

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112822\  
 Data File : BG055806.D  
 Acq On : 28 Nov 2022 15:31  
 Operator : CG/JU  
 Sample : PB149290BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB149290BL

Quant Time: Nov 29 02:09:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 02:02:15 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.231  | 152  | 36415    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.057 | 136  | 151437   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.852 | 164  | 112136   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.590 | 188  | 278442   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.885 | 240  | 291709   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.276 | 264  | 303576   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.763  | 112  | 306817   | 152.294 | ng    | 0.00     |
| 7) Phenol-d6                | 7.379  | 99   | 397386   | 148.178 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.400  | 82   | 248905   | 86.873  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.339 | 330  | 212564   | 134.618 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.478 | 172  | 633171   | 84.591  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.182 | 244  | 1318443  | 90.400  | ng    | 0.00     |

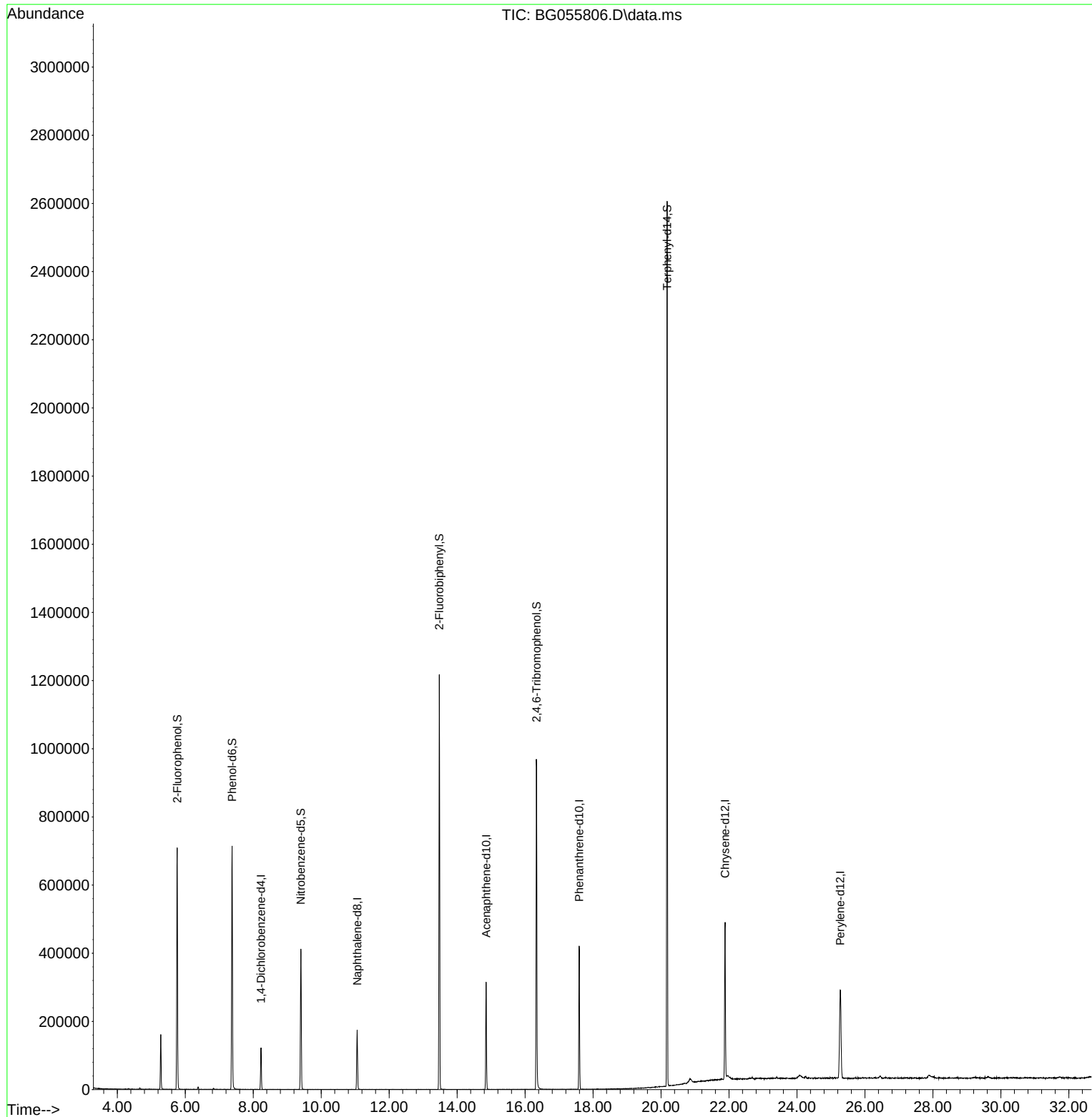
Target Compounds Qvalue

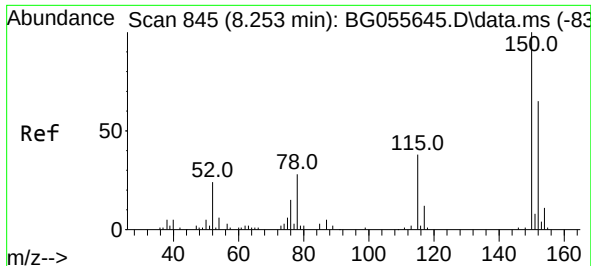
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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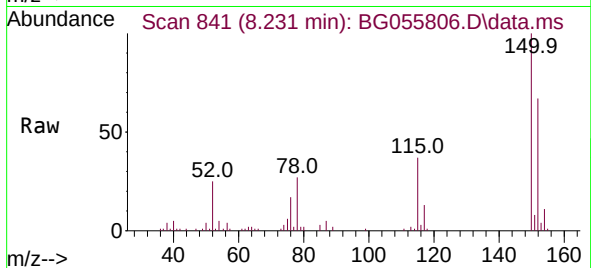
Quant Time: Nov 29 02:09:54 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 29 02:02:15 2022  
Response via : Initial Calibration



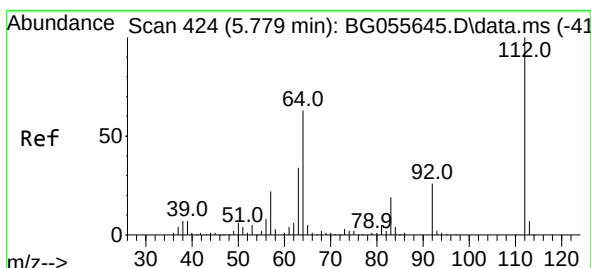
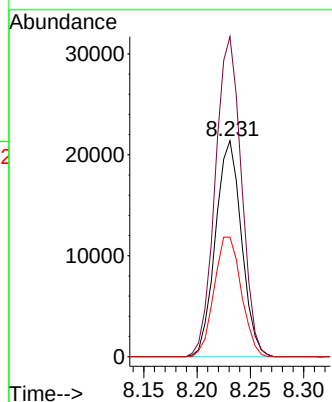
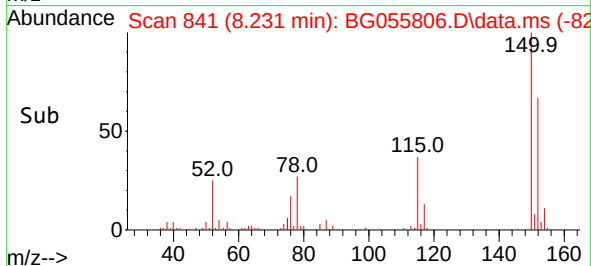


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.231 min Scan# 841  
Delta R.T. -0.000 min  
Lab File: BG055806.D  
Acq: 28 Nov 2022 15:31

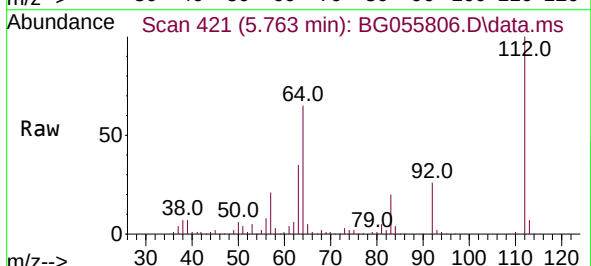
Instrument :  
BNA\_G  
ClientSampleId :  
PB149290BL



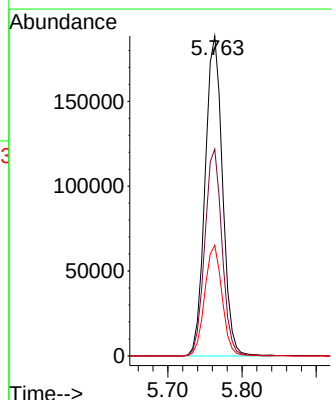
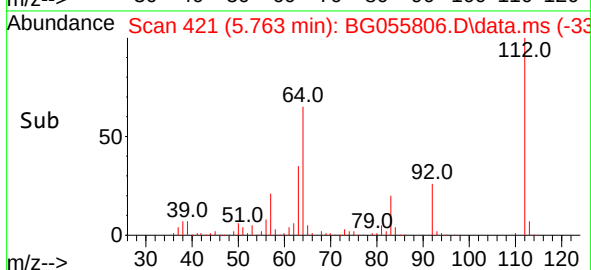
Tgt Ion:152 Resp: 36415  
Ion Ratio Lower Upper  
152 100  
150 148.2 123.0 184.6  
115 55.3 47.0 70.4

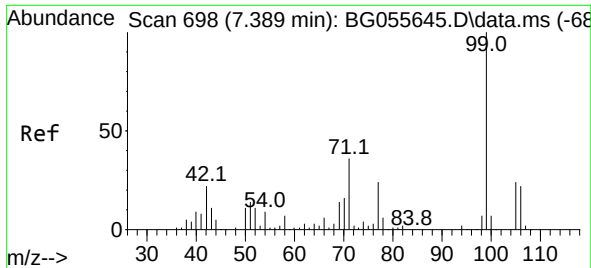


#5  
2-Fluorophenol  
Concen: 152.294 ng  
RT: 5.763 min Scan# 421  
Delta R.T. 0.005 min  
Lab File: BG055806.D  
Acq: 28 Nov 2022 15:31



Tgt Ion:112 Resp: 306817  
Ion Ratio Lower Upper  
112 100  
64 64.7 50.6 76.0  
63 34.5 27.5 41.3

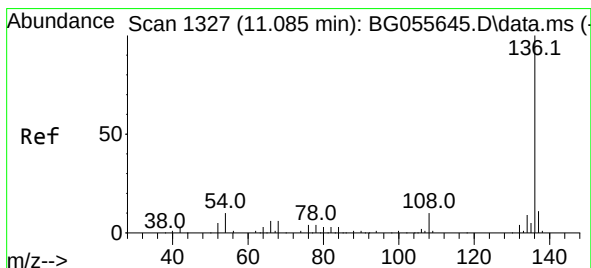
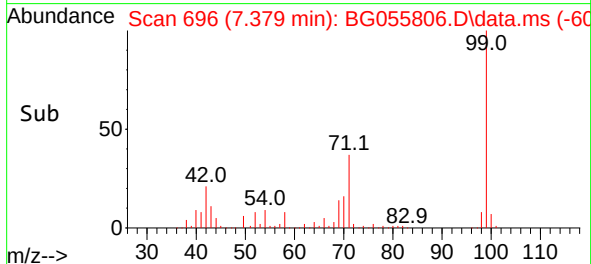
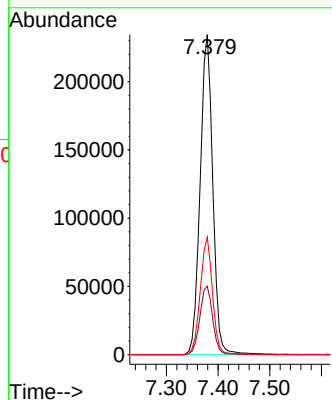
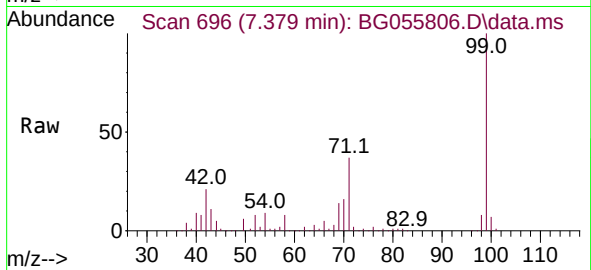




#7  
Phenol-d6  
Concen: 148.178 ng  
RT: 7.379 min Scan# 698  
Delta R.T. -0.000 min  
Lab File: BG055806.D  
Acq: 28 Nov 2022 15:31

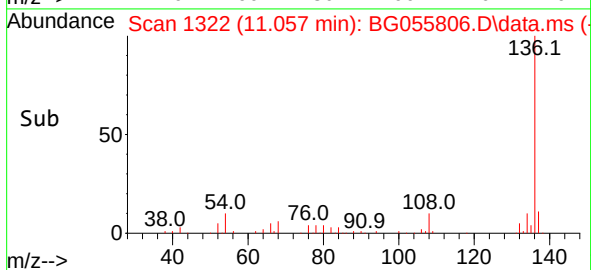
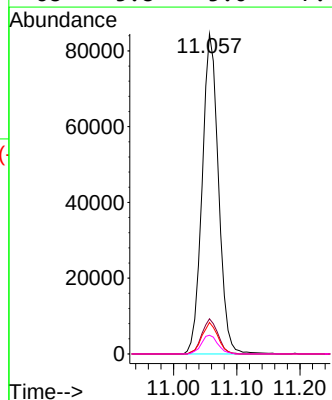
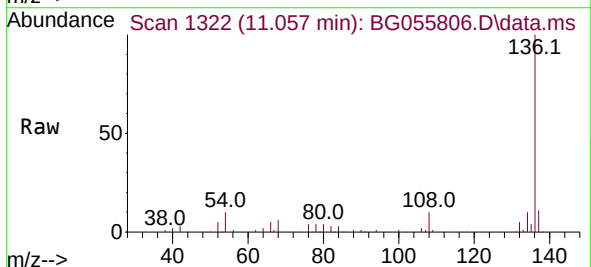
Instrument :  
BNA\_G  
ClientSampleId :  
PB149290BL

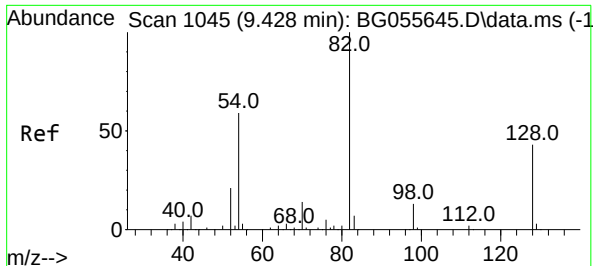
Tgt Ion: 99 Resp: 397386  
Ion Ratio Lower Upper  
99 100  
42 21.4 18.0 27.0  
71 36.7 29.0 43.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.057 min Scan# 1322  
Delta R.T. -0.006 min  
Lab File: BG055806.D  
Acq: 28 Nov 2022 15:31

Tgt Ion: 136 Resp: 151437  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.0 13.6  
54 9.8 7.8 11.6  
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 86.873 ng

RT: 9.400 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BG055806.D

Acq: 28 Nov 2022 15:31

Instrument :

BNA\_G

ClientSampleId :

PB149290BL

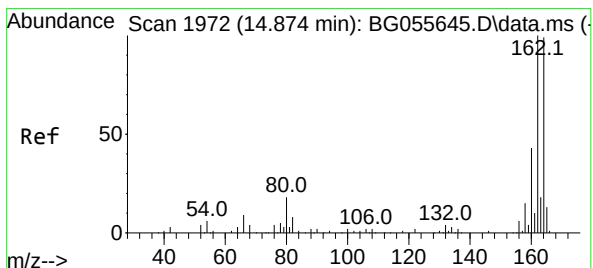
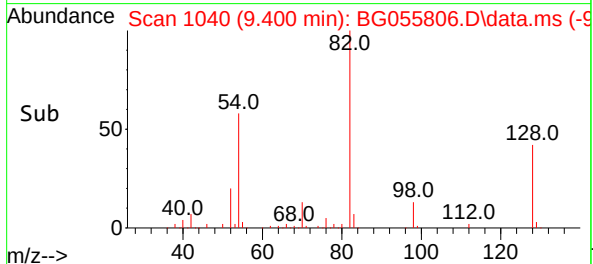
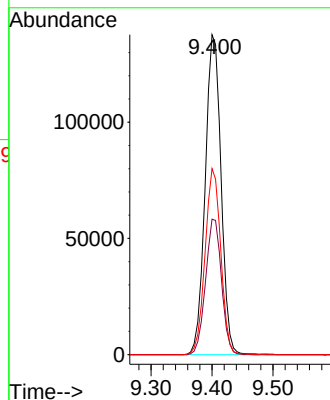
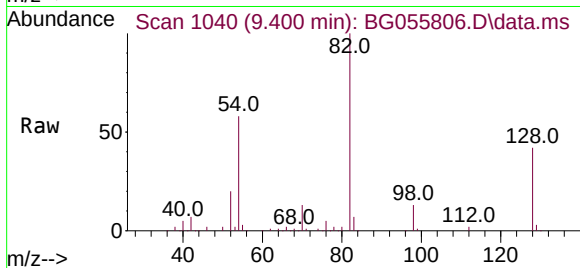
Tgt Ion: 82 Resp: 248905

Ion Ratio Lower Upper

82 100

128 42.3 34.1 51.1

54 58.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.852 min Scan# 1968

Delta R.T. -0.006 min

Lab File: BG055806.D

Acq: 28 Nov 2022 15:31

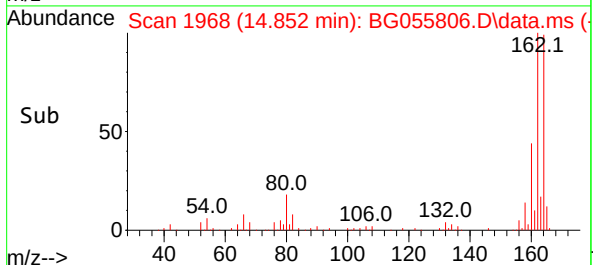
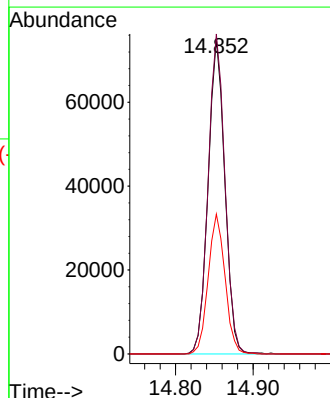
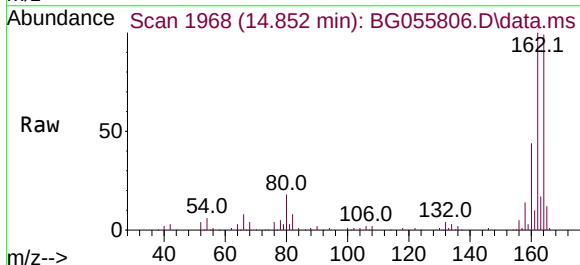
Tgt Ion:164 Resp: 112136

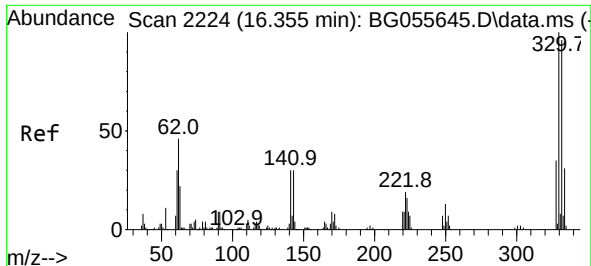
Ion Ratio Lower Upper

164 100

162 101.5 81.1 121.7

160 44.3 34.8 52.2

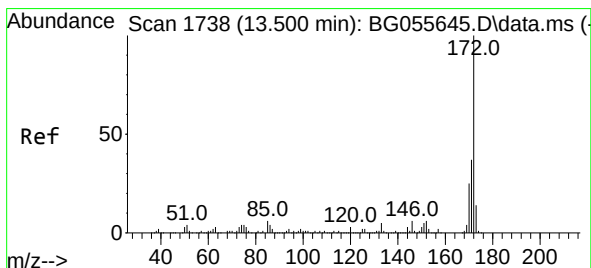
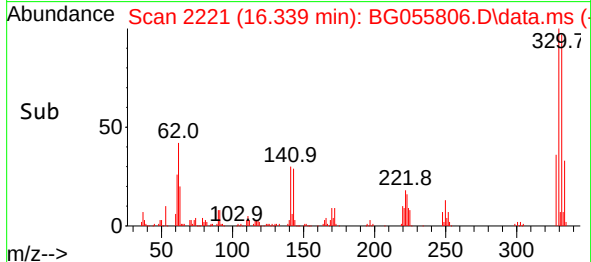
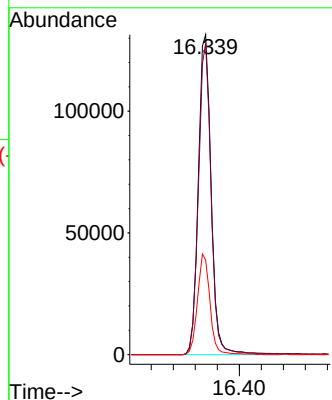
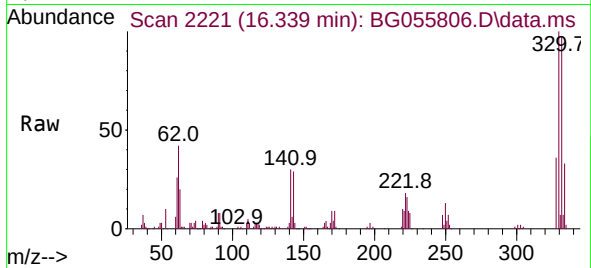




#42  
2,4,6-Tribromophenol  
Concen: 134.618 ng  
RT: 16.339 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG055806.D  
Acq: 28 Nov 2022 15:31

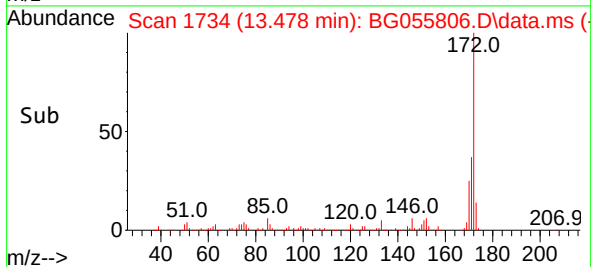
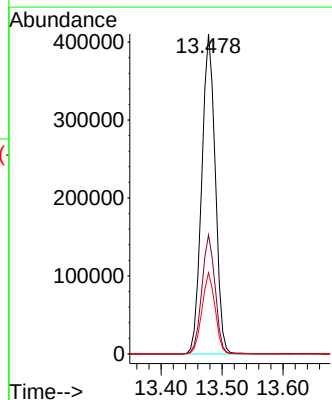
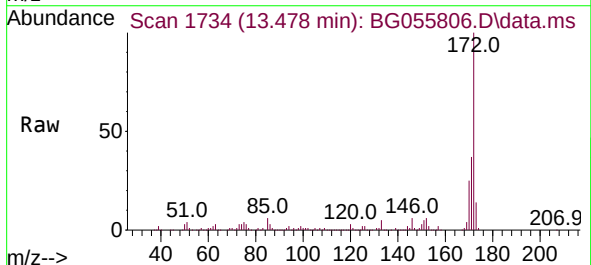
Instrument :  
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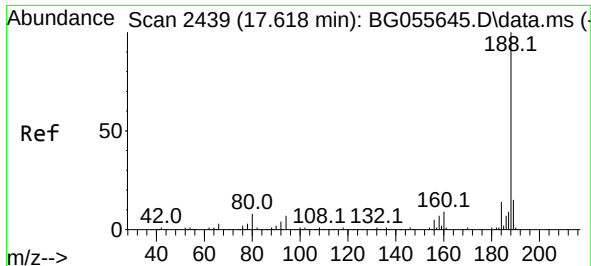
Tgt Ion:330 Resp: 212564  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.8 116.8  
141 30.5 23.9 35.9



#45  
2-Fluorobiphenyl  
Concen: 84.591 ng  
RT: 13.478 min Scan# 1734  
Delta R.T. -0.006 min  
Lab File: BG055806.D  
Acq: 28 Nov 2022 15:31

Tgt Ion:172 Resp: 633171  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.8 44.6  
170 25.4 20.2 30.4

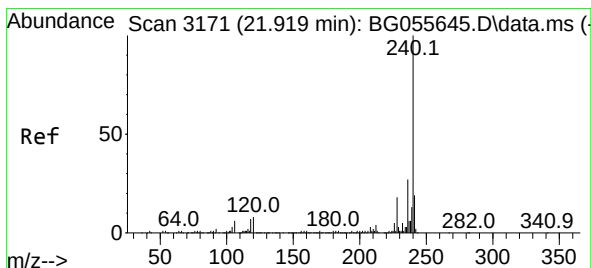
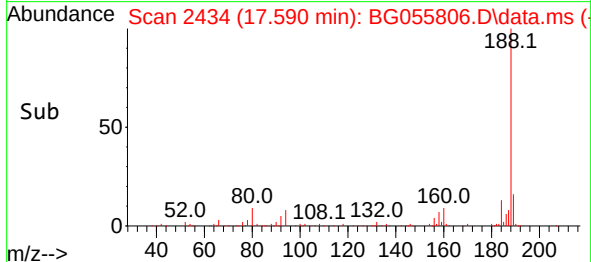
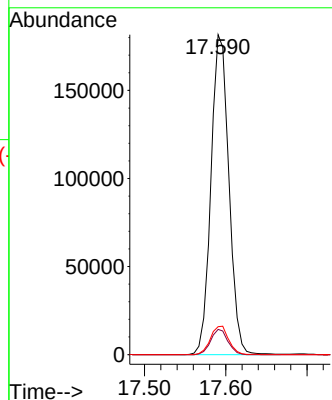
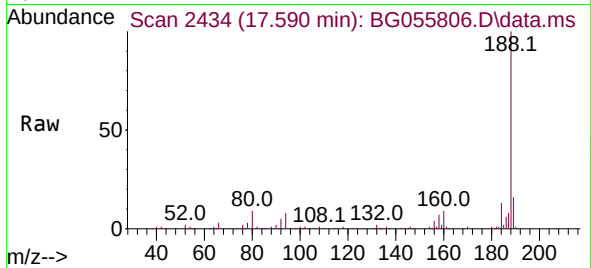




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.590 min Scan# 2439  
Delta R.T. -0.006 min  
Lab File: BG055806.D  
Acq: 28 Nov 2022 15:31

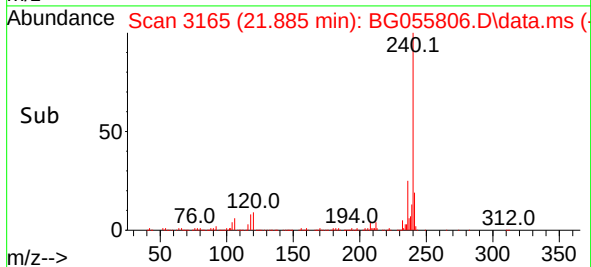
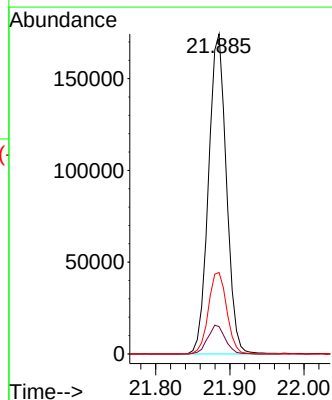
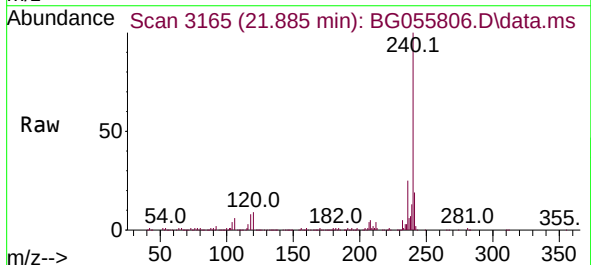
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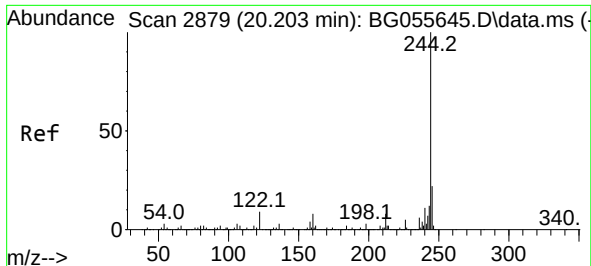
Tgt Ion:188 Resp: 278442  
Ion Ratio Lower Upper  
188 100  
94 7.9 5.4 8.2  
80 8.7 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.885 min Scan# 3165  
Delta R.T. -0.006 min  
Lab File: BG055806.D  
Acq: 28 Nov 2022 15:31

Tgt Ion:240 Resp: 291709  
Ion Ratio Lower Upper  
240 100  
120 8.5 6.3 9.5  
236 25.4 21.9 32.9

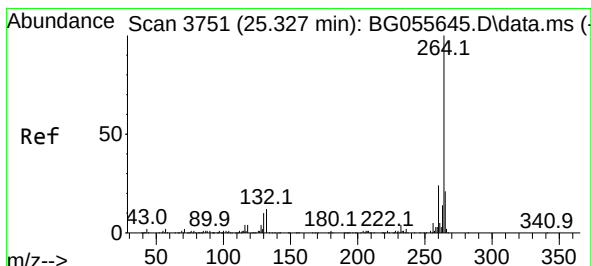
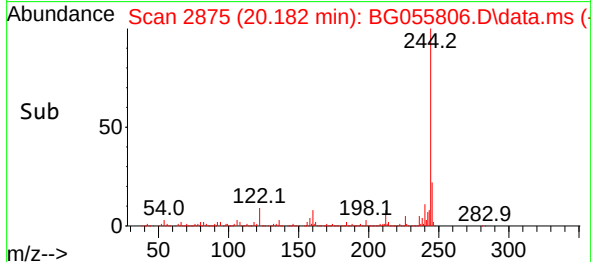
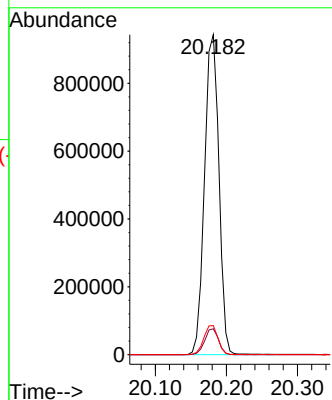
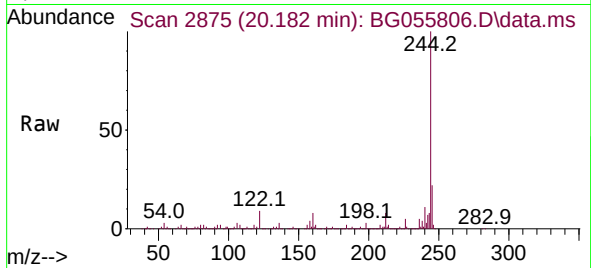




#79  
 Terphenyl-d14  
 Concen: 90.400 ng  
 RT: 20.182 min Scan# 21  
 Delta R.T. -0.000 min  
 Lab File: BG055806.D  
 Acq: 28 Nov 2022 15:31

Instrument :  
 BNA\_G  
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Tgt Ion:244 Resp: 1318443  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.3 9.5  
 122 9.1 6.9 10.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.276 min Scan# 3742  
 Delta R.T. -0.012 min  
 Lab File: BG055806.D  
 Acq: 28 Nov 2022 15:31

Tgt Ion:264 Resp: 303576  
 Ion Ratio Lower Upper  
 264 100  
 260 24.6 19.5 29.3  
 265 21.9 17.1 25.7

