

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG022223\  
 Data File : BG056699.D  
 Acq On : 22 Feb 2023 15:55  
 Operator : CG/JU  
 Sample : 01640-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

Quant Time: Feb 22 17:16:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG021523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 22 14:34:57 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.426  | 152  | 15723    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.264 | 136  | 69274    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 15.030 | 164  | 55415    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.768 | 188  | 133016   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 22.075 | 240  | 106708   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.612 | 264  | 114298   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.935  | 112  | 103410   | 107.012 | ng    | 0.00     |
| 7) Phenol-d6                | 7.551  | 99   | 153152   | 107.292 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.601  | 82   | 99085    | 73.235  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.505 | 330  | 78765    | 103.816 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.661 | 172  | 231633   | 55.972  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.330 | 244  | 397355   | 60.925  | ng    | 0.00     |

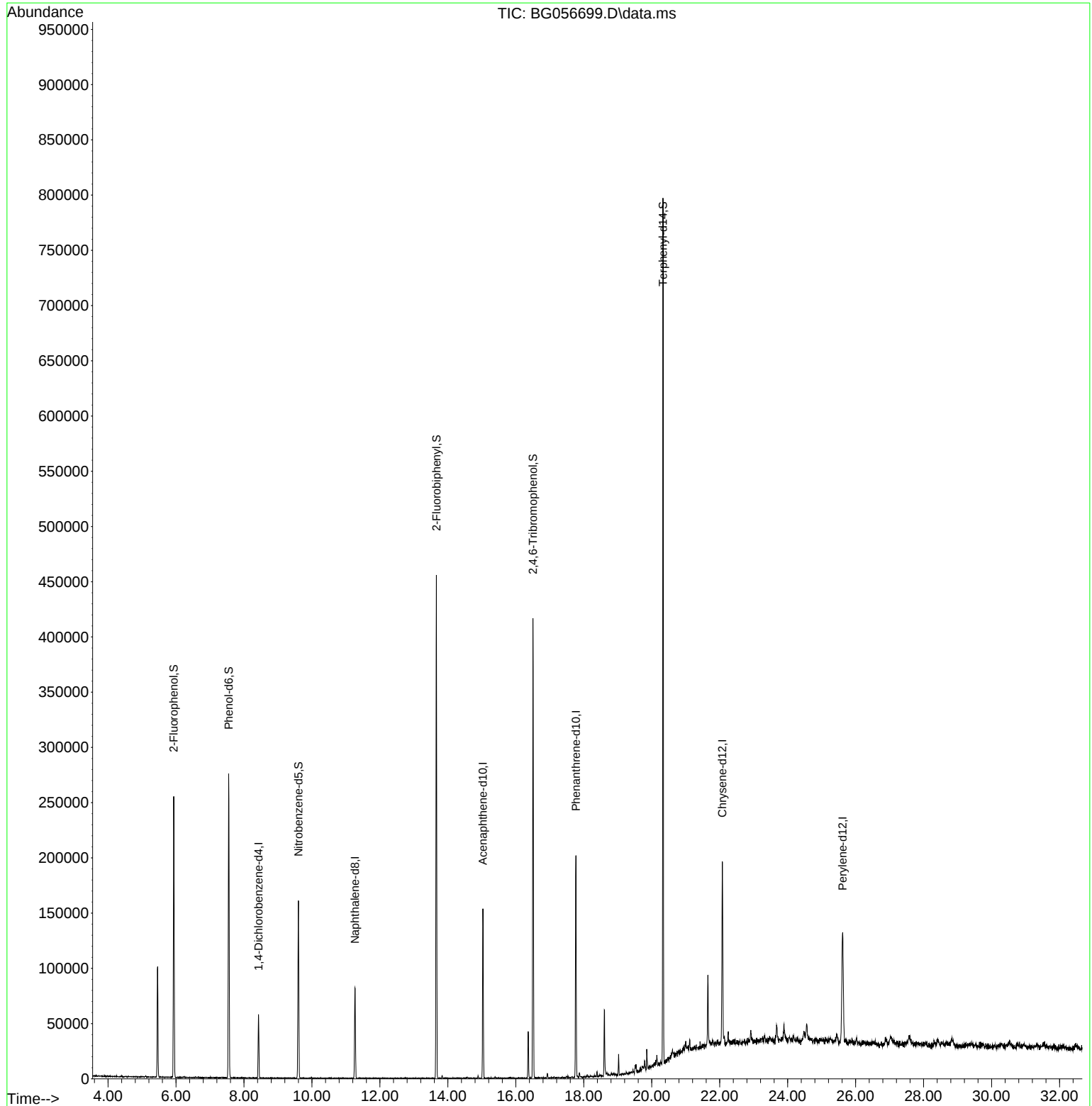
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

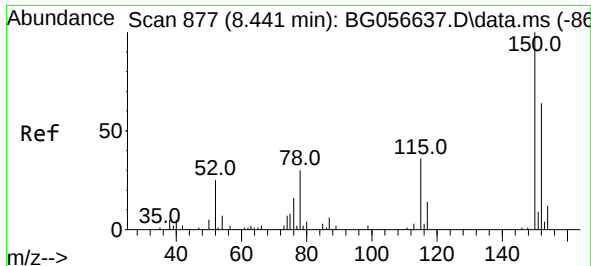
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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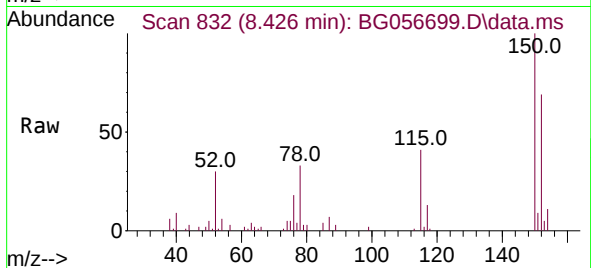
Quant Time: Feb 22 17:16:44 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG021523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 22 14:34:57 2023  
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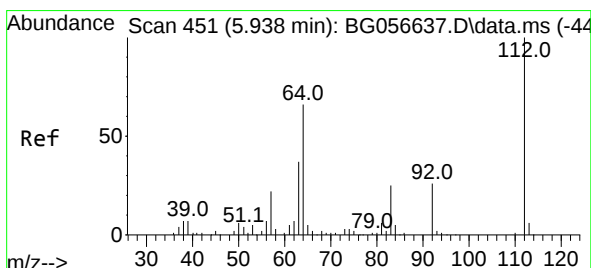
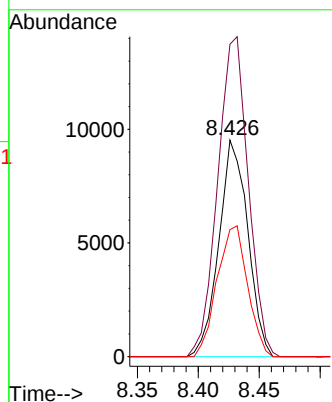
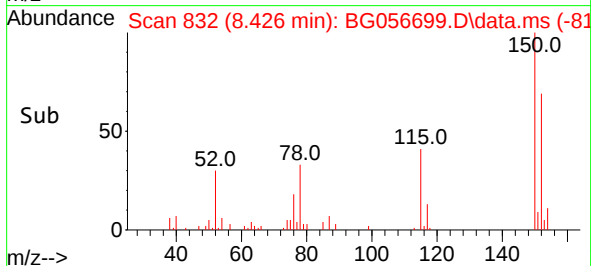


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.426 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG056699.D  
Acq: 22 Feb 2023 15:55

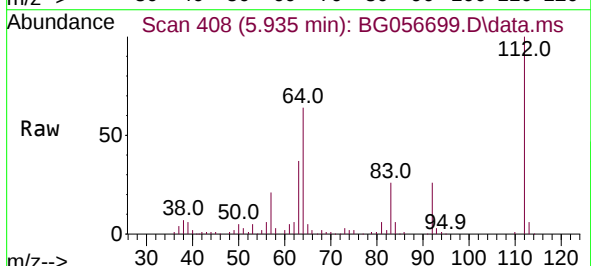
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1



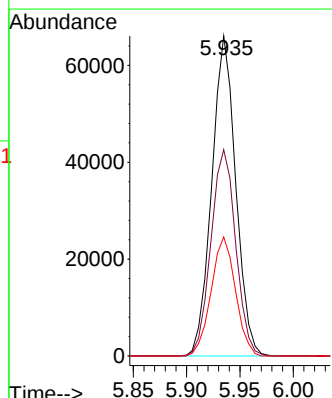
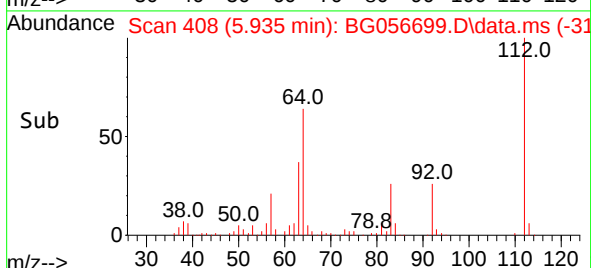
Tgt Ion:152 Resp: 15723  
Ion Ratio Lower Upper  
152 100  
150 144.3 124.8 187.2  
115 58.7 44.7 67.1

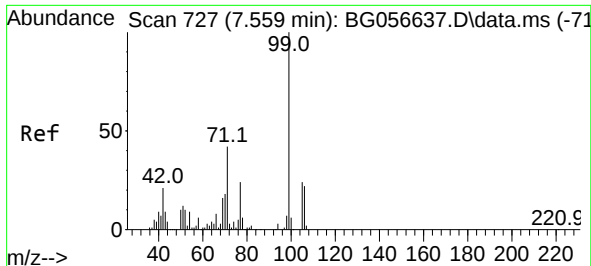


#5  
2-Fluorophenol  
Concen: 107.012 ng  
RT: 5.935 min Scan# 408  
Delta R.T. -0.001 min  
Lab File: BG056699.D  
Acq: 22 Feb 2023 15:55



Tgt Ion:112 Resp: 103410  
Ion Ratio Lower Upper  
112 100  
64 64.4 52.6 78.8  
63 37.2 29.8 44.6

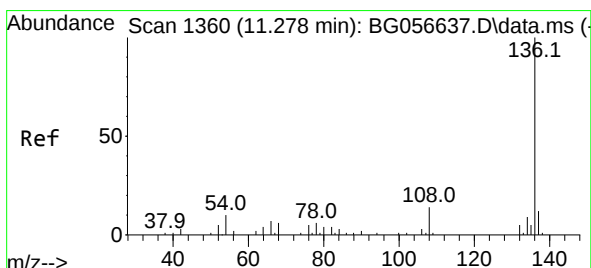
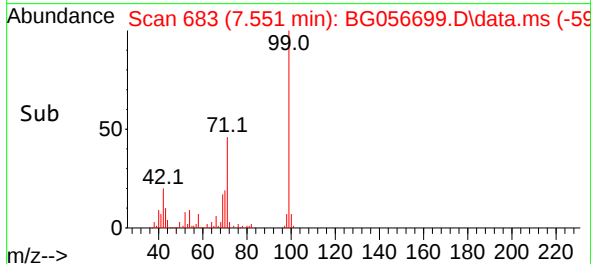
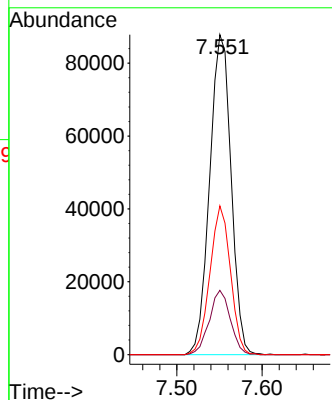
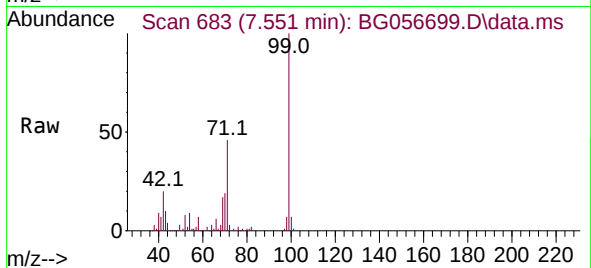




#7  
Phenol-d6  
Concen: 107.292 ng  
RT: 7.551 min Scan# 68  
Delta R.T. -0.006 min  
Lab File: BG056699.D  
Acq: 22 Feb 2023 15:55

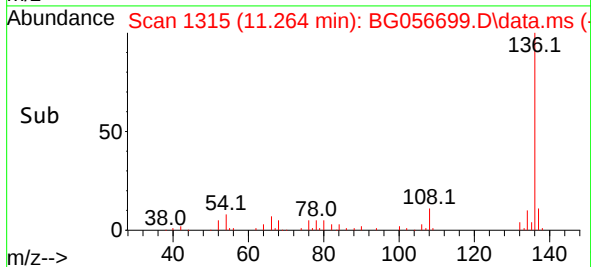
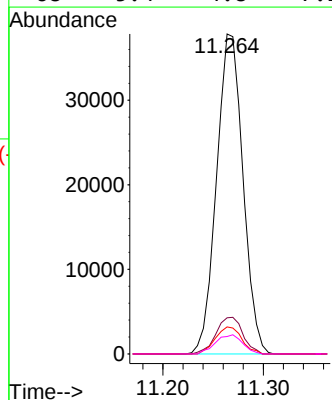
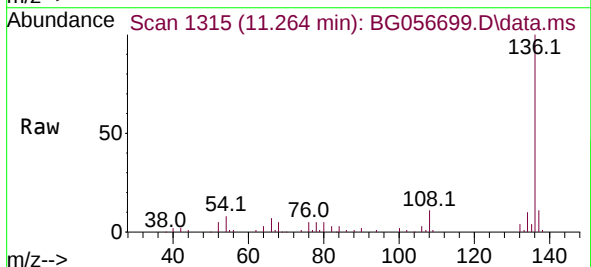
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

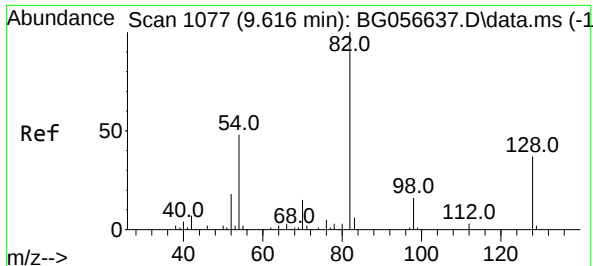
Tgt Ion: 99 Resp: 153152  
Ion Ratio Lower Upper  
99 100  
42 20.1 16.8 25.2  
71 46.5 33.9 50.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.264 min Scan# 1315  
Delta R.T. -0.006 min  
Lab File: BG056699.D  
Acq: 22 Feb 2023 15:55

Tgt Ion: 136 Resp: 69274  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.7 14.5  
54 8.4 7.7 11.5  
68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 73.235 ng

RT: 9.601 min Scan# 10

Delta R.T. -0.001 min

Lab File: BG056699.D

Acq: 22 Feb 2023 15:55

Instrument :

BNA\_G

ClientSampleId :

TP-1

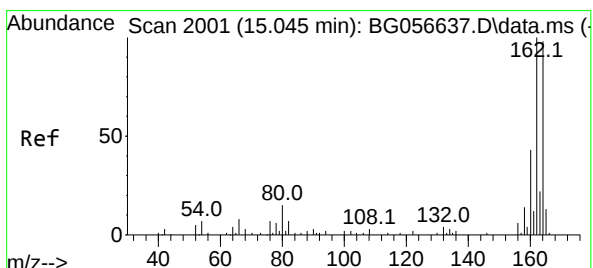
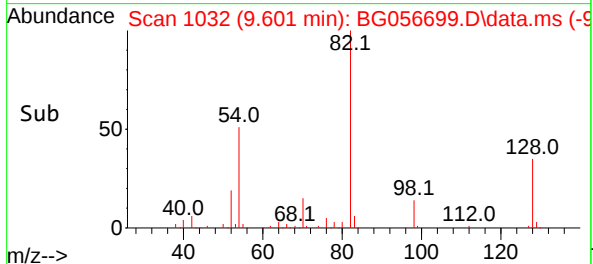
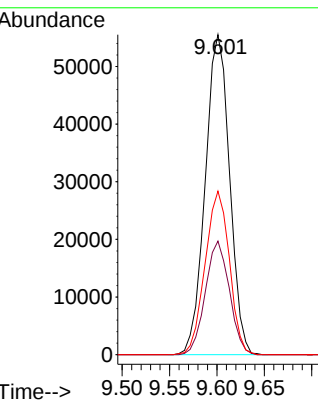
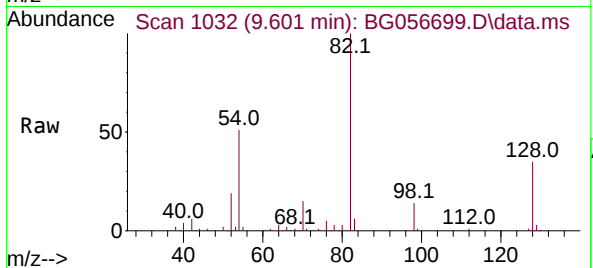
Tgt Ion: 82 Resp: 99085

Ion Ratio Lower Upper

82 100

128 35.5 29.4 44.2

54 51.1 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.030 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BG056699.D

Acq: 22 Feb 2023 15:55

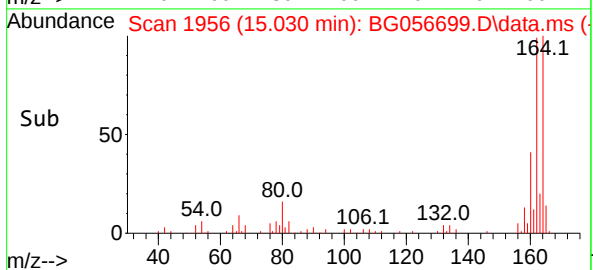
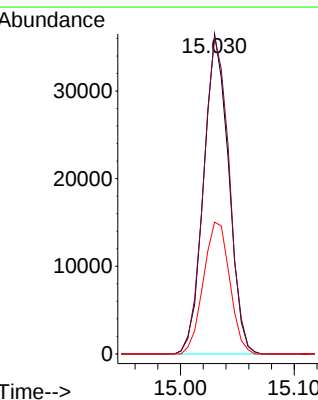
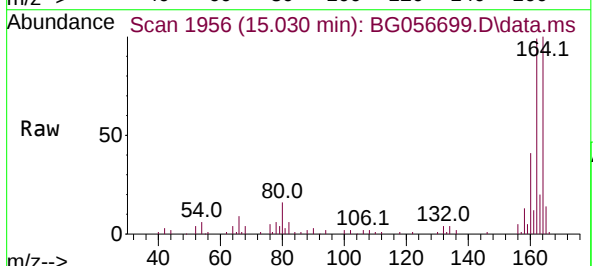
Tgt Ion:164 Resp: 55415

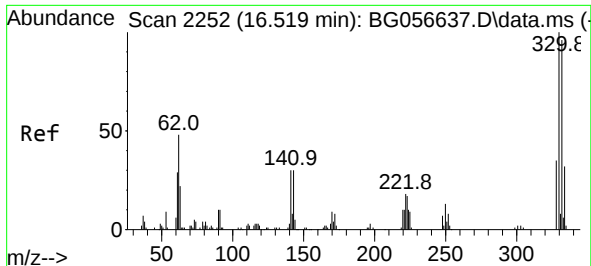
Ion Ratio Lower Upper

164 100

162 99.1 81.3 121.9

160 41.2 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 103.816 ng

RT: 16.505 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056699.D

Acq: 22 Feb 2023 15:55

Instrument :

BNA\_G

ClientSampleId :

TP-1

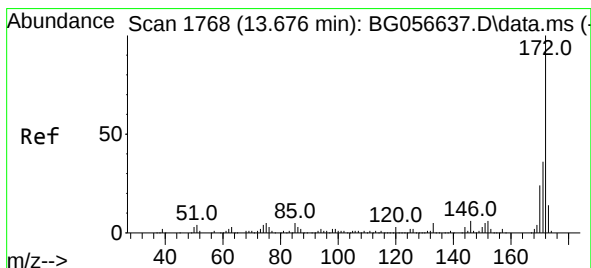
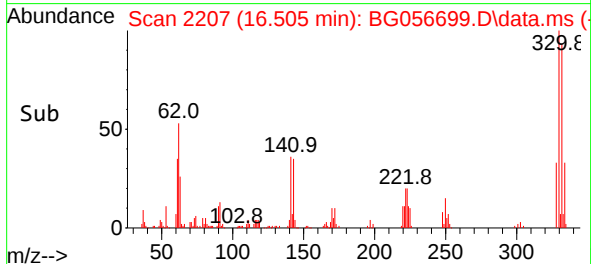
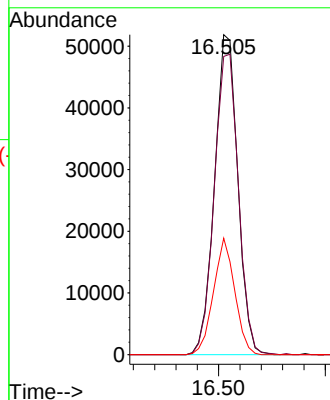
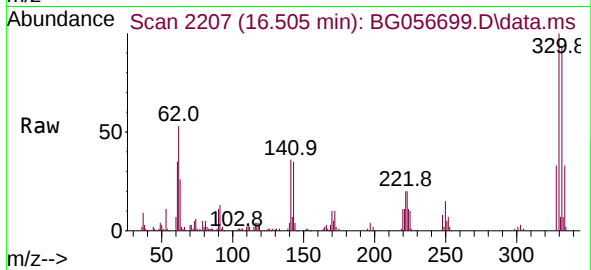
Tgt Ion:330 Resp: 78765

Ion Ratio Lower Upper

330 100

332 97.4 75.7 113.5

141 33.3 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 55.972 ng

RT: 13.661 min Scan# 1723

Delta R.T. -0.006 min

Lab File: BG056699.D

Acq: 22 Feb 2023 15:55

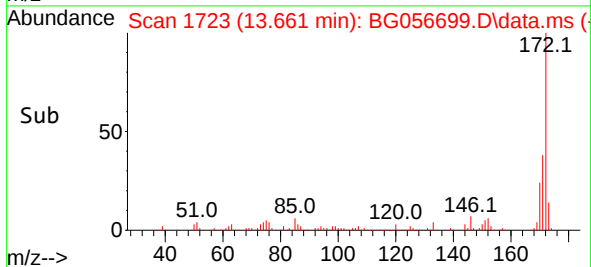
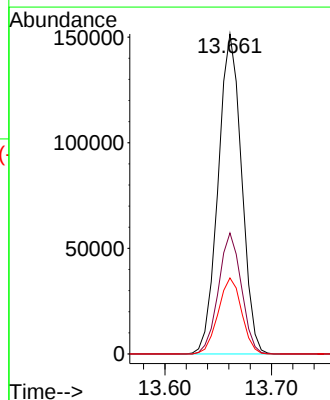
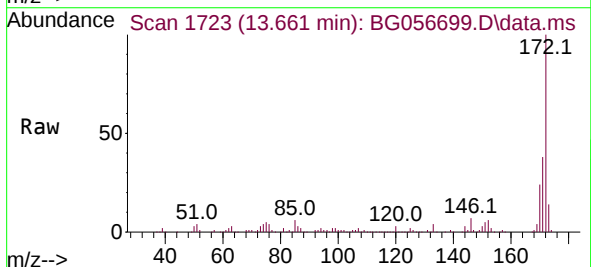
Tgt Ion:172 Resp: 231633

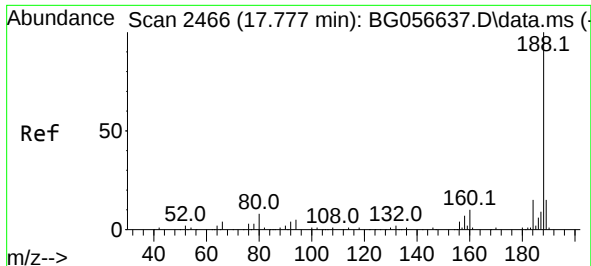
Ion Ratio Lower Upper

172 100

171 37.8 28.6 43.0

170 23.7 19.4 29.0

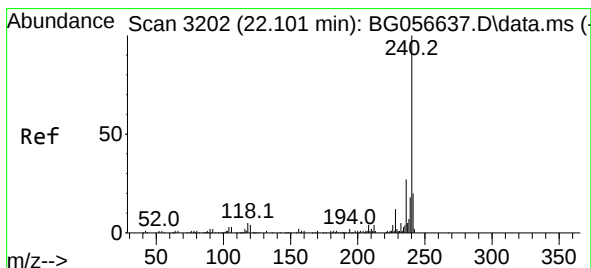
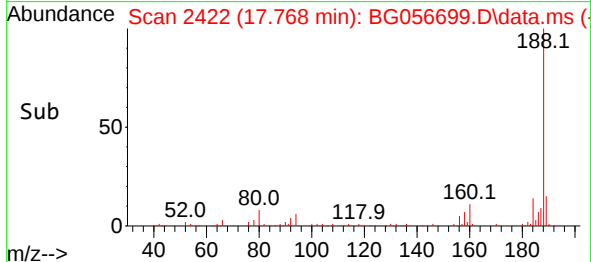
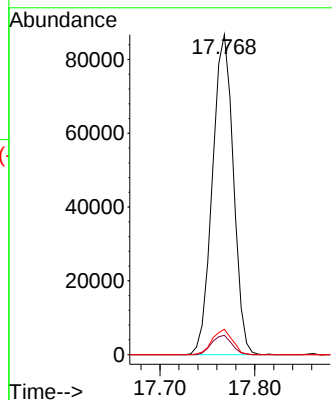
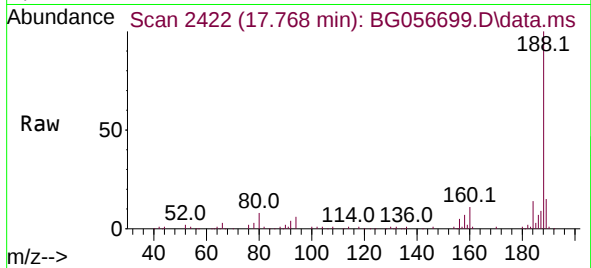




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.768 min Scan# 24  
Delta R.T. -0.006 min  
Lab File: BG056699.D  
Acq: 22 Feb 2023 15:55

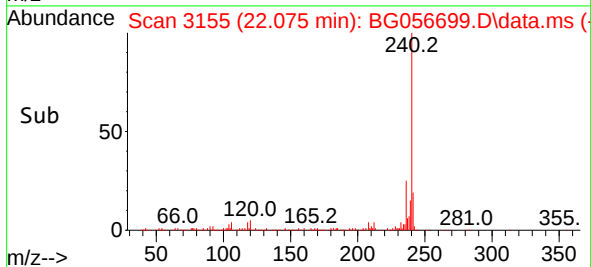
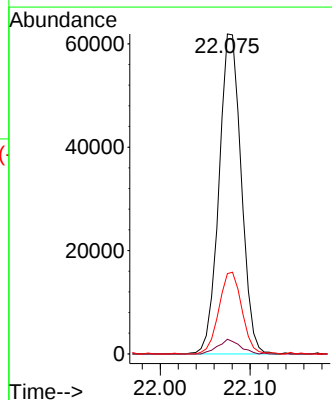
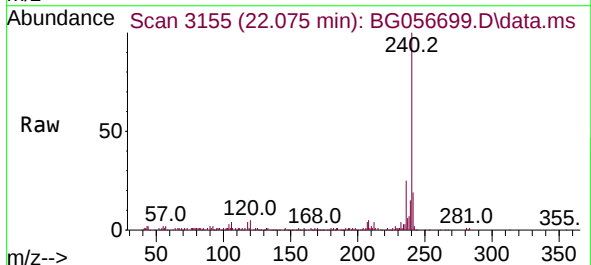
Instrument :  
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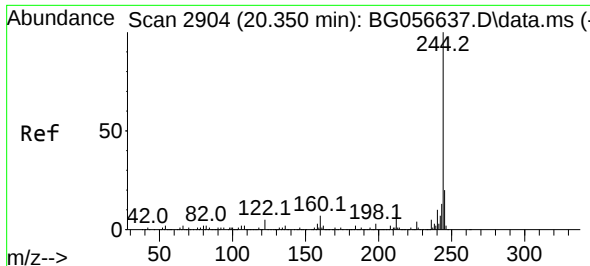
Tgt Ion:188 Resp: 133016  
Ion Ratio Lower Upper  
188 100  
94 6.0 4.0 6.0#  
80 7.9 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.075 min Scan# 3155  
Delta R.T. -0.012 min  
Lab File: BG056699.D  
Acq: 22 Feb 2023 15:55

Tgt Ion:240 Resp: 106708  
Ion Ratio Lower Upper  
240 100  
120 4.6 3.5 5.3  
236 25.1 21.5 32.3

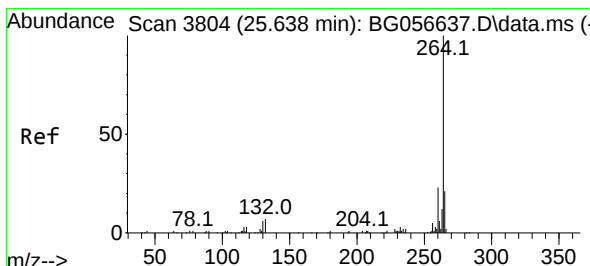
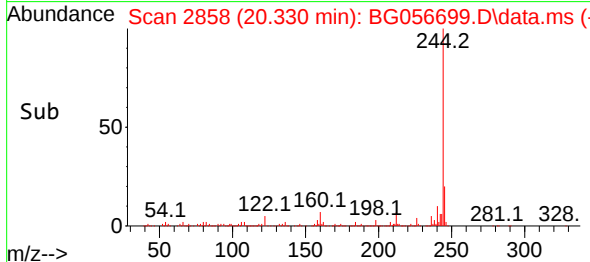
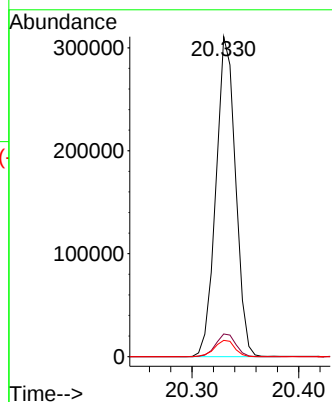
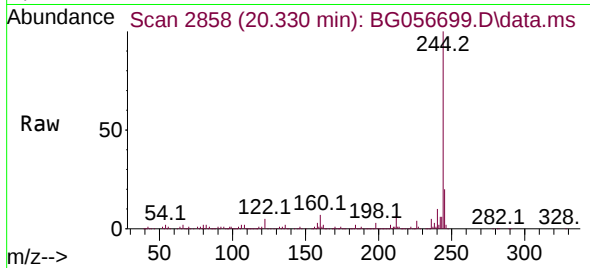




#79  
 Terphenyl-d14  
 Concen: 60.925 ng  
 RT: 20.330 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG056699.D  
 Acq: 22 Feb 2023 15:55

Instrument :  
 BNA\_G  
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Tgt Ion:244 Resp: 397355  
 Ion Ratio Lower Upper  
 244 100  
 212 7.1 6.0 9.0  
 122 5.1 3.8 5.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.612 min Scan# 3757  
 Delta R.T. -0.012 min  
 Lab File: BG056699.D  
 Acq: 22 Feb 2023 15:55

Tgt Ion:264 Resp: 114298  
 Ion Ratio Lower Upper  
 264 100  
 260 21.7 18.6 27.8  
 265 21.7 17.0 25.4

