

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041322\  
 Data File : BG053145.D  
 Acq On : 13 Apr 2022 19:23  
 Operator : CG/JU  
 Sample : N2369-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EMERSON-SCHOOL-STOCK-PILE

Quant Time: Apr 14 02:57:53 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 08 15:31:24 2022  
 Response via : Initial Calibration

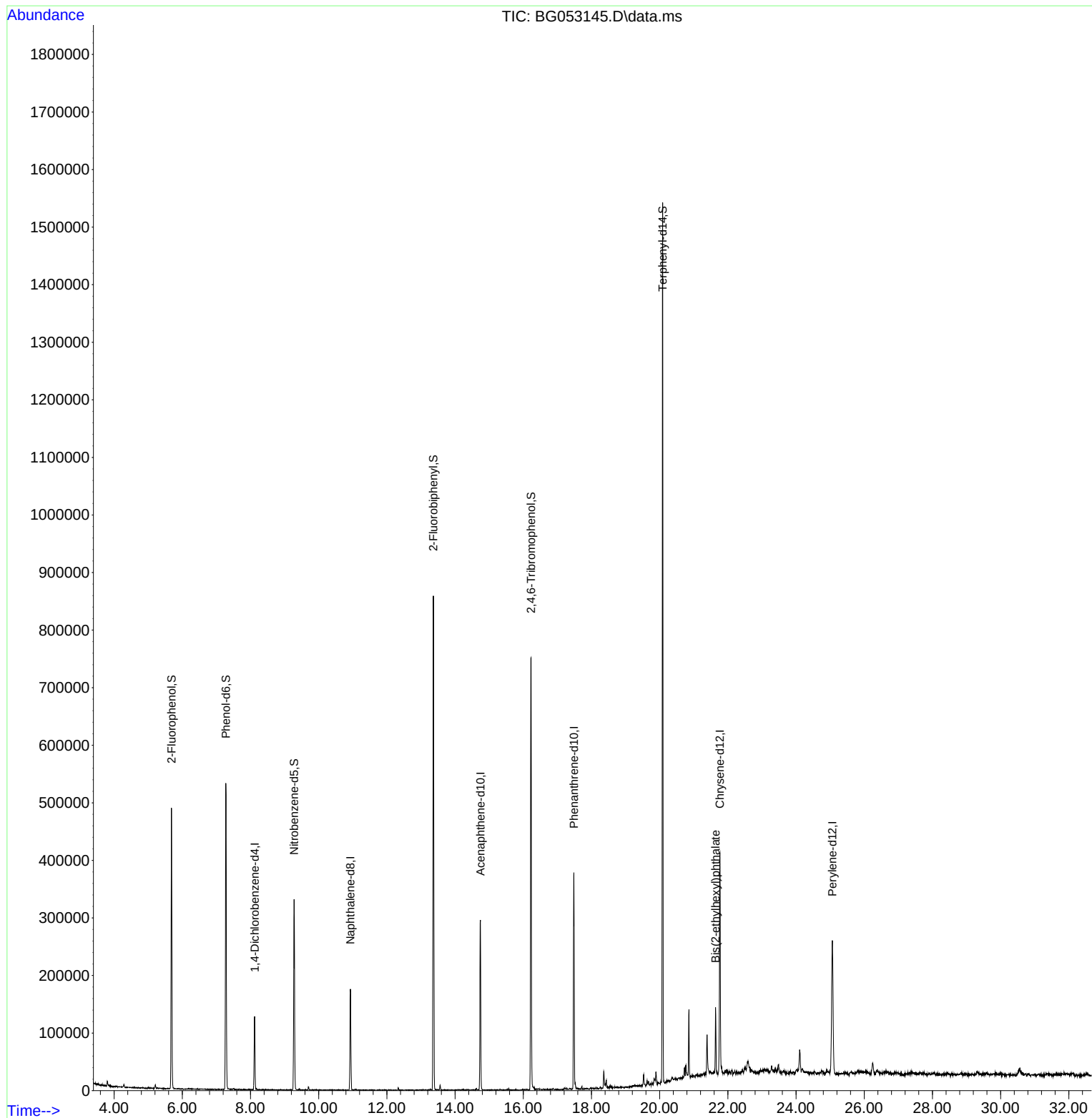
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 8.123  | 152  | 33901    | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.931 | 136  | 147518   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.743 | 164  | 109593   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.487 | 188  | 254539   | 20.000 | ng    | # 0.00    |
| 76) Chrysene-d12              | 21.769 | 240  | 249725   | 20.000 | ng    | 0.00      |
| 86) Perylene-d12              | 25.064 | 264  | 254365   | 20.000 | ng    | -0.01     |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.685  | 112  | 194673   | 98.435 | ng    | 0.00      |
| 7) Phenol-d6                  | 7.277  | 99   | 297130   | 97.427 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 9.280  | 82   | 214617   | 59.072 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 16.229 | 330  | 159412   | 91.428 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 13.363 | 172  | 462230   | 58.158 | ng    | 0.00      |
| 79) Terphenyl-d14             | 20.089 | 244  | 787444   | 53.255 | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 84) Bis(2-ethylhexyl)phtha... | 21.640 | 149  | 46689    | 5.209  | ng    | Qvalue 97 |
| -----                         |        |      |          |        |       |           |

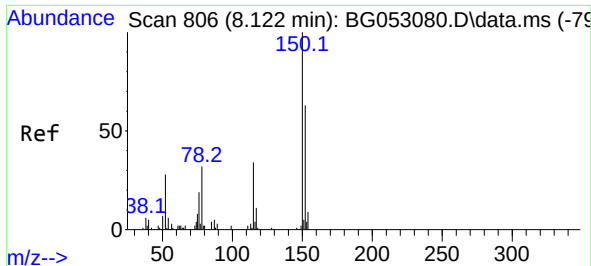
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041322\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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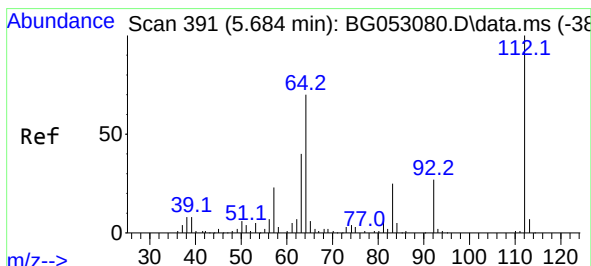
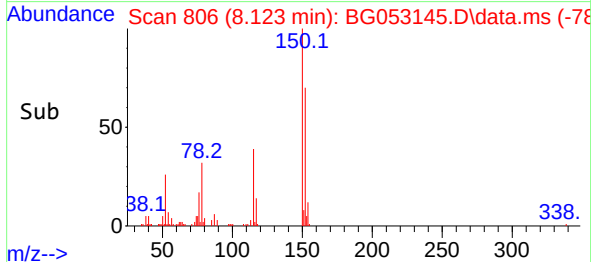
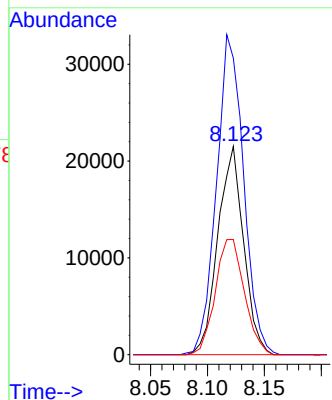
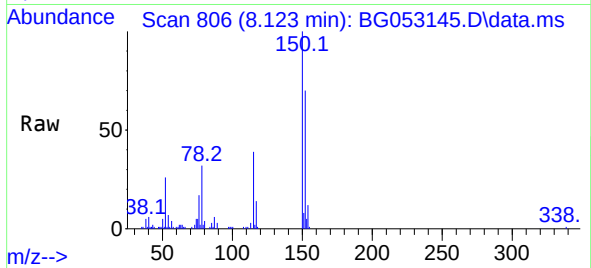




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.123 min Scan# 806  
Delta R.T. 0.001 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

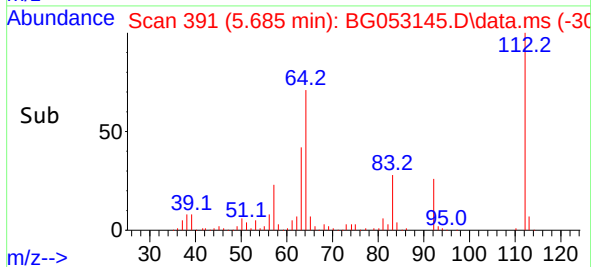
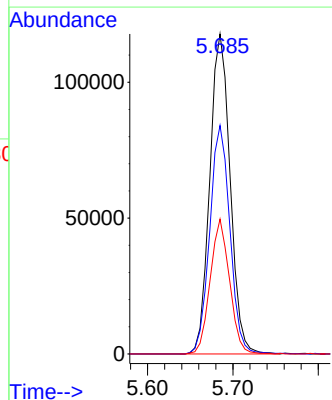
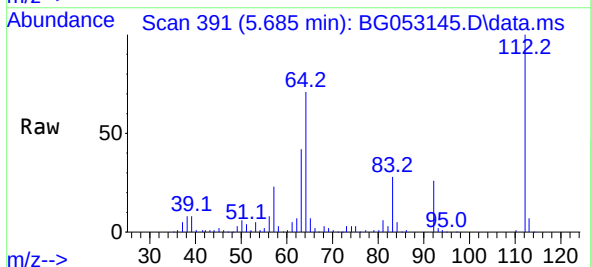
Instrument :  
BNA\_G  
ClientSampleId :  
EMERSON-SCHOOL-STOCK-PILE

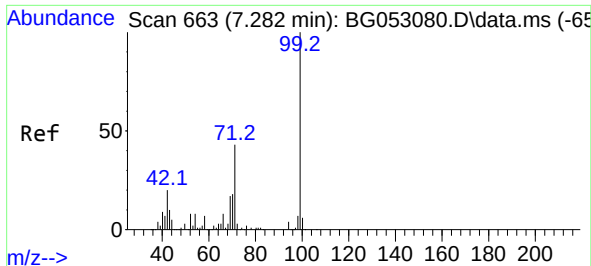
Tgt Ion:152 Resp: 33901  
Ion Ratio Lower Upper  
152 100  
150 142.3 114.6 172.0  
115 55.3 45.9 68.9



#5  
2-Fluorophenol  
Concen: 98.435 ng  
RT: 5.685 min Scan# 391  
Delta R.T. 0.001 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

Tgt Ion:112 Resp: 194673  
Ion Ratio Lower Upper  
112 100  
64 71.4 48.0 72.0  
63 42.2 26.5 39.7#

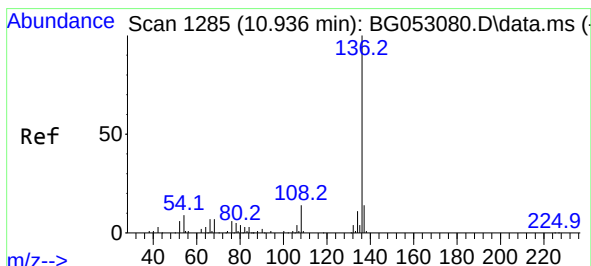
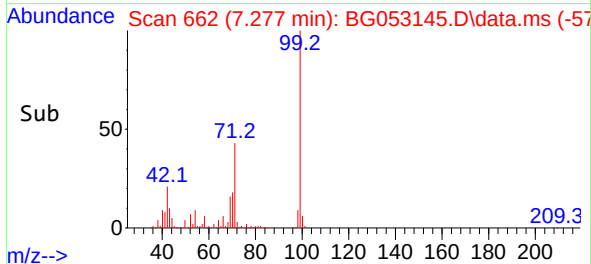
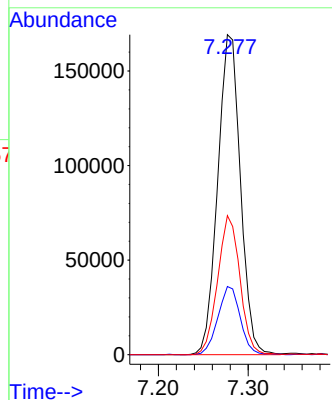
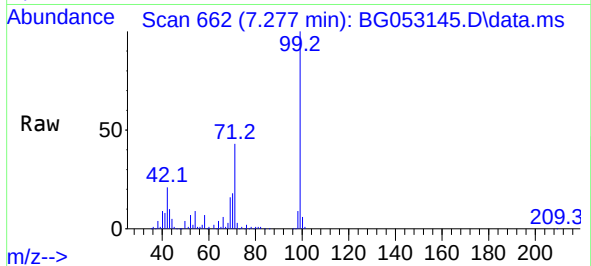




#7  
Phenol-d6  
Concen: 97.427 ng  
RT: 7.277 min Scan# 60  
Delta R.T. -0.005 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

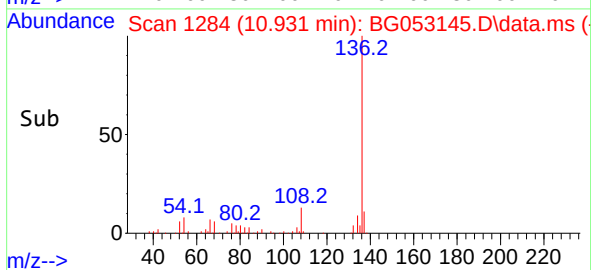
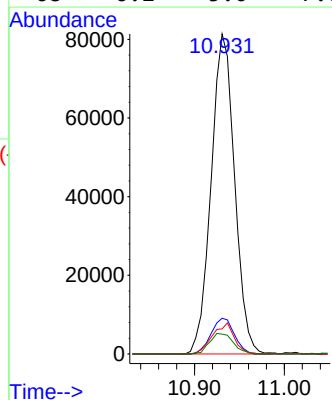
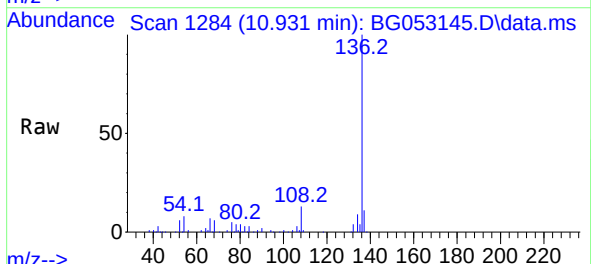
Instrument :  
BNA\_G  
ClientSampleId :  
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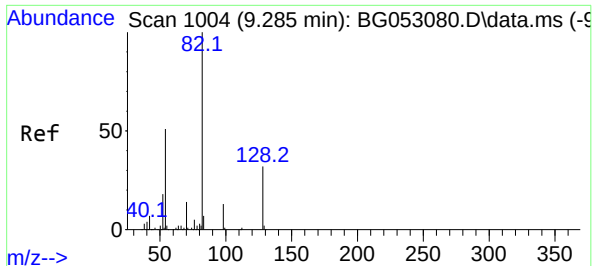
Tgt Ion: 99 Resp: 297130  
Ion Ratio Lower Upper  
99 100  
42 21.3 14.7 22.1  
71 43.4 29.2 43.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.931 min Scan# 1284  
Delta R.T. -0.005 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

Tgt Ion: 136 Resp: 147518  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.4 14.2  
54 7.9 6.4 9.6  
68 6.2 5.0 7.6

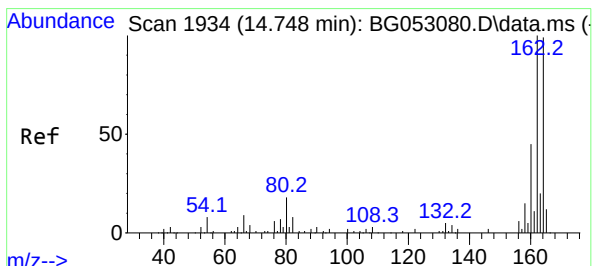
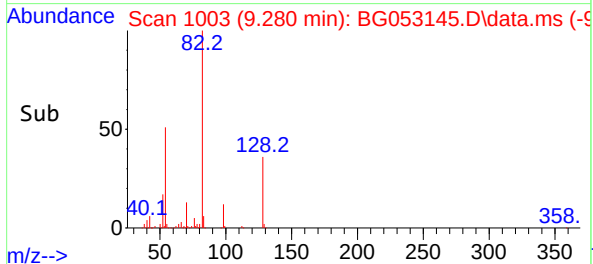
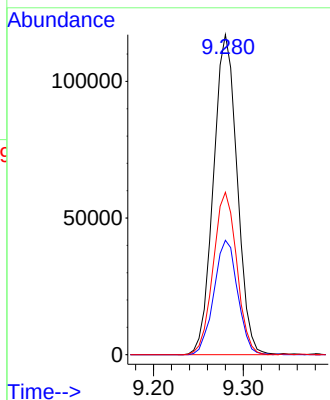
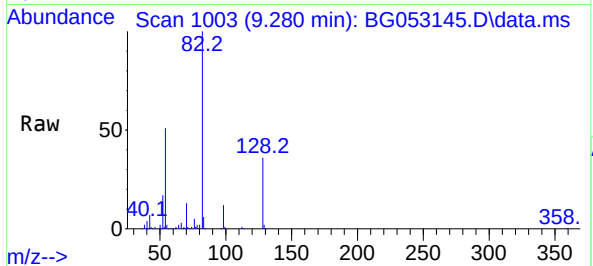




#23  
Nitrobenzene-d5  
Concen: 59.072 ng  
RT: 9.280 min Scan# 1003  
Delta R.T. -0.005 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

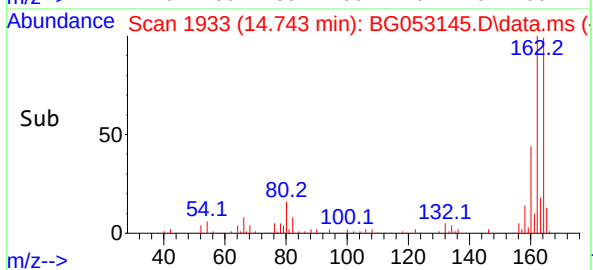
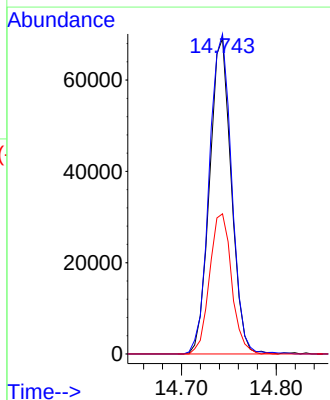
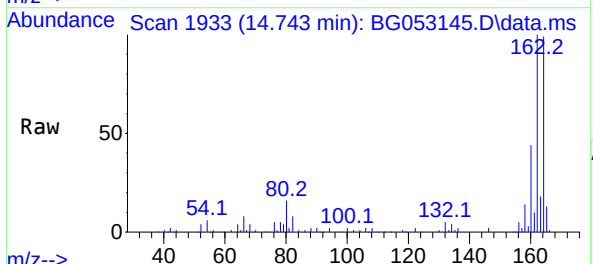
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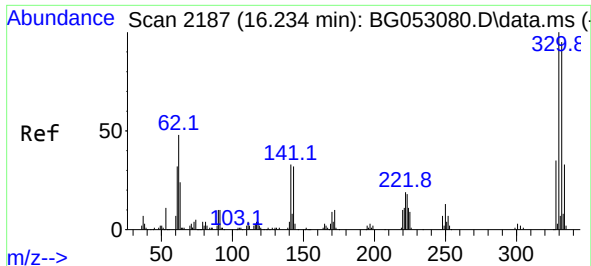
Tgt Ion: 82 Resp: 214617  
Ion Ratio Lower Upper  
82 100  
128 35.8 31.3 46.9  
54 50.8 37.8 56.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.743 min Scan# 1933  
Delta R.T. -0.005 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

Tgt Ion: 164 Resp: 109593  
Ion Ratio Lower Upper  
164 100  
162 101.4 80.0 120.0  
160 44.4 38.8 58.2

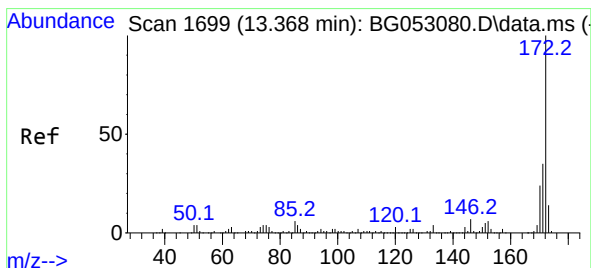
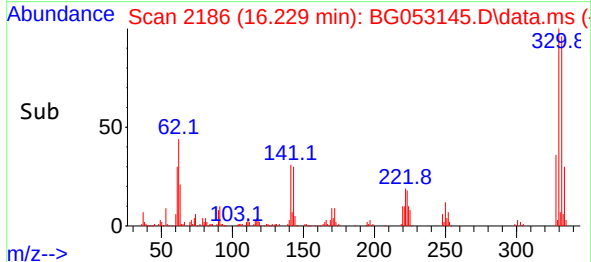
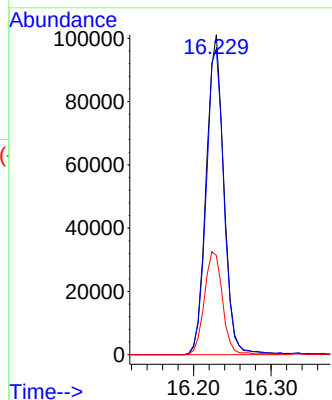
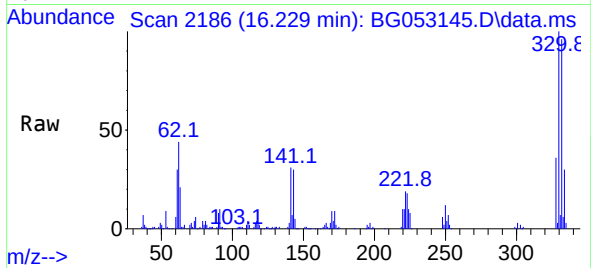




#42  
2,4,6-Tribromophenol  
Concen: 91.428 ng  
RT: 16.229 min Scan# 2187  
Delta R.T. -0.005 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

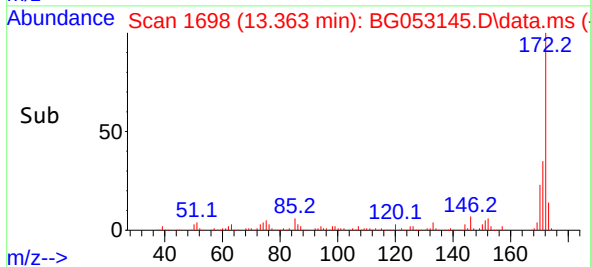
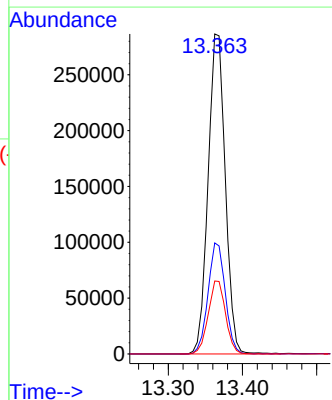
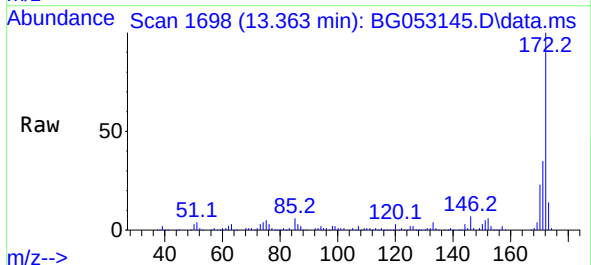
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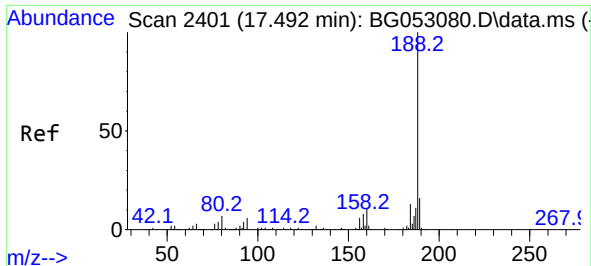
Tgt Ion:330 Resp: 159412  
Ion Ratio Lower Upper  
330 100  
332 96.6 75.8 113.6  
141 33.3 24.6 36.8



#45  
2-Fluorobiphenyl  
Concen: 58.158 ng  
RT: 13.363 min Scan# 1698  
Delta R.T. -0.005 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

Tgt Ion:172 Resp: 462230  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.3 42.5  
170 22.8 18.0 27.0

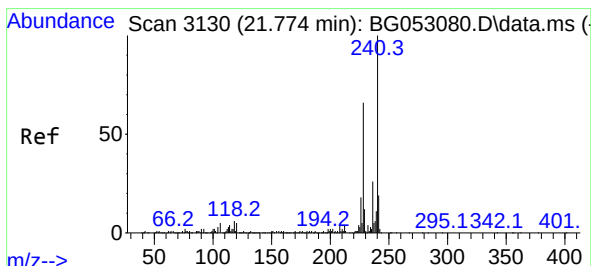
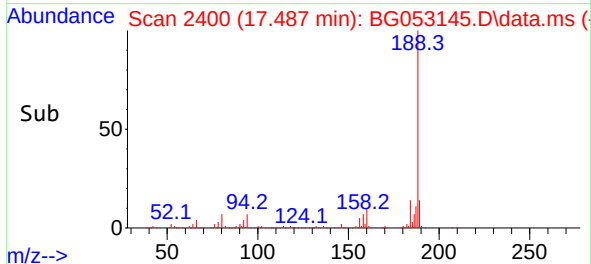
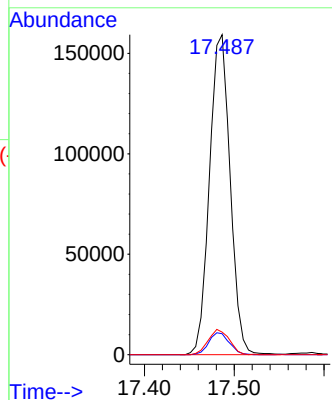
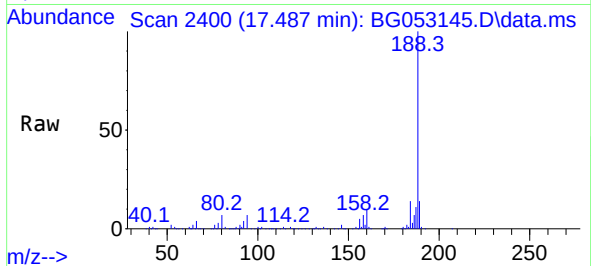




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.487 min Scan# 2401  
Delta R.T. -0.005 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

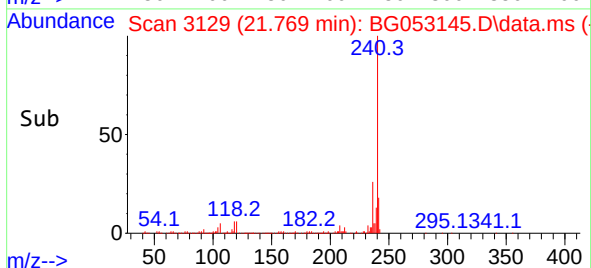
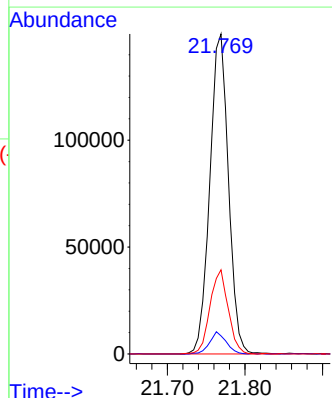
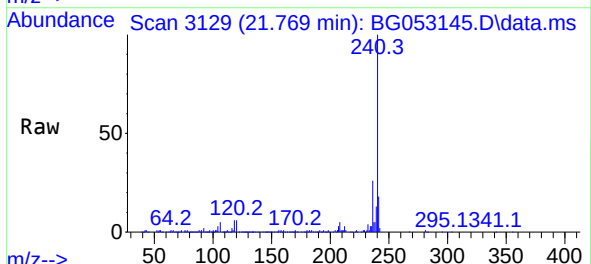
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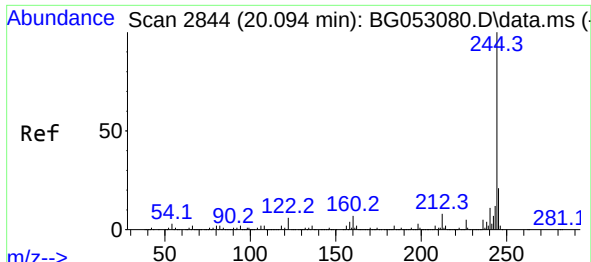
Tgt Ion:188 Resp: 254539  
Ion Ratio Lower Upper  
188 100  
94 6.6 5.7 8.5  
80 7.0 7.2 10.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.769 min Scan# 3129  
Delta R.T. -0.005 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

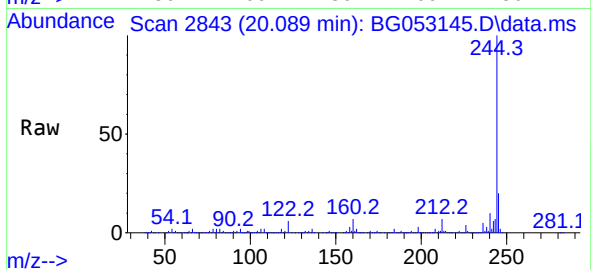
Tgt Ion:240 Resp: 249725  
Ion Ratio Lower Upper  
240 100  
120 5.7 5.4 8.0  
236 26.3 19.8 29.6





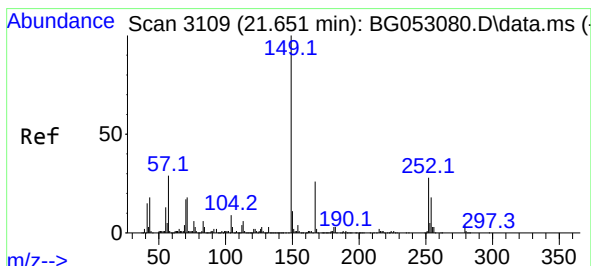
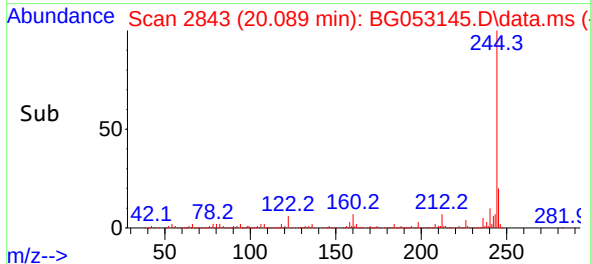
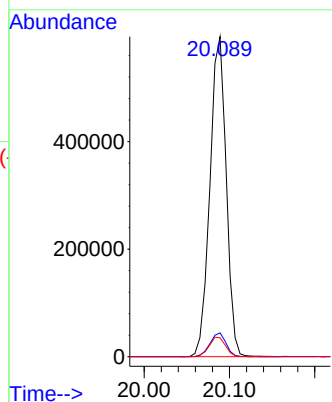
#79  
 Terphenyl-d14  
 Concen: 53.255 ng  
 RT: 20.089 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG053145.D  
 Acq: 13 Apr 2022 19:23

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Tgt Ion:244 Resp: 787444  

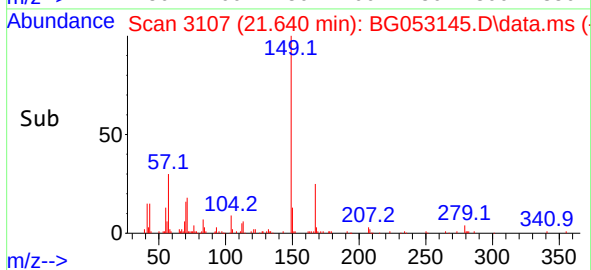
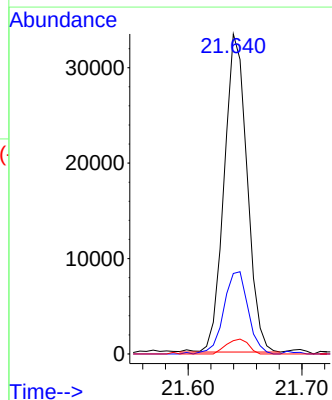
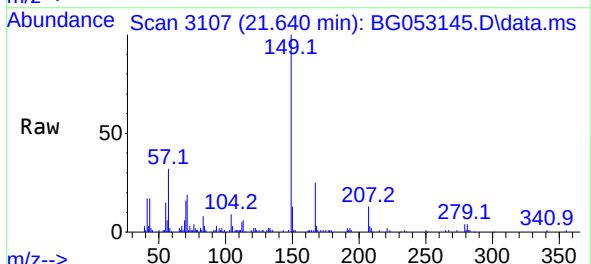
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.5   | 5.4   | 8.2   |
| 122 | 5.9   | 5.8   | 8.6   |



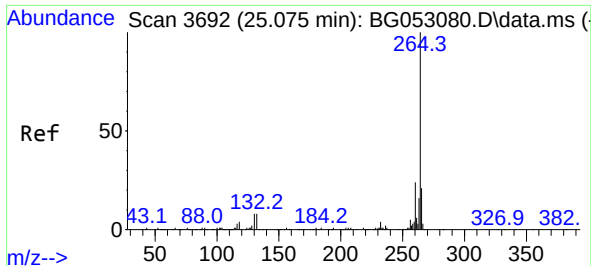
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 5.209 ng  
 RT: 21.640 min Scan# 3107  
 Delta R.T. -0.011 min  
 Lab File: BG053145.D  
 Acq: 13 Apr 2022 19:23

Tgt Ion:149 Resp: 46689  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 25.1  | 21.4  | 32.2  |
| 279 | 4.1   | 3.8   | 5.8   |

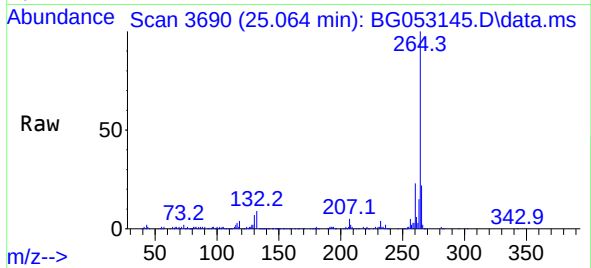






#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.064 min Scan# 30  
Delta R.T. -0.011 min  
Lab File: BG053145.D  
Acq: 13 Apr 2022 19:23

Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:264 Resp: 254365  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.4  | 18.2  | 27.2  |
| 265 | 22.2  | 15.1  | 22.7  |

