

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051922\  
 Data File : BG053626.D  
 Acq On : 19 May 2022 14:57  
 Operator : CG/JU  
 Sample : N2824-08  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CS-7W

Quant Time: May 20 03:57:12 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri May 20 03:55:28 2022  
 Response via : Initial Calibration

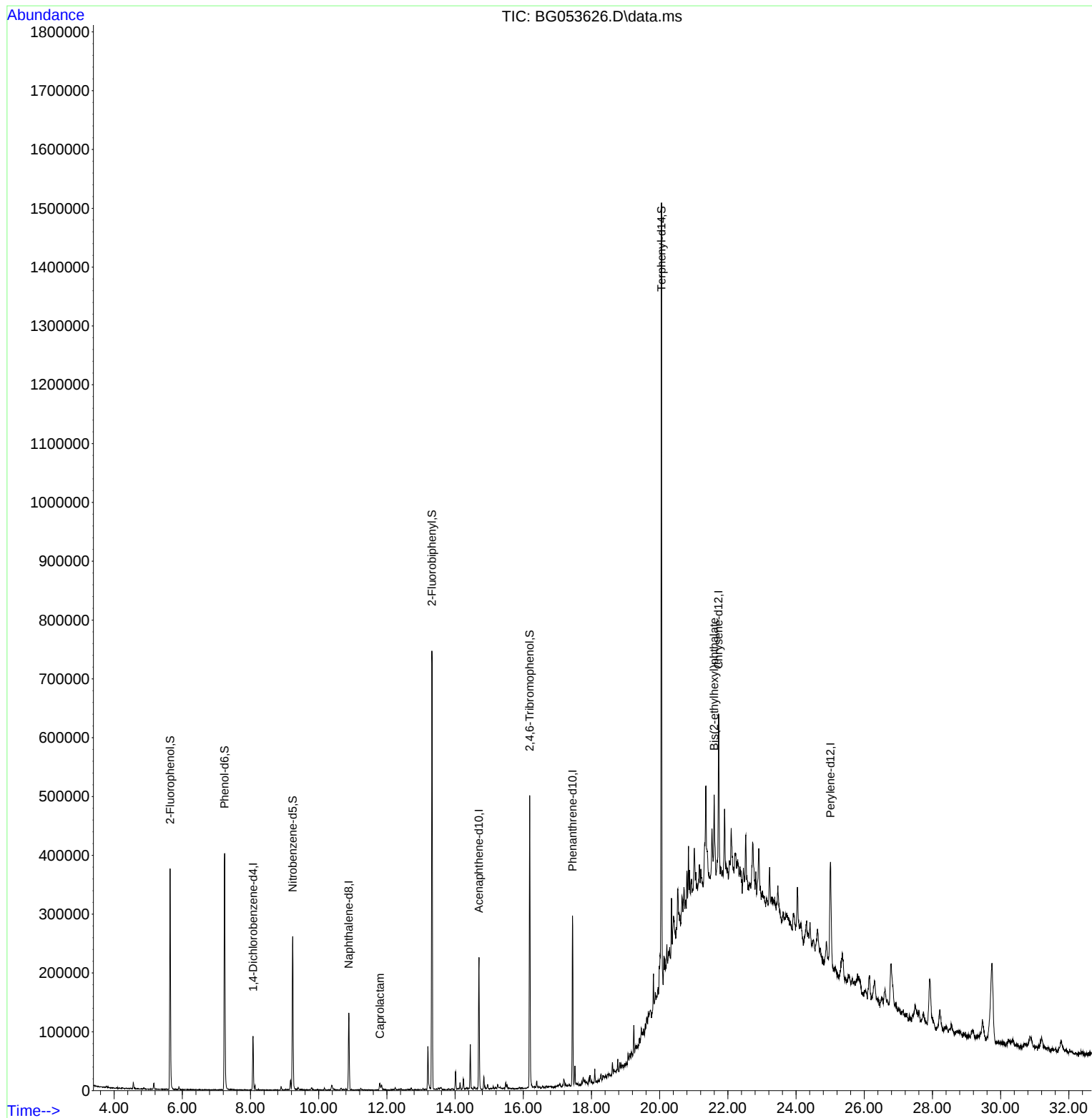
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)    |
|-------------------------------|--------|------|----------|--------|-------|-------------|
| -----                         |        |      |          |        |       |             |
| Internal Standards            |        |      |          |        |       |             |
| 1) 1,4-Dichlorobenzene-d4     | 8.075  | 152  | 26780    | 20.000 | ng    | 0.00        |
| 21) Naphthalene-d8            | 10.883 | 136  | 106086   | 20.000 | ng    | 0.00        |
| 39) Acenaphthene-d10          | 14.701 | 164  | 80079    | 20.000 | ng    | 0.00        |
| 64) Phenanthrene-d10          | 17.445 | 188  | 185769   | 20.000 | ng    | 0.00        |
| 76) Chrysene-d12              | 21.727 | 240  | 160977   | 20.000 | ng    | 0.00        |
| 86) Perylene-d12              | 25.011 | 264  | 161131   | 20.000 | ng    | 0.00        |
| System Monitoring Compounds   |        |      |          |        |       |             |
| 5) 2-Fluorophenol             | 5.643  | 112  | 154952   | 98.198 | ng    | 0.00        |
| 7) Phenol-d6                  | 7.241  | 99   | 236988   | 98.960 | ng    | 0.00        |
| 23) Nitrobenzene-d5           | 9.238  | 82   | 168643   | 67.670 | ng    | 0.00        |
| 42) 2,4,6-Tribromophenol      | 16.187 | 330  | 101479   | 85.921 | ng    | 0.00        |
| 45) 2-Fluorobiphenyl          | 13.321 | 172  | 395052   | 72.089 | ng    | 0.00        |
| 79) Terphenyl-d14             | 20.053 | 244  | 635971   | 73.580 | ng    | 0.00        |
| Target Compounds              |        |      |          |        |       |             |
| 35) Caprolactam               | 11.793 | 113  | 2205     | 3.420  | ng    | Qvalue # 91 |
| 84) Bis(2-ethylhexyl)phtha... | 21.598 | 149  | 54276    | 10.291 | ng    | Qvalue # 99 |
| -----                         |        |      |          |        |       |             |

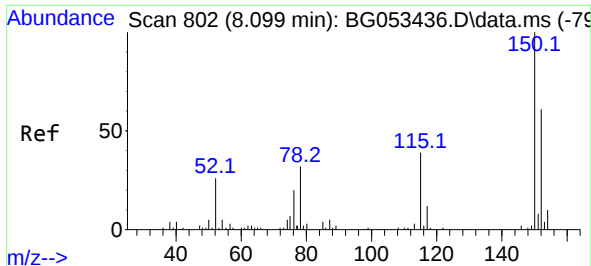
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
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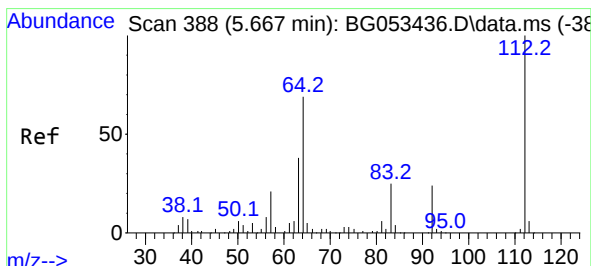
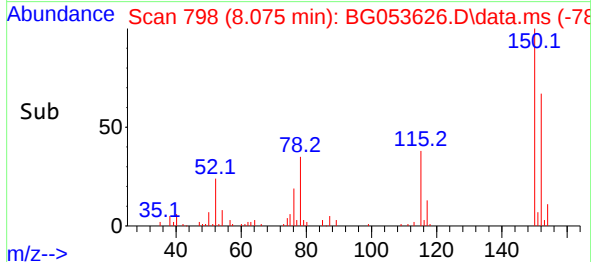
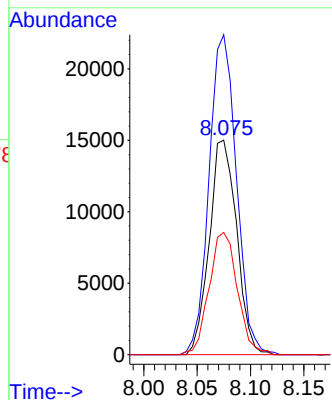
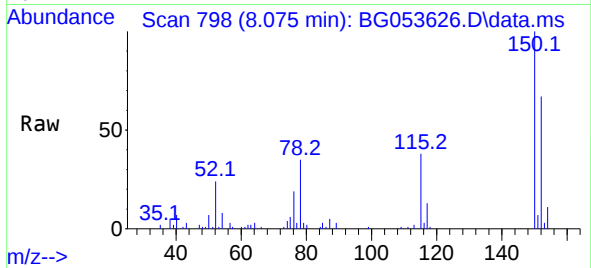




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.075 min Scan# 79  
Delta R.T. -0.000 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

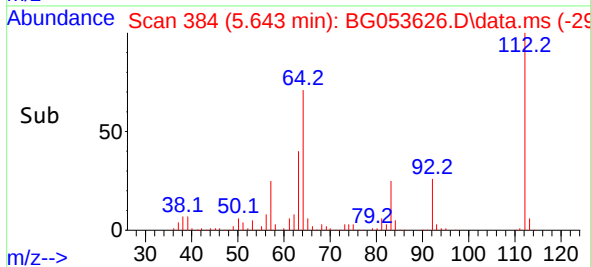
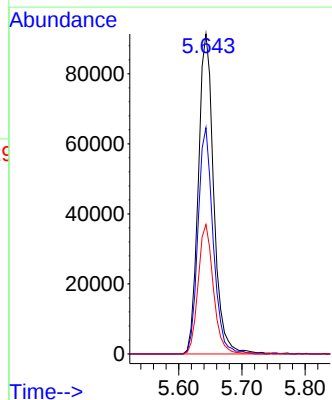
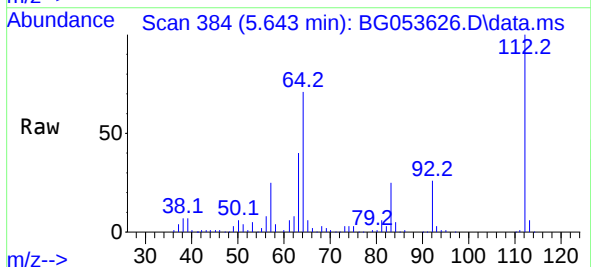
Instrument :  
BNA\_G  
ClientSampleId :  
CS-7W

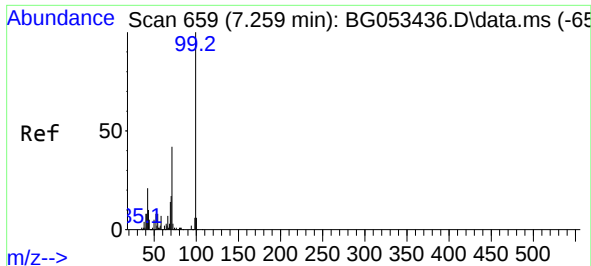
Tgt Ion:152 Resp: 26780  
Ion Ratio Lower Upper  
152 100  
150 149.1 131.6 197.4  
115 56.9 50.9 76.3



#5  
2-Fluorophenol  
Concen: 98.198 ng  
RT: 5.643 min Scan# 384  
Delta R.T. -0.000 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

Tgt Ion:112 Resp: 154952  
Ion Ratio Lower Upper  
112 100  
64 70.7 55.1 82.7  
63 40.5 30.4 45.6

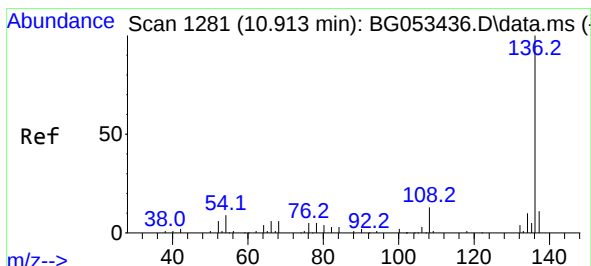
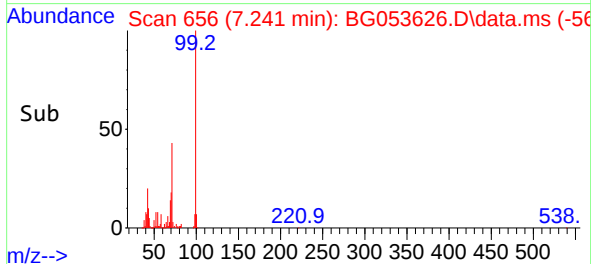
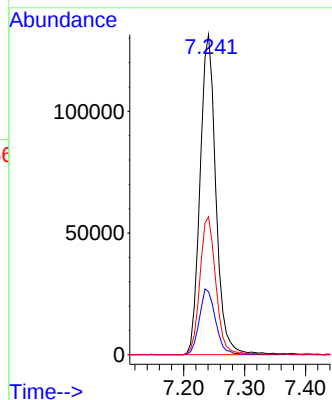
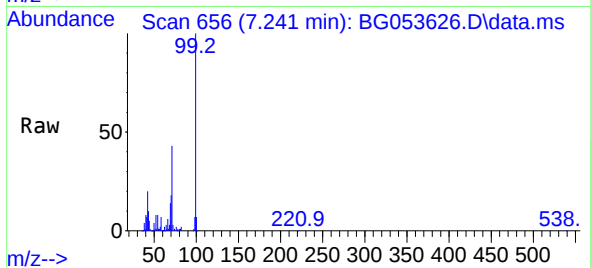




#7  
Phenol-d6  
Concen: 98.960 ng  
RT: 7.241 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

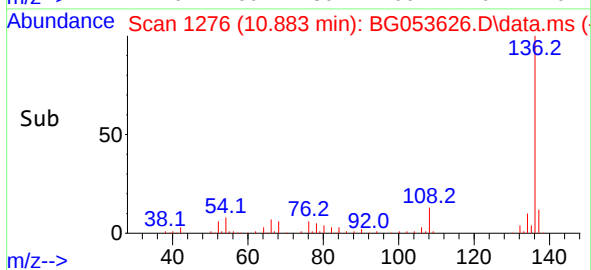
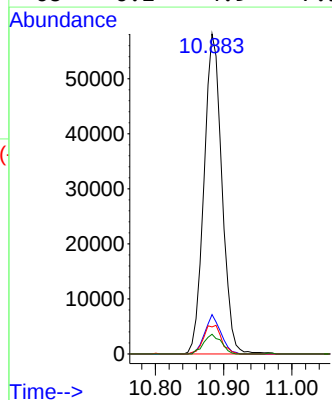
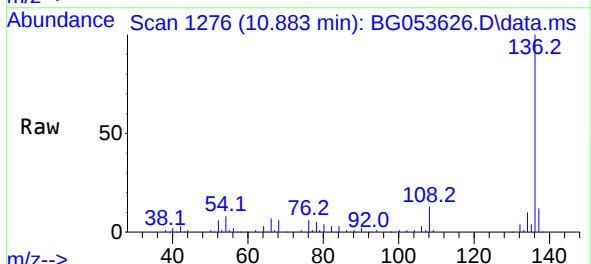
Instrument :  
BNA\_G  
ClientSampleId :  
CS-7W

Tgt Ion: 99 Resp: 236988  
Ion Ratio Lower Upper  
99 100  
42 19.7 17.0 25.6  
71 43.1 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.883 min Scan# 1276  
Delta R.T. -0.000 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

Tgt Ion: 136 Resp: 106086  
Ion Ratio Lower Upper  
136 100  
137 12.3 8.5 12.7  
54 8.5 7.4 11.2  
68 6.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 67.670 ng

RT: 9.238 min Scan# 91

Delta R.T. -0.000 min

Lab File: BG053626.D

Acq: 19 May 2022 14:57

Instrument :

BNA\_G

ClientSampleId :

CS-7W

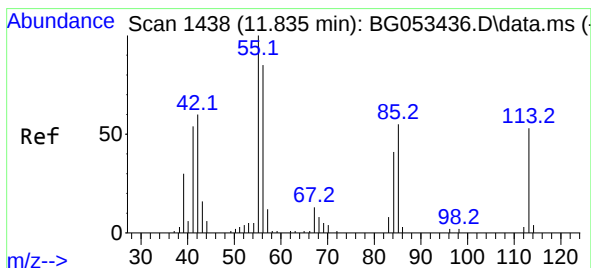
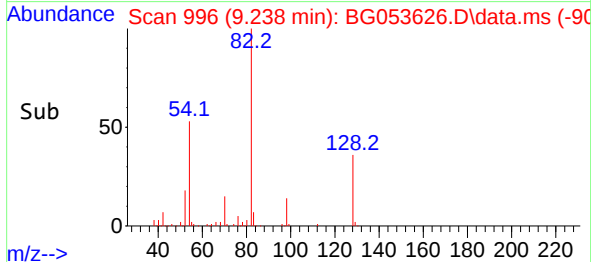
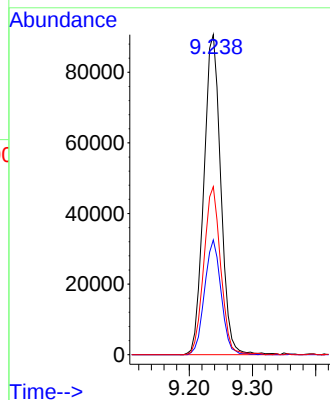
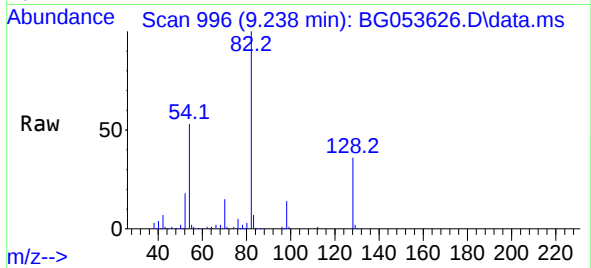
Tgt Ion: 82 Resp: 168643

Ion Ratio Lower Upper

82 100

128 35.9 27.9 41.9

54 52.5 41.2 61.8



#35

Caprolactam

Concen: 3.420 ng

RT: 11.793 min Scan# 1431

Delta R.T. -0.018 min

Lab File: BG053626.D

Acq: 19 May 2022 14:57

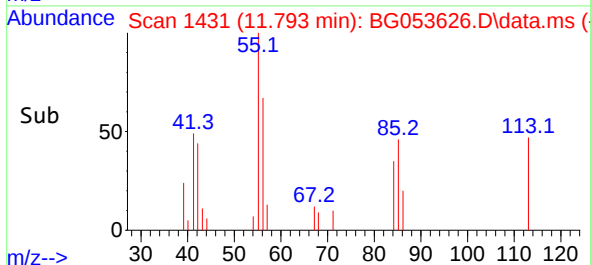
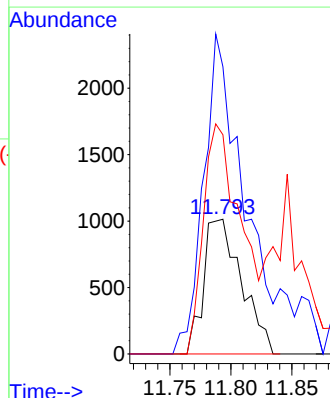
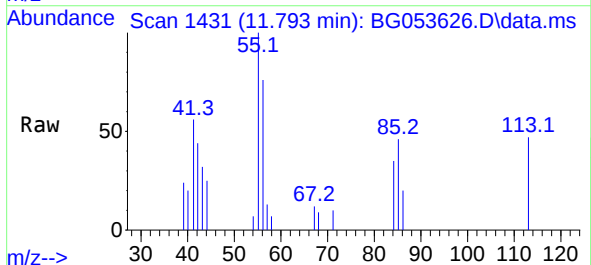
Tgt Ion: 113 Resp: 2205

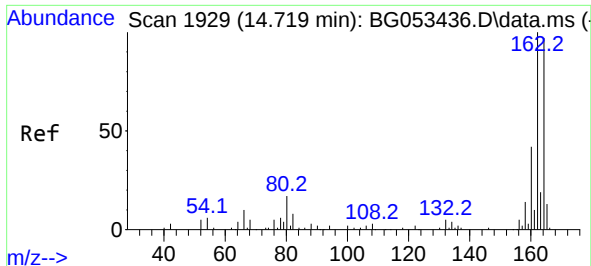
Ion Ratio Lower Upper

113 100

55 213.1 169.8 209.8#

56 162.6 141.2 181.2

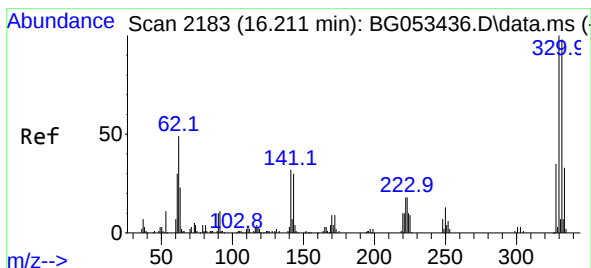
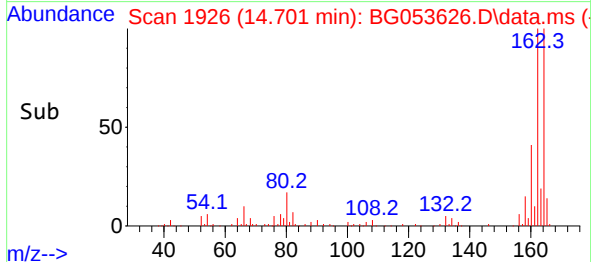
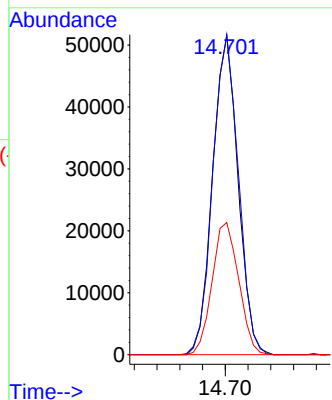
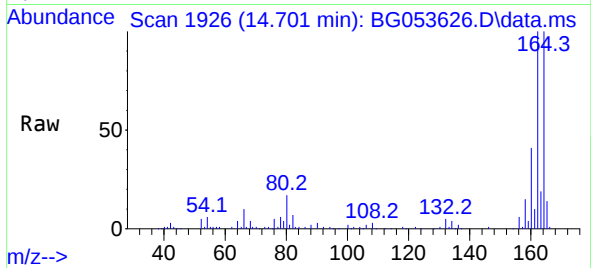




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.701 min Scan# 1926  
Delta R.T. -0.000 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

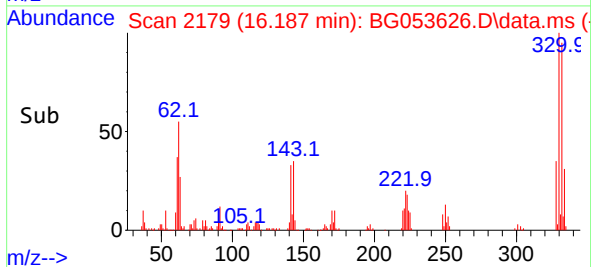
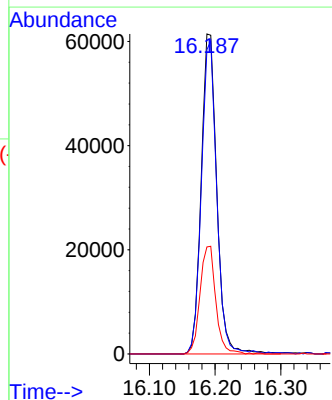
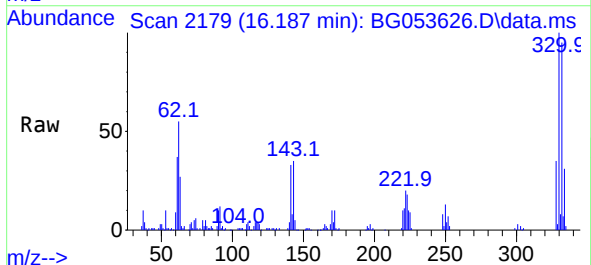
Instrument :  
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ClientSampleId :  
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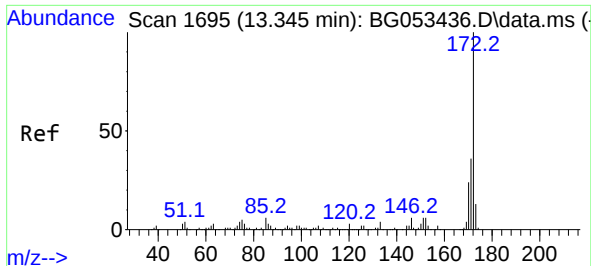
Tgt Ion:164 Resp: 80079  
Ion Ratio Lower Upper  
164 100  
162 100.5 82.3 123.5  
160 41.5 34.2 51.2



#42  
2,4,6-Tribromophenol  
Concen: 85.921 ng  
RT: 16.187 min Scan# 2179  
Delta R.T. -0.006 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

Tgt Ion:330 Resp: 101479  
Ion Ratio Lower Upper  
330 100  
332 96.2 76.0 114.0  
141 34.0 27.1 40.7

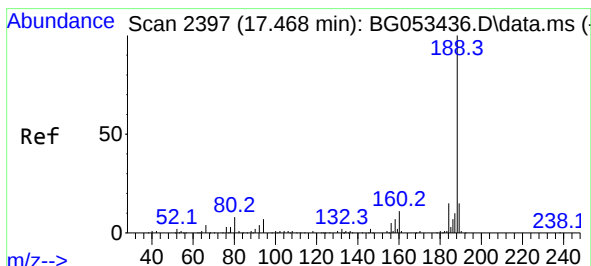
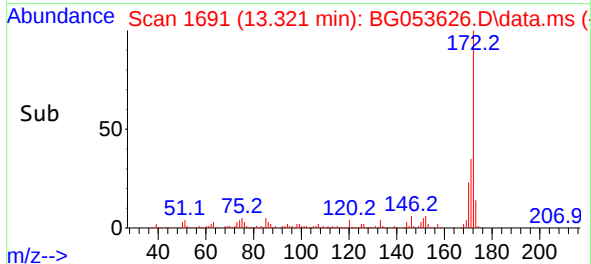
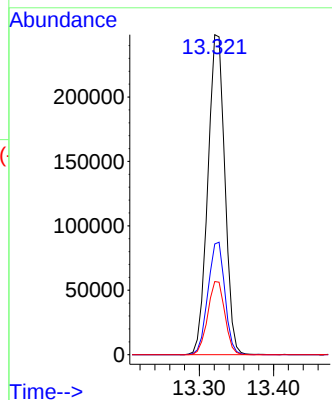
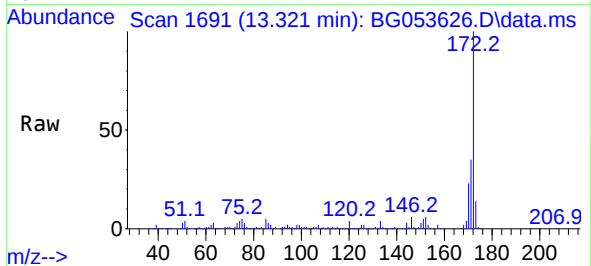




#45  
2-Fluorobiphenyl  
Concen: 72.089 ng  
RT: 13.321 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

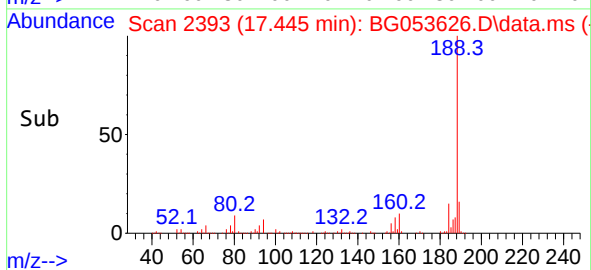
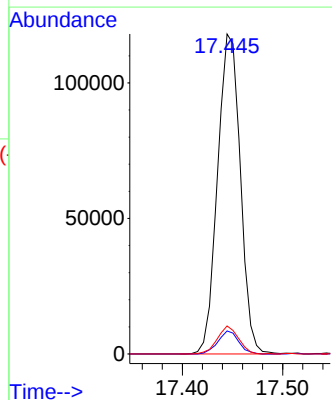
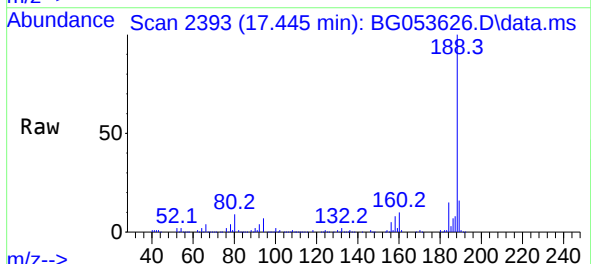
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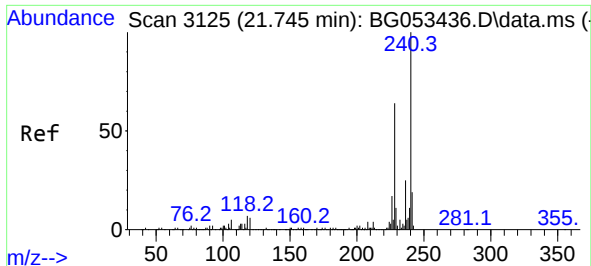
Tgt Ion:172 Resp: 395052  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.5 42.7  
170 22.9 18.9 28.3



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.445 min Scan# 2393  
Delta R.T. -0.006 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

Tgt Ion:188 Resp: 185769  
Ion Ratio Lower Upper  
188 100  
94 7.2 5.4 8.0  
80 8.7 6.8 10.2

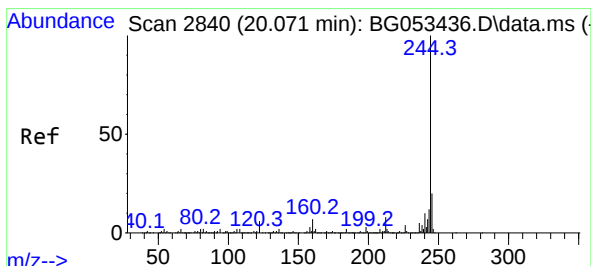
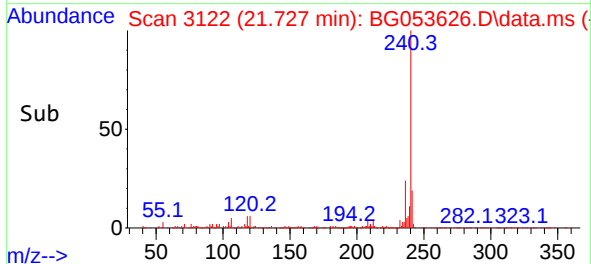
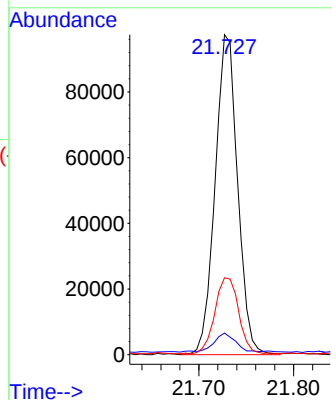
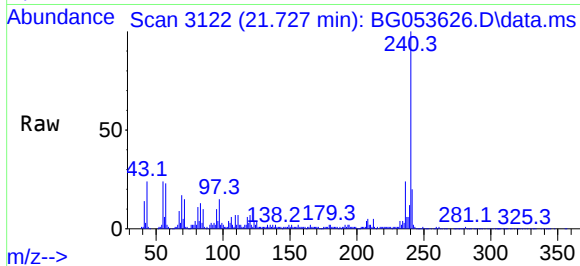




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.727 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

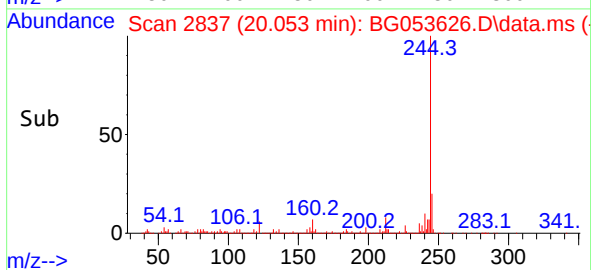
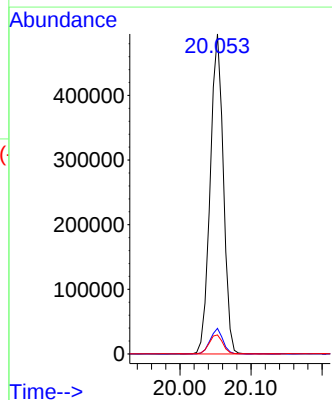
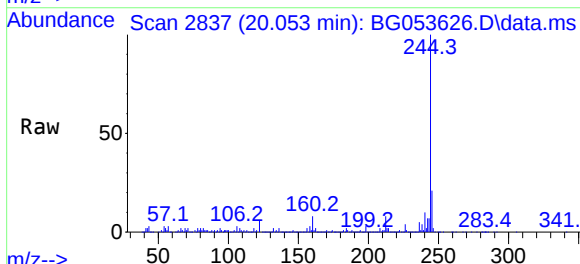
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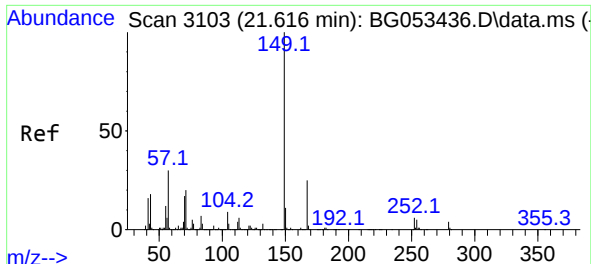
Tgt Ion:240 Resp: 160977  
Ion Ratio Lower Upper  
240 100  
120 6.7 4.6 7.0  
236 24.1 20.2 30.4



#79  
Terphenyl-d14  
Concen: 73.580 ng  
RT: 20.053 min Scan# 2837  
Delta R.T. -0.000 min  
Lab File: BG053626.D  
Acq: 19 May 2022 14:57

Tgt Ion:244 Resp: 635971  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.5 9.7  
122 6.0 5.0 7.4

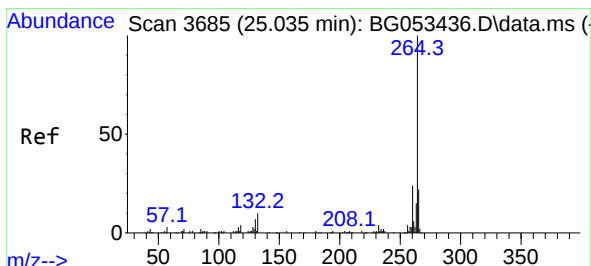
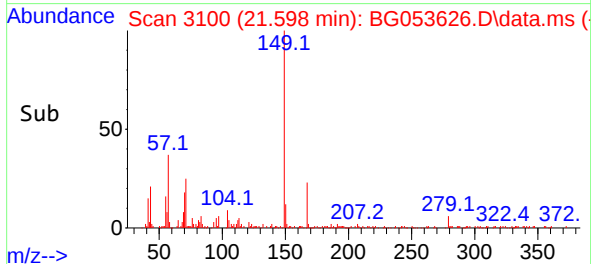
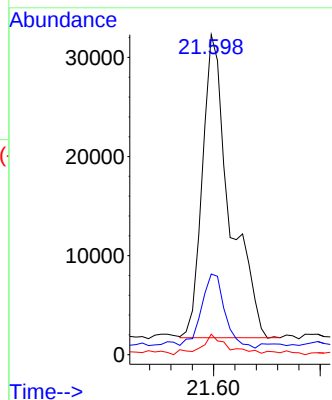
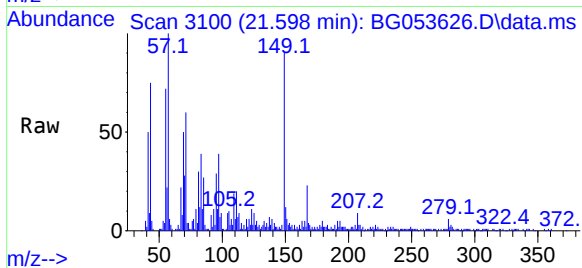




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 10.291 ng  
 RT: 21.598 min Scan# 3100  
 Delta R.T. -0.000 min  
 Lab File: BG053626.D  
 Acq: 19 May 2022 14:57

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CS-7W

Tgt Ion:149 Resp: 54276  
 Ion Ratio Lower Upper  
 149 100  
 167 25.2 20.2 30.4  
 279 6.4 3.6 5.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.011 min Scan# 3681  
 Delta R.T. 0.006 min  
 Lab File: BG053626.D  
 Acq: 19 May 2022 14:57

Tgt Ion:264 Resp: 161131  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.0 28.6  
 265 21.5 17.4 26.2

