

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082422\  
 Data File : BG054722.D  
 Acq On : 24 Aug 2022 16:16  
 Operator : CG/JU  
 Sample : N4261-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 C5

Quant Time: Aug 25 03:08:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 23 03:09:46 2022  
 Response via : Initial Calibration

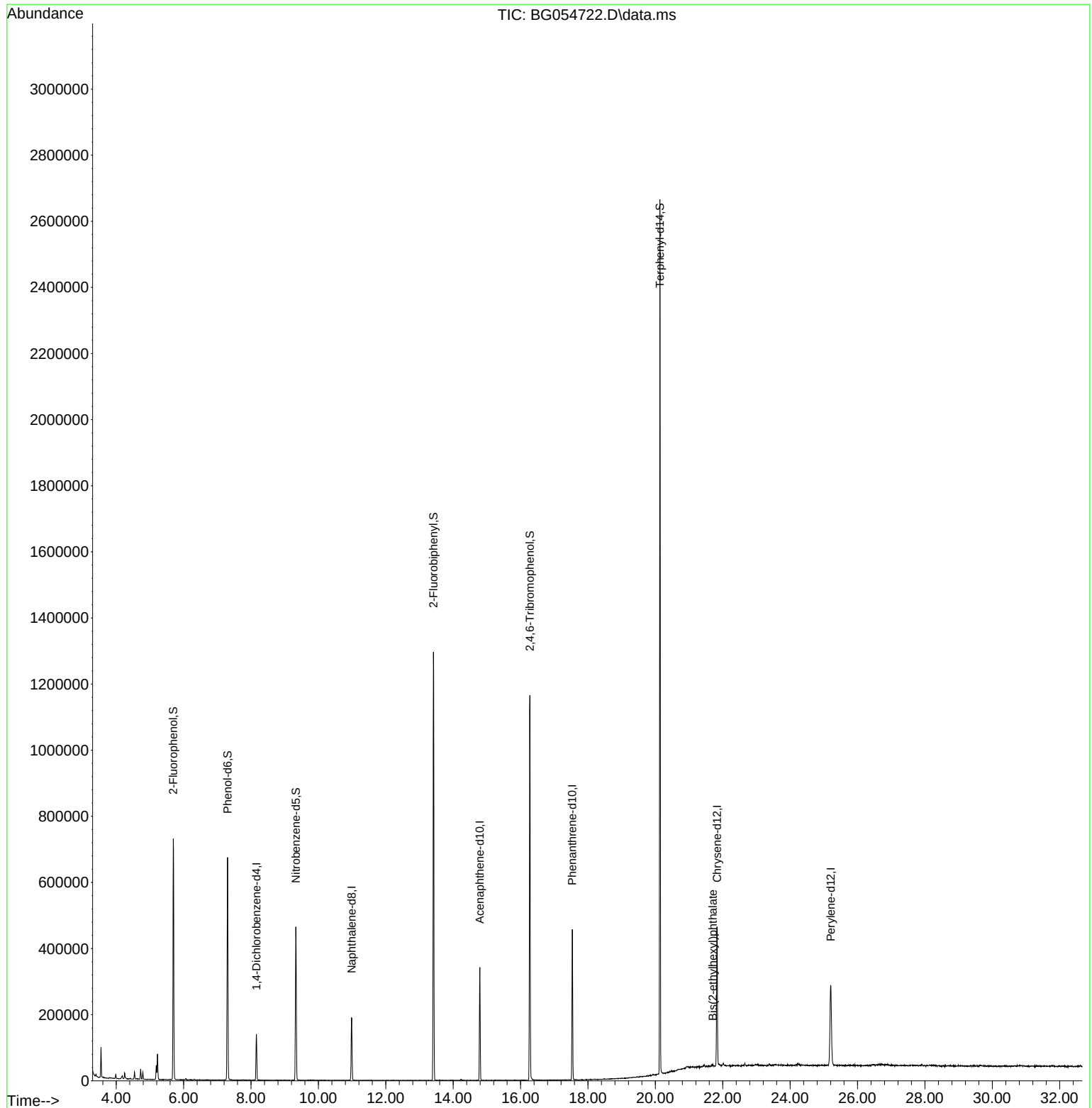
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.161  | 152  | 41809    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.981 | 136  | 171147   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.789 | 164  | 122468   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.533 | 188  | 299826   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.828 | 240  | 266152   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.200 | 264  | 276164   | 20.000  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.694  | 112  | 326918   | 147.349 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.303  | 99   | 406415   | 130.730 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.330  | 82   | 294943   | 98.211  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.275 | 330  | 235207   | 239.818 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.414 | 172  | 690892   | 83.194  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.135 | 244  | 1275885  | 95.228  | ng    | 0.00     |
|                               |        |      |          |         |       |          |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 84) Bis(2-ethylhexyl)phtha... | 21.704 | 149  | 2973     | 4.492   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

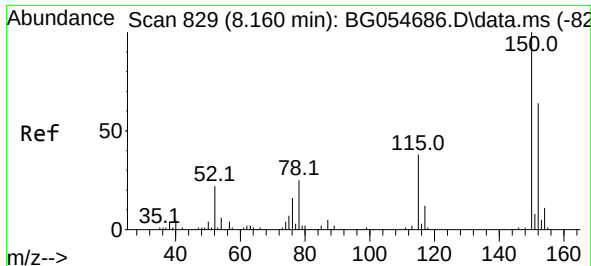
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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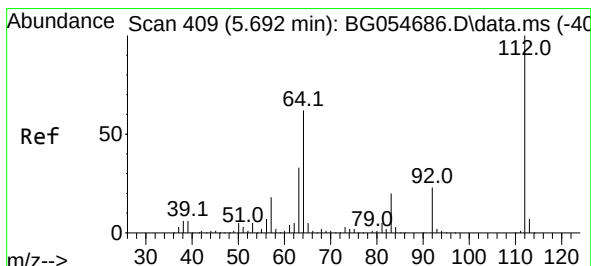
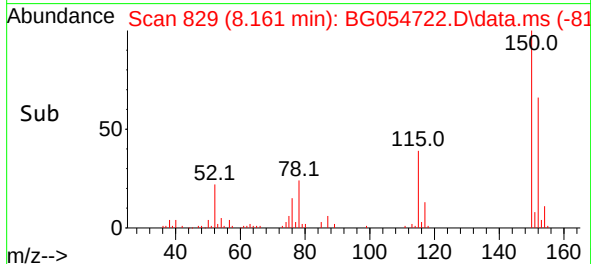
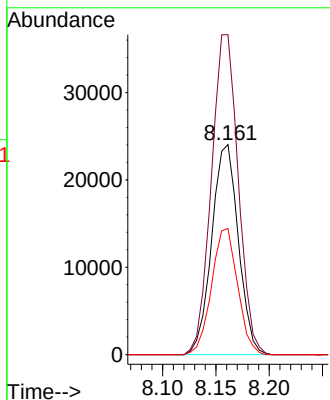
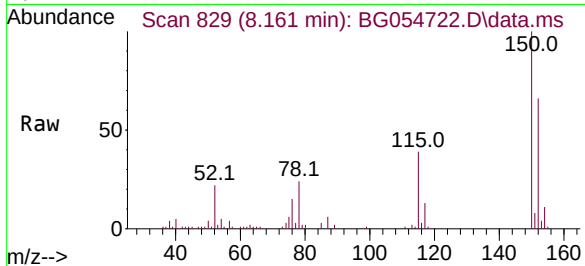




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.161 min Scan# 81  
 Delta R.T. 0.001 min  
 Lab File: BG054722.D  
 Acq: 24 Aug 2022 16:16

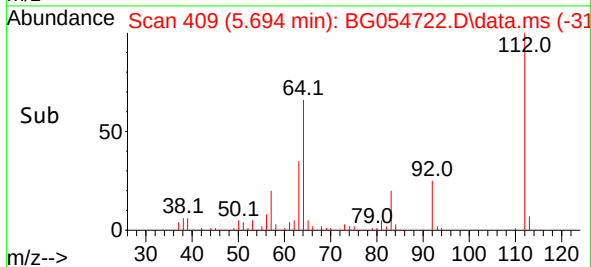
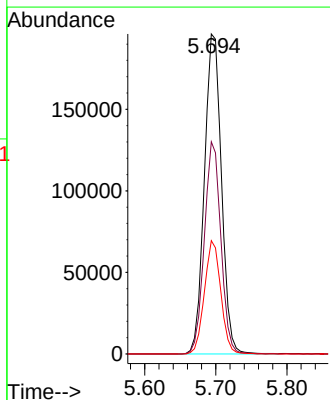
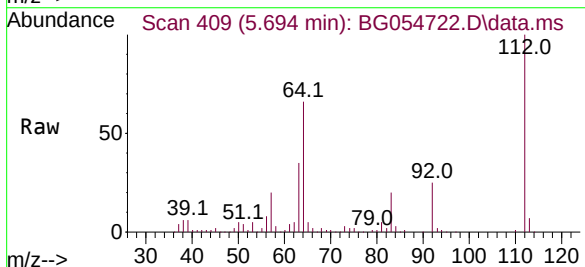
Instrument :  
 BNA\_G  
 ClientSampleId :  
 C5

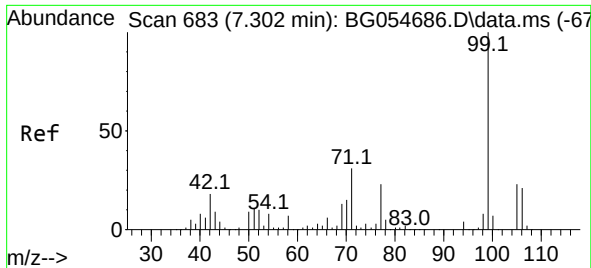
Tgt Ion:152 Resp: 41809  
 Ion Ratio Lower Upper  
 152 100  
 150 152.3 125.2 187.8  
 115 60.0 47.9 71.9



#5  
 2-Fluorophenol  
 Concen: 147.349 ng  
 RT: 5.694 min Scan# 409  
 Delta R.T. 0.002 min  
 Lab File: BG054722.D  
 Acq: 24 Aug 2022 16:16

Tgt Ion:112 Resp: 326918  
 Ion Ratio Lower Upper  
 112 100  
 64 66.3 49.3 73.9  
 63 35.4 26.3 39.5

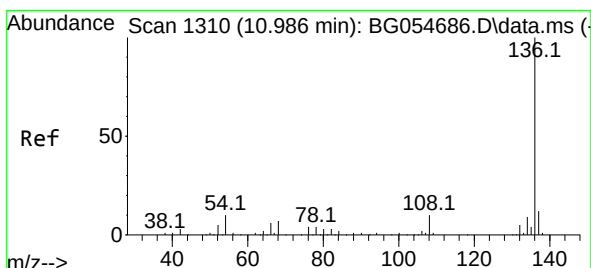
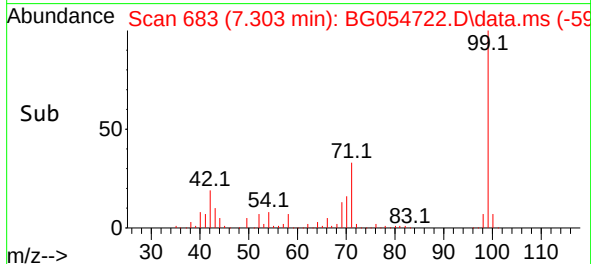
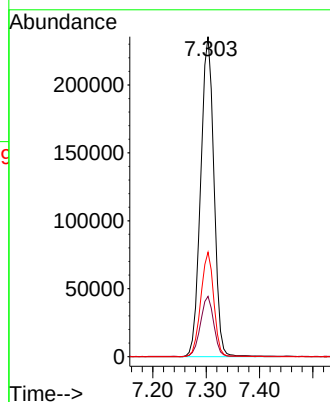
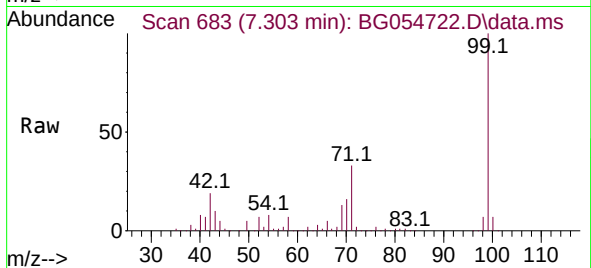




#7  
Phenol-d6  
Concen: 130.730 ng  
RT: 7.303 min Scan# 683  
Delta R.T. 0.002 min  
Lab File: BG054722.D  
Acq: 24 Aug 2022 16:16

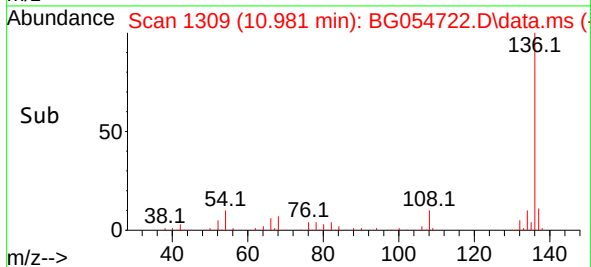
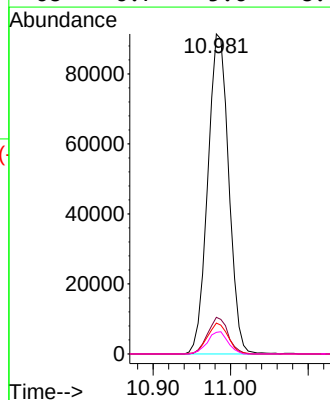
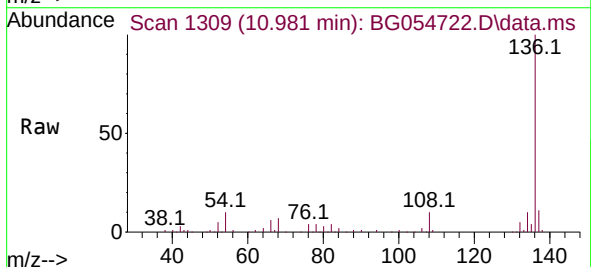
Instrument :  
BNA\_G  
ClientSampleId :  
C5

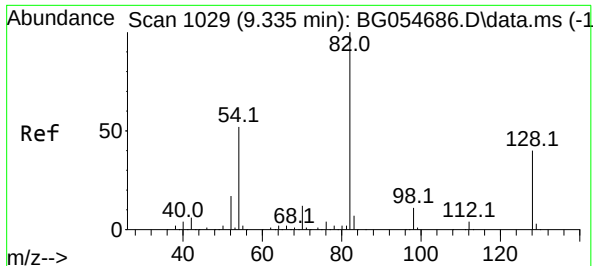
Tgt Ion: 99 Resp: 406415  
Ion Ratio Lower Upper  
99 100  
42 18.8 14.6 22.0  
71 32.7 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.981 min Scan# 1309  
Delta R.T. -0.005 min  
Lab File: BG054722.D  
Acq: 24 Aug 2022 16:16

Tgt Ion: 136 Resp: 171147  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.2 13.8  
54 9.6 7.7 11.5  
68 6.7 5.6 8.4





#23

Nitrobenzene-d5

Concen: 98.211 ng

RT: 9.330 min Scan# 1029

Delta R.T. -0.004 min

Lab File: BG054722.D

Acq: 24 Aug 2022 16:16

Instrument :

BNA\_G

ClientSampleId :

C5

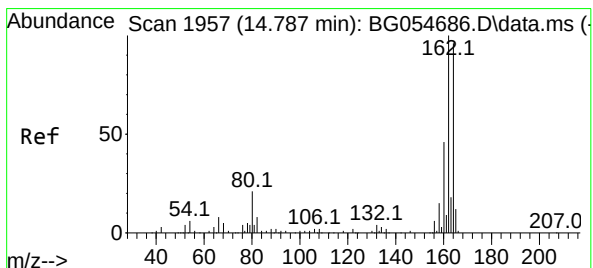
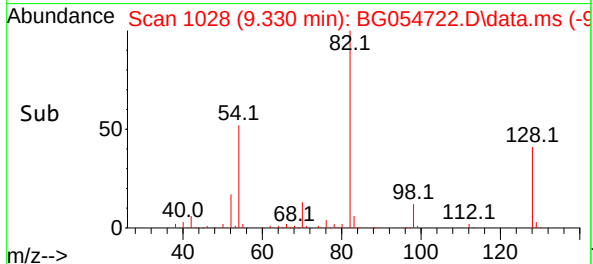
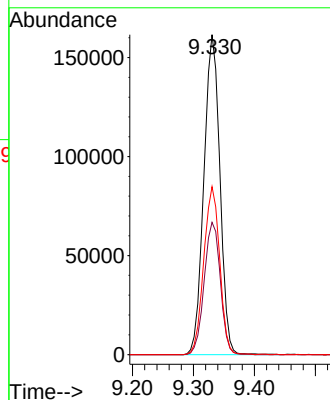
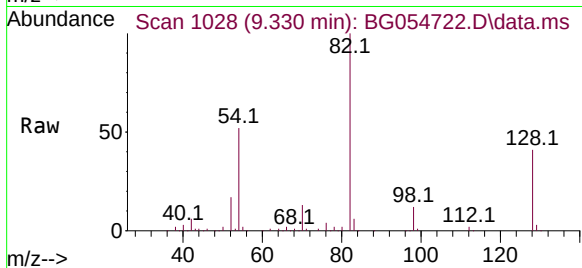
Tgt Ion: 82 Resp: 294943

Ion Ratio Lower Upper

82 100

128 41.4 32.2 48.2

54 52.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.789 min Scan# 1957

Delta R.T. 0.002 min

Lab File: BG054722.D

Acq: 24 Aug 2022 16:16

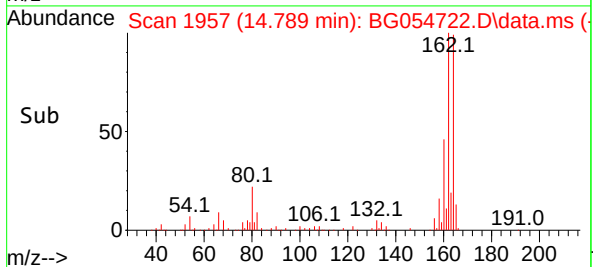
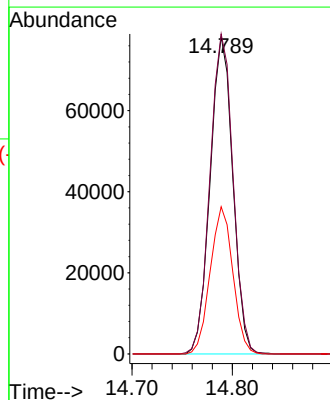
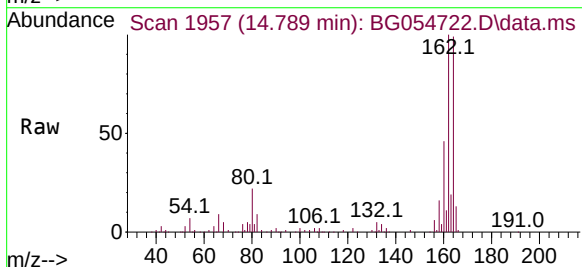
Tgt Ion:164 Resp: 122468

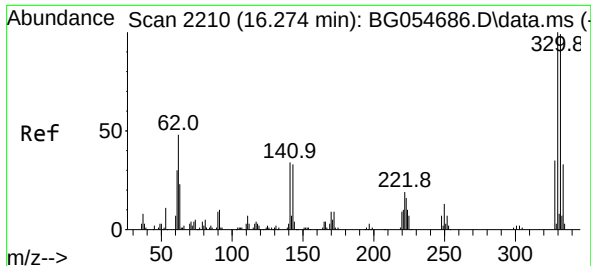
Ion Ratio Lower Upper

164 100

162 100.8 83.0 124.4

160 46.3 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 239.818 ng

RT: 16.275 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG054722.D

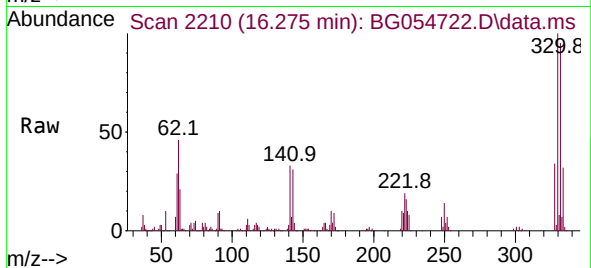
Acq: 24 Aug 2022 16:16

Instrument :

BNA\_G

ClientSampleId :

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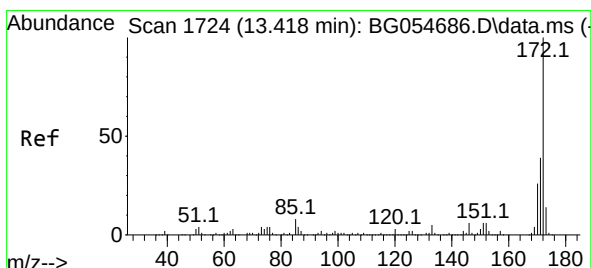
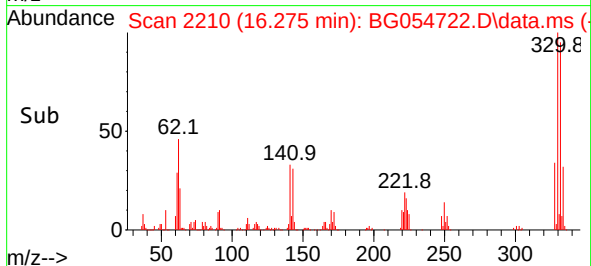
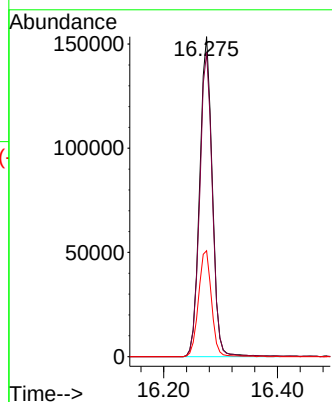
Tgt Ion:330 Resp: 235207

Ion Ratio Lower Upper

330 100

332 95.8 79.8 119.6

141 34.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 83.194 ng

RT: 13.414 min Scan# 1723

Delta R.T. -0.004 min

Lab File: BG054722.D

Acq: 24 Aug 2022 16:16

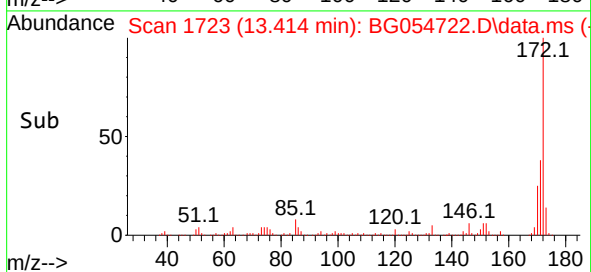
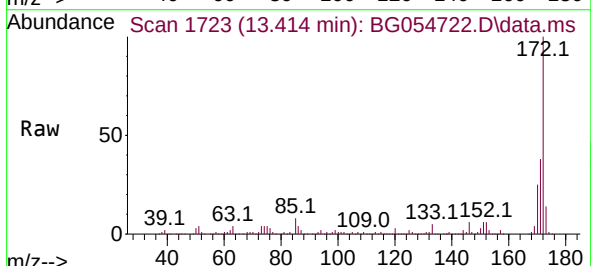
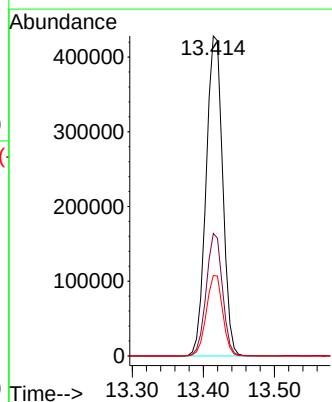
Tgt Ion:172 Resp: 690892

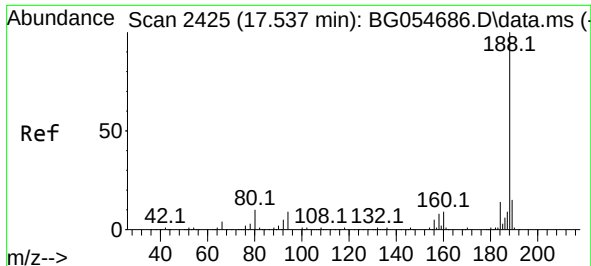
Ion Ratio Lower Upper

172 100

171 38.3 31.2 46.8

170 25.1 20.6 30.8

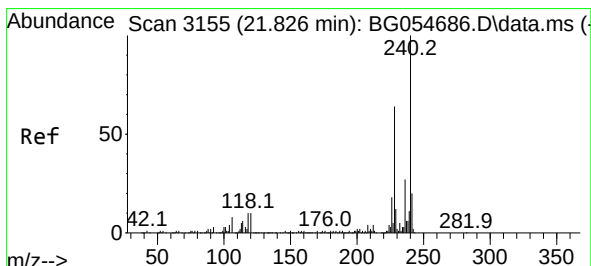
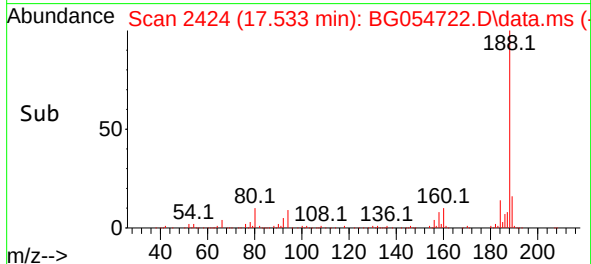
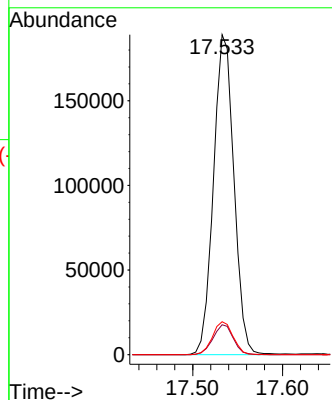
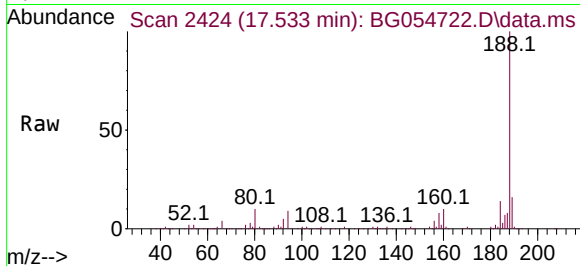




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.533 min Scan# 24  
Delta R.T. -0.004 min  
Lab File: BG054722.D  
Acq: 24 Aug 2022 16:16

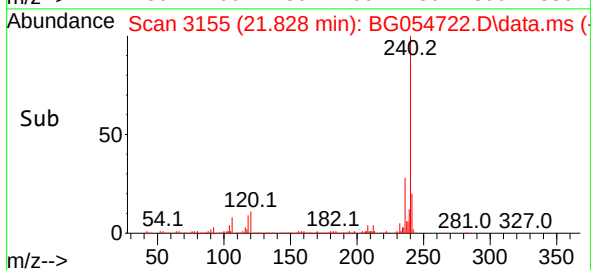
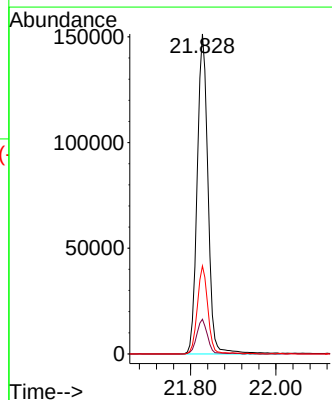
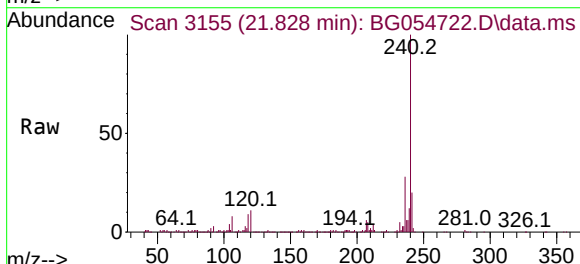
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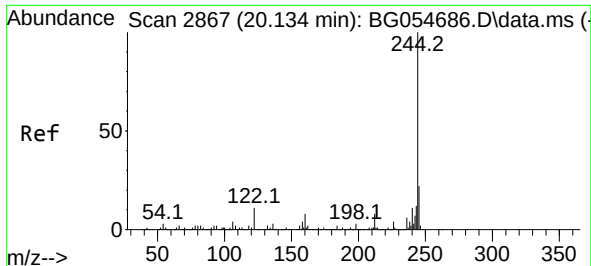
Tgt Ion:188 Resp: 299826  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.0 10.4  
80 10.3 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.828 min Scan# 3155  
Delta R.T. 0.002 min  
Lab File: BG054722.D  
Acq: 24 Aug 2022 16:16

Tgt Ion:240 Resp: 266152  
Ion Ratio Lower Upper  
240 100  
120 10.8 8.2 12.4  
236 27.5 21.2 31.8

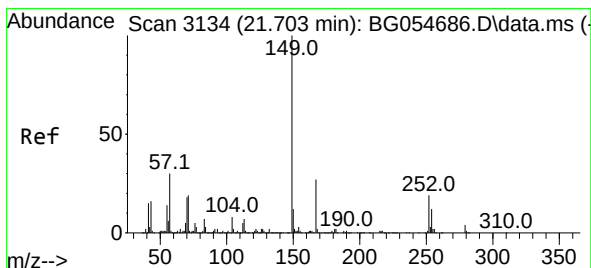
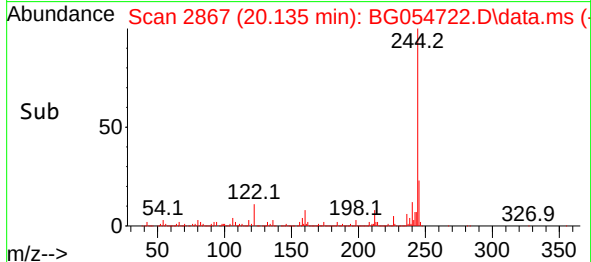
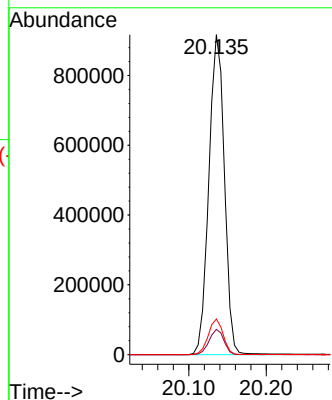
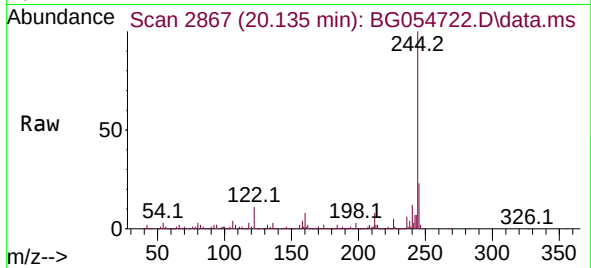




#79  
 Terphenyl-d14  
 Concen: 95.228 ng  
 RT: 20.135 min Scan# 2867  
 Delta R.T. 0.002 min  
 Lab File: BG054722.D  
 Acq: 24 Aug 2022 16:16

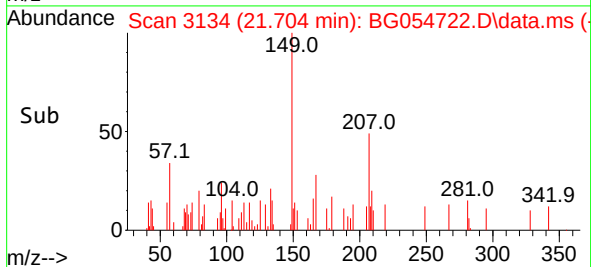
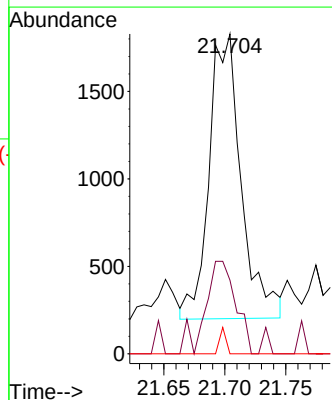
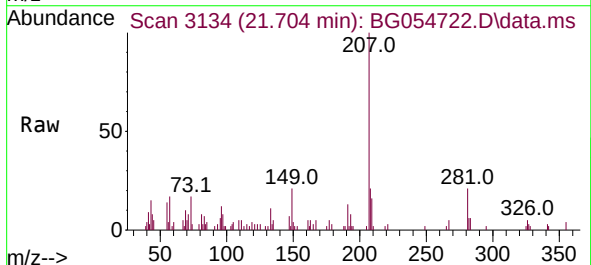
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Tgt Ion:244 Resp: 1275885  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.2 9.2  
 122 11.1 9.0 13.6

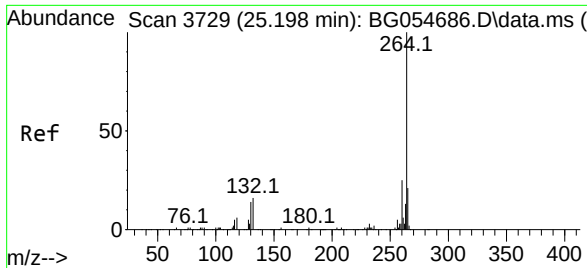


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 4.492 ng  
 RT: 21.704 min Scan# 3134  
 Delta R.T. 0.001 min  
 Lab File: BG054722.D  
 Acq: 24 Aug 2022 16:16

Tgt Ion:149 Resp: 2973  
 Ion Ratio Lower Upper  
 149 100  
 167 23.0 21.4 32.0  
 279 0.0 3.1 4.7#







#86

Perylene-d12

Concen: 20.000 ng

RT: 25.200 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG054722.D

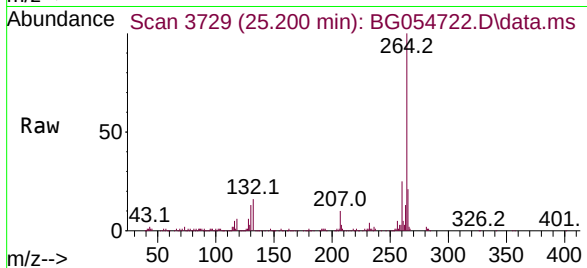
Acq: 24 Aug 2022 16:16

Instrument :

BNA\_G

ClientSampleId :

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Tgt Ion:264 Resp: 276164

Ion Ratio Lower Upper

264 100

260 24.9 19.9 29.9

265 21.4 16.9 25.3

