

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062121\  
 Data File : BG049029.D  
 Acq On : 21 Jun 2021 12:15  
 Operator : CG/JU  
 Sample : PB137219BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137219BL

Quant Time: Jun 21 13:34:02 2021  
 Quant Title :  
 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   | 8.112  | 152  | 36840    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.932 | 136  | 144471   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.751 | 164  | 100832   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.501 | 188  | 233603   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.790 | 240  | 245063   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.121 | 264  | 246691   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.667  | 112  | 300264   | 126.877 | ng    | 0.00     |
| 7) Phenol-d6                | 7.266  | 99   | 384375   | 108.365 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.281  | 82   | 273176   | 81.534  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.243 | 330  | 184780   | 123.691 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.376 | 172  | 584732   | 81.921  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.109 | 244  | 1121892  | 83.842  | ng    | 0.00     |

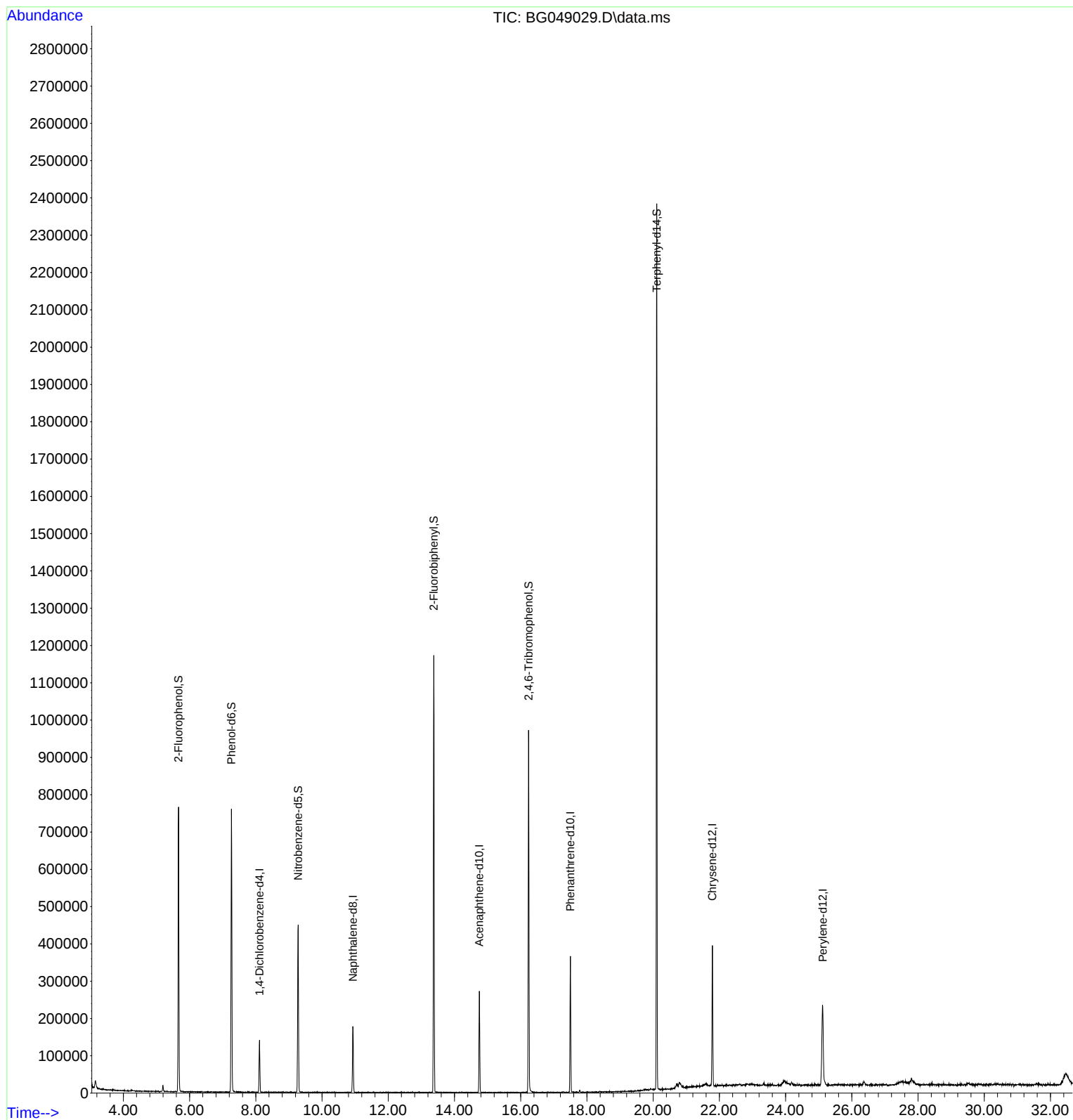
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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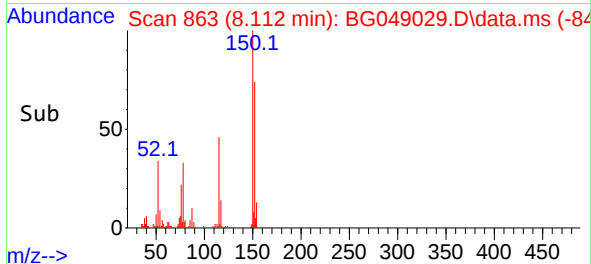
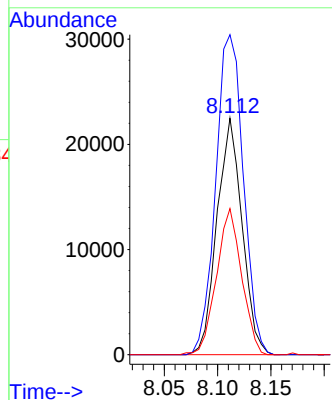
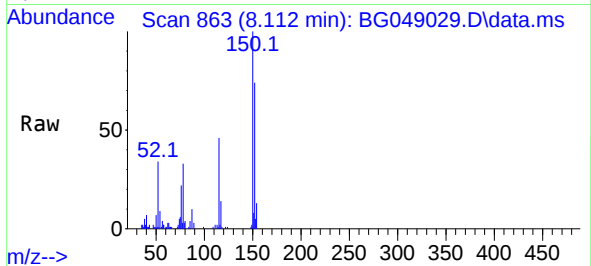




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.112 min Scan# 863  
Delta R.T. -0.002 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

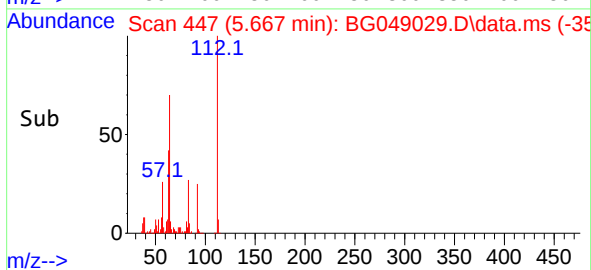
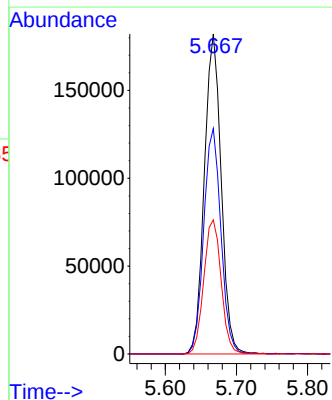
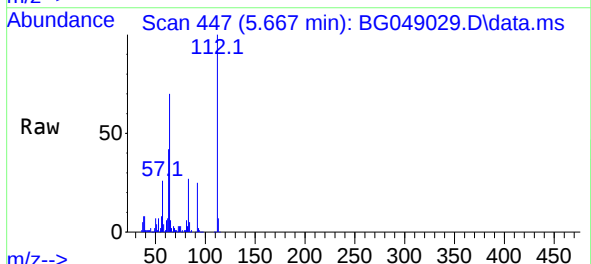
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BL

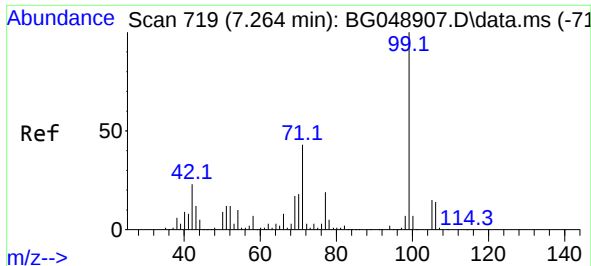
Tgt Ion:152 Resp: 36840  
Ion Ratio Lower Upper  
152 100  
150 135.3 119.4 179.0  
115 61.7 60.2 90.4



#5  
2-Fluorophenol  
Concen: 126.877 ng  
RT: 5.667 min Scan# 447  
Delta R.T. 0.004 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

Tgt Ion:112 Resp: 300264  
Ion Ratio Lower Upper  
112 100  
64 70.5 46.7 70.1#  
63 41.9 35.3 52.9

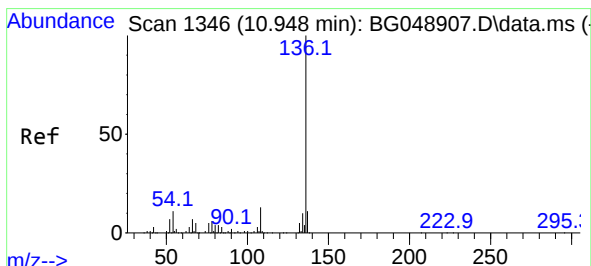
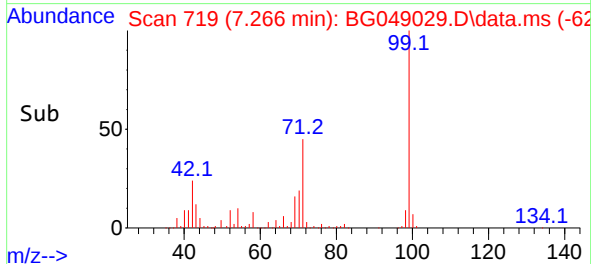
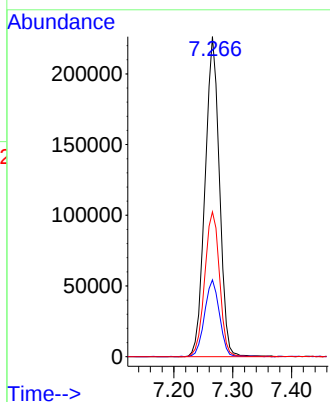
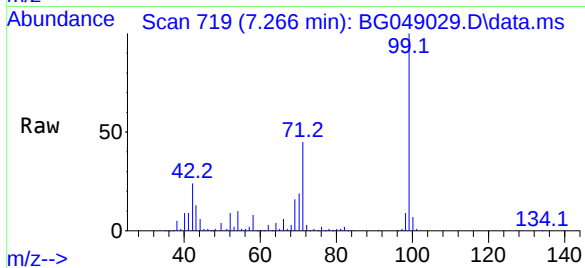




#7  
Phenol-d6  
Concen: 108.365 ng  
RT: 7.266 min Scan# 719  
Delta R.T. -0.002 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

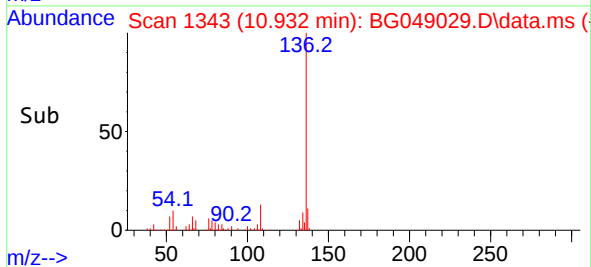
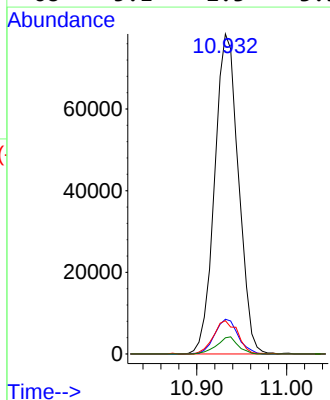
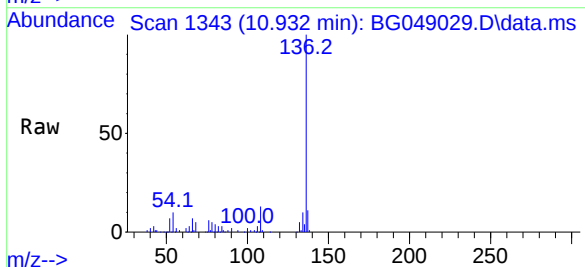
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BL

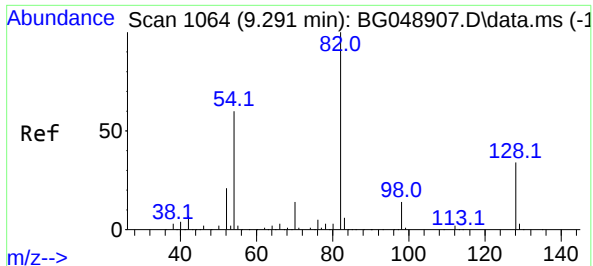
Tgt Ion: 99 Resp: 384375  
Ion Ratio Lower Upper  
99 100  
42 24.0 20.5 30.7  
71 45.3 41.5 62.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.932 min Scan# 1343  
Delta R.T. -0.008 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

Tgt Ion:136 Resp: 144471  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.2 12.2  
54 10.4 5.5 8.3#  
68 5.1 2.3 3.5#

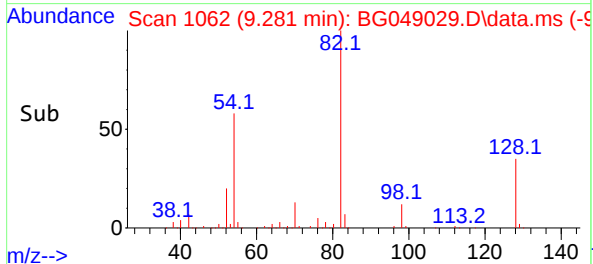
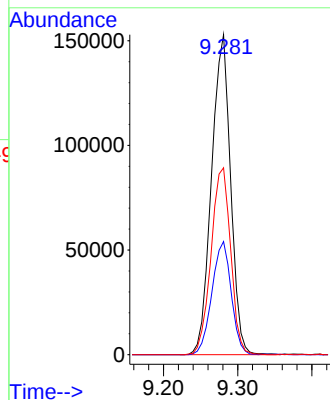
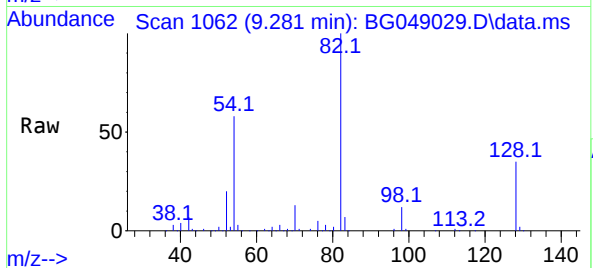




#23  
Nitrobenzene-d5  
Concen: 81.534 ng  
RT: 9.281 min Scan# 1062  
Delta R.T. -0.002 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

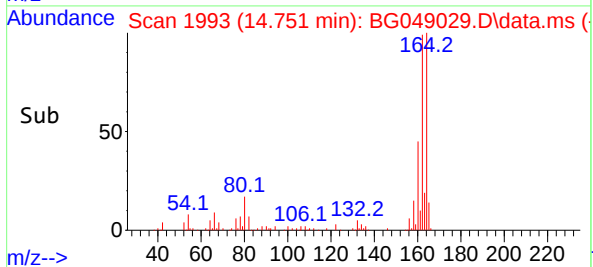
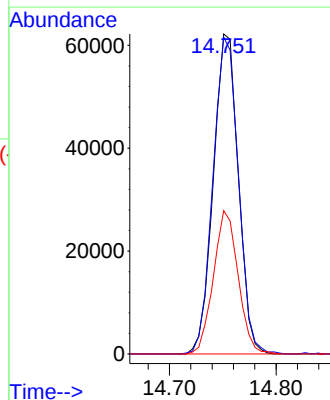
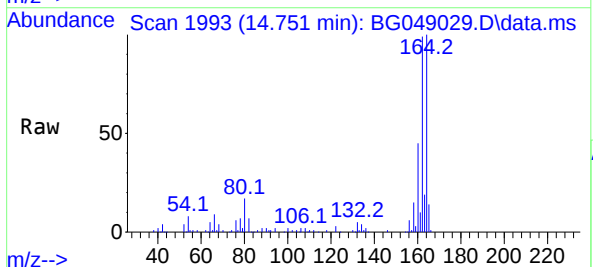
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BL

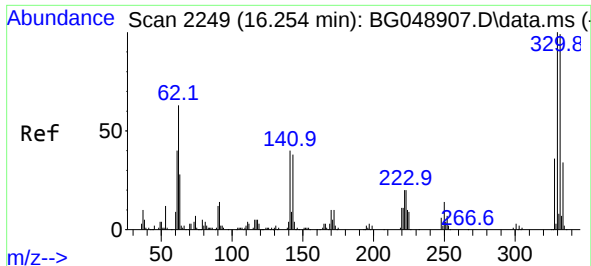
Tgt Ion: 82 Resp: 273176  
Ion Ratio Lower Upper  
82 100  
128 35.3 29.8 44.6  
54 58.4 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.751 min Scan# 1993  
Delta R.T. -0.008 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

Tgt Ion:164 Resp: 100832  
Ion Ratio Lower Upper  
164 100  
162 99.0 81.4 122.0  
160 44.8 34.9 52.3

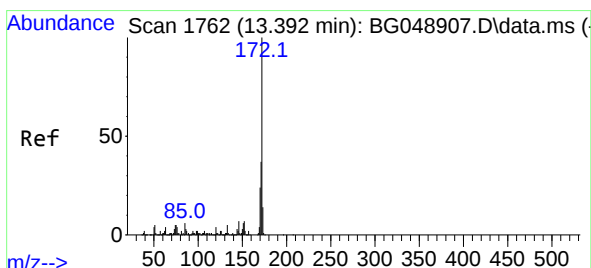
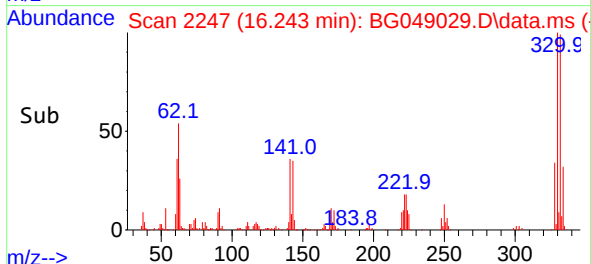
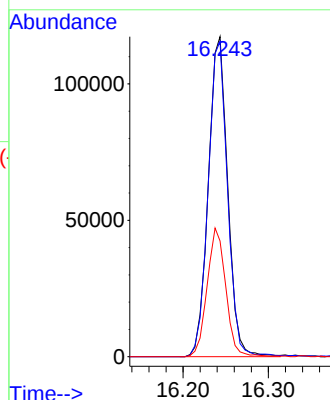
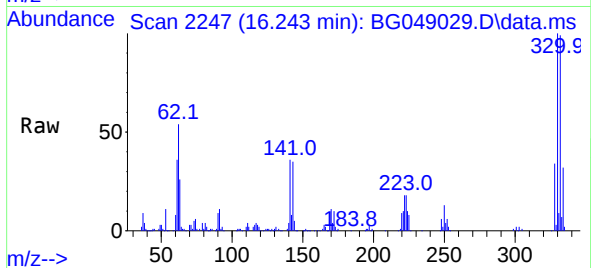




#42  
2,4,6-Tribromophenol  
Concen: 123.691 ng  
RT: 16.243 min Scan# 2247  
Delta R.T. -0.002 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

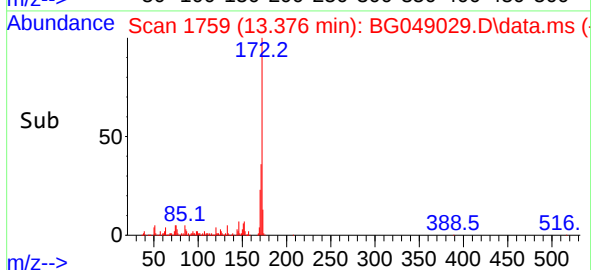
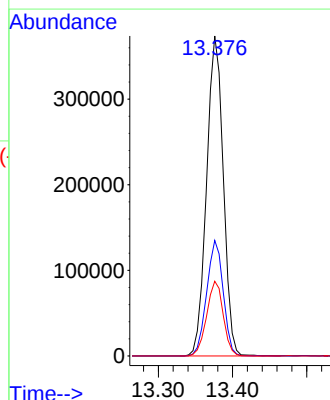
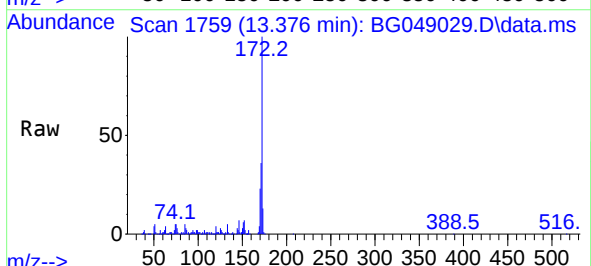
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ClientSampleId :  
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Tgt Ion:330 Resp: 184780  
Ion Ratio Lower Upper  
330 100  
332 98.6 77.3 115.9  
141 38.8 35.6 53.4



#45  
2-Fluorobiphenyl  
Concen: 81.921 ng  
RT: 13.376 min Scan# 1759  
Delta R.T. -0.008 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

Tgt Ion:172 Resp: 584732  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.6 43.0  
170 23.4 18.6 27.8

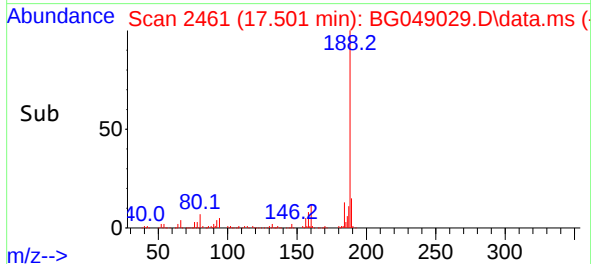
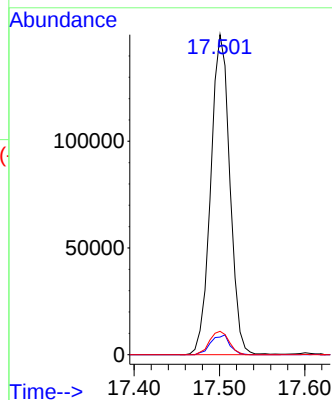
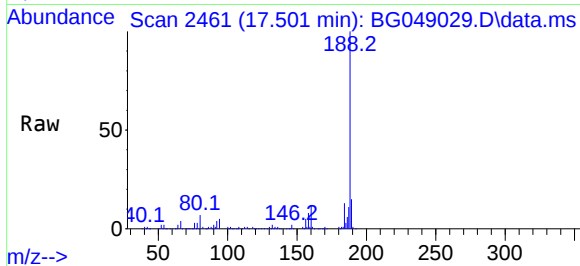




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.501 min Scan# 2461  
Delta R.T. -0.008 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

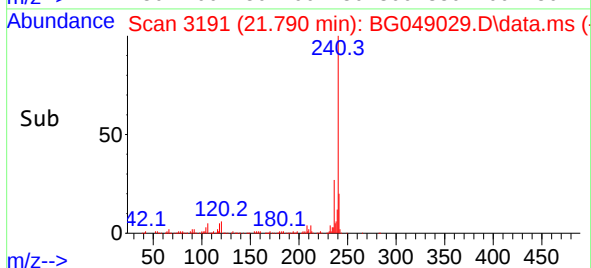
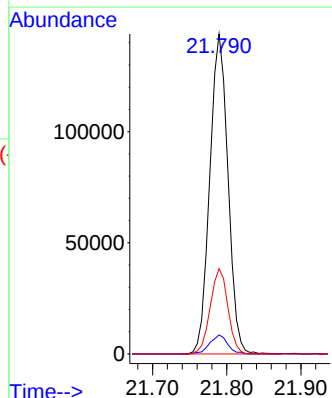
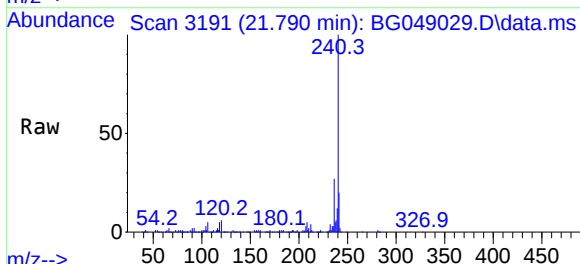
Instrument :  
BNA\_G  
ClientSampleId :  
PB137219BL

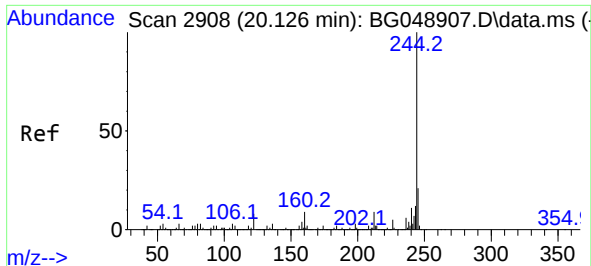
Tgt Ion:188 Resp: 233603  
Ion Ratio Lower Upper  
188 100  
94 5.5 5.4 8.0  
80 7.3 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.790 min Scan# 3191  
Delta R.T. -0.008 min  
Lab File: BG049029.D  
Acq: 21 Jun 2021 12:15

Tgt Ion:240 Resp: 245063  
Ion Ratio Lower Upper  
240 100  
120 5.9 4.2 6.2  
236 26.6 21.8 32.6

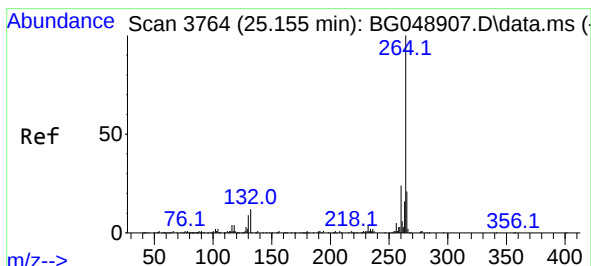
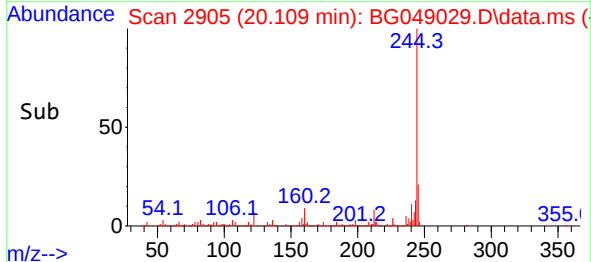
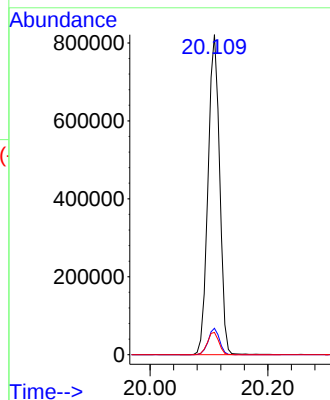
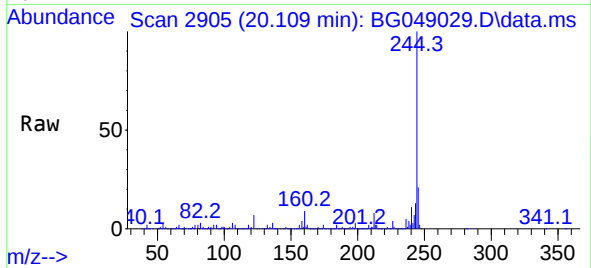




#79  
 Terphenyl-d14  
 Concen: 83.842 ng  
 RT: 20.109 min Scan# 2905  
 Delta R.T. -0.002 min  
 Lab File: BG049029.D  
 Acq: 21 Jun 2021 12:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137219BL

Tgt Ion:244 Resp: 1121892  
 Ion Ratio Lower Upper  
 244 100  
 212 8.3 6.9 10.3  
 122 6.9 5.0 7.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.121 min Scan# 3758  
 Delta R.T. -0.008 min  
 Lab File: BG049029.D  
 Acq: 21 Jun 2021 12:15

Tgt Ion:264 Resp: 246691  
 Ion Ratio Lower Upper  
 264 100  
 260 21.7 19.4 29.2  
 265 20.9 16.9 25.3

