

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042125\  
 Data File : BM049983.D  
 Acq On : 21 Apr 2025 13:56  
 Operator : RC/JU  
 Sample : Q1832-36  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PL-714-COMP-6

Quant Time: Apr 21 14:32:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 09 04:00:55 2025  
 Response via : Initial Calibration

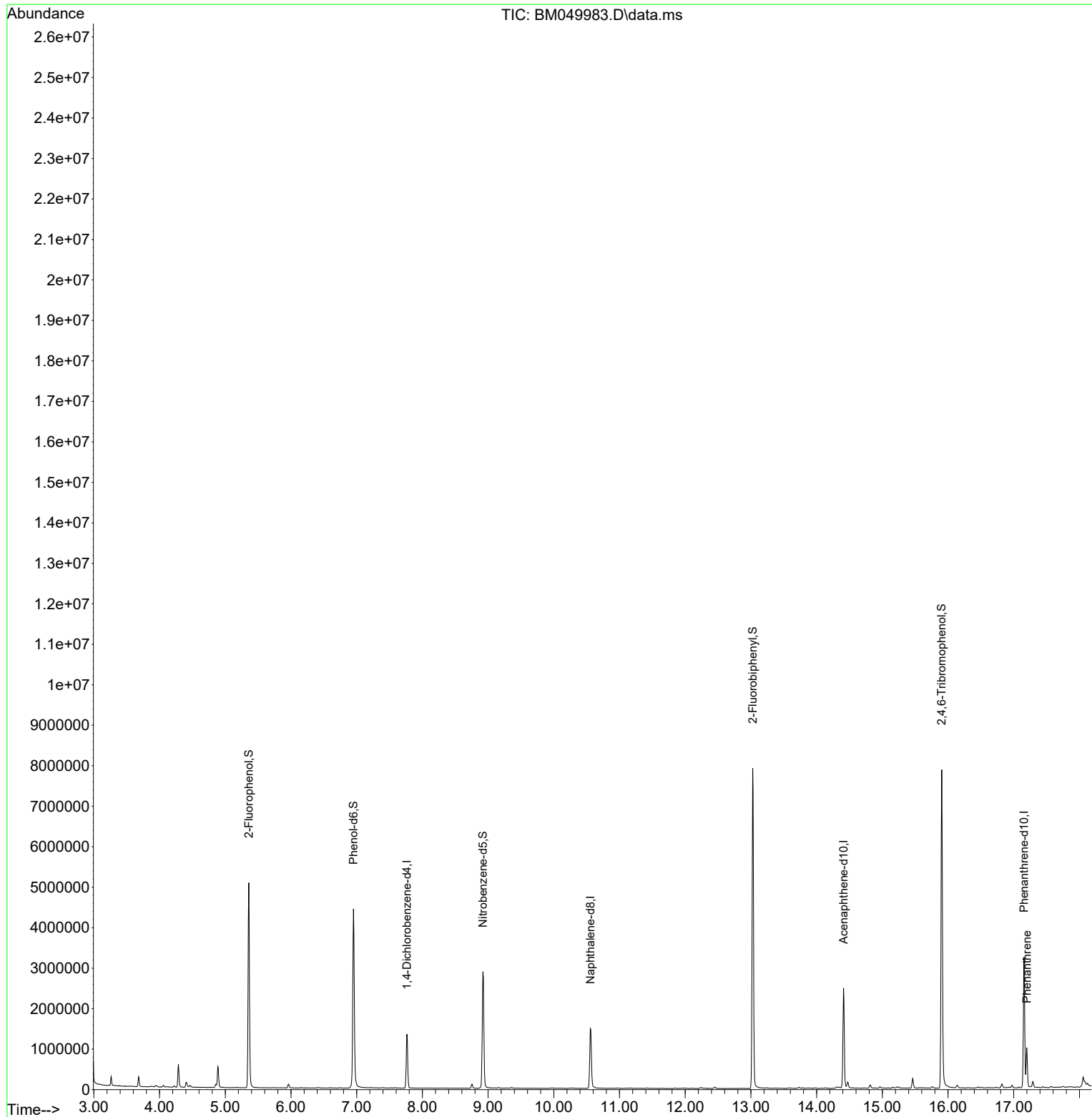
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)   |
|-----------------------------|--------|------|----------|---------|-------|------------|
| -----                       |        |      |          |         |       |            |
| Internal Standards          |        |      |          |         |       |            |
| 1) 1,4-Dichlorobenzene-d4   | 7.763  | 152  | 388091   | 20.000  | ng    | -0.02      |
| 21) Naphthalene-d8          | 10.557 | 136  | 1366819  | 20.000  | ng    | -0.02      |
| 39) Acenaphthene-d10        | 14.410 | 164  | 901913   | 20.000  | ng    | -0.01      |
| 64) Phenanthrene-d10        | 17.157 | 188  | 1970480  | 20.000  | ng    | 0.00       |
| 76) Chrysene-d12            | 21.398 | 240  | 1933004  | 20.000  | ng    | 0.00       |
| 86) Perylene-d12            | 24.403 | 264  | 523504   | 20.000  | ng    | # 0.00     |
| System Monitoring Compounds |        |      |          |         |       |            |
| 5) 2-Fluorophenol           | 5.357  | 112  | 2296804  | 100.496 | ng    | 0.00       |
| 7) Phenol-d6                | 6.952  | 99   | 2790504  | 98.134  | ng    | 0.00       |
| 23) Nitrobenzene-d5         | 8.922  | 82   | 1748303  | 71.227  | ng    | -0.01      |
| 42) 2,4,6-Tribromophenol    | 15.904 | 330  | 1789626  | 136.418 | ng    | 0.00       |
| 45) 2-Fluorobiphenyl        | 13.028 | 172  | 4465796  | 67.142  | ng    | -0.02      |
| 79) Terphenyl-d14           | 19.786 | 244  | 10267242 | 99.541  | ng    | 0.00       |
| Target Compounds            |        |      |          |         |       |            |
| 71) Phenanthrene            | 17.198 | 178  | 610224   | 5.649   | ng    | Qvalue 100 |
| -----                       |        |      |          |         |       |            |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042125\  
Data File : BM049983.D  
Acq On : 21 Apr 2025 13:56  
Operator : RC/JU  
Sample : Q1832-36  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PL-714-COMP-6

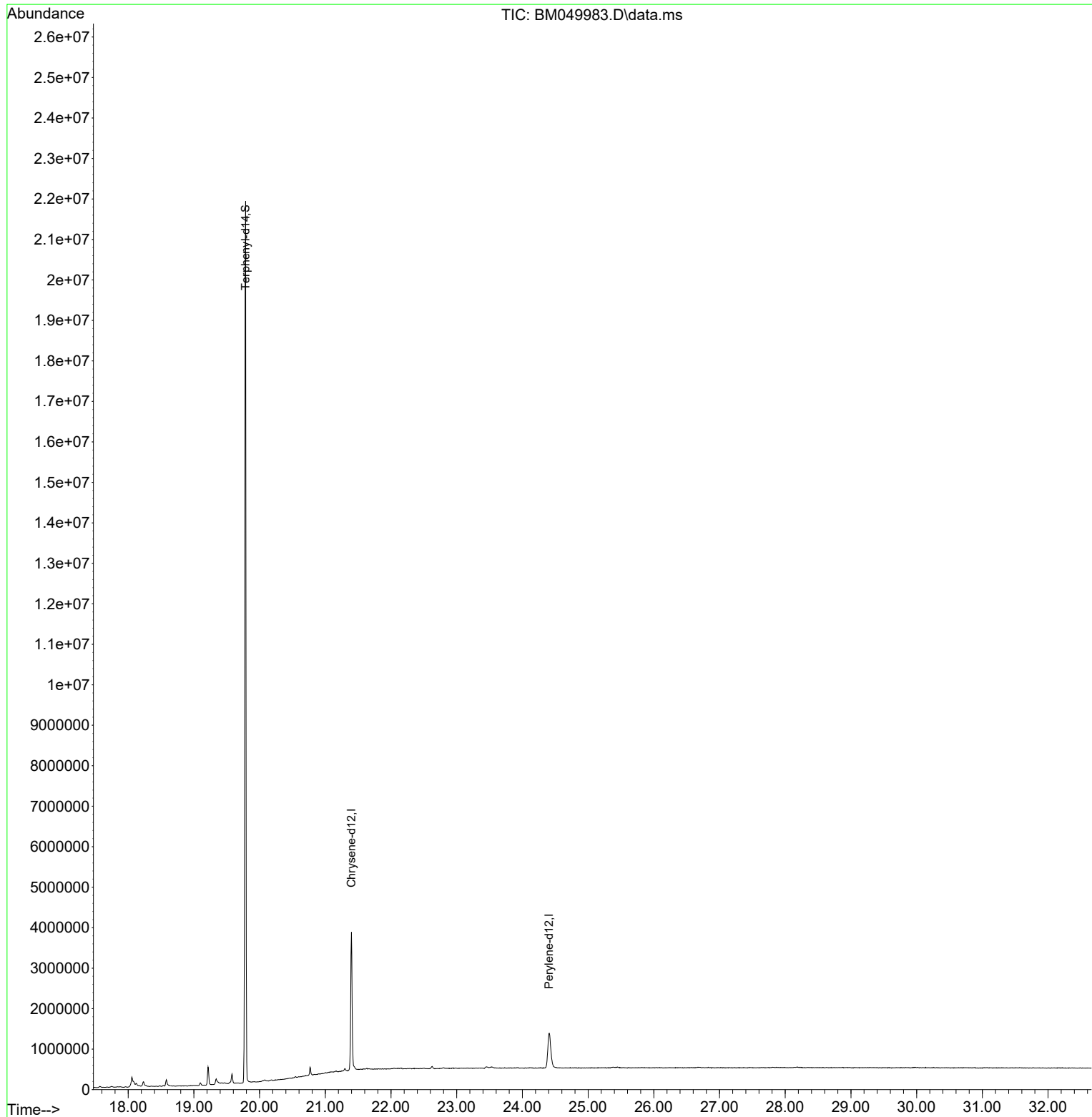
Quant Time: Apr 21 14:32:19 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 09 04:00:55 2025  
Response via : Initial Calibration

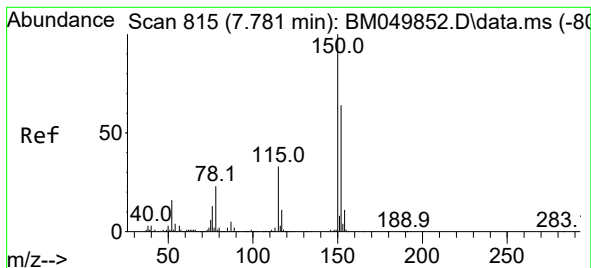


Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042125\  
Data File : BM049983.D  
Acq On : 21 Apr 2025 13:56  
Operator : RC/JU  
Sample : Q1832-36  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
PL-714-COMP-6

Quant Time: Apr 21 14:32:19 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM040825.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 09 04:00:55 2025  
Response via : Initial Calibration

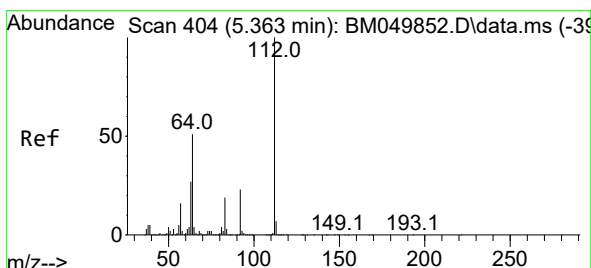
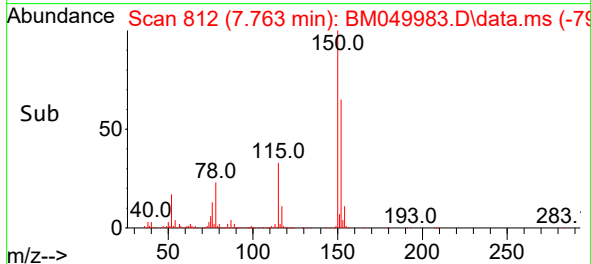
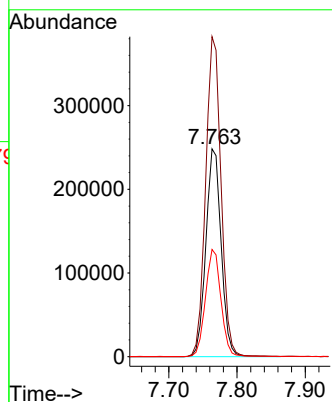
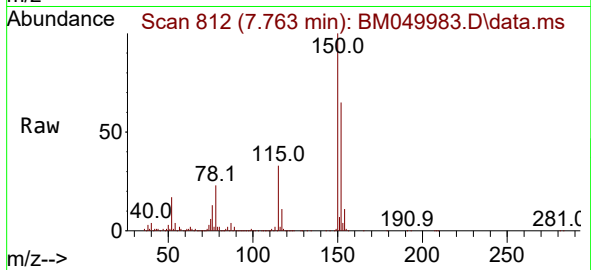




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.763 min Scan# 815  
 Delta R.T. -0.018 min  
 Lab File: BM049983.D  
 Acq: 21 Apr 2025 13:56

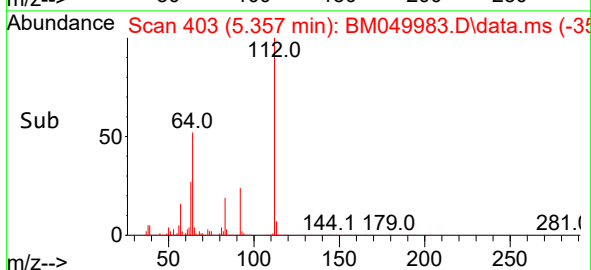
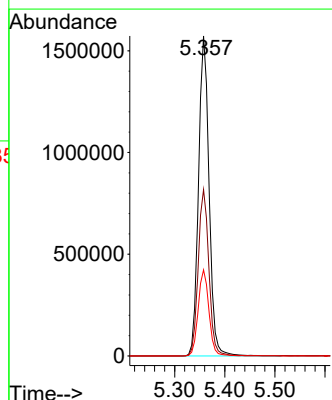
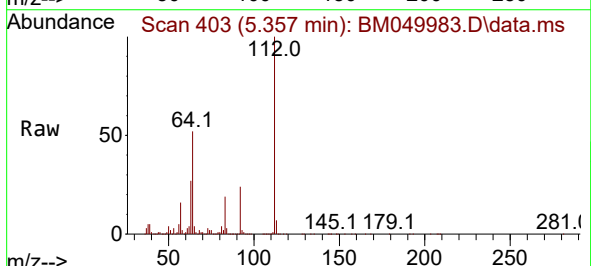
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PL-714-COMP-6

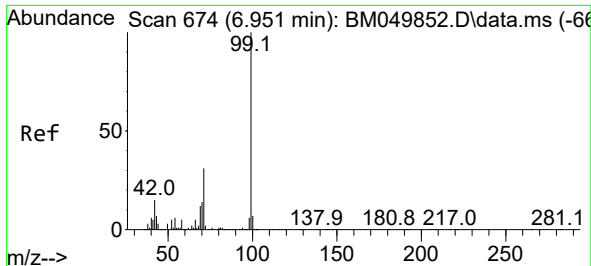
Tgt Ion:152 Resp: 388091  
 Ion Ratio Lower Upper  
 152 100  
 150 154.0 124.3 186.5  
 115 51.6 41.1 61.7



#5  
 2-Fluorophenol  
 Concen: 100.496 ng  
 RT: 5.357 min Scan# 403  
 Delta R.T. -0.006 min  
 Lab File: BM049983.D  
 Acq: 21 Apr 2025 13:56

Tgt Ion:112 Resp: 2296804  
 Ion Ratio Lower Upper  
 112 100  
 64 52.0 41.0 61.6  
 63 26.9 21.5 32.3

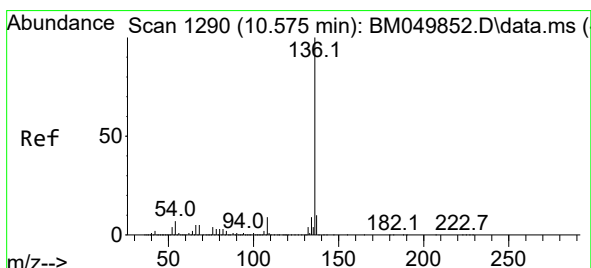
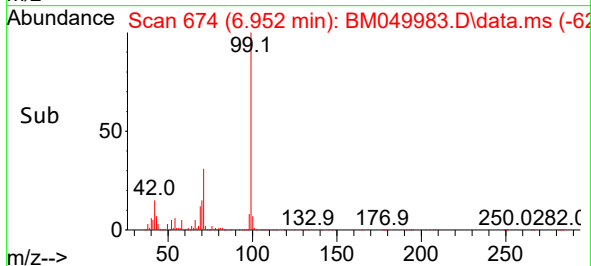
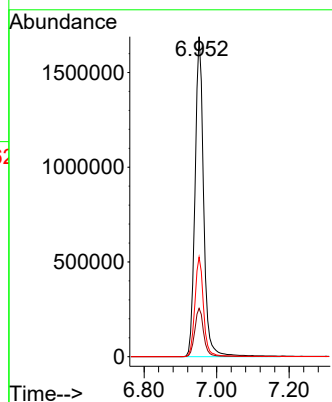
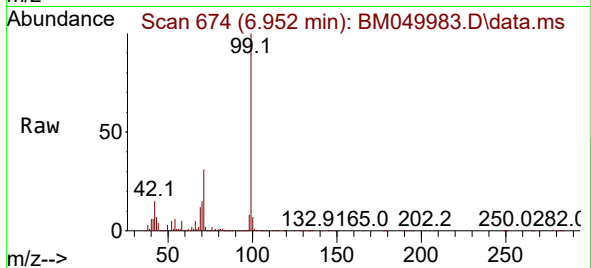




#7  
Phenol-d6  
Concen: 98.134 ng  
RT: 6.952 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

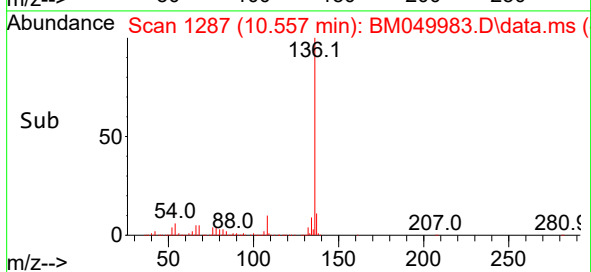
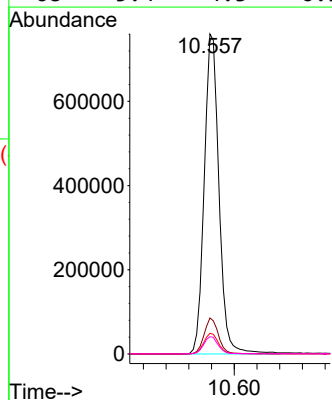
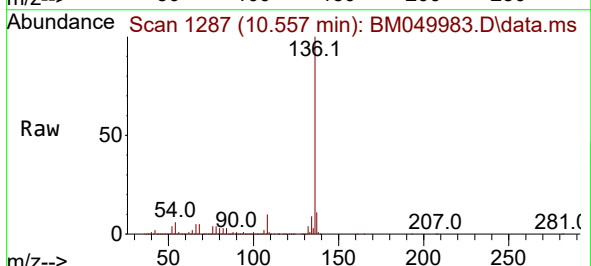
Instrument :  
BNA\_M  
ClientSampleId :  
PL-714-COMP-6

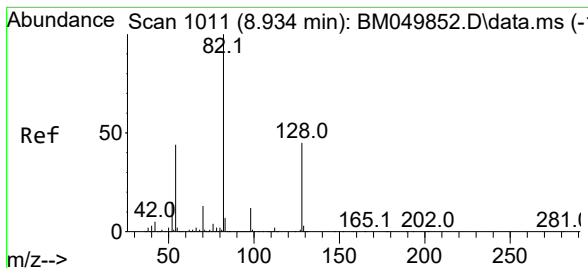
Tgt Ion: 99 Resp: 2790504  
Ion Ratio Lower Upper  
99 100  
42 15.1 12.1 18.1  
71 31.1 24.9 37.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.557 min Scan# 1287  
Delta R.T. -0.017 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

Tgt Ion: 136 Resp: 1366819  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 6.5 5.3 7.9  
68 5.4 4.3 6.5

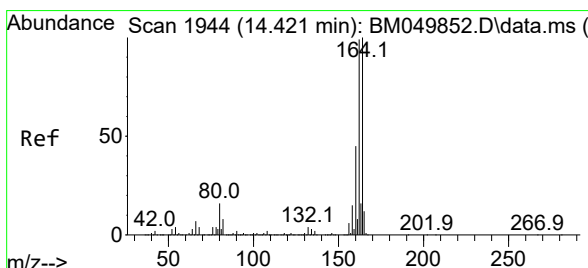
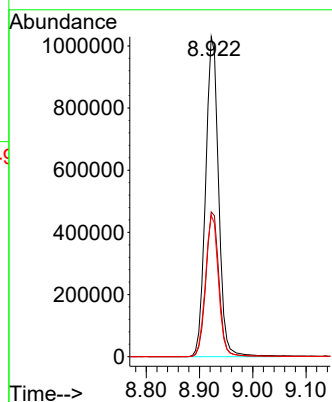
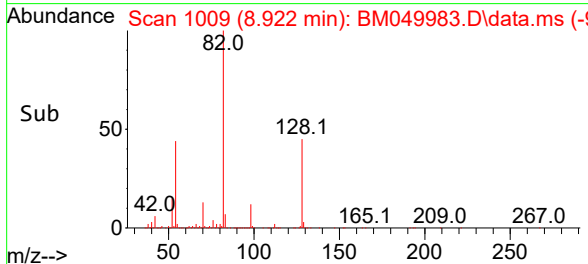
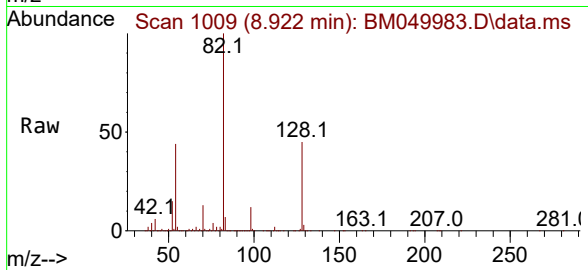




#23  
Nitrobenzene-d5  
Concen: 71.227 ng  
RT: 8.922 min Scan# 1009  
Delta R.T. -0.012 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

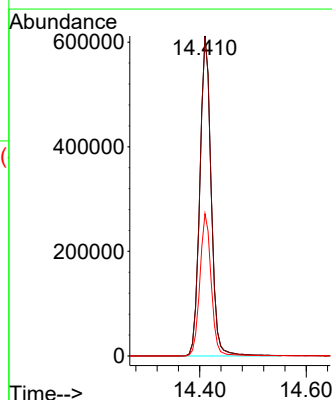
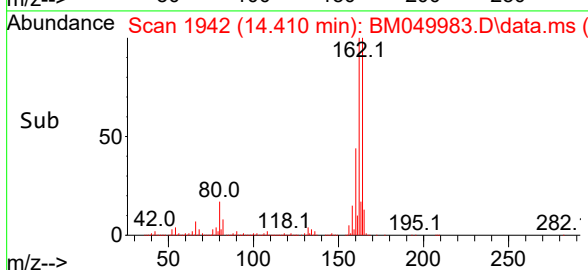
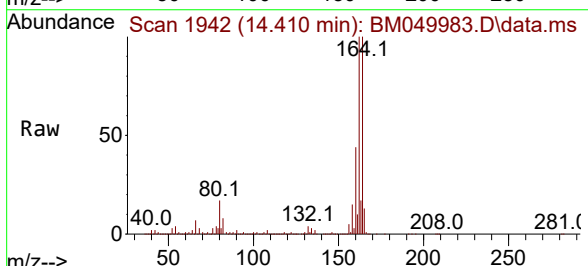
Instrument :  
BNA\_M  
ClientSampleId :  
PL-714-COMP-6

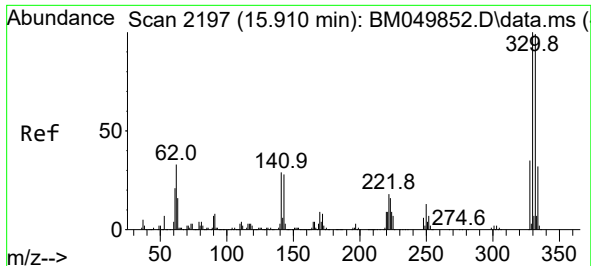
Tgt Ion: 82 Resp: 1748303  
Ion Ratio Lower Upper  
82 100  
128 45.3 36.2 54.2  
54 44.1 35.0 52.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.410 min Scan# 1942  
Delta R.T. -0.012 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

Tgt Ion: 164 Resp: 901913  
Ion Ratio Lower Upper  
164 100  
162 99.6 79.4 119.0  
160 44.4 36.2 54.2

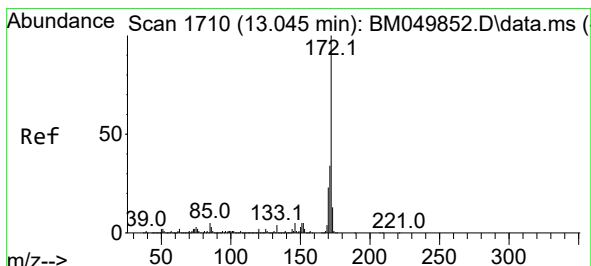
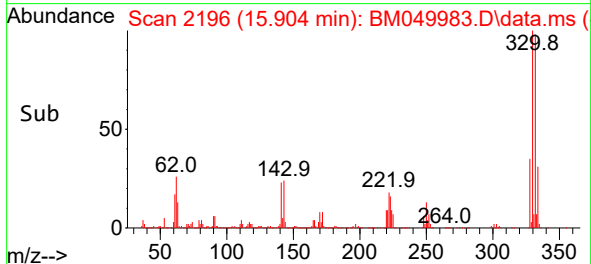
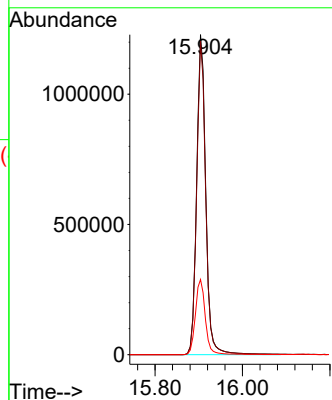
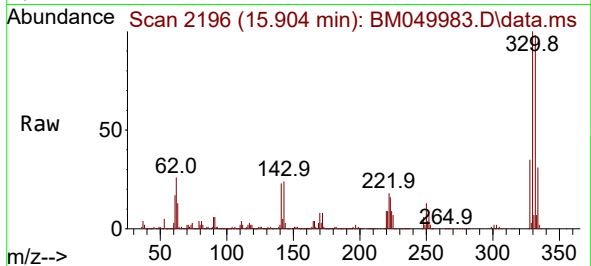




#42  
2,4,6-Tribromophenol  
Concen: 136.418 ng  
RT: 15.904 min Scan# 2197  
Delta R.T. -0.006 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

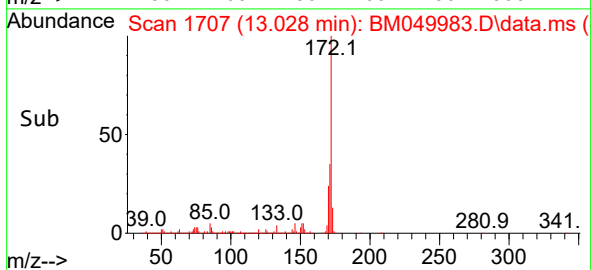
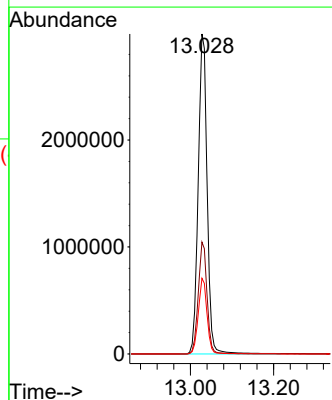
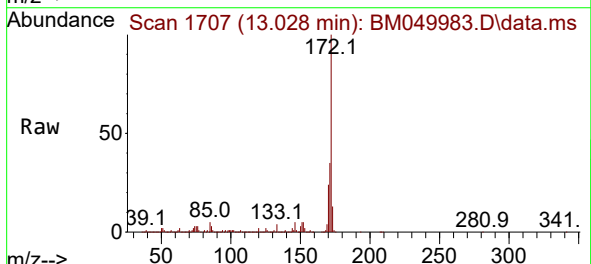
Instrument :  
BNA\_M  
ClientSampleId :  
PL-714-COMP-6

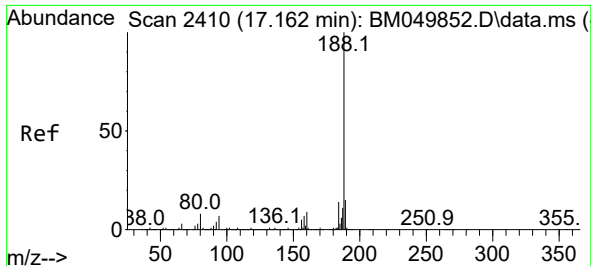
Tgt Ion:330 Resp: 1789626  
Ion Ratio Lower Upper  
330 100  
332 97.1 78.0 117.0  
141 25.6 23.5 35.3



#45  
2-Fluorobiphenyl  
Concen: 67.142 ng  
RT: 13.028 min Scan# 1707  
Delta R.T. -0.017 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

Tgt Ion:172 Resp: 4465796  
Ion Ratio Lower Upper  
172 100  
171 35.0 27.4 41.2  
170 23.6 18.6 28.0

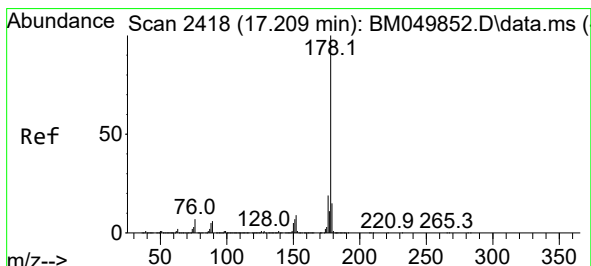
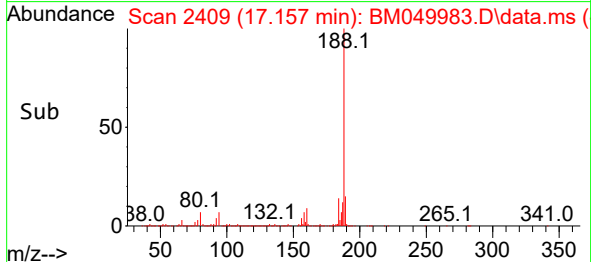
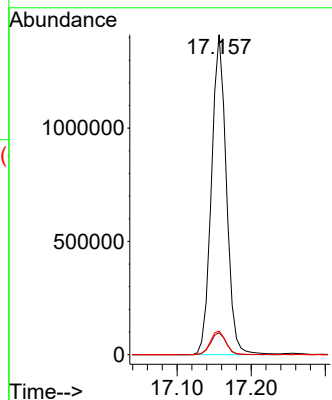
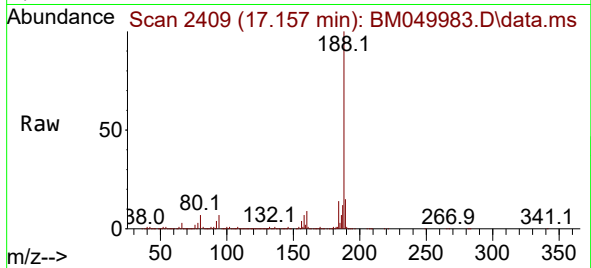




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.157 min Scan# 2410  
Delta R.T. -0.006 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

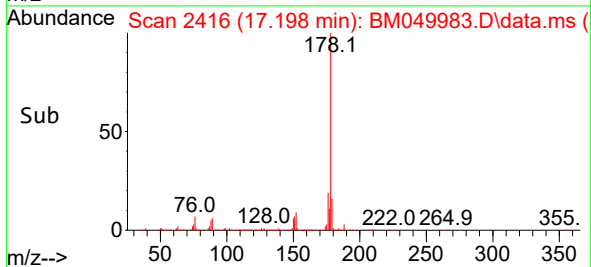
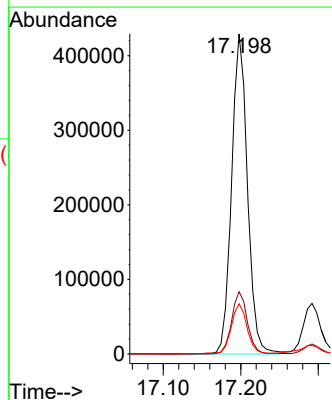
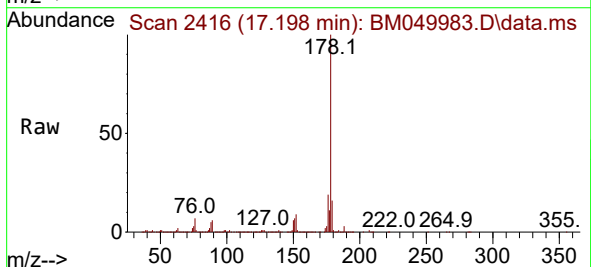
Instrument :  
BNA\_M  
ClientSampleId :  
PL-714-COMP-6

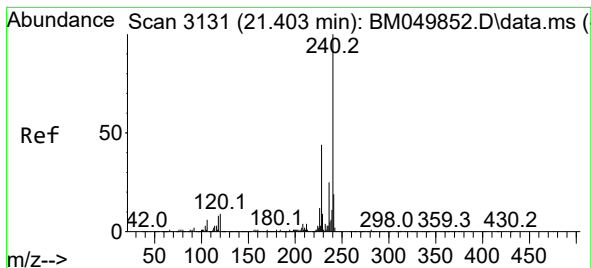
Tgt Ion:188 Resp: 1970480  
Ion Ratio Lower Upper  
188 100  
94 6.9 5.8 8.6  
80 7.4 6.4 9.6



#71  
Phenanthrene  
Concen: 5.649 ng  
RT: 17.198 min Scan# 2416  
Delta R.T. -0.012 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

Tgt Ion:178 Resp: 610224  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.4 23.2  
179 15.7 12.3 18.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.398 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM049983.D

Acq: 21 Apr 2025 13:56

Instrument :

BNA\_M

ClientSampleId :

PL-714-COMP-6

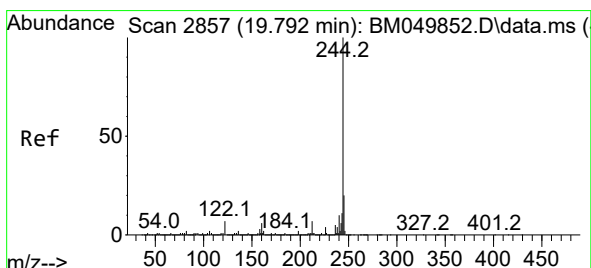
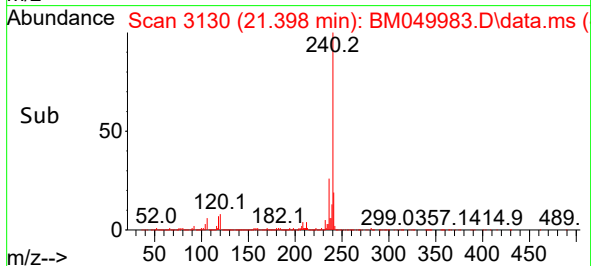
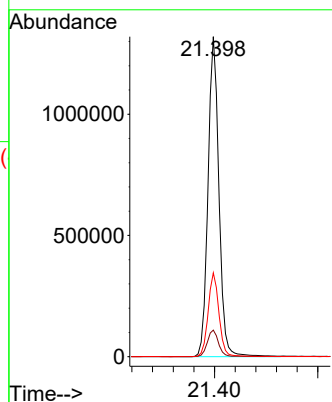
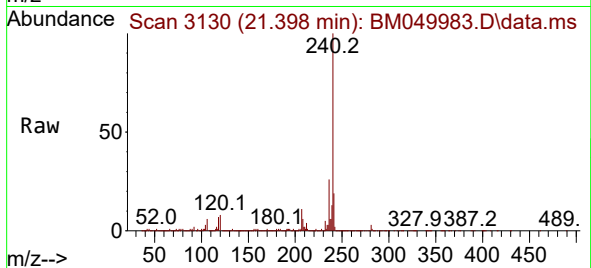
Tgt Ion:240 Resp: 1933004

Ion Ratio Lower Upper

240 100

120 8.3 6.9 10.3

236 26.2 20.4 30.6



#79

Terphenyl-d14

Concen: 99.541 ng

RT: 19.786 min Scan# 2856

Delta R.T. -0.006 min

Lab File: BM049983.D

Acq: 21 Apr 2025 13:56

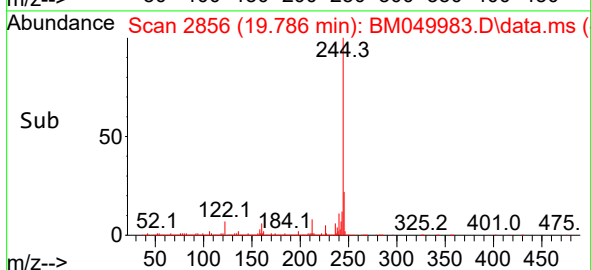
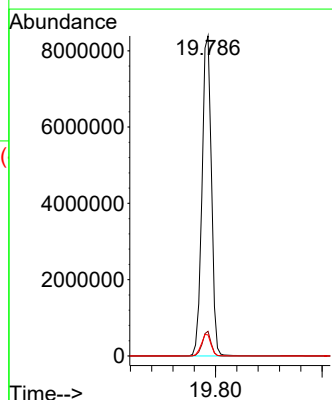
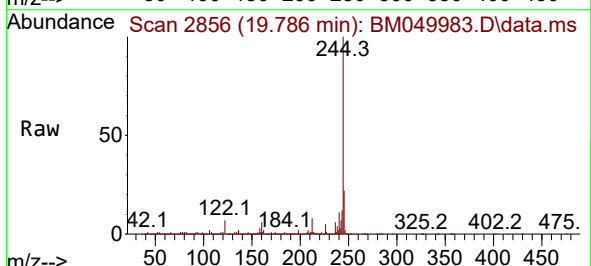
Tgt Ion:244 Resp:10267242

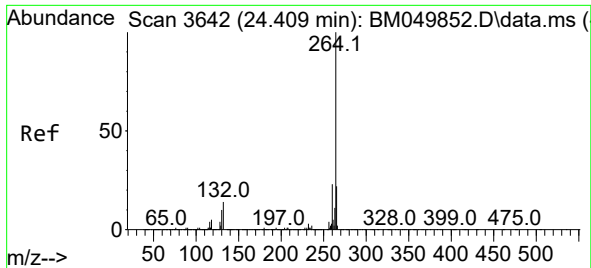
Ion Ratio Lower Upper

244 100

212 7.7 5.5 8.3

122 6.6 5.4 8.0





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.403 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BM049983.D  
Acq: 21 Apr 2025 13:56

Instrument :  
BNA\_M  
ClientSampleId :  
PL-714-COMP-6

Tgt Ion:264 Resp: 523504  
Ion Ratio Lower Upper  
264 100  
260 35.7 18.6 28.0#  
265 21.5 17.8 26.8

