

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080923\  
 Data File : BM041349.D  
 Acq On : 09 Aug 2023 21:02  
 Operator : MA/JU  
 Sample : 03919-05  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 TP-36

Quant Time: Aug 10 03:28:37 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM072823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 09 12:20:12 2023  
 Response via : Initial Calibration

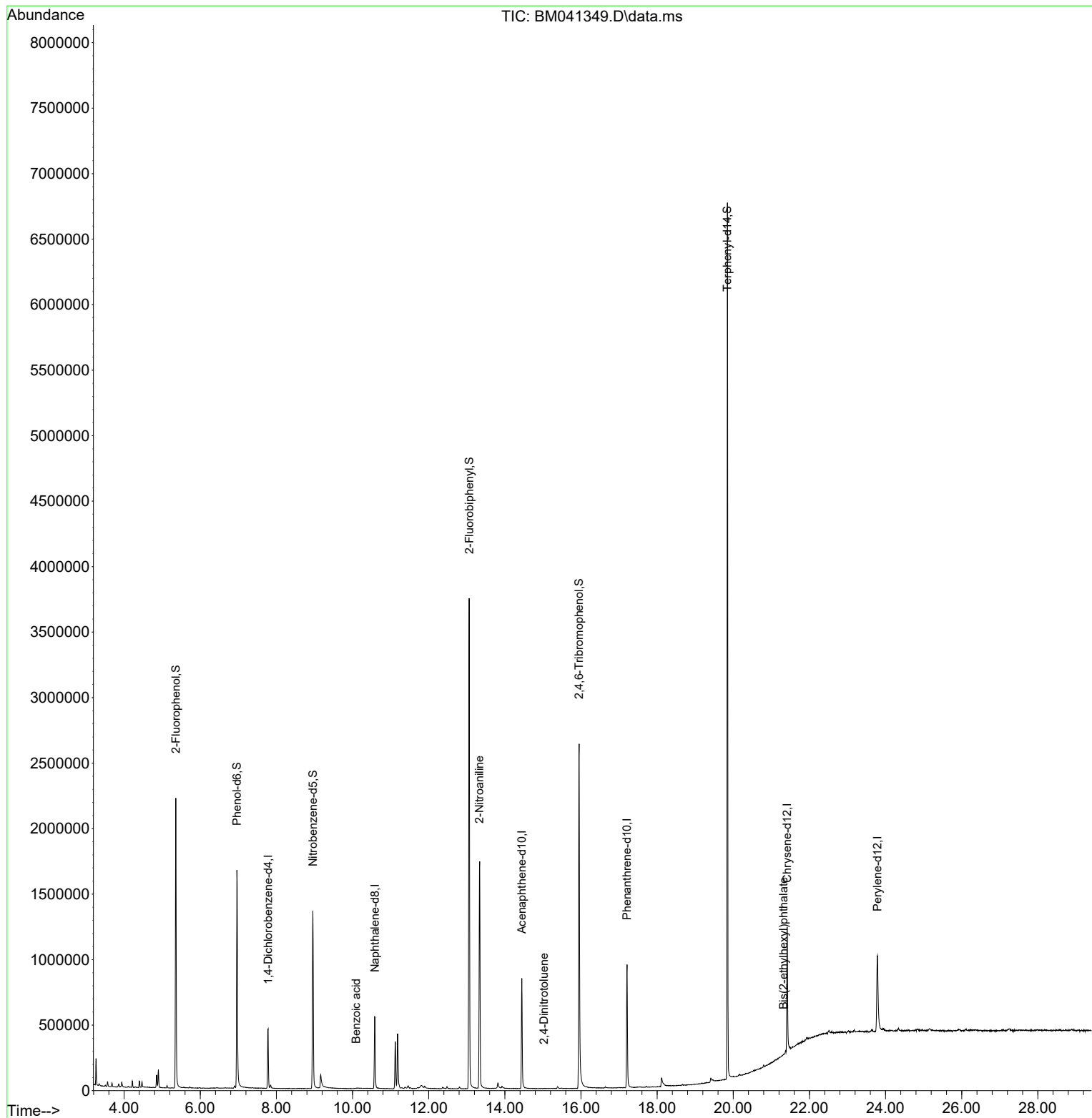
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.781  | 152  | 118493   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.587 | 136  | 458926   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.445 | 164  | 289945   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.210 | 188  | 619604   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.416 | 240  | 514582   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 23.786 | 264  | 571164   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.358  | 112  | 884479   | 111.562 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.963  | 99   | 985134   | 95.860  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 8.957  | 82   | 792882   | 80.345  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 15.951 | 330  | 567677   | 138.420 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.063 | 172  | 1852564  | 80.714  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.845 | 244  | 3078906  | 108.182 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 32) Benzoic acid              | 10.093 | 122  | 2079     | 7.498   | ng    | # 62     |
| 48) 2-Nitroaniline            | 13.334 | 65   | 35663    | 6.366   | ng    | # 15     |
| 57) 2,4-Dinitrotoluene        | 15.028 | 165  | 60       | 2.679   | ng    | # 12     |
| 84) Bis(2-ethylhexyl)phtha... | 21.321 | 149  | 1661     | 2.615   | ng    | # 88     |

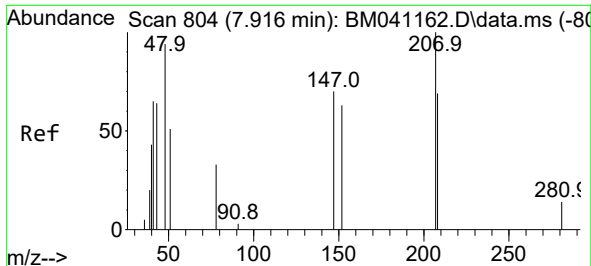
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM080923\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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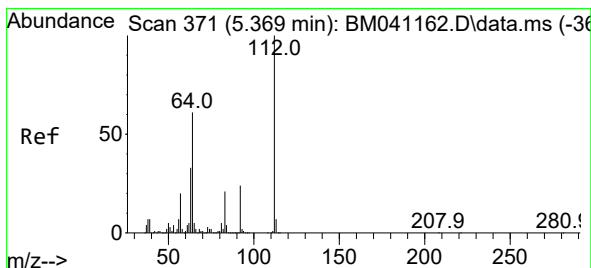
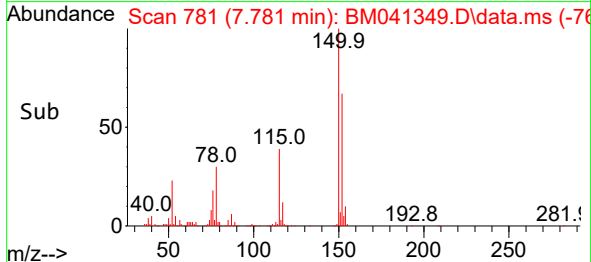
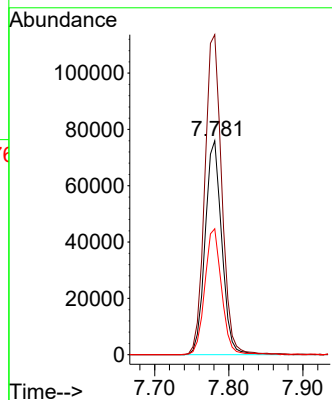
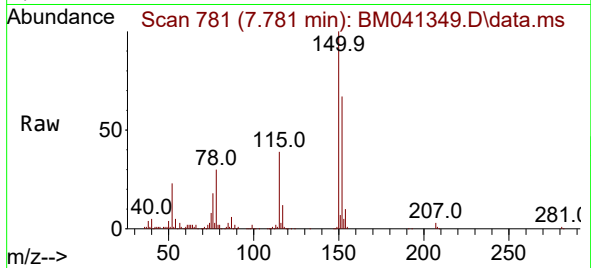




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.781 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

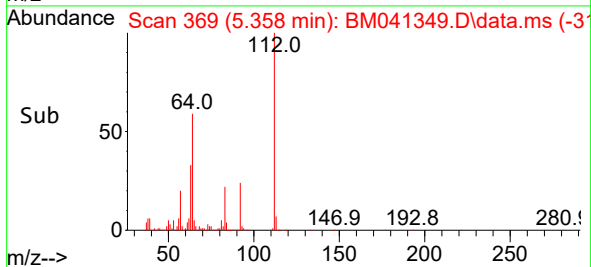
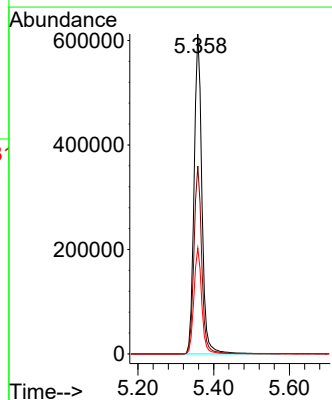
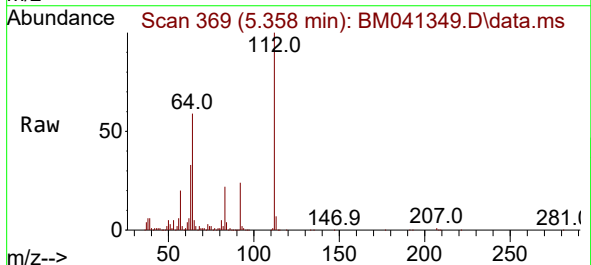
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ClientSampleId :  
TP-36

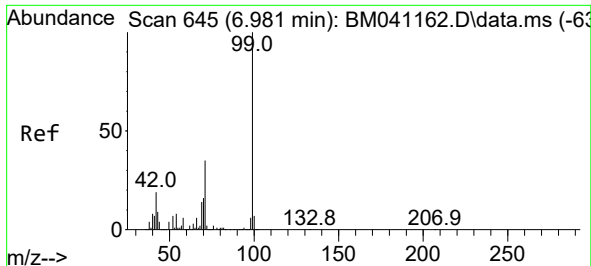
Tgt Ion:152 Resp: 118493  
Ion Ratio Lower Upper  
152 100  
150 149.5 125.5 188.3  
115 58.8 48.0 72.0



#5  
2-Fluorophenol  
Concen: 111.562 ng  
RT: 5.358 min Scan# 369  
Delta R.T. 0.000 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

Tgt Ion:112 Resp: 884479  
Ion Ratio Lower Upper  
112 100  
64 58.7 48.5 72.7  
63 33.1 26.5 39.7

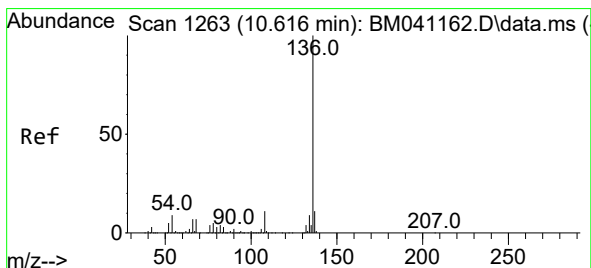
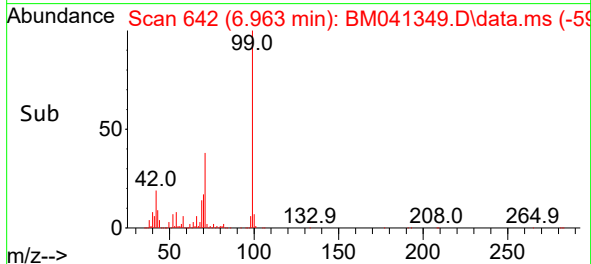
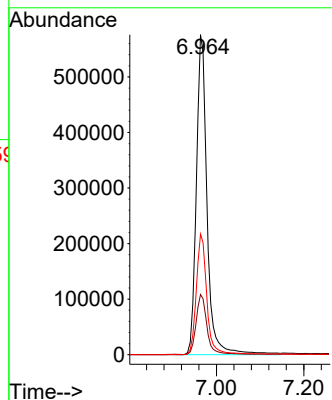
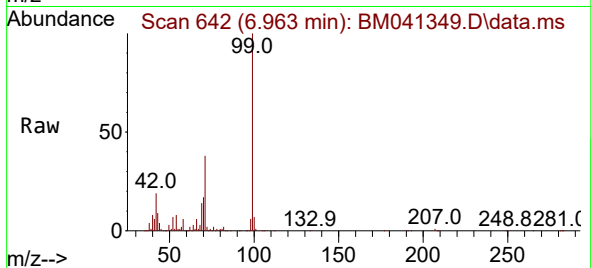




#7  
Phenol-d6  
Concen: 95.860 ng  
RT: 6.963 min Scan# 64  
Delta R.T. -0.006 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

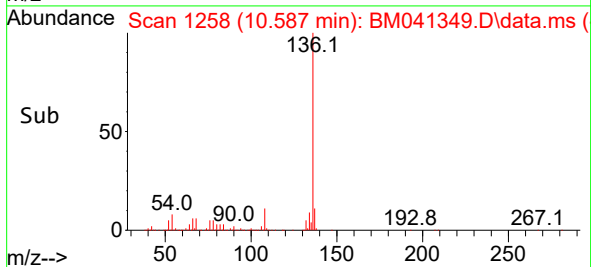
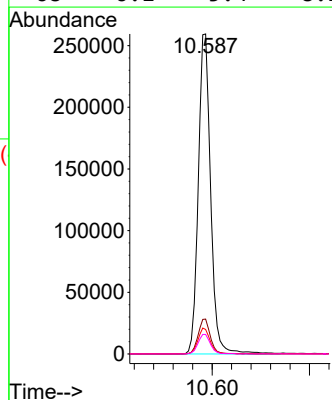
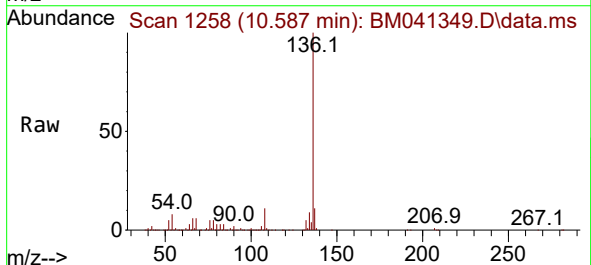
Instrument :  
BNA\_M  
ClientSampleId :  
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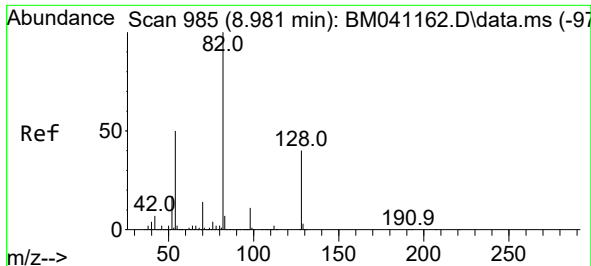
Tgt Ion: 99 Resp: 985134  
Ion Ratio Lower Upper  
99 100  
42 18.8 15.4 23.0  
71 37.7 28.2 42.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.587 min Scan# 1258  
Delta R.T. 0.000 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

Tgt Ion:136 Resp: 458926  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.8 13.2  
54 7.7 6.9 10.3  
68 6.1 5.4 8.2

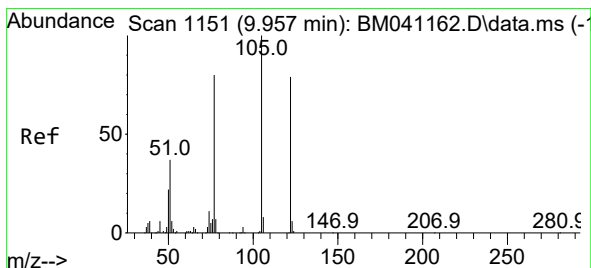
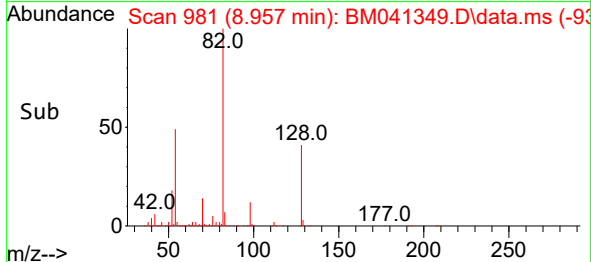
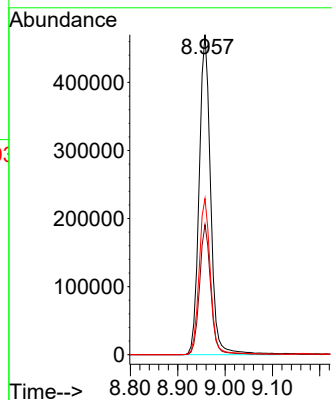
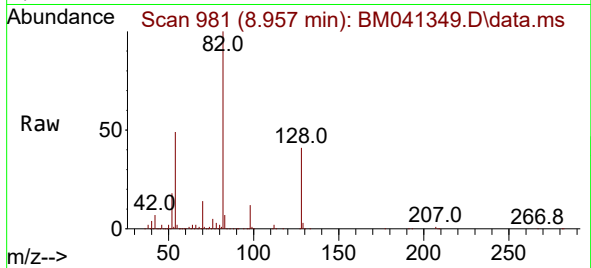




#23  
Nitrobenzene-d5  
Concen: 80.345 ng  
RT: 8.957 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

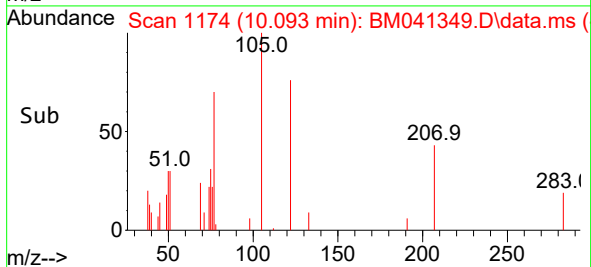
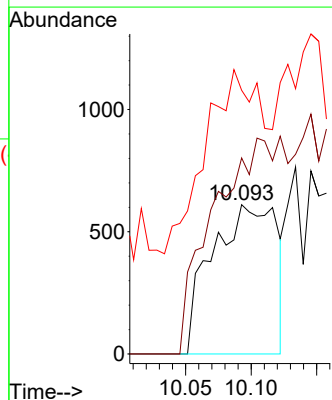
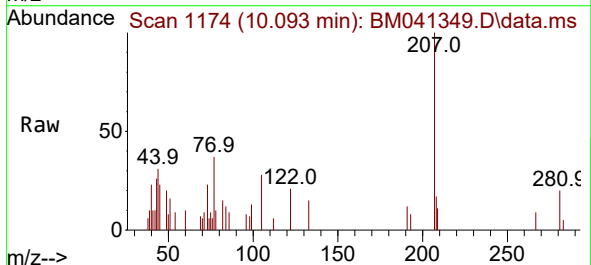
Instrument :  
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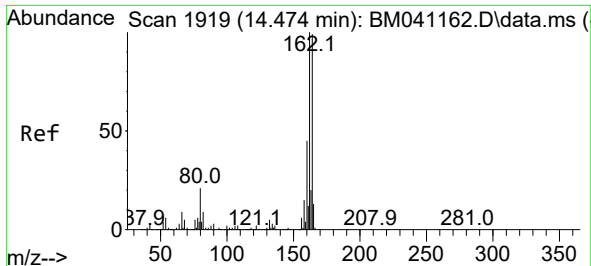
Tgt Ion: 82 Resp: 792882  
Ion Ratio Lower Upper  
82 100  
128 40.7 31.8 47.6  
54 48.8 40.1 60.1



#32  
Benzoic acid  
Concen: 7.498 ng  
RT: 10.093 min Scan# 1174  
Delta R.T. 0.136 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

Tgt Ion: 122 Resp: 2079  
Ion Ratio Lower Upper  
122 100  
105 131.3 104.0 144.0  
77 176.6 79.9 119.9#

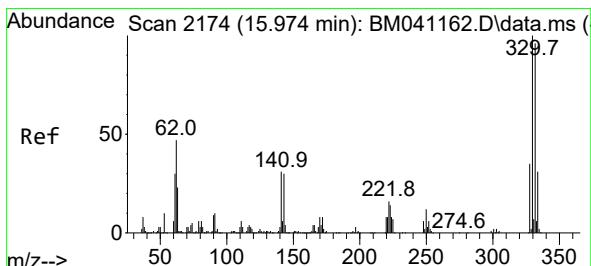
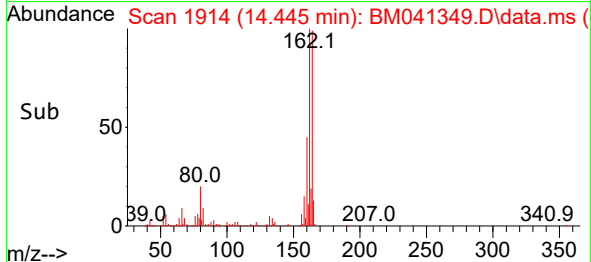
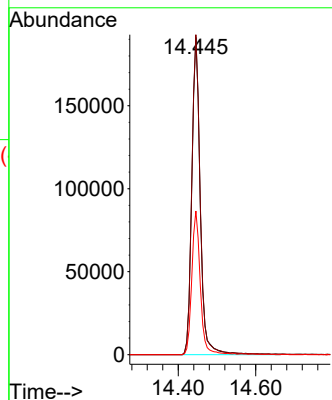
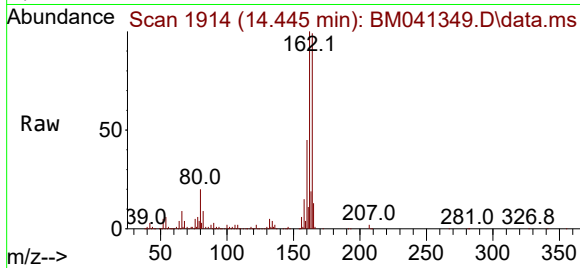




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.445 min Scan# 1919  
Delta R.T. 0.000 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

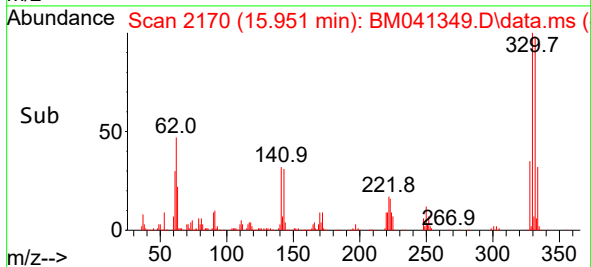
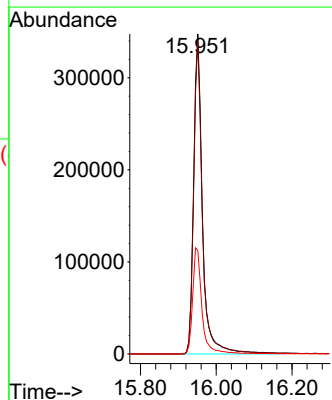
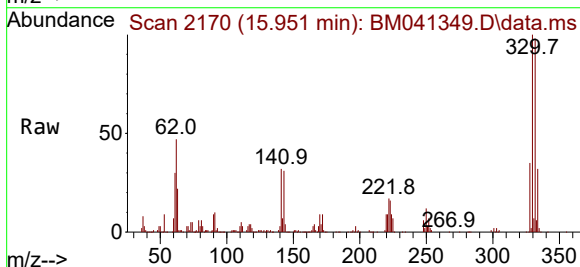
Instrument :  
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ClientSampleId :  
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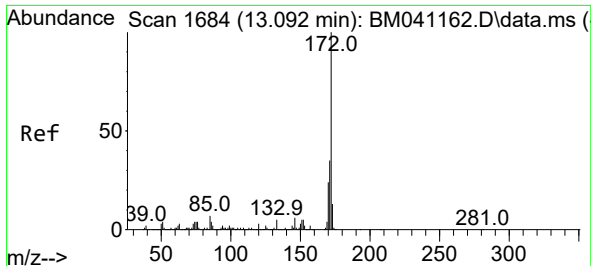
Tgt Ion:164 Resp: 289945  
Ion Ratio Lower Upper  
164 100  
162 100.9 80.4 120.6  
160 45.3 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 138.420 ng  
RT: 15.951 min Scan# 2170  
Delta R.T. 0.000 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

Tgt Ion:330 Resp: 567677  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.7 116.5  
141 34.9 28.3 42.5

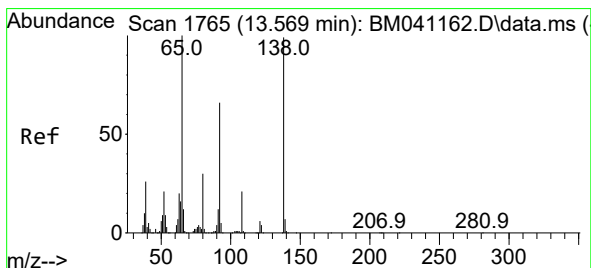
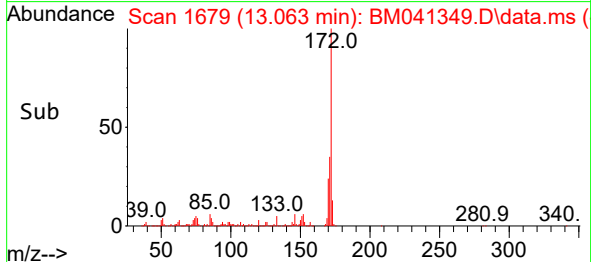
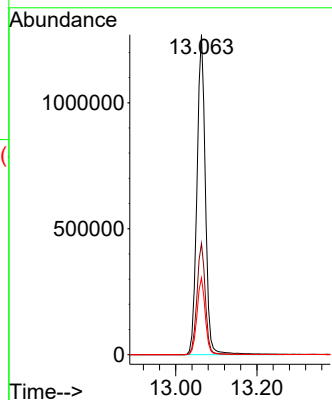
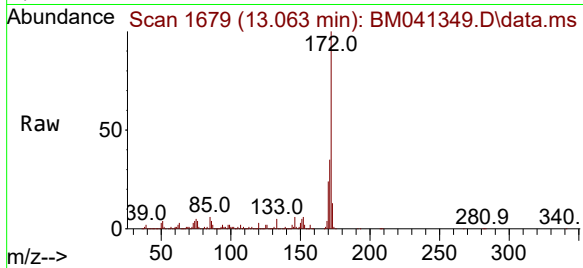




#45  
2-Fluorobiphenyl  
Concen: 80.714 ng  
RT: 13.063 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

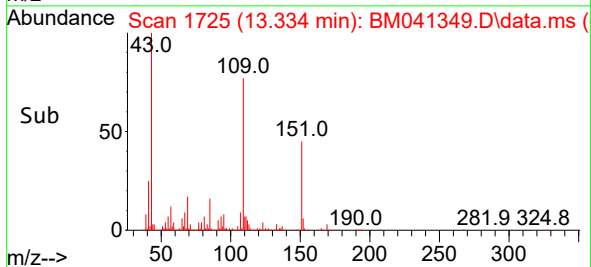
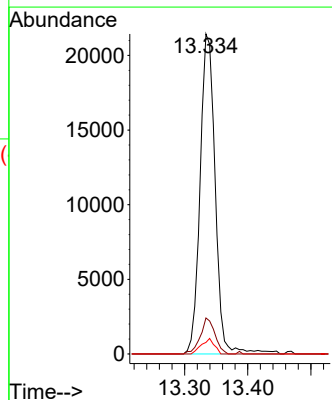
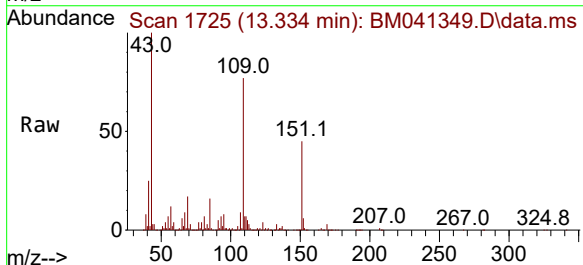
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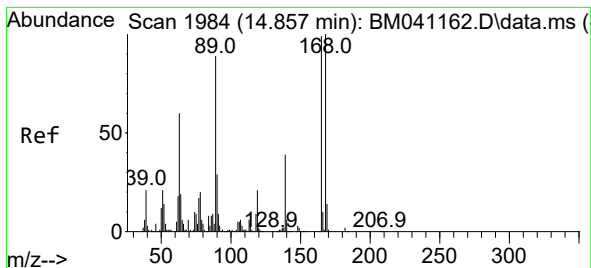
Tgt Ion:172 Resp: 1852564  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.1 42.1  
170 24.0 18.9 28.3



#48  
2-Nitroaniline  
Concen: 6.366 ng  
RT: 13.334 min Scan# 1725  
Delta R.T. -0.211 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

Tgt Ion: 65 Resp: 35663  
Ion Ratio Lower Upper  
65 100  
92 11.3 53.0 79.4#  
138 3.6 79.1 118.7#





#57

2,4-Dinitrotoluene

Concen: 2.679 ng

RT: 15.028 min Scan# 20

Delta R.T. 0.183 min

Lab File: BM041349.D

Acq: 09 Aug 2023 21:02

Instrument :

BNA\_M

ClientSampleId :

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Tgt Ion:165 Resp: 60

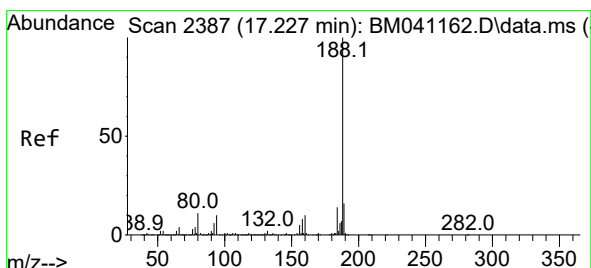
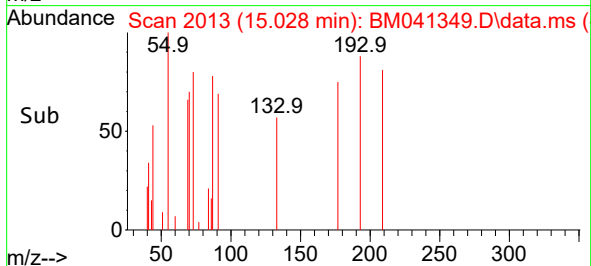
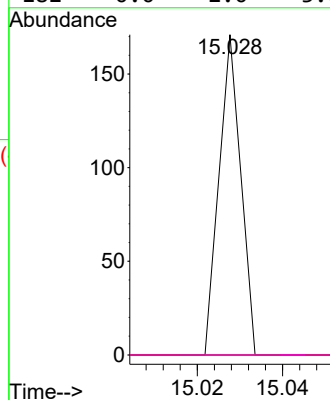
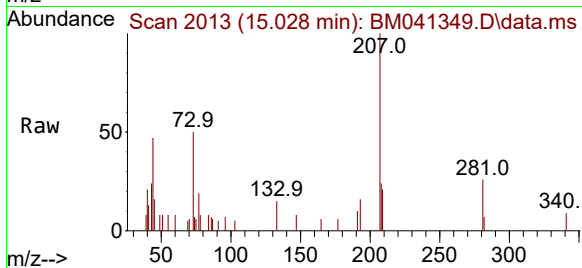
Ion Ratio Lower Upper

165 100

63 0.0 48.3 72.5#

89 0.0 71.8 107.8#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2384

Delta R.T. 0.000 min

Lab File: BM041349.D

Acq: 09 Aug 2023 21:02

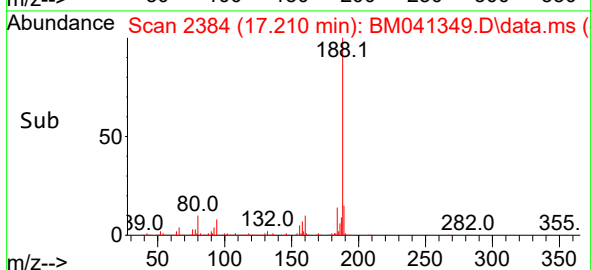
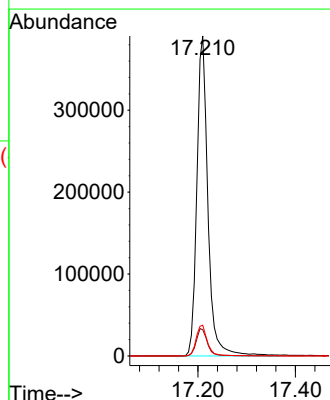
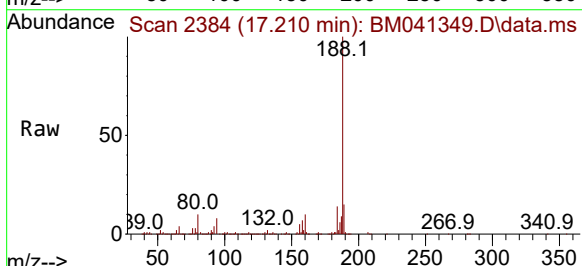
Tgt Ion:188 Resp: 619604

Ion Ratio Lower Upper

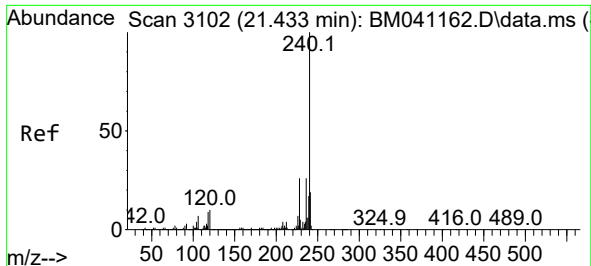
188 100

94 8.2 8.2 12.2

80 9.6 8.6 13.0



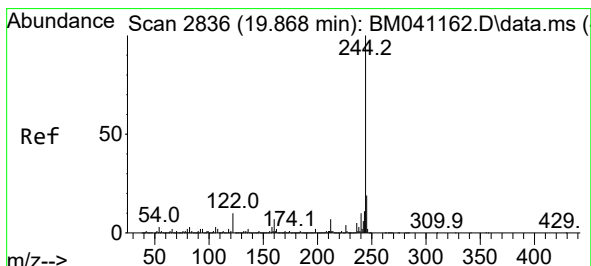
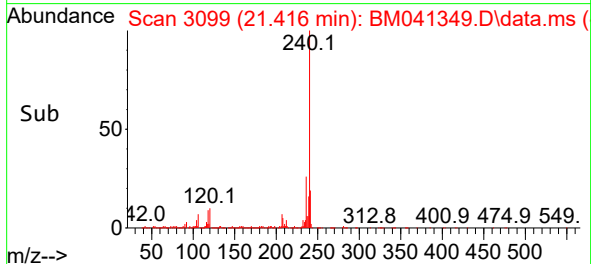
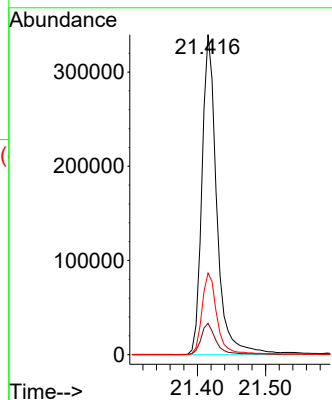
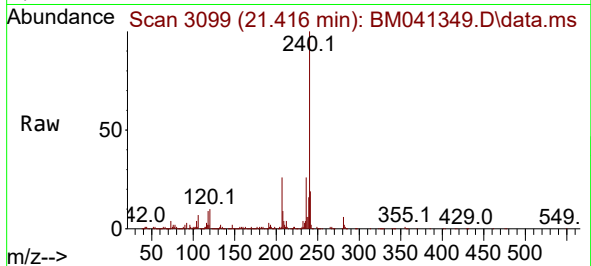




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.416 min Scan# 30  
Delta R.T. 0.000 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

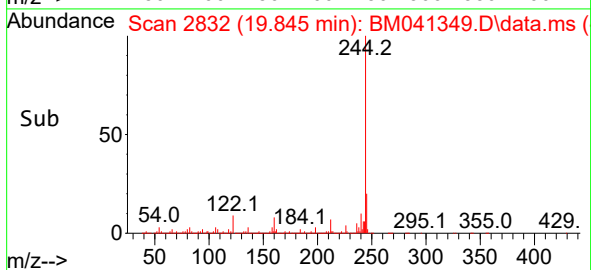
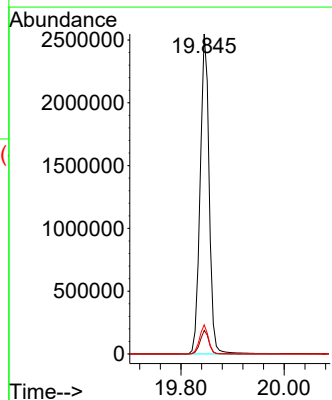
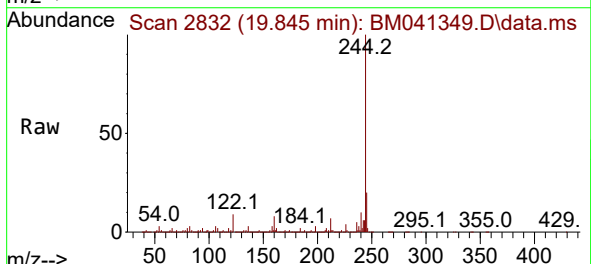
Instrument :  
BNA\_M  
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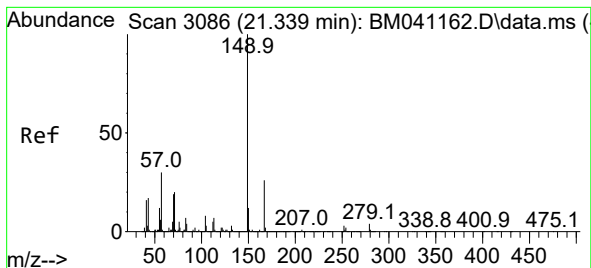
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Ion Ratio Lower Upper  
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120 9.8 8.3 12.5  
236 25.5 20.6 30.8



#79  
Terphenyl-d14  
Concen: 108.182 ng  
RT: 19.845 min Scan# 2832  
Delta R.T. -0.006 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

Tgt Ion:244 Resp: 3078906  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.4 8.2  
122 9.1 7.8 11.6

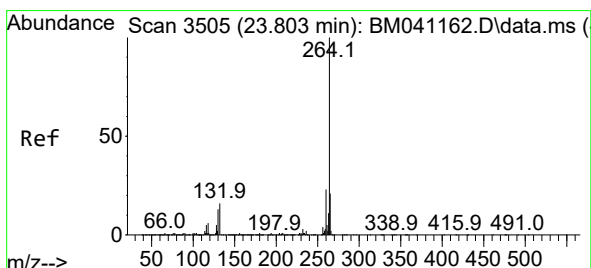
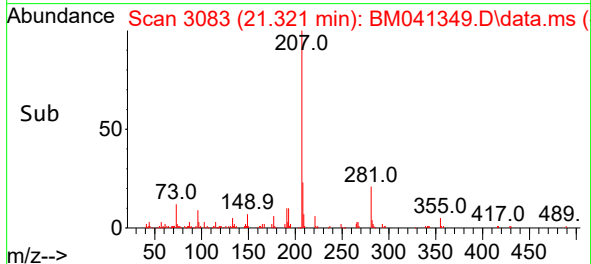
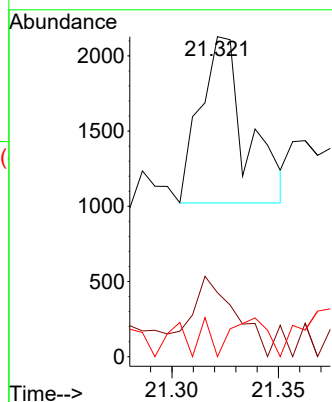
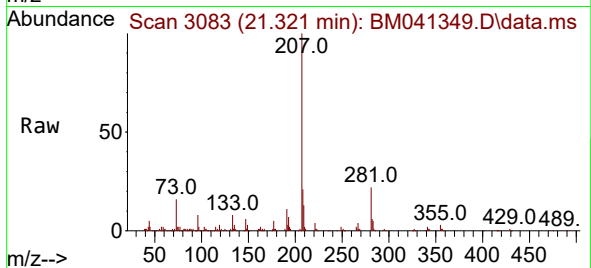




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 2.615 ng  
RT: 21.321 min Scan# 3083  
Delta R.T. 0.000 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

Instrument :  
BNA\_M  
ClientSampleId :  
TP-36

Tgt Ion:149 Resp: 1661  
Ion Ratio Lower Upper  
149 100  
167 20.0 21.0 31.6#  
279 0.0 3.1 4.7#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.786 min Scan# 3502  
Delta R.T. 0.006 min  
Lab File: BM041349.D  
Acq: 09 Aug 2023 21:02

Tgt Ion:264 Resp: 571164  
Ion Ratio Lower Upper  
264 100  
260 23.5 18.5 27.7  
265 23.9 17.4 26.0

