

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040225\  
 Data File : BM049789.D  
 Acq On : 02 Apr 2025 14:07  
 Operator : RC/JU  
 Sample : Q1680-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-4

Quant Time: Apr 02 14:45:07 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 13 14:55:34 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.787  | 152  | 283645   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.580 | 136  | 957401   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.427 | 164  | 601649   | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.168 | 188  | 1212495  | 20.000  | ng    | -0.02    |
| 76) Chrysene-d12            | 21.403 | 240  | 1401093  | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 24.397 | 264  | 1440719  | 20.000  | ng    | -0.04    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.369  | 112  | 1725938  | 102.671 | ng    | -0.02    |
| 7) Phenol-d6                | 6.957  | 99   | 2157044  | 102.248 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.939  | 82   | 1282496  | 68.775  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.915 | 330  | 855826   | 121.818 | ng    | -0.02    |
| 45) 2-Fluorobiphenyl        | 13.051 | 172  | 3108434  | 64.704  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.792 | 244  | 5297131  | 63.710  | ng    | -0.02    |

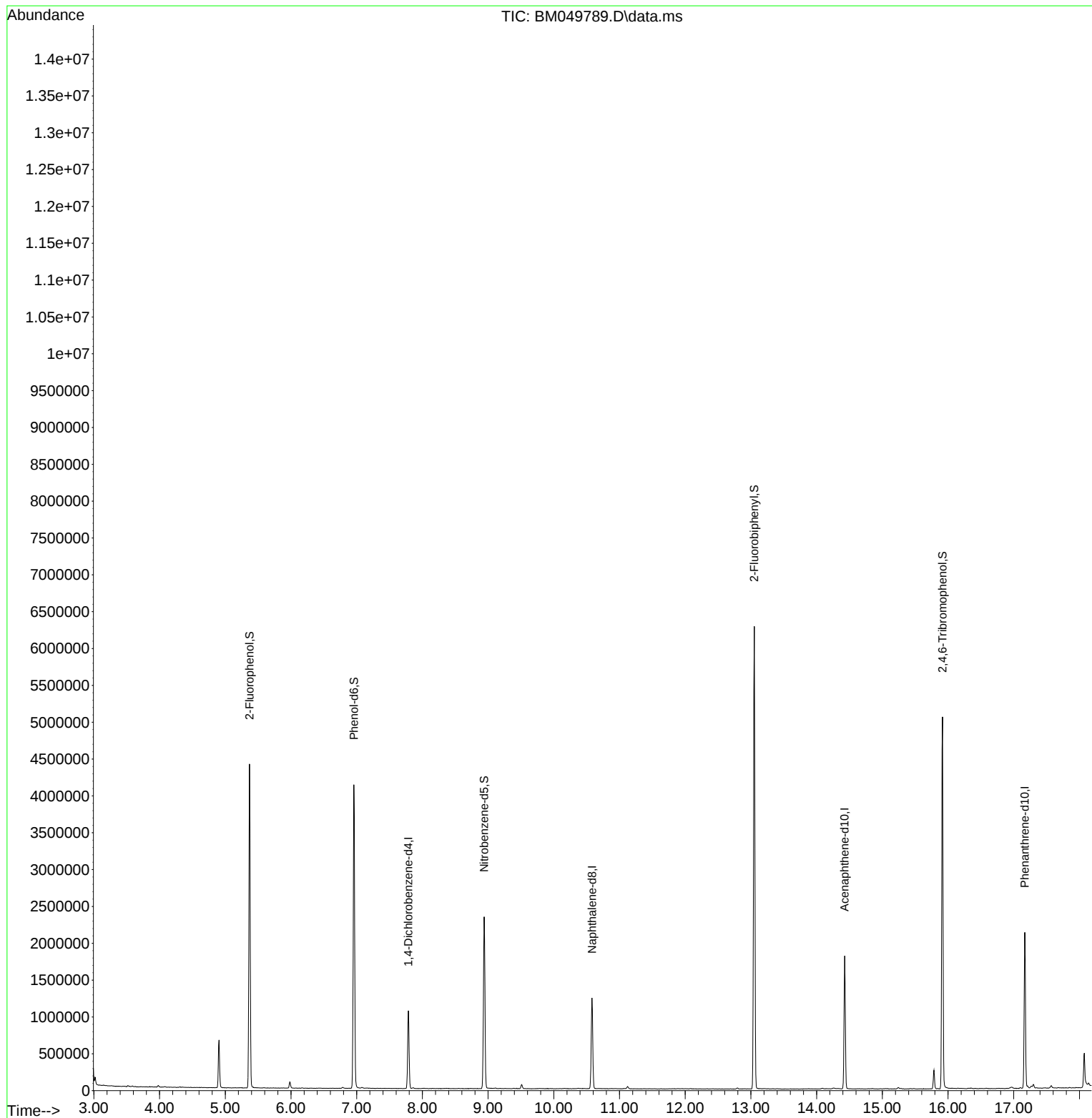
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

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

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Operator : RC/JU  
Sample : Q1680-01  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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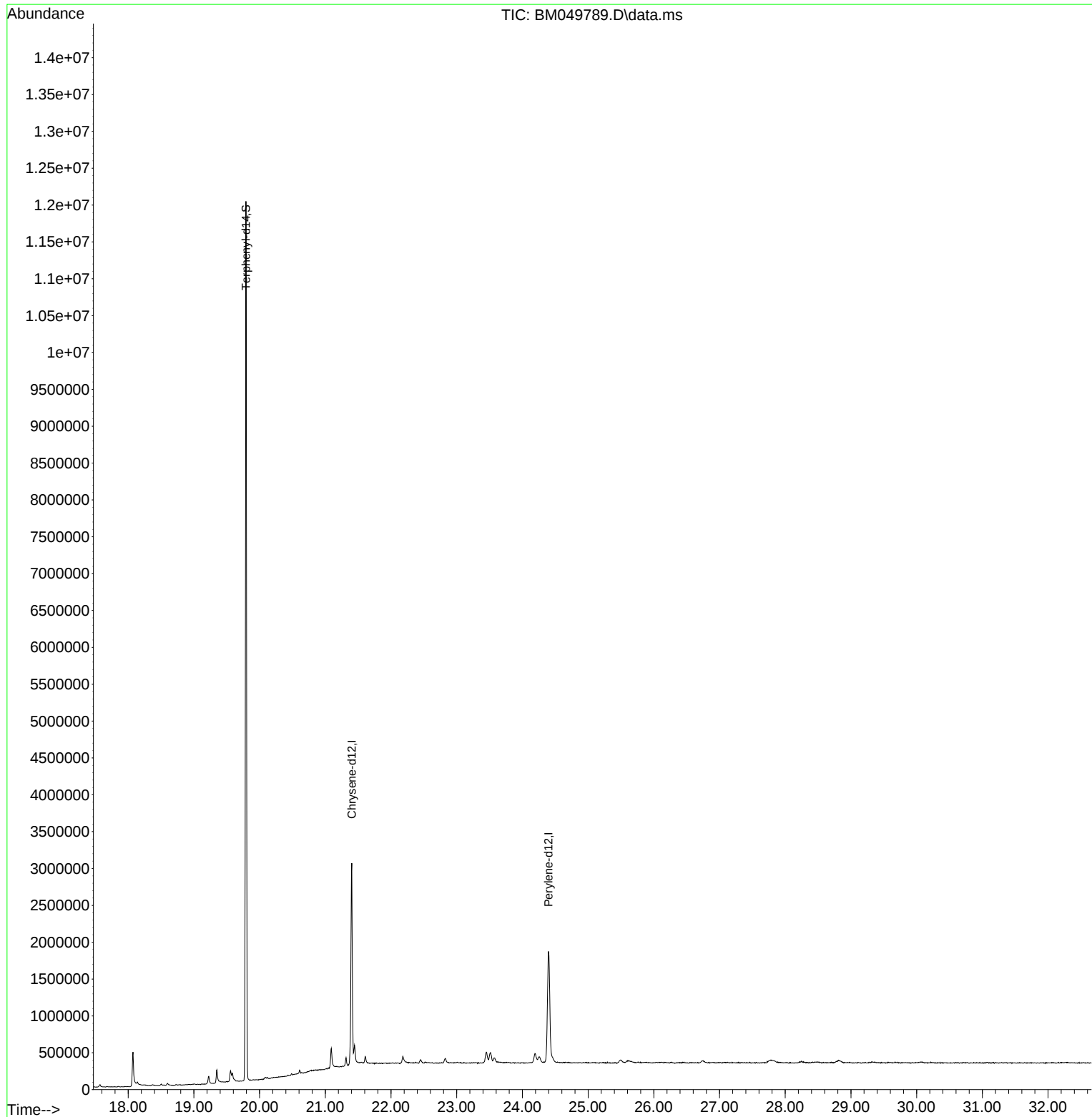
Quant Time: Apr 02 14:45:07 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM031325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 13 14:55:34 2025  
Response via : Initial Calibration

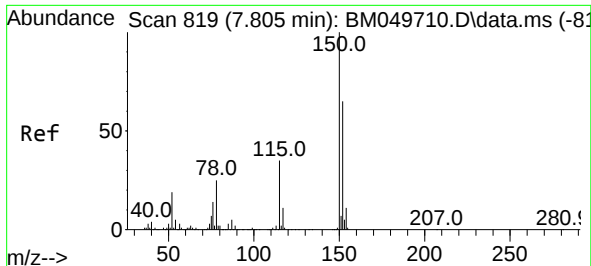


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM040225\  
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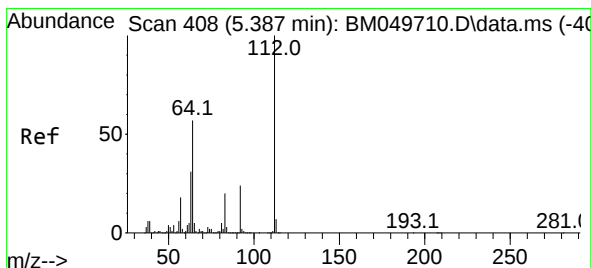
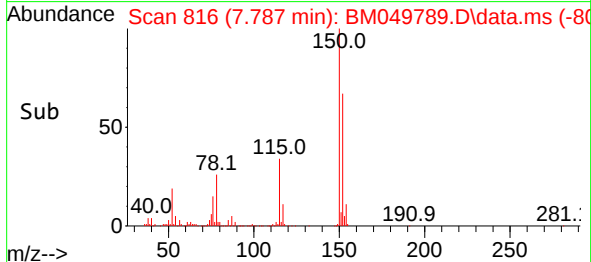
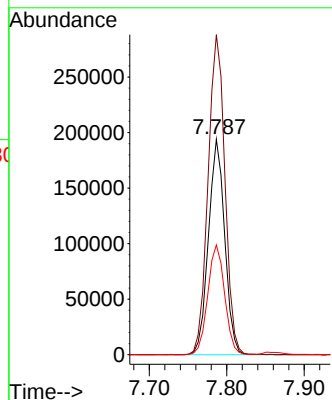
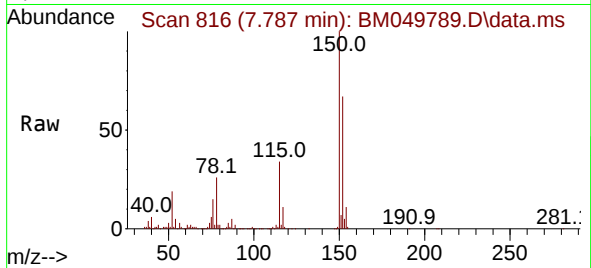




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.787 min Scan# 819  
Delta R.T. -0.018 min  
Lab File: BM049789.D  
Acq: 02 Apr 2025 14:07

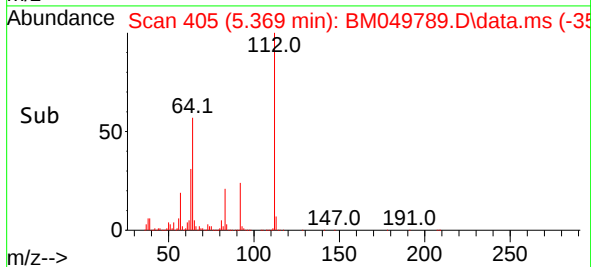
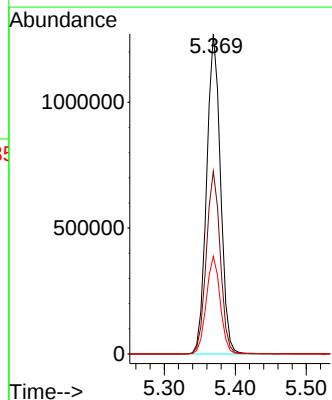
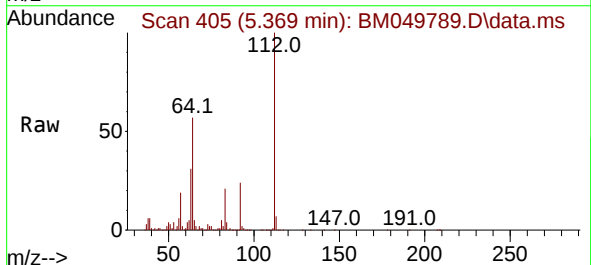
Instrument :  
BNA\_M  
ClientSampleId :  
TP-4

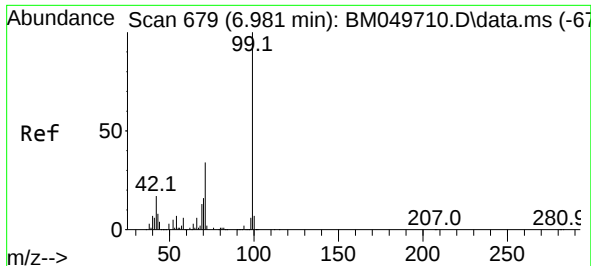
Tgt Ion:152 Resp: 283645  
Ion Ratio Lower Upper  
152 100  
150 148.6 123.8 185.8  
115 51.0 43.0 64.6



#5  
2-Fluorophenol  
Concen: 102.671 ng  
RT: 5.369 min Scan# 405  
Delta R.T. -0.018 min  
Lab File: BM049789.D  
Acq: 02 Apr 2025 14:07

Tgt Ion:112 Resp: 1725938  
Ion Ratio Lower Upper  
112 100  
64 57.1 45.3 67.9  
63 30.5 24.4 36.6



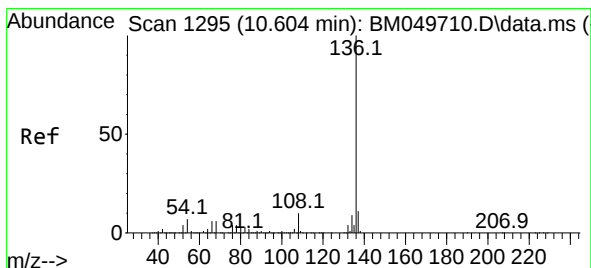
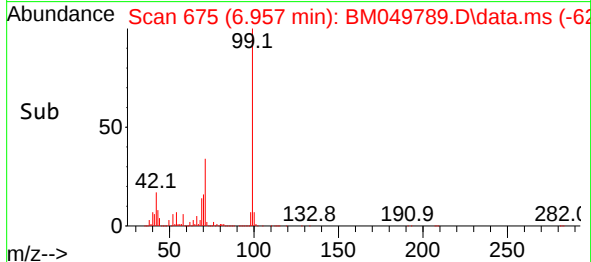
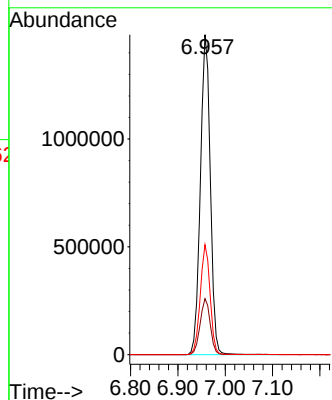
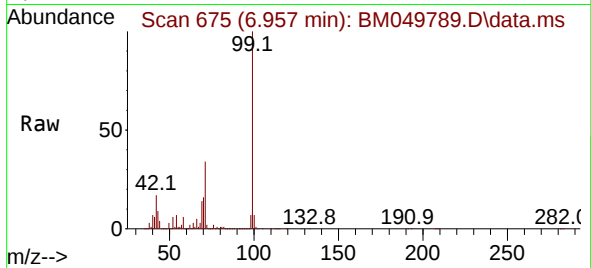


#7  
Phenol-d6  
Concen: 102.248 ng  
RT: 6.957 min Scan# 61  
Delta R.T. -0.024 min  
Lab File: BM049789.D  
Acq: 02 Apr 2025 14:07

Instrument :  
BNA\_M  
ClientSampleId :  
TP-4

Tgt Ion: 99 Resp: 2157044

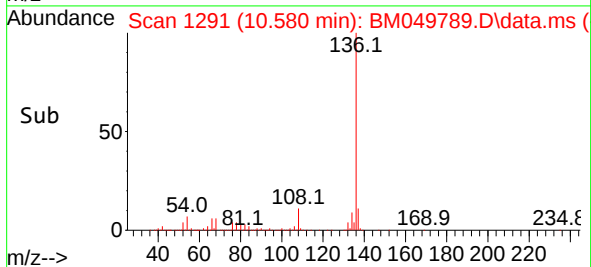
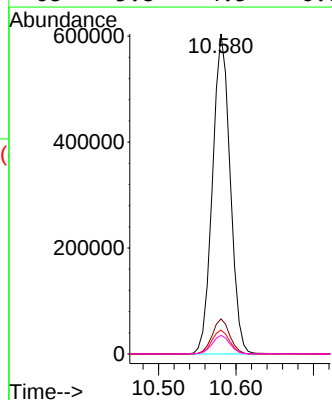
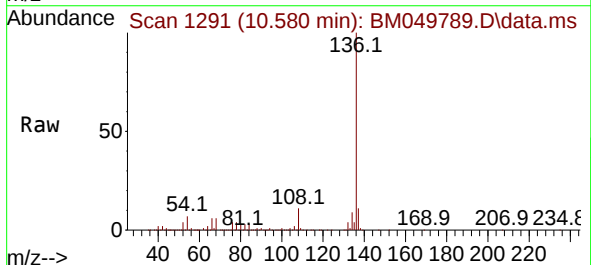
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 17.5  | 13.6  | 20.4  |
| 71  | 34.4  | 27.0  | 40.6  |

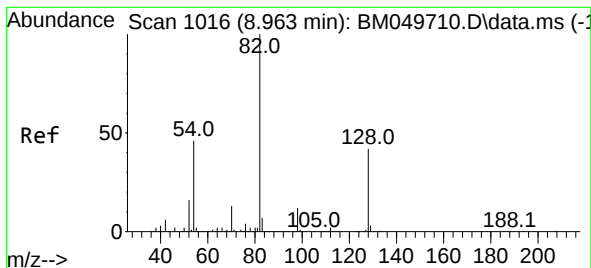


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.580 min Scan# 1291  
Delta R.T. -0.024 min  
Lab File: BM049789.D  
Acq: 02 Apr 2025 14:07

Tgt Ion: 136 Resp: 957401

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.0  | 8.6   | 12.8  |
| 54  | 7.5   | 5.8   | 8.8   |
| 68  | 5.8   | 4.5   | 6.7   |





#23

Nitrobenzene-d5

Concen: 68.775 ng

RT: 8.939 min Scan# 1012

Delta R.T. -0.024 min

Lab File: BM049789.D

Acq: 02 Apr 2025 14:07

Instrument :

BNA\_M

ClientSampleId :

TP-4

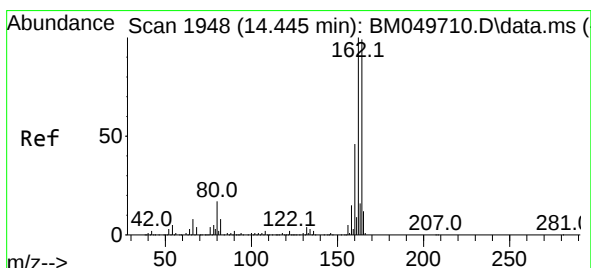
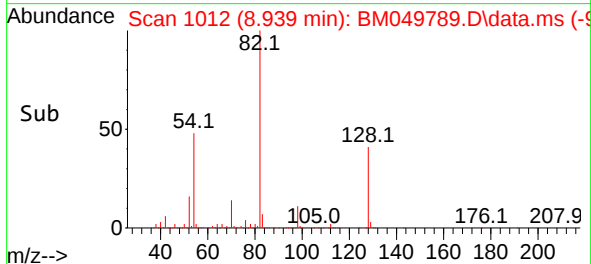
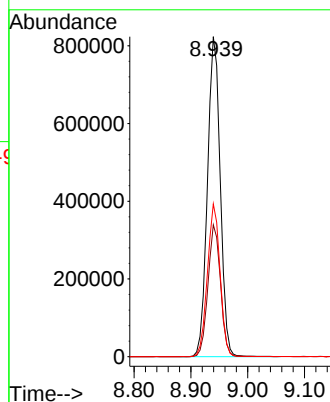
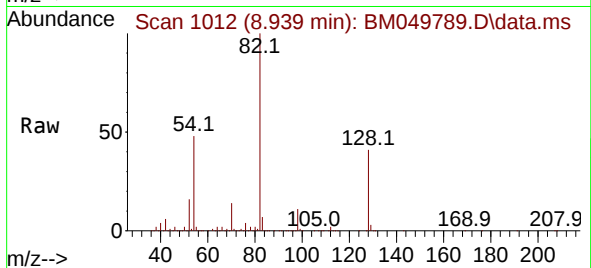
Tgt Ion: 82 Resp: 1282496

Ion Ratio Lower Upper

82 100

128 41.2 33.4 50.0

54 47.8 36.4 54.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.427 min Scan# 1945

Delta R.T. -0.018 min

Lab File: BM049789.D

Acq: 02 Apr 2025 14:07

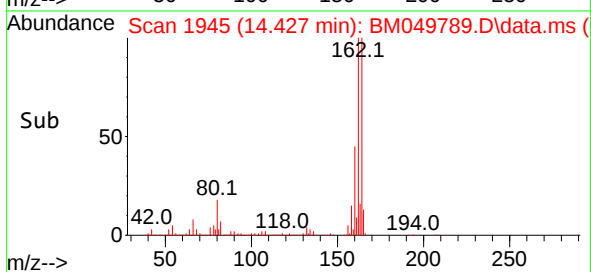
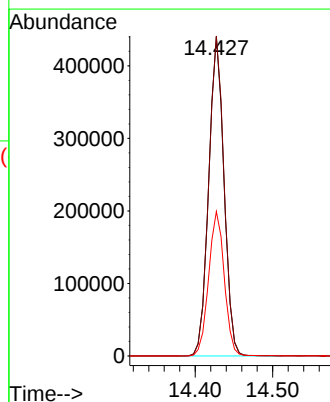
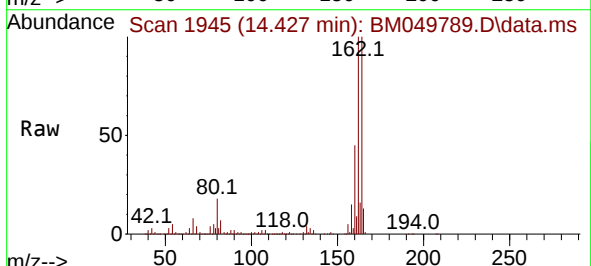
Tgt Ion:164 Resp: 601649

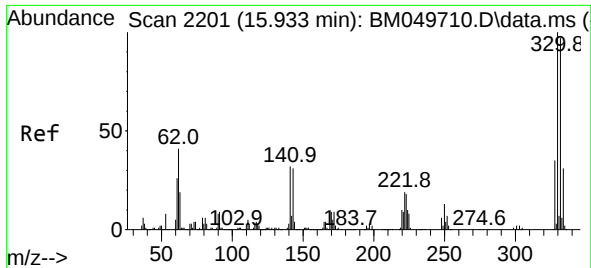
Ion Ratio Lower Upper

164 100

162 100.3 80.5 120.7

160 45.3 36.9 55.3

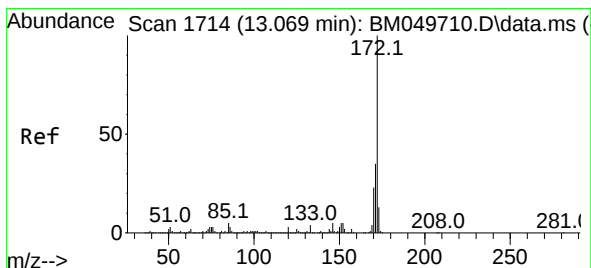
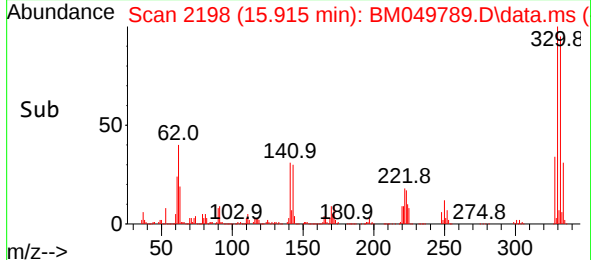
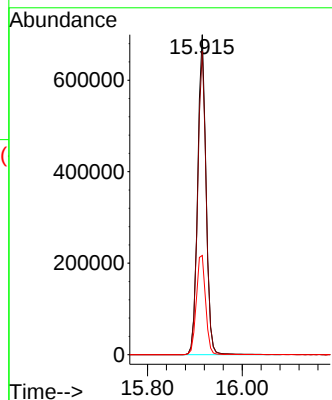
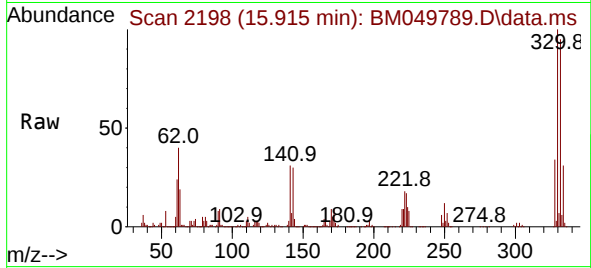




#42  
2,4,6-Tribromophenol  
Concen: 121.818 ng  
RT: 15.915 min Scan# 21  
Delta R.T. -0.018 min  
Lab File: BM049789.D  
Acq: 02 Apr 2025 14:07

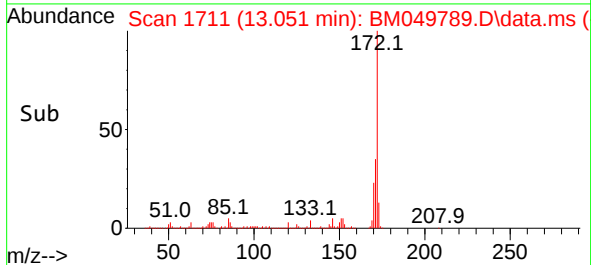
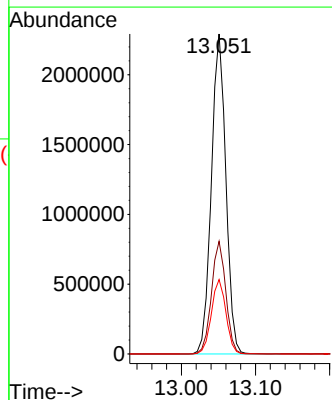
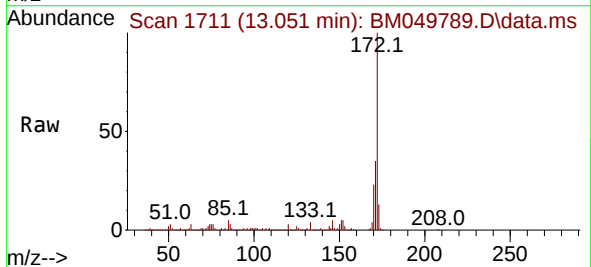
Instrument :  
BNA\_M  
ClientSampleId :  
TP-4

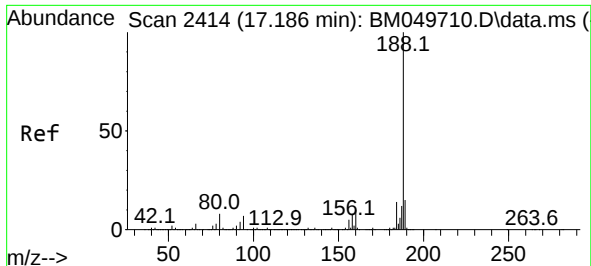
Tgt Ion:330 Resp: 855826  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.0 115.4  
141 34.4 27.8 41.6



#45  
2-Fluorobiphenyl  
Concen: 64.704 ng  
RT: 13.051 min Scan# 1711  
Delta R.T. -0.018 min  
Lab File: BM049789.D  
Acq: 02 Apr 2025 14:07

Tgt Ion:172 Resp: 3108434  
Ion Ratio Lower Upper  
172 100  
171 35.2 27.9 41.9  
170 23.3 18.6 28.0

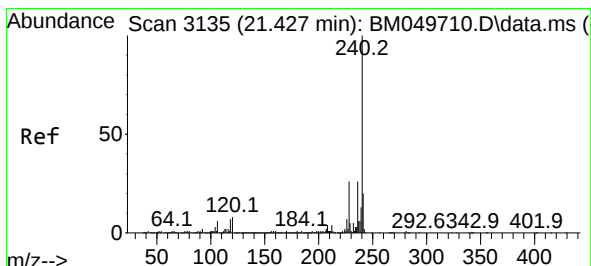
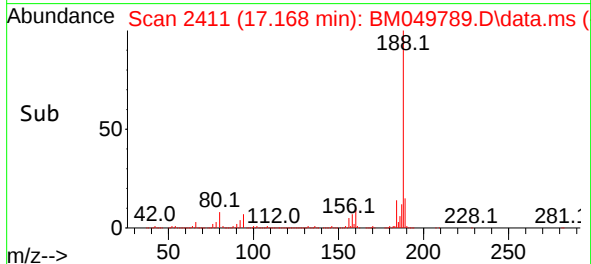
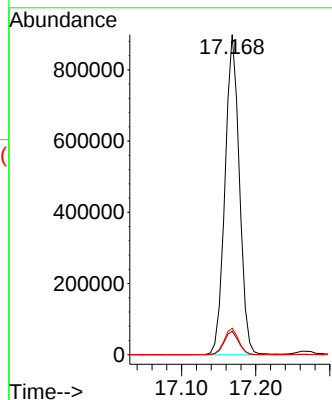
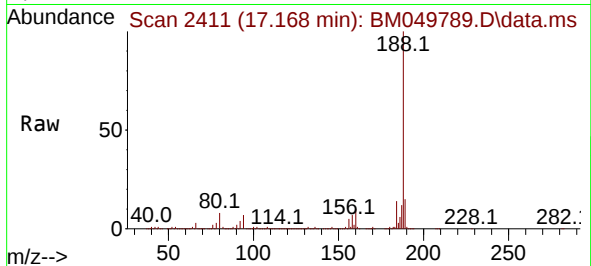




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.168 min Scan# 2414  
Delta R.T. -0.018 min  
Lab File: BM049789.D  
Acq: 02 Apr 2025 14:07

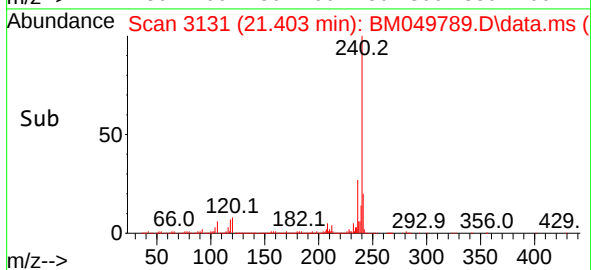
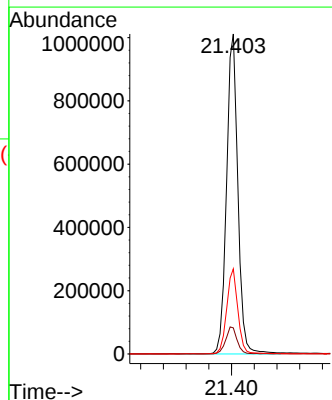
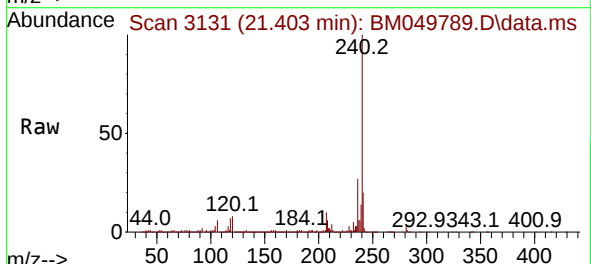
Instrument :  
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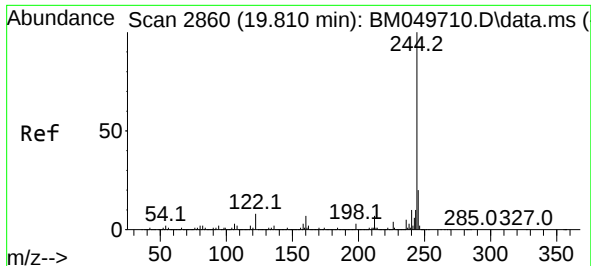
Tgt Ion:188 Resp: 1212495  
Ion Ratio Lower Upper  
188 100  
94 7.4 5.8 8.6  
80 8.2 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.403 min Scan# 3131  
Delta R.T. -0.024 min  
Lab File: BM049789.D  
Acq: 02 Apr 2025 14:07

Tgt Ion:240 Resp: 1401093  
Ion Ratio Lower Upper  
240 100  
120 8.2 6.5 9.7  
236 26.6 20.7 31.1

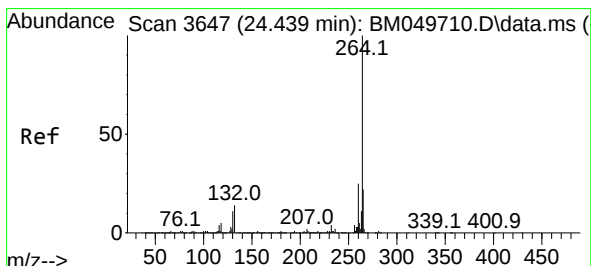
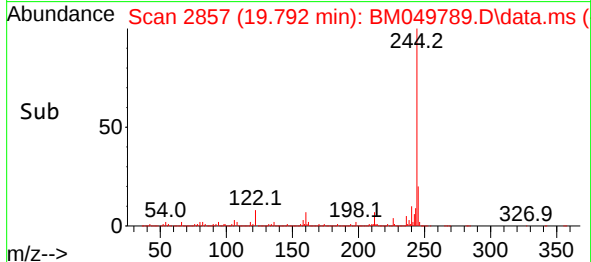
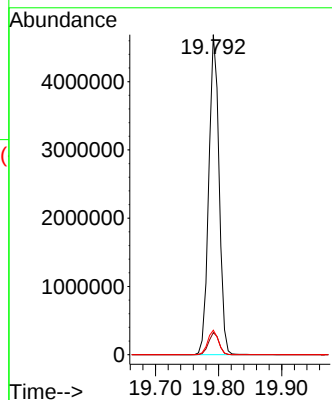
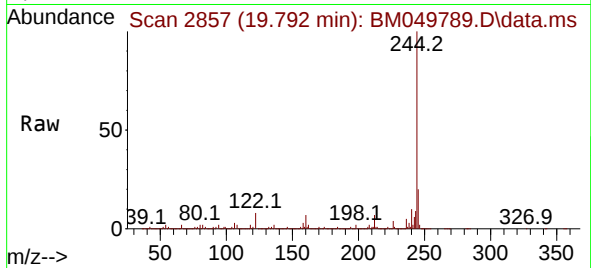




#79  
 Terphenyl-d14  
 Concen: 63.710 ng  
 RT: 19.792 min Scan# 2857  
 Delta R.T. -0.018 min  
 Lab File: BM049789.D  
 Acq: 02 Apr 2025 14:07

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Tgt Ion:244 Resp: 5297131  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.8 8.6  
 122 7.6 6.0 9.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.397 min Scan# 3640  
 Delta R.T. -0.042 min  
 Lab File: BM049789.D  
 Acq: 02 Apr 2025 14:07

Tgt Ion:264 Resp: 1440719  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.6 29.4  
 265 21.5 18.2 27.2

