

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM060623\  
 Data File : BM040118.D  
 Acq On : 06 Jun 2023 23:51  
 Operator : MA/JU  
 Sample : 03018-12  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 278

Quant Time: Jun 07 02:14:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 06 16:45:42 2023  
 Response via : Initial Calibration

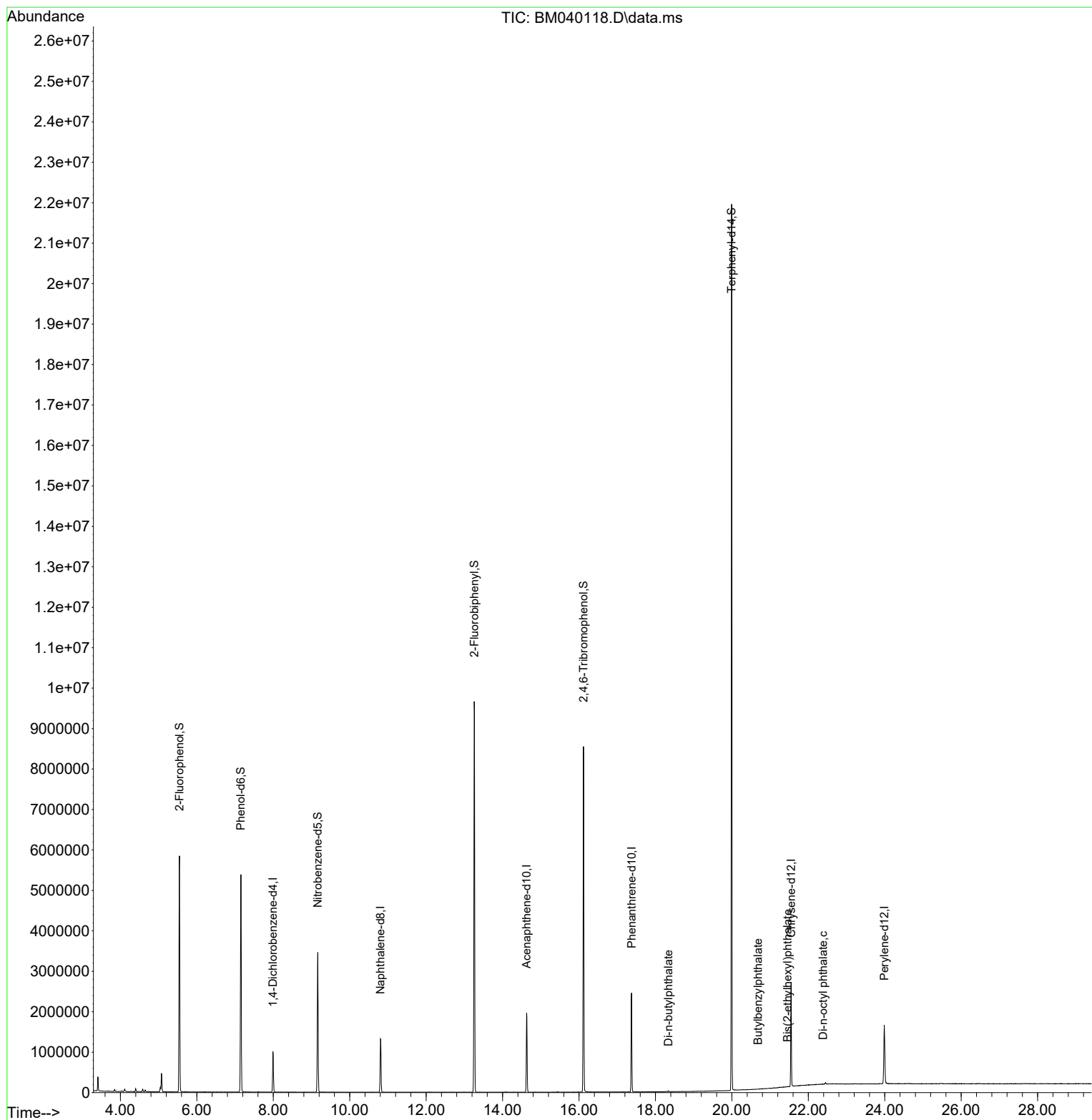
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.993  | 152  | 251349   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.804 | 136  | 1078430  | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.628 | 164  | 600336   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.375 | 188  | 1275853  | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.551 | 240  | 982959   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.986 | 264  | 907177   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.546  | 112  | 2506097  | 152.942 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.152  | 99   | 3042209  | 142.326 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.163  | 82   | 1850283  | 92.580  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.116 | 330  | 1396819  | 179.266 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.257 | 172  | 4496020  | 88.334  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.992 | 244  | 9039698  | 142.793 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 74) Di-n-butylphthalate       | 18.339 | 149  | 13398    | 3.804   | ng    | 97       |
| 80) Butylbenzylphthalate      | 20.680 | 149  | 720      | 4.854   | ng    | # 83     |
| 84) Bis(2-ethylhexyl)phtha... | 21.457 | 149  | 3008     | 3.661   | ng    | # 75     |
| 85) Di-n-octyl phthalate      | 22.386 | 149  | 267      | 6.616   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

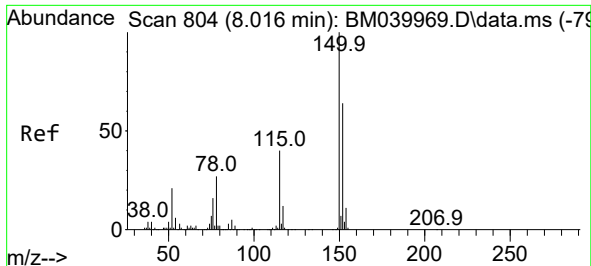
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM052323.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jun 06 16:45:42 2023  
Response via : Initial Calibration

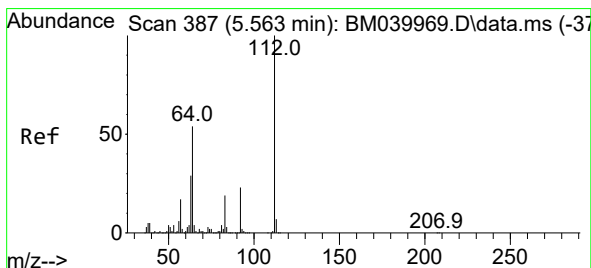
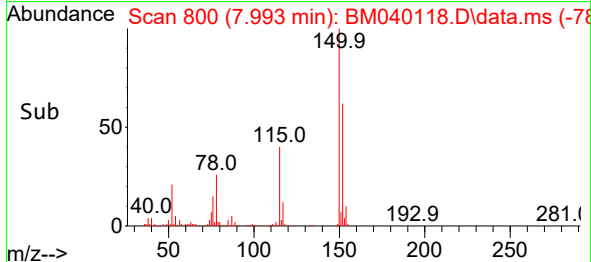
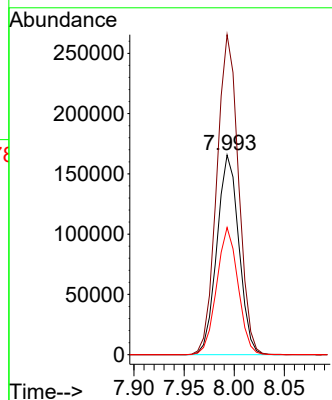
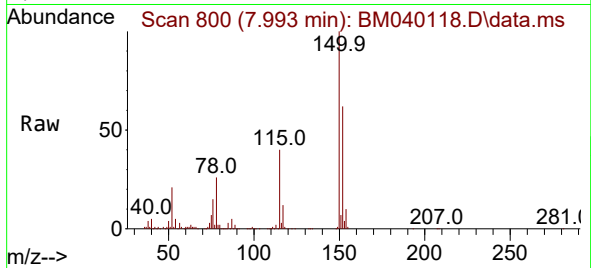




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.993 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

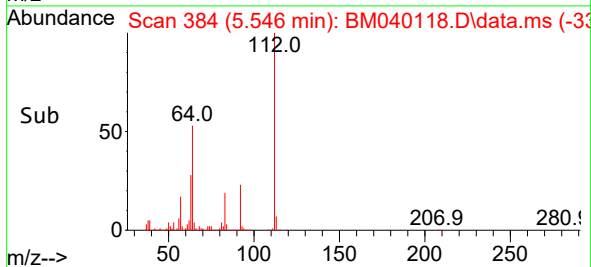
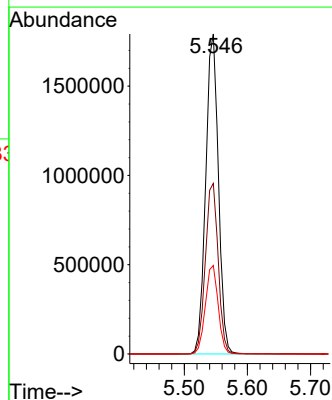
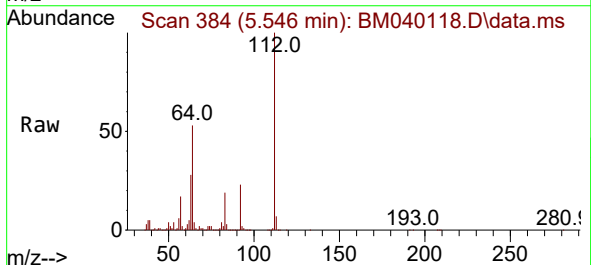
Instrument :  
BNA\_M  
ClientSampleId :  
278

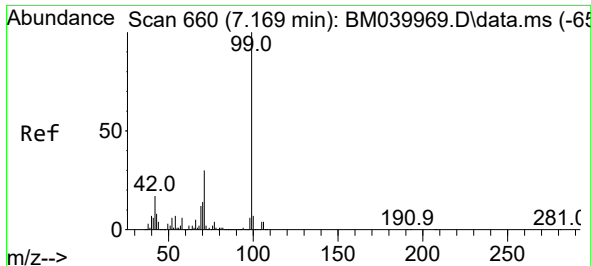
Tgt Ion:152 Resp: 251349  
Ion Ratio Lower Upper  
152 100  
150 160.2 125.5 188.3  
115 63.7 50.2 75.2



#5  
2-Fluorophenol  
Concen: 152.942 ng  
RT: 5.546 min Scan# 384  
Delta R.T. 0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Tgt Ion:112 Resp: 2506097  
Ion Ratio Lower Upper  
112 100  
64 53.3 43.0 64.4  
63 27.7 22.9 34.3

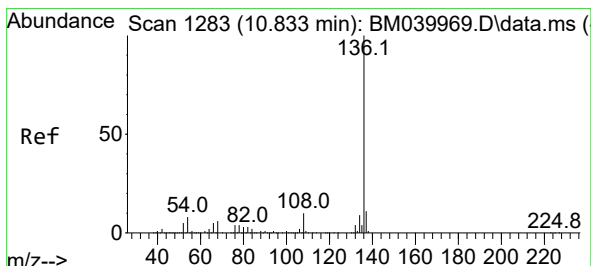
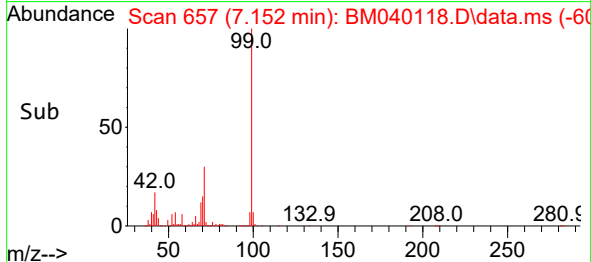
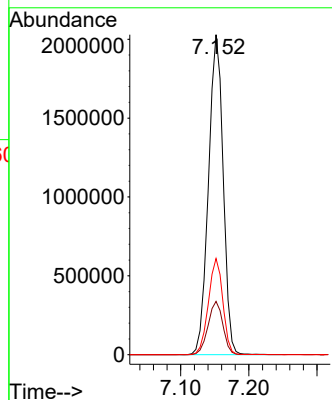
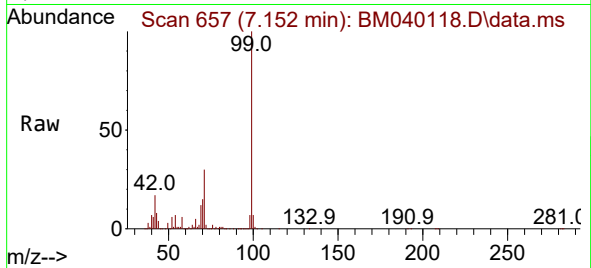




#7  
Phenol-d6  
Concen: 142.326 ng  
RT: 7.152 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

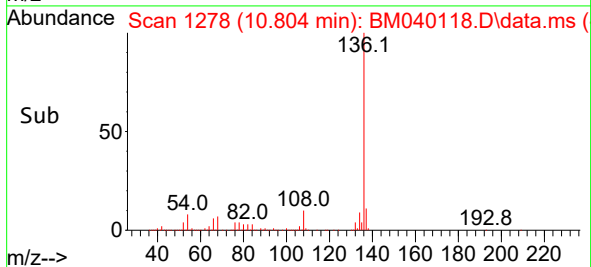
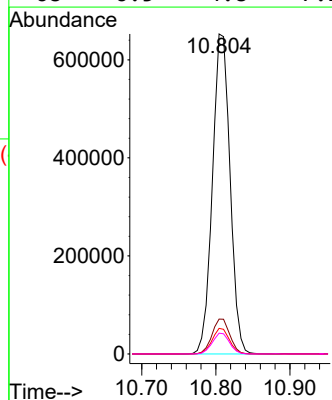
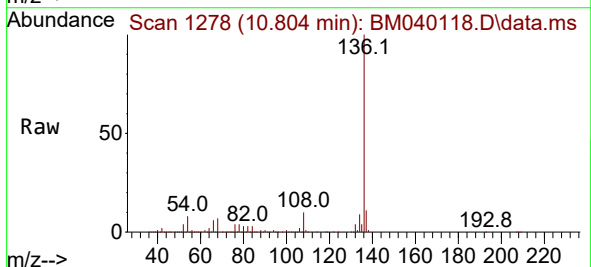
Instrument :  
BNA\_M  
ClientSampleId :  
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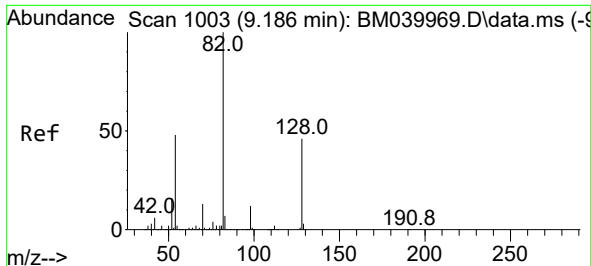
Tgt Ion: 99 Resp: 3042209  
Ion Ratio Lower Upper  
99 100  
42 16.7 13.8 20.6  
71 30.0 24.4 36.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.804 min Scan# 1278  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Tgt Ion: 136 Resp: 1078430  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.7 13.1  
54 8.0 6.1 9.1  
68 6.5 4.8 7.2

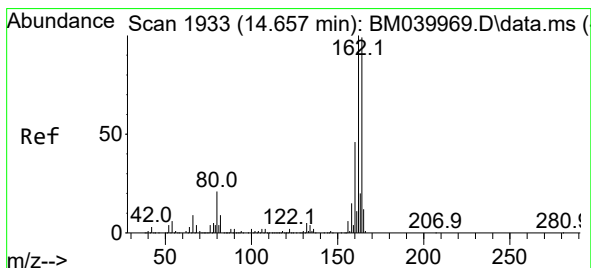
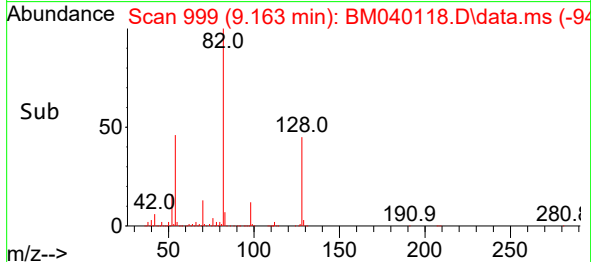
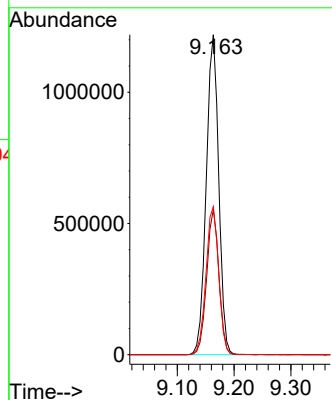
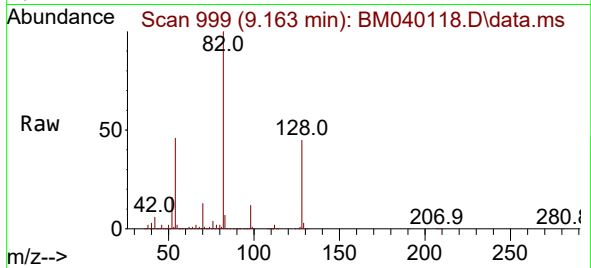




#23  
Nitrobenzene-d5  
Concen: 92.580 ng  
RT: 9.163 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

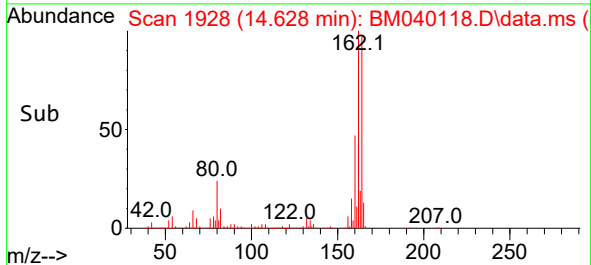
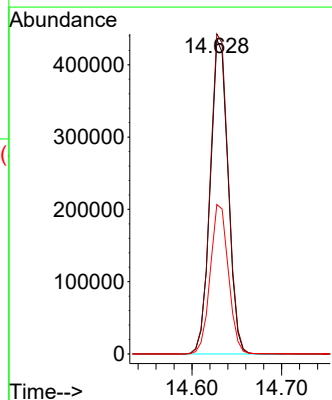
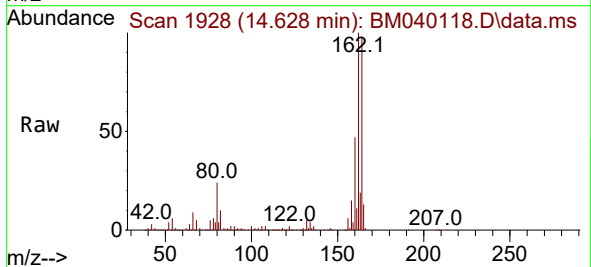
Instrument :  
BNA\_M  
ClientSampleId :  
278

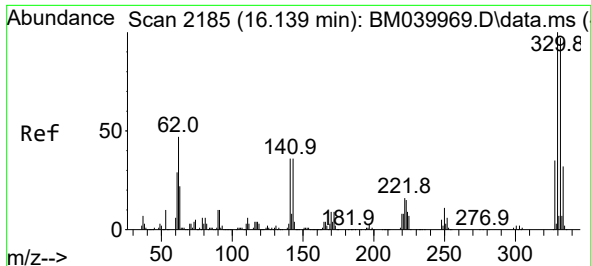
Tgt Ion: 82 Resp: 1850283  
Ion Ratio Lower Upper  
82 100  
128 45.4 36.5 54.7  
54 46.2 38.3 57.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.628 min Scan# 1928  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Tgt Ion:164 Resp: 600336  
Ion Ratio Lower Upper  
164 100  
162 101.7 80.6 120.8  
160 47.5 36.7 55.1

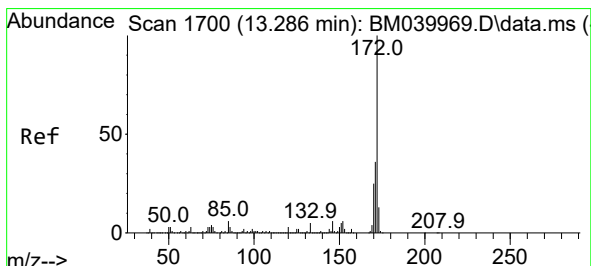
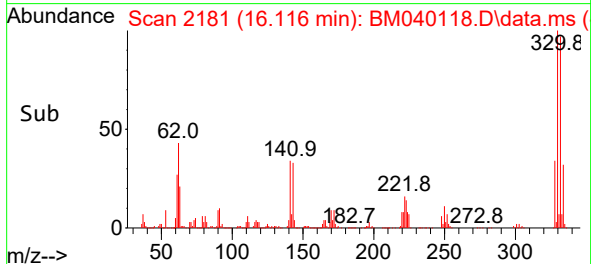
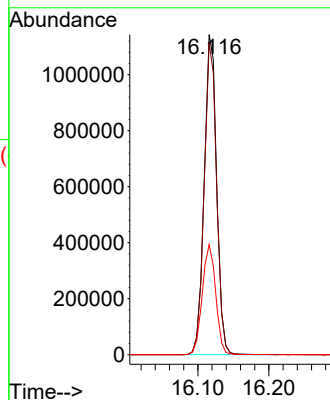
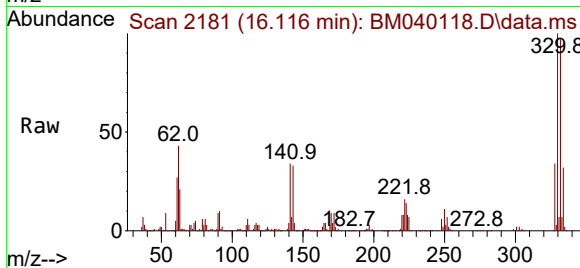




#42  
2,4,6-Tribromophenol  
Concen: 179.266 ng  
RT: 16.116 min Scan# 2185  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

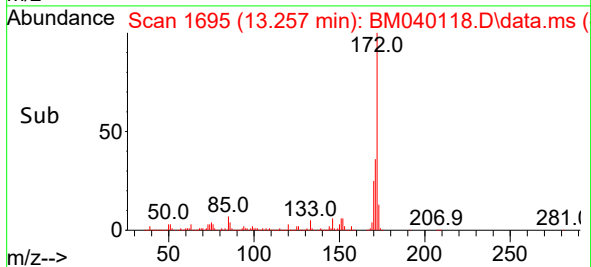
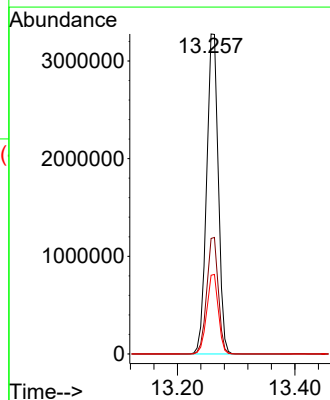
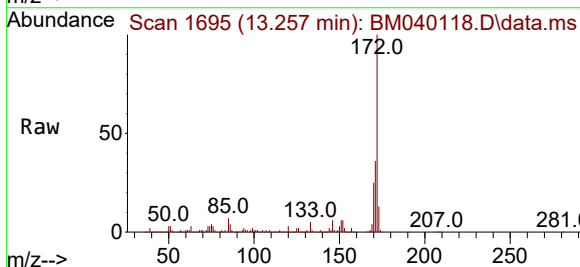
Instrument :  
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ClientSampleId :  
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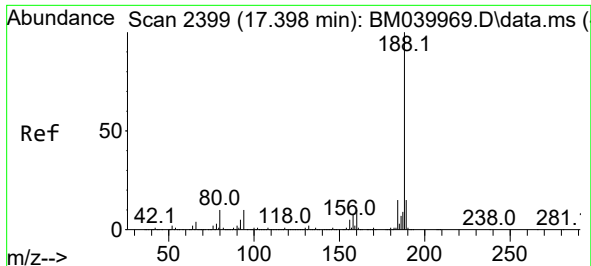
Tgt Ion:330 Resp: 1396819  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.4 116.2  
141 37.1 31.6 47.4



#45  
2-Fluorobiphenyl  
Concen: 88.334 ng  
RT: 13.257 min Scan# 1695  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Tgt Ion:172 Resp: 4496020  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.8 43.2  
170 24.6 19.6 29.4

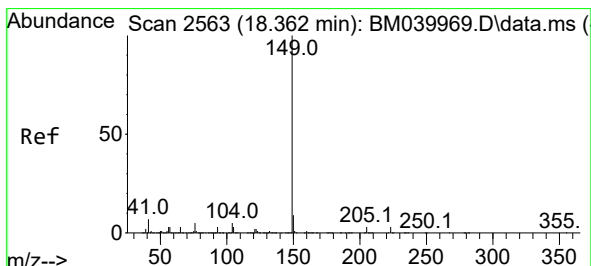
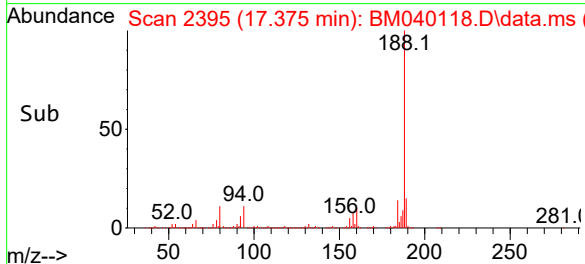
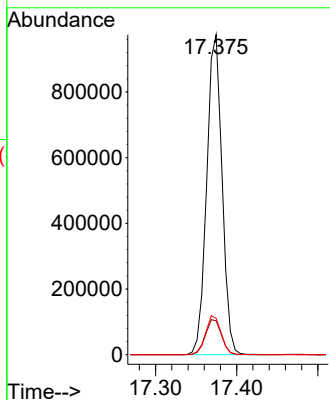
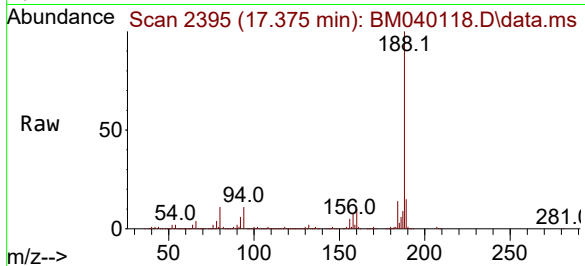




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.375 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

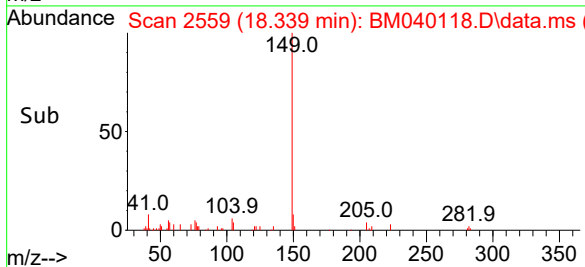
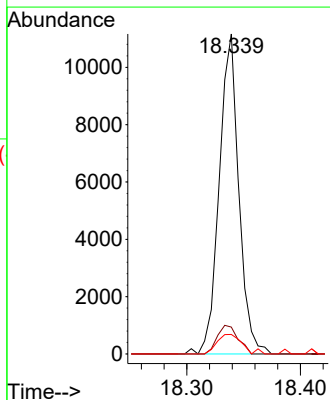
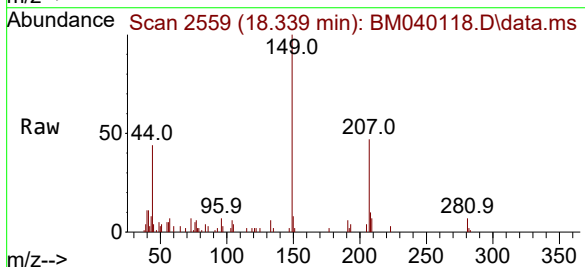
Instrument :  
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ClientSampleId :  
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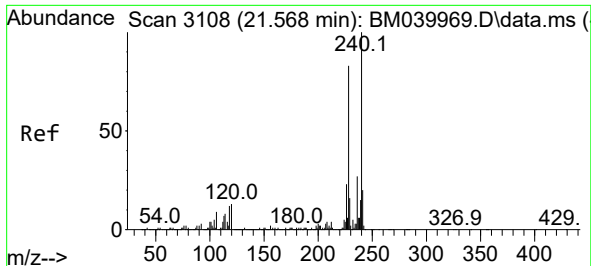
Tgt Ion:188 Resp: 1275853  
Ion Ratio Lower Upper  
188 100  
94 10.6 7.8 11.8  
80 11.4 8.2 12.4



#74  
Di-n-butylphthalate  
Concen: 3.804 ng  
RT: 18.339 min Scan# 2559  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Tgt Ion:149 Resp: 13398  
Ion Ratio Lower Upper  
149 100  
150 8.4 7.4 11.2  
104 6.1 4.2 6.2

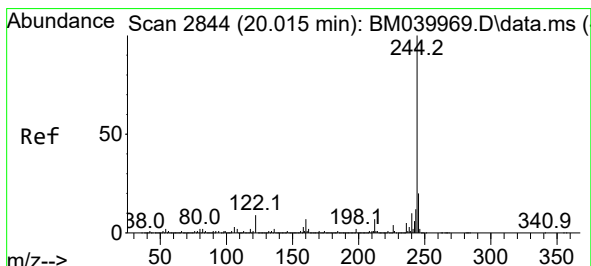
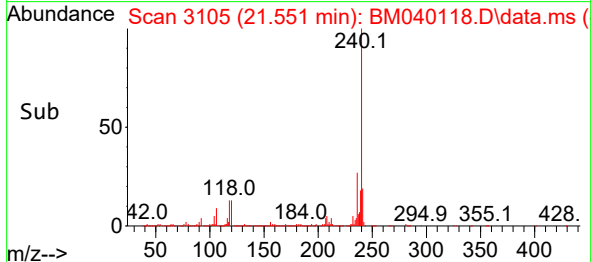
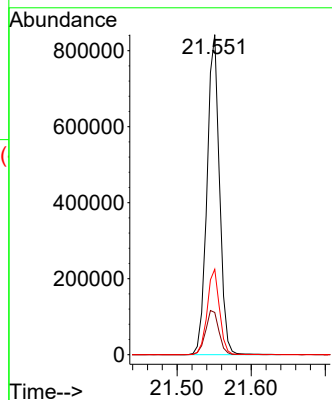
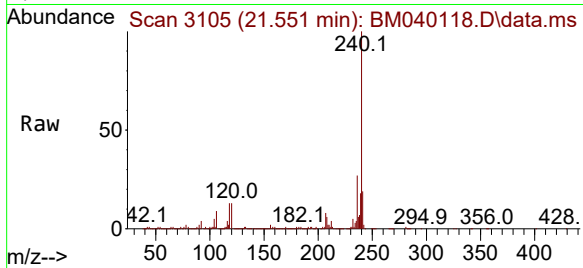




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.551 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

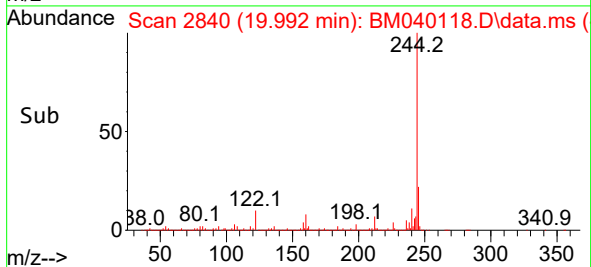
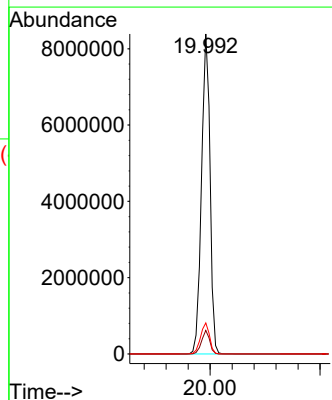
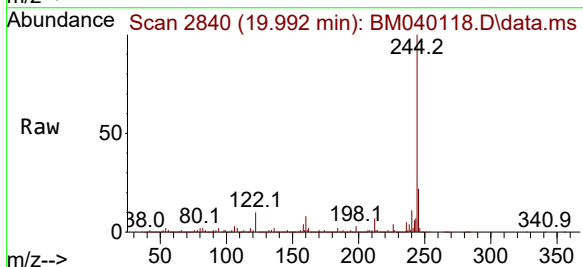
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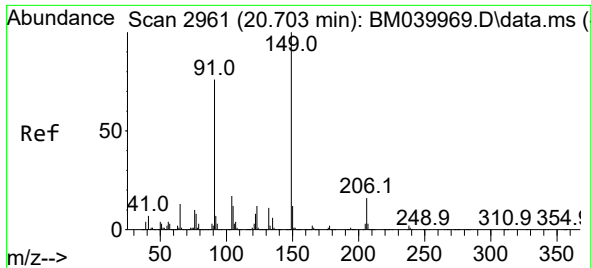
Tgt Ion:240 Resp: 982959  
Ion Ratio Lower Upper  
240 100  
120 13.2 10.1 15.1  
236 26.7 21.3 31.9



#79  
Terphenyl-d14  
Concen: 142.793 ng  
RT: 19.992 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Tgt Ion:244 Resp: 9039698  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.4 8.0  
122 9.7 7.1 10.7

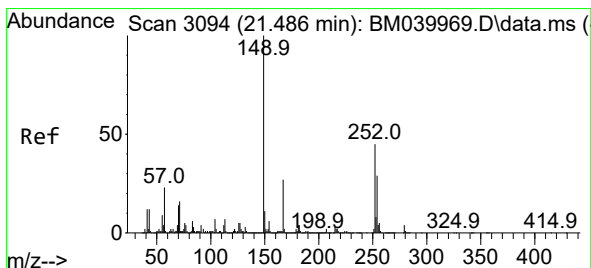
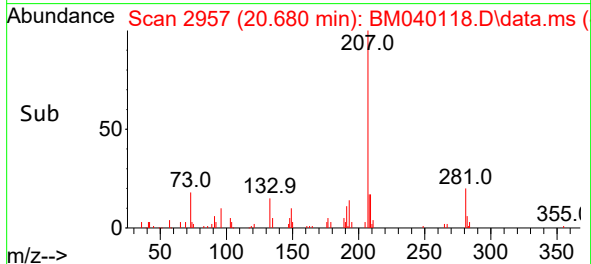
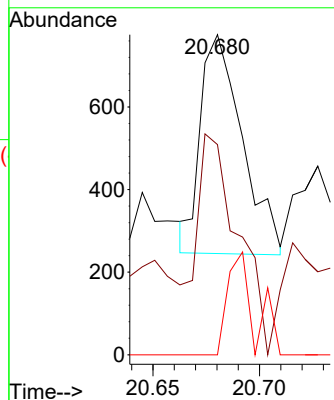
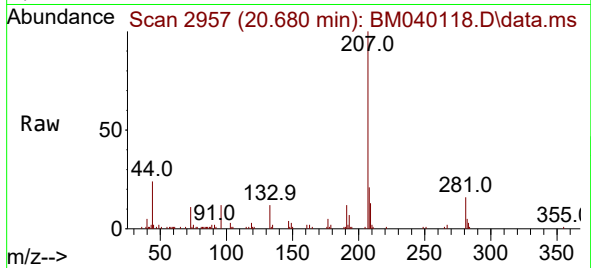




#80  
Butylbenzylphthalate  
Concen: 4.854 ng  
RT: 20.680 min Scan# 2961  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

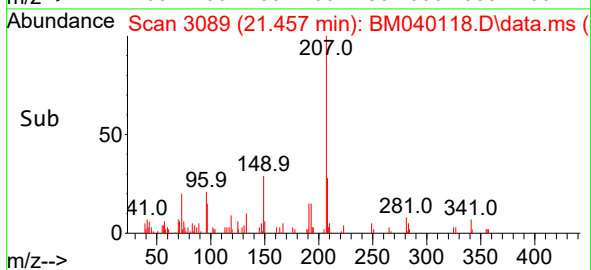
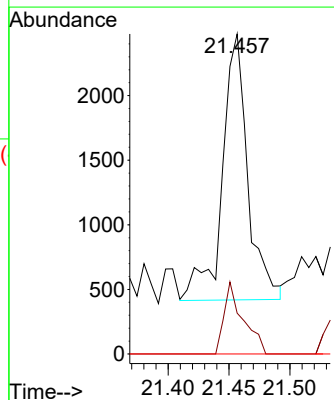
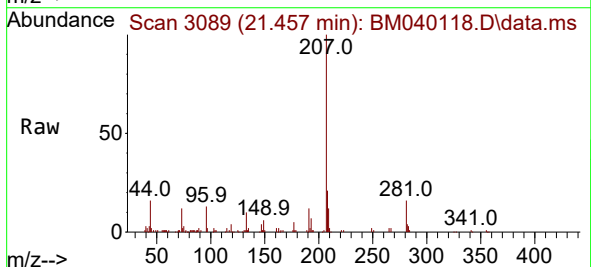
Instrument :  
BNA\_M  
ClientSampleId :  
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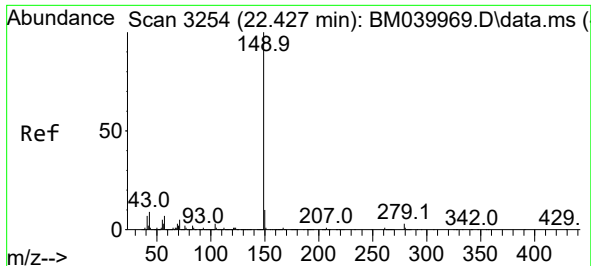
Tgt Ion:149 Resp: 720  
Ion Ratio Lower Upper  
149 100  
91 65.7 61.0 91.4  
206 0.0 12.7 19.1#



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.661 ng  
RT: 21.457 min Scan# 3089  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Tgt Ion:149 Resp: 3008  
Ion Ratio Lower Upper  
149 100  
167 12.8 21.4 32.2#  
279 0.0 3.3 4.9#

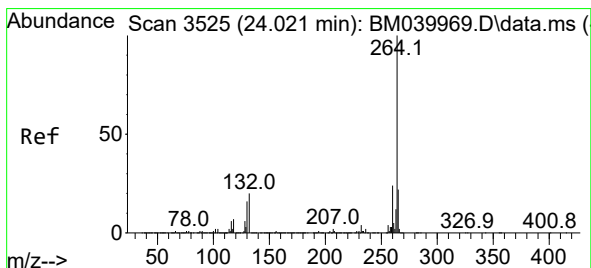
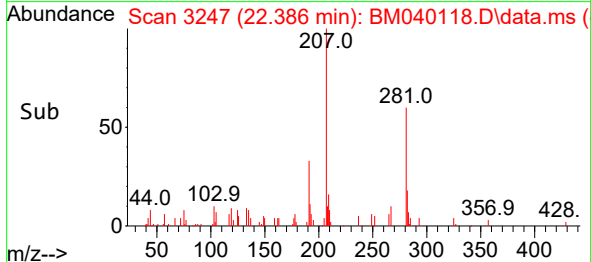
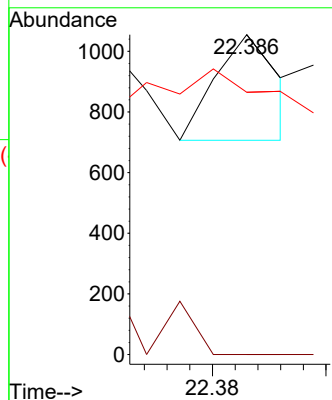
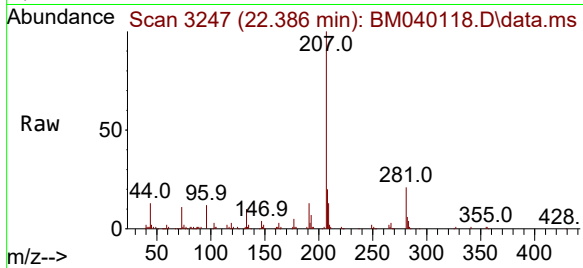




#85  
Di-n-octyl phthalate  
Concen: 6.616 ng  
RT: 22.386 min Scan# 31  
Delta R.T. -0.018 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Instrument :  
BNA\_M  
ClientSampleId :  
278

Tgt Ion:149 Resp: 267  
Ion Ratio Lower Upper  
149 100  
167 0.0 1.1 1.7#  
43 205.6 7.4 11.0#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.986 min Scan# 3519  
Delta R.T. -0.006 min  
Lab File: BM040118.D  
Acq: 06 Jun 2023 23:51

Tgt Ion:264 Resp: 907177  
Ion Ratio Lower Upper  
264 100  
260 22.9 19.5 29.3  
265 22.1 17.7 26.5

