

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050525\  
 Data File : BM050097.D  
 Acq On : 05 May 2025 12:57  
 Operator : RC/JU  
 Sample : PB167815TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB167815TB

Quant Time: May 05 13:47:47 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 28 18:09:16 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.745  | 152  | 249102   | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.545 | 136  | 868897   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.398 | 164  | 612335   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.145 | 188  | 1239625  | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.386 | 240  | 1109017  | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 24.385 | 264  | 1185656  | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 1951278  | 137.166 | ng    | -0.02    |
| 7) Phenol-d6                | 6.934  | 99   | 2392669  | 133.819 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 1436336  | 81.457  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 1336109  | 147.568 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 4054520  | 78.330  | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.768 | 244  | 7117518  | 94.968  | ng    | -0.01    |

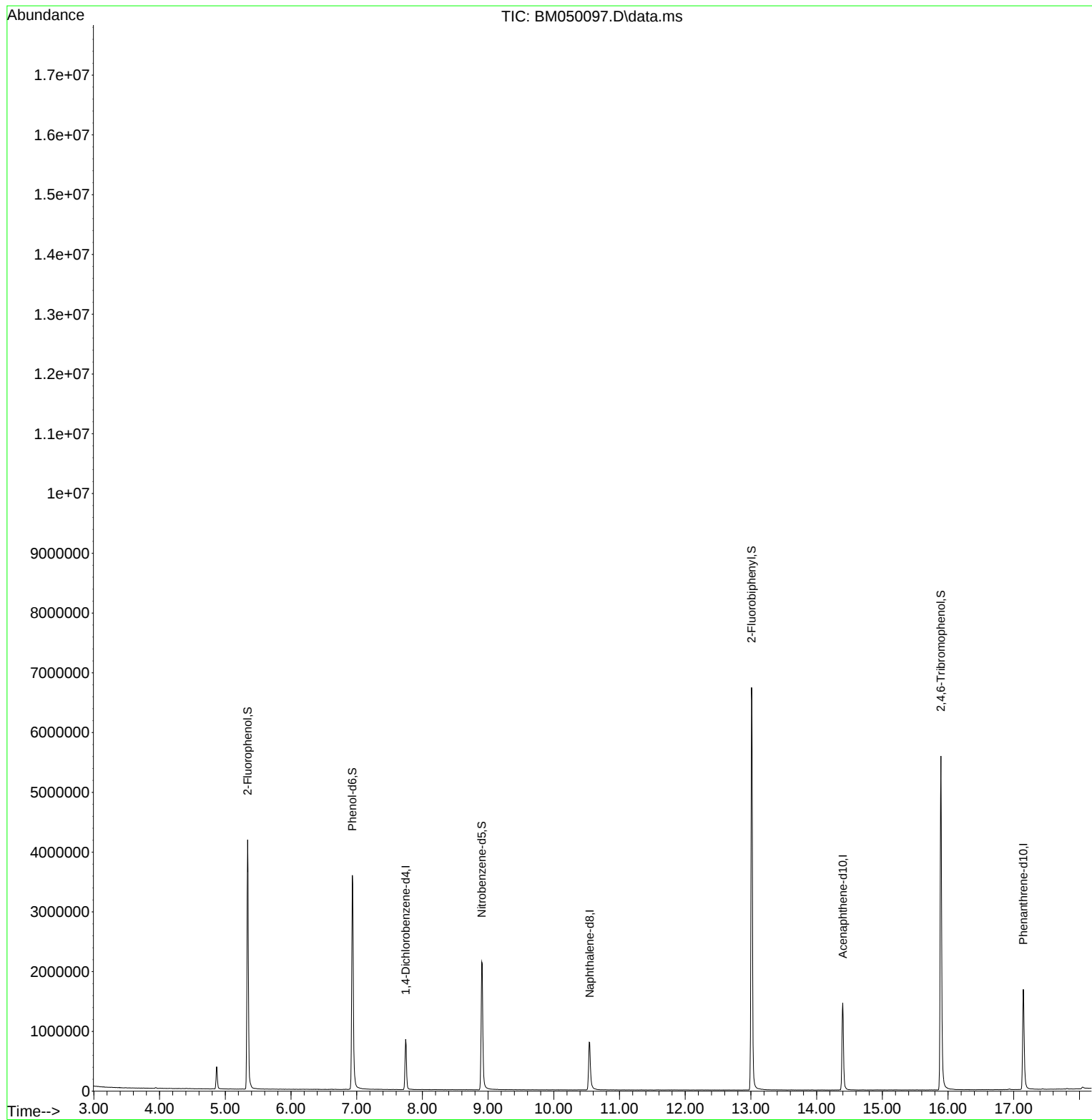
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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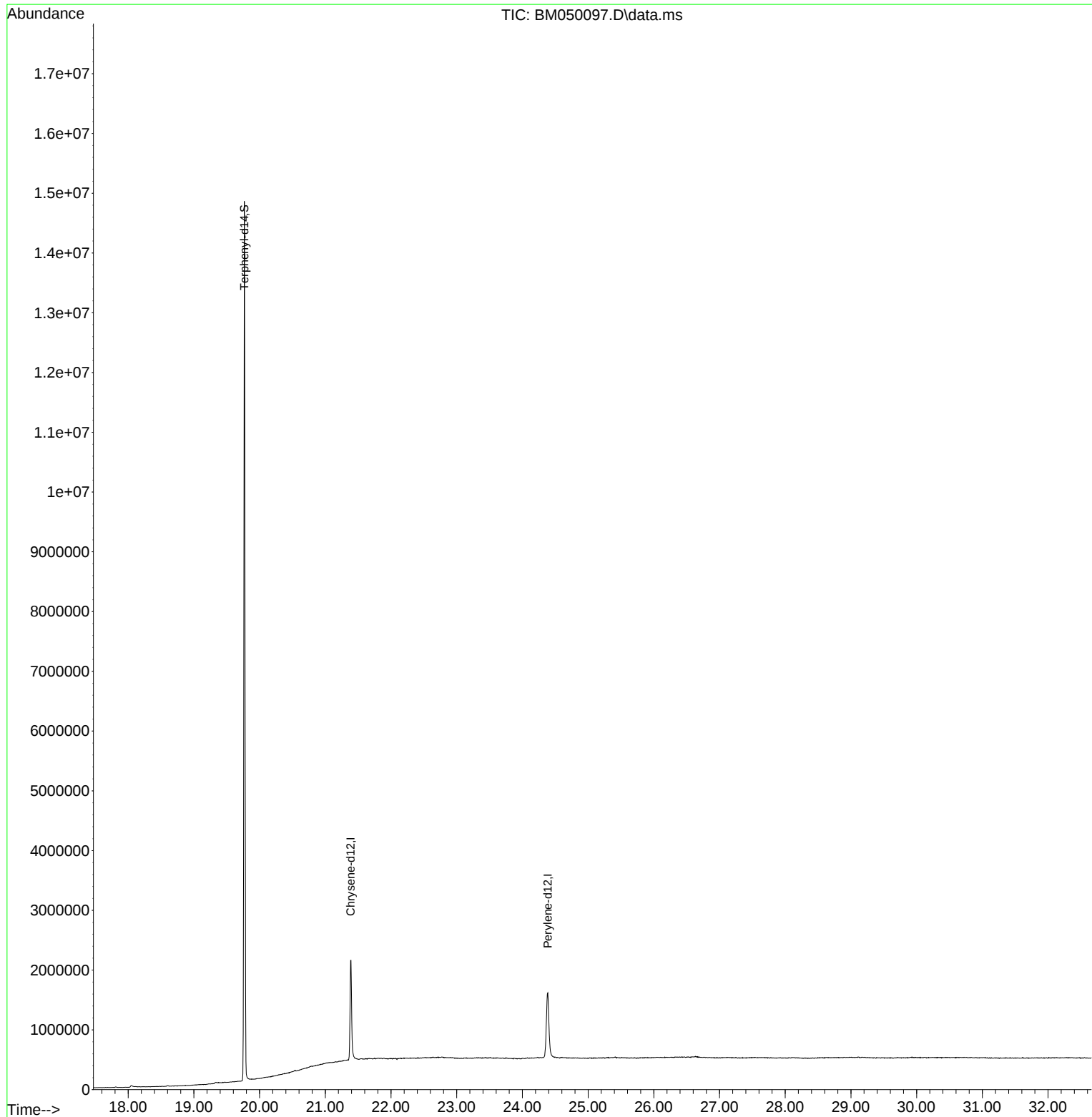
Quant Time: May 05 13:47:47 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 28 18:09:16 2025  
Response via : Initial Calibration

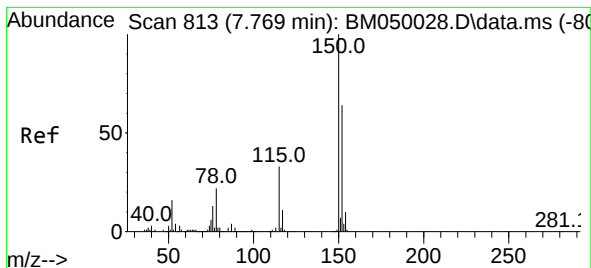


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050525\  
Data File : BM050097.D  
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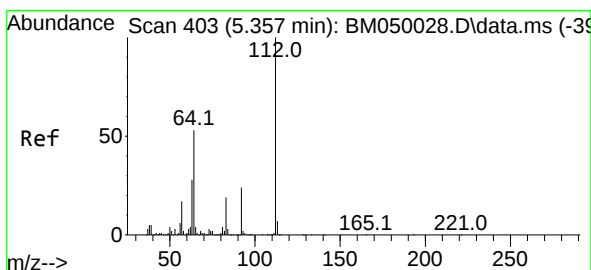
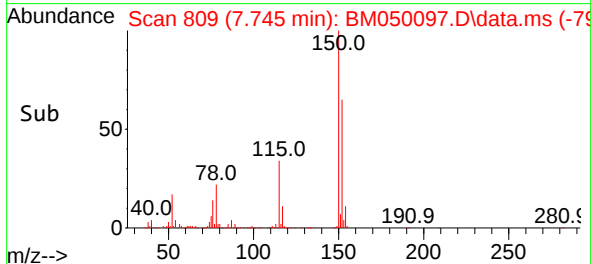
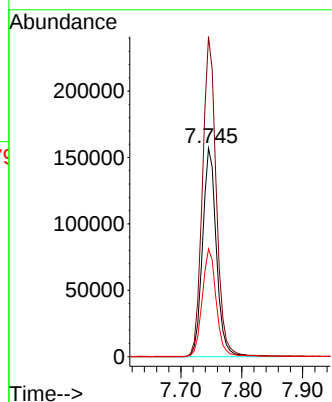
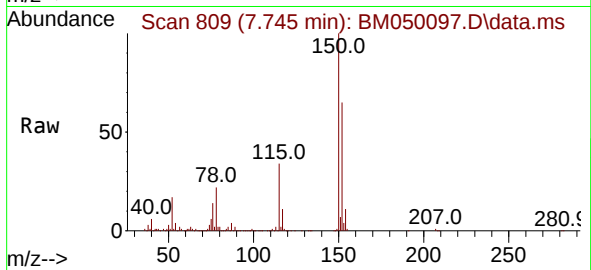




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.745 min Scan# 80  
Delta R.T. -0.024 min  
Lab File: BM050097.D  
Acq: 05 May 2025 12:57

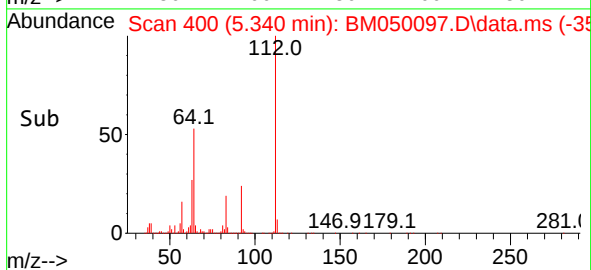
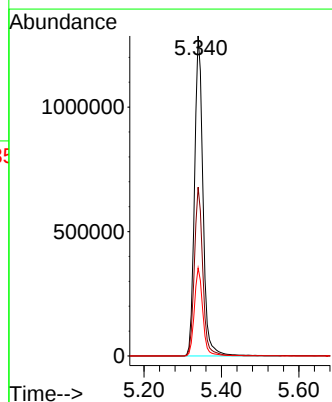
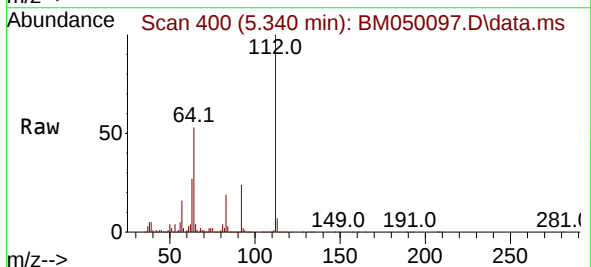
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ClientSampleId :  
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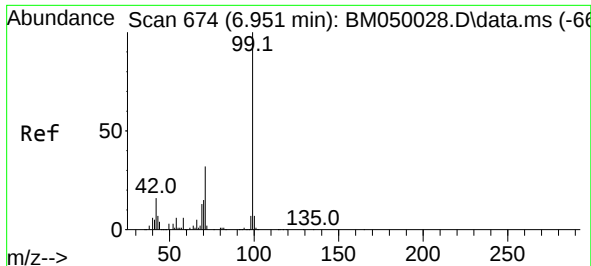
Tgt Ion:152 Resp: 249102  
Ion Ratio Lower Upper  
152 100  
150 153.5 124.1 186.1  
115 51.7 41.2 61.8



#5  
2-Fluorophenol  
Concen: 137.166 ng  
RT: 5.340 min Scan# 400  
Delta R.T. -0.018 min  
Lab File: BM050097.D  
Acq: 05 May 2025 12:57

Tgt Ion:112 Resp: 1951278  
Ion Ratio Lower Upper  
112 100  
64 52.7 42.6 64.0  
63 27.5 22.2 33.4

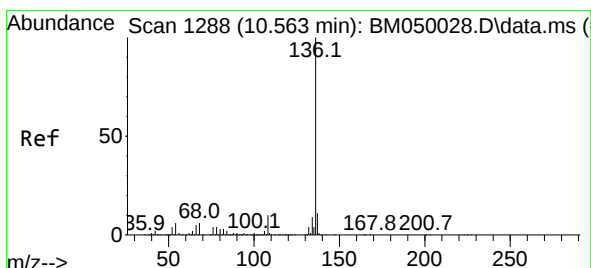
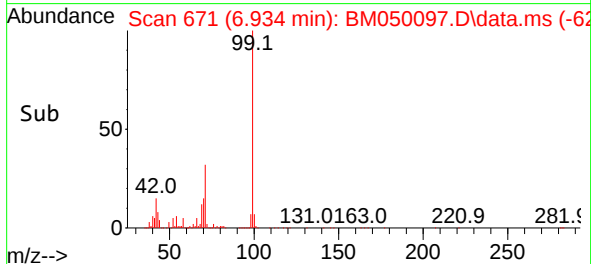
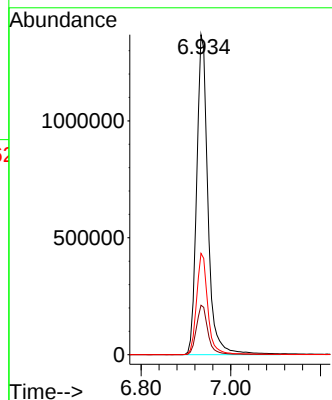
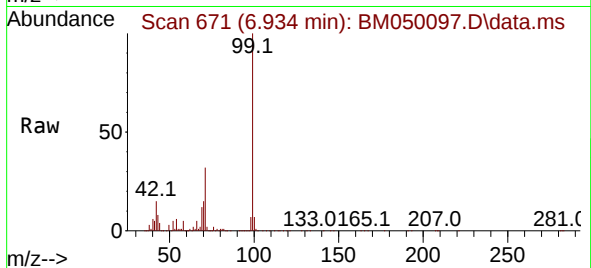




#7  
Phenol-d6  
Concen: 133.819 ng  
RT: 6.934 min Scan# 61  
Delta R.T. -0.018 min  
Lab File: BM050097.D  
Acq: 05 May 2025 12:57

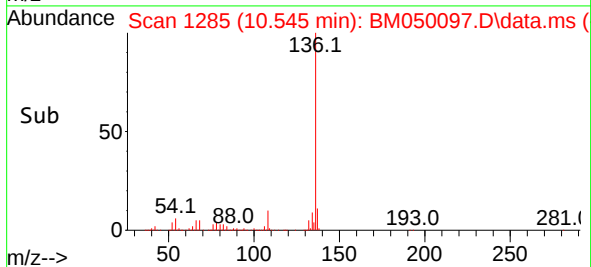
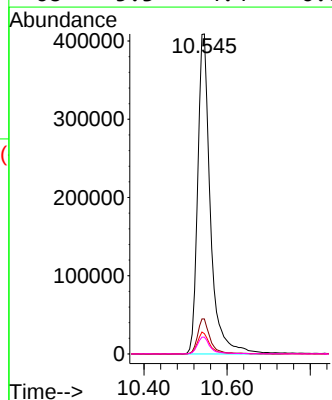
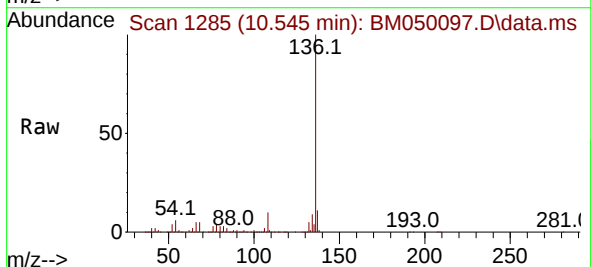
Instrument :  
BNA\_M  
ClientSampleId :  
PB167815TB

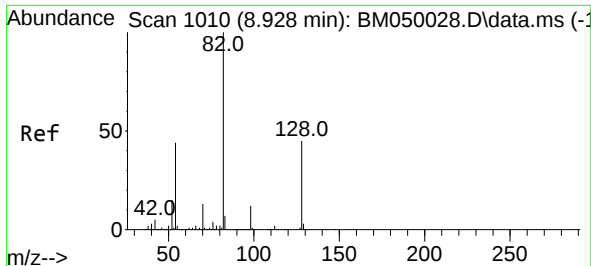
Tgt Ion: 99 Resp: 2392669  
Ion Ratio Lower Upper  
99 100  
42 15.5 13.0 19.4  
71 31.7 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.545 min Scan# 1285  
Delta R.T. -0.018 min  
Lab File: BM050097.D  
Acq: 05 May 2025 12:57

Tgt Ion: 136 Resp: 868897  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.9 13.3  
54 6.4 5.1 7.7  
68 5.3 4.4 6.6

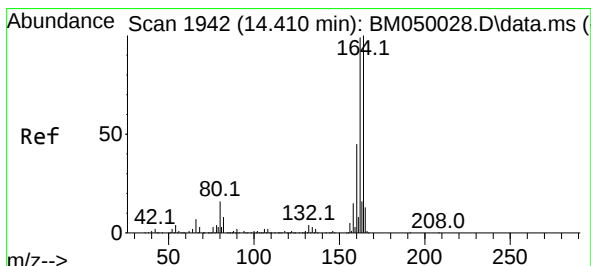
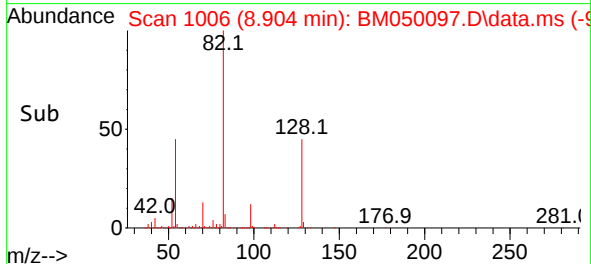
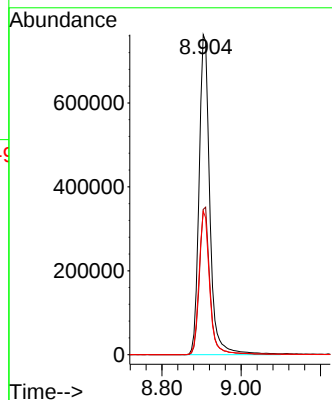
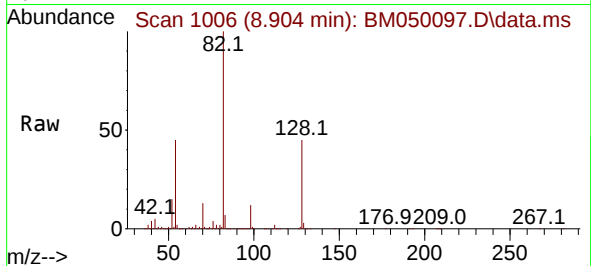




#23  
Nitrobenzene-d5  
Concen: 81.457 ng  
RT: 8.904 min Scan# 1010  
Delta R.T. -0.024 min  
Lab File: BM050097.D  
Acq: 05 May 2025 12:57

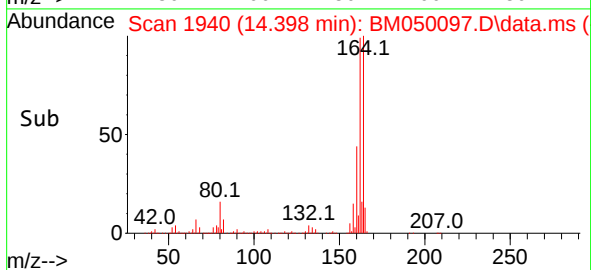
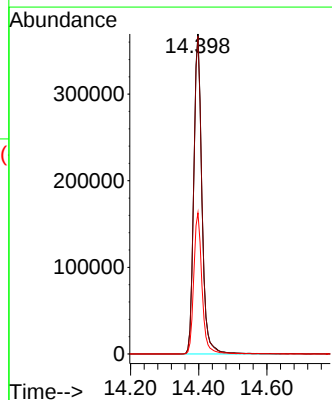
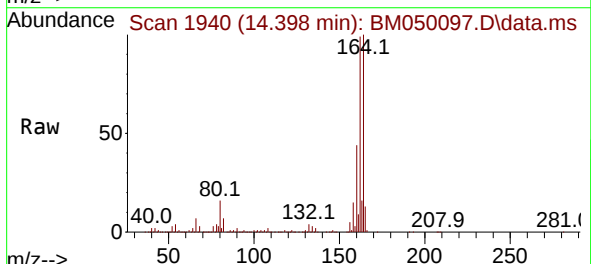
Instrument :  
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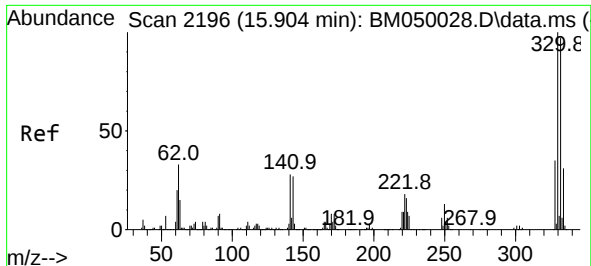
Tgt Ion: 82 Resp: 1436336  
Ion Ratio Lower Upper  
82 100  
128 45.4 35.7 53.5  
54 44.8 35.4 53.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.398 min Scan# 1940  
Delta R.T. -0.012 min  
Lab File: BM050097.D  
Acq: 05 May 2025 12:57

Tgt Ion: 164 Resp: 612335  
Ion Ratio Lower Upper  
164 100  
162 99.3 79.4 119.0  
160 44.1 36.2 54.4

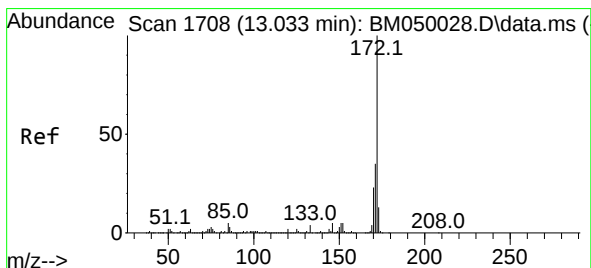
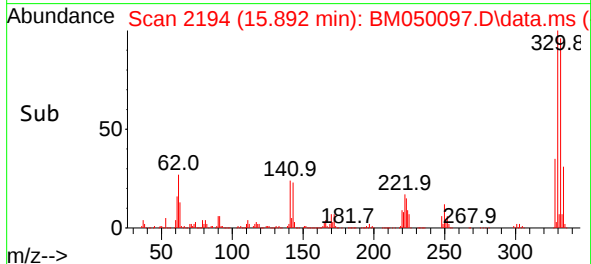
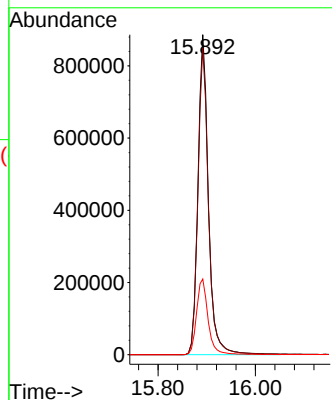
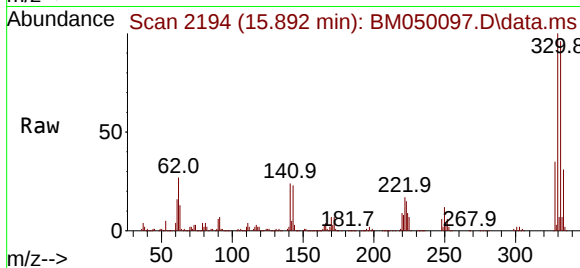




#42  
2,4,6-Tribromophenol  
Concen: 147.568 ng  
RT: 15.892 min Scan# 2196  
Delta R.T. -0.012 min  
Lab File: BM050097.D  
Acq: 05 May 2025 12:57

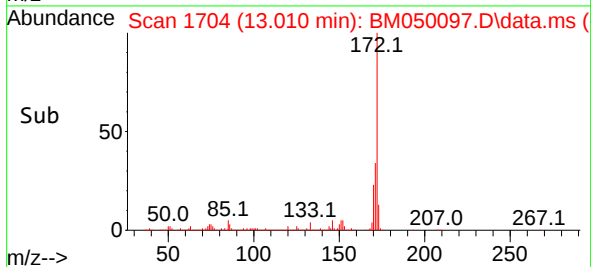
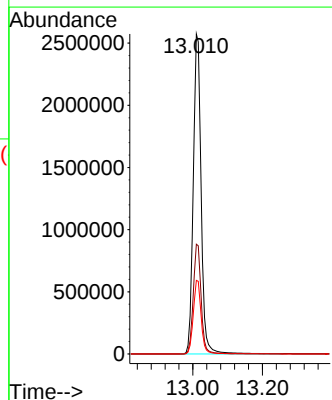
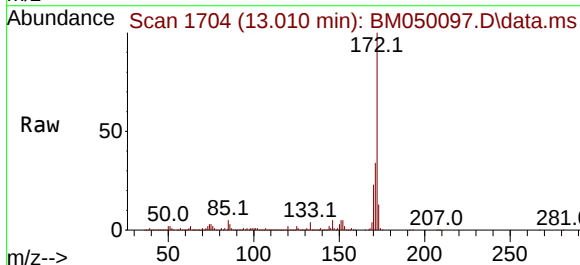
Instrument :  
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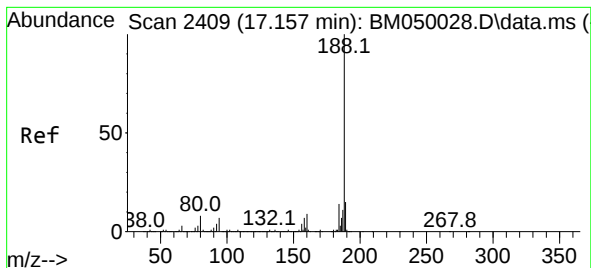
Tgt Ion:330 Resp: 1336109  
Ion Ratio Lower Upper  
330 100  
332 96.7 77.3 115.9  
141 25.8 22.5 33.7



#45  
2-Fluorobiphenyl  
Concen: 78.330 ng  
RT: 13.010 min Scan# 1704  
Delta R.T. -0.024 min  
Lab File: BM050097.D  
Acq: 05 May 2025 12:57

Tgt Ion:172 Resp: 4054520  
Ion Ratio Lower Upper  
172 100  
171 34.3 27.8 41.6  
170 23.0 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.145 min Scan# 24

Delta R.T. -0.012 min

Lab File: BM050097.D

Acq: 05 May 2025 12:57

Instrument :

BNA\_M

ClientSampleId :

PB167815TB

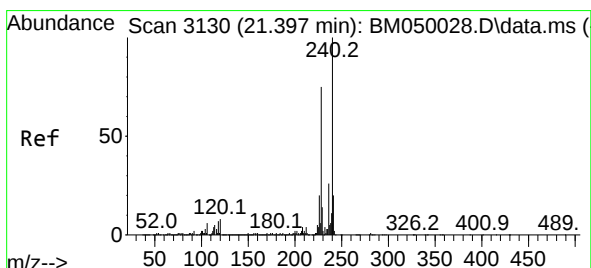
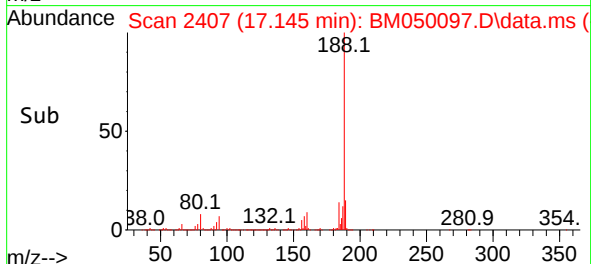
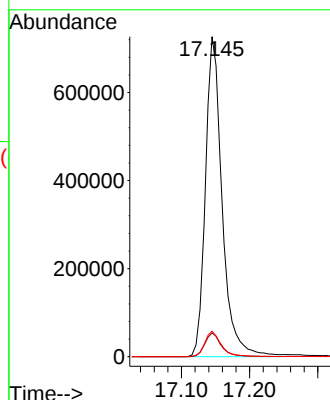
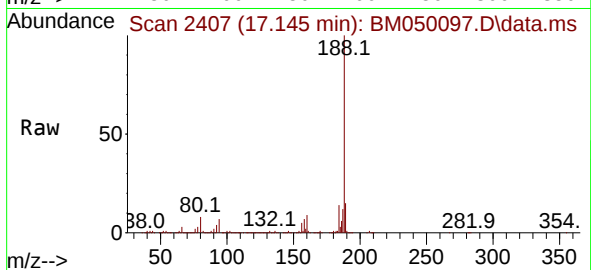
Tgt Ion:188 Resp: 1239625

Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 7.9 6.2 9.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.386 min Scan# 3128

Delta R.T. -0.011 min

Lab File: BM050097.D

Acq: 05 May 2025 12:57

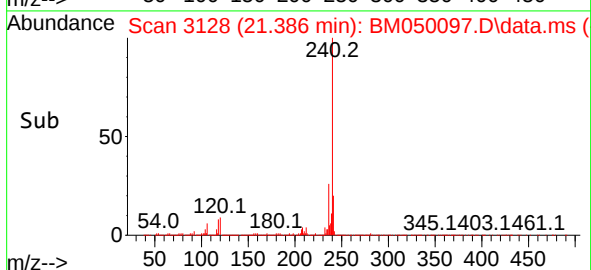
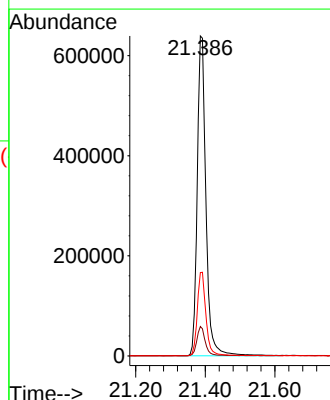
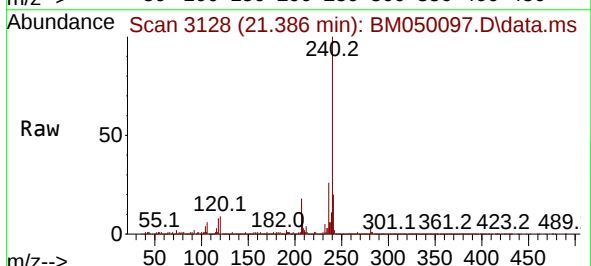
Tgt Ion:240 Resp: 1109017

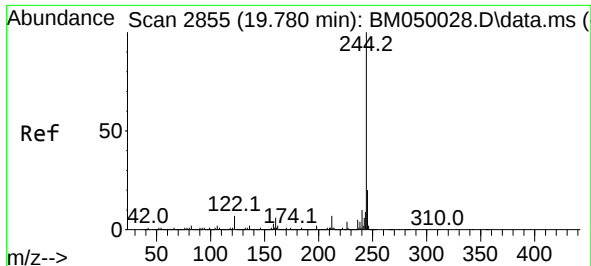
Ion Ratio Lower Upper

240 100

120 9.2 6.5 9.7

236 26.0 20.9 31.3

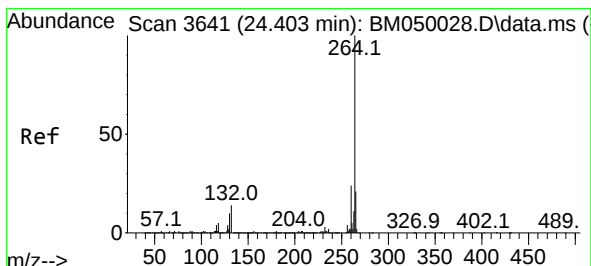
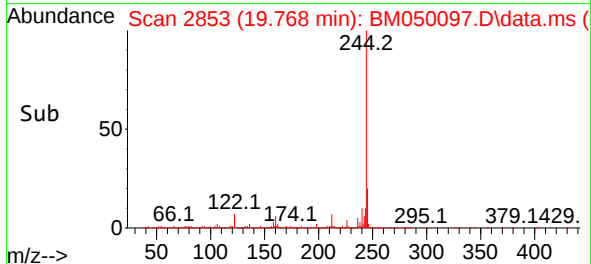
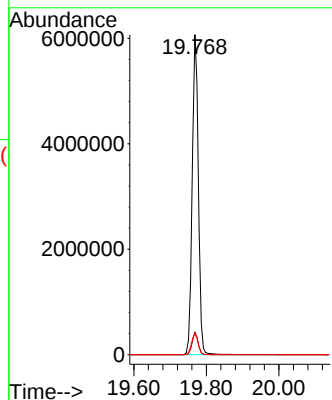
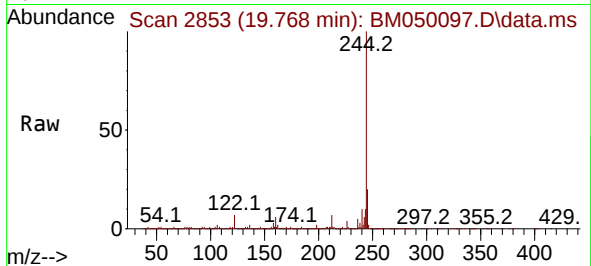




#79  
 Terphenyl-d14  
 Concen: 94.968 ng  
 RT: 19.768 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BM050097.D  
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Tgt Ion:244 Resp: 7117518  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.6 8.4  
 122 6.7 5.6 8.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.385 min Scan# 3638  
 Delta R.T. -0.018 min  
 Lab File: BM050097.D  
 Acq: 05 May 2025 12:57

Tgt Ion:264 Resp: 1185656  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 18.8 28.2  
 265 22.2 17.0 25.4

