

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092322\  
 Data File : BG055015.D  
 Acq On : 23 Sep 2022 16:44  
 Operator : CG/JU  
 Sample : N4751-05  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PE-5

Quant Time: Sep 24 02:28:11 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG091922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 19 17:41:40 2022  
 Response via : Initial Calibration

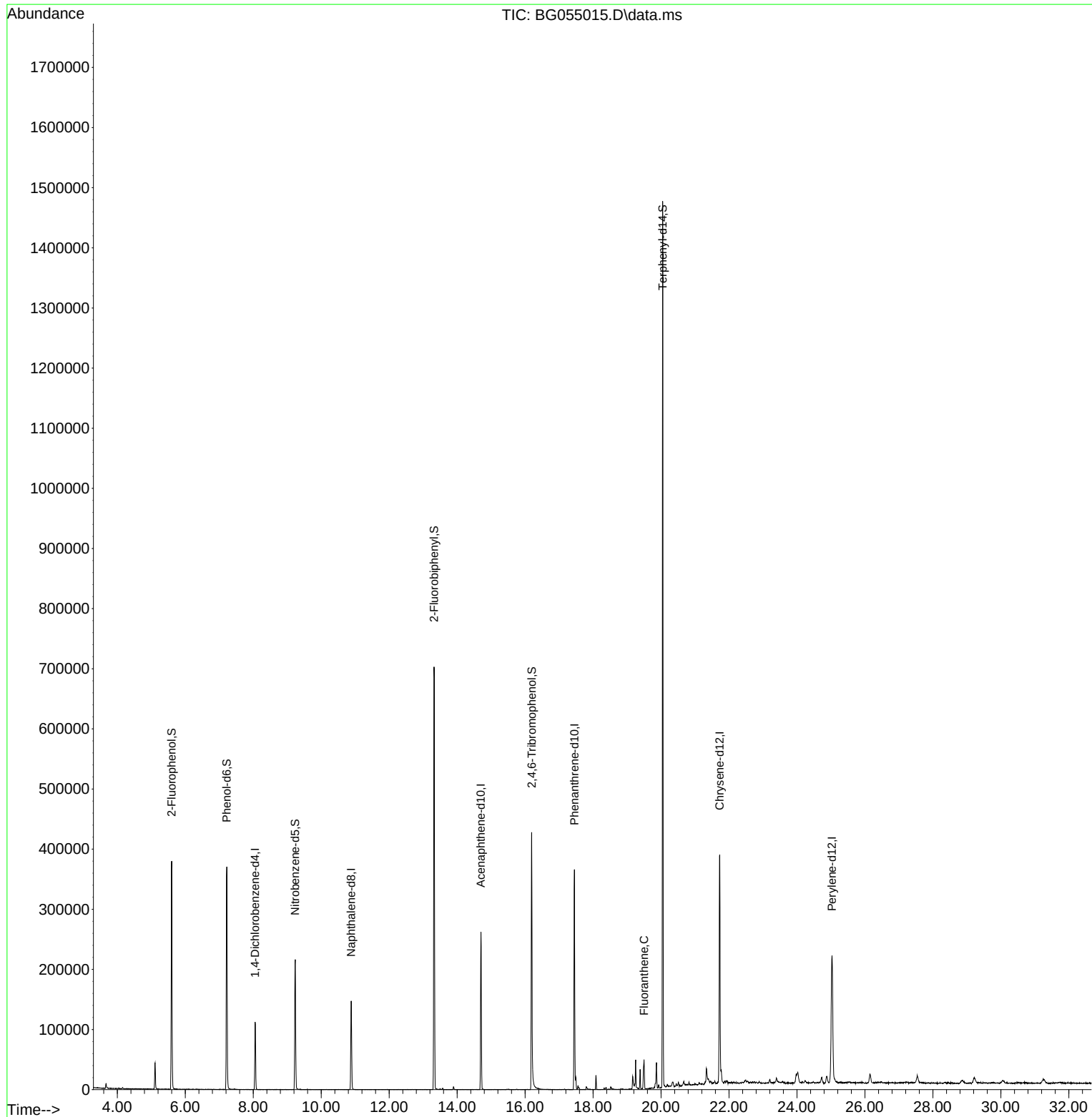
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 8.056  | 152  | 36425    | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 10.882 | 136  | 142568   | 20.000  | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 14.701 | 164  | 101609   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.450 | 188  | 249055   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 21.728 | 240  | 251479   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 25.030 | 264  | 265370   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.600  | 112  | 194421   | 104.439 | ng    | 0.00      |
| 7) Phenol-d6                | 7.221  | 99   | 253844   | 101.733 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.237  | 82   | 145686   | 59.229  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.193 | 330  | 115575   | 97.094  | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.320 | 172  | 405994   | 62.970  | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.047 | 244  | 777697   | 64.689  | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 75) Fluoranthene            | 19.501 | 202  | 32648    | 2.032   | ng    | Qvalue 95 |
| -----                       |        |      |          |         |       |           |

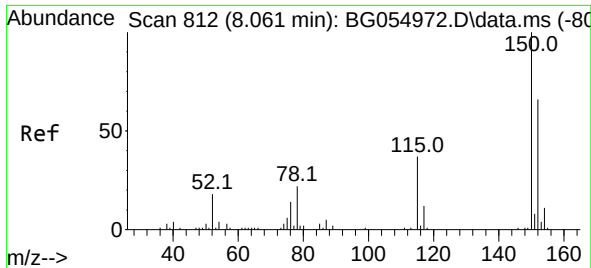
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092322\  
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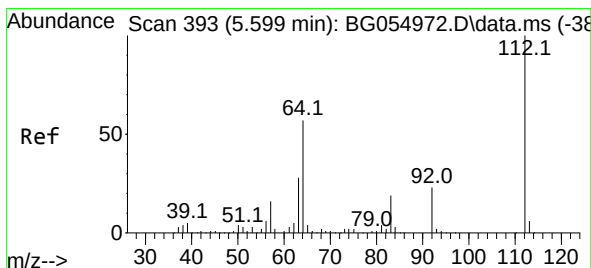
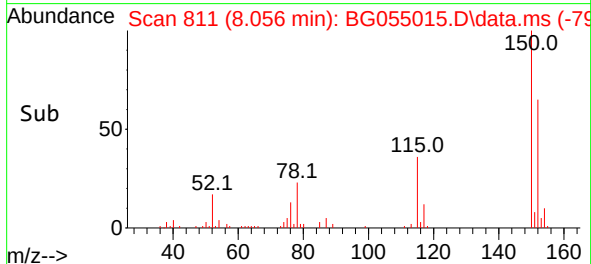
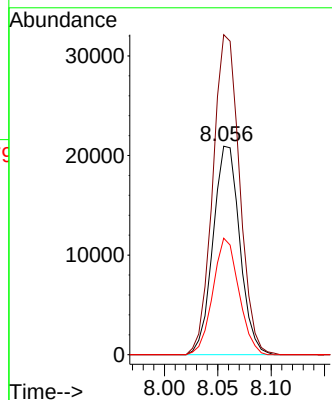
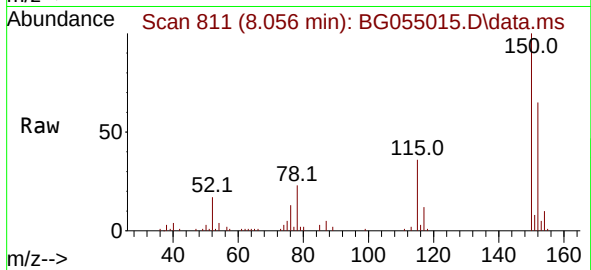




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.056 min Scan# 812  
Delta R.T. -0.005 min  
Lab File: BG055015.D  
Acq: 23 Sep 2022 16:44

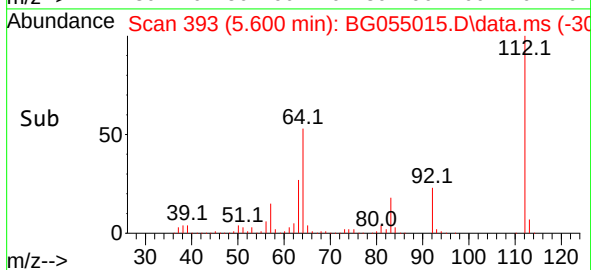
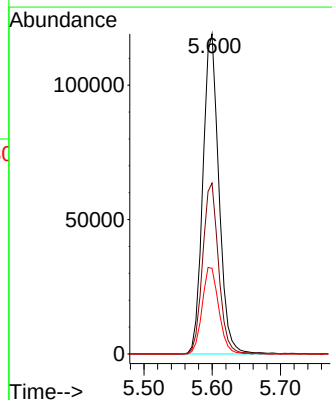
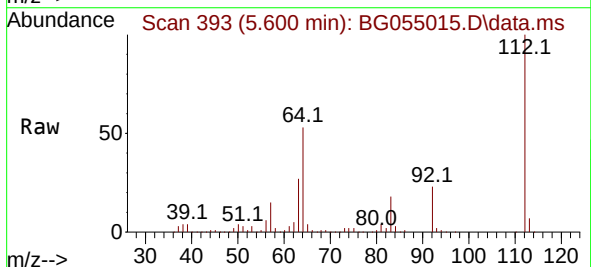
Instrument :  
BNA\_G  
ClientSampleId :  
PE-5

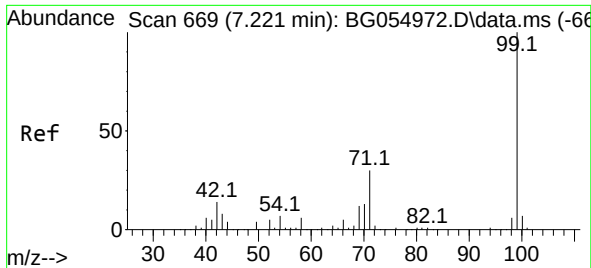
Tgt Ion:152 Resp: 36425  
Ion Ratio Lower Upper  
152 100  
150 153.5 125.2 187.8  
115 55.9 47.9 71.9



#5  
2-Fluorophenol  
Concen: 104.439 ng  
RT: 5.600 min Scan# 393  
Delta R.T. 0.001 min  
Lab File: BG055015.D  
Acq: 23 Sep 2022 16:44

Tgt Ion:112 Resp: 194421  
Ion Ratio Lower Upper  
112 100  
64 53.4 49.3 73.9  
63 26.8 26.3 39.5

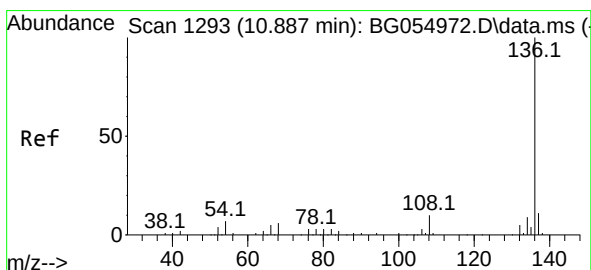
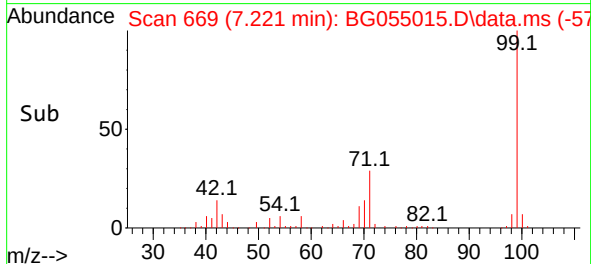
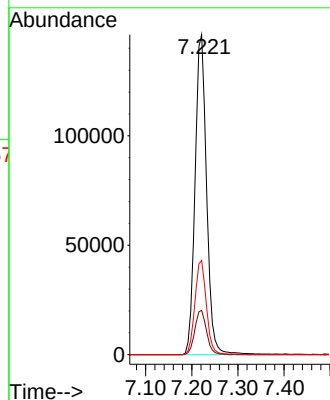
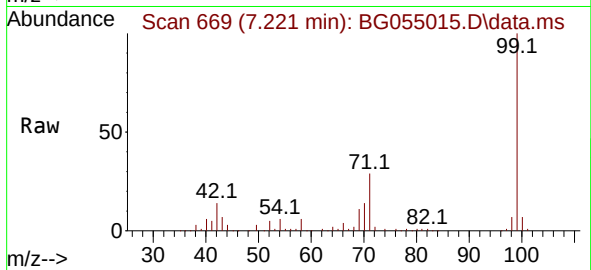




#7  
Phenol-d6  
Concen: 101.733 ng  
RT: 7.221 min Scan# 669  
Delta R.T. 0.001 min  
Lab File: BG055015.D  
Acq: 23 Sep 2022 16:44

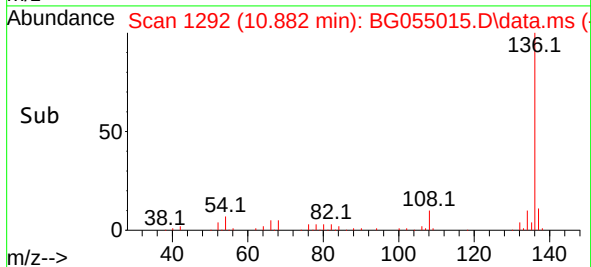
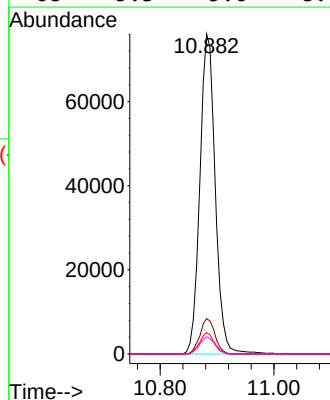
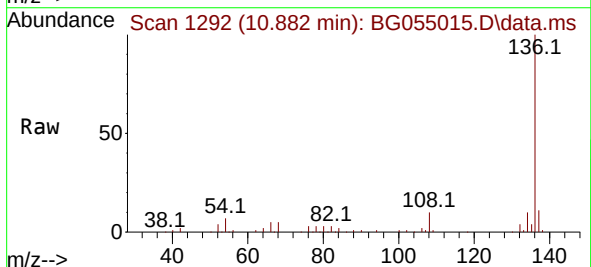
Instrument :  
BNA\_G  
ClientSampleId :  
PE-5

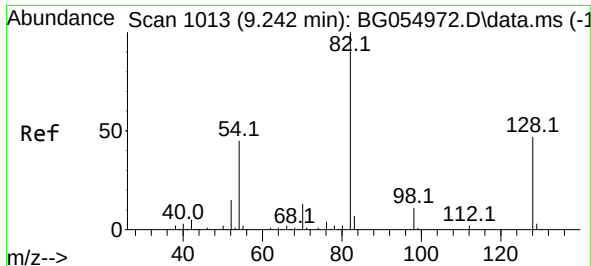
Tgt Ion: 99 Resp: 253844  
Ion Ratio Lower Upper  
99 100  
42 13.8 14.6 22.0#  
71 29.4 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.882 min Scan# 1292  
Delta R.T. -0.005 min  
Lab File: BG055015.D  
Acq: 23 Sep 2022 16:44

Tgt Ion: 136 Resp: 142568  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.2 13.8  
54 6.6 7.7 11.5#  
68 5.3 5.6 8.4#





#23

Nitrobenzene-d5

Concen: 59.229 ng

RT: 9.237 min Scan# 1012

Delta R.T. -0.005 min

Lab File: BG055015.D

Acq: 23 Sep 2022 16:44

Instrument :

BNA\_G

ClientSampleId :

PE-5

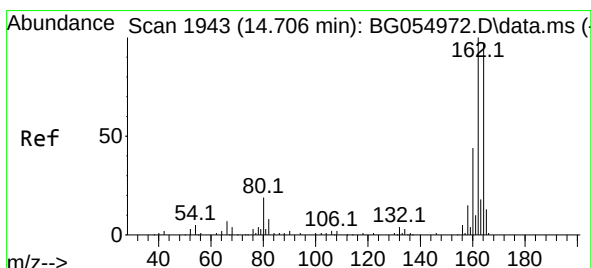
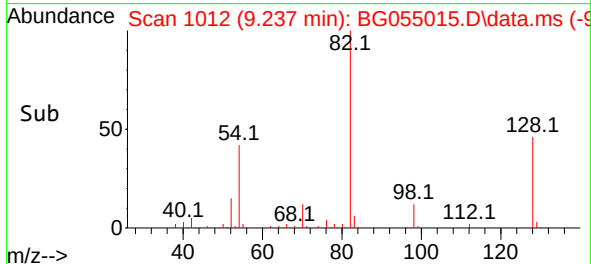
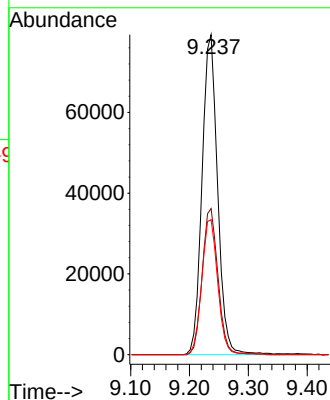
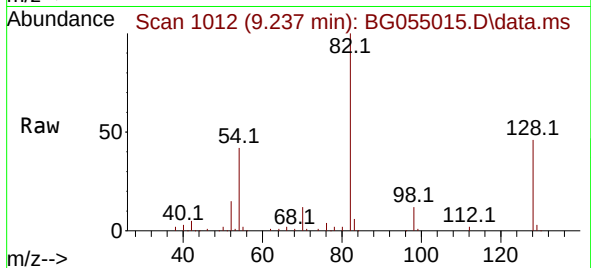
Tgt Ion: 82 Resp: 145686

Ion Ratio Lower Upper

82 100

128 45.6 32.2 48.2

54 42.2 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.701 min Scan# 1942

Delta R.T. -0.005 min

Lab File: BG055015.D

Acq: 23 Sep 2022 16:44

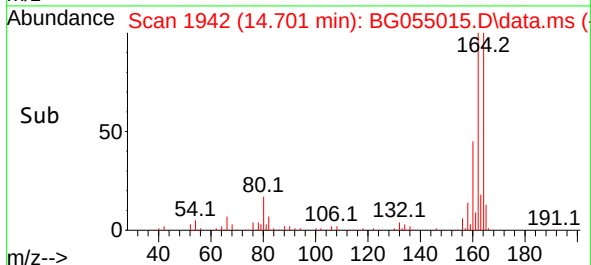
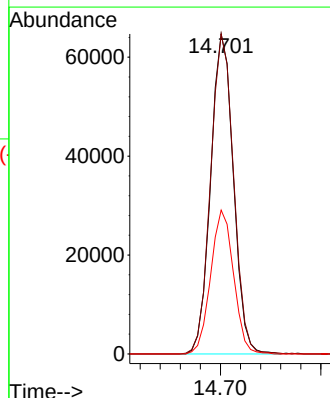
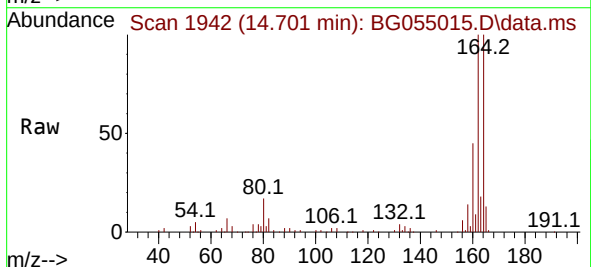
Tgt Ion:164 Resp: 101609

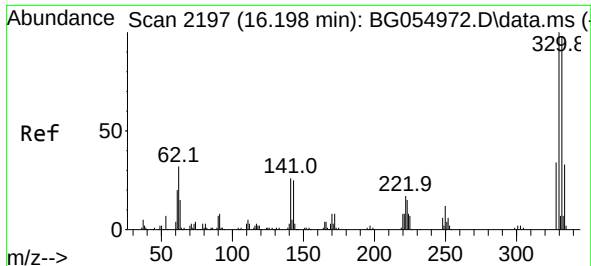
Ion Ratio Lower Upper

164 100

162 100.0 83.0 124.4

160 45.0 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 97.094 ng

RT: 16.193 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055015.D

Acq: 23 Sep 2022 16:44

Instrument :

BNA\_G

ClientSampleId :

PE-5

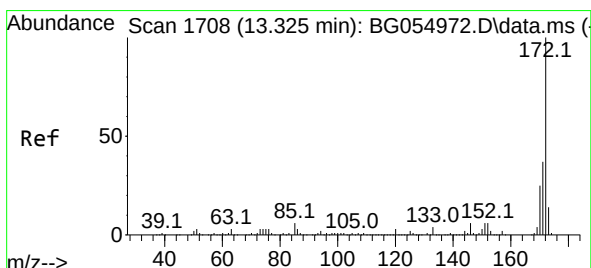
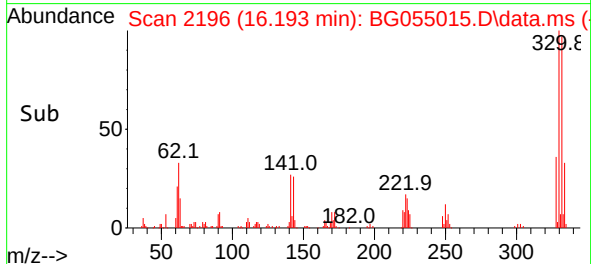
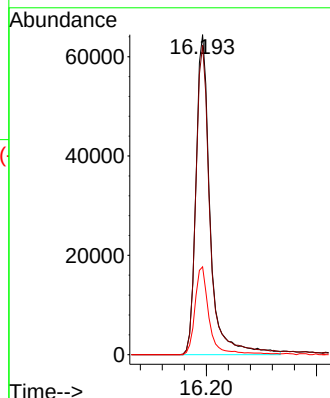
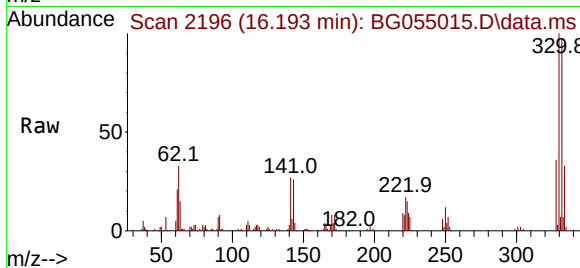
Tgt Ion:330 Resp: 115575

Ion Ratio Lower Upper

330 100

332 97.3 79.8 119.6

141 27.6 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 62.970 ng

RT: 13.320 min Scan# 1707

Delta R.T. -0.005 min

Lab File: BG055015.D

Acq: 23 Sep 2022 16:44

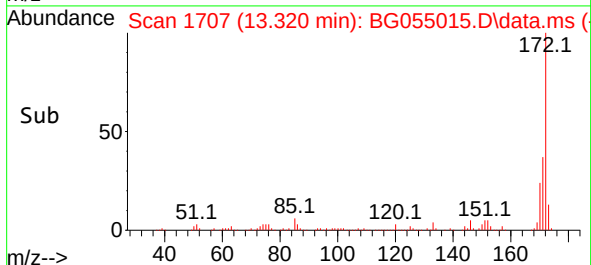
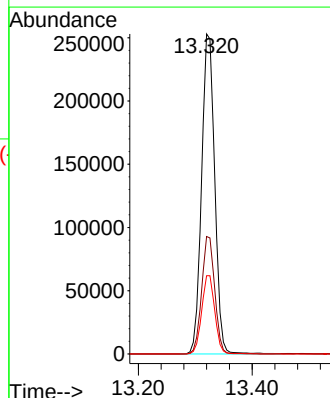
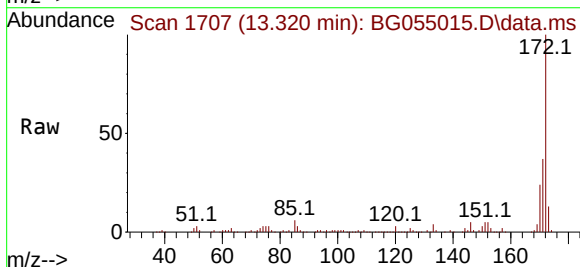
Tgt Ion:172 Resp: 405994

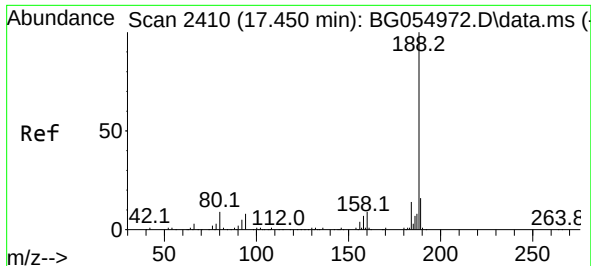
Ion Ratio Lower Upper

172 100

171 36.7 31.2 46.8

170 24.4 20.6 30.8

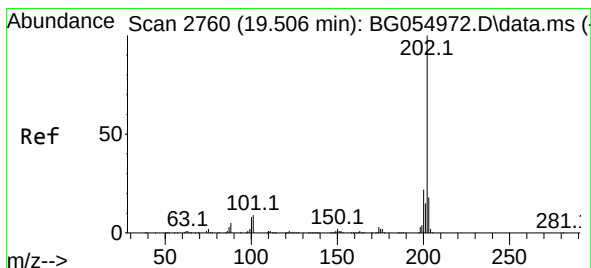
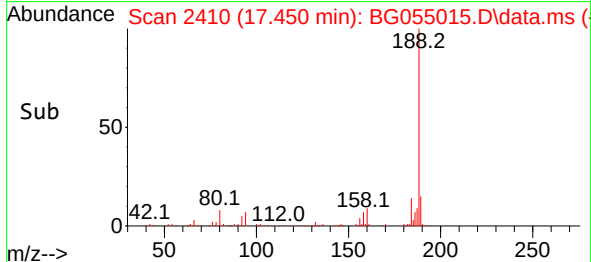
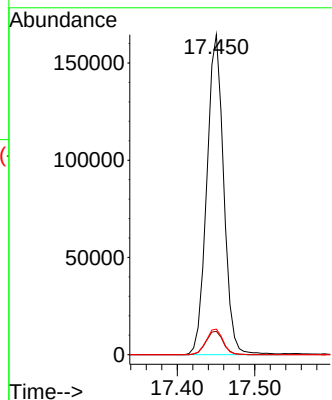
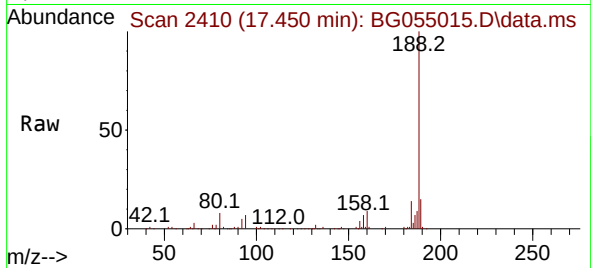




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.450 min Scan# 2410  
Delta R.T. 0.000 min  
Lab File: BG055015.D  
Acq: 23 Sep 2022 16:44

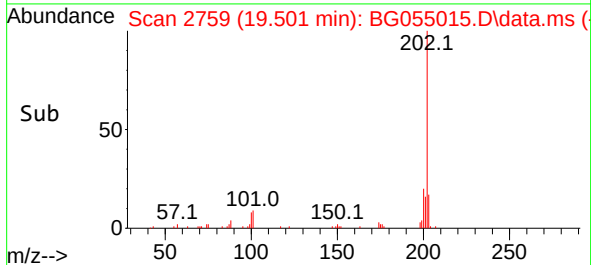
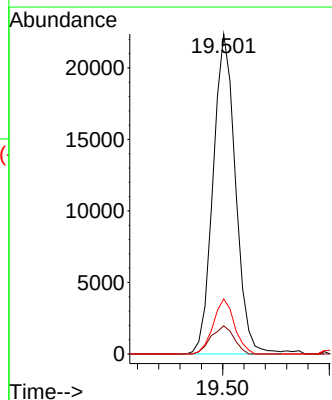
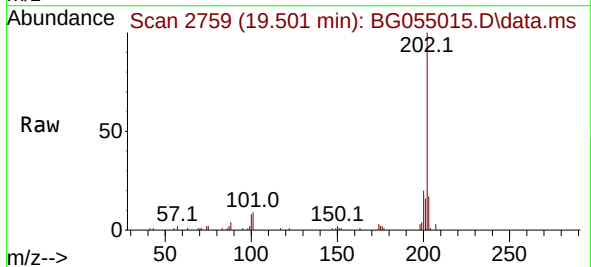
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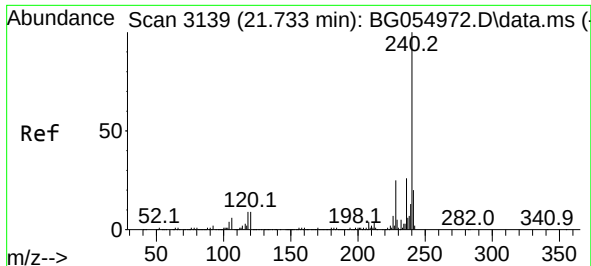
Tgt Ion:188 Resp: 249055  
Ion Ratio Lower Upper  
188 100  
94 7.3 7.0 10.4  
80 8.0 7.9 11.9



#75  
Fluoranthene  
Concen: 2.032 ng  
RT: 19.501 min Scan# 2759  
Delta R.T. -0.005 min  
Lab File: BG055015.D  
Acq: 23 Sep 2022 16:44

Tgt Ion:202 Resp: 32648  
Ion Ratio Lower Upper  
202 100  
101 8.8 0.0 31.4  
203 17.2 0.0 38.6

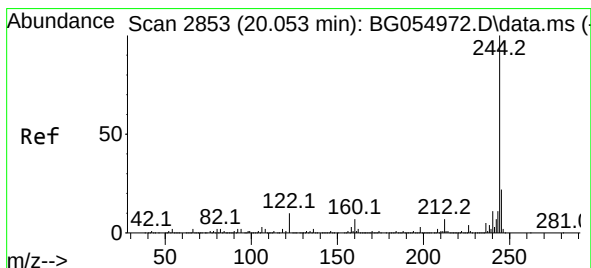
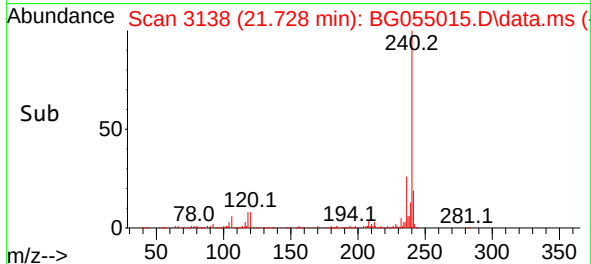
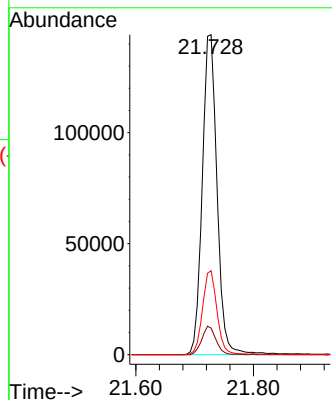
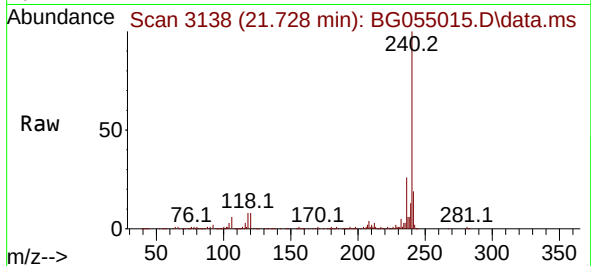




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.728 min Scan# 31  
Delta R.T. -0.005 min  
Lab File: BG055015.D  
Acq: 23 Sep 2022 16:44

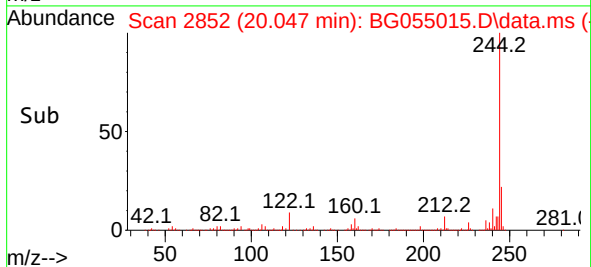
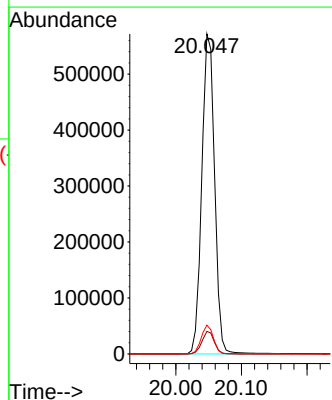
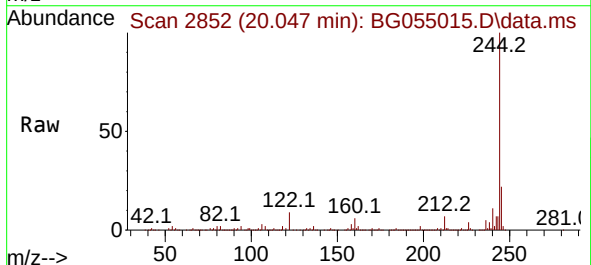
Instrument :  
BNA\_G  
ClientSampleId :  
PE-5

Tgt Ion:240 Resp: 251479  
Ion Ratio Lower Upper  
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120 8.3 8.2 12.4  
236 26.3 21.2 31.8

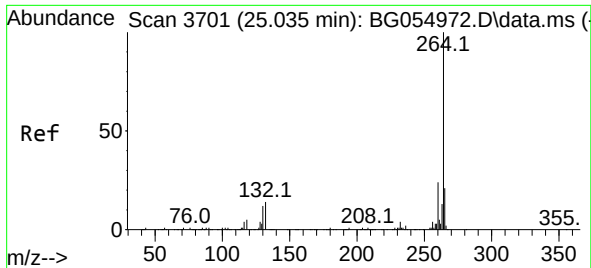


#79  
Terphenyl-d14  
Concen: 64.689 ng  
RT: 20.047 min Scan# 2852  
Delta R.T. -0.005 min  
Lab File: BG055015.D  
Acq: 23 Sep 2022 16:44

Tgt Ion:244 Resp: 777697  
Ion Ratio Lower Upper  
244 100  
212 7.0 6.2 9.2  
122 9.0 9.0 13.6#







#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.030 min Scan# 31  
 Delta R.T. -0.005 min  
 Lab File: BG055015.D  
 Acq: 23 Sep 2022 16:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PE-5

Tgt Ion:264 Resp: 265370  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.9 29.9  
 265 21.7 16.9 25.3

