

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050625\  
 Data File : BM050117.D  
 Acq On : 06 May 2025 13:23  
 Operator : RC/JU  
 Sample : Q1937-11  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 LARGE-PILE-F

Quant Time: May 06 14:04:05 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

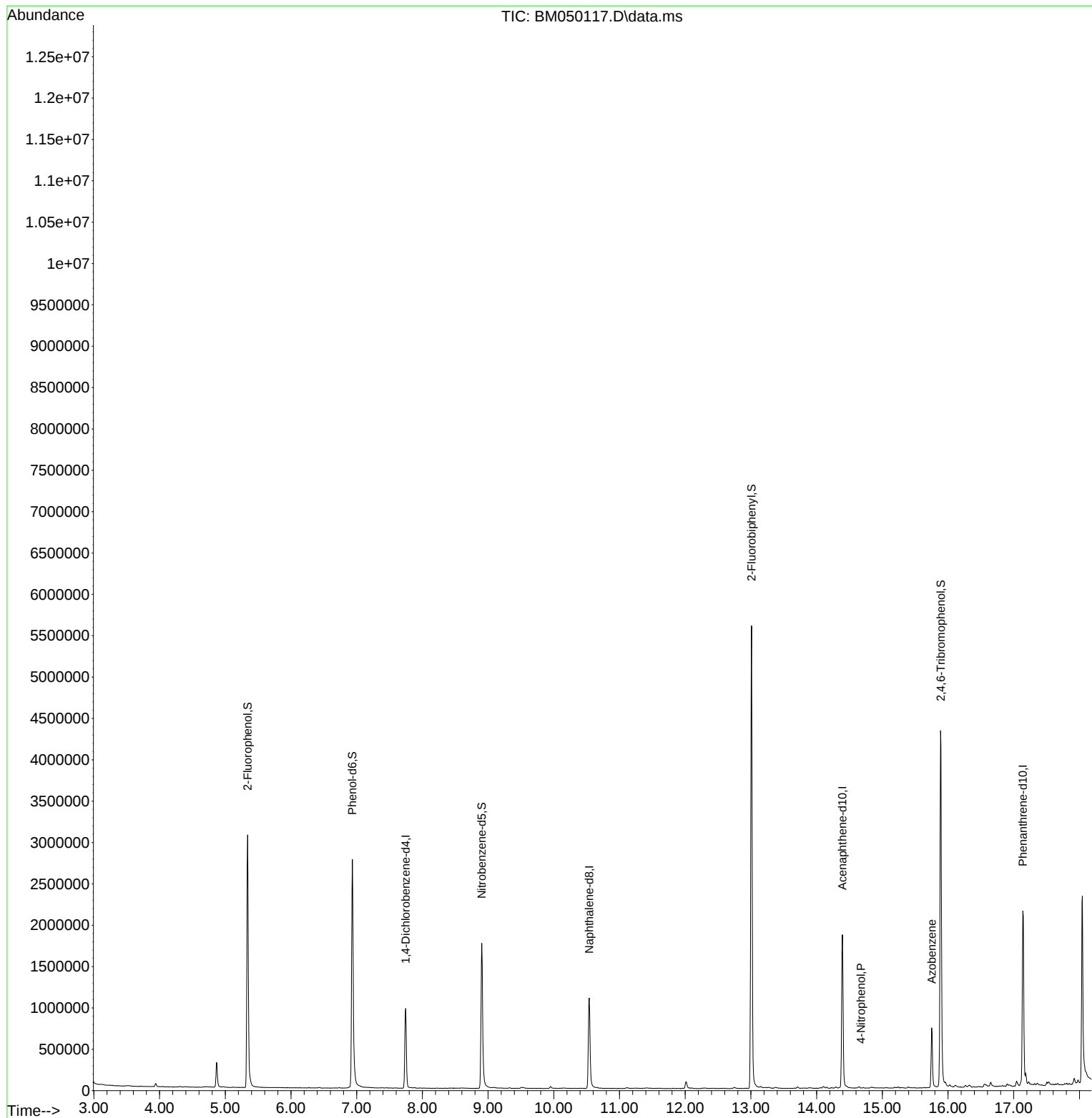
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.745  | 152  | 292655   | 20.000 | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.539 | 136  | 1075638  | 20.000 | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.392 | 164  | 728595   | 20.000 | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.139 | 188  | 1420998  | 20.000 | ng    | -0.02    |
| 76) Chrysene-d12            | 21.386 | 240  | 1302021  | 20.000 | ng    | -0.01    |
| 86) Perylene-d12            | 24.374 | 264  | 1310183  | 20.000 | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.340  | 112  | 1481486  | 88.643 | ng    | -0.02    |
| 7) Phenol-d6                | 6.934  | 99   | 1921759  | 91.486 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 8.904  | 82   | 1161561  | 53.213 | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 15.892 | 330  | 999195   | 92.748 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.010 | 172  | 3167476  | 51.429 | ng    | -0.02    |
| 79) Terphenyl-d14           | 19.768 | 244  | 5097045  | 57.928 | ng    | -0.01    |
| Target Compounds            |        |      |          |        |       |          |
| 56) 4-Nitrophenol           | 14.674 | 139  | 62       | 4.541  | ng    | # 10     |
| 63) Azobenzene              | 15.751 | 77   | 204627   | 4.866  | ng    | # 1      |
| -----                       |        |      |          |        |       |          |

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

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Sample : Q1937-11  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
LARGE-PILE-F

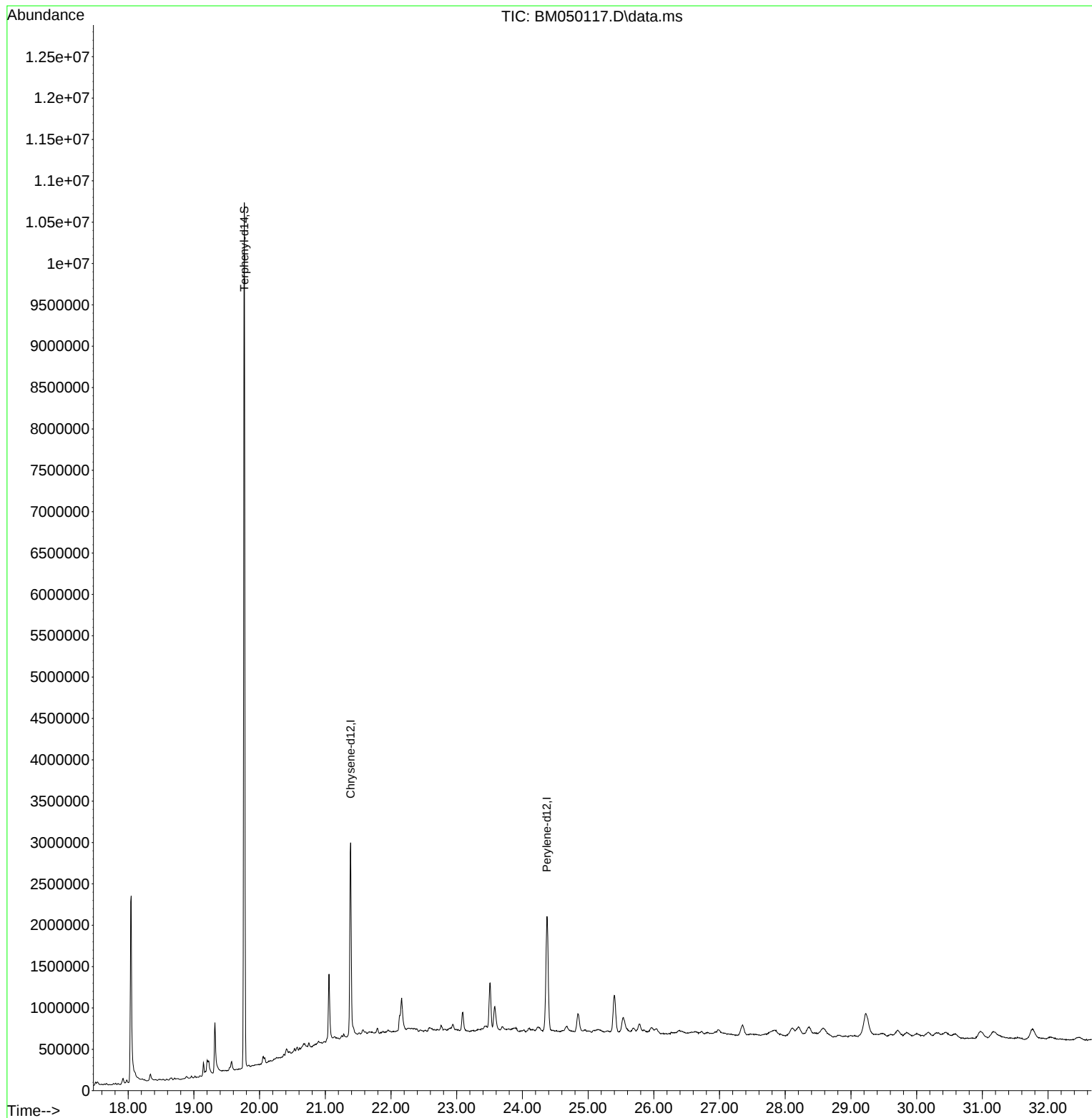
Quant Time: May 06 14:04:05 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Apr 28 18:09:16 2025  
Response via : Initial Calibration

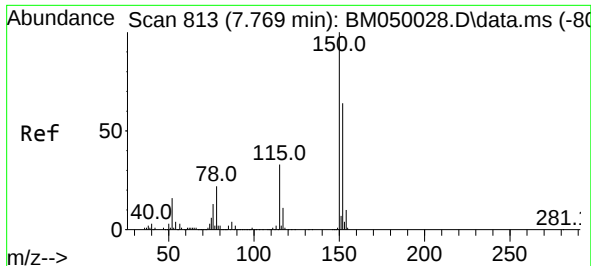


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM050625\  
Data File : BM050117.D  
Acq On : 06 May 2025 13:23  
Operator : RC/JU  
Sample : Q1937-11  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
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Quant Time: May 06 14:04:05 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

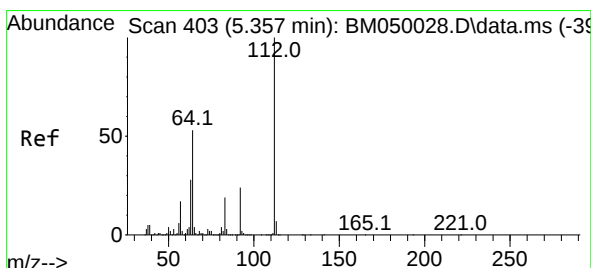
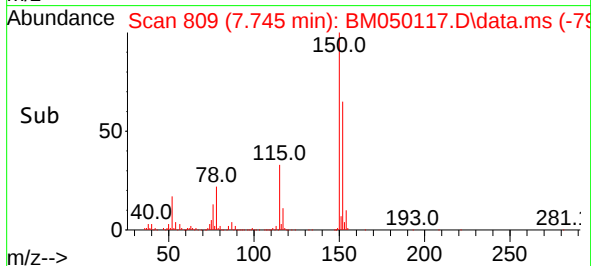
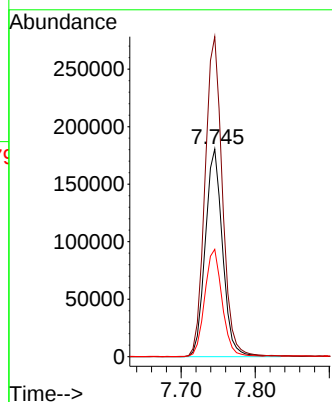
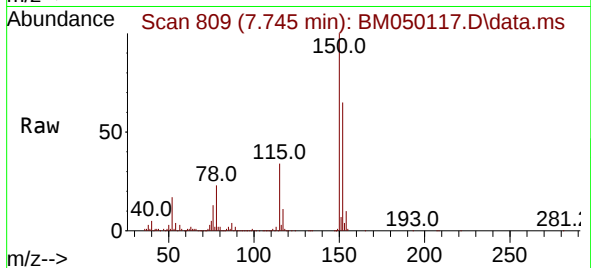




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.745 min Scan# 80  
Delta R.T. -0.024 min  
Lab File: BM050117.D  
Acq: 06 May 2025 13:23

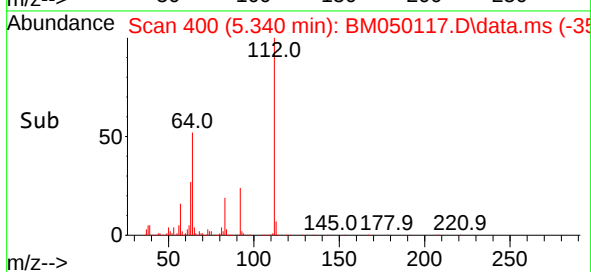
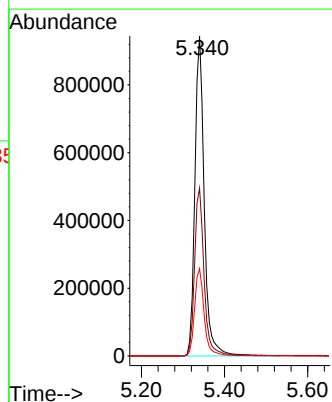
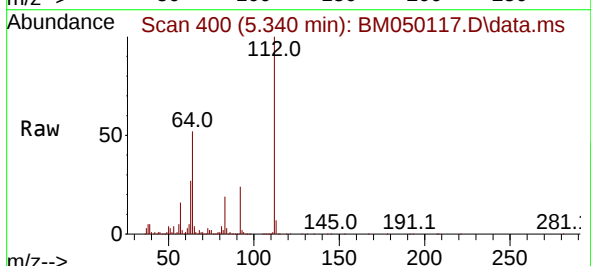
Instrument :  
BNA\_M  
ClientSampleId :  
LARGE-PILE-F

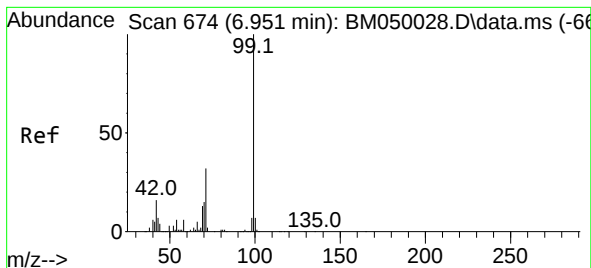
Tgt Ion:152 Resp: 292655  
Ion Ratio Lower Upper  
152 100  
150 154.0 124.1 186.1  
115 51.7 41.2 61.8



#5  
2-Fluorophenol  
Concen: 88.643 ng  
RT: 5.340 min Scan# 400  
Delta R.T. -0.018 min  
Lab File: BM050117.D  
Acq: 06 May 2025 13:23

Tgt Ion:112 Resp: 1481486  
Ion Ratio Lower Upper  
112 100  
64 52.5 42.6 64.0  
63 27.3 22.2 33.4





#7

Phenol-d6

Concen: 91.486 ng

RT: 6.934 min Scan# 61

Delta R.T. -0.018 min

Lab File: BM050117.D

Acq: 06 May 2025 13:23

Instrument :

BNA\_M

ClientSampleId :

LARGE-PILE-F

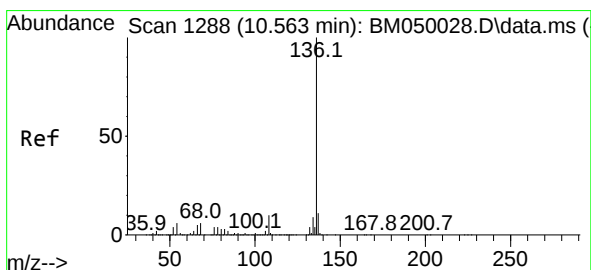
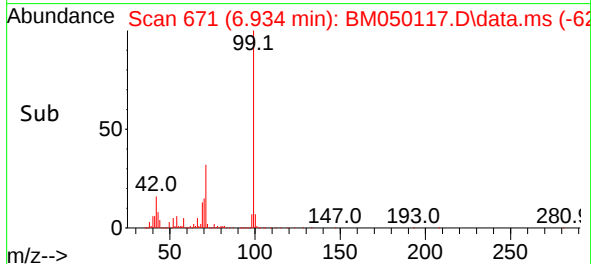
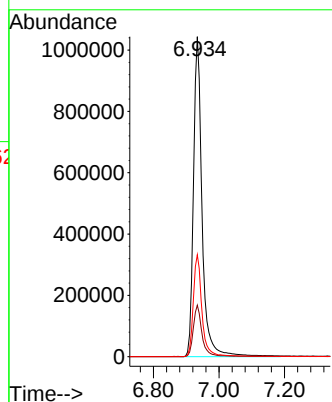
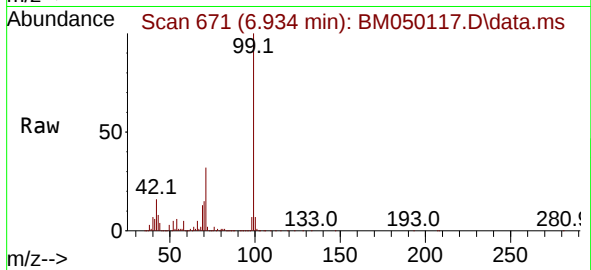
Tgt Ion: 99 Resp: 1921759

Ion Ratio Lower Upper

99 100

42 16.1 13.0 19.4

71 31.8 25.6 38.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.539 min Scan# 1284

Delta R.T. -0.024 min

Lab File: BM050117.D

Acq: 06 May 2025 13:23

Tgt Ion: 136 Resp: 1075638

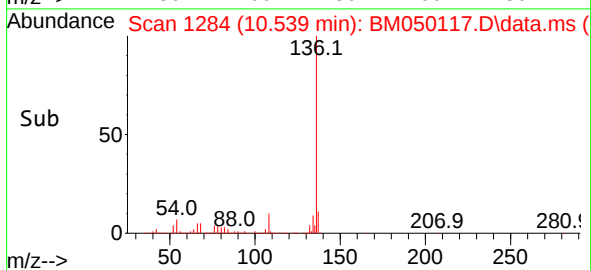
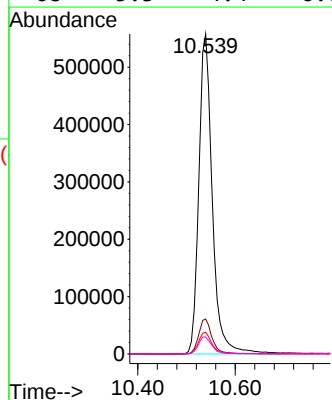
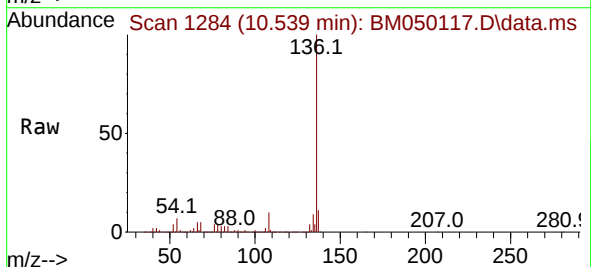
Ion Ratio Lower Upper

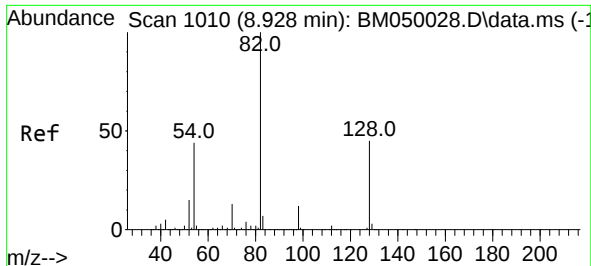
136 100

137 10.9 8.9 13.3

54 6.8 5.1 7.7

68 5.3 4.4 6.6

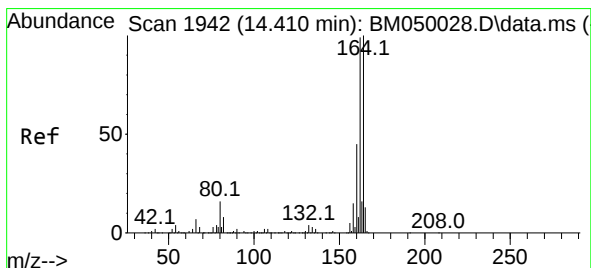
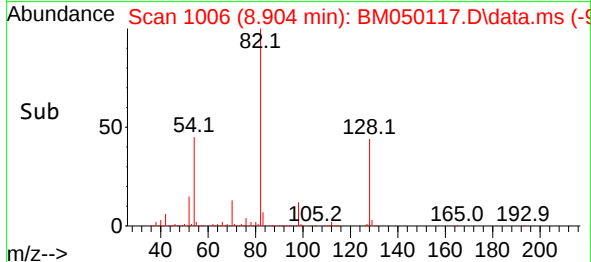
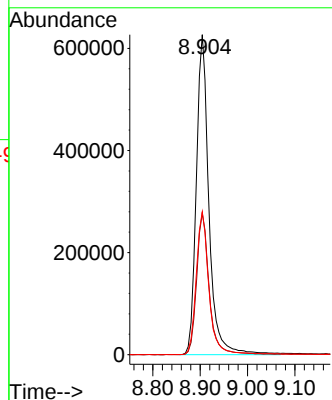
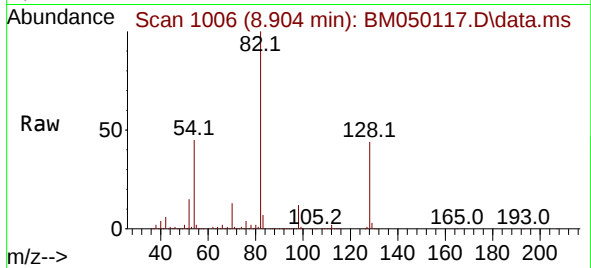




#23  
Nitrobenzene-d5  
Concen: 53.213 ng  
RT: 8.904 min Scan# 1006  
Delta R.T. -0.024 min  
Lab File: BM050117.D  
Acq: 06 May 2025 13:23

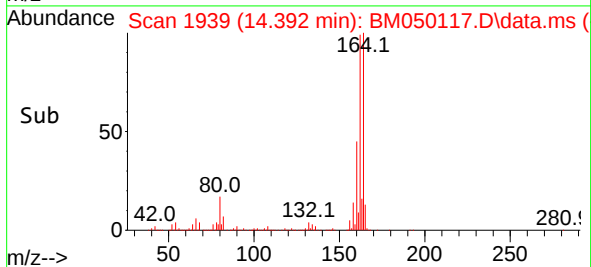
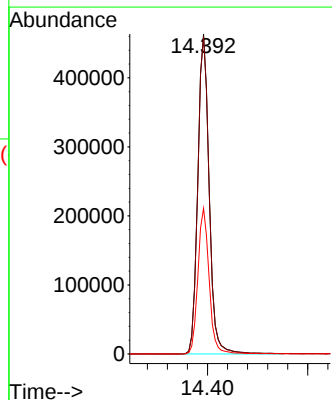
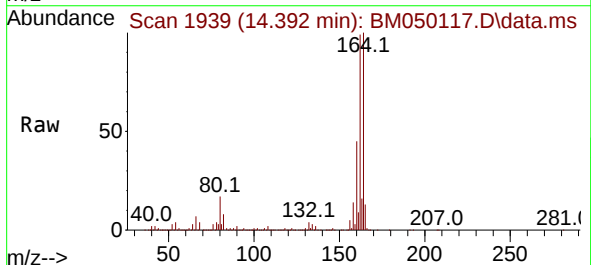
Instrument :  
BNA\_M  
ClientSampleId :  
LARGE-PILE-F

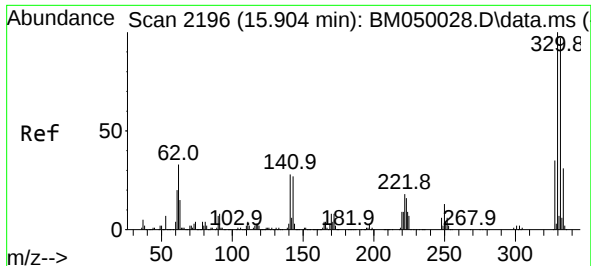
Tgt Ion: 82 Resp: 1161561  
Ion Ratio Lower Upper  
82 100  
128 44.2 35.7 53.5  
54 44.7 35.4 53.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.392 min Scan# 1939  
Delta R.T. -0.018 min  
Lab File: BM050117.D  
Acq: 06 May 2025 13:23

Tgt Ion:164 Resp: 728595  
Ion Ratio Lower Upper  
164 100  
162 99.2 79.4 119.0  
160 45.5 36.2 54.4

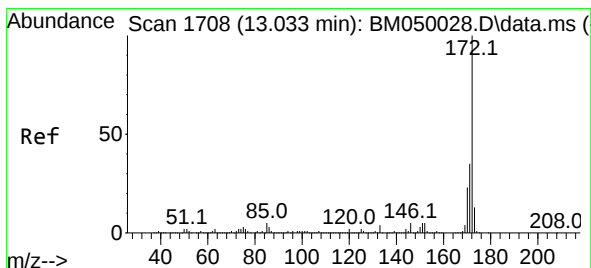
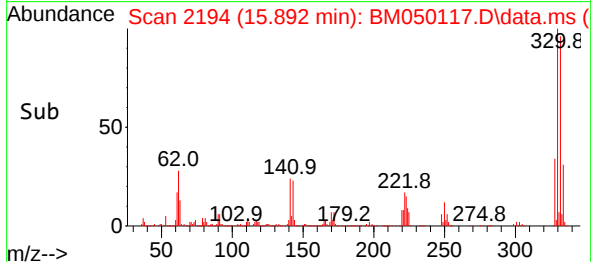
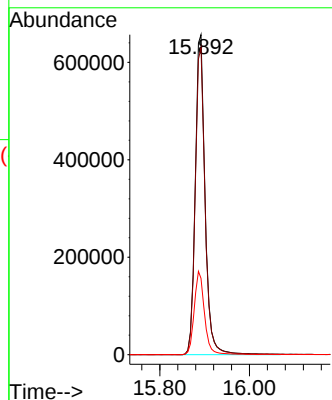
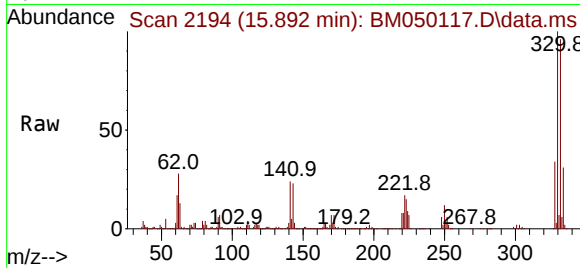




#42  
2,4,6-Tribromophenol  
Concen: 92.748 ng  
RT: 15.892 min Scan# 2196  
Delta R.T. -0.012 min  
Lab File: BM050117.D  
Acq: 06 May 2025 13:23

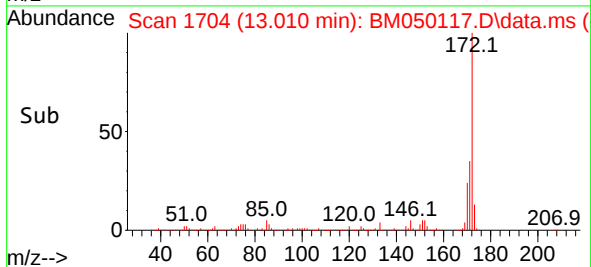
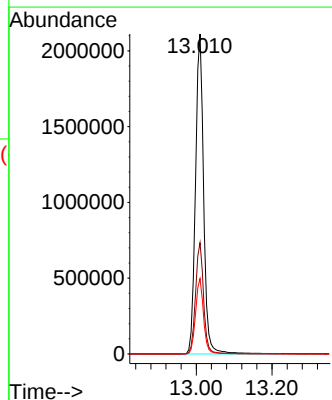
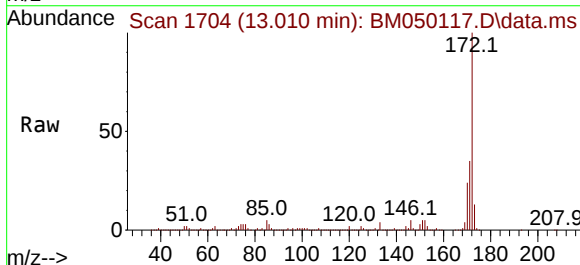
Instrument :  
BNA\_M  
ClientSampleId :  
LARGE-PILE-F

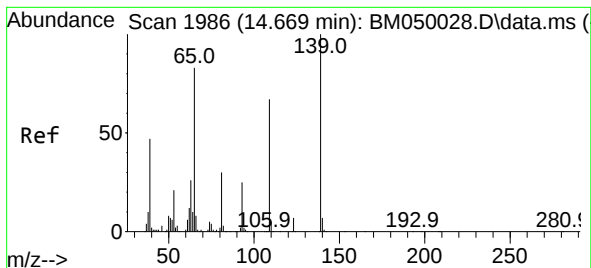
Tgt Ion:330 Resp: 999195  
Ion Ratio Lower Upper  
330 100  
332 96.5 77.3 115.9  
141 27.3 22.5 33.7



#45  
2-Fluorobiphenyl  
Concen: 51.429 ng  
RT: 13.010 min Scan# 1704  
Delta R.T. -0.024 min  
Lab File: BM050117.D  
Acq: 06 May 2025 13:23

Tgt Ion:172 Resp: 3167476  
Ion Ratio Lower Upper  
172 100  
171 34.8 27.8 41.6  
170 23.5 18.6 28.0

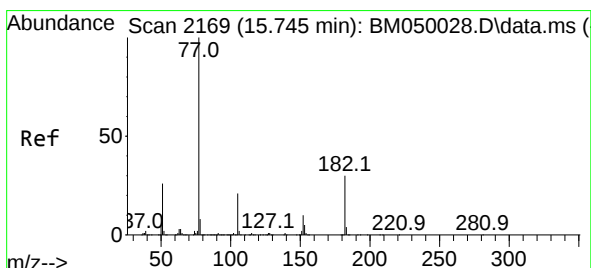
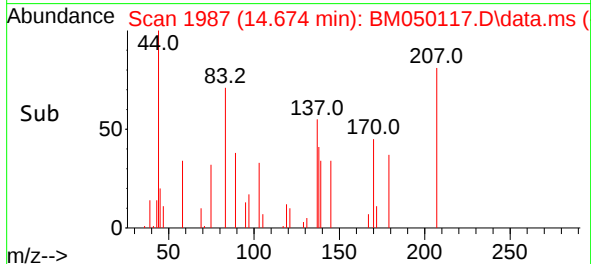
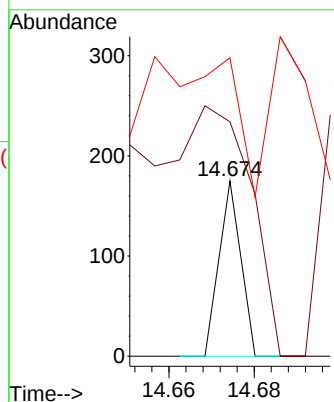
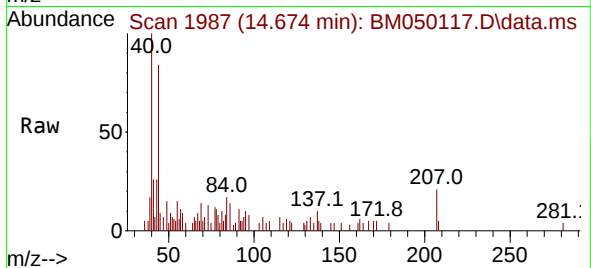




#56  
4-Nitrophenol  
Concen: 4.541 ng  
RT: 14.674 min Scan# 1986  
Delta R.T. 0.005 min  
Lab File: BM050117.D  
Acq: 06 May 2025 13:23

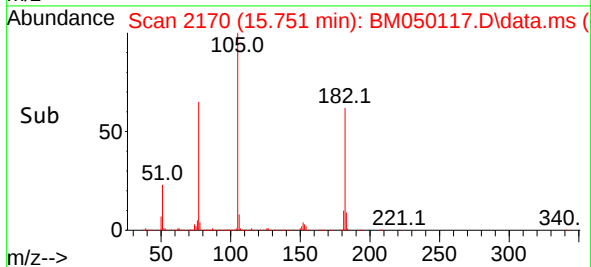
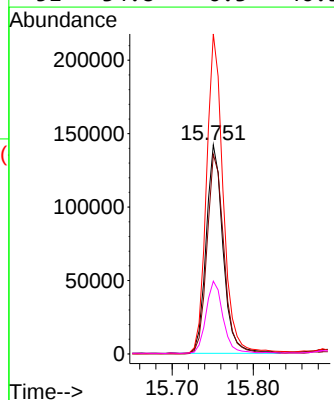
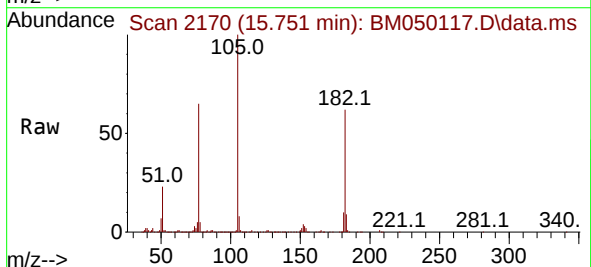
Instrument :  
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LARGE-PILE-F

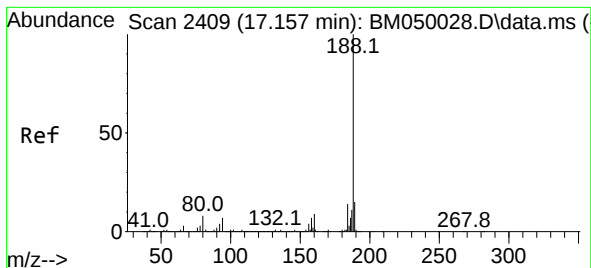
Tgt Ion:139 Resp: 62  
Ion Ratio Lower Upper  
139 100  
109 133.7 47.0 87.0#  
65 170.3 64.3 104.3#



#63  
Azobenzene  
Concen: 4.866 ng  
RT: 15.751 min Scan# 2170  
Delta R.T. 0.006 min  
Lab File: BM050117.D  
Acq: 06 May 2025 13:23

Tgt Ion: 77 Resp: 204627  
Ion Ratio Lower Upper  
77 100  
182 95.4 10.5 50.5#  
105 153.0 1.1 41.1#  
51 34.8 6.3 46.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.139 min Scan# 2406

Delta R.T. -0.018 min

Lab File: BM050117.D

Acq: 06 May 2025 13:23

Instrument :

BNA\_M

ClientSampleId :

LARGE-PILE-F

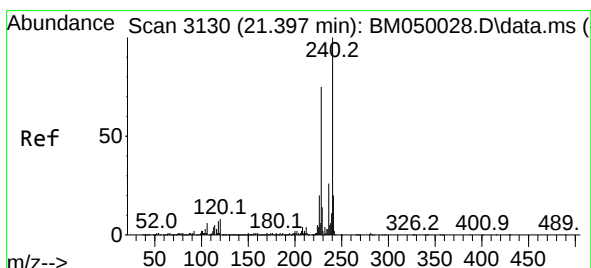
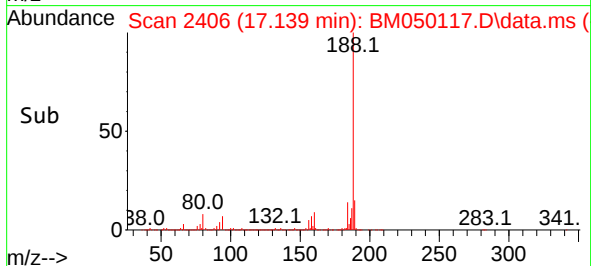
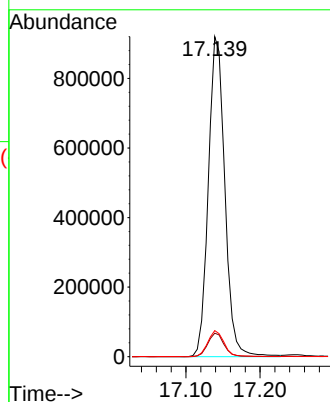
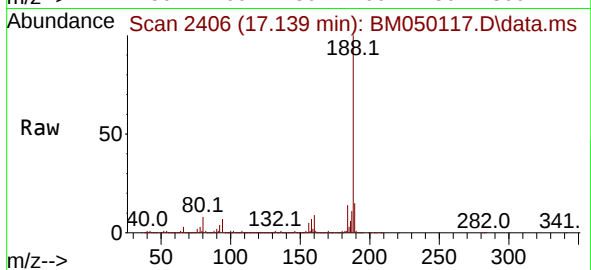
Tgt Ion:188 Resp: 1420998

Ion Ratio Lower Upper

188 100

94 7.4 5.7 8.5

80 8.1 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: BM050117.D

Acq: 06 May 2025 13:23

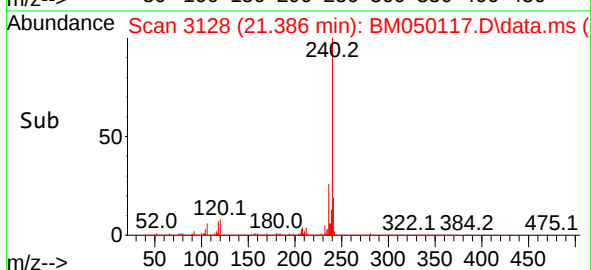
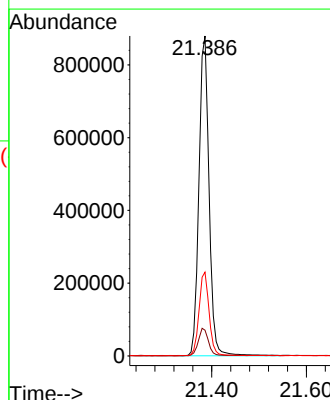
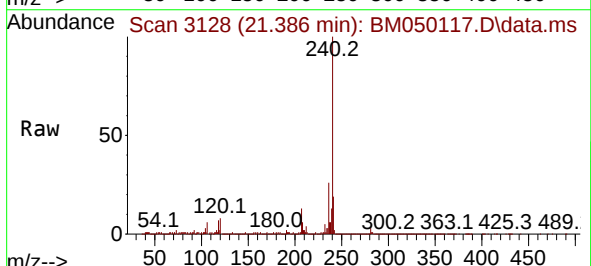
Tgt Ion:240 Resp: 1302021

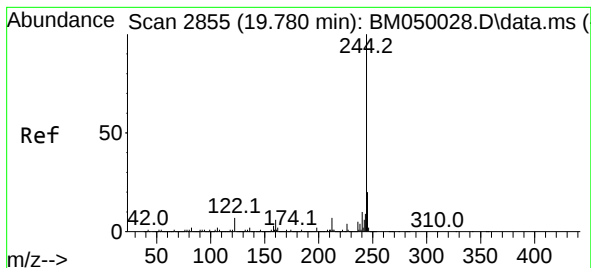
Ion Ratio Lower Upper

240 100

120 8.1 6.5 9.7

236 26.2 20.9 31.3





#79

Terphenyl-d14

Concen: 57.928 ng

RT: 19.768 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM050117.D

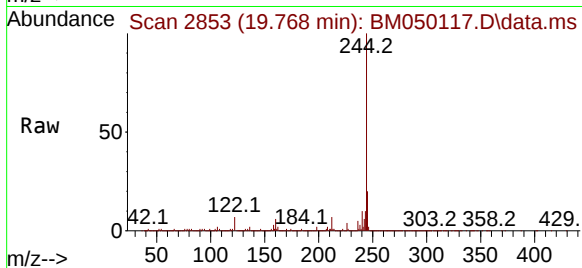
Acq: 06 May 2025 13:23

Instrument :

BNA\_M

ClientSampleId :

LARGE-PILE-F



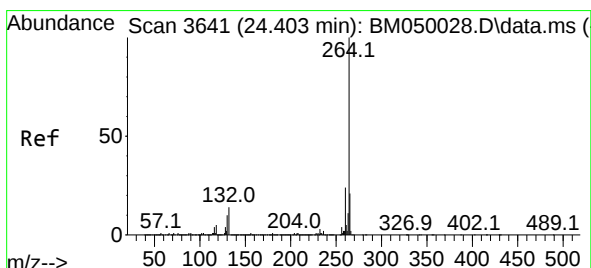
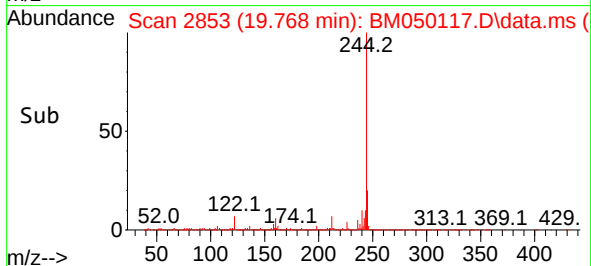
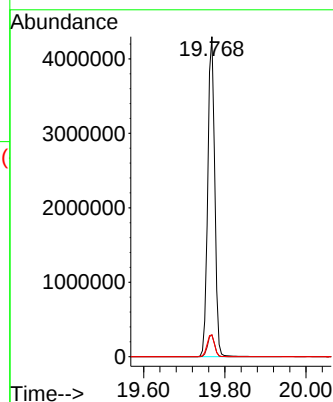
Tgt Ion:244 Resp: 5097045

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 6.8 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.374 min Scan# 3636

Delta R.T. -0.029 min

Lab File: BM050117.D

Acq: 06 May 2025 13:23

Tgt Ion:264 Resp: 1310183

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.9 17.0 25.4

