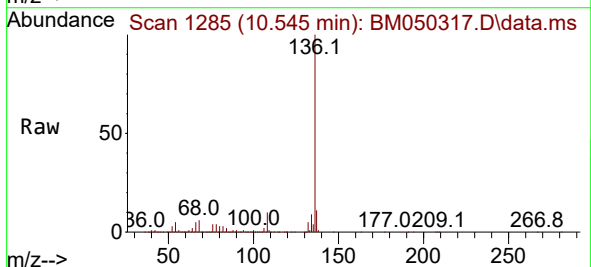
Instrument :  
BNA\_M  
ClientSampleId :  
PB168428TB

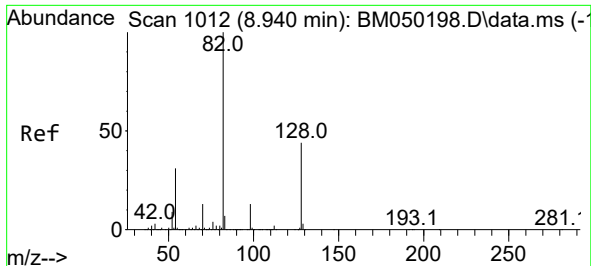
Tgt Ion: 99 Resp: 4492289  
Ion Ratio Lower Upper  
99 100  
42 8.8 6.9 10.3  
71 31.5 25.3 37.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.545 min Scan# 1285  
Delta R.T. -0.012 min  
Lab File: BM050317.D  
Acq: 14 Jun 2025 03:00

Tgt Ion: 136 Resp: 1575829  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 5.2 3.8 5.8  
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 88.328 ng

RT: 8.910 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

Instrument :

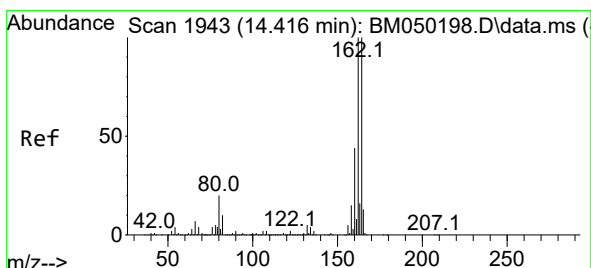
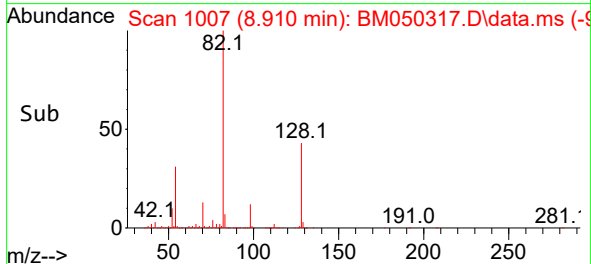
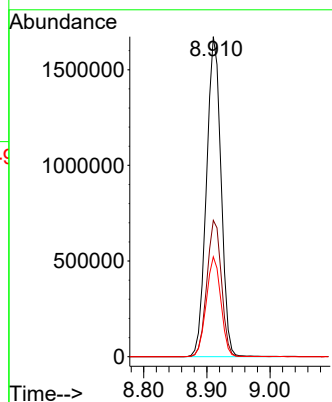
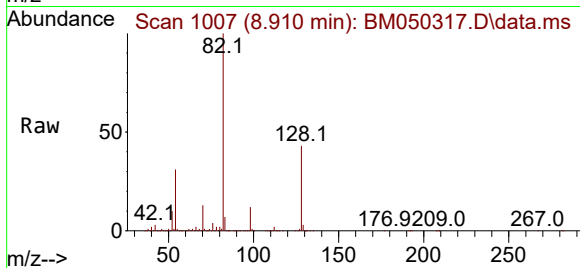
BNA\_M

ClientSampleId :

PB168428TB

Tgt Ion: 82 Resp: 2676296

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.6  | 35.2  | 52.8  |
| 54  | 31.2  | 24.5  | 36.7  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.392 min Scan# 1939

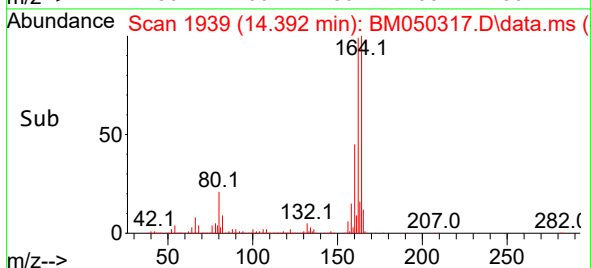
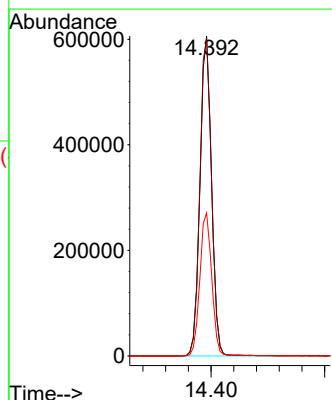
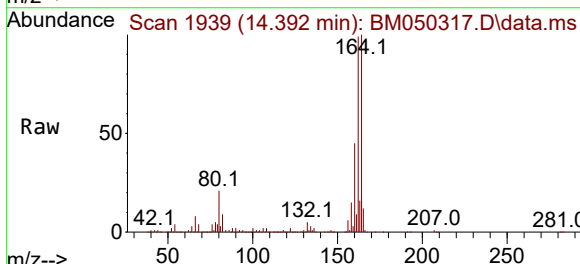
Delta R.T. -0.006 min

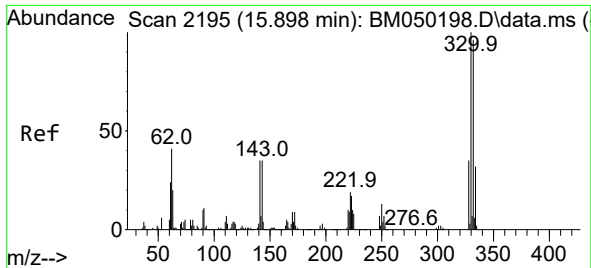
Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

Tgt Ion: 164 Resp: 855467

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 99.2  | 80.2  | 120.4 |
| 160 | 44.7  | 35.7  | 53.5  |

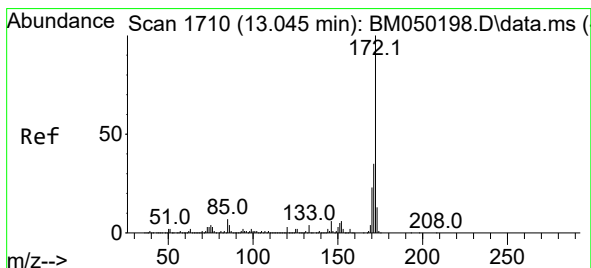
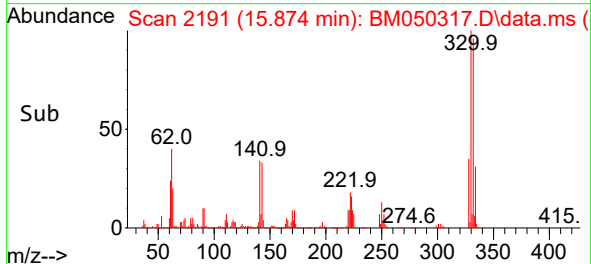
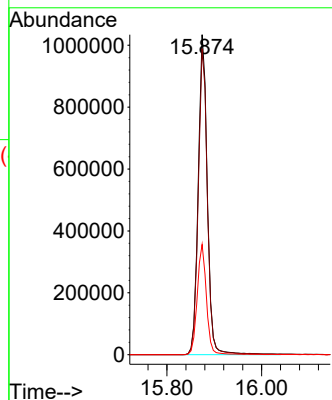
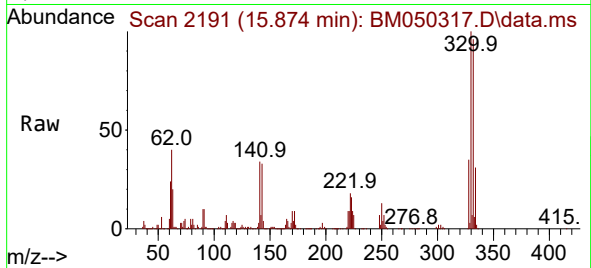




#42  
2,4,6-Tribromophenol  
Concen: 142.178 ng  
RT: 15.874 min Scan# 2195  
Delta R.T. -0.006 min  
Lab File: BM050317.D  
Acq: 14 Jun 2025 03:00

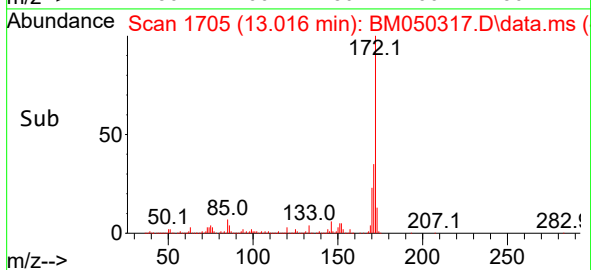
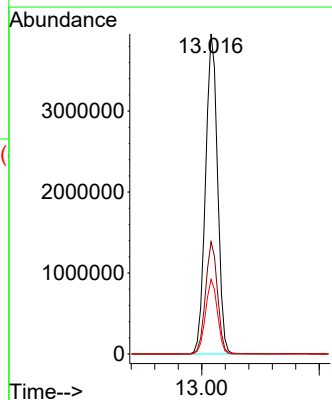
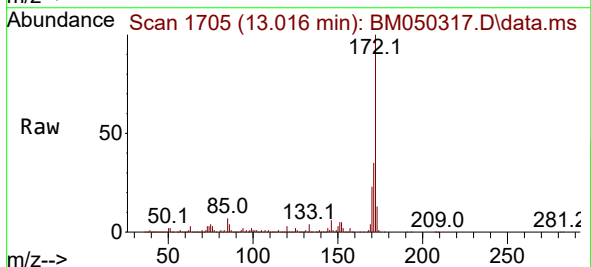
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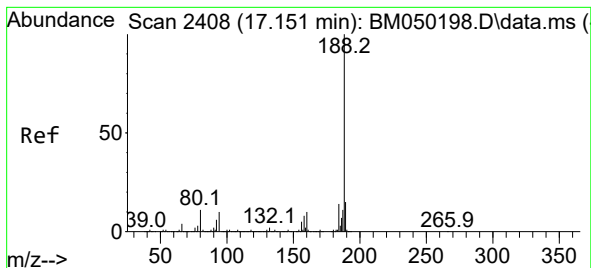
Tgt Ion:330 Resp: 1383440  
Ion Ratio Lower Upper  
330 100  
332 95.1 77.5 116.3  
141 34.6 28.8 43.2



#45  
2-Fluorobiphenyl  
Concen: 88.550 ng  
RT: 13.016 min Scan# 1705  
Delta R.T. -0.012 min  
Lab File: BM050317.D  
Acq: 14 Jun 2025 03:00

Tgt Ion:172 Resp: 5595242  
Ion Ratio Lower Upper  
172 100  
171 35.0 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: BM050317.D

Acq: 14 Jun 2025 03:00

Instrument :

BNA\_M

ClientSampleId :

PB168428TB

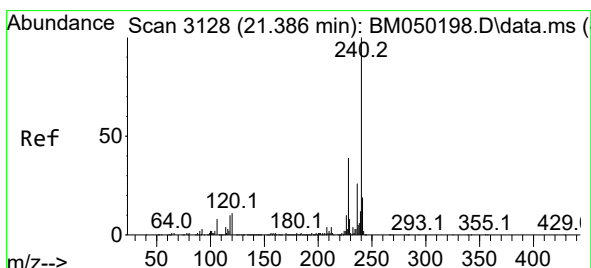
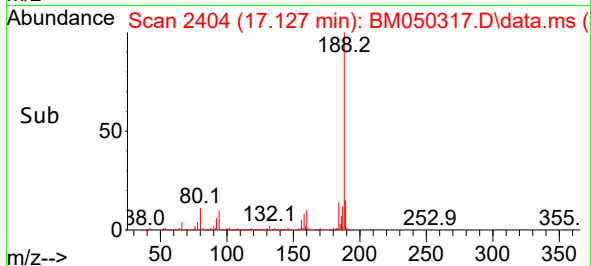
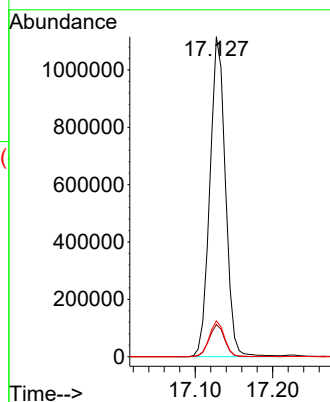
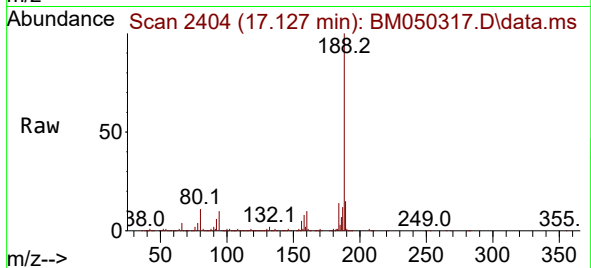
Tgt Ion:188 Resp: 1557192

Ion Ratio Lower Upper

188 100

94 10.0 8.1 12.1

80 11.1 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.356 min Scan# 3123

Delta R.T. -0.017 min

Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

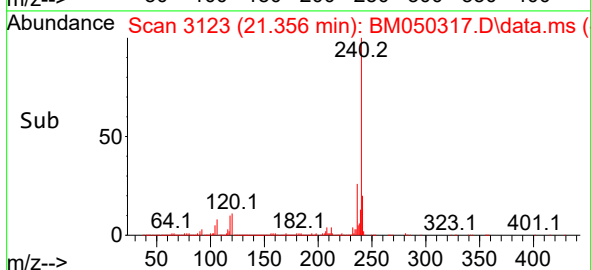
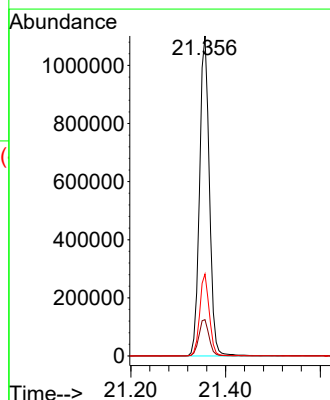
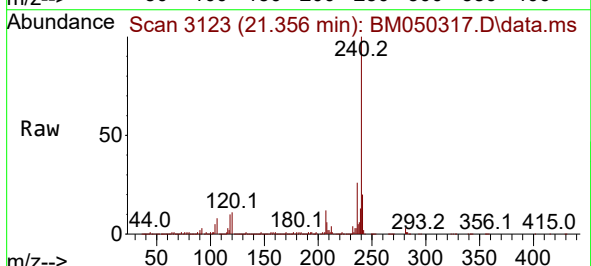
Tgt Ion:240 Resp: 1581816

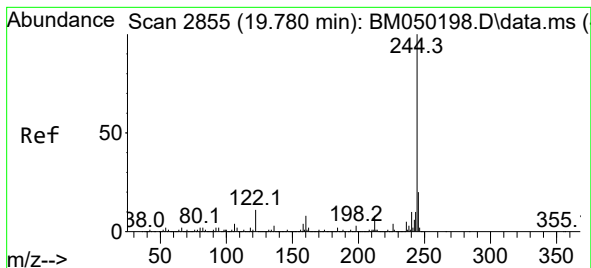
Ion Ratio Lower Upper

240 100

120 11.4 9.0 13.4

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 87.380 ng

RT: 19.757 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

Instrument :

BNA\_M

ClientSampleId :

PB168428TB

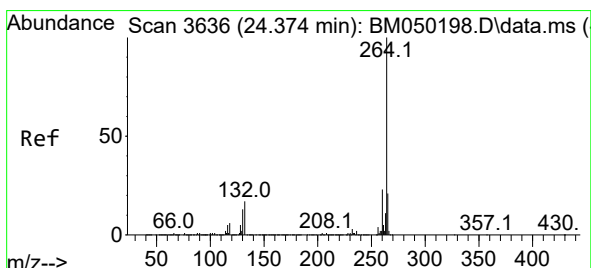
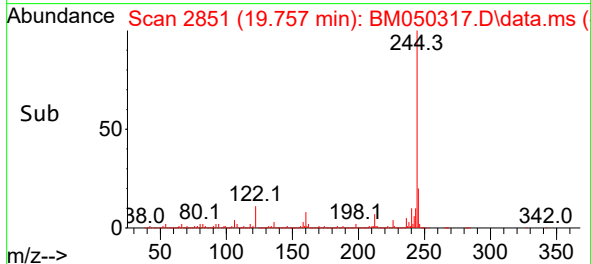
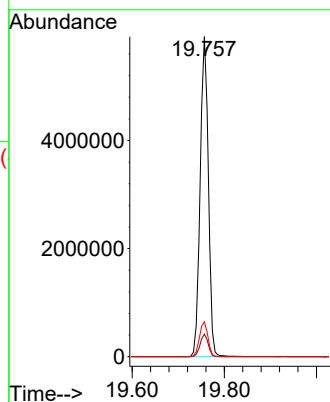
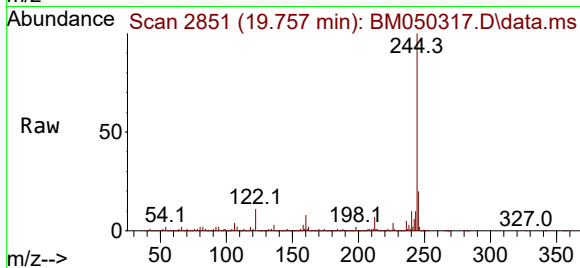
Tgt Ion:244 Resp: 7293777

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.9 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.321 min Scan# 3627

Delta R.T. -0.023 min

Lab File: BM050317.D

Acq: 14 Jun 2025 03:00

Tgt Ion:264 Resp: 1677028

Ion Ratio Lower Upper

264 100

260 23.0 18.6 28.0

265 22.4 16.8 25.2

