

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080322\  
 Data File : BG054499.D  
 Acq On : 3 Aug 2022 14:37  
 Operator : CG/JU  
 Sample : N3935-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RVE-137

Quant Time: Aug 04 00:43:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 28 04:30:50 2022  
 Response via : Initial Calibration

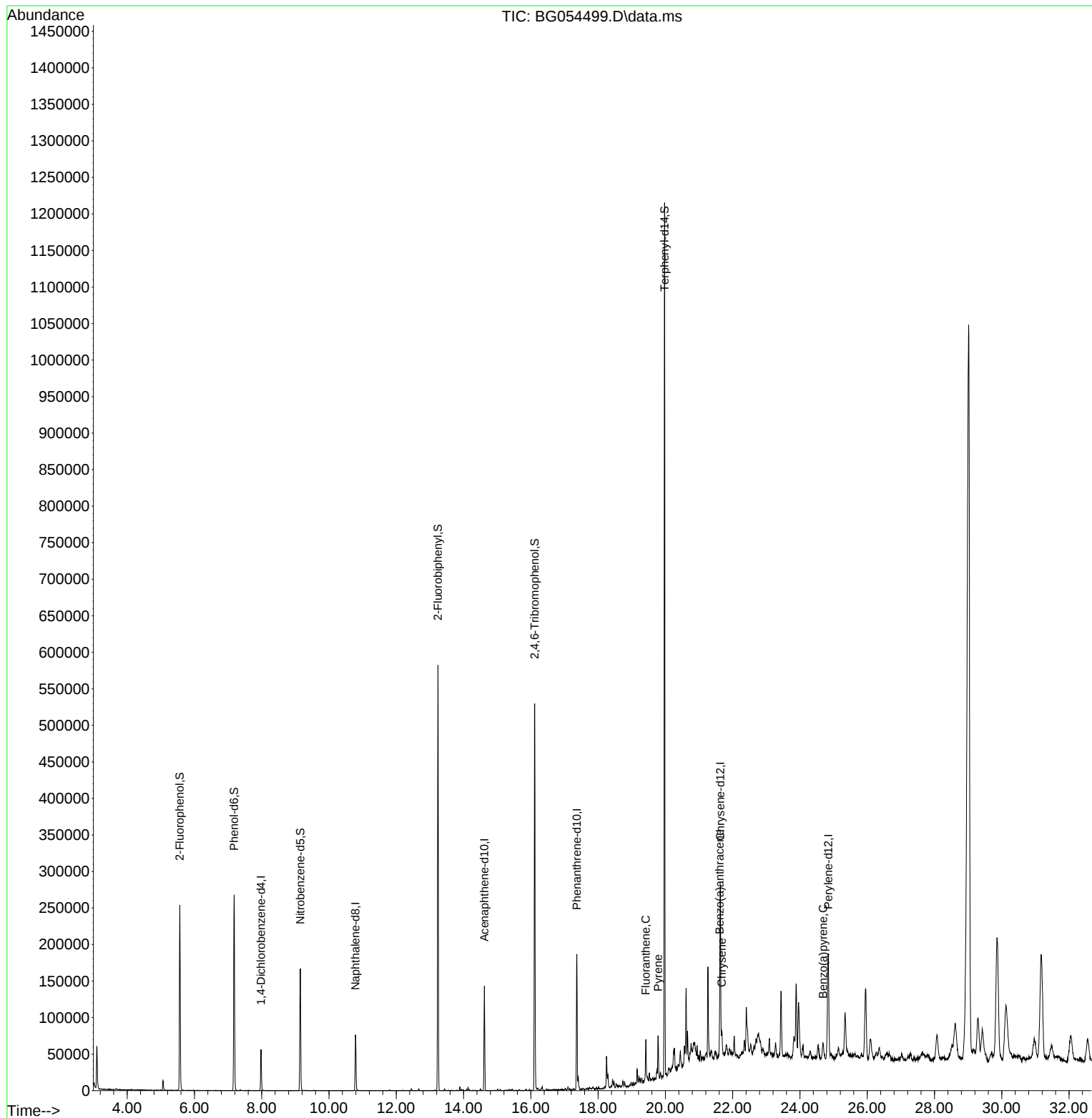
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.979  | 152  | 17558    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.787 | 136  | 68847    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.618 | 164  | 55505    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.368 | 188  | 134126   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.633 | 240  | 151171   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.841 | 264  | 158649   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.564  | 112  | 114431   | 136.074 | ng    | 0.00     |
| 7) Phenol-d6                | 7.180  | 99   | 156207   | 135.560 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.148  | 82   | 103752   | 82.066  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.116 | 330  | 143823   | 123.411 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.237 | 172  | 332922   | 84.614  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.977 | 244  | 665390   | 87.318  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 75) Fluoranthene            | 19.418 | 202  | 34624    | 3.803   | ng    | 94       |
| 78) Pyrene                  | 19.783 | 202  | 41796    | 4.818   | ng    | 96       |
| 81) Benzo(a)anthracene      | 21.616 | 228  | 19256    | 2.007   | ng    | 91       |
| 83) Chrysene                | 21.680 | 228  | 29989    | 3.308   | ng    | 97       |
| 90) Benzo(a)pyrene          | 24.689 | 252  | 25311    | 3.159   | ng    | 96       |
| -----                       |        |      |          |         |       |          |

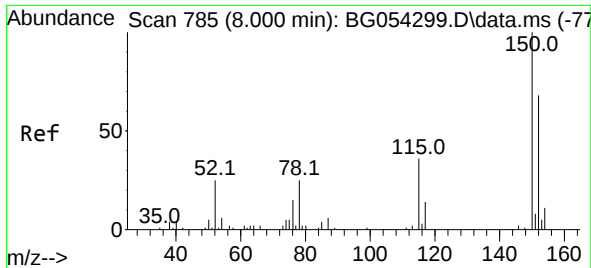
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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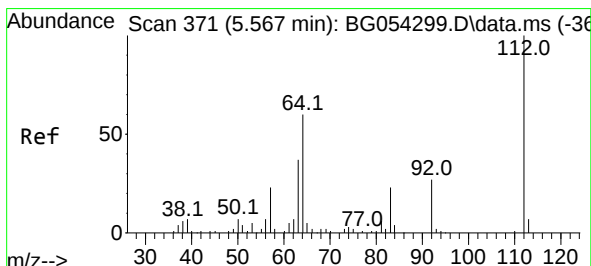
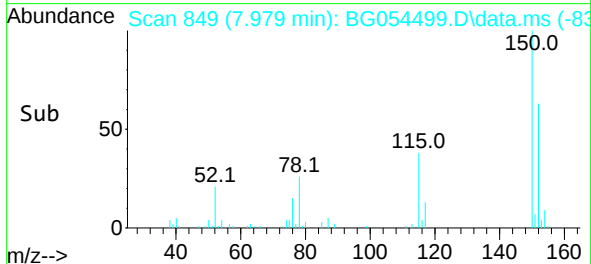
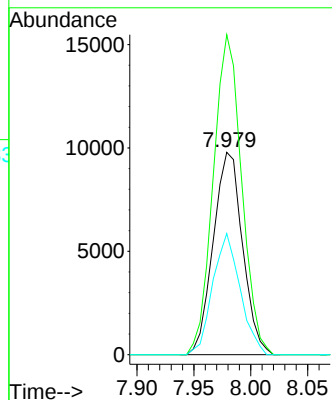
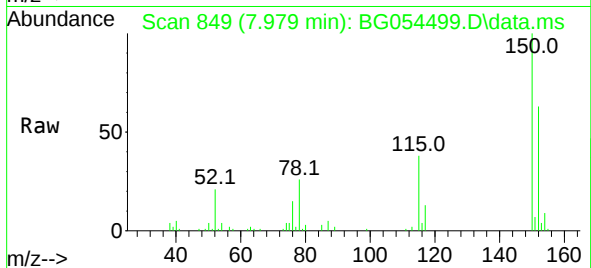




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.979 min Scan# 84  
Delta R.T. -0.009 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

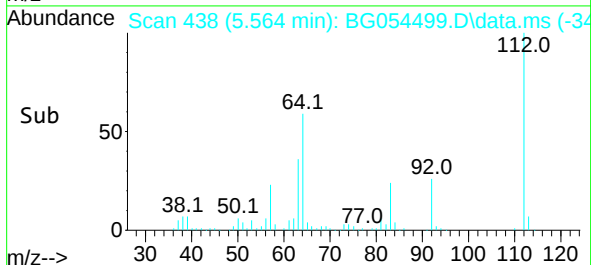
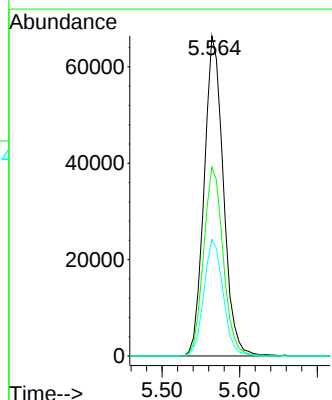
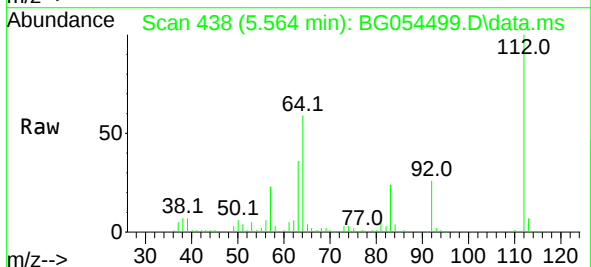
Instrument :  
BNA\_G  
ClientSampleId :  
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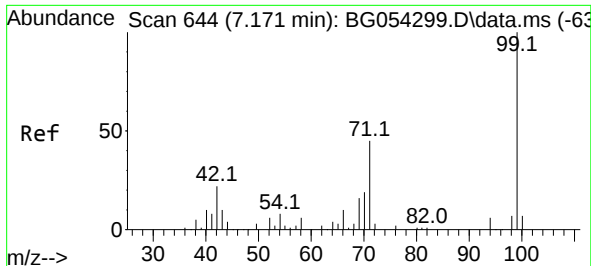
Tgt Ion:152 Resp: 17558  
Ion Ratio Lower Upper  
152 100  
150 158.1 131.6 197.4  
115 59.9 50.9 76.3



#5  
2-Fluorophenol  
Concen: 136.074 ng  
RT: 5.564 min Scan# 438  
Delta R.T. 0.002 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

Tgt Ion:112 Resp: 114431  
Ion Ratio Lower Upper  
112 100  
64 59.0 55.1 82.7  
63 36.4 30.4 45.6

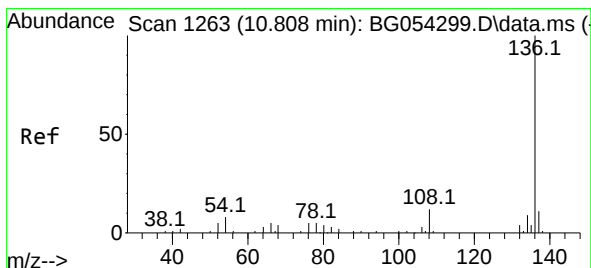
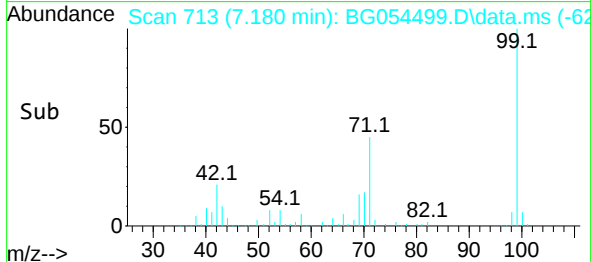
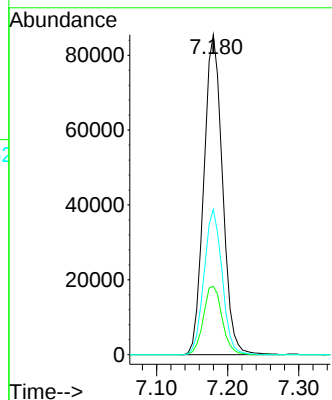
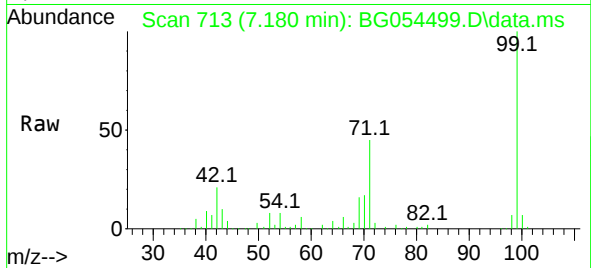




#7  
Phenol-d6  
Concen: 135.560 ng  
RT: 7.180 min Scan# 71  
Delta R.T. 0.008 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

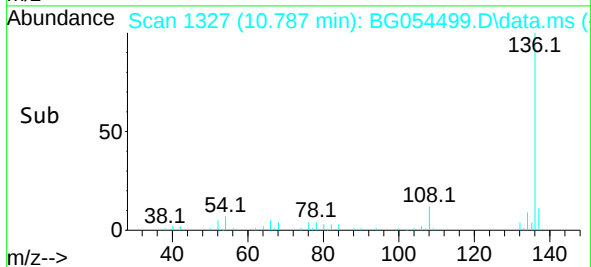
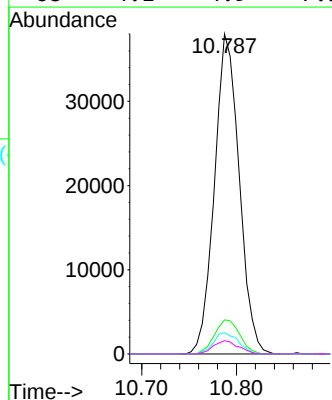
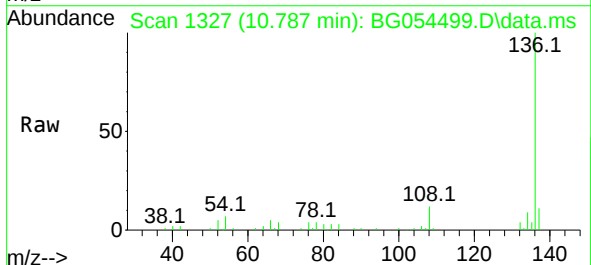
Instrument :  
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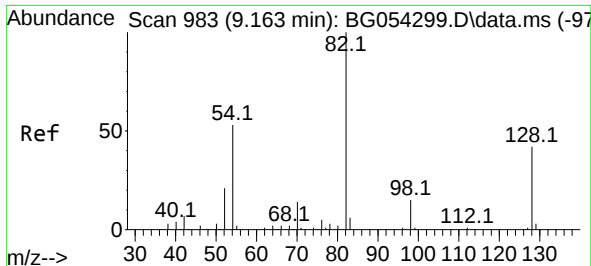
Tgt Ion: 99 Resp: 156207  
Ion Ratio Lower Upper  
99 100  
42 21.4 17.0 25.6  
71 45.5 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.787 min Scan# 1327  
Delta R.T. -0.010 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

Tgt Ion: 136 Resp: 68847  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 6.7 7.4 11.2#  
68 4.1 4.9 7.3#

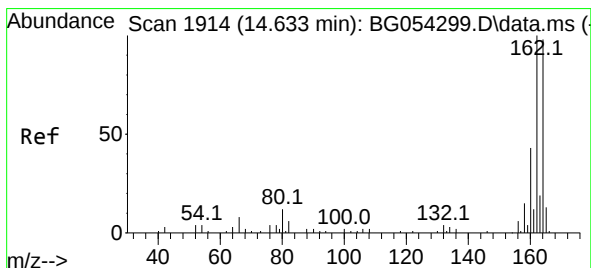
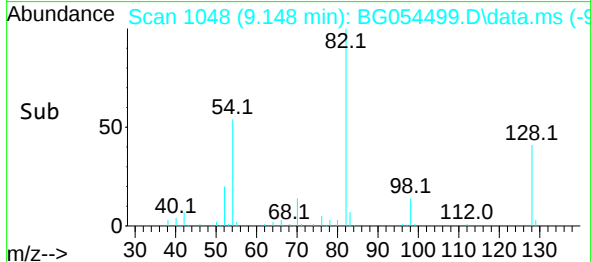
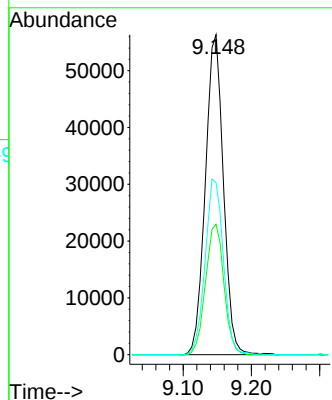
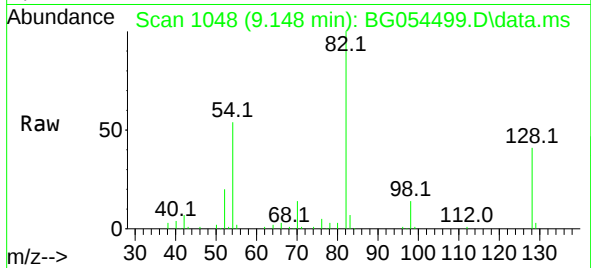




#23  
Nitrobenzene-d5  
Concen: 82.066 ng  
RT: 9.148 min Scan# 1048  
Delta R.T. -0.004 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

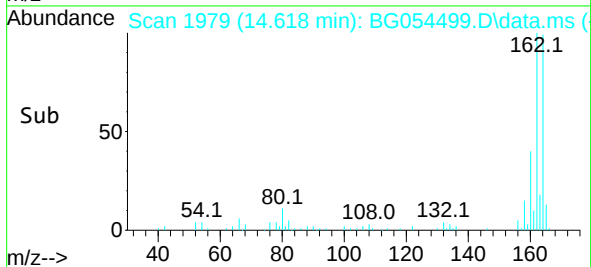
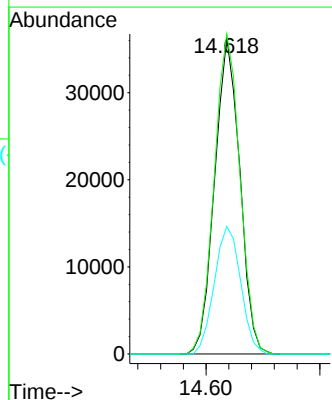
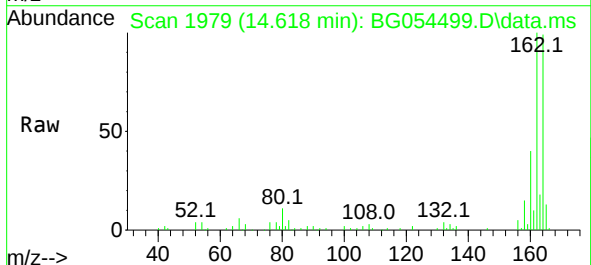
Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion: 82 Resp: 103752  
Ion Ratio Lower Upper  
82 100  
128 40.7 27.9 41.9  
54 53.7 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.618 min Scan# 1979  
Delta R.T. -0.004 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

Tgt Ion:164 Resp: 55505  
Ion Ratio Lower Upper  
164 100  
162 101.1 82.3 123.5  
160 40.3 34.2 51.2

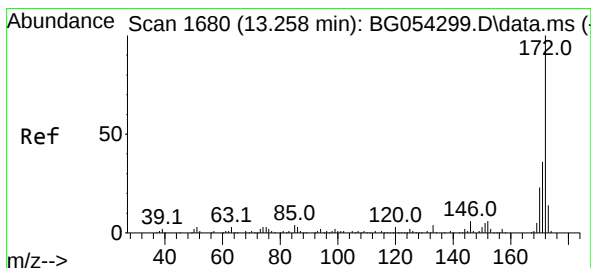
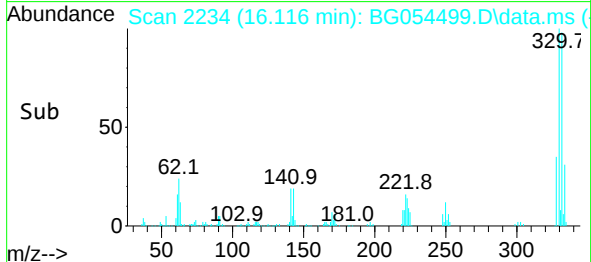
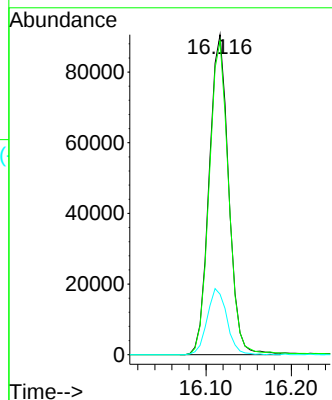
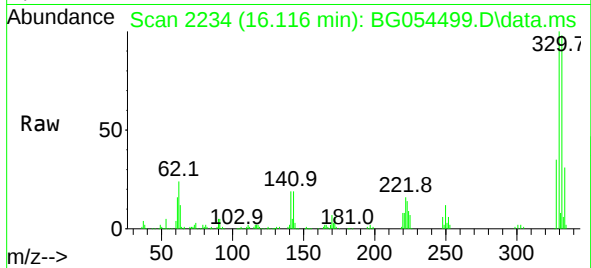




#42  
2,4,6-Tribromophenol  
Concen: 123.411 ng  
RT: 16.116 min Scan# 2168  
Delta R.T. 0.002 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

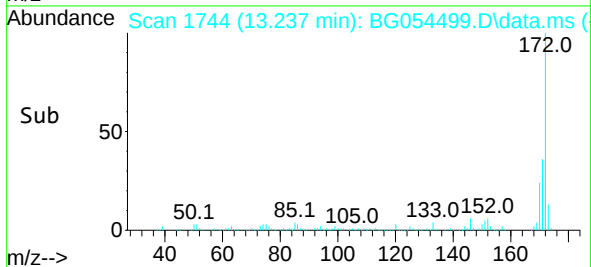
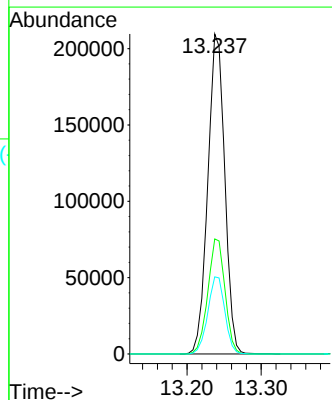
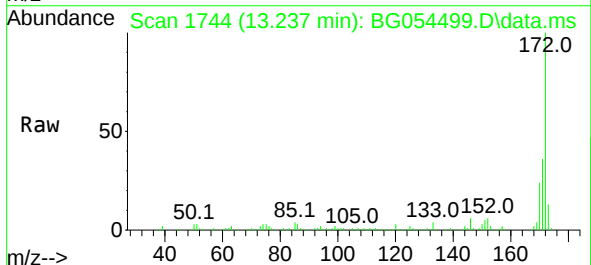
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BNA\_G  
ClientSampleId :  
RVE-137

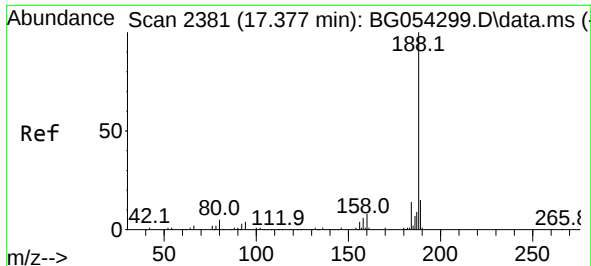
Tgt Ion:330 Resp: 143823  
Ion Ratio Lower Upper  
330 100  
332 97.7 76.0 114.0  
141 20.9 27.1 40.7#



#45  
2-Fluorobiphenyl  
Concen: 84.614 ng  
RT: 13.237 min Scan# 1744  
Delta R.T. -0.010 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

Tgt Ion:172 Resp: 332922  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.5 42.7  
170 24.1 18.9 28.3

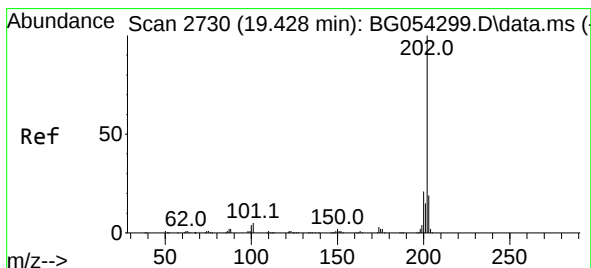
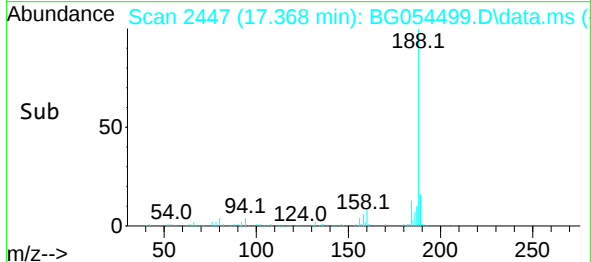
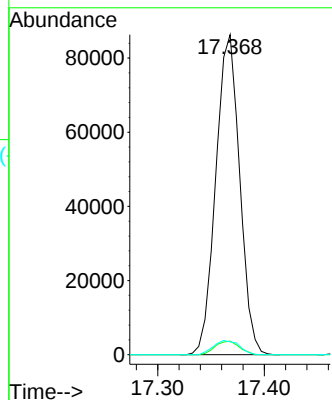
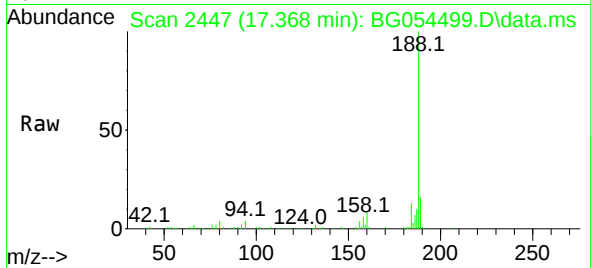




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.368 min Scan# 2447  
Delta R.T. -0.004 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

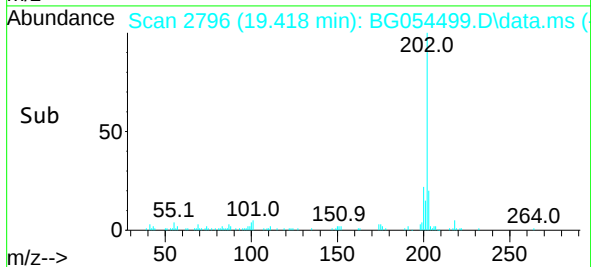
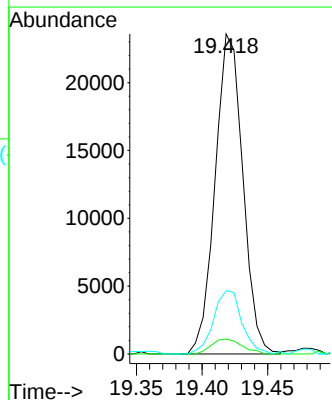
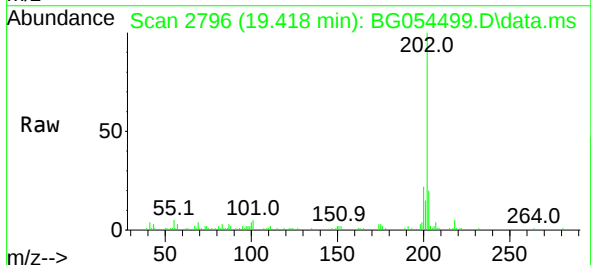
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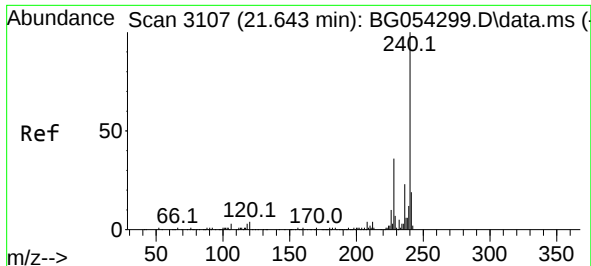
Tgt Ion:188 Resp: 134126  
Ion Ratio Lower Upper  
188 100  
94 4.3 5.4 8.0#  
80 4.0 6.8 10.2#



#75  
Fluoranthene  
Concen: 3.803 ng  
RT: 19.418 min Scan# 2796  
Delta R.T. -0.004 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

Tgt Ion:202 Resp: 34624  
Ion Ratio Lower Upper  
202 100  
101 4.7 0.0 26.9  
203 19.7 0.0 37.2

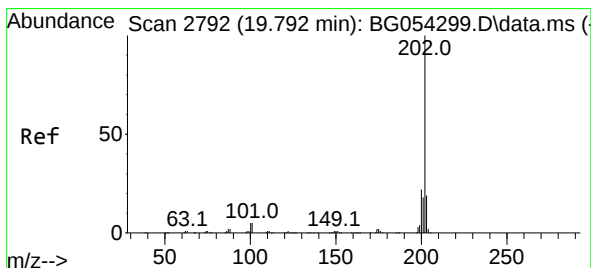
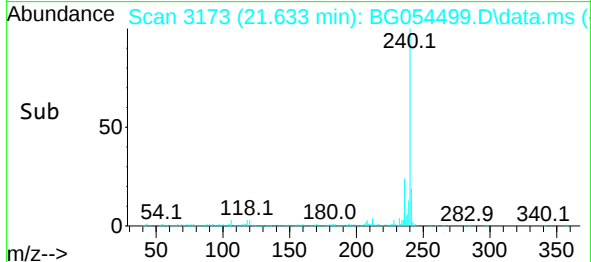
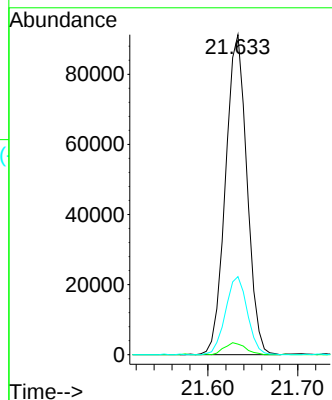
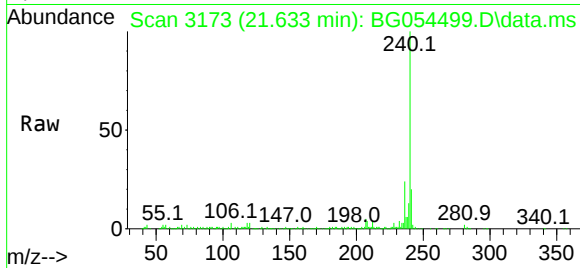




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.633 min Scan# 31  
Delta R.T. -0.004 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

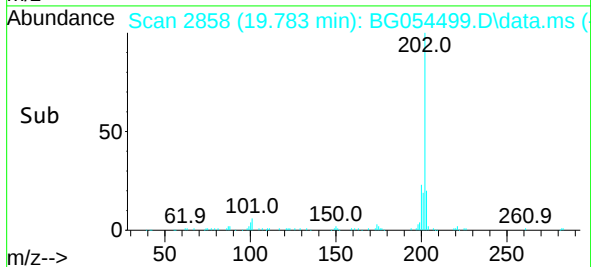
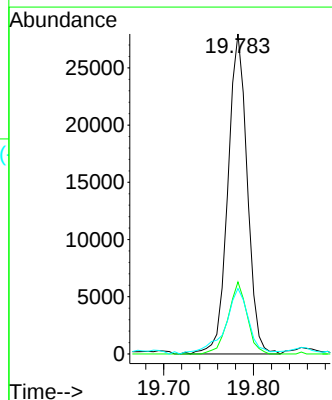
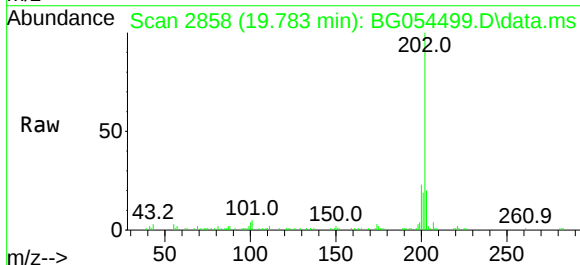
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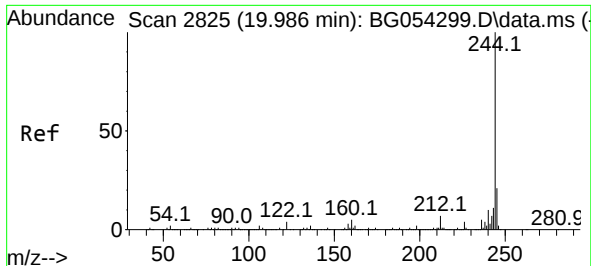
Tgt Ion:240 Resp: 151171  
Ion Ratio Lower Upper  
240 100  
120 3.3 4.6 7.0#  
236 24.4 20.2 30.4



#78  
Pyrene  
Concen: 4.818 ng  
RT: 19.783 min Scan# 2858  
Delta R.T. -0.004 min  
Lab File: BG054499.D  
Acq: 3 Aug 2022 14:37

Tgt Ion:202 Resp: 41796  
Ion Ratio Lower Upper  
202 100  
200 22.5 16.6 24.8  
203 20.4 14.6 21.8

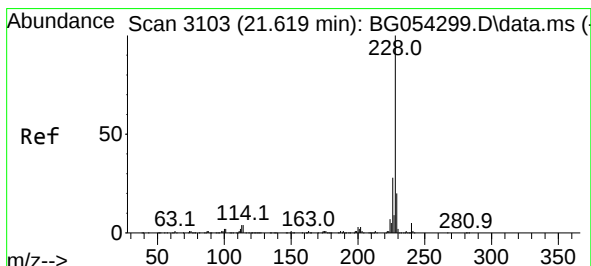
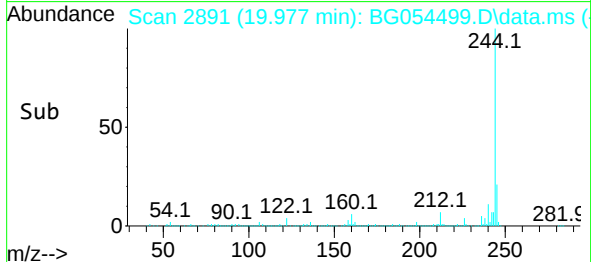
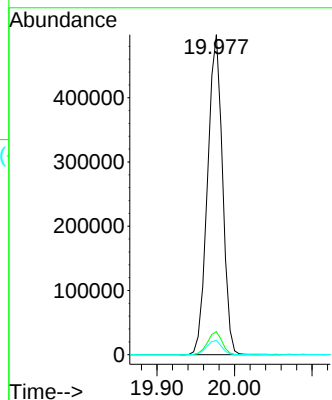
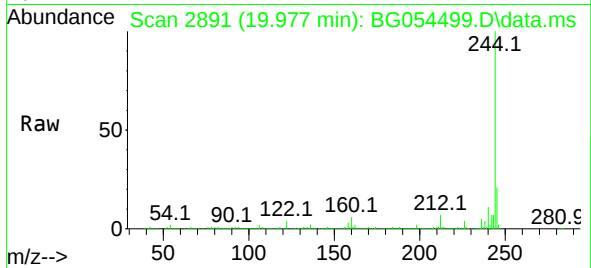




#79  
 Terphenyl-d14  
 Concen: 87.318 ng  
 RT: 19.977 min Scan# 21  
 Delta R.T. -0.004 min  
 Lab File: BG054499.D  
 Acq: 3 Aug 2022 14:37

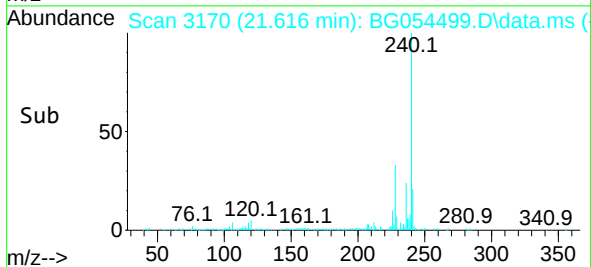
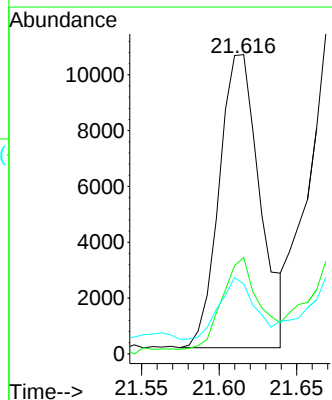
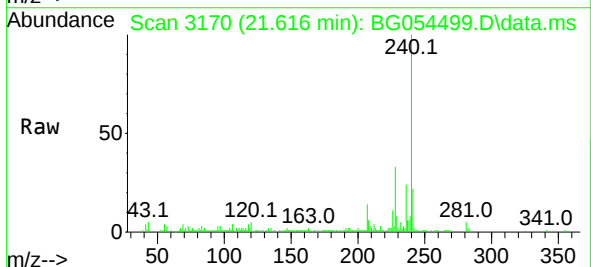
Instrument :  
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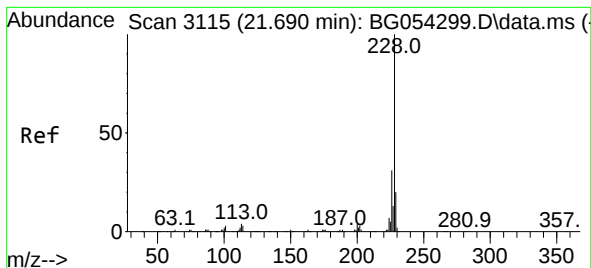
Tgt Ion:244 Resp: 665390  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 6.5 9.7  
 122 4.5 5.0 7.4#



#81  
 Benzo(a)anthracene  
 Concen: 2.007 ng  
 RT: 21.616 min Scan# 3170  
 Delta R.T. 0.002 min  
 Lab File: BG054499.D  
 Acq: 3 Aug 2022 14:37

Tgt Ion:228 Resp: 19256  
 Ion Ratio Lower Upper  
 228 100  
 226 32.2 21.6 32.4  
 229 23.4 16.2 24.2





#83

Chrysene

Concen: 3.308 ng

RT: 21.680 min Scan# 3115

Delta R.T. -0.004 min

Lab File: BG054499.D

Acq: 3 Aug 2022 14:37

Instrument :

BNA\_G

ClientSampleId :

RVE-137

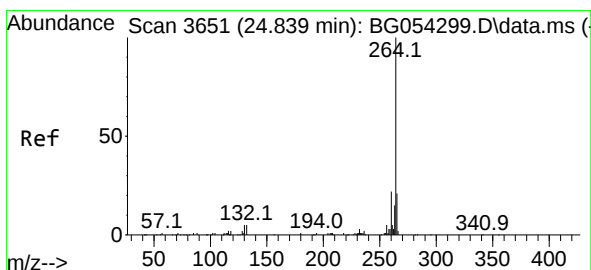
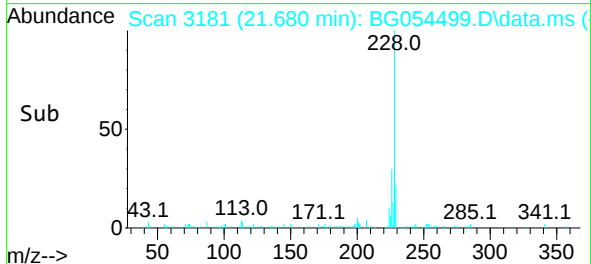
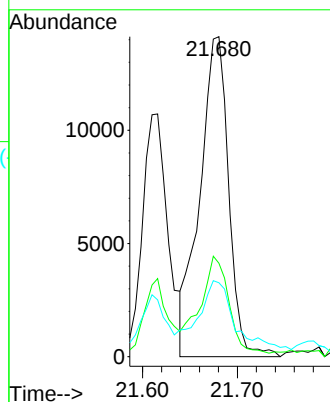
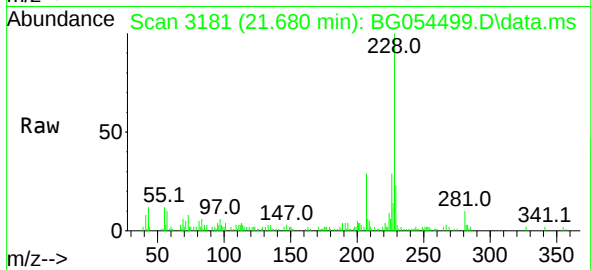
Tgt Ion:228 Resp: 29989

Ion Ratio Lower Upper

228 100

226 29.2 23.4 35.2

229 23.1 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.841 min Scan# 3719

Delta R.T. 0.008 min

Lab File: BG054499.D

Acq: 3 Aug 2022 14:37

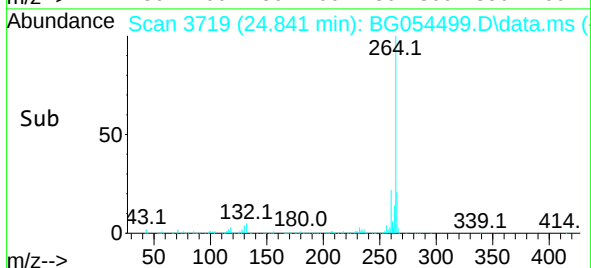
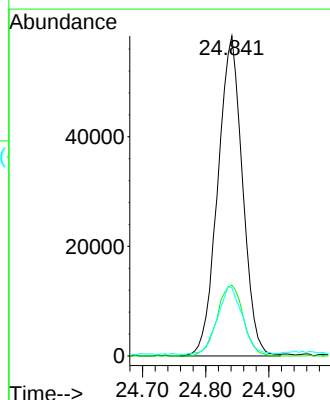
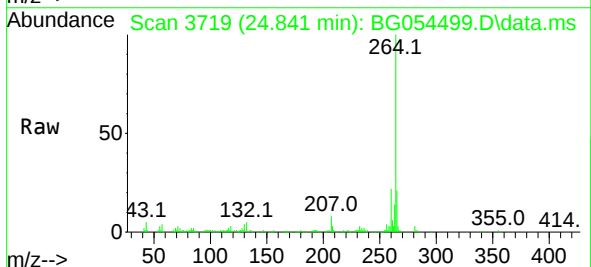
Tgt Ion:264 Resp: 158649

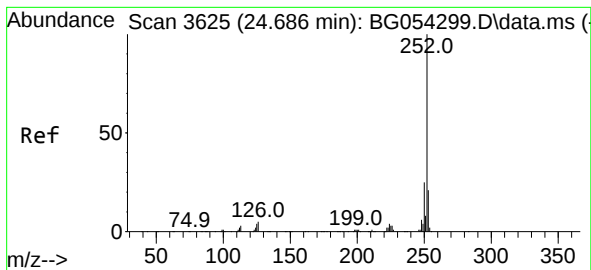
Ion Ratio Lower Upper

264 100

260 22.2 19.0 28.6

265 21.3 17.4 26.2





#90

Benzo(a)pyrene

Concen: 3.159 ng

RT: 24.689 min Scan# 30

Delta R.T. 0.002 min

Lab File: BG054499.D

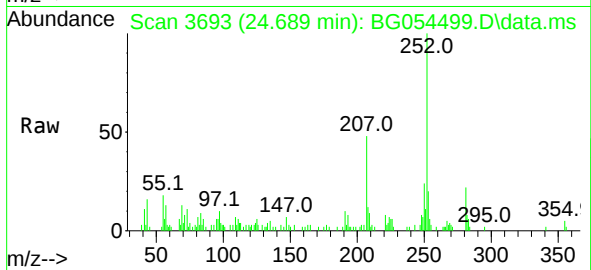
Acq: 3 Aug 2022 14:37

Instrument :

BNA\_G

ClientSampleId :

RVE-137



Tgt Ion:252 Resp: 25311

Ion Ratio Lower Upper

252 100

253 19.9 17.8 26.8

125 5.7 4.3 6.5

