

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100622\  
 Data File : BG055091.D  
 Acq On : 6 Oct 2022 21:06  
 Operator : CG/JU  
 Sample : N5014-15  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-03-0-2.0

Quant Time: Oct 07 01:15:50 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 04 07:12:22 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.336  | 152  | 23836    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.168 | 136  | 103089   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.940 | 164  | 77790    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.672 | 188  | 209204   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.967 | 240  | 215009   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.416 | 264  | 227939   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.851  | 112  | 145234   | 135.335 | ng    | 0.00     |
| 7) Phenol-d6                | 7.460  | 99   | 197757   | 122.990 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.505  | 82   | 123077   | 71.340  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.415 | 330  | 129163   | 158.339 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.571 | 172  | 311628   | 62.539  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.251 | 244  | 659122   | 61.961  | ng    | 0.00     |

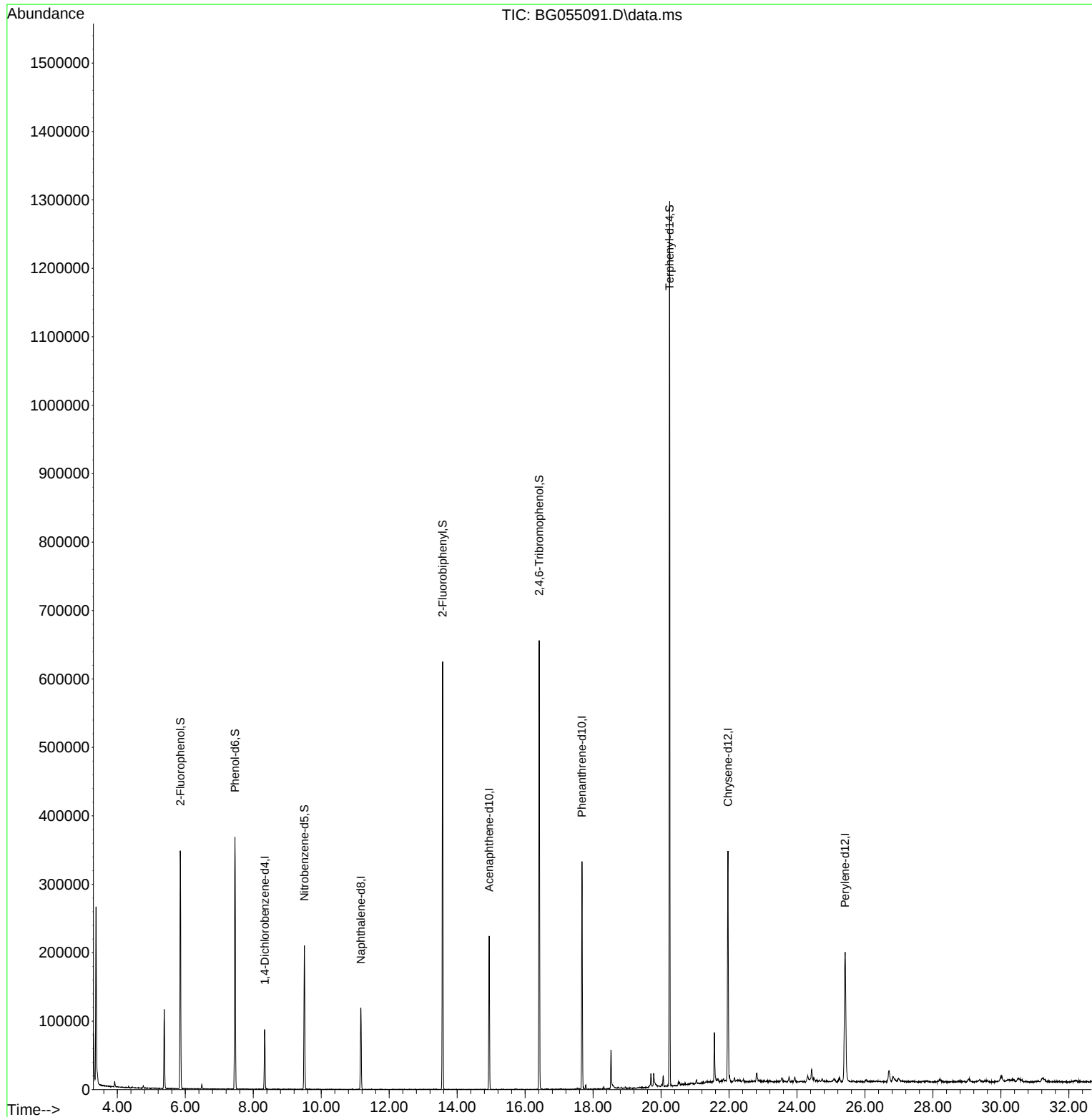
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

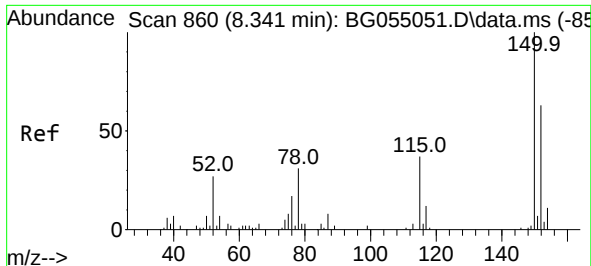
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-03-0-2.0

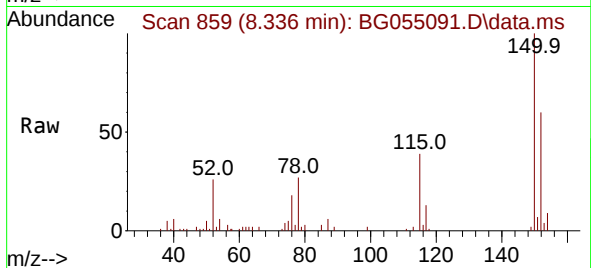
Quant Time: Oct 07 01:15:50 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 04 07:12:22 2022  
Response via : Initial Calibration



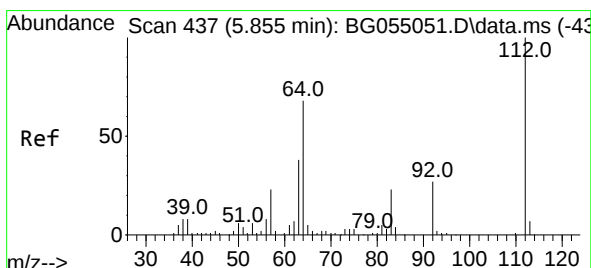
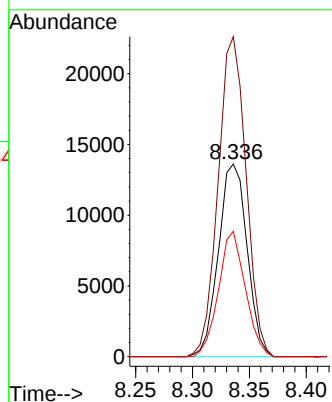
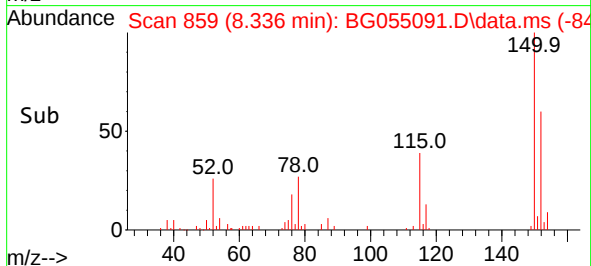


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.336 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG055091.D  
Acq: 6 Oct 2022 21:06

Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-0-2.0

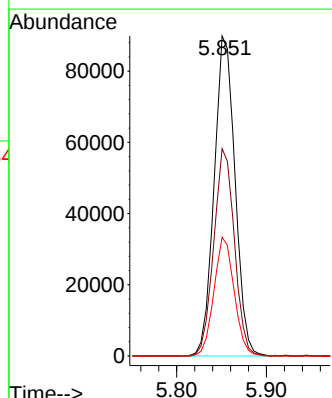
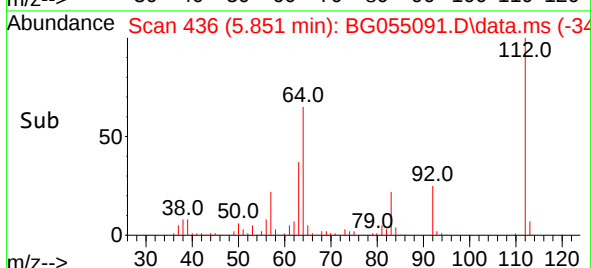
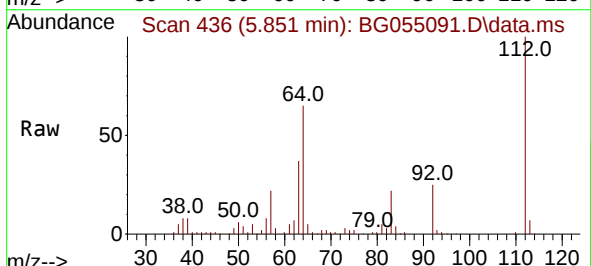


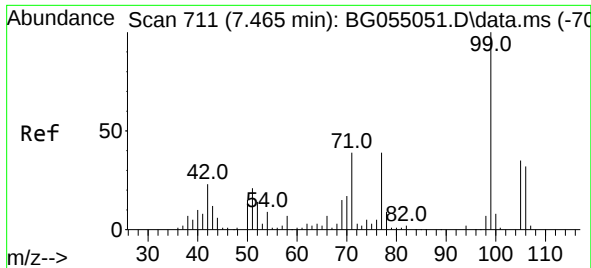
Tgt Ion:152 Resp: 23836  
Ion Ratio Lower Upper  
152 100  
150 166.2 128.0 192.0  
115 65.2 47.7 71.5



#5  
2-Fluorophenol  
Concen: 135.335 ng  
RT: 5.851 min Scan# 436  
Delta R.T. -0.004 min  
Lab File: BG055091.D  
Acq: 6 Oct 2022 21:06

Tgt Ion:112 Resp: 145234  
Ion Ratio Lower Upper  
112 100  
64 64.8 54.5 81.7  
63 37.1 30.5 45.7

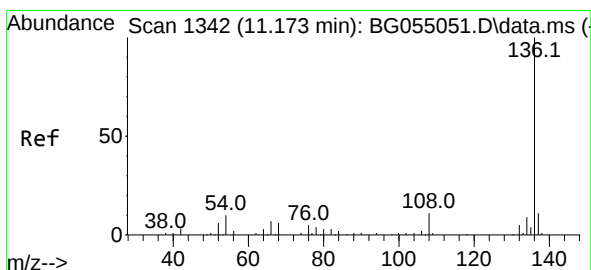
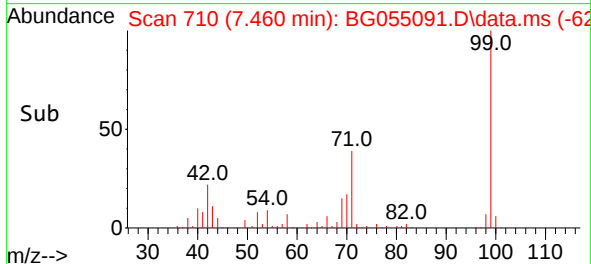
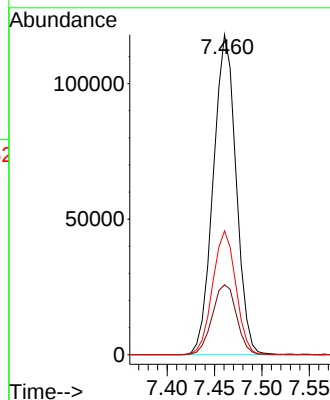
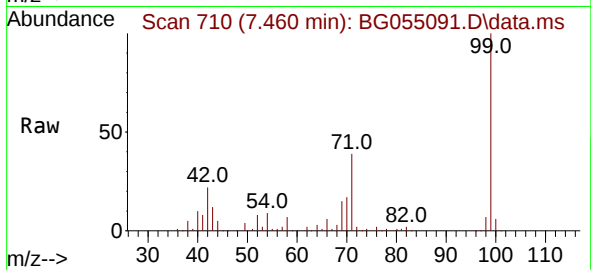




#7  
Phenol-d6  
Concen: 122.990 ng  
RT: 7.460 min Scan# 711  
Delta R.T. -0.005 min  
Lab File: BG055091.D  
Acq: 6 Oct 2022 21:06

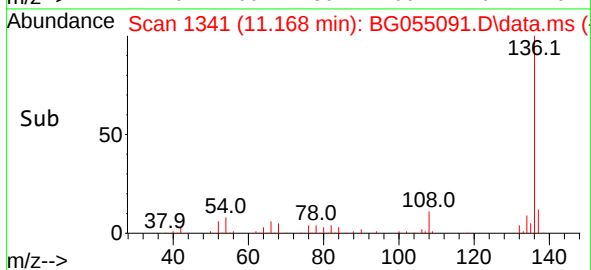
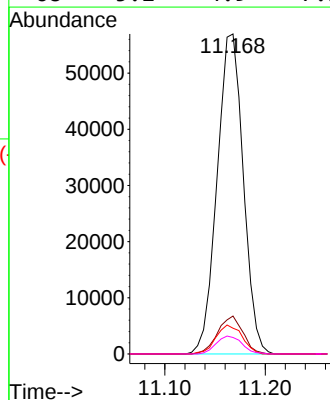
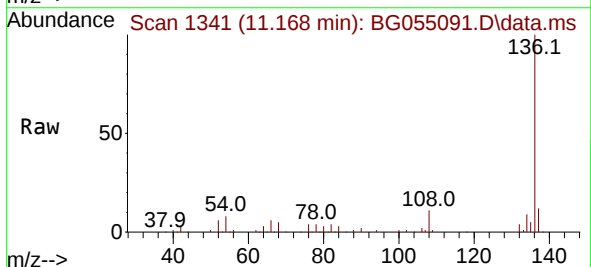
Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-0-2.0

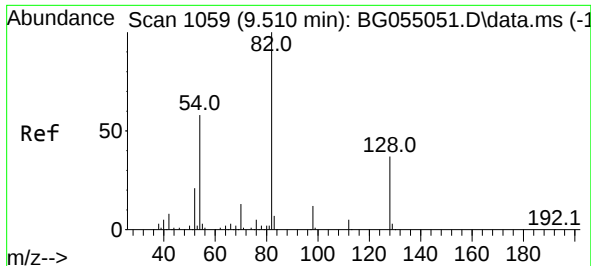
Tgt Ion: 99 Resp: 197757  
Ion Ratio Lower Upper  
99 100  
42 21.8 18.6 28.0  
71 38.7 31.2 46.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.168 min Scan# 1341  
Delta R.T. -0.005 min  
Lab File: BG055091.D  
Acq: 6 Oct 2022 21:06

Tgt Ion:136 Resp: 103089  
Ion Ratio Lower Upper  
136 100  
137 11.9 8.7 13.1  
54 8.0 8.2 12.4#  
68 5.2 4.9 7.3





#23

Nitrobenzene-d5

Concen: 71.340 ng

RT: 9.505 min Scan# 1058

Delta R.T. -0.005 min

Lab File: BG055091.D

Acq: 6 Oct 2022 21:06

Instrument :

BNA\_G

ClientSampleId :

SB-03-0-2.0

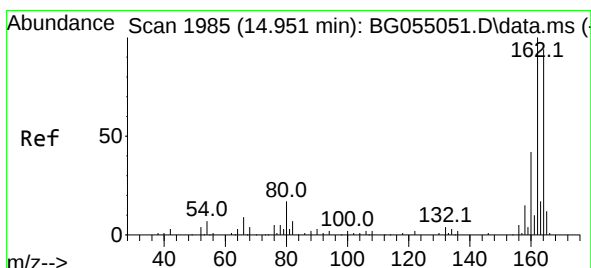
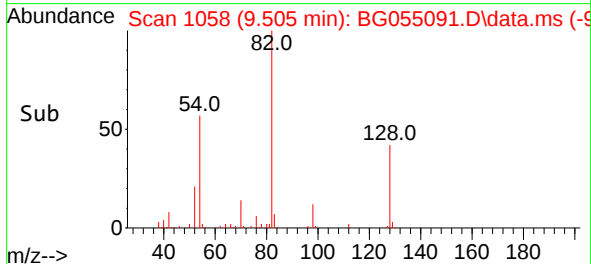
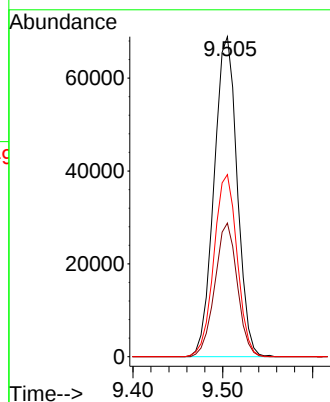
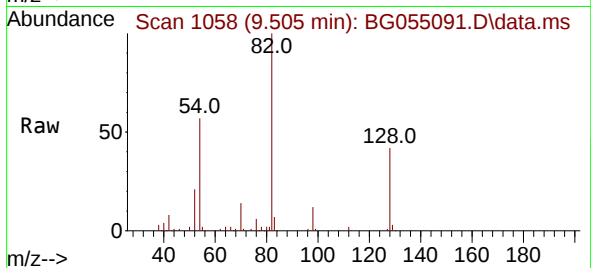
Tgt Ion: 82 Resp: 123077

Ion Ratio Lower Upper

82 100

128 41.8 29.5 44.3

54 56.9 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.940 min Scan# 1983

Delta R.T. -0.011 min

Lab File: BG055091.D

Acq: 6 Oct 2022 21:06

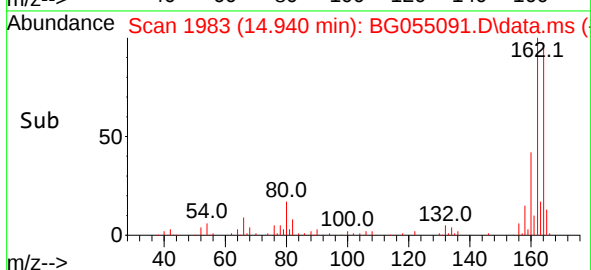
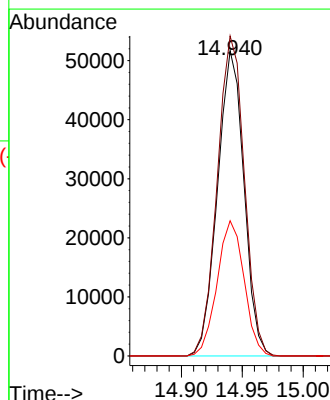
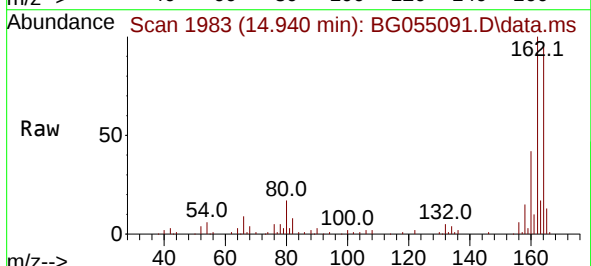
Tgt Ion: 164 Resp: 77790

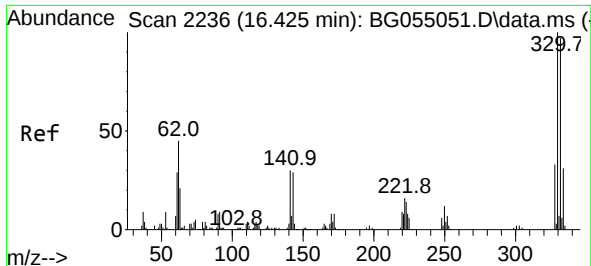
Ion Ratio Lower Upper

164 100

162 104.8 85.5 128.3

160 44.3 35.5 53.3

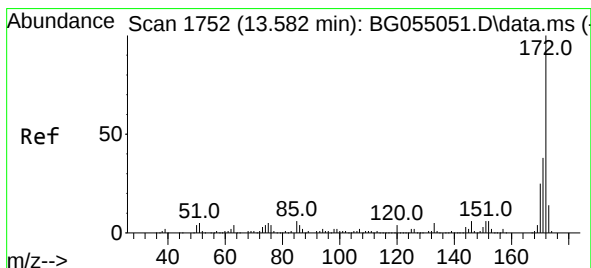
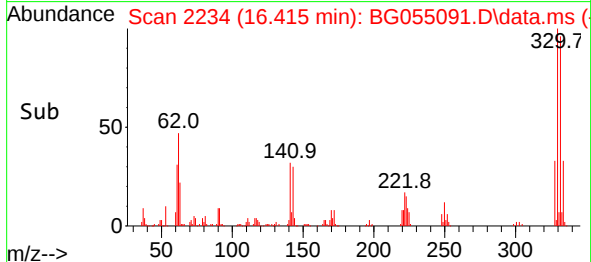
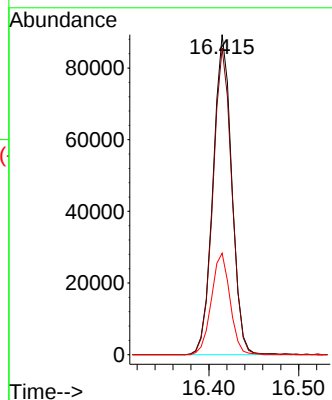
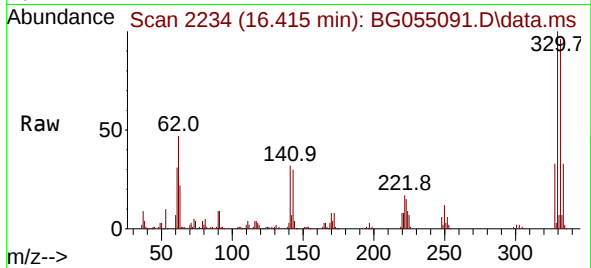




#42  
 2,4,6-Tribromophenol  
 Concen: 158.339 ng  
 RT: 16.415 min Scan# 21  
 Delta R.T. -0.010 min  
 Lab File: BG055091.D  
 Acq: 6 Oct 2022 21:06

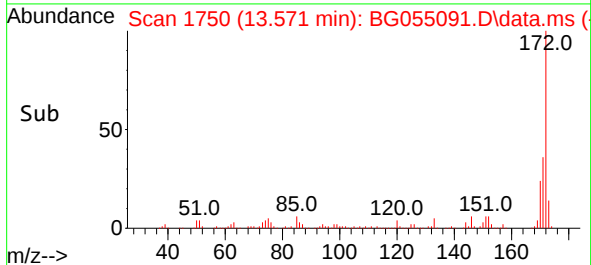
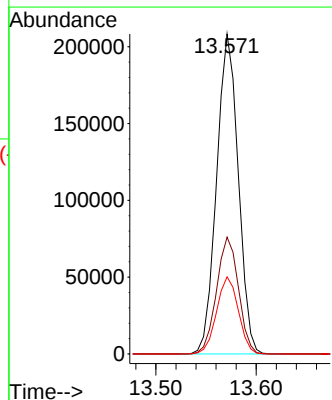
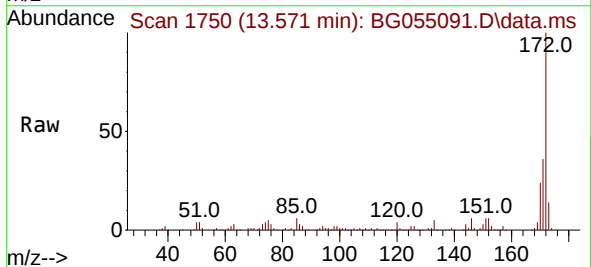
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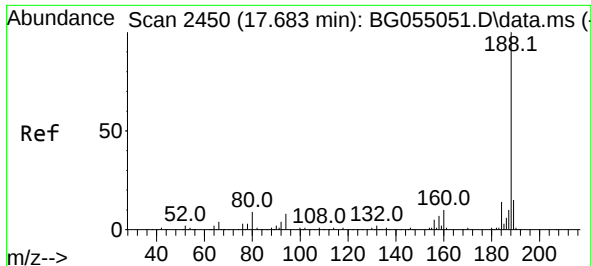
Tgt Ion:330 Resp: 129163  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 77.4 116.0  
 141 31.5 25.0 37.4



#45  
 2-Fluorobiphenyl  
 Concen: 62.539 ng  
 RT: 13.571 min Scan# 1750  
 Delta R.T. -0.011 min  
 Lab File: BG055091.D  
 Acq: 6 Oct 2022 21:06

Tgt Ion:172 Resp: 311628  
 Ion Ratio Lower Upper  
 172 100  
 171 36.5 30.1 45.1  
 170 24.1 20.0 30.0

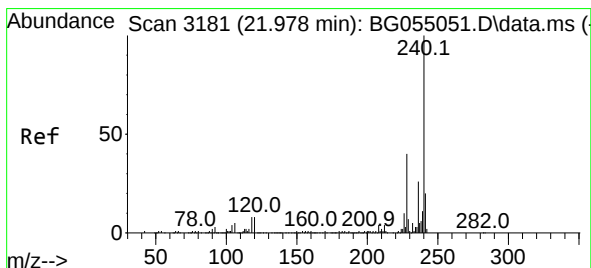
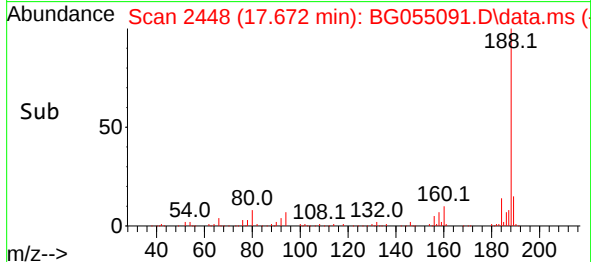
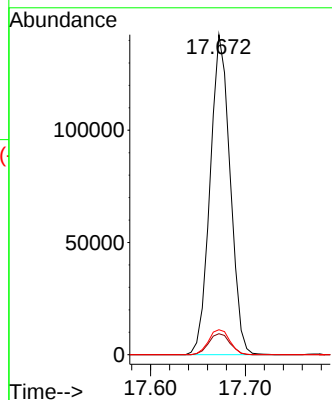
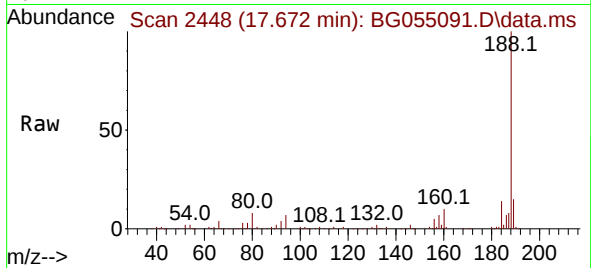




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.672 min Scan# 2448  
Delta R.T. -0.011 min  
Lab File: BG055091.D  
Acq: 6 Oct 2022 21:06

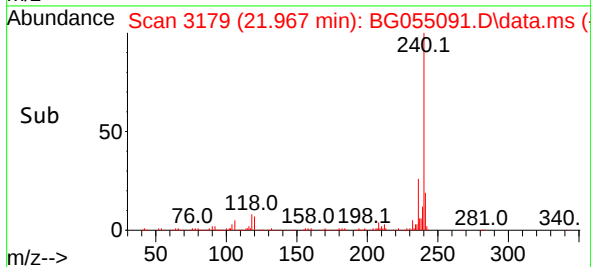
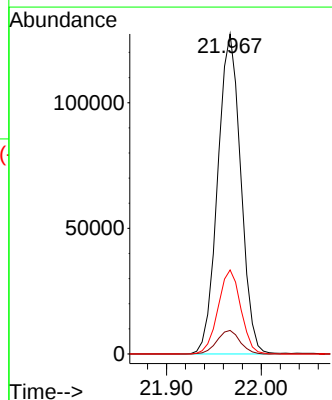
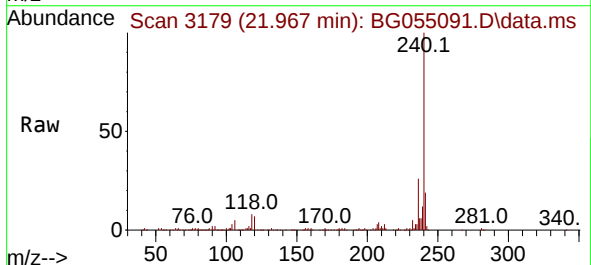
Instrument :  
BNA\_G  
ClientSampleId :  
SB-03-0-2.0

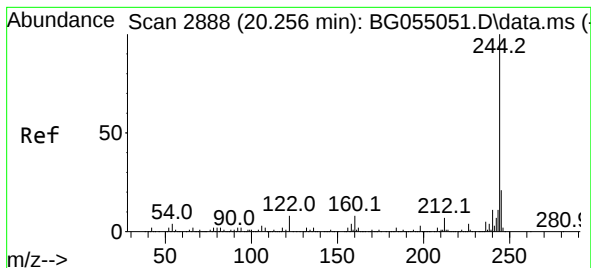
Tgt Ion:188 Resp: 209204  
Ion Ratio Lower Upper  
188 100  
94 6.6 6.2 9.2  
80 7.8 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.967 min Scan# 3179  
Delta R.T. -0.011 min  
Lab File: BG055091.D  
Acq: 6 Oct 2022 21:06

Tgt Ion:240 Resp: 215009  
Ion Ratio Lower Upper  
240 100  
120 7.4 6.2 9.4  
236 26.3 20.6 30.8





#79

Terphenyl-d14

Concen: 61.961 ng

RT: 20.251 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055091.D

Acq: 6 Oct 2022 21:06

Instrument :

BNA\_G

ClientSampleId :

SB-03-0-2.0

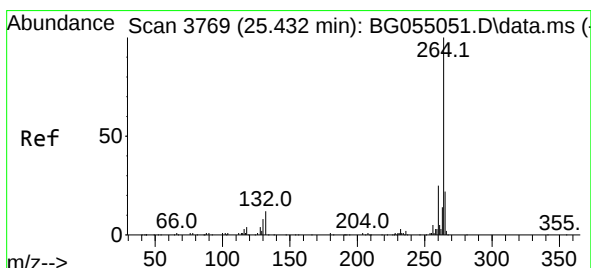
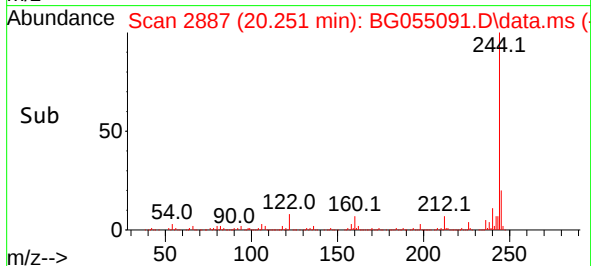
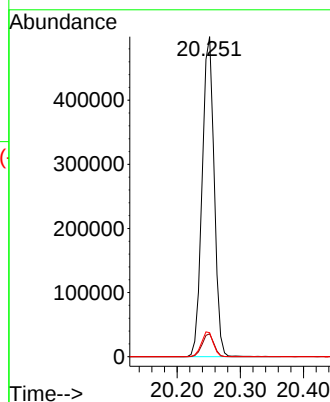
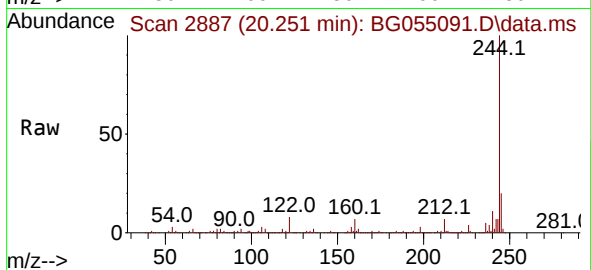
Tgt Ion:244 Resp: 659122

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 7.5 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.416 min Scan# 3766

Delta R.T. -0.017 min

Lab File: BG055091.D

Acq: 6 Oct 2022 21:06

Tgt Ion:264 Resp: 227939

Ion Ratio Lower Upper

264 100

260 24.0 19.7 29.5

265 21.3 17.8 26.6

