

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081022\  
 Data File : BG054593.D  
 Acq On : 10 Aug 2022 18:10  
 Operator : CG/JU  
 Sample : N3972-02  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SPN-4

Quant Time: Aug 10 21:45:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 08 14:48:51 2022  
 Response via : Initial Calibration

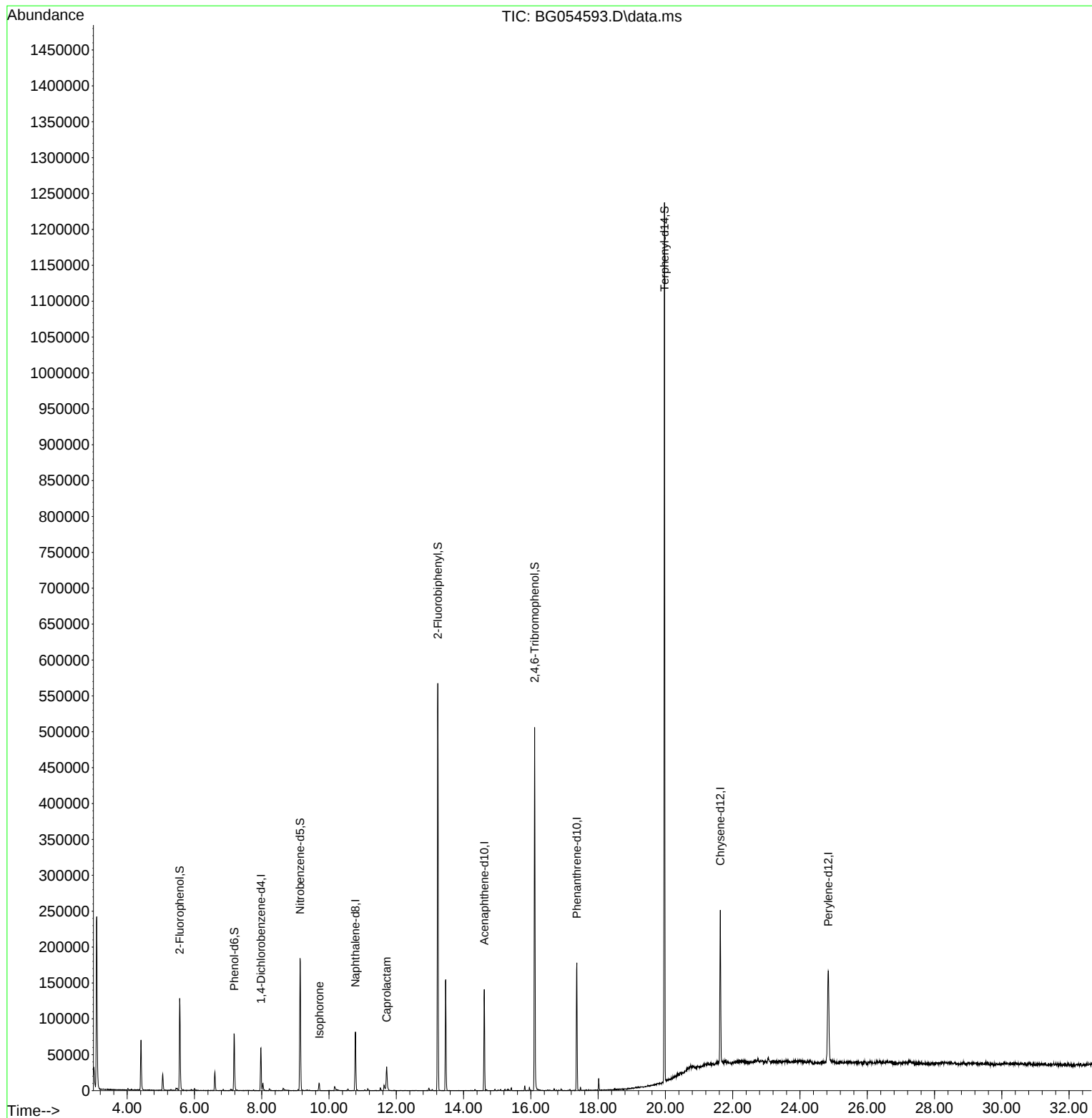
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.976  | 152  | 18946    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.785 | 136  | 72315    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.616 | 164  | 54332    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.365 | 188  | 134204   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.631 | 240  | 149721   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 24.839 | 264  | 158792   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.562  | 112  | 59667    | 65.754  | ng    | 0.00     |
| 7) Phenol-d6                | 7.183  | 99   | 47149    | 37.919  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.140  | 82   | 115268   | 86.803  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.114 | 330  | 134022   | 117.484 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.235 | 172  | 329908   | 85.658  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.974 | 244  | 698609   | 92.566  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 25) Isophorone              | 9.710  | 82   | 8251     | 3.573   | ng    | # 91     |
| 35) Caprolactam             | 11.713 | 113  | 6764     | 19.694  | ng    | # 87     |
| -----                       |        |      |          |         |       |          |

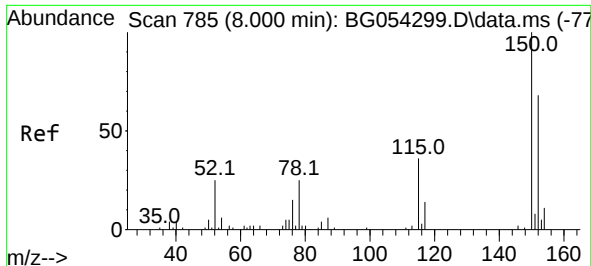
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG081022\  
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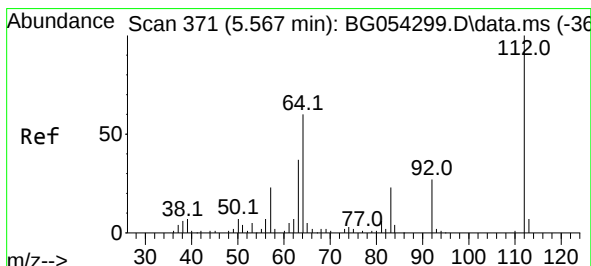
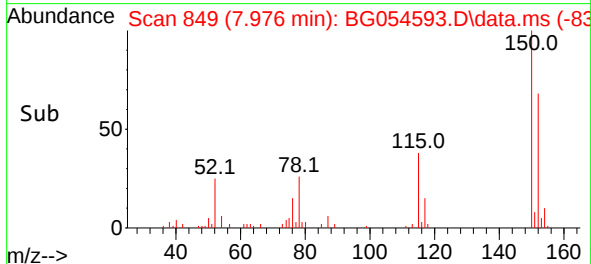
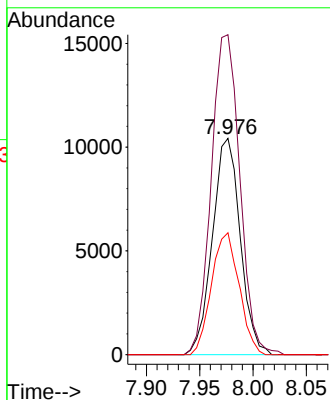
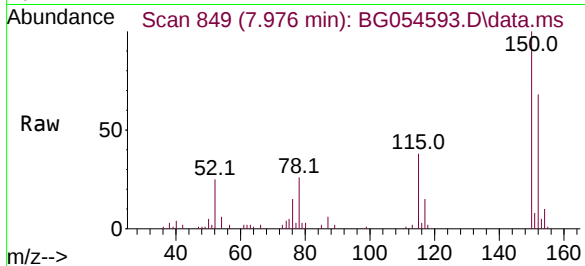




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.976 min Scan# 84  
Delta R.T. 0.004 min  
Lab File: BG054593.D  
Acq: 10 Aug 2022 18:10

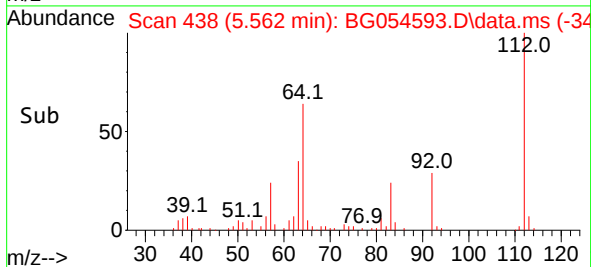
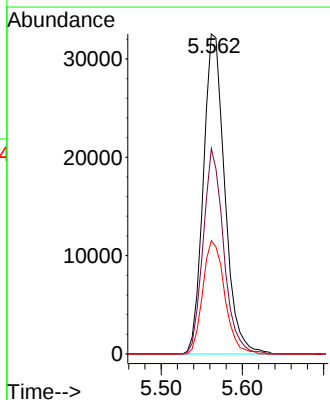
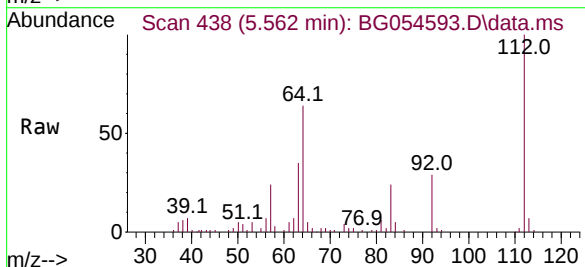
Instrument :  
BNA\_G  
ClientSampleId :  
SPN-4

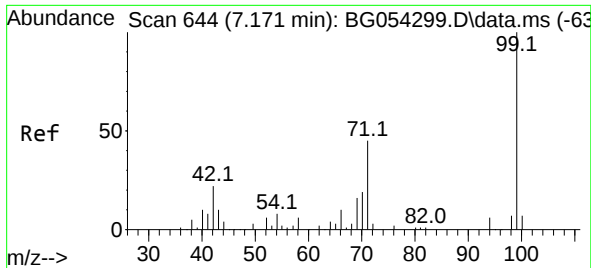
Tgt Ion:152 Resp: 18946  
Ion Ratio Lower Upper  
152 100  
150 147.9 131.6 197.4  
115 56.3 50.9 76.3



#5  
2-Fluorophenol  
Concen: 65.754 ng  
RT: 5.562 min Scan# 438  
Delta R.T. -0.002 min  
Lab File: BG054593.D  
Acq: 10 Aug 2022 18:10

Tgt Ion:112 Resp: 59667  
Ion Ratio Lower Upper  
112 100  
64 64.2 55.1 82.7  
63 35.4 30.4 45.6

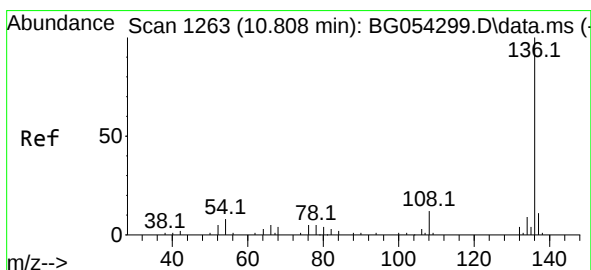
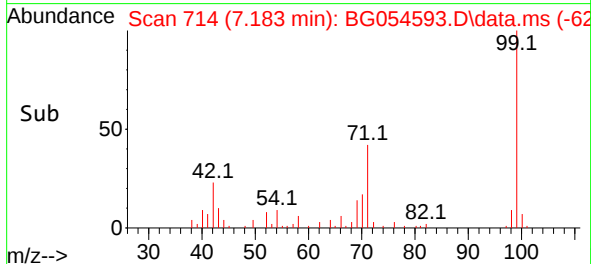
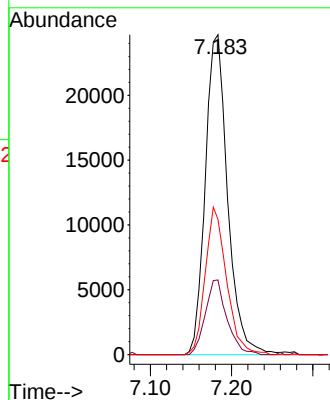
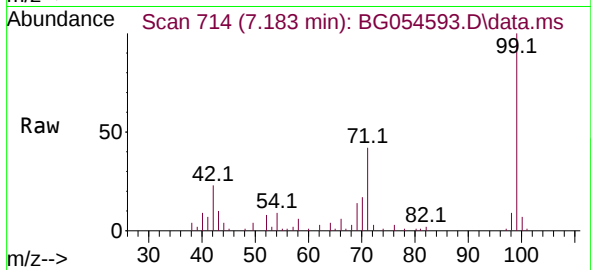




#7  
Phenol-d6  
Concen: 37.919 ng  
RT: 7.183 min Scan# 71  
Delta R.T. 0.004 min  
Lab File: BG054593.D  
Acq: 10 Aug 2022 18:10

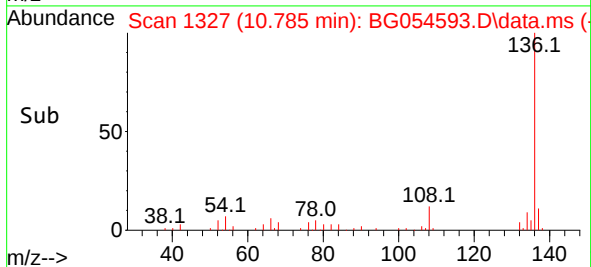
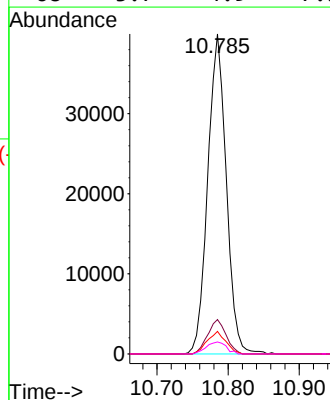
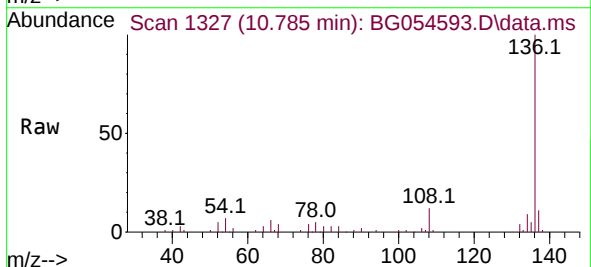
Instrument :  
BNA\_G  
ClientSampleId :  
SPN-4

Tgt Ion: 99 Resp: 47149  
Ion Ratio Lower Upper  
99 100  
42 23.3 17.0 25.6  
71 42.3 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.785 min Scan# 1327  
Delta R.T. -0.002 min  
Lab File: BG054593.D  
Acq: 10 Aug 2022 18:10

Tgt Ion: 136 Resp: 72315  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.5 12.7  
54 7.0 7.4 11.2#  
68 3.7 4.9 7.3#

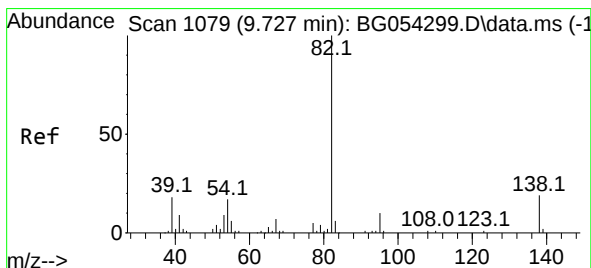
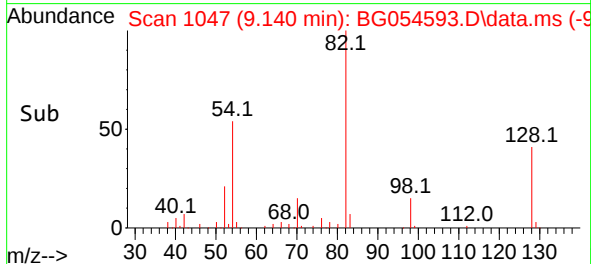
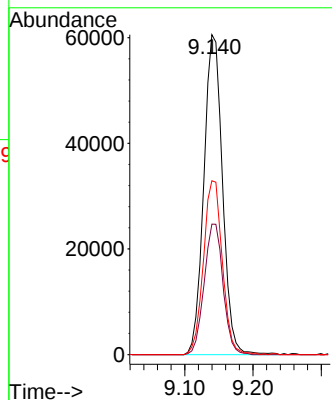
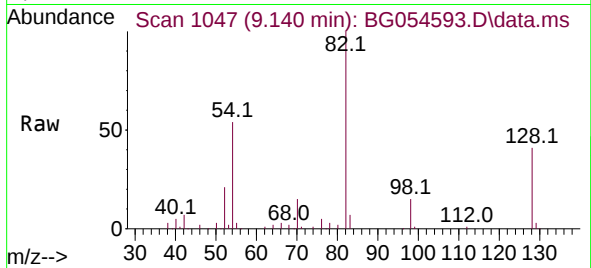




#23  
Nitrobenzene-d5  
Concen: 86.803 ng  
RT: 9.140 min Scan# 110  
Delta R.T. -0.002 min  
Lab File: BG054593.D  
Acq: 10 Aug 2022 18:10

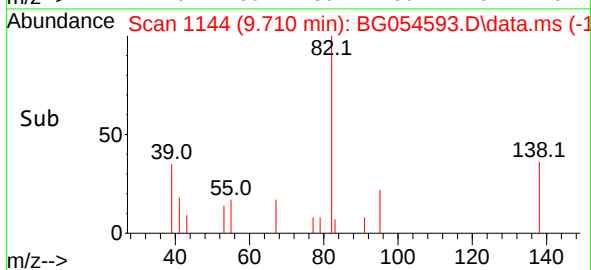
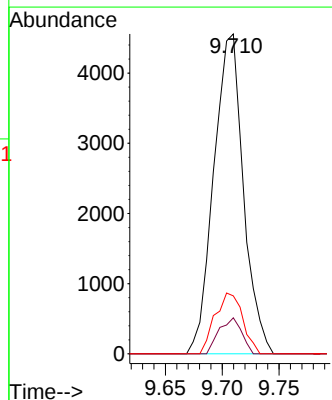
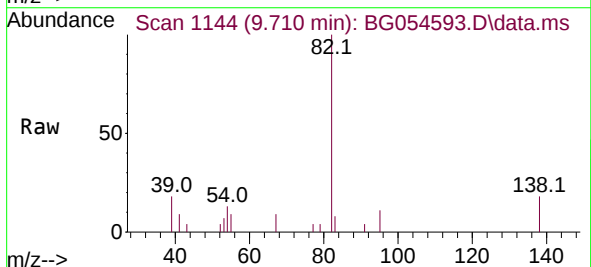
Instrument :  
BNA\_G  
ClientSampleId :  
SPN-4

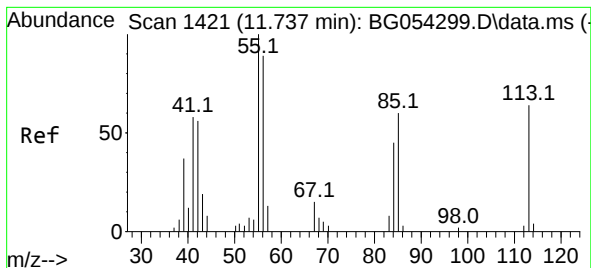
Tgt Ion: 82 Resp: 115268  
Ion Ratio Lower Upper  
82 100  
128 40.8 27.9 41.9  
54 54.3 41.2 61.8



#25  
Isophorone  
Concen: 3.573 ng  
RT: 9.710 min Scan# 1144  
Delta R.T. 0.004 min  
Lab File: BG054593.D  
Acq: 10 Aug 2022 18:10

Tgt Ion: 82 Resp: 8251  
Ion Ratio Lower Upper  
82 100  
95 11.3 6.2 9.4#  
138 18.1 11.6 17.4#





#35

Caprolactam

Concen: 19.694 ng

RT: 11.713 min Scan# 14

Delta R.T. -0.013 min

Lab File: BG054593.D

Acq: 10 Aug 2022 18:10

Instrument :

BNA\_G

ClientSampleId :

SPN-4

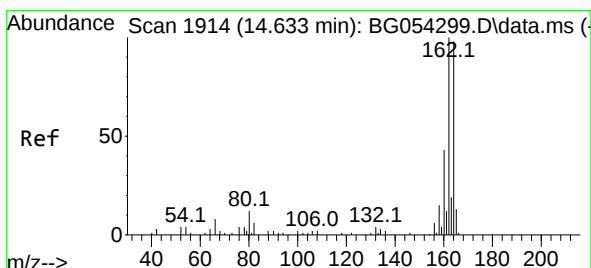
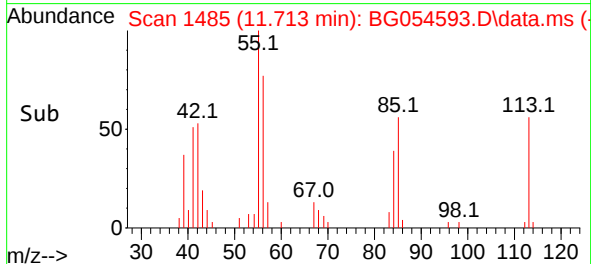
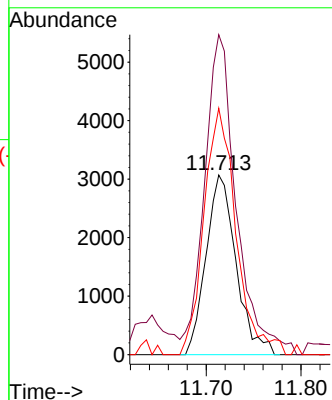
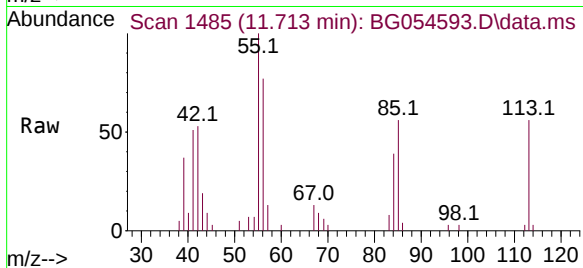
Tgt Ion:113 Resp: 6764

Ion Ratio Lower Upper

113 100

55 178.1 169.8 209.8

56 137.1 141.2 181.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.616 min Scan# 1979

Delta R.T. -0.002 min

Lab File: BG054593.D

Acq: 10 Aug 2022 18:10

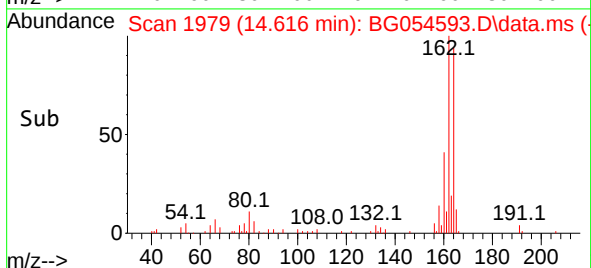
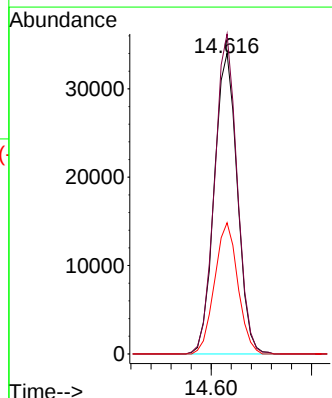
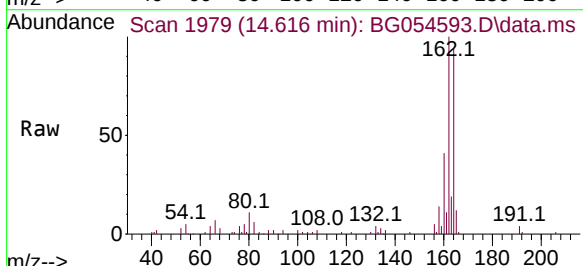
Tgt Ion:164 Resp: 54332

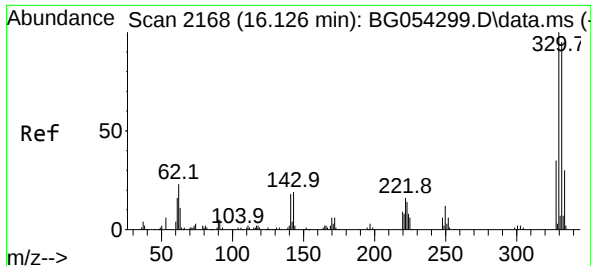
Ion Ratio Lower Upper

164 100

162 106.4 82.3 123.5

160 43.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 117.484 ng

RT: 16.114 min Scan# 2168

Delta R.T. -0.002 min

Lab File: BG054593.D

Acq: 10 Aug 2022 18:10

Instrument :

BNA\_G

ClientSampleId :

SPN-4

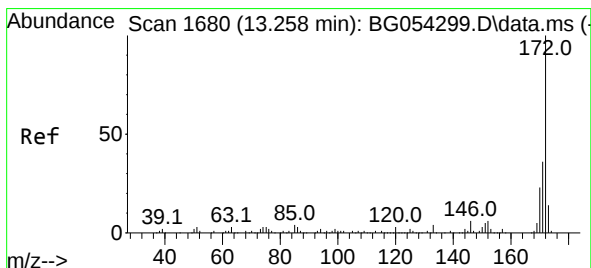
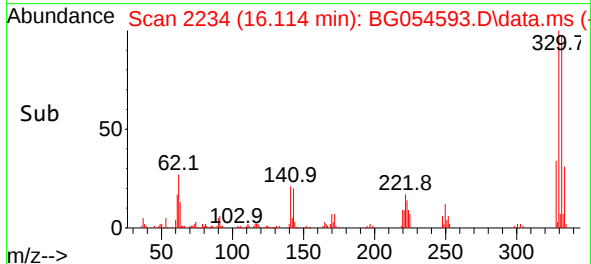
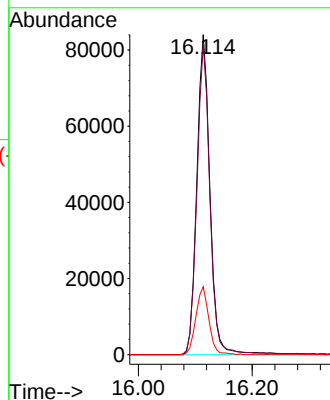
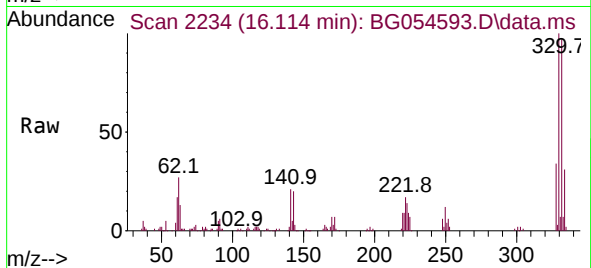
Tgt Ion:330 Resp: 134022

Ion Ratio Lower Upper

330 100

332 95.3 76.0 114.0

141 20.9 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 85.658 ng

RT: 13.235 min Scan# 1744

Delta R.T. -0.002 min

Lab File: BG054593.D

Acq: 10 Aug 2022 18:10

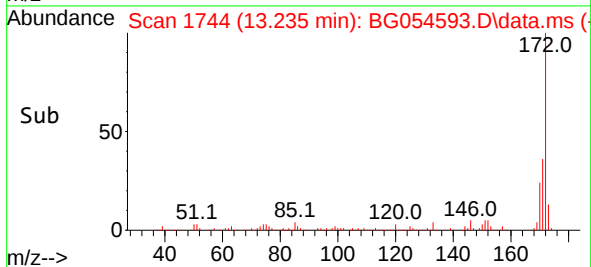
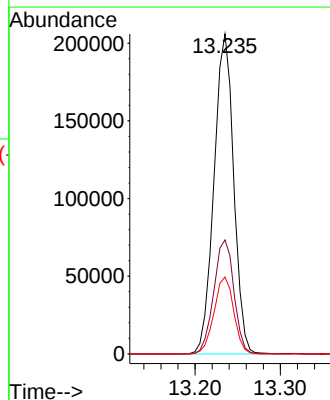
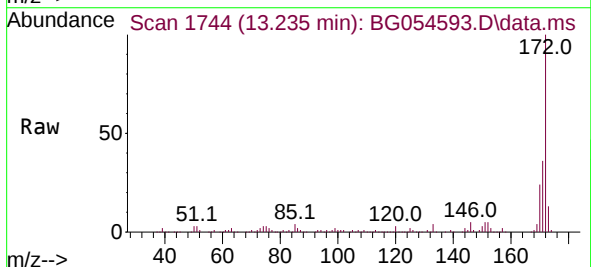
Tgt Ion:172 Resp: 329908

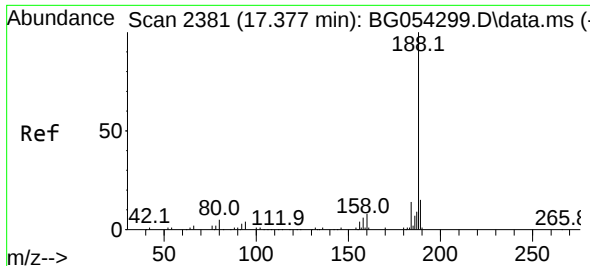
Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.0 18.9 28.3

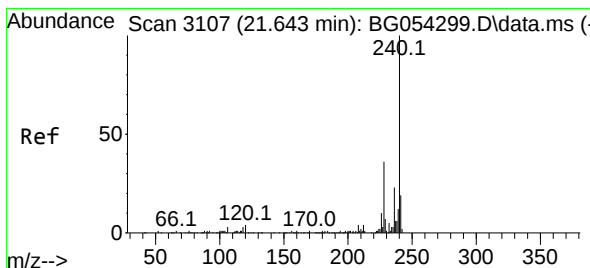
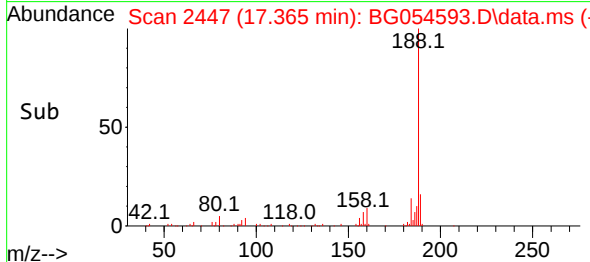
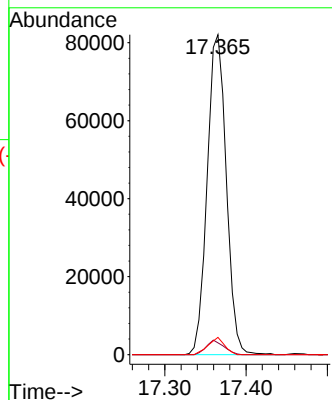
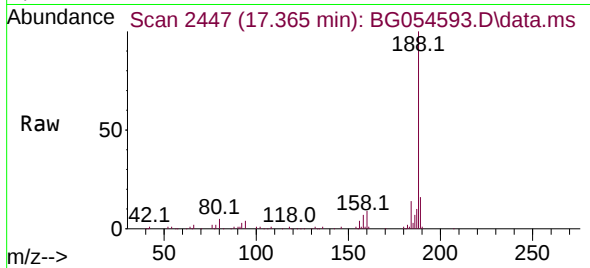




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.365 min Scan# 24  
Delta R.T. 0.004 min  
Lab File: BG054593.D  
Acq: 10 Aug 2022 18:10

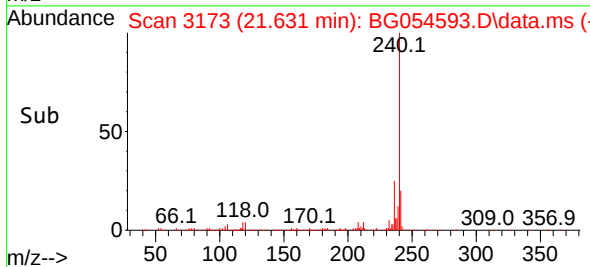
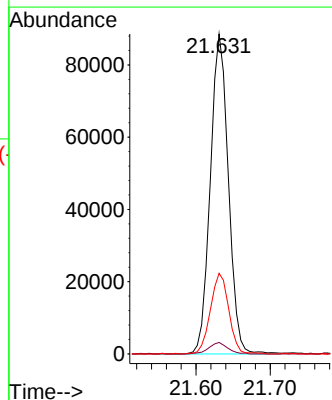
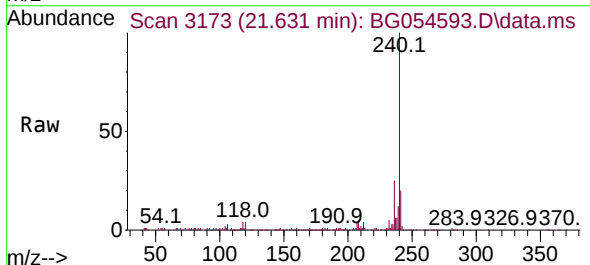
Instrument :  
BNA\_G  
ClientSampleId :  
SPN-4

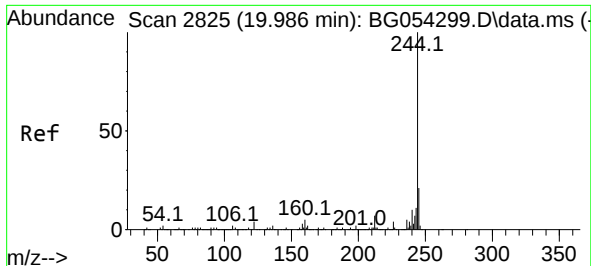
Tgt Ion:188 Resp: 134204  
Ion Ratio Lower Upper  
188 100  
94 3.7 5.4 8.0#  
80 5.4 6.8 10.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.631 min Scan# 3173  
Delta R.T. -0.002 min  
Lab File: BG054593.D  
Acq: 10 Aug 2022 18:10

Tgt Ion:240 Resp: 149721  
Ion Ratio Lower Upper  
240 100  
120 3.6 4.6 7.0#  
236 25.2 20.2 30.4

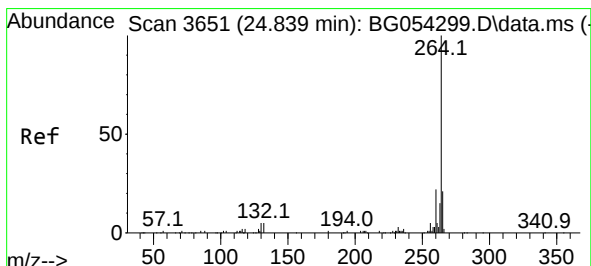
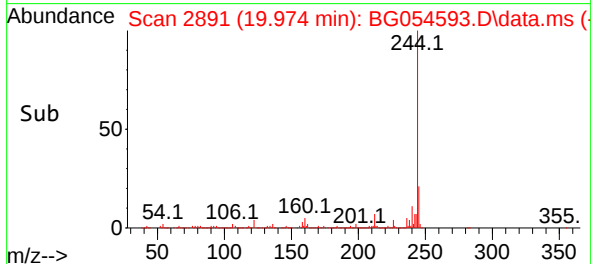
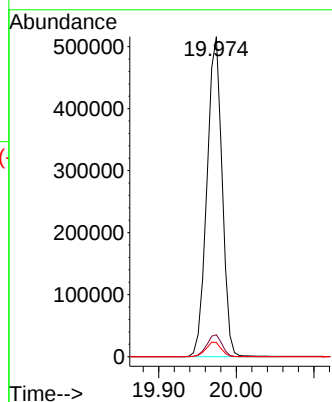
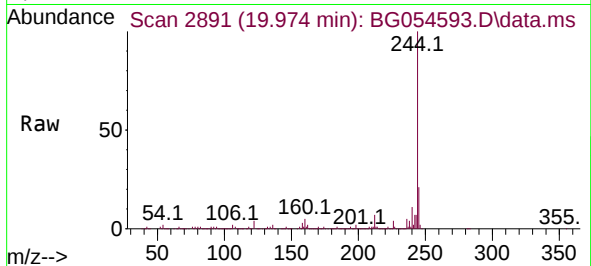




#79  
 Terphenyl-d14  
 Concen: 92.566 ng  
 RT: 19.974 min Scan# 2825  
 Delta R.T. 0.004 min  
 Lab File: BG054593.D  
 Acq: 10 Aug 2022 18:10

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SPN-4

Tgt Ion:244 Resp: 698609  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 6.5 9.7  
 122 4.4 5.0 7.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.839 min Scan# 3719  
 Delta R.T. 0.004 min  
 Lab File: BG054593.D  
 Acq: 10 Aug 2022 18:10

Tgt Ion:264 Resp: 158792  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.0 28.6  
 265 23.2 17.4 26.2

