

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122222\  
 Data File : BG056070.D  
 Acq On : 22 Dec 2022 20:22  
 Operator : CG/JU  
 Sample : PB149805BL  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB149805BL

Quant Time: Dec 23 05:21:22 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 23 05:09:54 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.353  | 152  | 6962     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.185 | 136  | 28312    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.963 | 164  | 26526    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.701 | 188  | 83181    | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 22.001 | 240  | 105835   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.486 | 264  | 115548   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.873  | 112  | 47706    | 160.700 | ng    | 0.00     |
| 7) Phenol-d6                | 7.489  | 99   | 59135    | 154.881 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.528  | 82   | 39983    | 98.689  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.443 | 330  | 97295    | 152.113 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.594 | 172  | 150582   | 79.616  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.274 | 244  | 512958   | 85.661  | ng    | 0.00     |

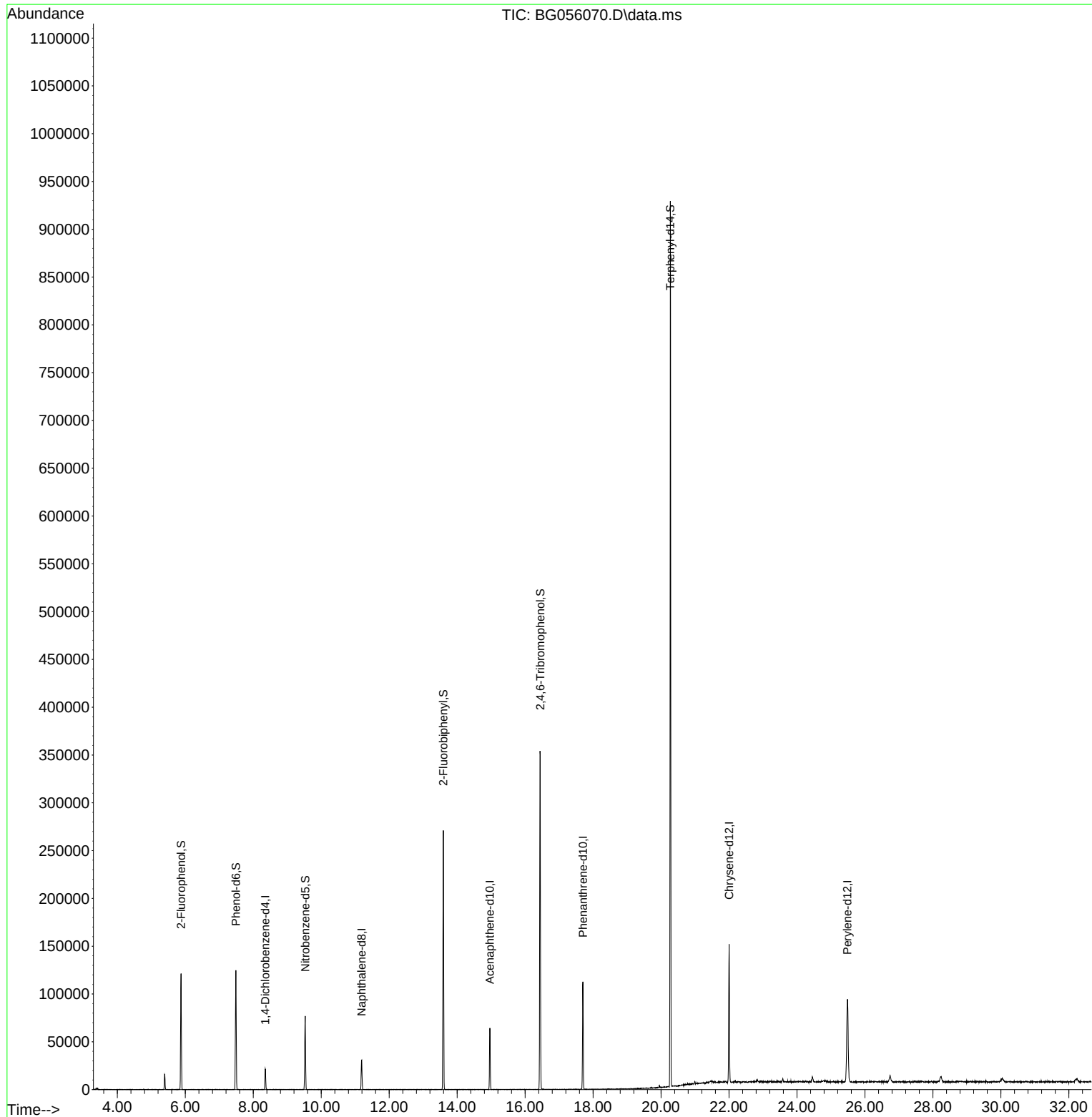
Target Compounds Qvalue

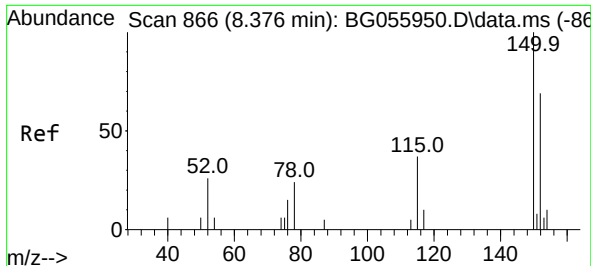
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122222\  
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Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
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Quant Time: Dec 23 05:21:22 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 23 05:09:54 2022  
Response via : Initial Calibration

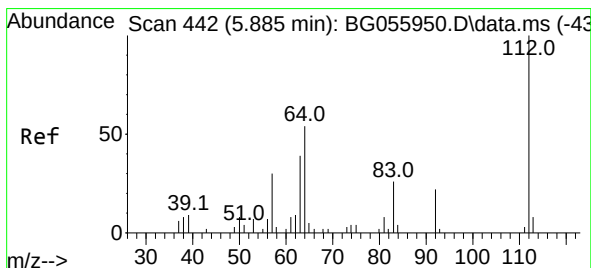
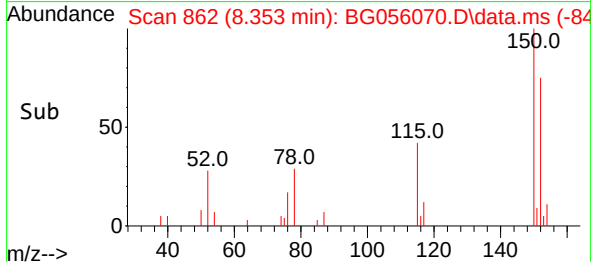
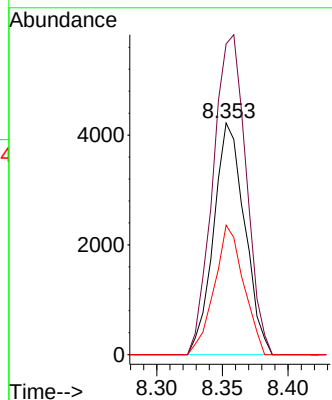
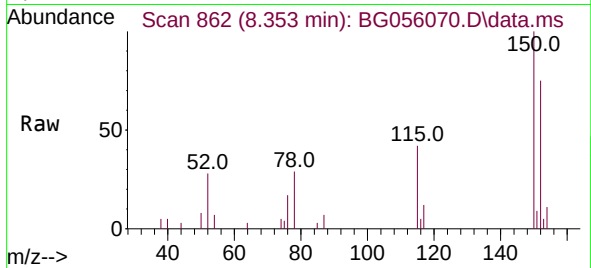




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.353 min Scan# 866  
Delta R.T. -0.000 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

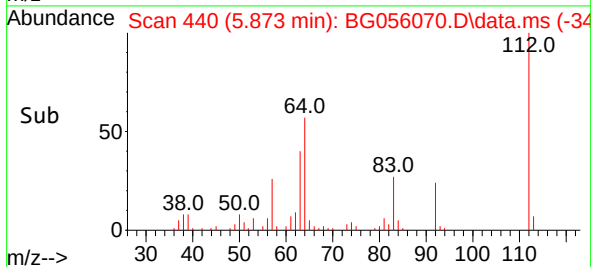
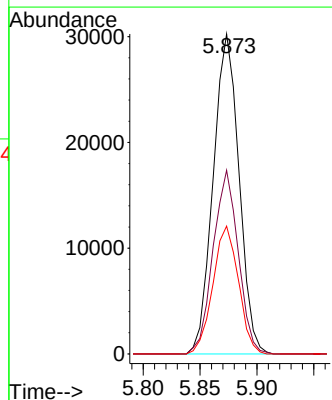
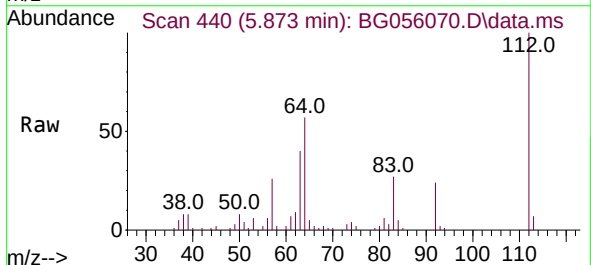
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ClientSampleId :  
PB149805BL

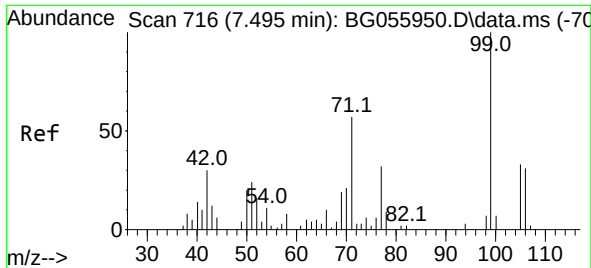
Tgt Ion:152 Resp: 6962  
Ion Ratio Lower Upper  
152 100  
150 134.1 115.7 173.5  
115 55.9 43.0 64.4



#5  
2-Fluorophenol  
Concen: 160.700 ng  
RT: 5.873 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

Tgt Ion:112 Resp: 47706  
Ion Ratio Lower Upper  
112 100  
64 57.4 43.0 64.4  
63 39.9 31.4 47.2

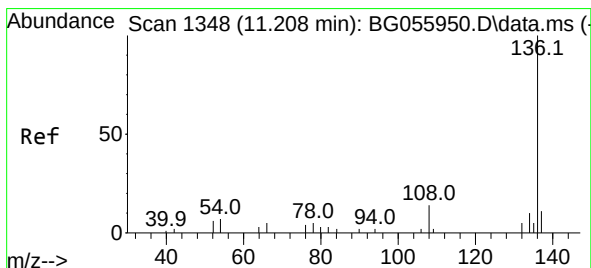
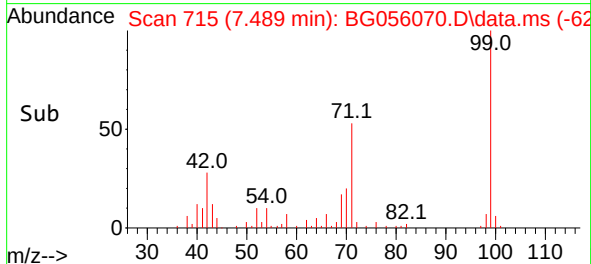
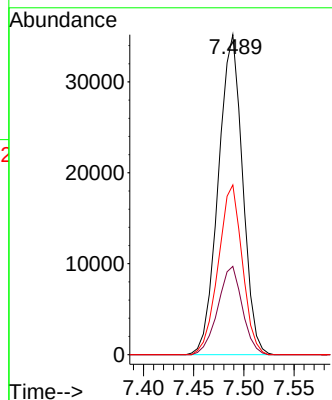
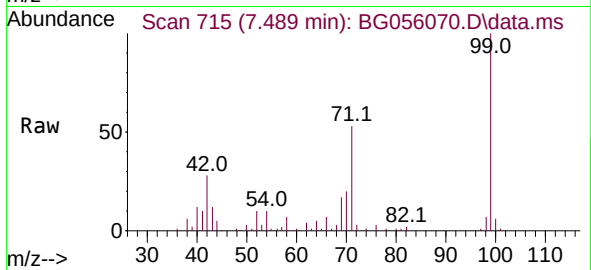




#7  
Phenol-d6  
Concen: 154.881 ng  
RT: 7.489 min Scan# 716  
Delta R.T. 0.006 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

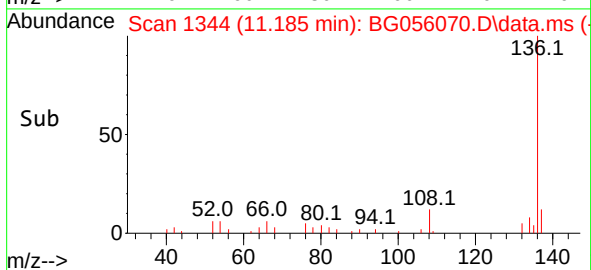
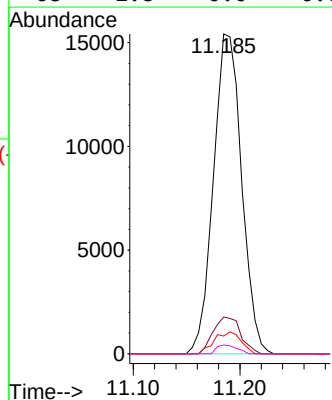
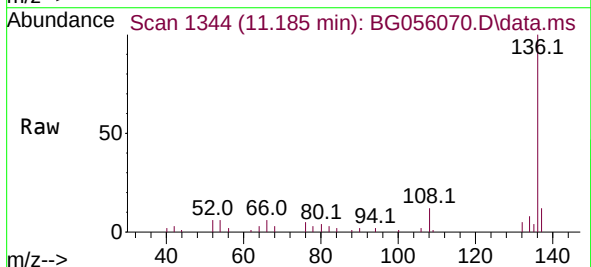
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BNA\_G  
ClientSampleId :  
PB149805BL

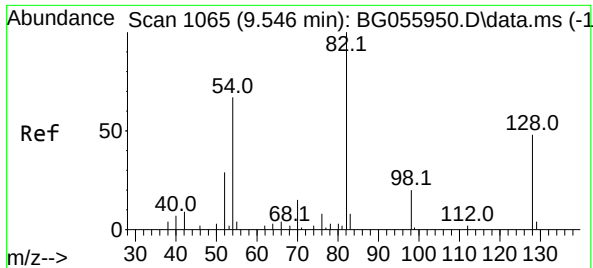
Tgt Ion: 99 Resp: 59135  
Ion Ratio Lower Upper  
99 100  
42 27.6 24.3 36.5  
71 53.0 45.6 68.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.185 min Scan# 1344  
Delta R.T. -0.006 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

Tgt Ion:136 Resp: 28312  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.2 13.8  
54 5.6 5.6 8.4#  
68 2.8 0.0 0.0#

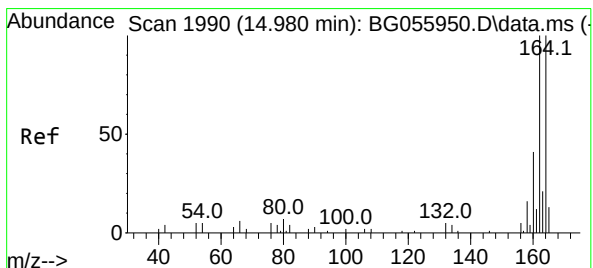
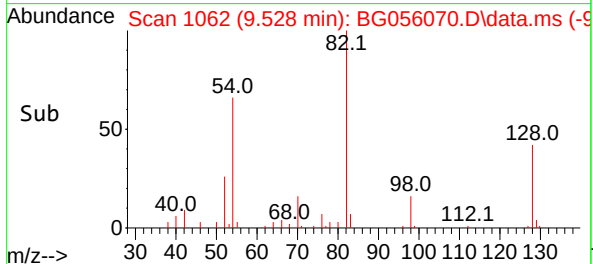
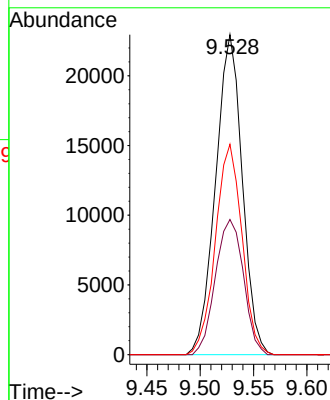
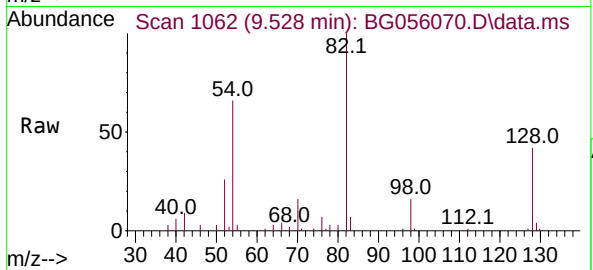




#23  
Nitrobenzene-d5  
Concen: 98.689 ng  
RT: 9.528 min Scan# 1062  
Delta R.T. -0.000 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

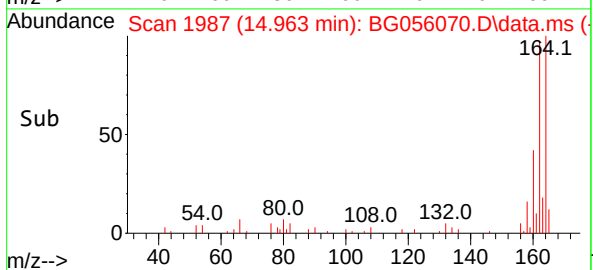
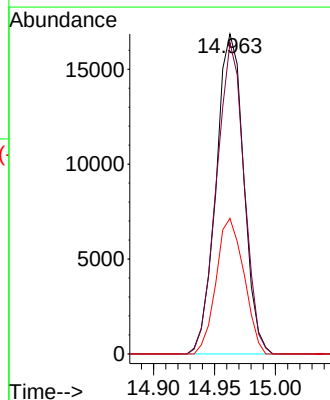
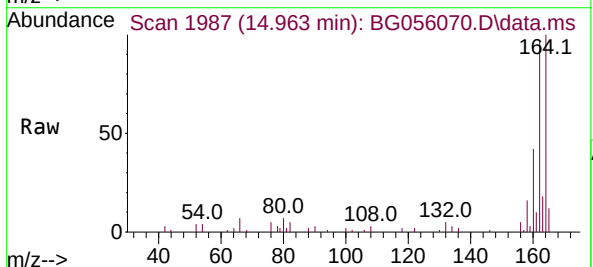
Instrument :  
BNA\_G  
ClientSampleId :  
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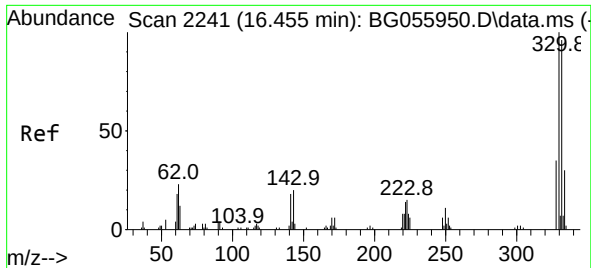
Tgt Ion: 82 Resp: 39983  
Ion Ratio Lower Upper  
82 100  
128 42.2 38.4 57.6  
54 65.7 53.3 79.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.963 min Scan# 1987  
Delta R.T. -0.006 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

Tgt Ion: 164 Resp: 26526  
Ion Ratio Lower Upper  
164 100  
162 97.3 79.8 119.8  
160 42.3 33.0 49.4

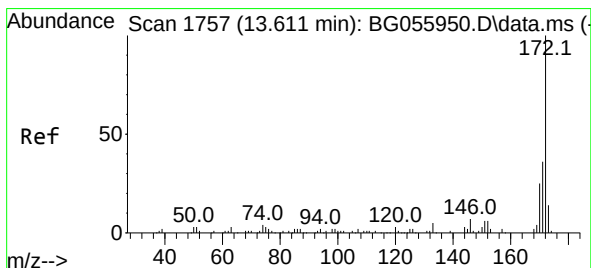
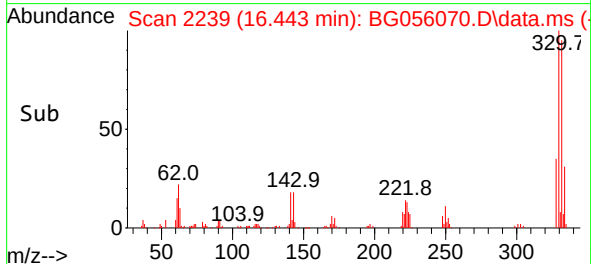
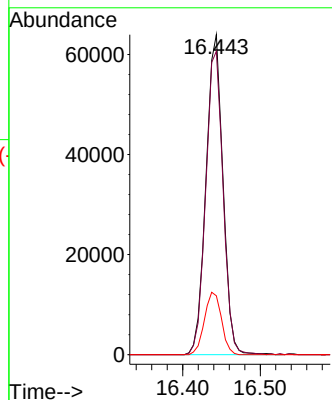
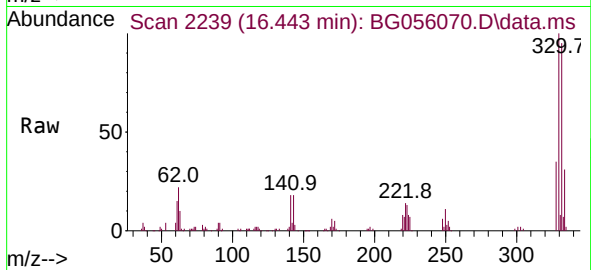




#42  
2,4,6-Tribromophenol  
Concen: 152.113 ng  
RT: 16.443 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

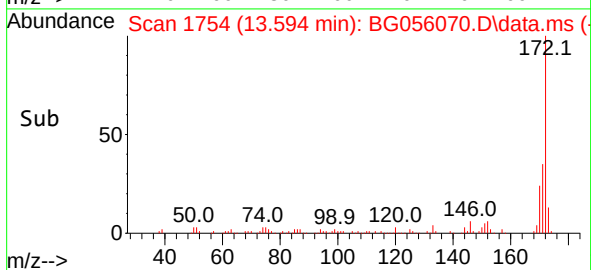
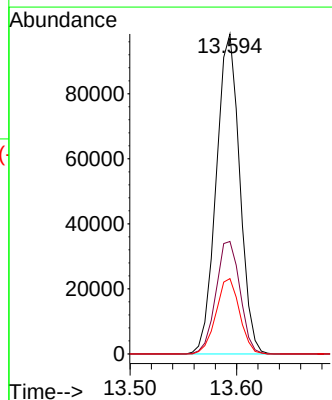
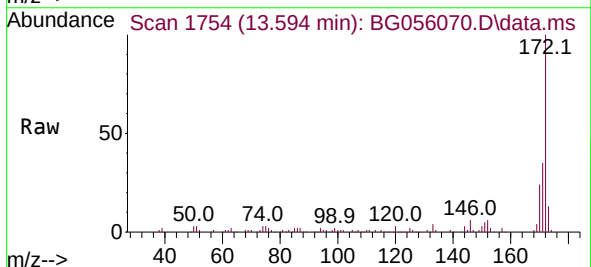
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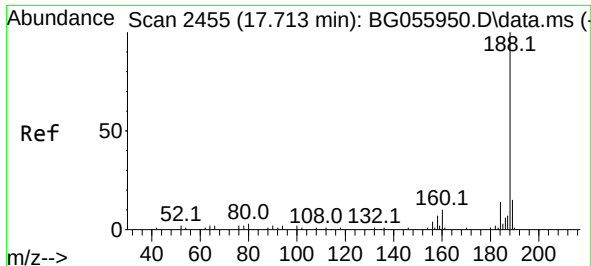
Tgt Ion:330 Resp: 97295  
Ion Ratio Lower Upper  
330 100  
332 96.6 76.6 114.8  
141 19.4 15.0 22.4



#45  
2-Fluorobiphenyl  
Concen: 79.616 ng  
RT: 13.594 min Scan# 1754  
Delta R.T. -0.000 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

Tgt Ion:172 Resp: 150582  
Ion Ratio Lower Upper  
172 100  
171 35.1 28.6 42.8  
170 23.5 19.9 29.9

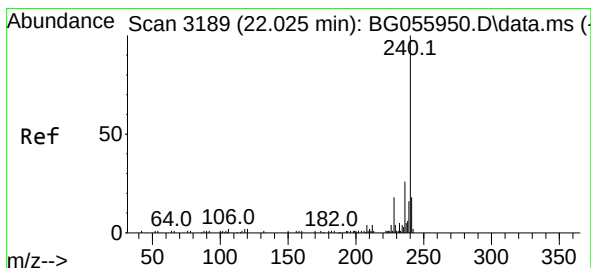
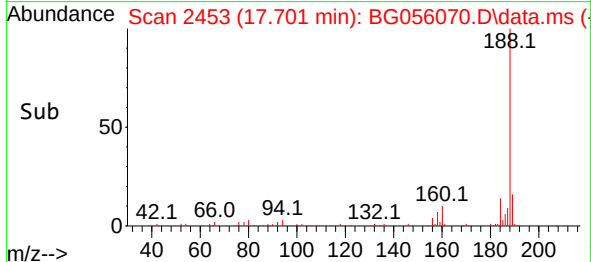
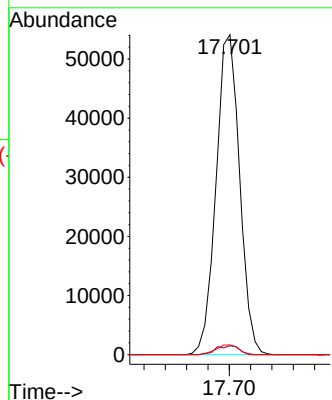
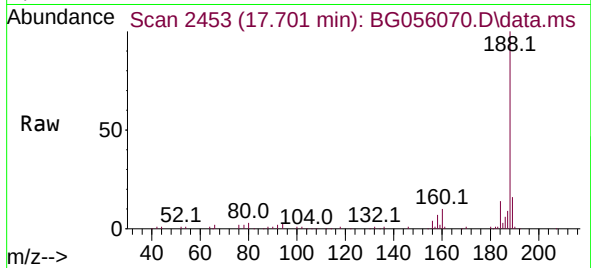




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.701 min Scan# 2453  
Delta R.T. -0.006 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

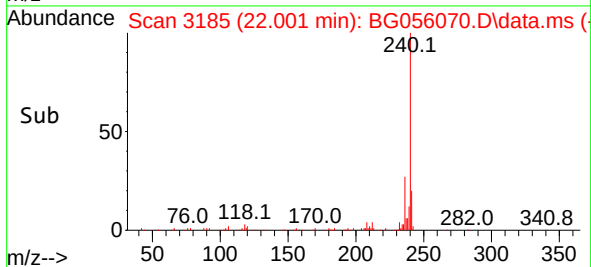
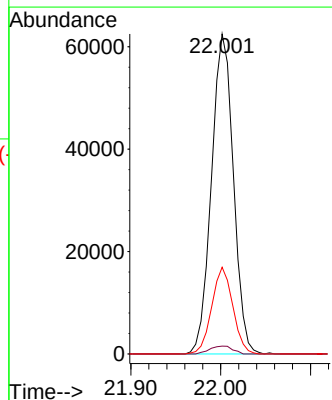
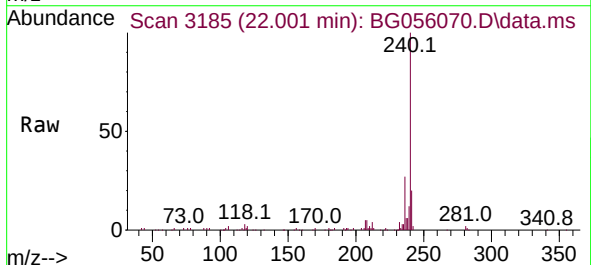
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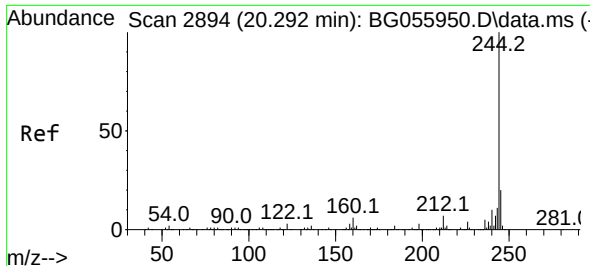
Tgt Ion:188 Resp: 83181  
Ion Ratio Lower Upper  
188 100  
94 2.8 1.8 2.8#  
80 3.0 2.4 3.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.001 min Scan# 3185  
Delta R.T. -0.012 min  
Lab File: BG056070.D  
Acq: 22 Dec 2022 20:22

Tgt Ion:240 Resp: 105835  
Ion Ratio Lower Upper  
240 100  
120 2.4 1.7 2.5  
236 27.1 21.1 31.7

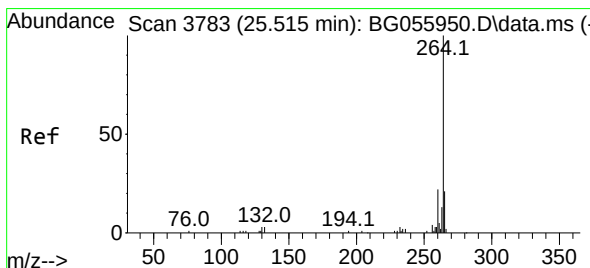
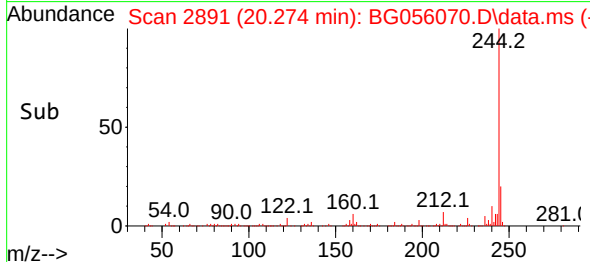
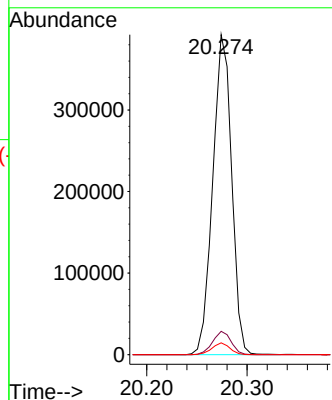
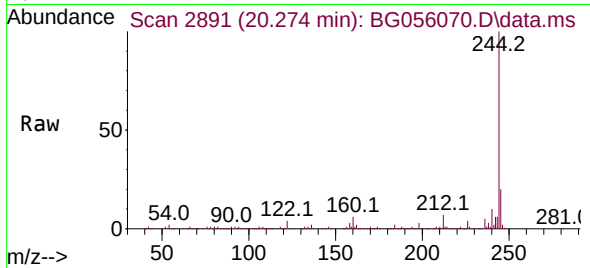




#79  
 Terphenyl-d14  
 Concen: 85.661 ng  
 RT: 20.274 min Scan# 2891  
 Delta R.T. -0.006 min  
 Lab File: BG056070.D  
 Acq: 22 Dec 2022 20:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB149805BL

Tgt Ion:244 Resp: 512958  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.8 8.6  
 122 3.7 2.5 3.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.486 min Scan# 3778  
 Delta R.T. -0.006 min  
 Lab File: BG056070.D  
 Acq: 22 Dec 2022 20:22

Tgt Ion:264 Resp: 115548  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 17.8 26.8  
 265 20.8 16.6 25.0

