

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080422\  
 Data File : BG054521.D  
 Acq On : 4 Aug 2022 16:19  
 Operator : CG/JU  
 Sample : N4037-01 10X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 600532979-C

Quant Time: Aug 04 16:51:12 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   | 7.984  | 152  | 23785    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.792 | 136  | 92178    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.623 | 164  | 67399    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.373 | 188  | 150663   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.639 | 240  | 163481   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12            | 24.864 | 264  | 167163   | 20.000 | ng    | 0.03     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.575  | 112  | 6900     | 6.057  | ng    | 0.01     |
| 7) Phenol-d6                | 7.191  | 99   | 10019    | 6.418  | ng    | 0.02     |
| 23) Nitrobenzene-d5         | 9.153  | 82   | 7276     | 4.299  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.127 | 330  | 5513     | 3.896  | ng    | 0.01     |
| 45) 2-Fluorobiphenyl        | 13.243 | 172  | 23081    | 4.831  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.976 | 244  | 41449    | 5.030  | ng    | 0.00     |

Target Compounds Qvalue

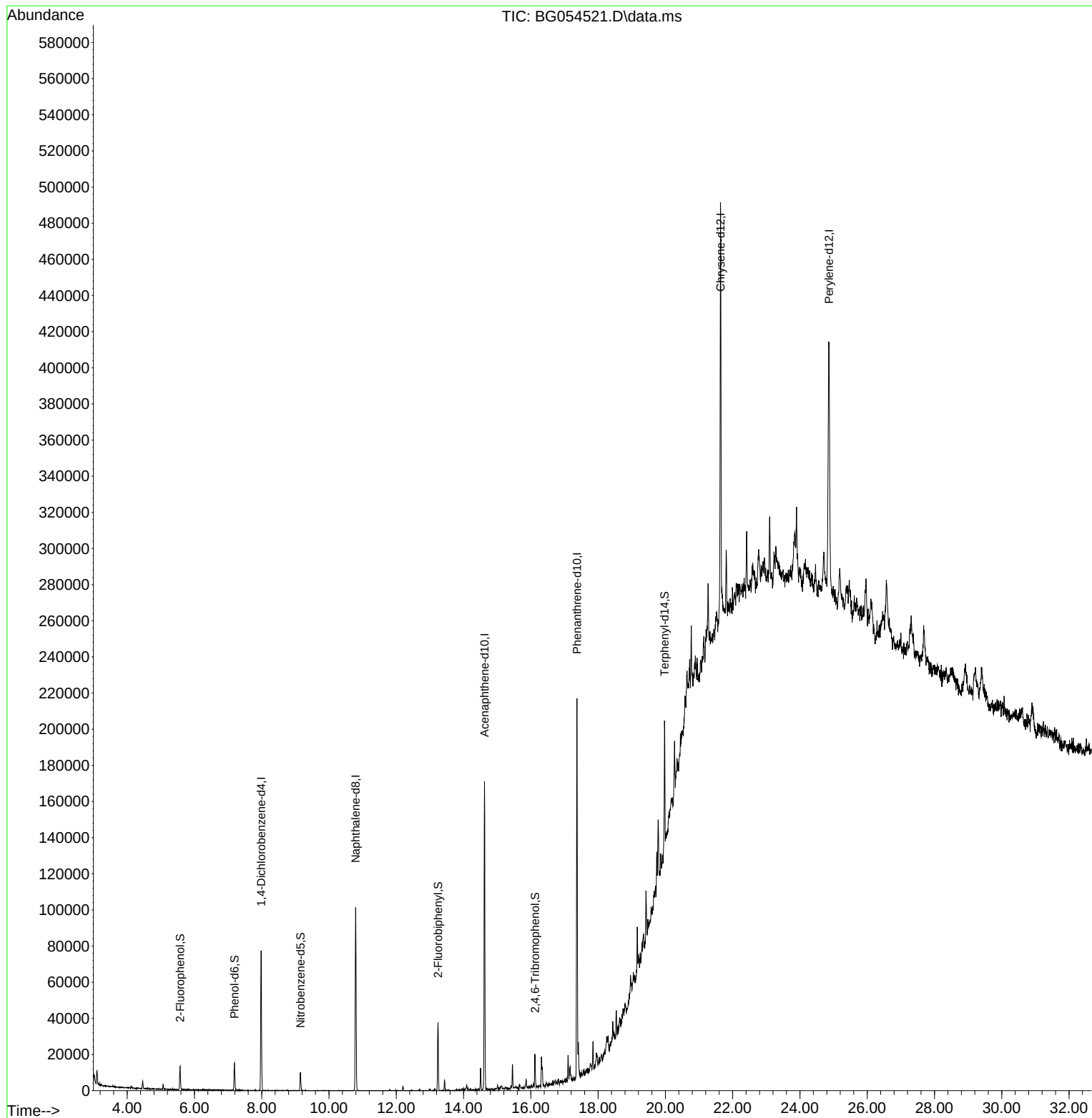
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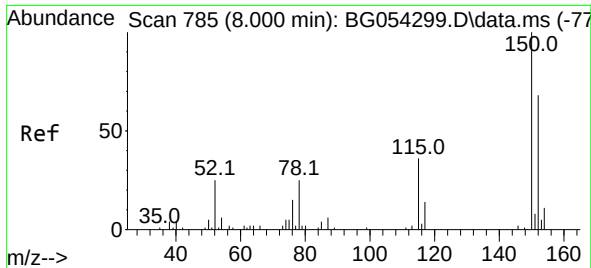
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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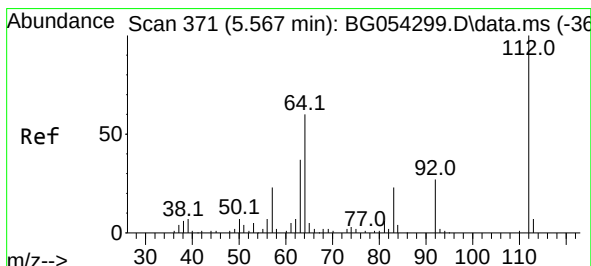
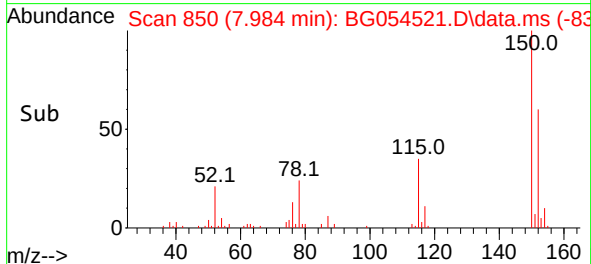
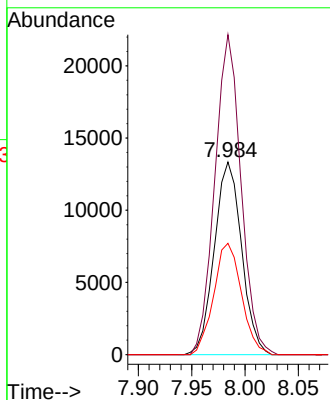
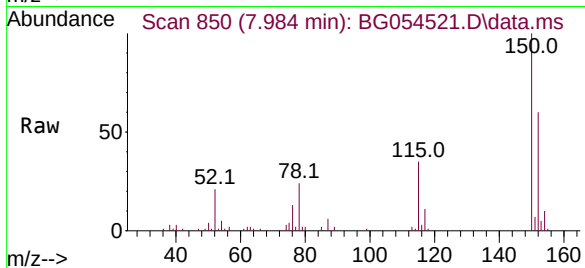




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.984 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG054521.D  
Acq: 4 Aug 2022 16:19

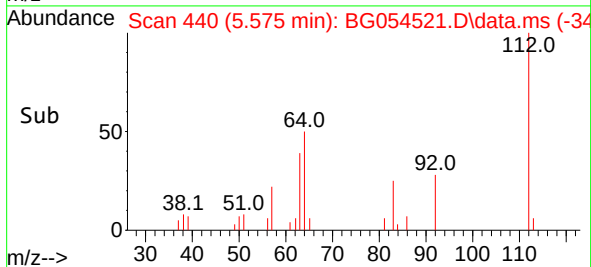
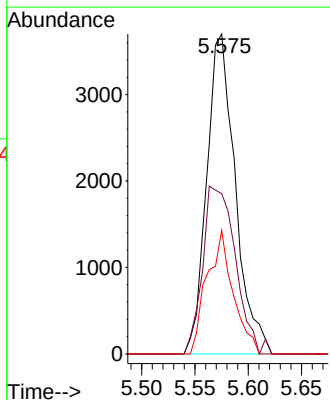
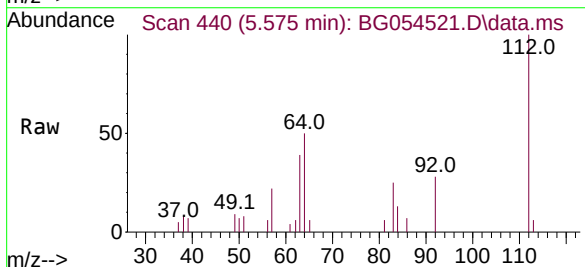
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BNA\_G  
ClientSampleId :  
600532979-C

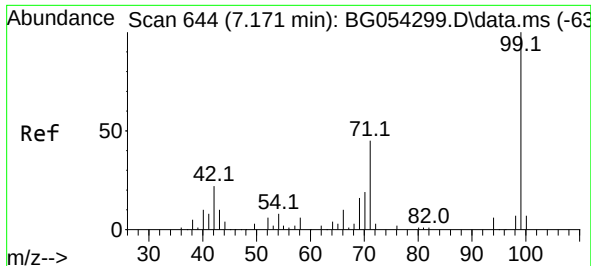
Tgt Ion:152 Resp: 23785  
Ion Ratio Lower Upper  
152 100  
150 166.2 131.6 197.4  
115 57.8 50.9 76.3



#5  
2-Fluorophenol  
Concen: 6.057 ng  
RT: 5.575 min Scan# 440  
Delta R.T. 0.013 min  
Lab File: BG054521.D  
Acq: 4 Aug 2022 16:19

Tgt Ion:112 Resp: 6900  
Ion Ratio Lower Upper  
112 100  
64 50.1 55.1 82.7#  
63 38.5 30.4 45.6

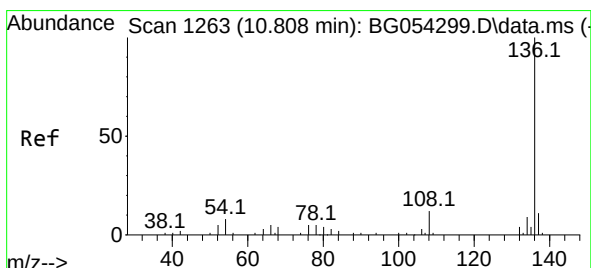
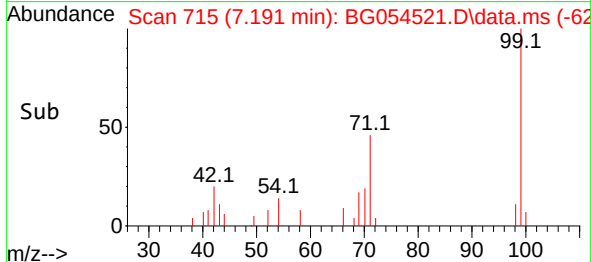
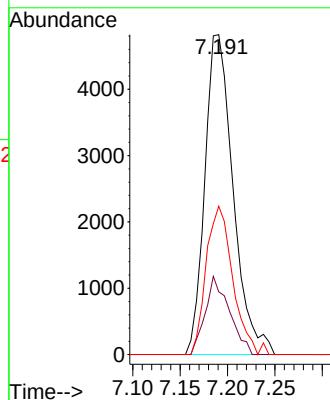
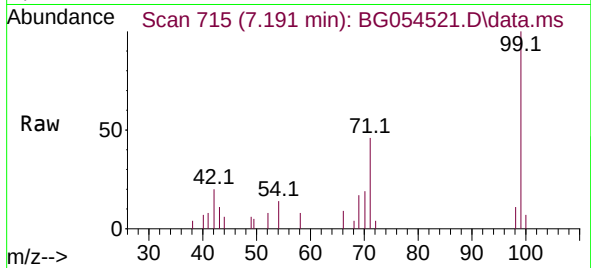




#7  
Phenol-d6  
Concen: 6.418 ng  
RT: 7.191 min Scan# 71  
Delta R.T. 0.019 min  
Lab File: BG054521.D  
Acq: 4 Aug 2022 16:19

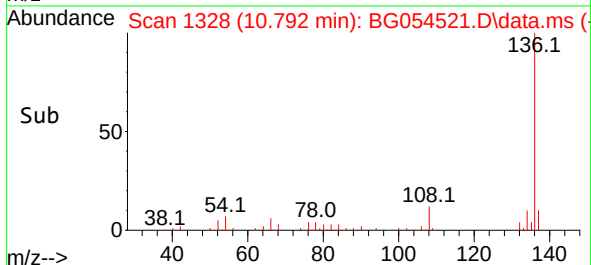
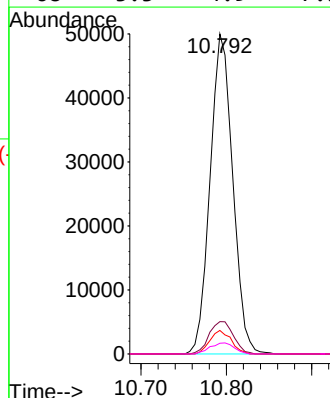
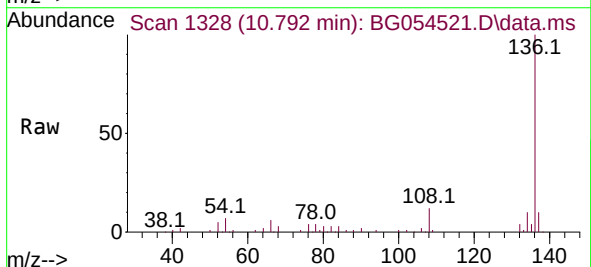
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ClientSampleId :  
600532979-C

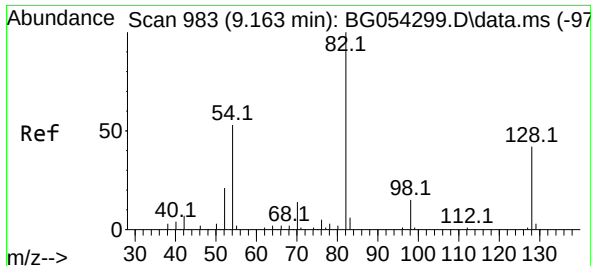
Tgt Ion: 99 Resp: 10019  
Ion Ratio Lower Upper  
99 100  
42 19.6 17.0 25.6  
71 46.4 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.792 min Scan# 1328  
Delta R.T. -0.004 min  
Lab File: BG054521.D  
Acq: 4 Aug 2022 16:19

Tgt Ion: 136 Resp: 92178  
Ion Ratio Lower Upper  
136 100  
137 10.1 8.5 12.7  
54 7.3 7.4 11.2#  
68 3.3 4.9 7.3#

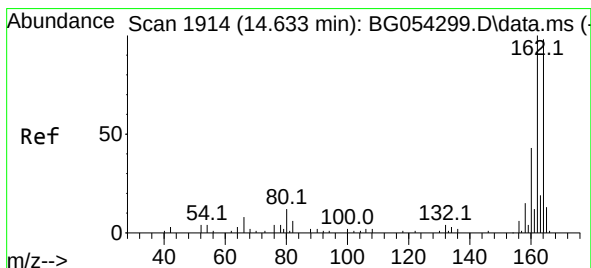
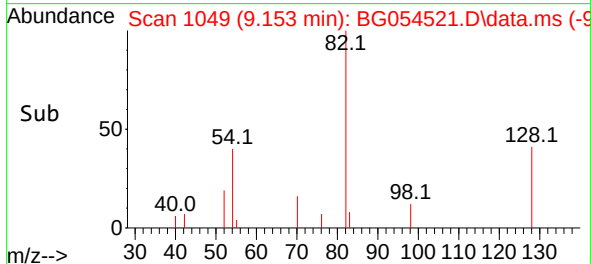
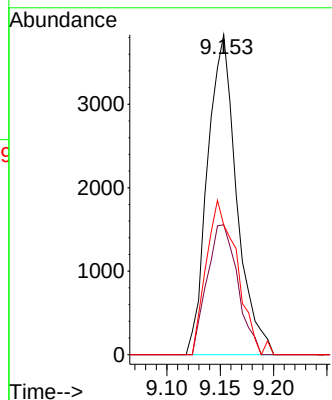
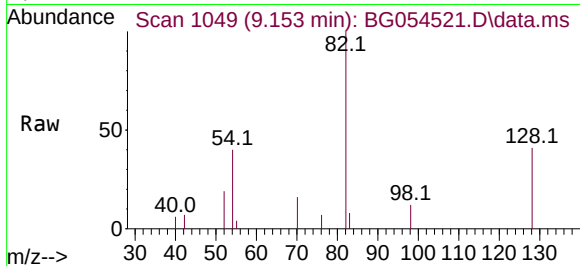




#23  
Nitrobenzene-d5  
Concen: 4.299 ng  
RT: 9.153 min Scan# 1049  
Delta R.T. 0.002 min  
Lab File: BG054521.D  
Acq: 4 Aug 2022 16:19

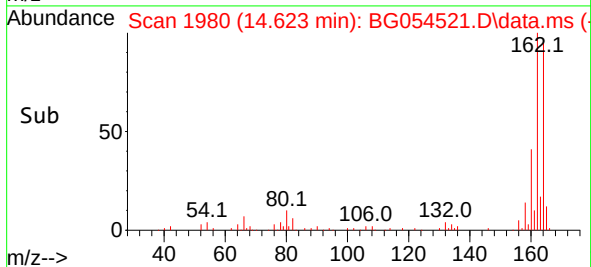
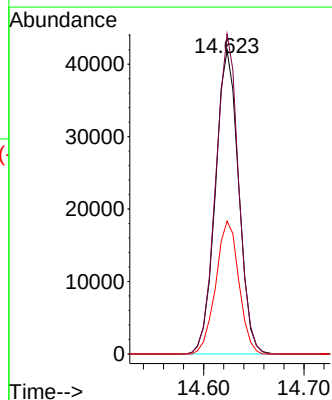
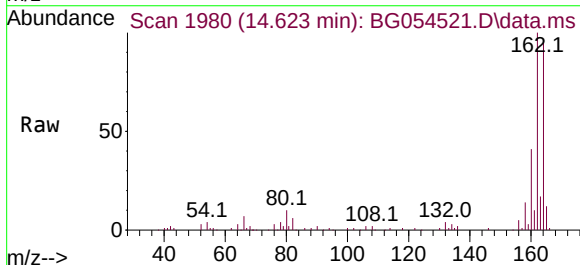
Instrument :  
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ClientSampleId :  
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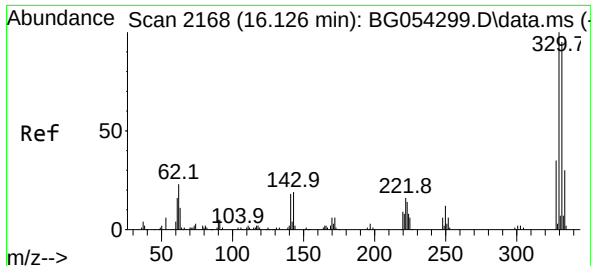
Tgt Ion: 82 Resp: 7276  
Ion Ratio Lower Upper  
82 100  
128 40.6 27.9 41.9  
54 40.5 41.2 61.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.623 min Scan# 1980  
Delta R.T. 0.001 min  
Lab File: BG054521.D  
Acq: 4 Aug 2022 16:19

Tgt Ion:164 Resp: 67399  
Ion Ratio Lower Upper  
164 100  
162 105.4 82.3 123.5  
160 43.7 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 3.896 ng

RT: 16.127 min Scan# 21

Delta R.T. 0.013 min

Lab File: BG054521.D

Acq: 4 Aug 2022 16:19

Instrument :

BNA\_G

ClientSampleId :

600532979-C

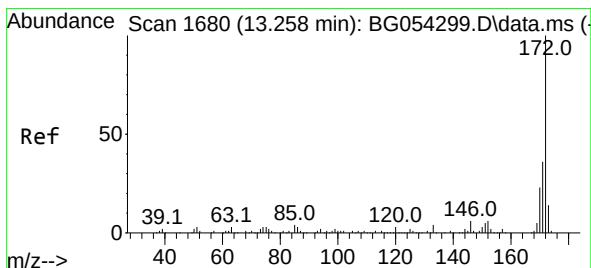
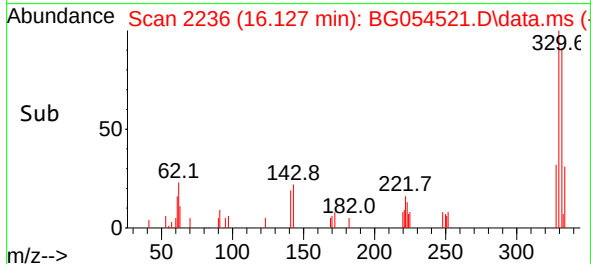
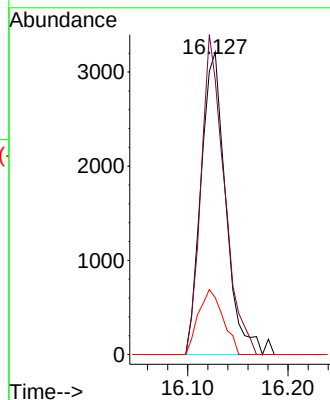
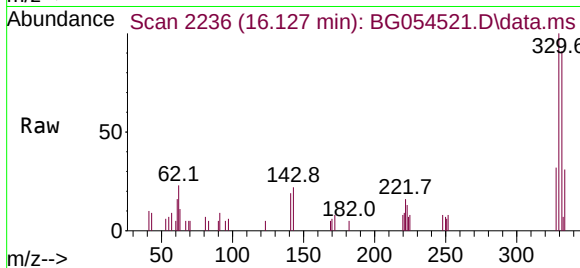
Tgt Ion:330 Resp: 5513

Ion Ratio Lower Upper

330 100

332 99.2 76.0 114.0

141 21.3 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 4.831 ng

RT: 13.243 min Scan# 1745

Delta R.T. -0.004 min

Lab File: BG054521.D

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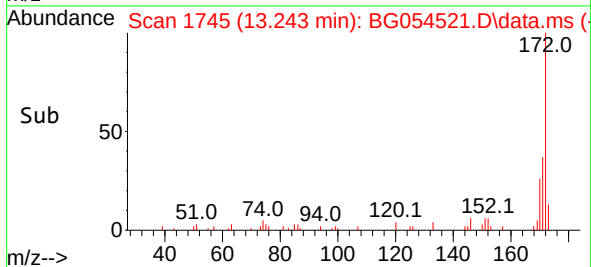
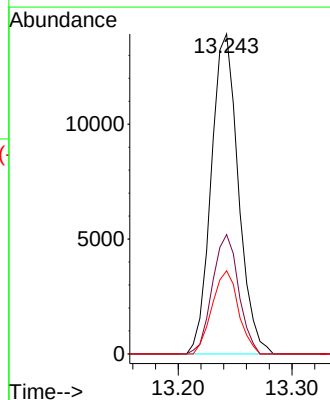
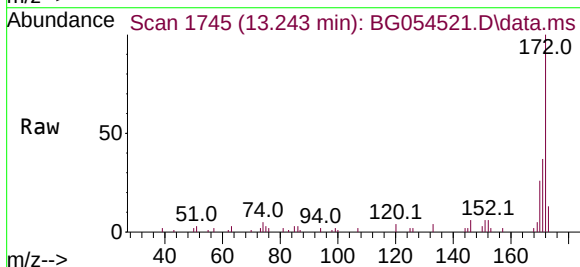
Tgt Ion:172 Resp: 23081

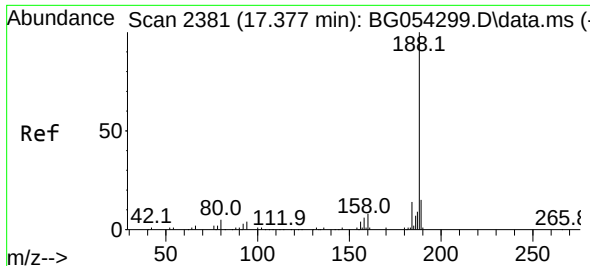
Ion Ratio Lower Upper

172 100

171 37.3 28.5 42.7

170 26.0 18.9 28.3

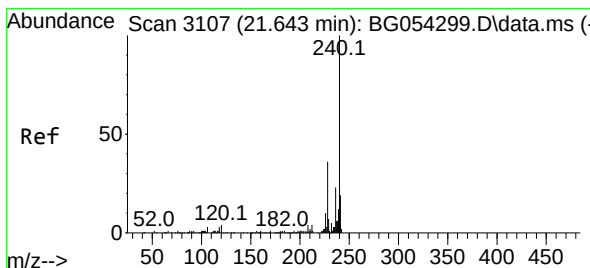
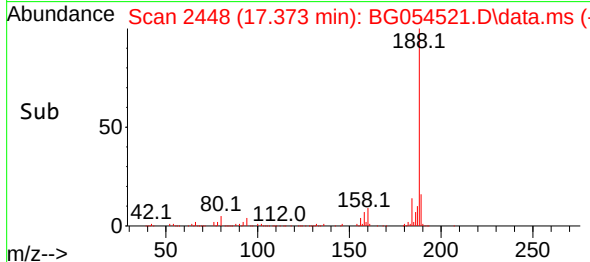
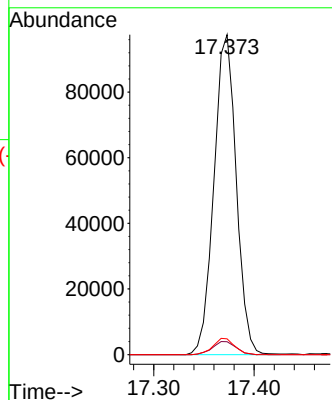
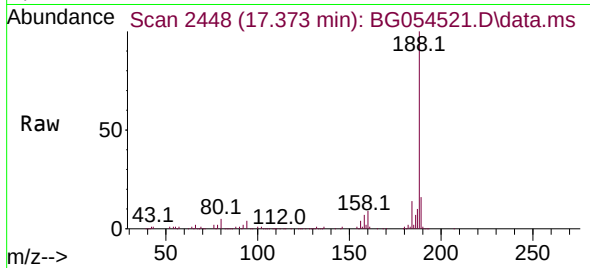




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.373 min Scan# 24  
Delta R.T. 0.001 min  
Lab File: BG054521.D  
Acq: 4 Aug 2022 16:19

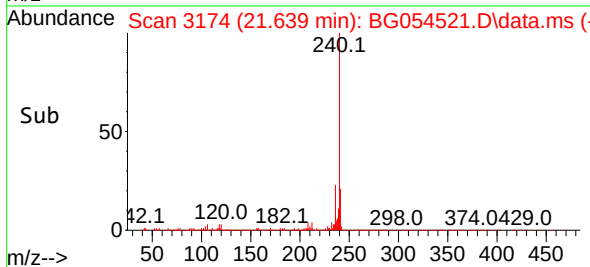
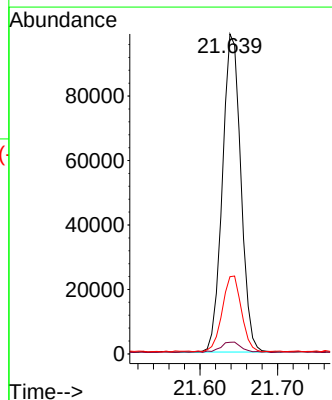
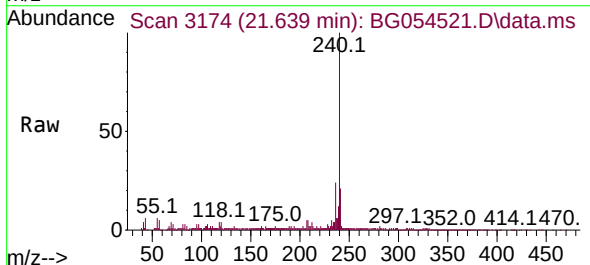
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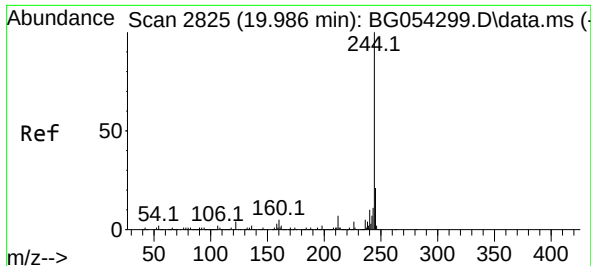
Tgt Ion:188 Resp: 150663  
Ion Ratio Lower Upper  
188 100  
94 4.0 5.4 8.0#  
80 4.9 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.639 min Scan# 3174  
Delta R.T. 0.002 min  
Lab File: BG054521.D  
Acq: 4 Aug 2022 16:19

Tgt Ion:240 Resp: 163481  
Ion Ratio Lower Upper  
240 100  
120 3.6 4.6 7.0#  
236 24.1 20.2 30.4

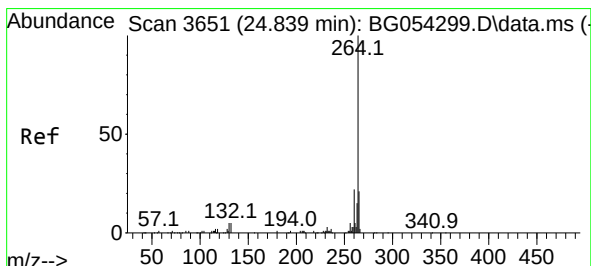
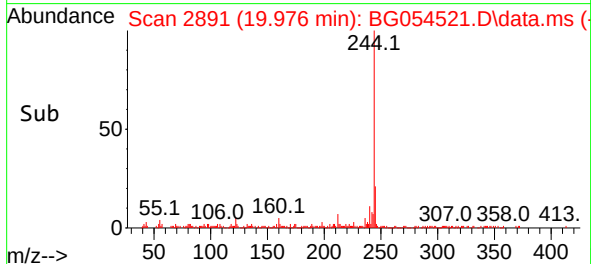
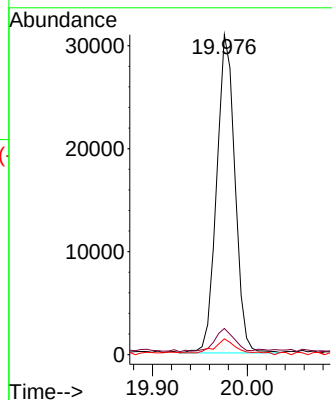
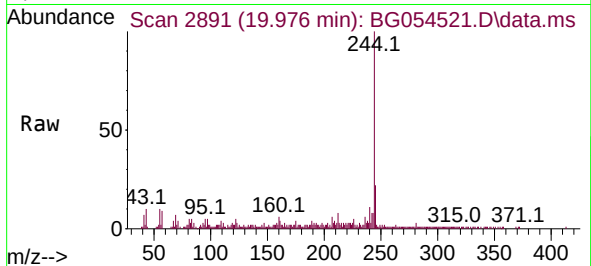




#79  
 Terphenyl-d14  
 Concen: 5.030 ng  
 RT: 19.976 min Scan# 2825  
 Delta R.T. -0.004 min  
 Lab File: BG054521.D  
 Acq: 4 Aug 2022 16:19

Instrument :  
 BNA\_G  
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Tgt Ion:244 Resp: 41449  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.5 9.7  
 122 4.9 5.0 7.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.864 min Scan# 3723  
 Delta R.T. 0.031 min  
 Lab File: BG054521.D  
 Acq: 4 Aug 2022 16:19

Tgt Ion:264 Resp: 167163  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.0 28.6  
 265 22.2 17.4 26.2

