

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082521\  
 Data File : BG049969.D  
 Acq On : 25 Aug 2021 15:31  
 Operator : CG/JU  
 Sample : M3506-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 N29305

Quant Time: Aug 25 16:58:55 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG080321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 23 16:13:24 2021  
 Response via : Initial Calibration

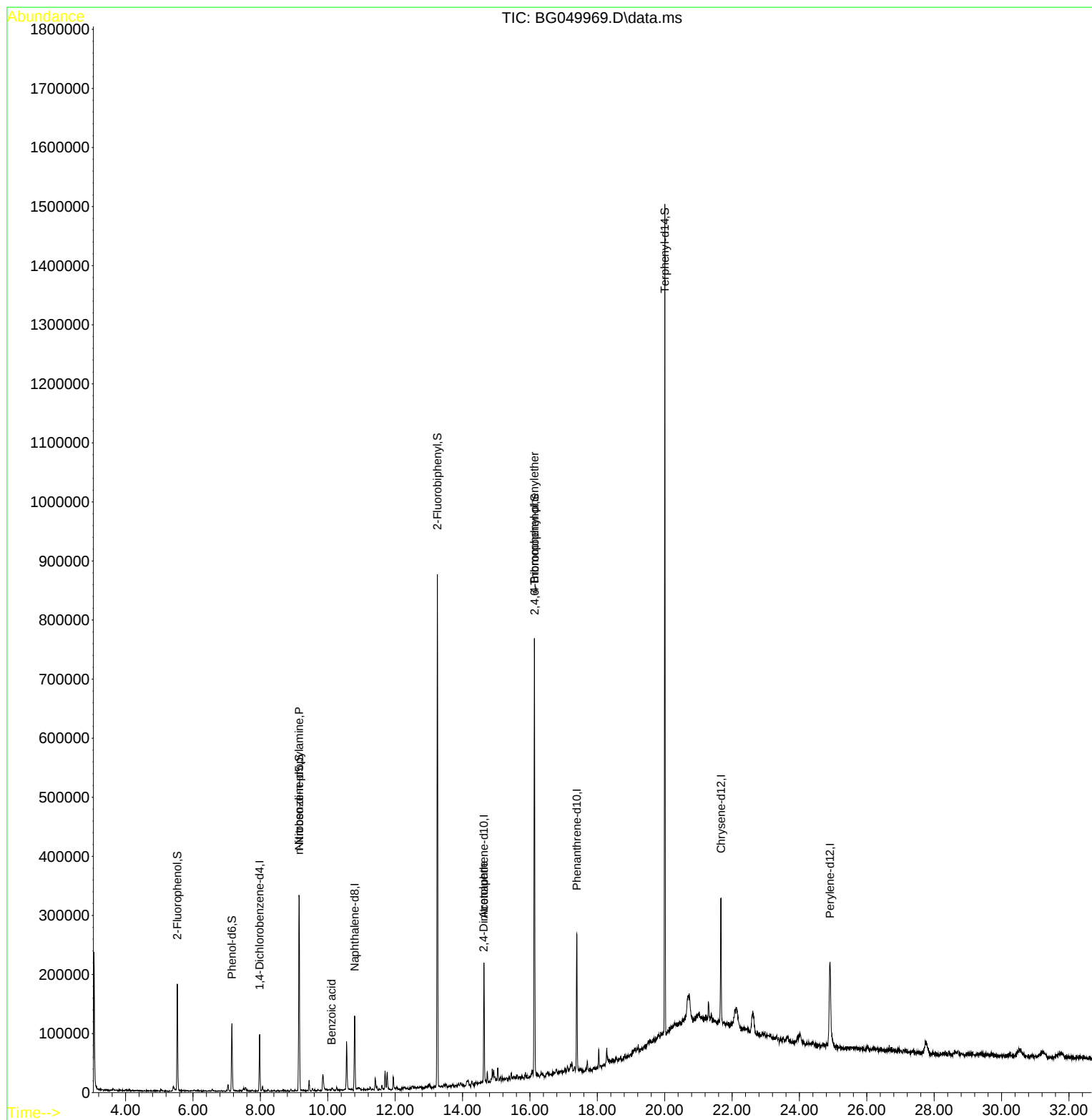
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.978  | 152  | 25950    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.798 | 136  | 103108   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.634 | 164  | 71683    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.395 | 188  | 146472   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.671 | 240  | 131327   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.908 | 264  | 137708   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 73156    | 50.536  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.156  | 99   | 63522    | 28.988  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.147  | 82   | 203235   | 87.223  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.137 | 330  | 148420   | 140.863 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.253 | 172  | 434130   | 88.123  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.003 | 244  | 601111   | 83.131  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.153  | 70   | 30130    | 20.547  | ng    | # 68     |
| 32) Benzoic acid              | 10.110 | 122  | 60       | 5.001   | ng    | # 36     |
| 57) 2,4-Dinitrotoluene        | 14.628 | 165  | 9470     | 5.662   | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 16.132 | 248  | 8566     | 4.966   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

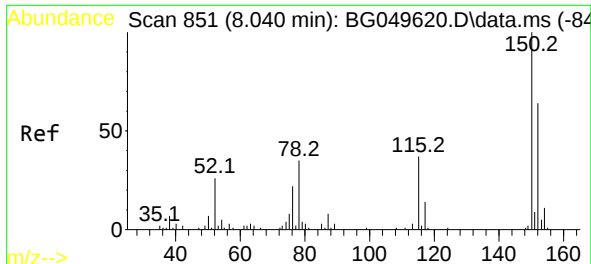
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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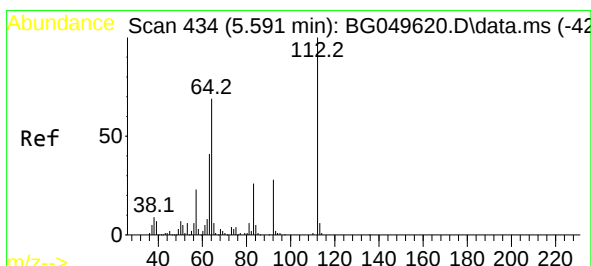
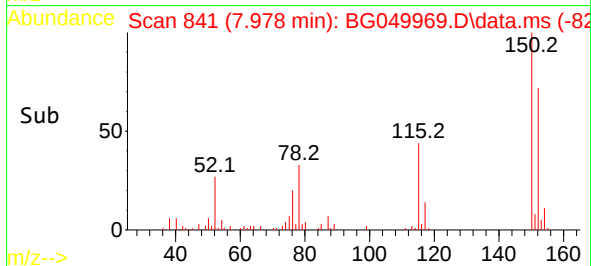
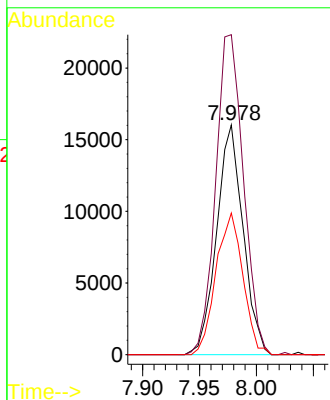
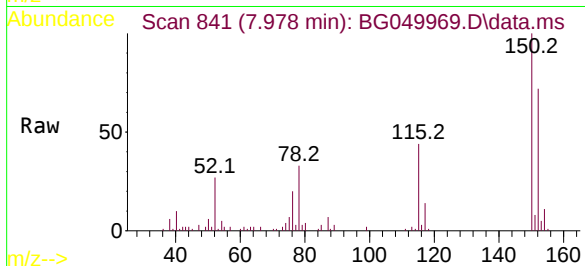




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.978 min Scan# 841  
Delta R.T. -0.008 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

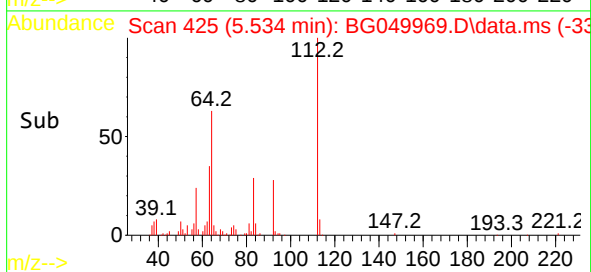
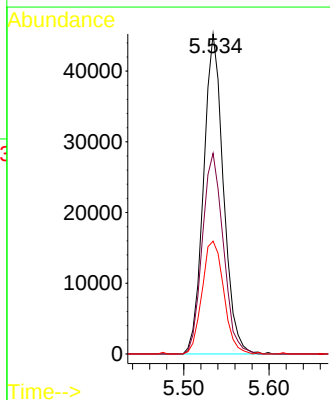
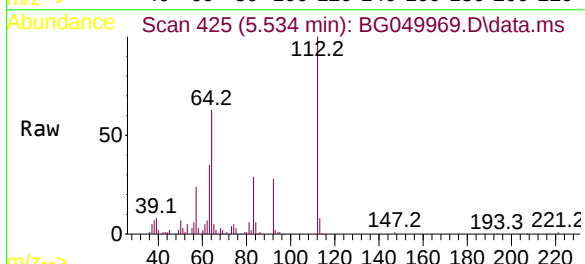
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BNA\_G  
ClientSampled :  
N29305

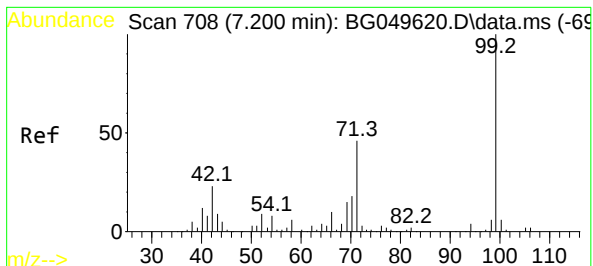
Tgt Ion:152 Resp: 25950  
Ion Ratio Lower Upper  
152 100  
150 139.3 119.4 179.0  
115 61.6 60.2 90.4



#5  
2-Fluorophenol  
Concen: 50.536 ng  
RT: 5.534 min Scan# 425  
Delta R.T. -0.002 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

Tgt Ion:112 Resp: 73156  
Ion Ratio Lower Upper  
112 100  
64 62.7 46.7 70.1  
63 35.3 35.3 52.9#

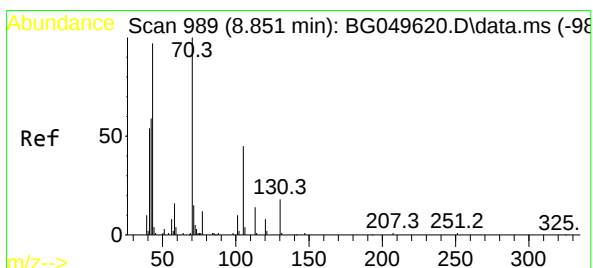
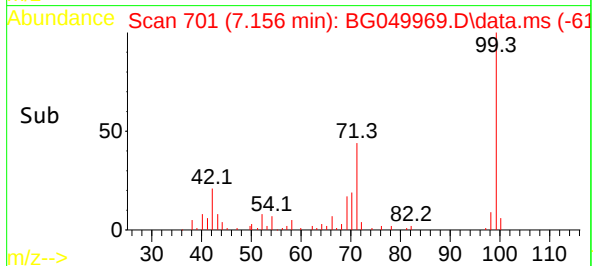
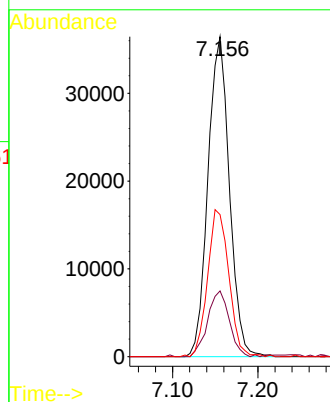
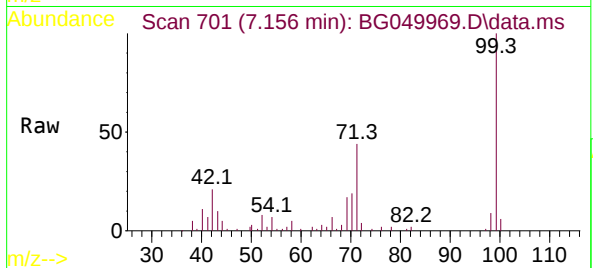




#7  
Phenol-d6  
Concen: 28.988 ng  
RT: 7.156 min Scan# 701  
Delta R.T. -0.002 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

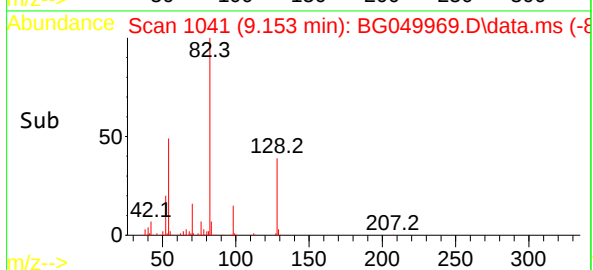
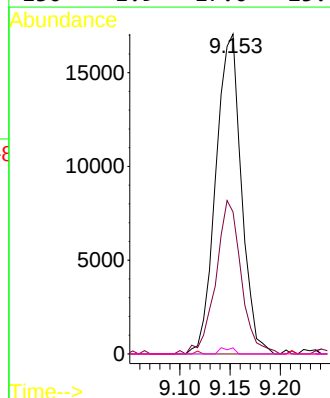
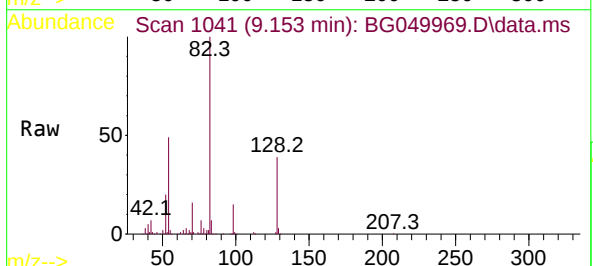
Instrument :  
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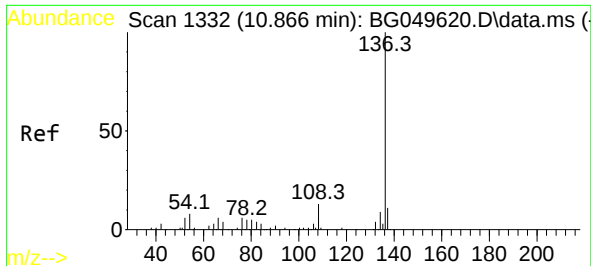
Tgt Ion: 99 Resp: 63522  
Ion Ratio Lower Upper  
99 100  
42 20.6 20.5 30.7  
71 44.4 41.5 62.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.547 ng  
RT: 9.153 min Scan# 1041  
Delta R.T. 0.356 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

Tgt Ion: 70 Resp: 30130  
Ion Ratio Lower Upper  
70 100  
42 44.4 54.5 81.7#  
101 0.0 9.0 13.6#  
130 1.9 17.0 25.6#

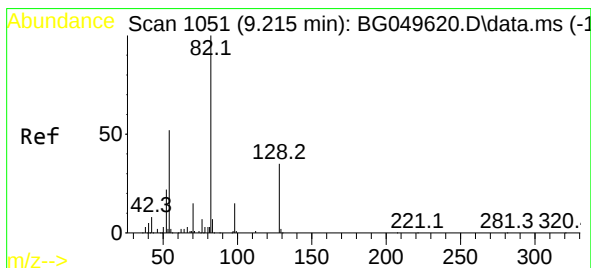
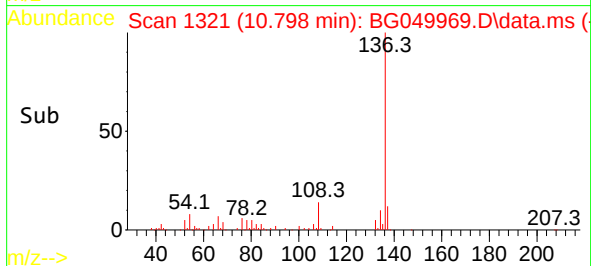
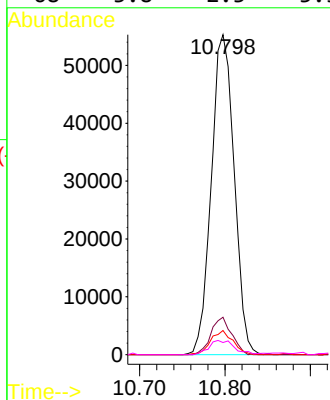
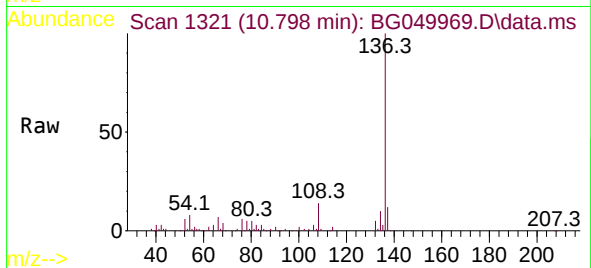




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.798 min Scan# 1321  
Delta R.T. -0.014 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

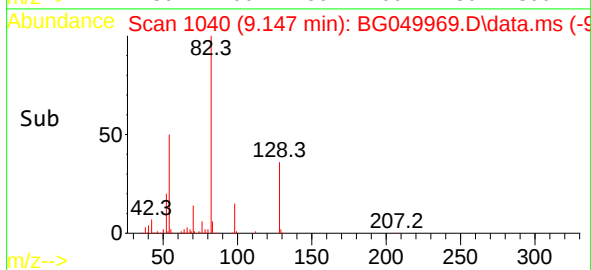
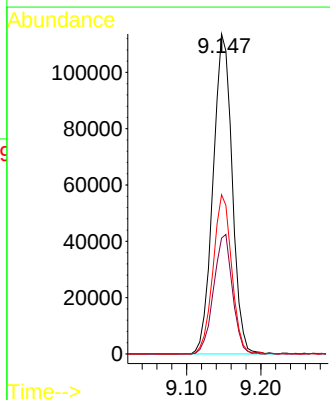
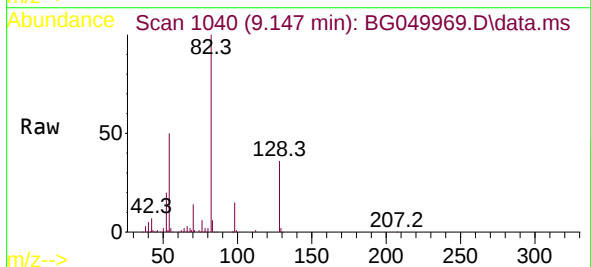
Instrument :  
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N29305

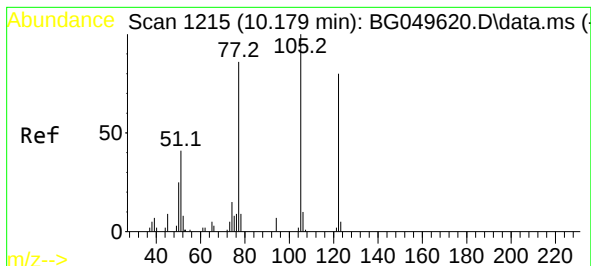
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 103108 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.7  | 8.2   | 12.2   |
| 54        | 7.6   | 5.5   | 8.3    |
| 68        | 3.8   | 2.3   | 3.5#   |



#23  
Nitrobenzene-d5  
Concen: 87.223 ng  
RT: 9.147 min Scan# 1040  
Delta R.T. -0.014 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 203235 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 36.2  | 29.8  | 44.6   |
| 54        | 49.7  | 45.8  | 68.8   |

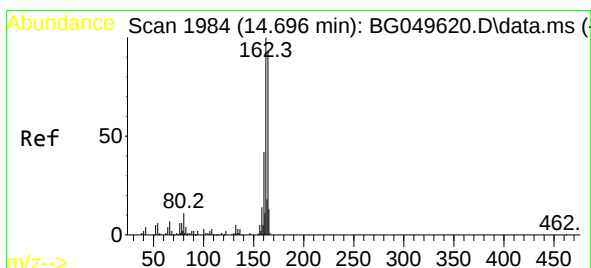
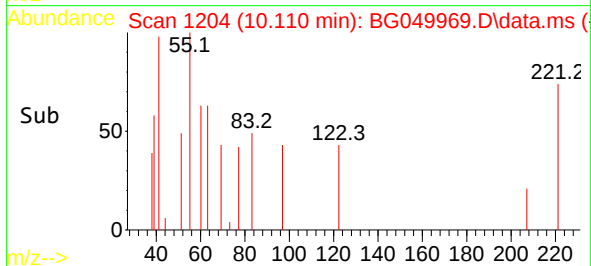
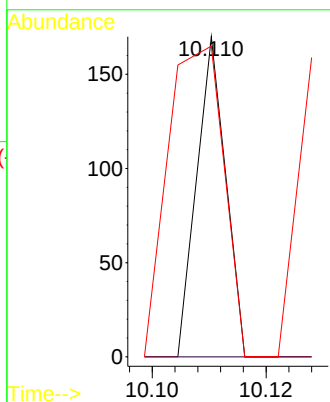
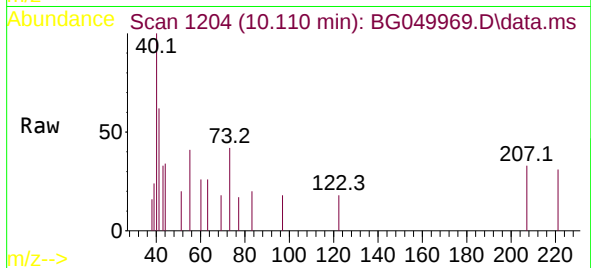




#32  
Benzoic acid  
Concen: 5.001 ng  
RT: 10.110 min Scan# 1204  
Delta R.T. -0.026 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

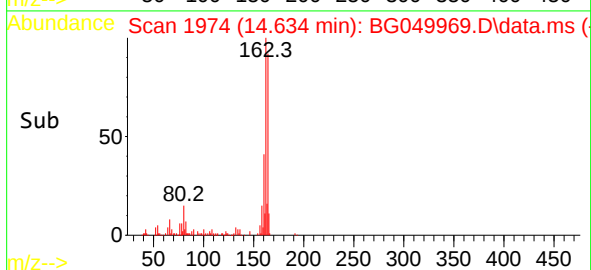
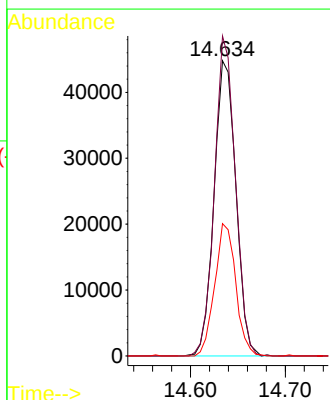
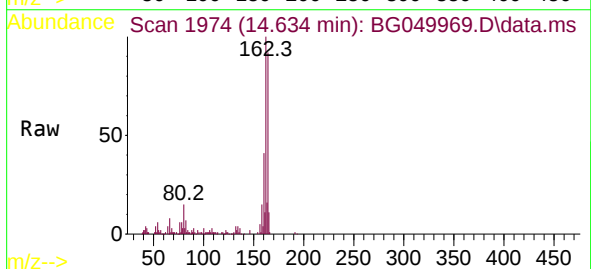
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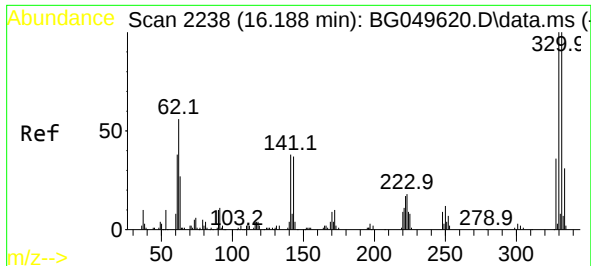
Tgt Ion:122 Resp: 60  
Ion Ratio Lower Upper  
122 100  
105 0.0 92.3 132.3#  
77 97.1 66.5 106.5



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.634 min Scan# 1974  
Delta R.T. -0.014 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

Tgt Ion:164 Resp: 71683  
Ion Ratio Lower Upper  
164 100  
162 108.4 81.4 122.0  
160 44.8 34.9 52.3

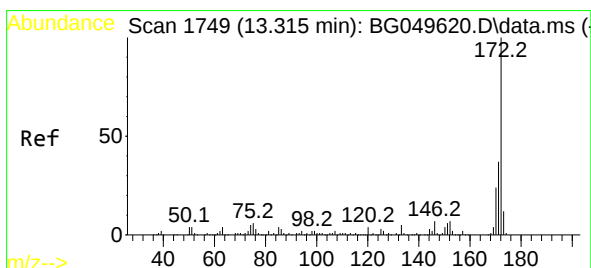
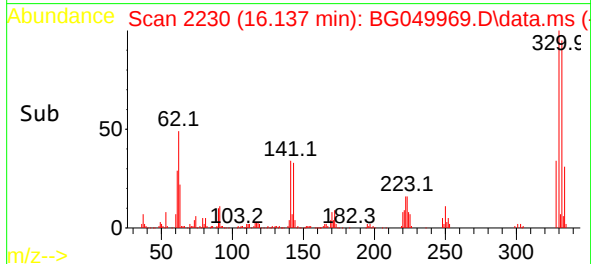
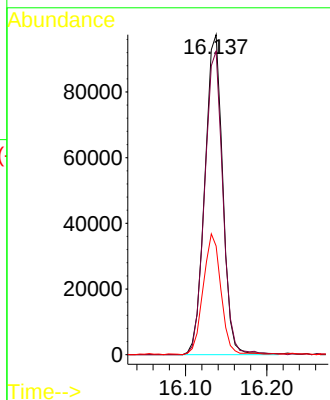
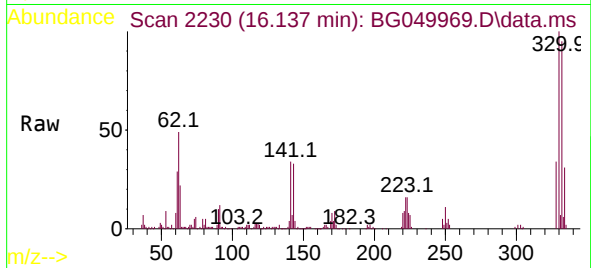




#42  
2,4,6-Tribromophenol  
Concen: 140.863 ng  
RT: 16.137 min Scan# 2230  
Delta R.T. -0.008 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

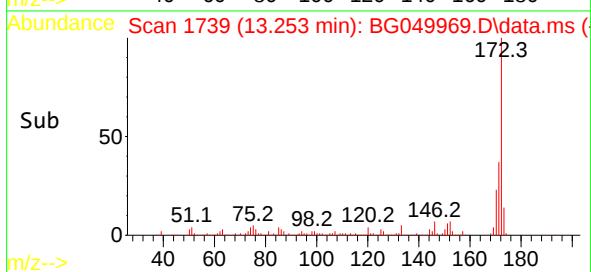
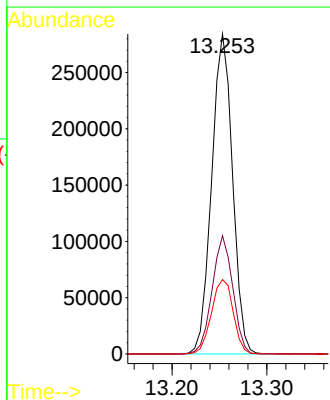
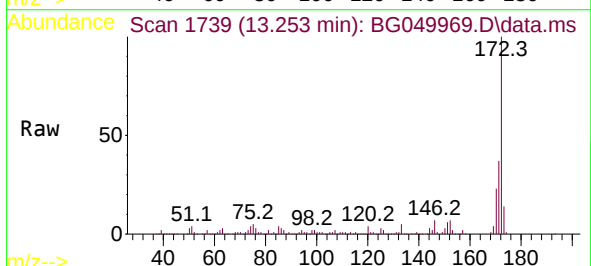
Instrument :  
BNA\_G  
ClientSampleId :  
N29305

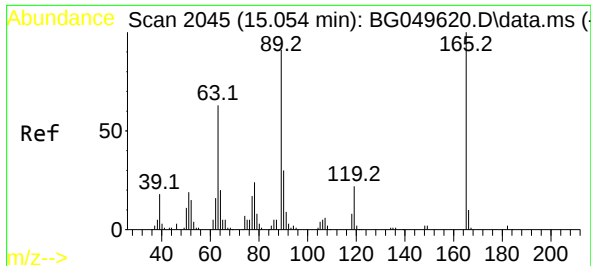
Tgt Ion:330 Resp: 148420  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.3 115.9  
141 37.4 35.6 53.4



#45  
2-Fluorobiphenyl  
Concen: 88.123 ng  
RT: 13.253 min Scan# 1739  
Delta R.T. -0.008 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

Tgt Ion:172 Resp: 434130  
Ion Ratio Lower Upper  
172 100  
171 37.0 28.6 43.0  
170 23.2 18.6 27.8

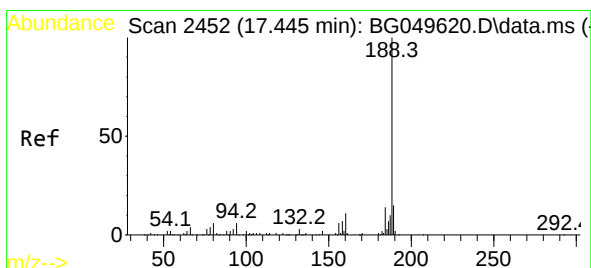
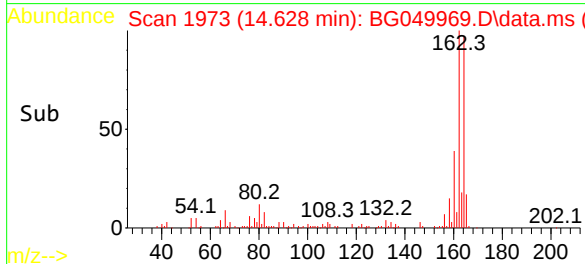
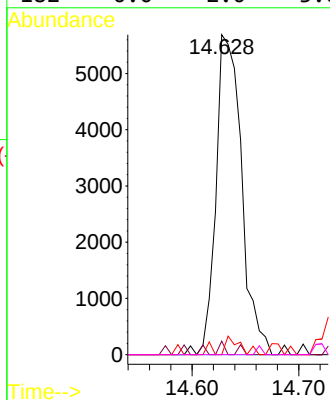
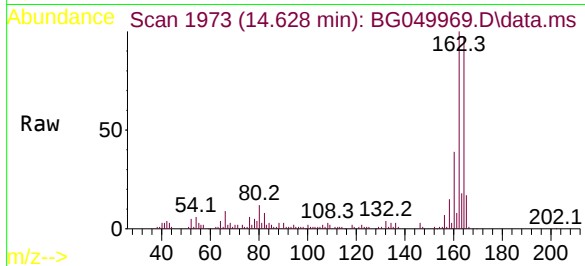




#57  
2,4-Dinitrotoluene  
Concen: 5.662 ng  
RT: 14.628 min Scan# 1973  
Delta R.T. -0.390 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

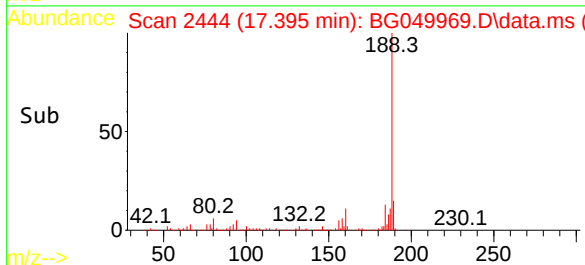
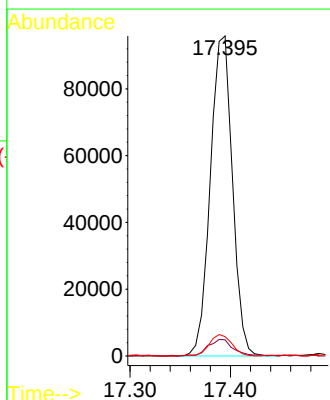
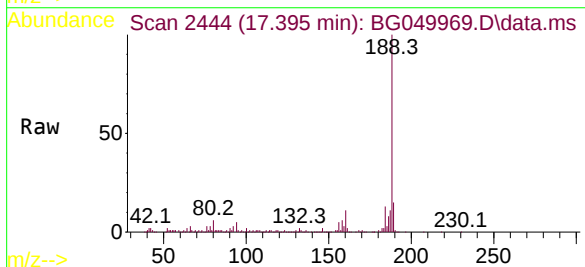
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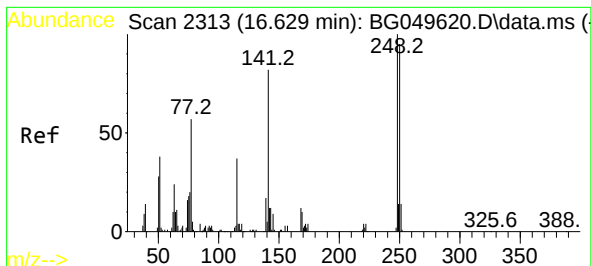
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| Tgt Ion: | 165   | Resp: | 9470  |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 4.2   | 48.0  | 72.0# |
| 89       | 0.0   | 65.4  | 98.0# |
| 182      | 0.0   | 2.0   | 3.0#  |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.395 min Scan# 2444  
Delta R.T. -0.008 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 146472 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.0   | 5.4   | 8.0#   |
| 80       | 6.1   | 3.7   | 5.5#   |

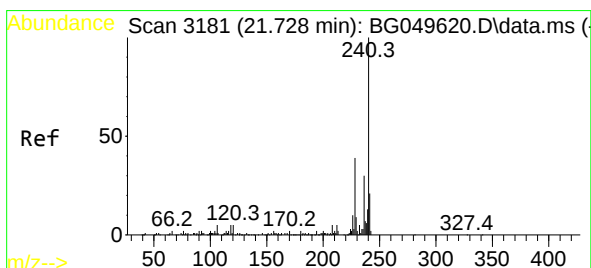
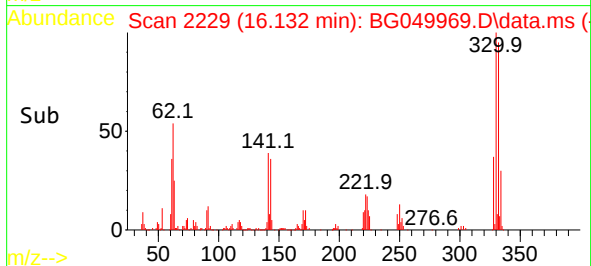
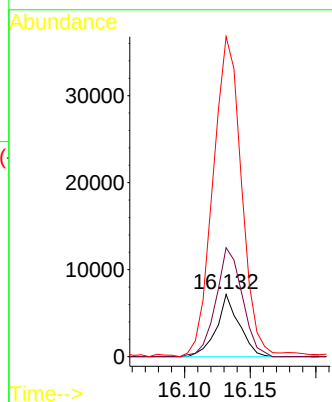
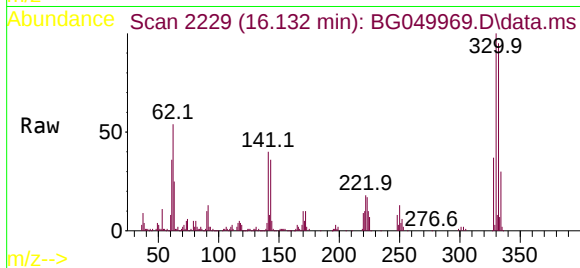




#67  
4-Bromophenyl-phenylether  
Concen: 4.966 ng  
RT: 16.132 min Scan# 2229  
Delta R.T. -0.449 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

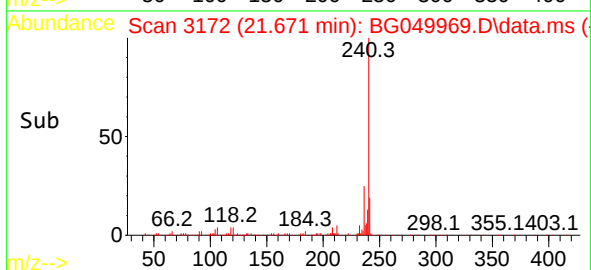
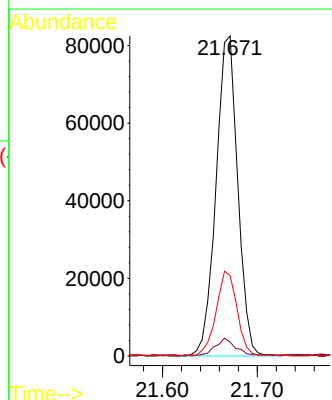
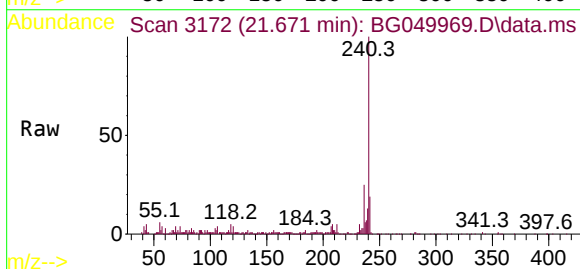
Instrument :  
BNA\_G  
ClientSampled :  
N29305

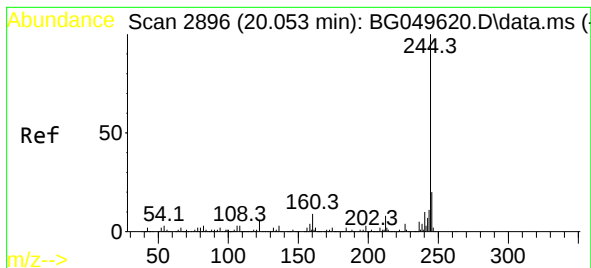
Tgt Ion:248 Resp: 8566  
Ion Ratio Lower Upper  
248 100  
250 175.1 76.1 114.1#  
141 514.0 65.4 98.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.671 min Scan# 3172  
Delta R.T. -0.008 min  
Lab File: BG049969.D  
Acq: 25 Aug 2021 15:31

Tgt Ion:240 Resp: 131327  
Ion Ratio Lower Upper  
240 100  
120 4.3 4.2 6.2  
236 25.1 21.8 32.6





#79

Terphenyl-d14

Concen: 83.131 ng

RT: 20.003 min Scan# 2888

Delta R.T. -0.008 min

Lab File: BG049969.D

Acq: 25 Aug 2021 15:31

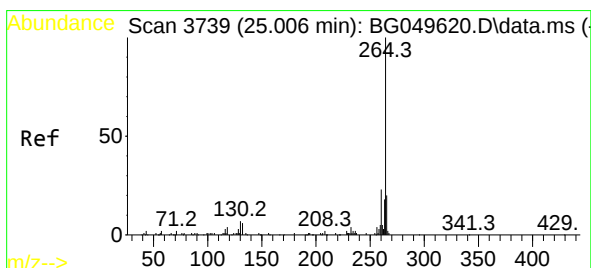
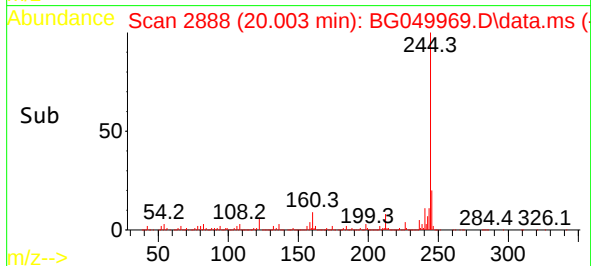
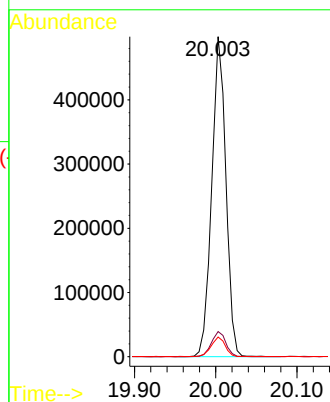
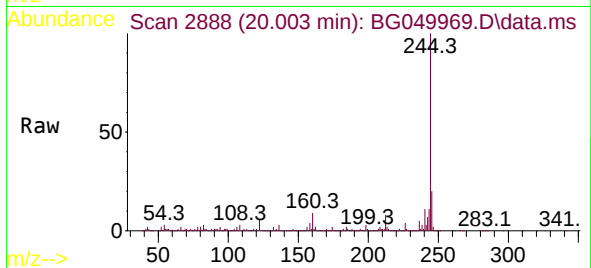
Tgt Ion:244 Resp: 601111

Ion Ratio Lower Upper

244 100

212 7.8 6.9 10.3

122 6.2 5.0 7.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.908 min Scan# 3723

Delta R.T. -0.014 min

Lab File: BG049969.D

Acq: 25 Aug 2021 15:31

Tgt Ion:264 Resp: 137708

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.2

265 20.8 16.9 25.3

