

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG020923\  
 Data File : BG056596.D  
 Acq On : 9 Feb 2023 13:05  
 Operator : CG/JU  
 Sample : PB150715TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150715TB

Quant Time: Feb 10 00:14:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG012723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 08 03:02:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.258  | 152  | 31553    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 11.096 | 136  | 124072   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.886 | 164  | 101087   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.624 | 188  | 271524   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.913 | 240  | 255944   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.326 | 264  | 274388   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.784  | 112  | 256876   | 149.762 | ng    | 0.00     |
| 7) Phenol-d6                | 7.412  | 99   | 345560   | 135.972 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.439  | 82   | 184020   | 84.222  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.372 | 330  | 165375   | 123.057 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.511 | 172  | 625506   | 85.789  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.203 | 244  | 1292047  | 88.664  | ng    | 0.00     |

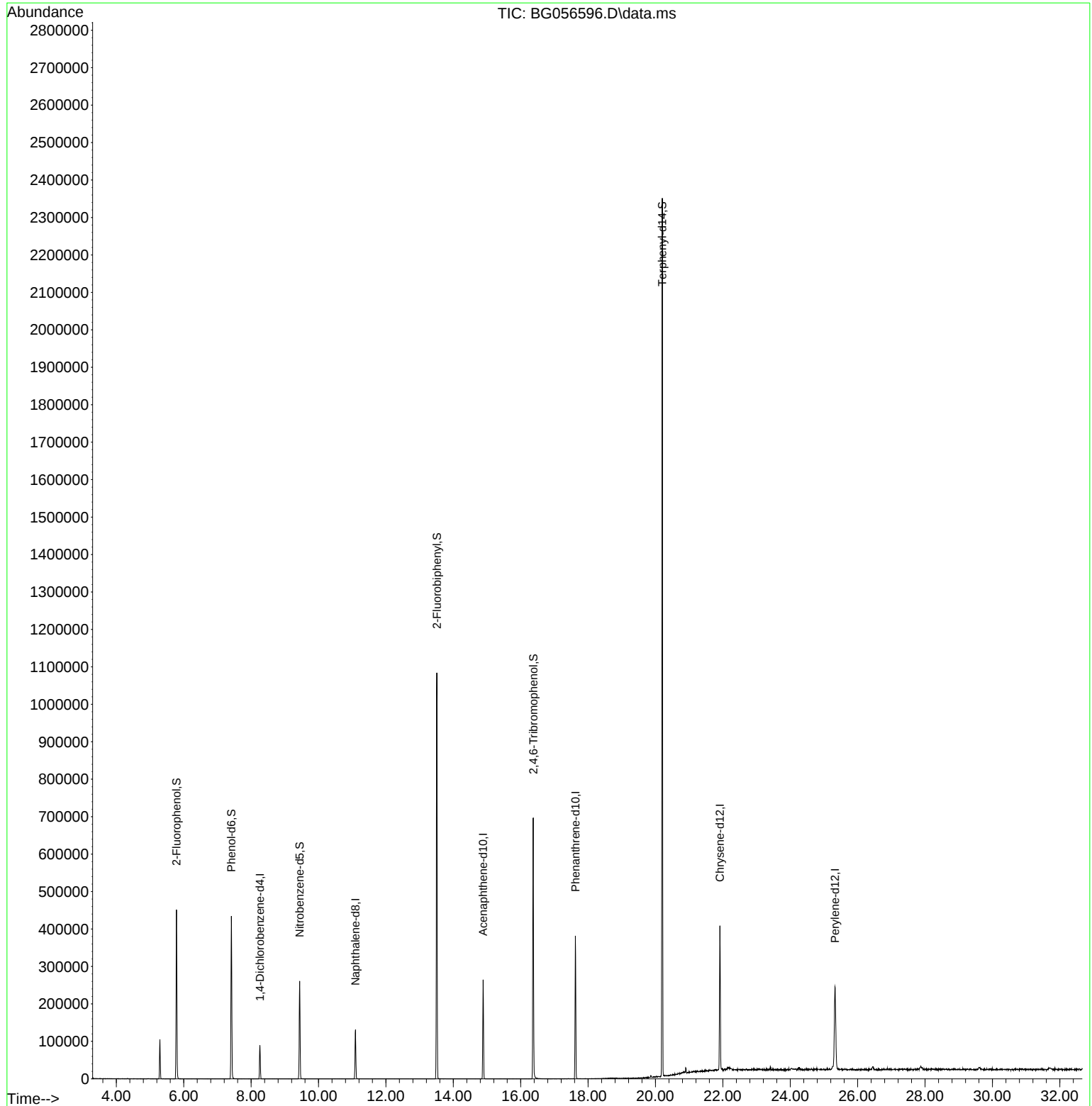
Target Compounds Qvalue

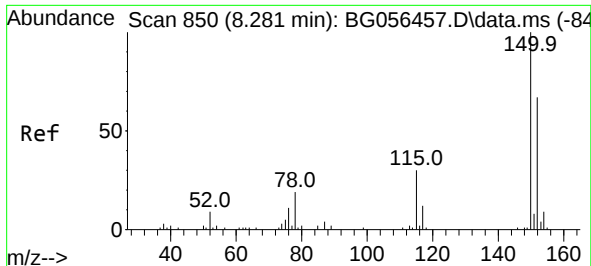
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 08 03:02:11 2023  
Response via : Initial Calibration

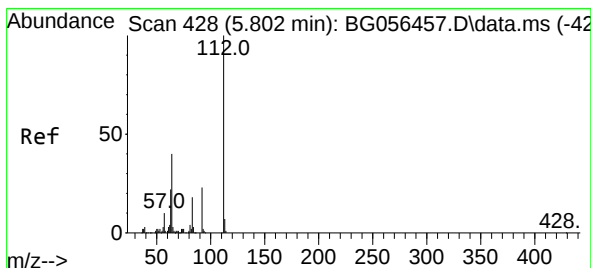
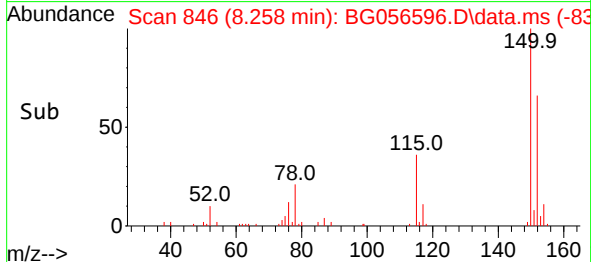
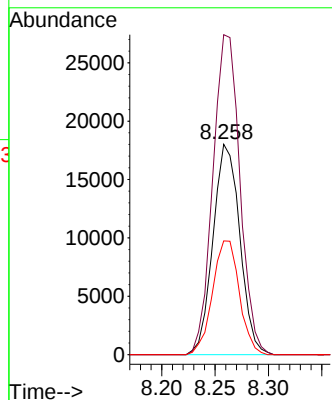
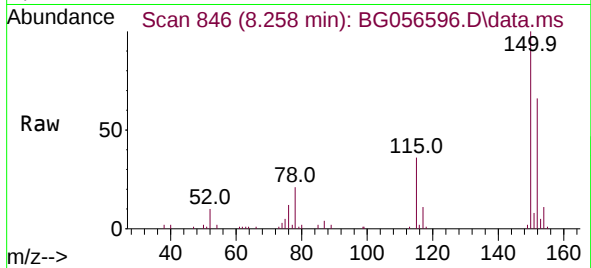




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.258 min Scan# 84  
Delta R.T. -0.011 min  
Lab File: BG056596.D  
Acq: 9 Feb 2023 13:05

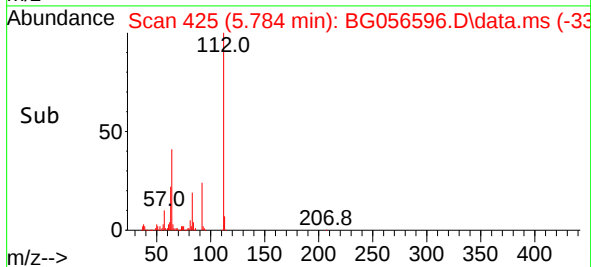
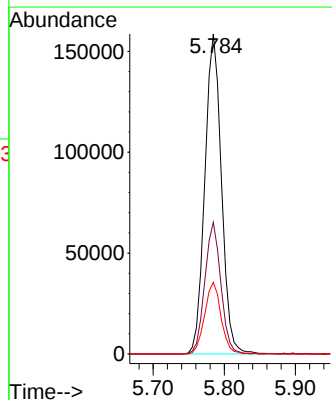
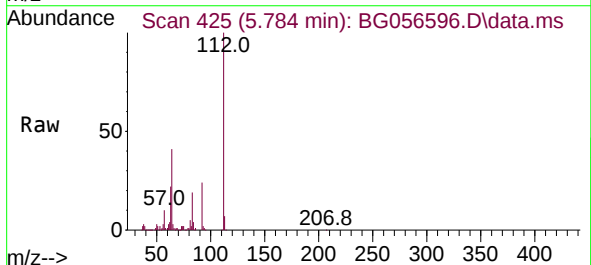
Instrument :  
BNA\_G  
ClientSampleId :  
PB150715TB

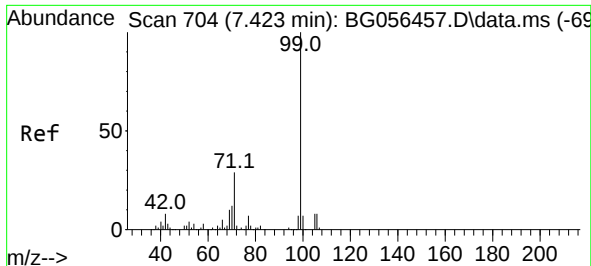
Tgt Ion:152 Resp: 31553  
Ion Ratio Lower Upper  
152 100  
150 152.2 120.2 180.4  
115 54.0 36.3 54.5



#5  
2-Fluorophenol  
Concen: 149.762 ng  
RT: 5.784 min Scan# 425  
Delta R.T. -0.006 min  
Lab File: BG056596.D  
Acq: 9 Feb 2023 13:05

Tgt Ion:112 Resp: 256876  
Ion Ratio Lower Upper  
112 100  
64 41.1 31.9 47.9  
63 22.3 17.4 26.0

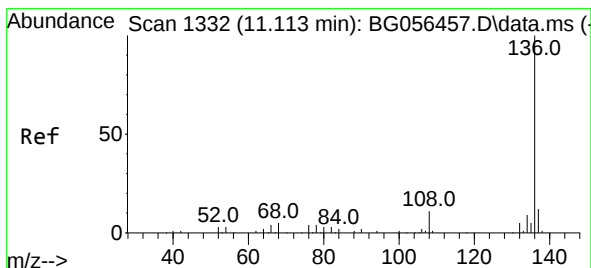
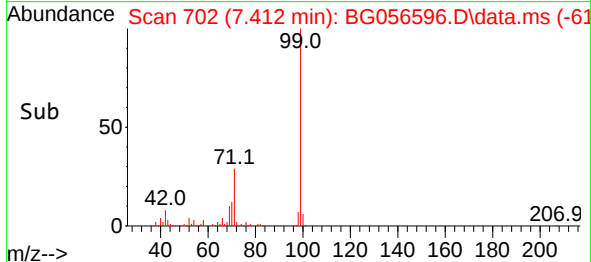
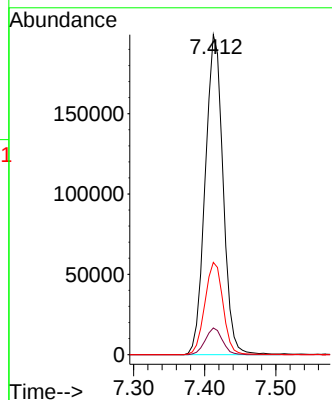
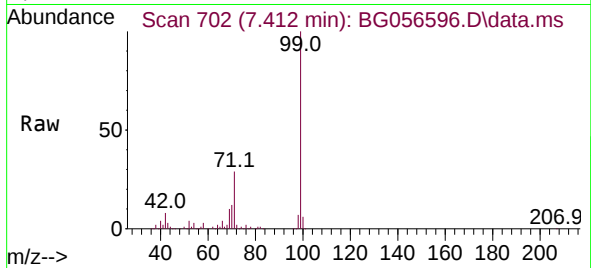




#7  
Phenol-d6  
Concen: 135.972 ng  
RT: 7.412 min Scan# 704  
Delta R.T. -0.006 min  
Lab File: BG056596.D  
Acq: 9 Feb 2023 13:05

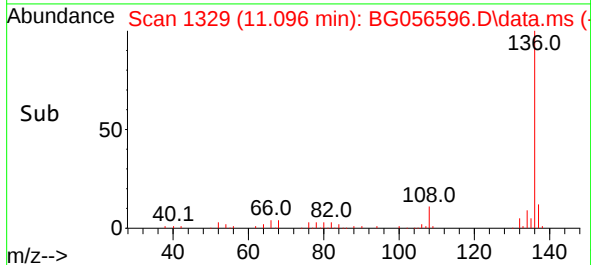
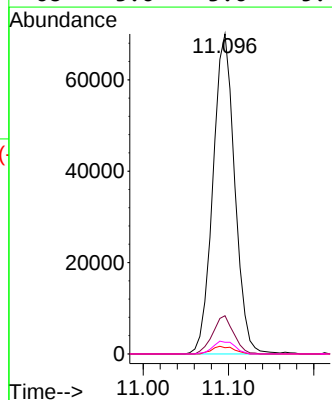
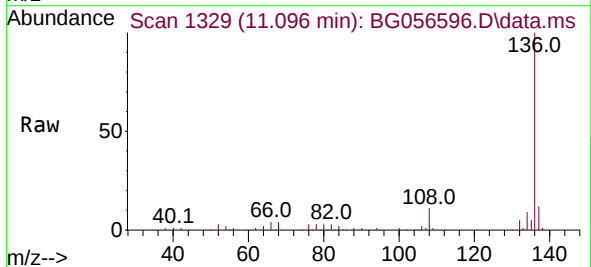
Instrument :  
BNA\_G  
ClientSampleId :  
PB150715TB

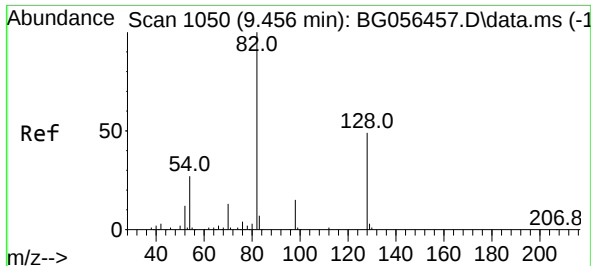
Tgt Ion: 99 Resp: 345560  
Ion Ratio Lower Upper  
99 100  
42 8.3 6.6 10.0  
71 28.9 23.4 35.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.096 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BG056596.D  
Acq: 9 Feb 2023 13:05

Tgt Ion:136 Resp: 124072  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.4 14.0  
54 2.0 2.2 3.4#  
68 3.6 3.6 5.4

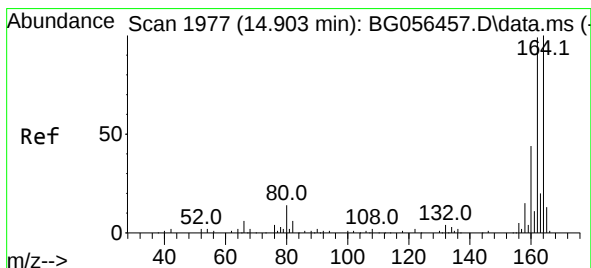
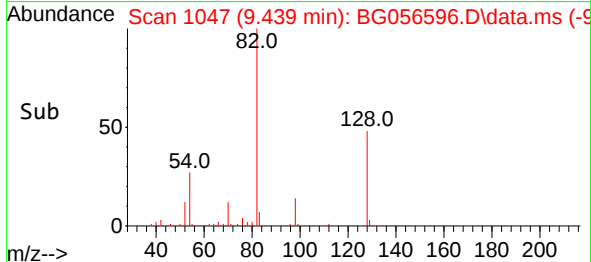
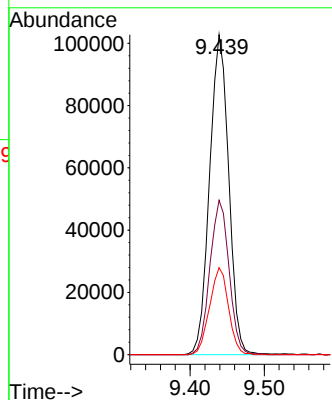
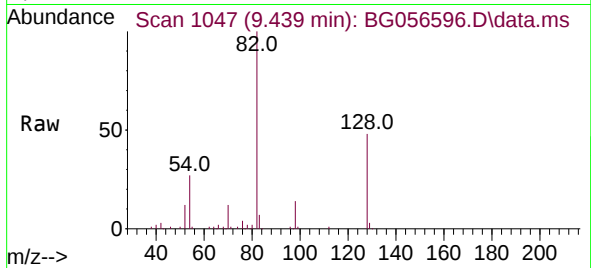




#23  
Nitrobenzene-d5  
Concen: 84.222 ng  
RT: 9.439 min Scan# 1047  
Delta R.T. -0.006 min  
Lab File: BG056596.D  
Acq: 9 Feb 2023 13:05

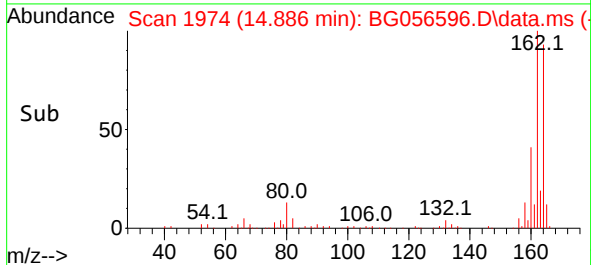
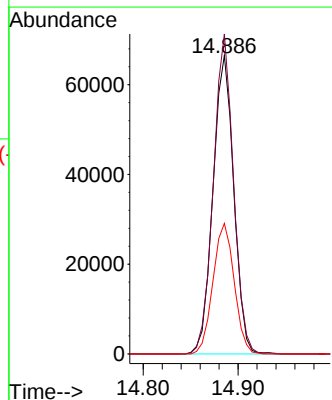
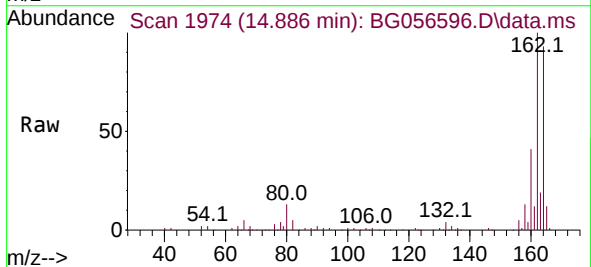
Instrument :  
BNA\_G  
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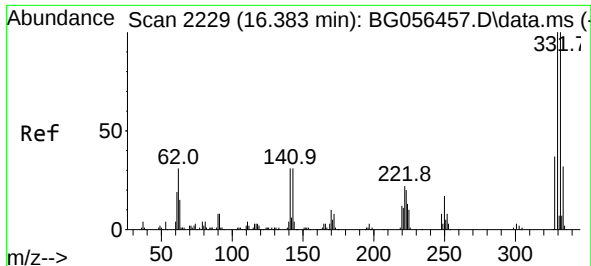
Tgt Ion: 82 Resp: 184020  
Ion Ratio Lower Upper  
82 100  
128 48.2 39.4 59.2  
54 27.2 21.4 32.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.886 min Scan# 1974  
Delta R.T. -0.006 min  
Lab File: BG056596.D  
Acq: 9 Feb 2023 13:05

Tgt Ion:164 Resp: 101087  
Ion Ratio Lower Upper  
164 100  
162 107.2 79.6 119.4  
160 43.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 123.057 ng

RT: 16.372 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056596.D

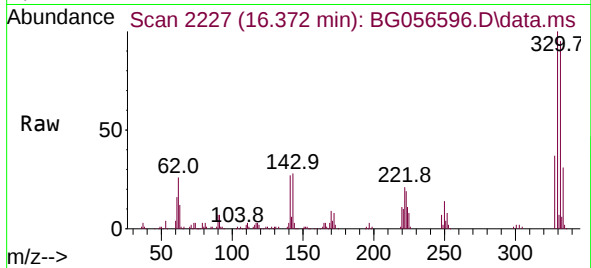
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Instrument :

BNA\_G

ClientSampleId :

PB150715TB



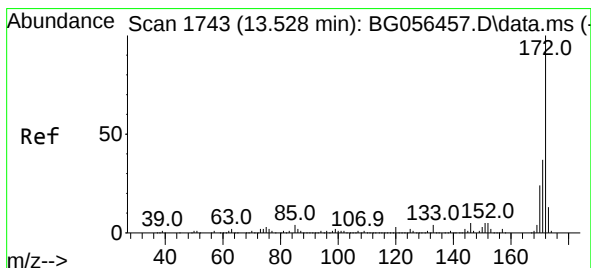
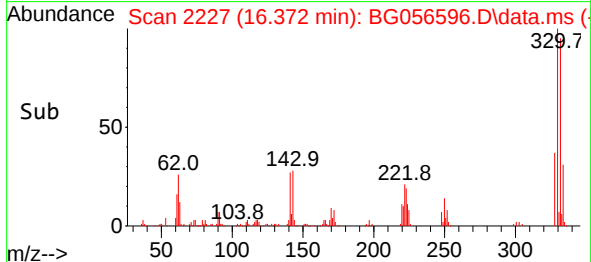
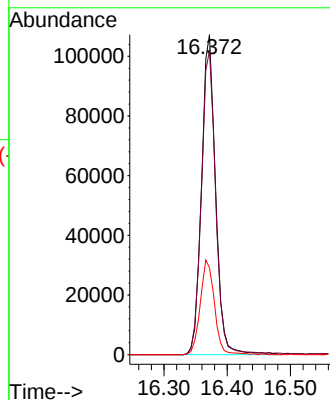
Tgt Ion:330 Resp: 165375

Ion Ratio Lower Upper

330 100

332 97.4 79.0 118.6

141 29.8 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 85.789 ng

RT: 13.511 min Scan# 1740

Delta R.T. -0.006 min

Lab File: BG056596.D

Acq: 9 Feb 2023 13:05

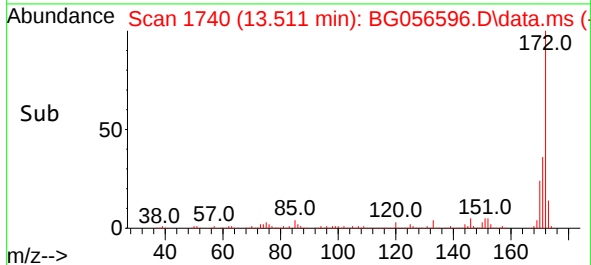
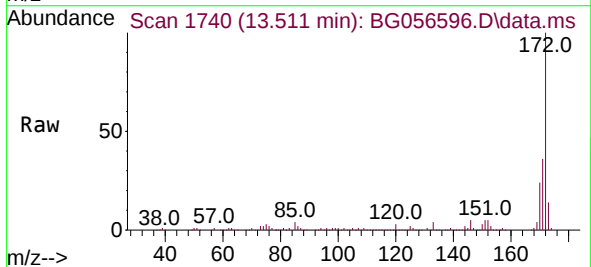
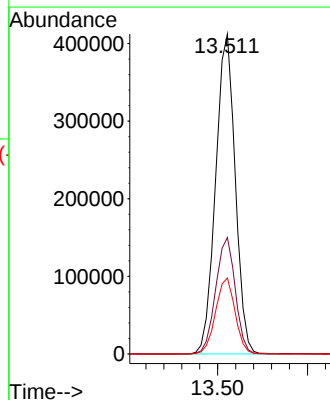
Tgt Ion:172 Resp: 625506

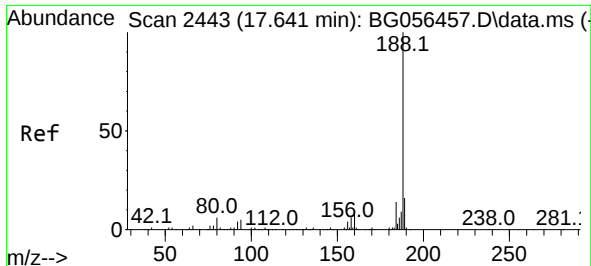
Ion Ratio Lower Upper

172 100

171 36.4 29.5 44.3

170 23.8 19.2 28.8

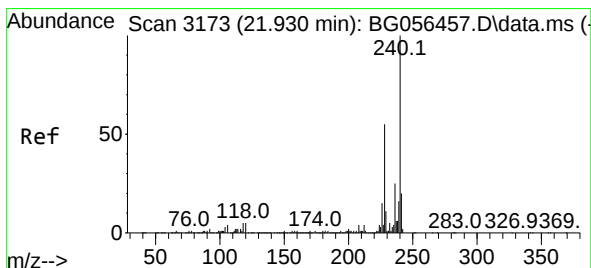
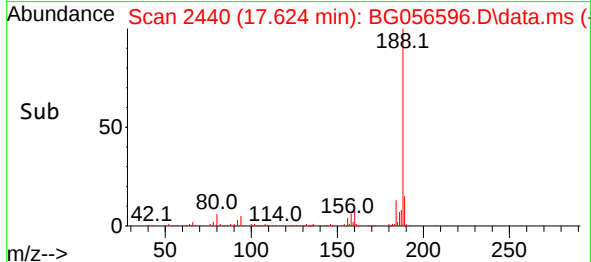
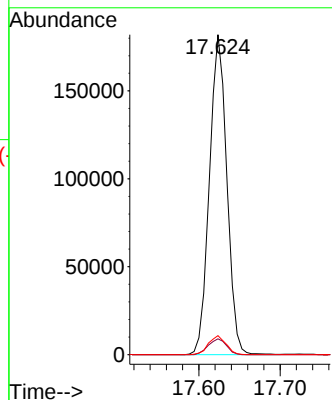
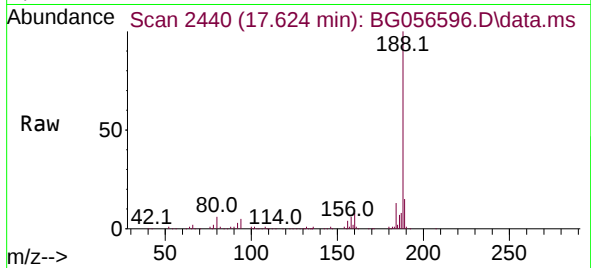




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.624 min Scan# 2443  
Delta R.T. -0.006 min  
Lab File: BG056596.D  
Acq: 9 Feb 2023 13:05

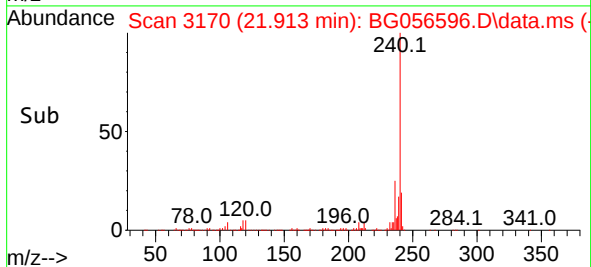
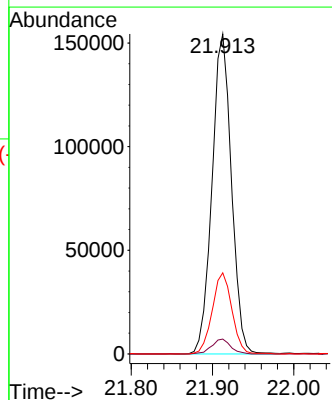
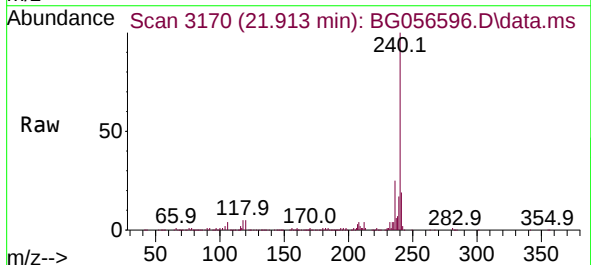
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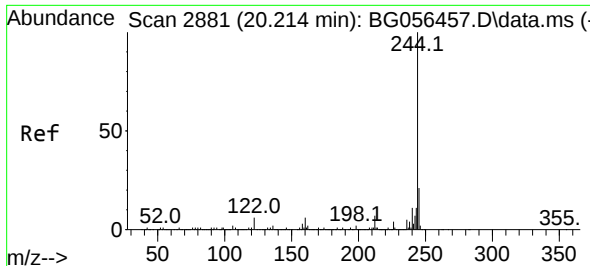
Tgt Ion:188 Resp: 271524  
Ion Ratio Lower Upper  
188 100  
94 4.9 4.1 6.1  
80 5.9 5.0 7.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.913 min Scan# 3170  
Delta R.T. -0.011 min  
Lab File: BG056596.D  
Acq: 9 Feb 2023 13:05

Tgt Ion:240 Resp: 255944  
Ion Ratio Lower Upper  
240 100  
120 4.7 3.8 5.8  
236 25.3 20.2 30.2

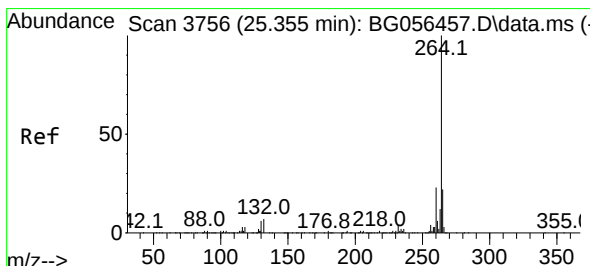
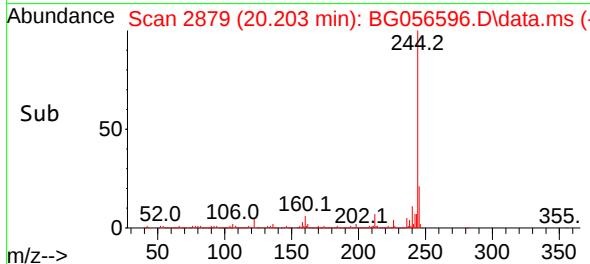
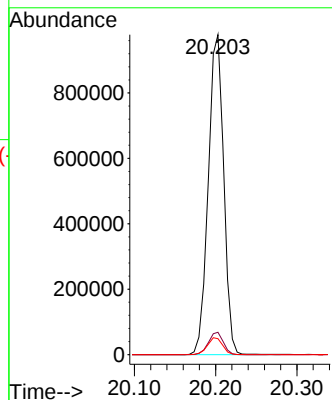
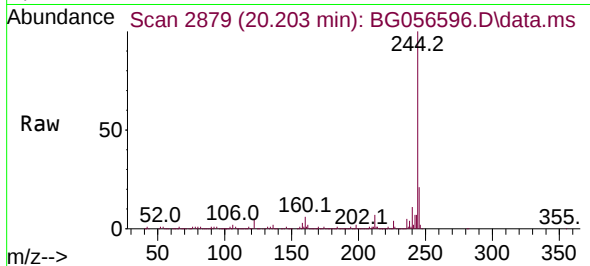




#79  
 Terphenyl-d14  
 Concen: 88.664 ng  
 RT: 20.203 min Scan# 2881  
 Delta R.T. -0.006 min  
 Lab File: BG056596.D  
 Acq: 9 Feb 2023 13:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150715TB

Tgt Ion:244 Resp: 1292047  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.5 8.3  
 122 5.0 4.4 6.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.326 min Scan# 3751  
 Delta R.T. -0.011 min  
 Lab File: BG056596.D  
 Acq: 9 Feb 2023 13:05

Tgt Ion:264 Resp: 274388  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 18.2 27.4  
 265 23.2 18.1 27.1

