

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121522\  
 Data File : BG055983.D  
 Acq On : 15 Dec 2022 19:10  
 Operator : CG/JU  
 Sample : N6046-01 2X  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HR-01-121322

Quant Time: Dec 16 04:05:49 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 14 02:24:06 2022  
 Response via : Initial Calibration

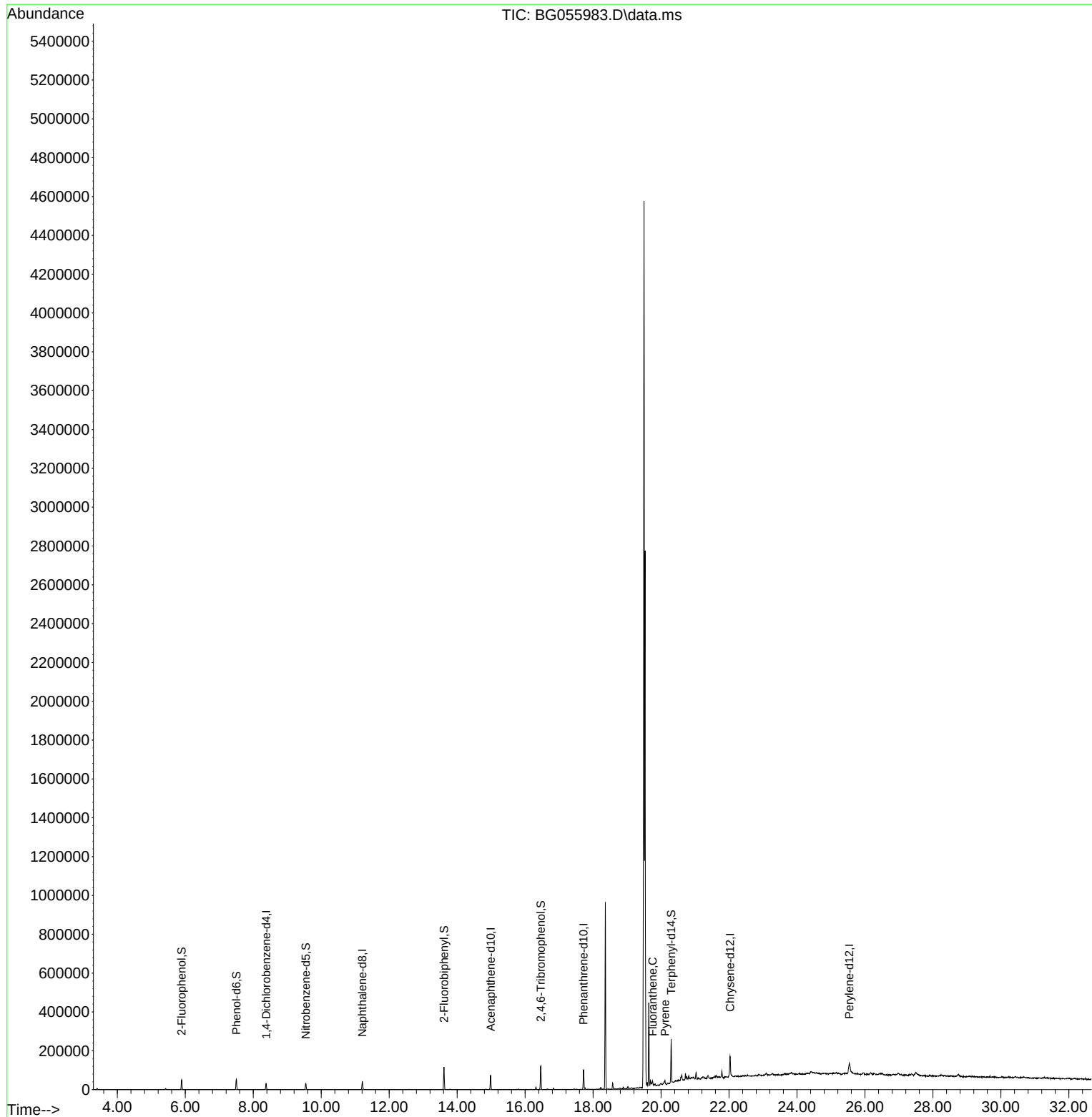
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|--------|-------|-----------|
| -----                       |        |      |          |        |       |           |
| Internal Standards          |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 8.376  | 152  | 9610     | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8          | 11.208 | 136  | 36279    | 20.000 | ng    | # 0.00    |
| 39) Acenaphthene-d10        | 14.986 | 164  | 28977    | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10        | 17.718 | 188  | 72562    | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12            | 22.030 | 240  | 74477    | 20.000 | ng    | 0.00      |
| 86) Perylene-d12            | 25.538 | 264  | 87866    | 20.000 | ng    | 0.02      |
| System Monitoring Compounds |        |      |          |        |       |           |
| 5) 2-Fluorophenol           | 5.890  | 112  | 20888    | 50.974 | ng    | 0.00      |
| 7) Phenol-d6                | 7.500  | 99   | 26261    | 49.828 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 9.545  | 82   | 17070    | 32.881 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 16.460 | 330  | 33084    | 47.349 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 13.611 | 172  | 64301    | 31.122 | ng    | 0.00      |
| 79) Terphenyl-d14           | 20.297 | 244  | 119514   | 28.362 | ng    | 0.00      |
| Target Compounds            |        |      |          |        |       |           |
| 75) Fluoranthene            | 19.751 | 202  | 13200    | 2.479  | ng    | Qvalue 96 |
| 78) Pyrene                  | 20.115 | 202  | 13314    | 2.954  | ng    | 99        |
| -----                       |        |      |          |        |       |           |

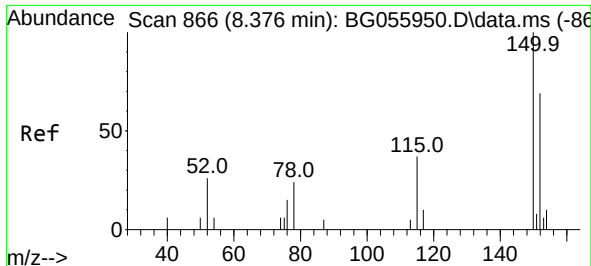
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG121522\  
Data File : BG055983.D  
Acq On : 15 Dec 2022 19:10  
Operator : CG/JU  
Sample : N6046-01 2X  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-121322

Quant Time: Dec 16 04:05:49 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 14 02:24:06 2022  
Response via : Initial Calibration

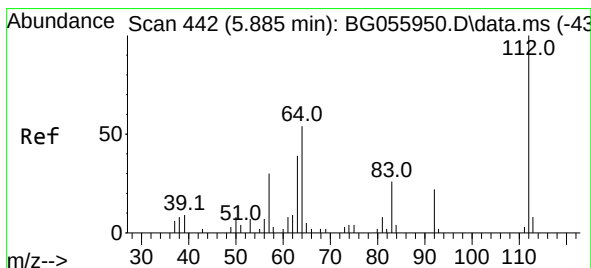
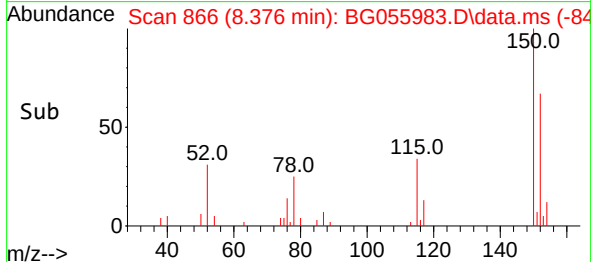
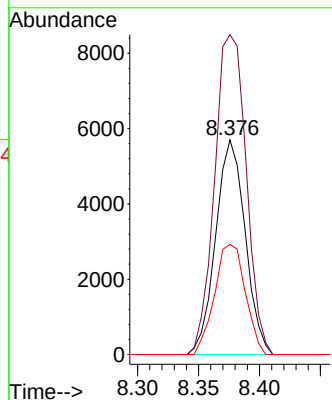
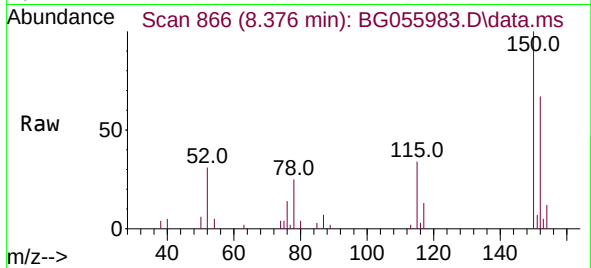




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.376 min Scan# 866  
Delta R.T. -0.000 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

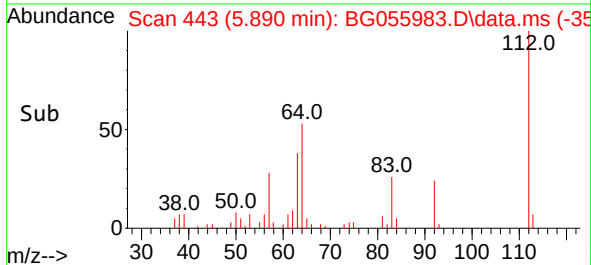
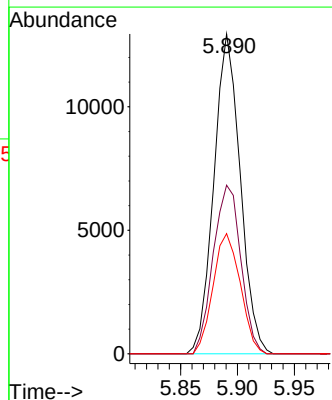
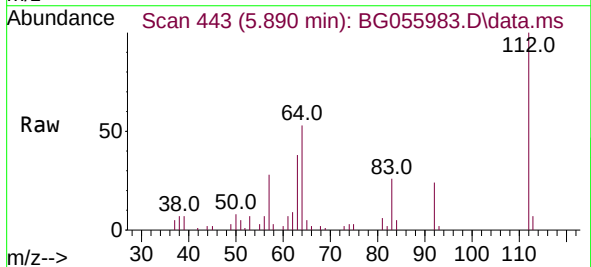
Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-121322

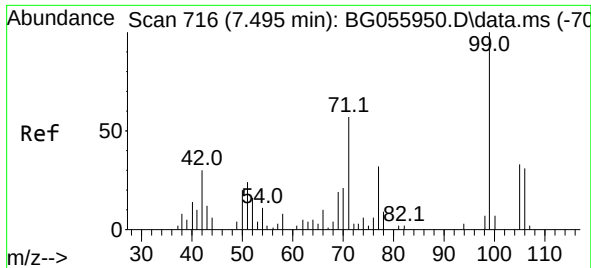
Tgt Ion:152 Resp: 9610  
Ion Ratio Lower Upper  
152 100  
150 149.1 115.7 173.5  
115 51.3 43.0 64.4



#5  
2-Fluorophenol  
Concen: 50.974 ng  
RT: 5.890 min Scan# 443  
Delta R.T. 0.005 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

Tgt Ion:112 Resp: 20888  
Ion Ratio Lower Upper  
112 100  
64 52.7 43.0 64.4  
63 37.6 31.4 47.2

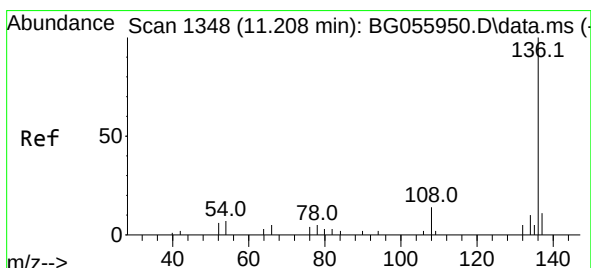
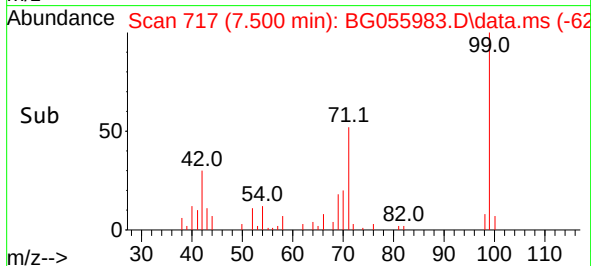
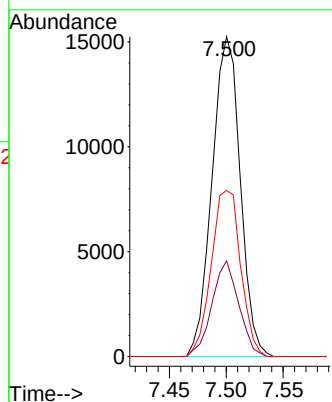
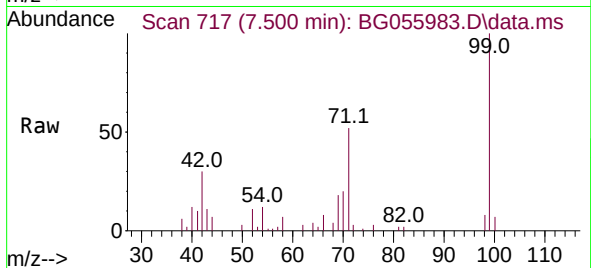




#7  
Phenol-d6  
Concen: 49.828 ng  
RT: 7.500 min Scan# 716  
Delta R.T. 0.005 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

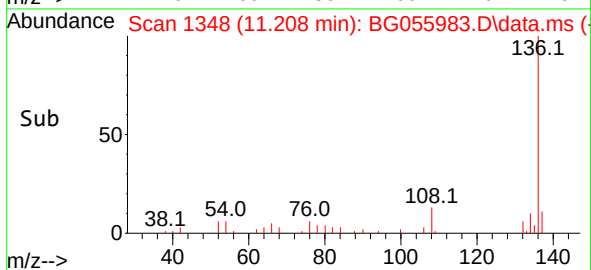
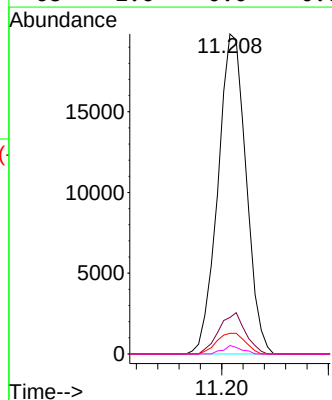
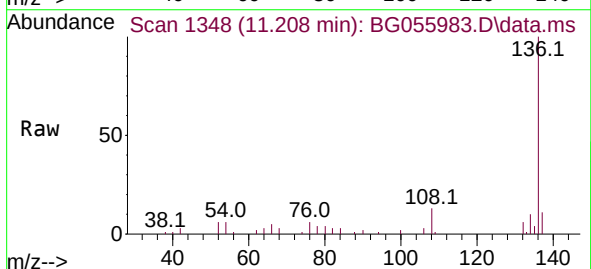
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BNA\_G  
ClientSampleId :  
HR-01-121322

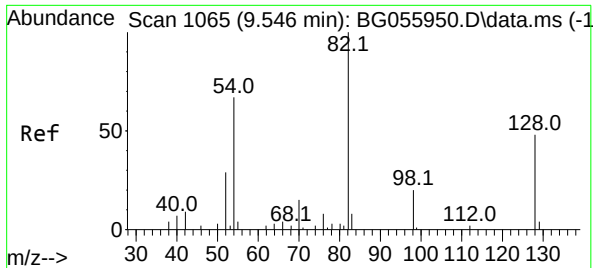
Tgt Ion: 99 Resp: 26261  
Ion Ratio Lower Upper  
99 100  
42 29.9 24.3 36.5  
71 51.9 45.6 68.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.208 min Scan# 1348  
Delta R.T. -0.001 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

Tgt Ion:136 Resp: 36279  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.2 13.8  
54 6.4 5.6 8.4  
68 2.6 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 32.881 ng

RT: 9.545 min Scan# 1065

Delta R.T. -0.001 min

Lab File: BG055983.D

Acq: 15 Dec 2022 19:10

Instrument :

BNA\_G

ClientSampleId :

HR-01-121322

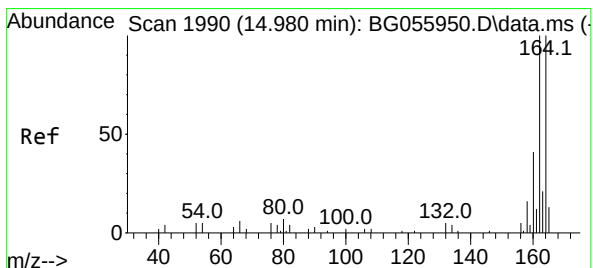
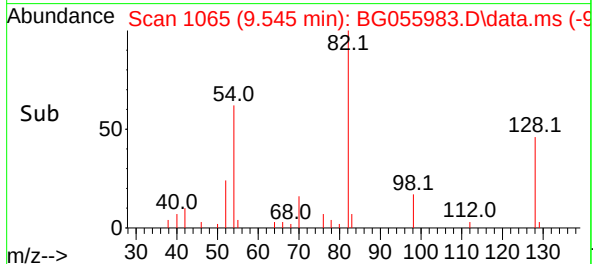
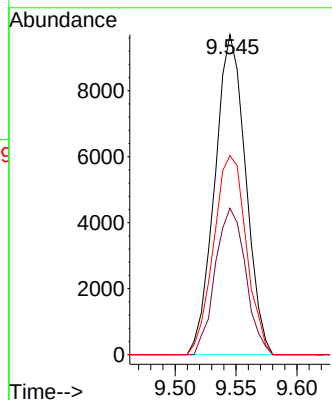
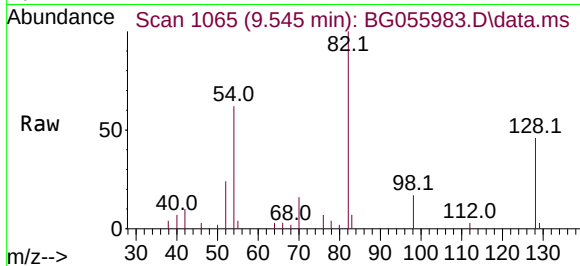
Tgt Ion: 82 Resp: 17070

Ion Ratio Lower Upper

82 100

128 45.7 38.4 57.6

54 62.2 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.986 min Scan# 1991

Delta R.T. 0.005 min

Lab File: BG055983.D

Acq: 15 Dec 2022 19:10

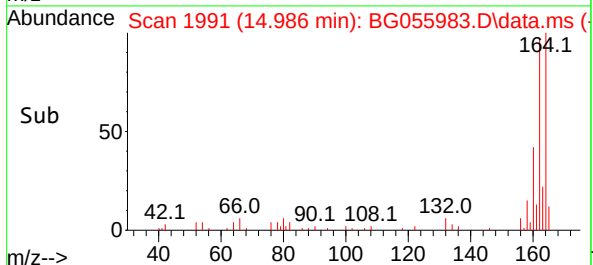
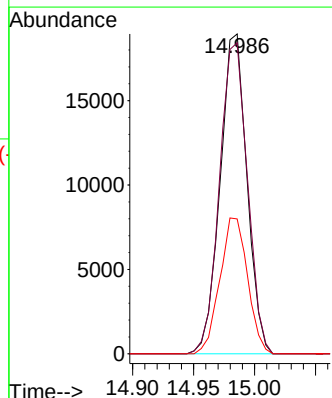
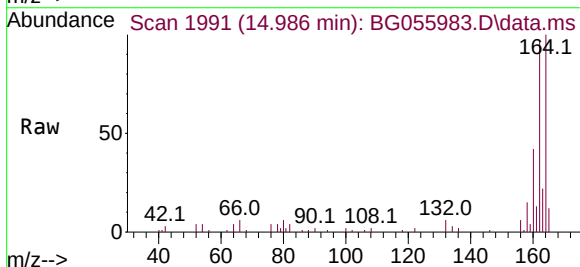
Tgt Ion:164 Resp: 28977

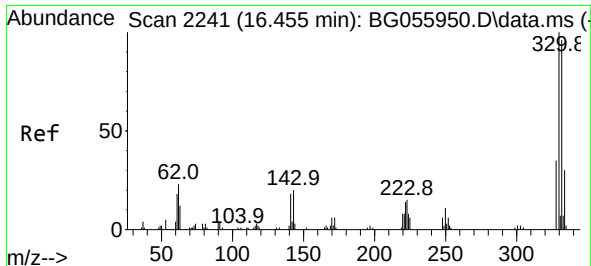
Ion Ratio Lower Upper

164 100

162 97.2 79.8 119.8

160 42.2 33.0 49.4

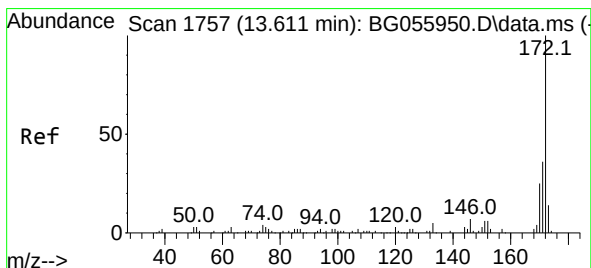
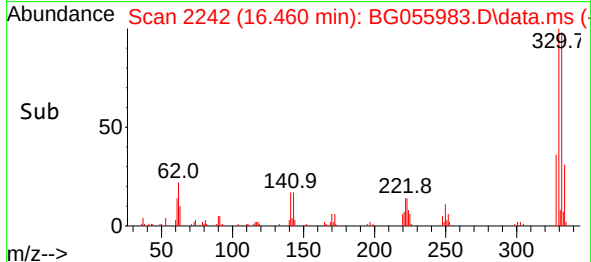
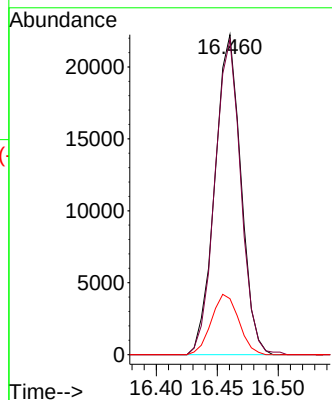
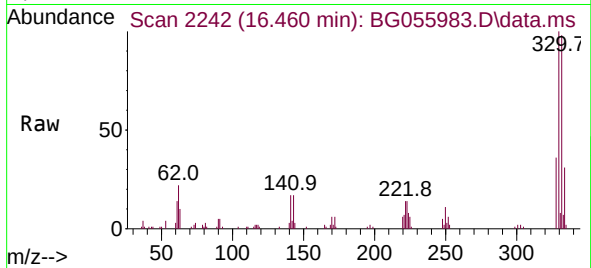




#42  
2,4,6-Tribromophenol  
Concen: 47.349 ng  
RT: 16.460 min Scan# 21  
Delta R.T. 0.005 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

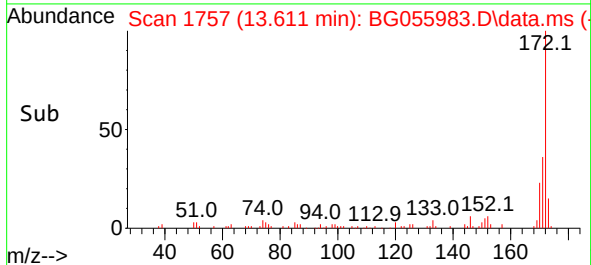
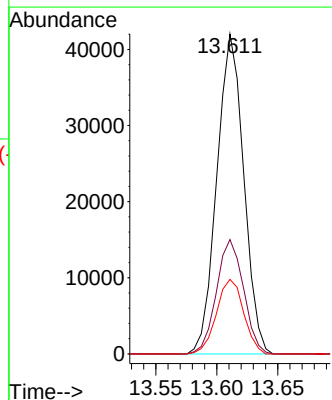
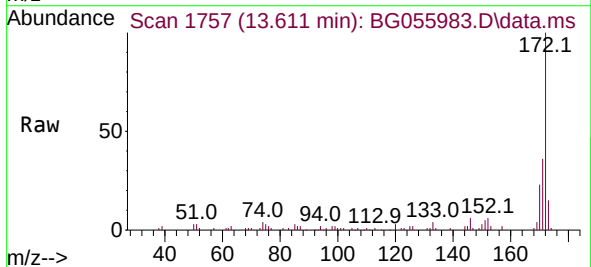
Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-121322

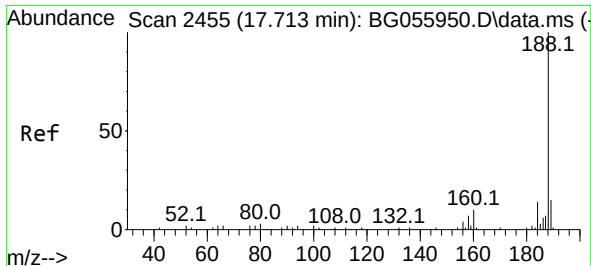
Tgt Ion:330 Resp: 33084  
Ion Ratio Lower Upper  
330 100  
332 97.8 76.6 114.8  
141 19.8 15.0 22.4



#45  
2-Fluorobiphenyl  
Concen: 31.122 ng  
RT: 13.611 min Scan# 1757  
Delta R.T. -0.001 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

Tgt Ion:172 Resp: 64301  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.6 42.8  
170 23.3 19.9 29.9

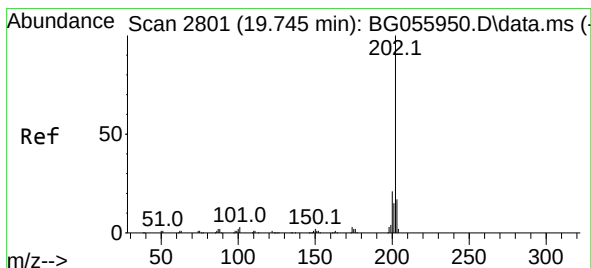
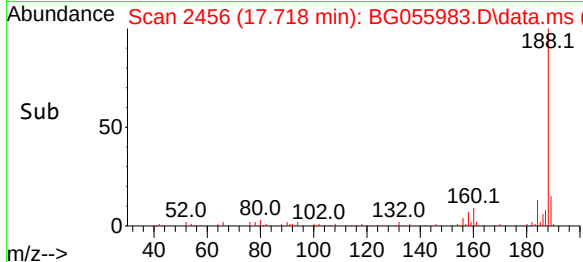
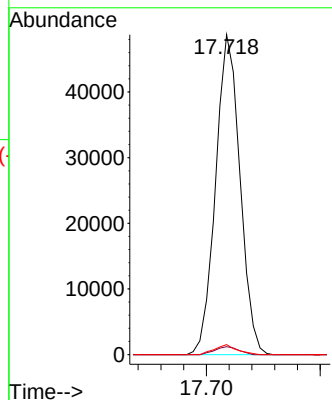
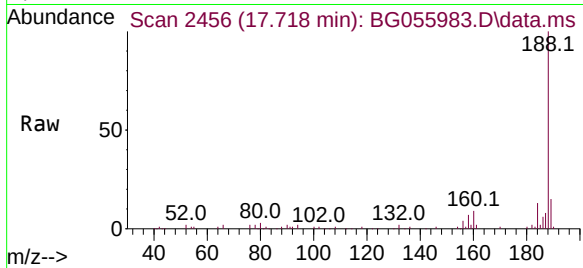




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.718 min Scan# 2455  
Delta R.T. 0.005 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

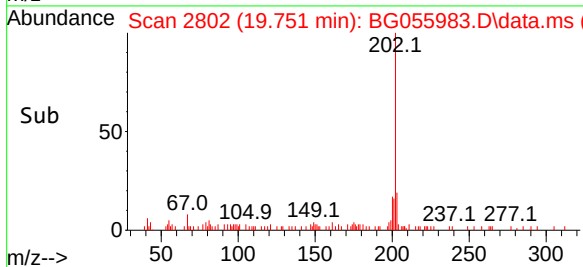
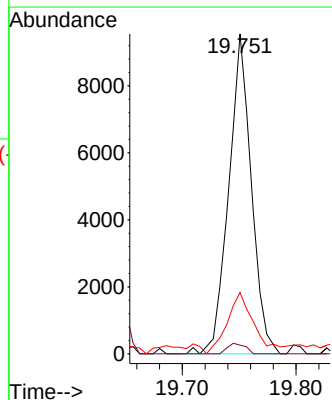
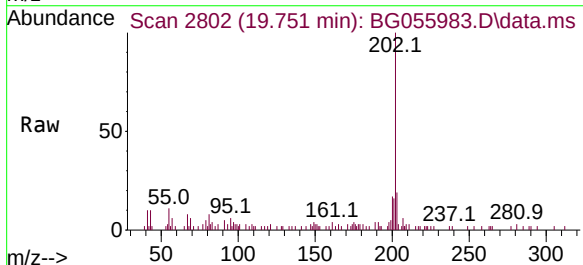
Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-121322

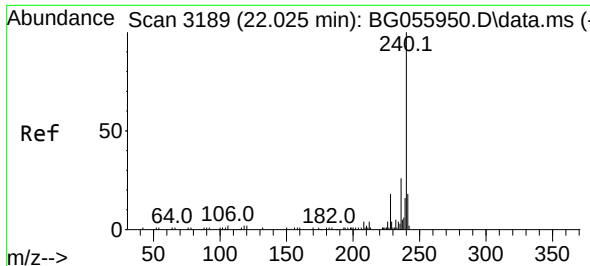
Tgt Ion:188 Resp: 72562  
Ion Ratio Lower Upper  
188 100  
94 2.5 1.8 2.8  
80 3.1 2.4 3.6



#75  
Fluoranthene  
Concen: 2.479 ng  
RT: 19.751 min Scan# 2802  
Delta R.T. 0.005 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

Tgt Ion:202 Resp: 13200  
Ion Ratio Lower Upper  
202 100  
101 2.7 0.0 22.6  
203 19.2 0.0 37.1

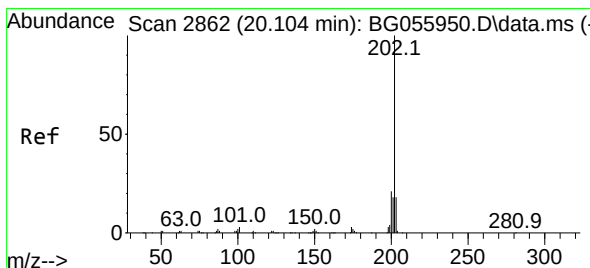
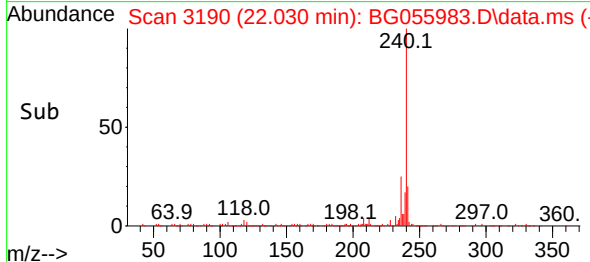
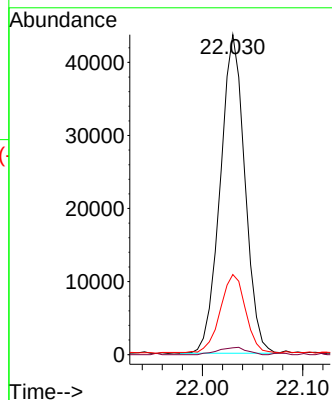
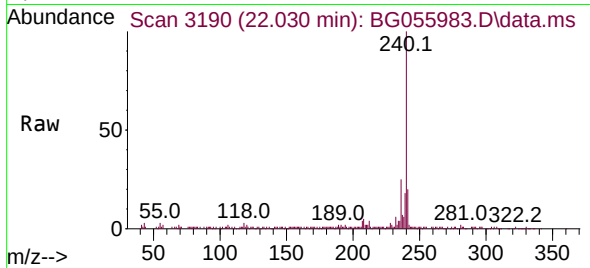




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.030 min Scan# 3189  
Delta R.T. 0.005 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

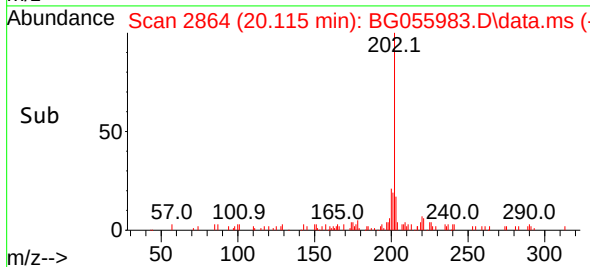
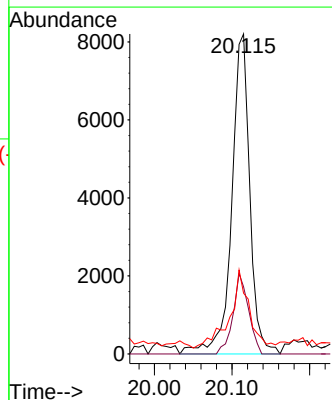
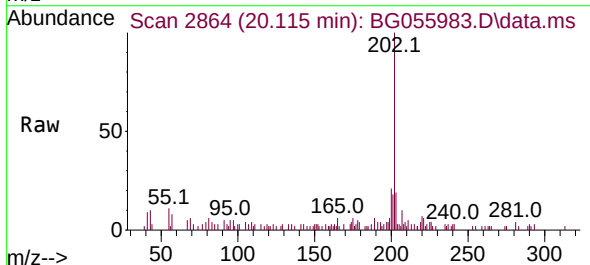
Instrument :  
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Tgt Ion:240 Resp: 74477  
Ion Ratio Lower Upper  
240 100  
120 2.1 1.7 2.5  
236 25.0 21.1 31.7

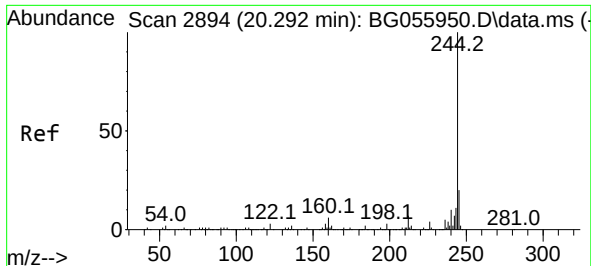


#78  
Pyrene  
Concen: 2.954 ng  
RT: 20.115 min Scan# 2864  
Delta R.T. 0.011 min  
Lab File: BG055983.D  
Acq: 15 Dec 2022 19:10

Tgt Ion:202 Resp: 13314  
Ion Ratio Lower Upper  
202 100  
200 21.0 16.7 25.1  
203 19.0 14.6 21.8



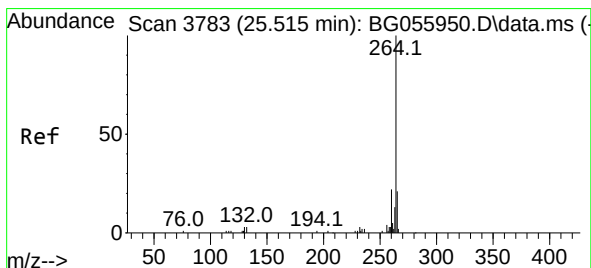
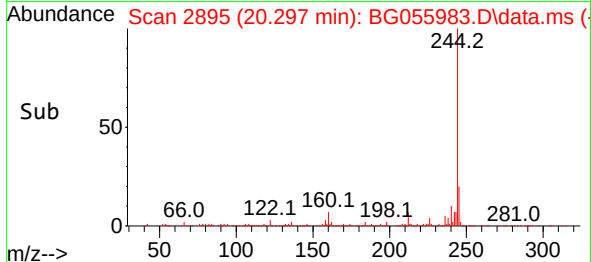
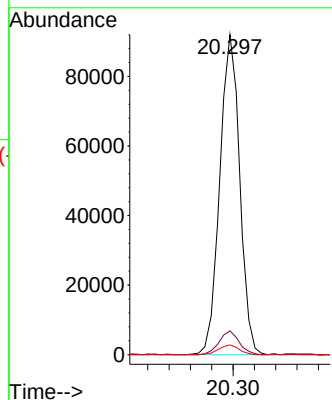
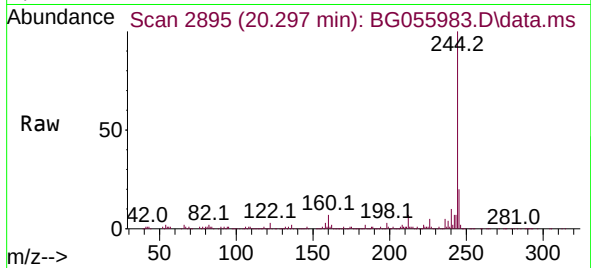




#79  
 Terphenyl-d14  
 Concen: 28.362 ng  
 RT: 20.297 min Scan# 2894  
 Delta R.T. 0.005 min  
 Lab File: BG055983.D  
 Acq: 15 Dec 2022 19:10

Instrument :  
 BNA\_G  
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 HR-01-121322

Tgt Ion:244 Resp: 119514  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.8 8.6  
 122 3.0 2.5 3.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.538 min Scan# 3787  
 Delta R.T. 0.023 min  
 Lab File: BG055983.D  
 Acq: 15 Dec 2022 19:10

Tgt Ion:264 Resp: 87866  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 17.8 26.8  
 265 23.3 16.6 25.0

