

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062321\  
 Data File : BG049059.D  
 Acq On : 23 Jun 2021 13:17  
 Operator : CG/JU  
 Sample : PB137257BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137257BL

Quant Time: Jun 23 14:10:11 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG061121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 16 12:04:50 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.108  | 152  | 34194    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.929 | 136  | 131571   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 14.748 | 164  | 95235    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.497 | 188  | 220526   | 20.000  | ng    | #-0.01   |
| 76) Chrysene-d12            | 21.786 | 240  | 235183   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.112 | 264  | 243191   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.664  | 112  | 293487   | 133.610 | ng    | 0.00     |
| 7) Phenol-d6                | 7.262  | 99   | 366205   | 111.231 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.272  | 82   | 269109   | 88.195  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.240 | 330  | 204244   | 144.755 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.373 | 172  | 591655   | 87.763  | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.106 | 244  | 1123485  | 87.488  | ng    | 0.00     |

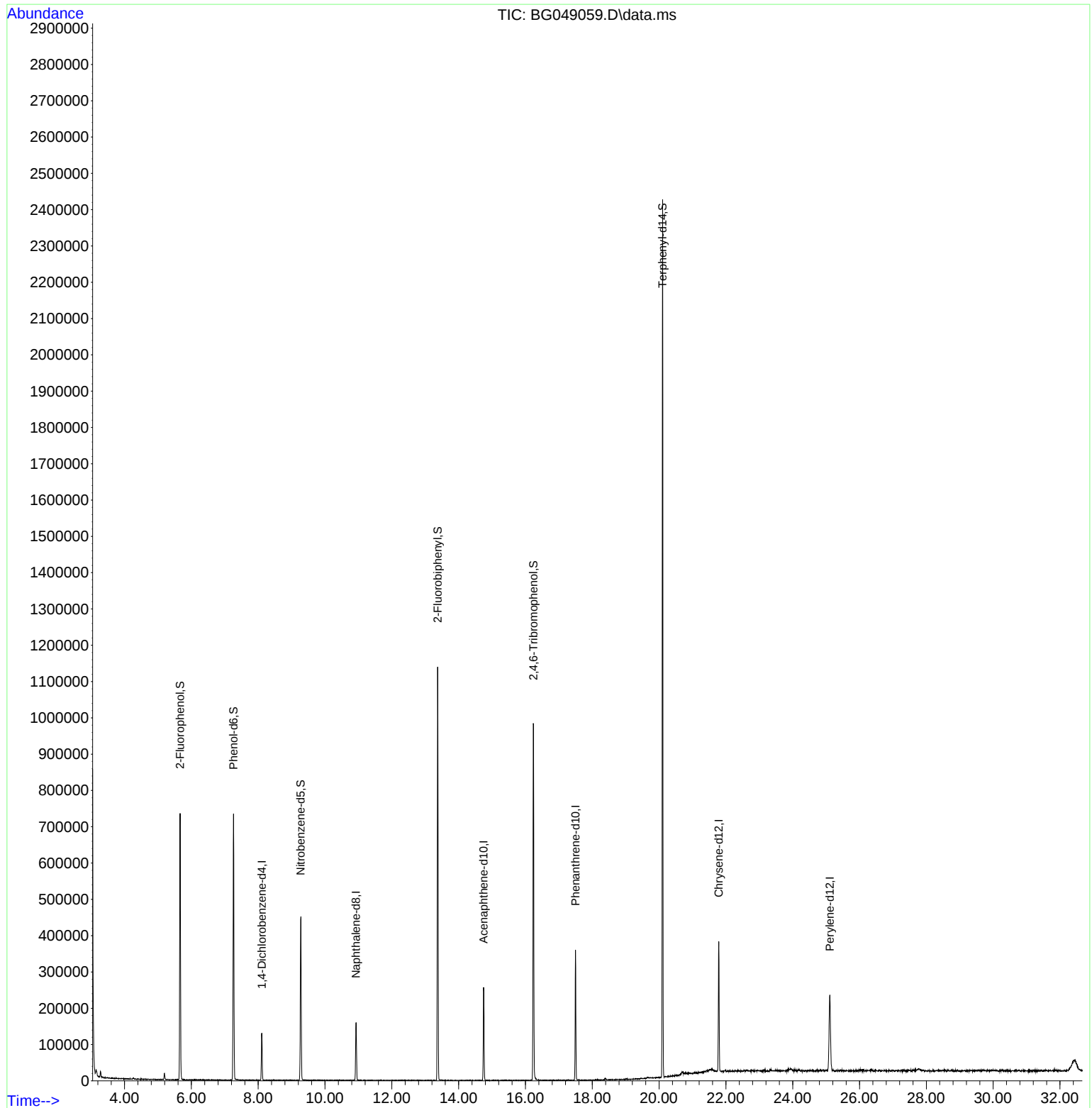
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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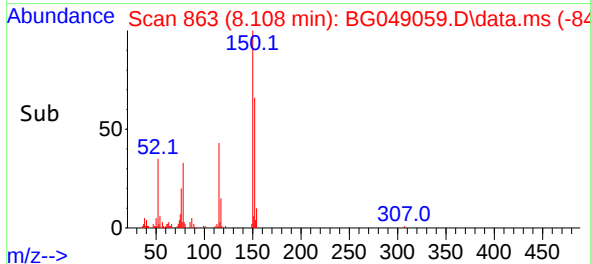
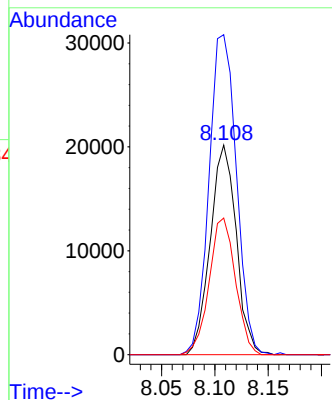
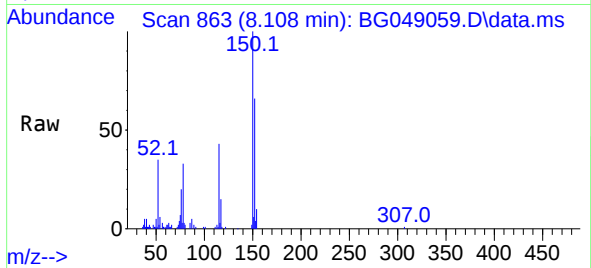




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.108 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: BG049059.D  
Acq: 23 Jun 2021 13:17

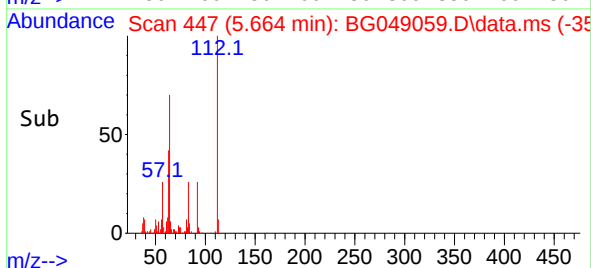
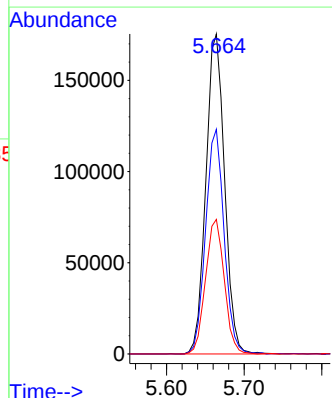
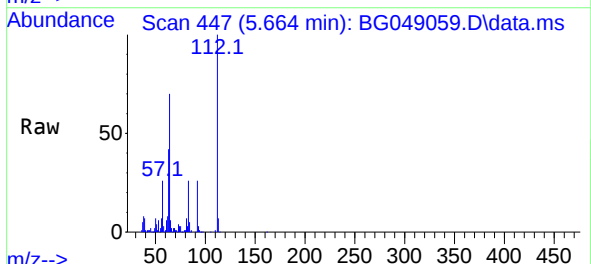
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BNA\_G  
ClientSampleId :  
PB137257BL

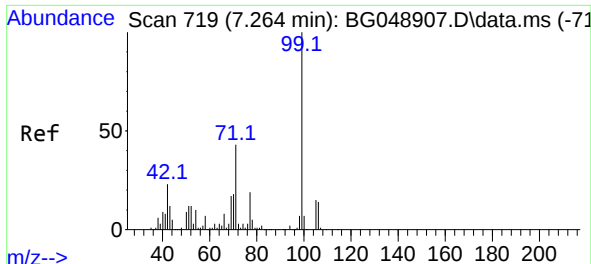
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Ion Ratio Lower Upper  
152 100  
150 152.7 119.4 179.0  
115 65.2 60.2 90.4



#5  
2-Fluorophenol  
Concen: 133.610 ng  
RT: 5.664 min Scan# 447  
Delta R.T. 0.001 min  
Lab File: BG049059.D  
Acq: 23 Jun 2021 13:17

Tgt Ion:112 Resp: 293487  
Ion Ratio Lower Upper  
112 100  
64 70.2 46.7 70.1#  
63 42.1 35.3 52.9

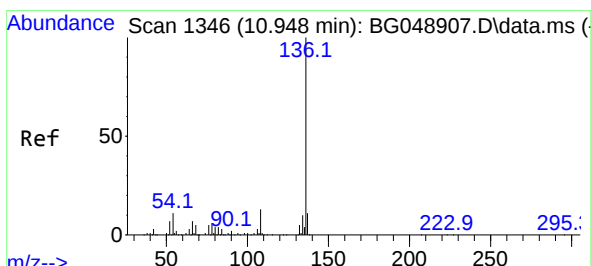
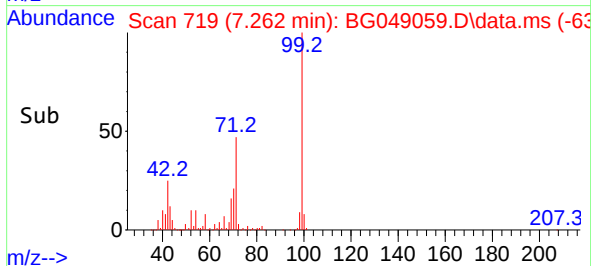
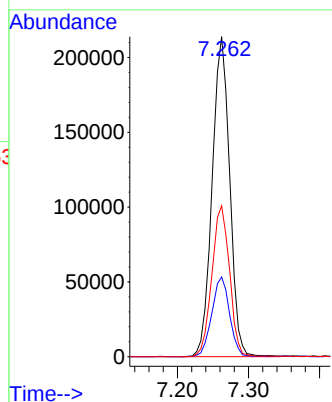
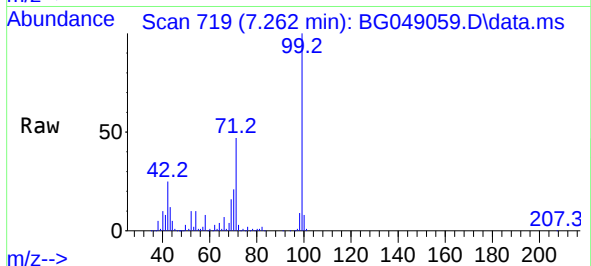




#7  
Phenol-d6  
Concen: 111.231 ng  
RT: 7.262 min Scan# 719  
Delta R.T. -0.005 min  
Lab File: BG049059.D  
Acq: 23 Jun 2021 13:17

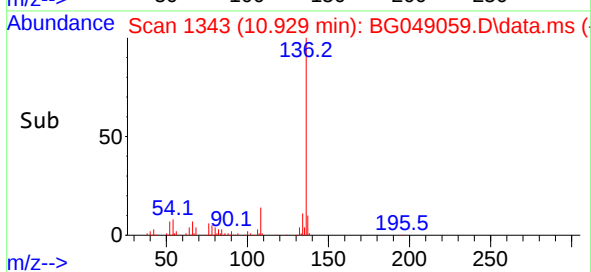
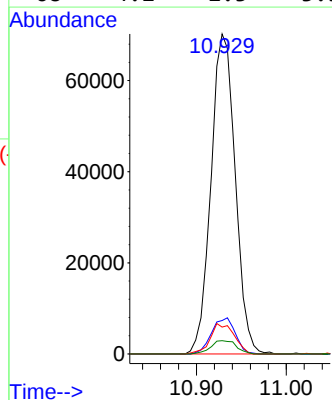
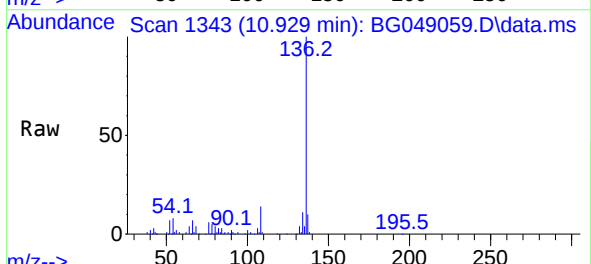
Instrument :  
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ClientSampleId :  
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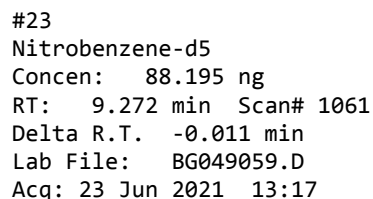
Tgt Ion: 99 Resp: 366205  
Ion Ratio Lower Upper  
99 100  
42 24.9 20.5 30.7  
71 47.1 41.5 62.3



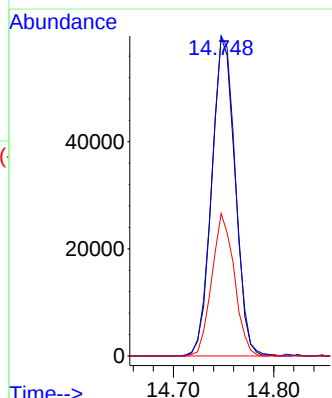
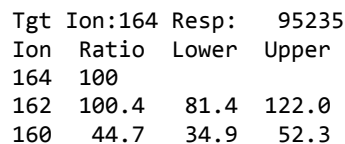
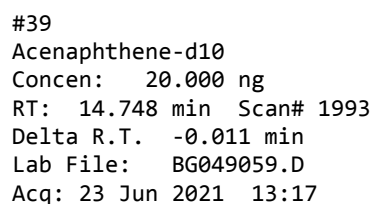
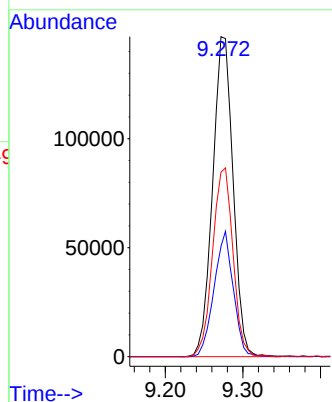
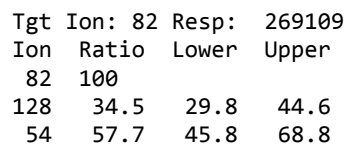
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.929 min Scan# 1343  
Delta R.T. -0.011 min  
Lab File: BG049059.D  
Acq: 23 Jun 2021 13:17

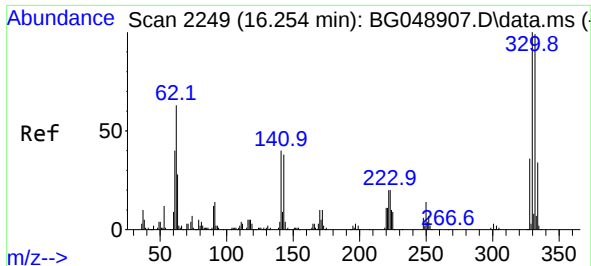
Tgt Ion:136 Resp: 131571  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.2 12.2  
54 8.4 5.5 8.3#  
68 4.2 2.3 3.5#





**Instrument :**  
BNA\_G  
**ClientSampleId :**  
PB137257BL

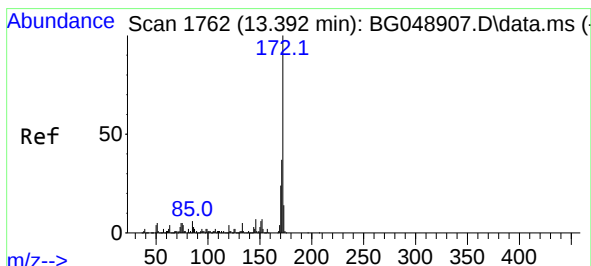
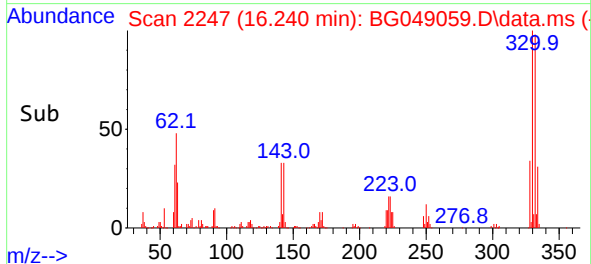
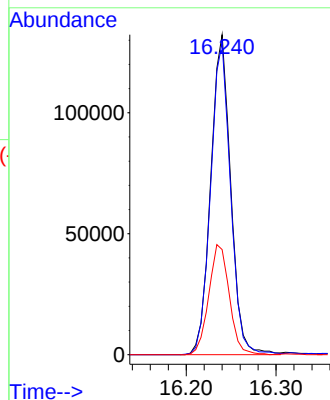
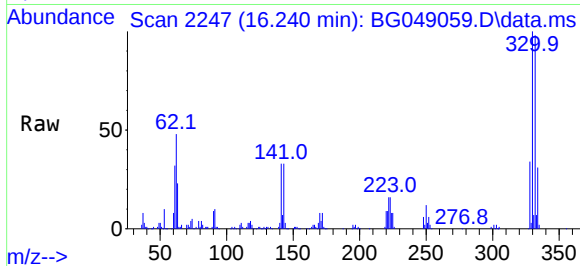




#42  
2,4,6-Tribromophenol  
Concen: 144.755 ng  
RT: 16.240 min Scan# 2247  
Delta R.T. -0.005 min  
Lab File: BG049059.D  
Acq: 23 Jun 2021 13:17

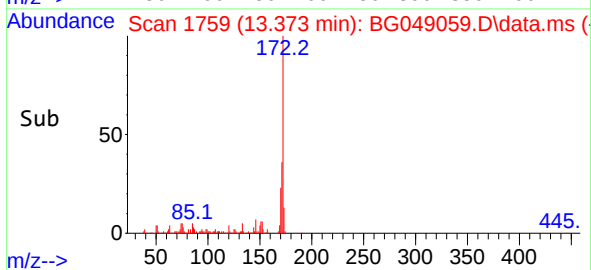
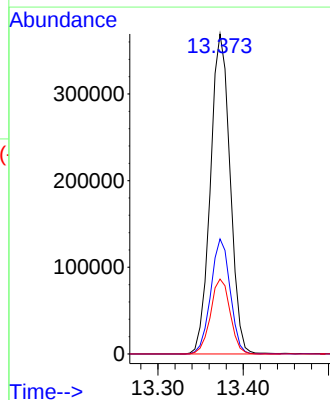
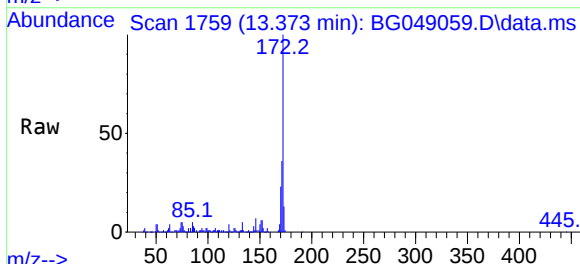
Instrument :  
BNA\_G  
ClientSampleId :  
PB137257BL

Tgt Ion:330 Resp: 204244  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.3 115.9  
141 35.4 35.6 53.4#



#45  
2-Fluorobiphenyl  
Concen: 87.763 ng  
RT: 13.373 min Scan# 1759  
Delta R.T. -0.011 min  
Lab File: BG049059.D  
Acq: 23 Jun 2021 13:17

Tgt Ion:172 Resp: 591655  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.6 43.0  
170 23.4 18.6 27.8

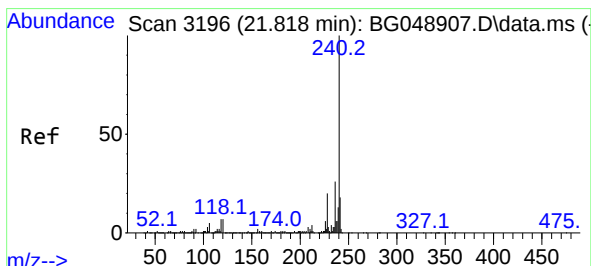
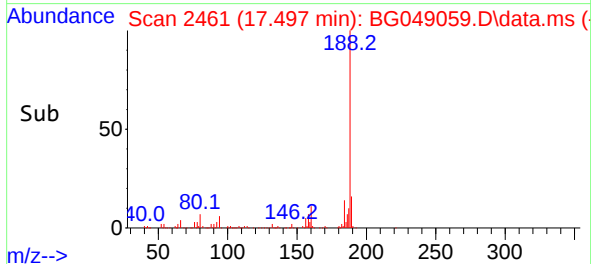
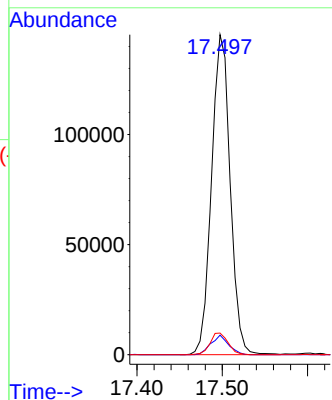
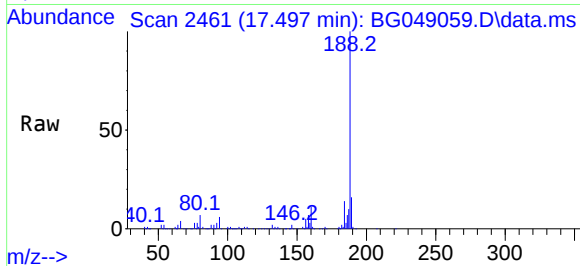




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.497 min Scan# 2461  
Delta R.T. -0.011 min  
Lab File: BG049059.D  
Acq: 23 Jun 2021 13:17

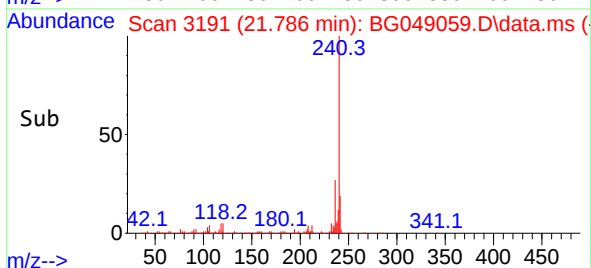
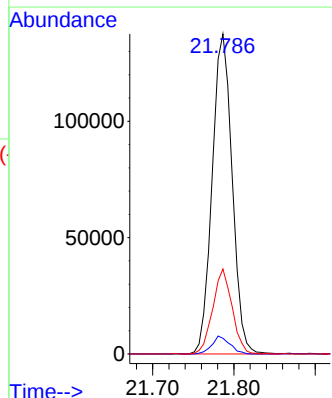
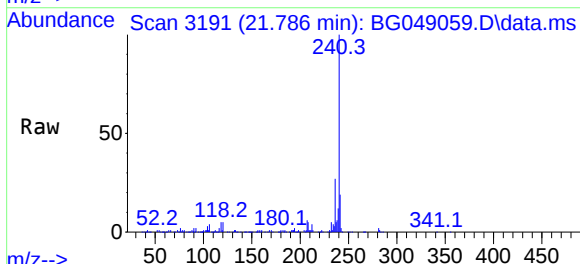
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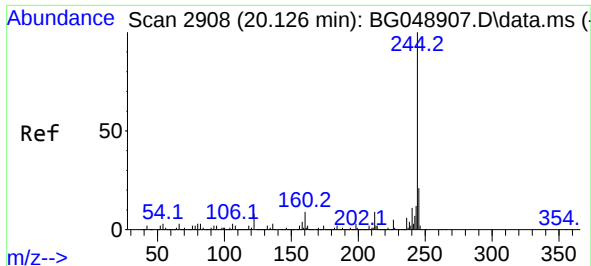
Tgt Ion:188 Resp: 220526  
Ion Ratio Lower Upper  
188 100  
94 6.1 5.4 8.0  
80 6.8 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.786 min Scan# 3191  
Delta R.T. -0.011 min  
Lab File: BG049059.D  
Acq: 23 Jun 2021 13:17

Tgt Ion:240 Resp: 235183  
Ion Ratio Lower Upper  
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120 4.9 4.2 6.2  
236 26.5 21.8 32.6

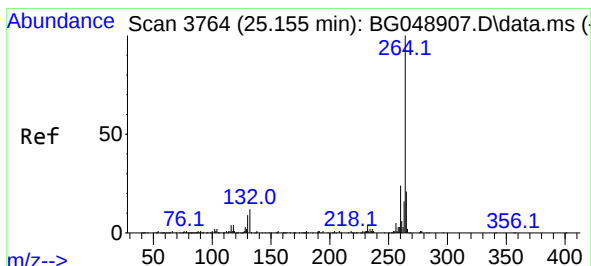
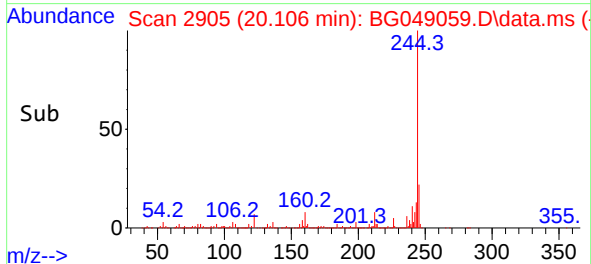
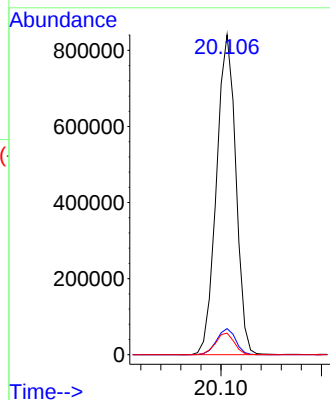
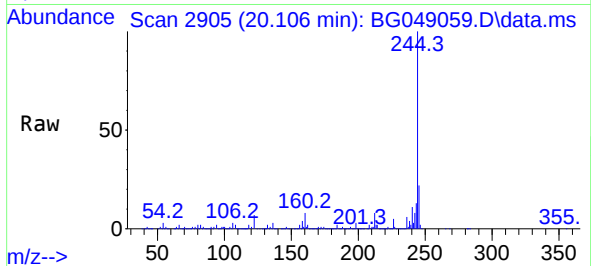




#79  
 Terphenyl-d14  
 Concen: 87.488 ng  
 RT: 20.106 min Scan# 2905  
 Delta R.T. -0.005 min  
 Lab File: BG049059.D  
 Acq: 23 Jun 2021 13:17

Instrument :  
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Tgt Ion:244 Resp: 1123485  
 Ion Ratio Lower Upper  
 244 100  
 212 8.2 6.9 10.3  
 122 6.8 5.0 7.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.112 min Scan# 3757  
 Delta R.T. -0.017 min  
 Lab File: BG049059.D  
 Acq: 23 Jun 2021 13:17

Tgt Ion:264 Resp: 243191  
 Ion Ratio Lower Upper  
 264 100  
 260 21.7 19.4 29.2  
 265 20.8 16.9 25.3

