

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042224\  
 Data File : BG060990.D  
 Acq On : 22 Apr 2024 13:58  
 Operator : MA/JU  
 Sample : P2148-01DL 250X  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 72-11935DL

Quant Time: Apr 23 02:16:24 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Apr 22 04:22:00 2024  
 Response via : Initial Calibration

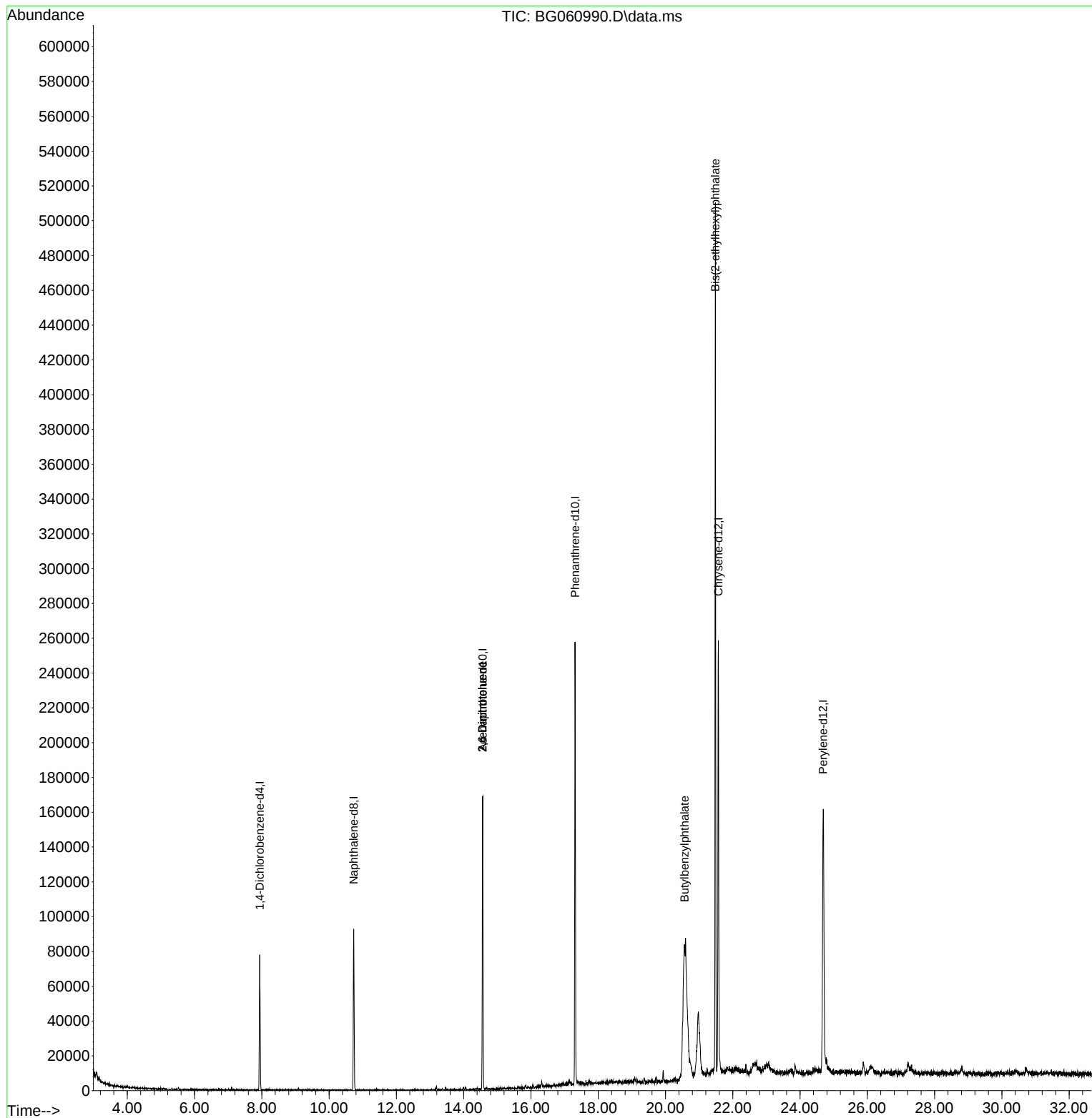
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.941  | 152  | 19221    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.732 | 136  | 73032    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.568 | 164  | 65073    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.312 | 188  | 164498   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 21.572 | 240  | 163671   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 24.686 | 264  | 195637   | 20.000 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.520  | 112  | 350      | 0.368  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.101  | 99   | 655      | 0.465  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.092  | 82   | 517      | 0.318  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.049 | 330  | 500      | 0.350  | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.188 | 172  | 1707     | 0.363  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.933 | 244  | 3764     | 0.357  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 51) 2,6-Dinitrotoluene        | 14.562 | 165  | 8485     | 7.578  | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 14.562 | 165  | 8485     | 5.262  | ng    | # 19     |
| 80) Butylbenzylphthalate      | 20.567 | 149  | 16631    | 4.477  | ng    | # 50     |
| 84) Bis(2-ethylhexyl)phtha... | 21.484 | 149  | 185811   | 34.407 | ng    | 99       |
| -----                         |        |      |          |        |       |          |

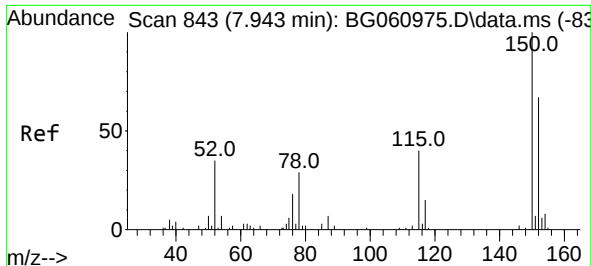
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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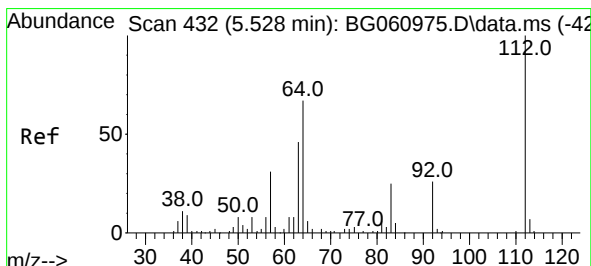
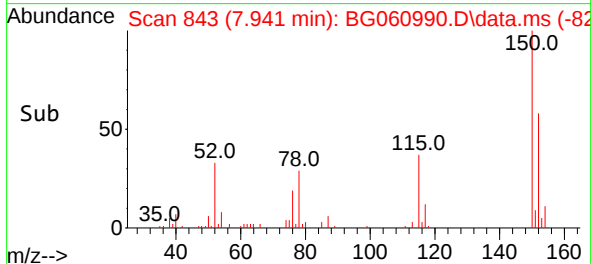
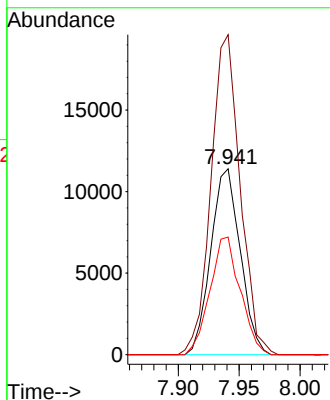
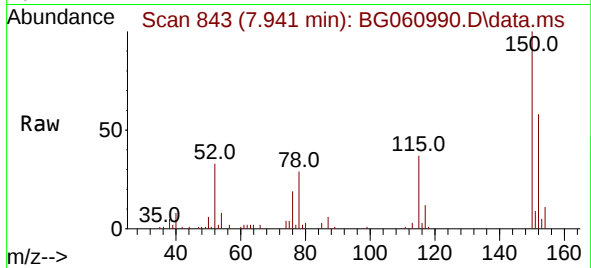




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.941 min Scan# 843  
Delta R.T. -0.002 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

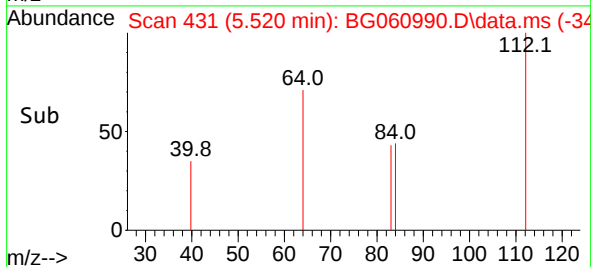
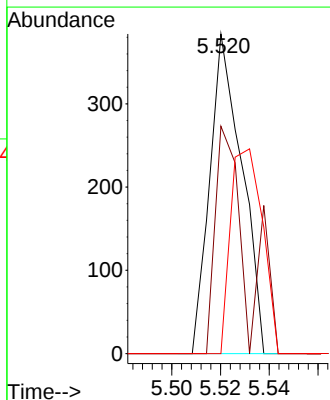
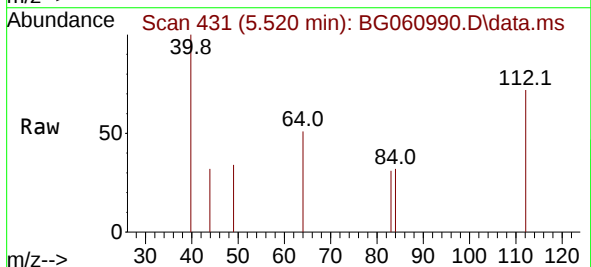
Instrument :  
BNA\_G  
ClientSampleId :  
72-11935DL

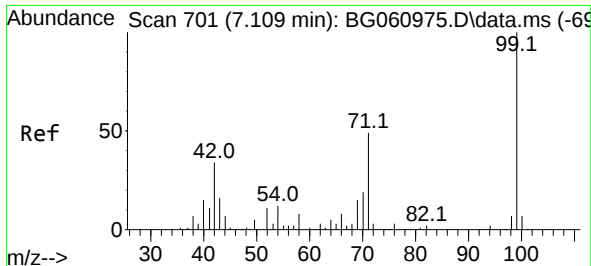
Tgt Ion:152 Resp: 19221  
Ion Ratio Lower Upper  
152 100  
150 172.2 118.6 178.0  
115 63.3 47.4 71.0



#5  
2-Fluorophenol  
Concen: 0.368 ng  
RT: 5.520 min Scan# 431  
Delta R.T. -0.008 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

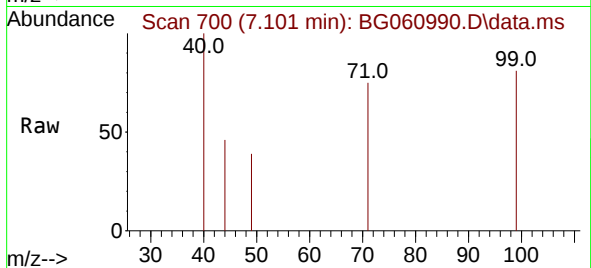
Tgt Ion:112 Resp: 350  
Ion Ratio Lower Upper  
112 100  
64 71.1 53.7 80.5  
63 0.0 37.0 55.6#



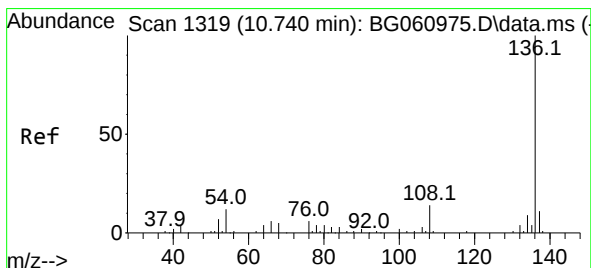
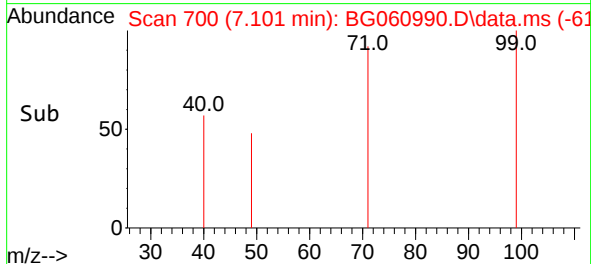
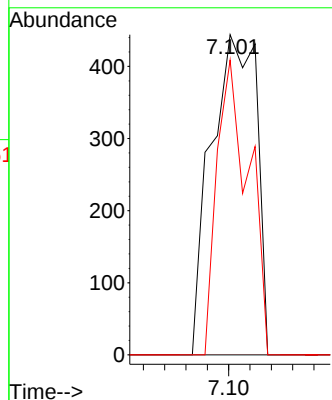


#7  
Phenol-d6  
Concen: 0.465 ng  
RT: 7.101 min Scan# 701  
Delta R.T. -0.008 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

Instrument :  
BNA\_G  
ClientSampleId :  
72-11935DL

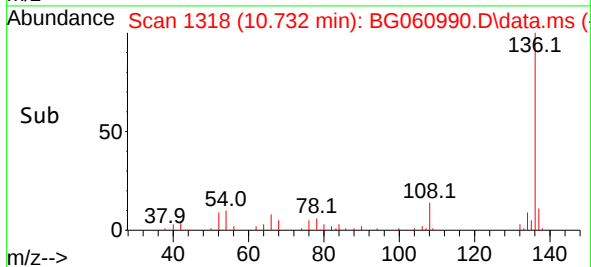
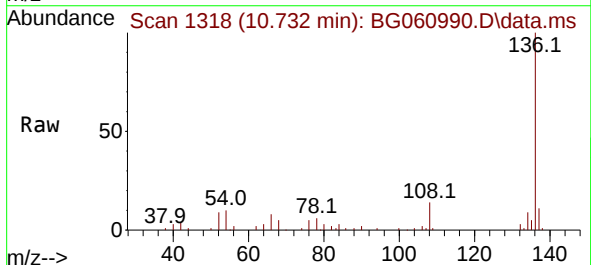
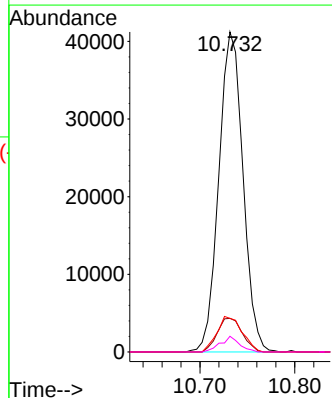


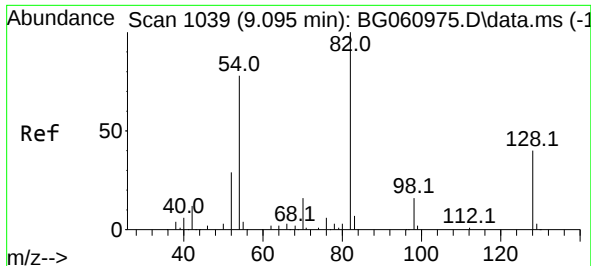
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 655   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 0.0   | 27.2  | 40.8# |
| 71       | 92.1  | 38.8  | 58.2# |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.732 min Scan# 1318  
Delta R.T. -0.008 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 73032 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.5  | 8.5   | 12.7  |
| 54       | 10.5  | 9.4   | 14.0  |
| 68       | 4.9   | 3.8   | 5.6   |





#23

Nitrobenzene-d5

Concen: 0.318 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.002 min

Lab File: BG060990.D

Acq: 22 Apr 2024 13:58

Instrument :

BNA\_G

ClientSampleId :

72-11935DL

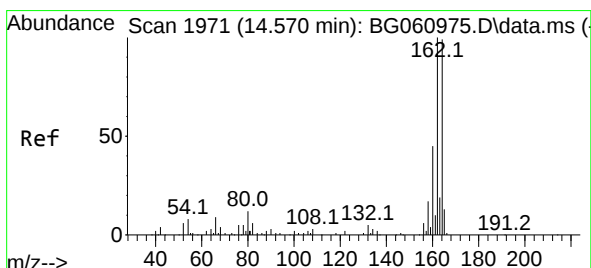
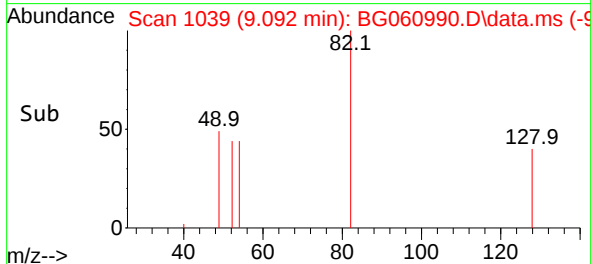
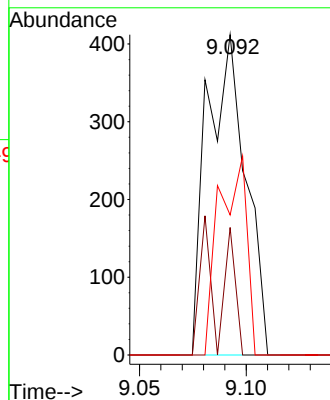
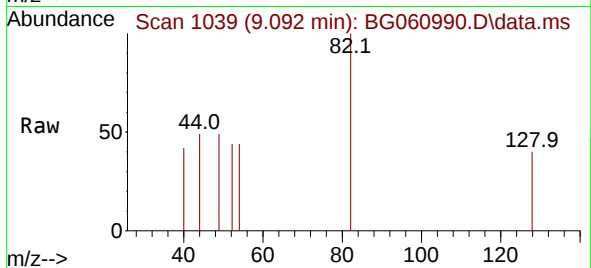
Tgt Ion: 82 Resp: 517

Ion Ratio Lower Upper

82 100

128 39.8 32.1 48.1

54 43.7 62.3 93.5#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.002 min

Lab File: BG060990.D

Acq: 22 Apr 2024 13:58

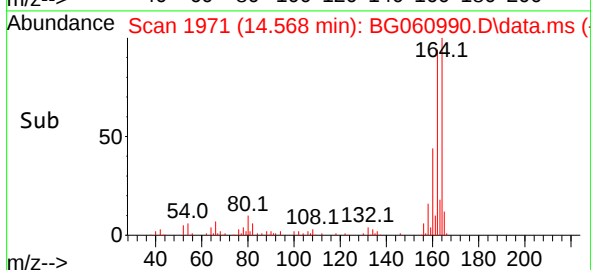
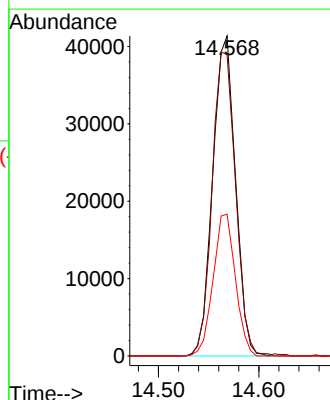
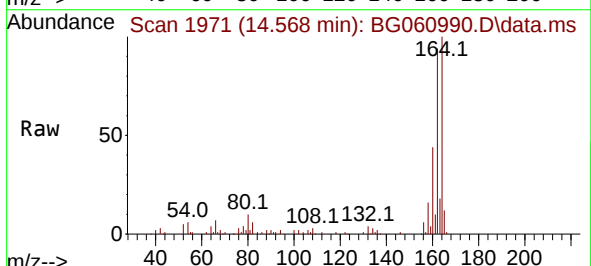
Tgt Ion: 164 Resp: 65073

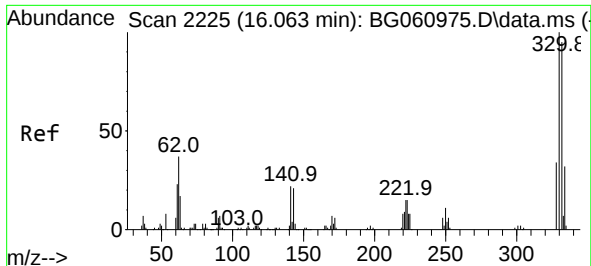
Ion Ratio Lower Upper

164 100

162 94.1 81.2 121.8

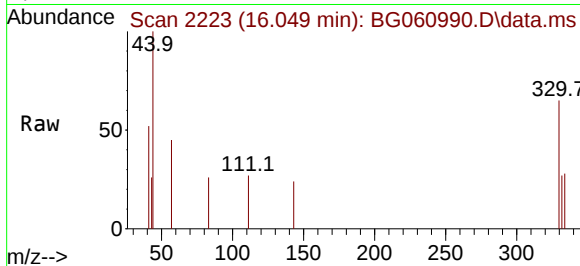
160 44.3 36.2 54.2



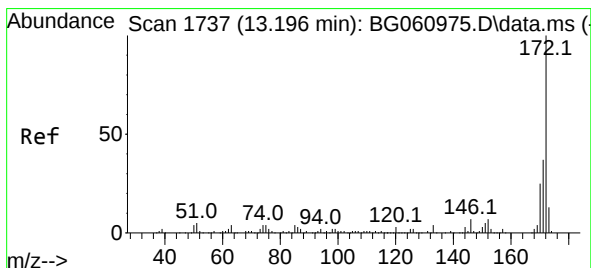
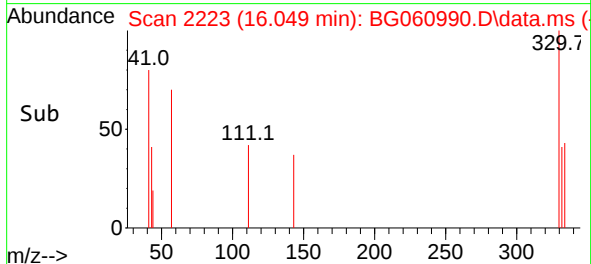
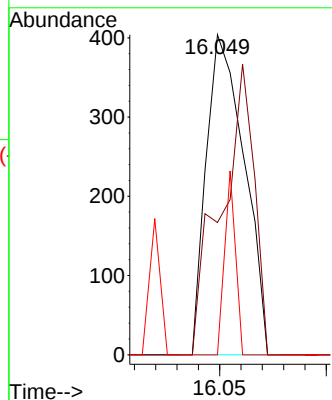


#42  
2,4,6-Tribromophenol  
Concen: 0.350 ng  
RT: 16.049 min Scan# 21  
Delta R.T. -0.014 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

Instrument :  
BNA\_G  
ClientSampleId :  
72-11935DL

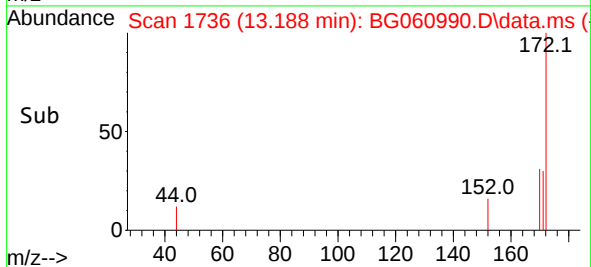
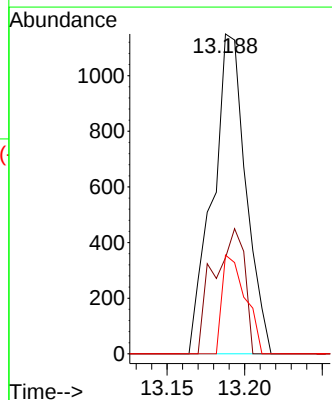
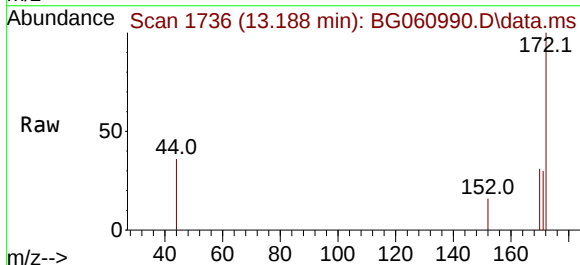


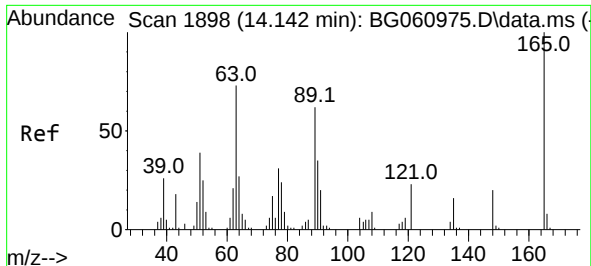
Tgt Ion:330 Resp: 500  
Ion Ratio Lower Upper  
330 100  
332 79.6 77.1 115.7  
141 16.4 20.6 31.0#



#45  
2-Fluorobiphenyl  
Concen: 0.363 ng  
RT: 13.188 min Scan# 1736  
Delta R.T. -0.008 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

Tgt Ion:172 Resp: 1707  
Ion Ratio Lower Upper  
172 100  
171 30.0 29.3 43.9  
170 30.9 20.1 30.1#

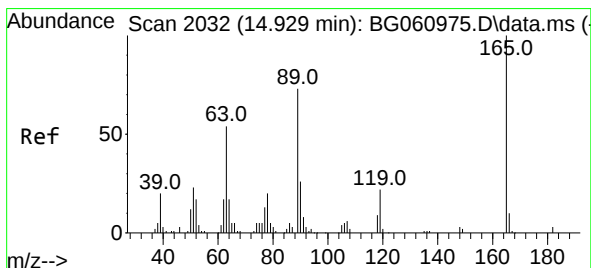
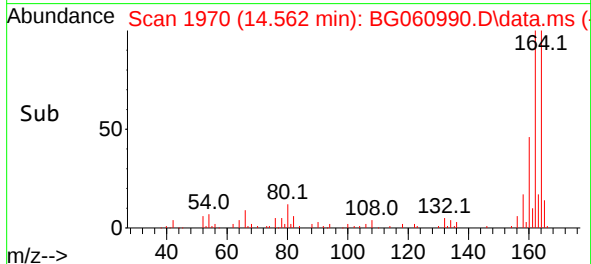
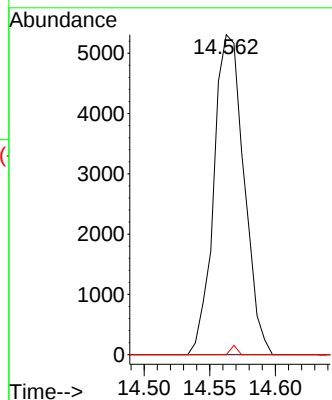
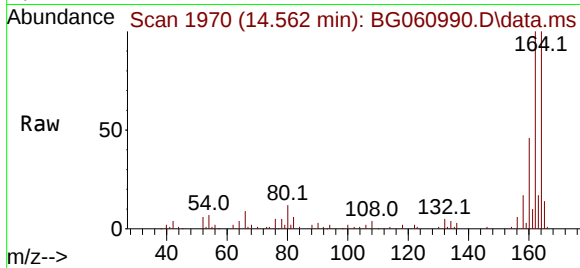




#51  
2,6-Dinitrotoluene  
Concen: 7.578 ng  
RT: 14.562 min Scan# 1970  
Delta R.T. 0.421 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

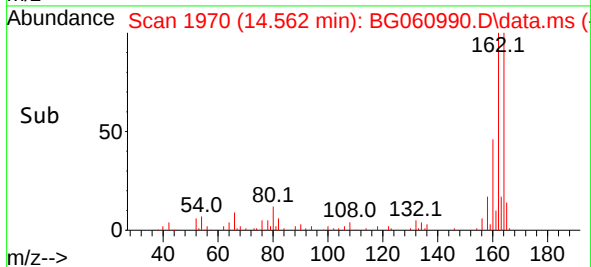
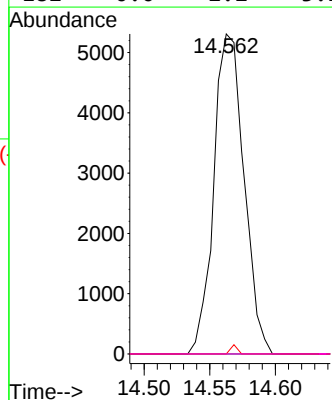
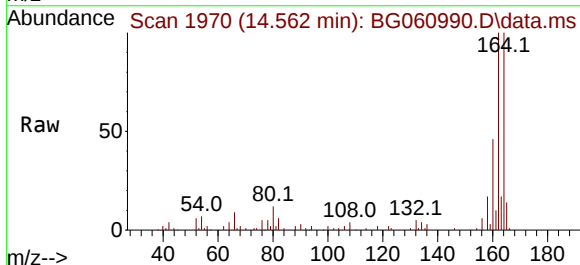
Instrument :  
BNA\_G  
ClientSampleId :  
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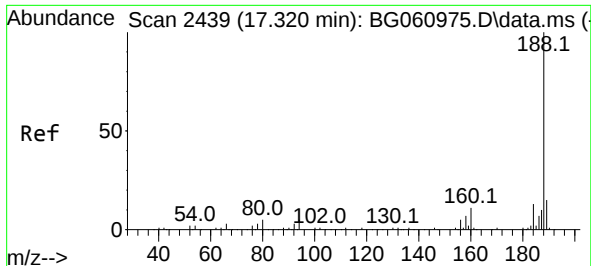
Tgt Ion:165 Resp: 8485  
Ion Ratio Lower Upper  
165 100  
63 0.0 59.6 89.4#  
89 0.0 49.4 74.0#



#57  
2,4-Dinitrotoluene  
Concen: 5.262 ng  
RT: 14.562 min Scan# 1970  
Delta R.T. -0.366 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

Tgt Ion:165 Resp: 8485  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.4 65.2#  
89 0.0 58.4 87.6#  
182 0.0 2.2 3.2#

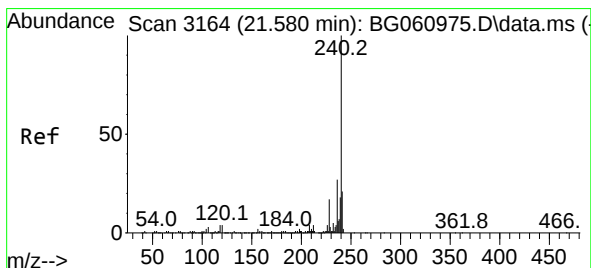
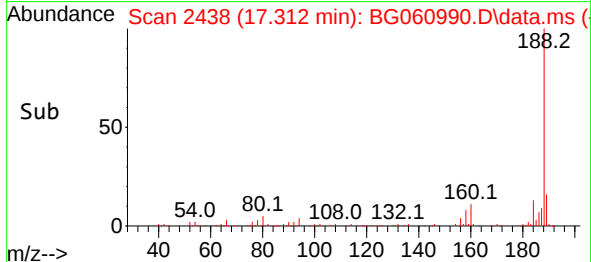
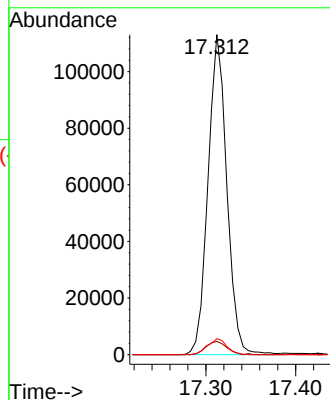
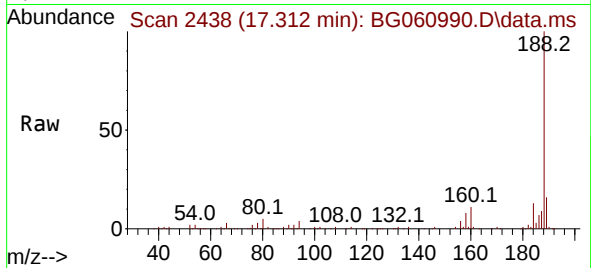




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.312 min Scan# 2438  
Delta R.T. -0.008 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

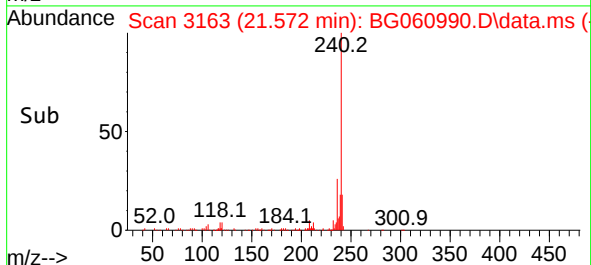
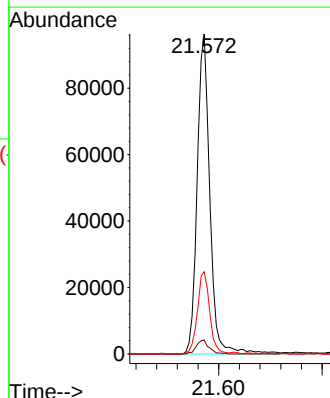
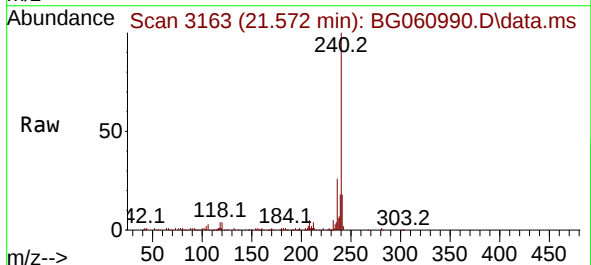
Instrument :  
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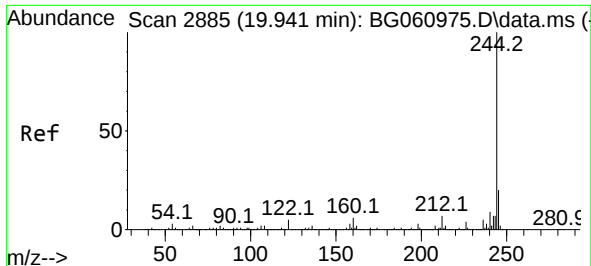
Tgt Ion:188 Resp: 164498  
Ion Ratio Lower Upper  
188 100  
94 4.2 4.1 6.1  
80 5.0 4.0 6.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.572 min Scan# 3163  
Delta R.T. -0.008 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

Tgt Ion:240 Resp: 163671  
Ion Ratio Lower Upper  
240 100  
120 4.4 3.0 4.6  
236 25.7 21.8 32.6

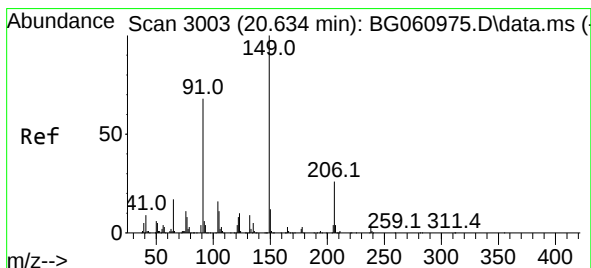
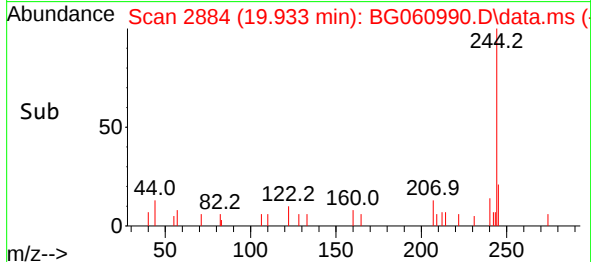
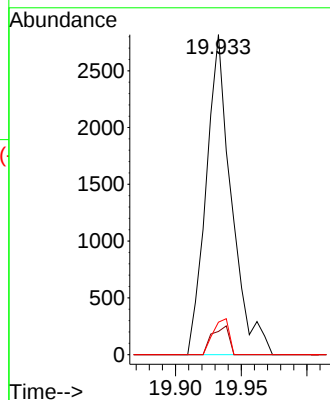
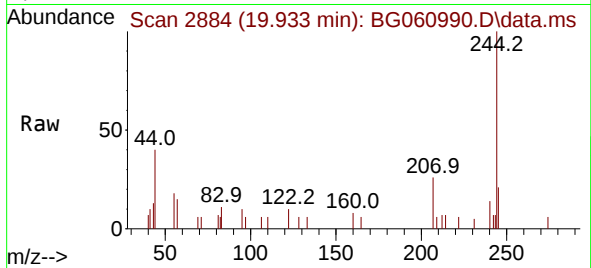




#79  
 Terphenyl-d14  
 Concen: 0.357 ng  
 RT: 19.933 min Scan# 21  
 Delta R.T. -0.008 min  
 Lab File: BG060990.D  
 Acq: 22 Apr 2024 13:58

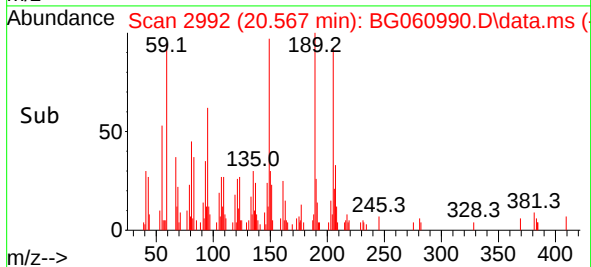
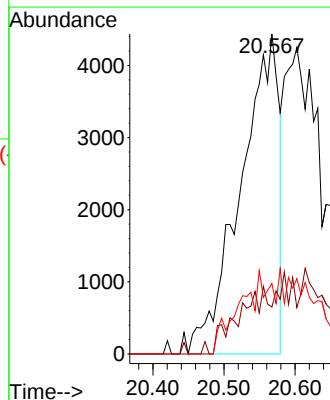
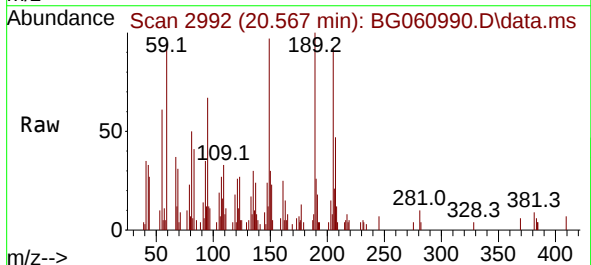
Instrument :  
 BNA\_G  
 ClientSampleId :  
 72-11935DL

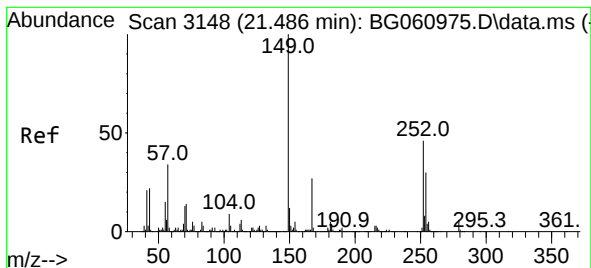
Tgt Ion:244 Resp: 3764  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.9 8.9  
 122 10.1 4.2 6.2#



#80  
 Butylbenzylphthalate  
 Concen: 4.477 ng  
 RT: 20.567 min Scan# 2992  
 Delta R.T. -0.067 min  
 Lab File: BG060990.D  
 Acq: 22 Apr 2024 13:58

Tgt Ion:149 Resp: 16631  
 Ion Ratio Lower Upper  
 149 100  
 91 14.6 54.4 81.6#  
 206 22.0 20.8 31.2

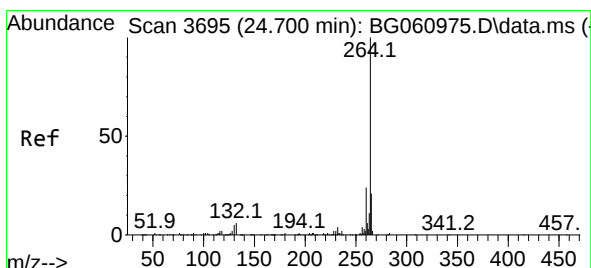
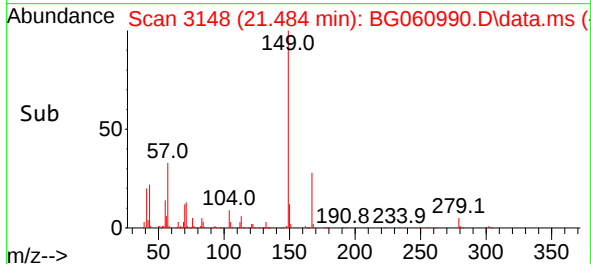
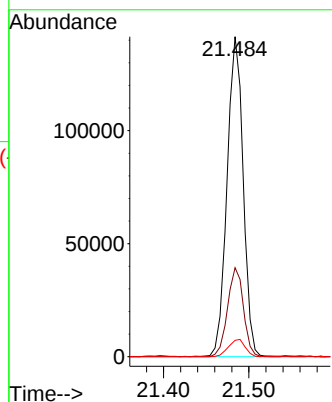
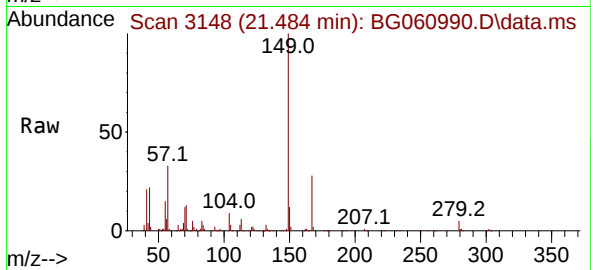




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 34.407 ng  
RT: 21.484 min Scan# 3148  
Delta R.T. -0.002 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

Instrument :  
BNA\_G  
ClientSampleId :  
72-11935DL

Tgt Ion:149 Resp: 185811  
Ion Ratio Lower Upper  
149 100  
167 27.8 21.8 32.8  
279 5.1 4.4 6.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.686 min Scan# 3693  
Delta R.T. -0.014 min  
Lab File: BG060990.D  
Acq: 22 Apr 2024 13:58

Tgt Ion:264 Resp: 195637  
Ion Ratio Lower Upper  
264 100  
260 22.4 19.4 29.2  
265 21.6 17.0 25.4

