

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG072221\  
 Data File : BG049416.D  
 Acq On : 22 Jul 2021 22:19  
 Operator : CG/JU  
 Sample : PB137646BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137646BL

Quant Time: Jul 23 04:32:56 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG072121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jul 23 04:31:54 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.051  | 152  | 26310    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.870 | 136  | 104685   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.700 | 164  | 72918    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.450 | 188  | 159400   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.726 | 240  | 180274   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.004 | 264  | 185758   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.601  | 112  | 217103   | 140.000 | ng    | 0.00     |
| 7) Phenol-d6                | 7.205  | 99   | 292533   | 129.528 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.220  | 82   | 205808   | 88.084  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.187 | 330  | 129429   | 132.543 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.320 | 172  | 426727   | 84.208  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.058 | 244  | 799971   | 86.663  | ng    | 0.00     |

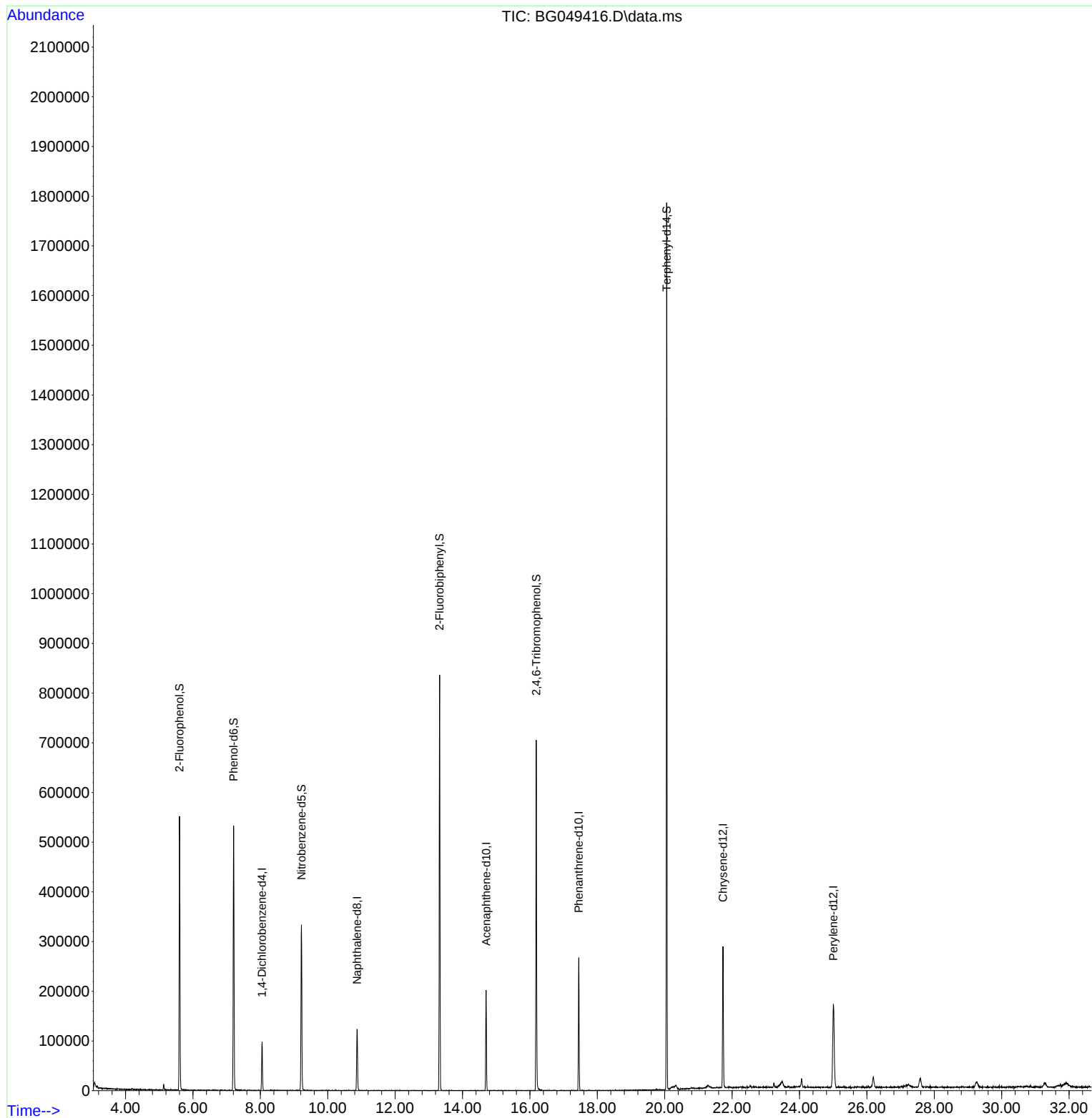
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

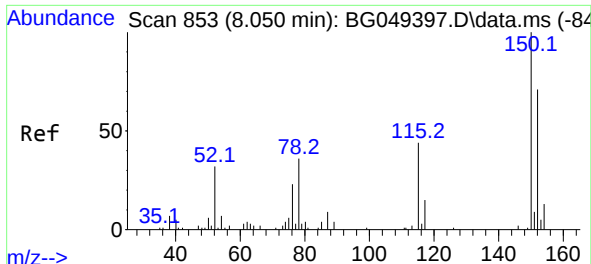
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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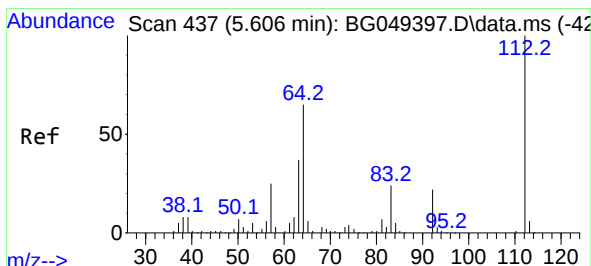
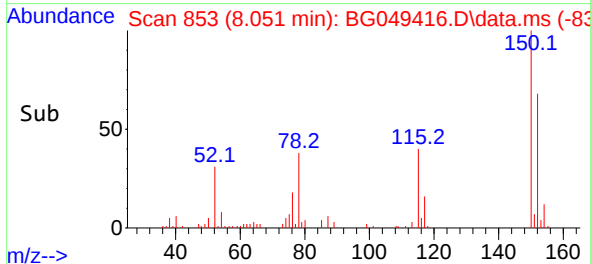
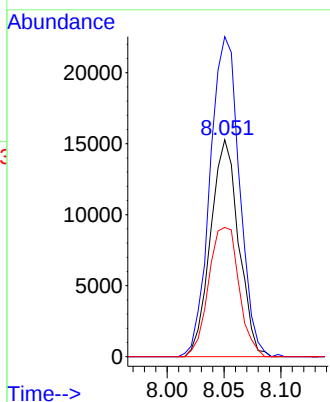
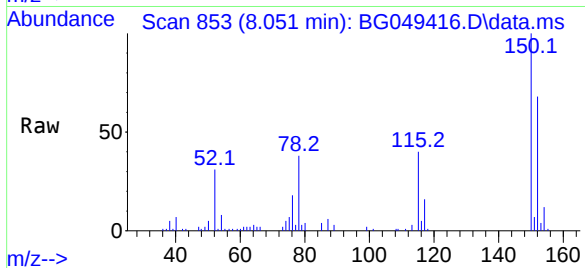




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.051 min Scan# 853  
Delta R.T. 0.001 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

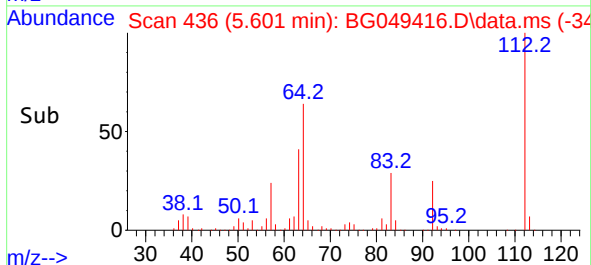
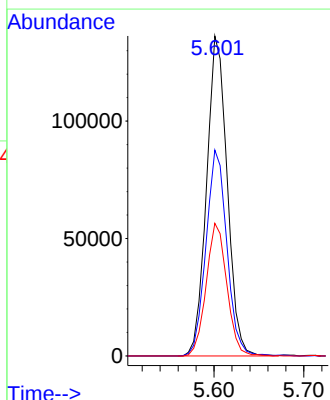
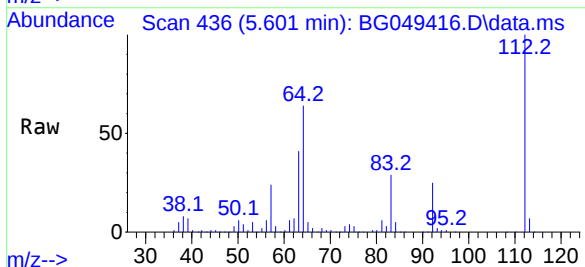
Instrument :  
BNA\_G  
ClientSampled :  
PB137646BL

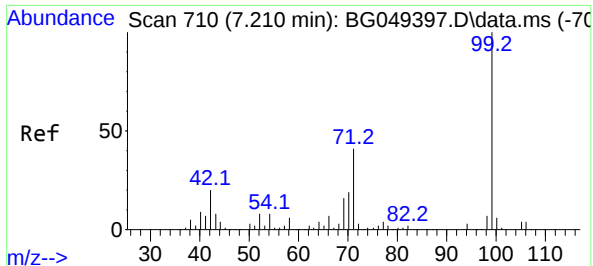
Tgt Ion:152 Resp: 26310  
Ion Ratio Lower Upper  
152 100  
150 147.5 119.4 179.0  
115 59.6 60.2 90.4#



#5  
2-Fluorophenol  
Concen: 140.000 ng  
RT: 5.601 min Scan# 436  
Delta R.T. -0.005 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

Tgt Ion:112 Resp: 217103  
Ion Ratio Lower Upper  
112 100  
64 64.3 46.7 70.1  
63 41.4 35.3 52.9

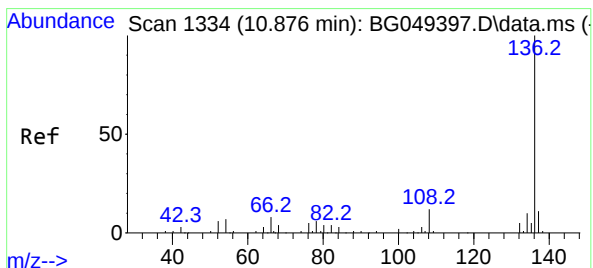
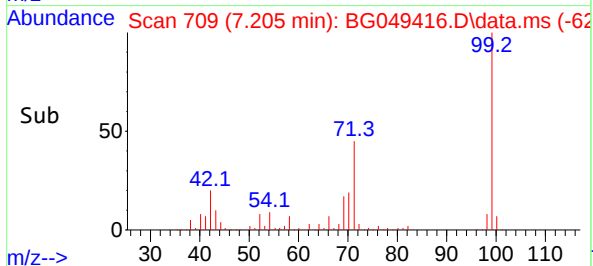
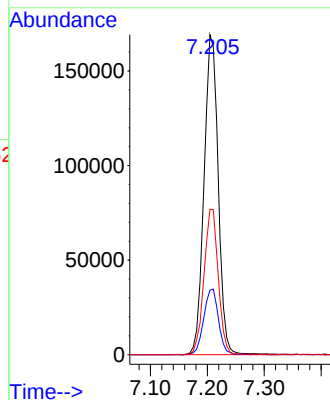
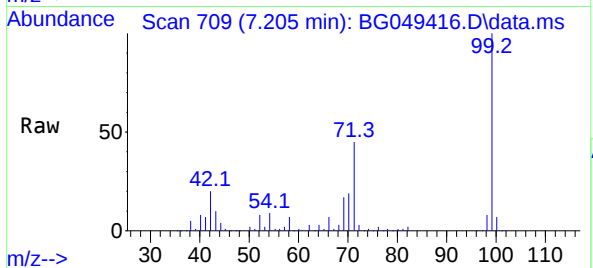




#7  
Phenol-d6  
Concen: 129.528 ng  
RT: 7.205 min Scan# 709  
Delta R.T. -0.005 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

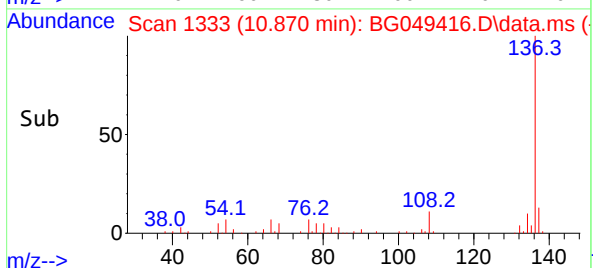
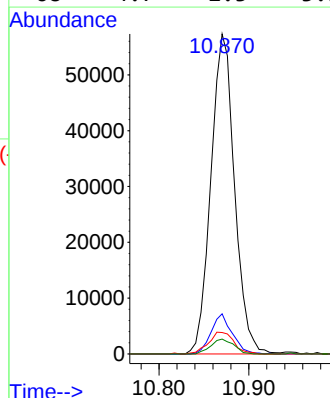
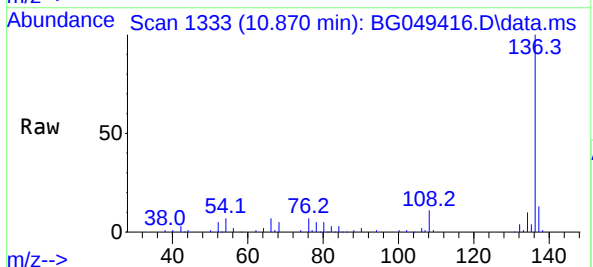
Instrument :  
BNA\_G  
ClientSampleId :  
PB137646BL

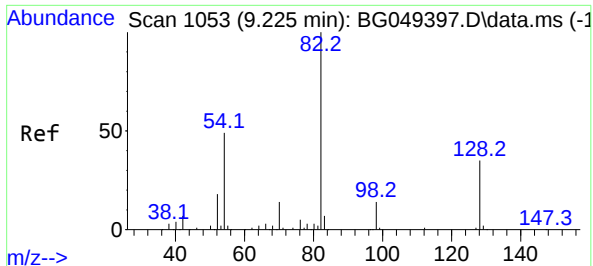
Tgt Ion: 99 Resp: 292533  
Ion Ratio Lower Upper  
99 100  
42 20.2 20.5 30.7#  
71 45.5 41.5 62.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.870 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

Tgt Ion: 136 Resp: 104685  
Ion Ratio Lower Upper  
136 100  
137 12.5 8.2 12.2#  
54 6.7 5.5 8.3  
68 4.7 2.3 3.5#

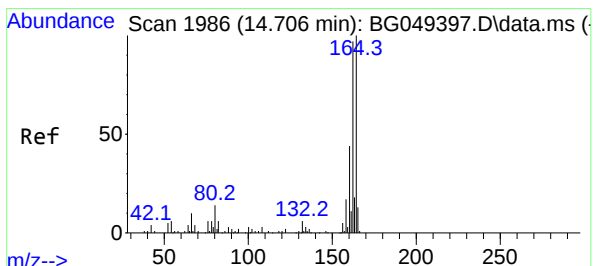
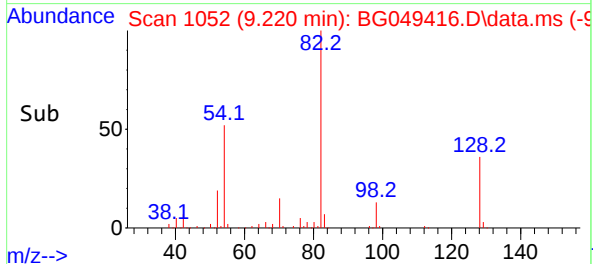
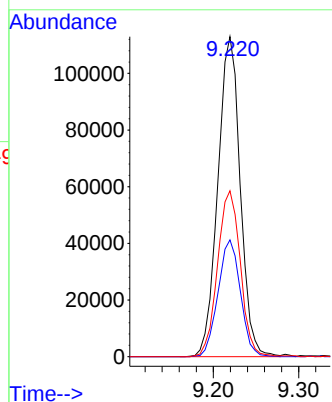
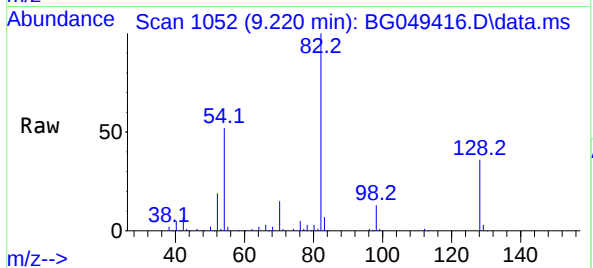




#23  
Nitrobenzene-d5  
Concen: 88.084 ng  
RT: 9.220 min Scan# 1052  
Delta R.T. -0.005 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

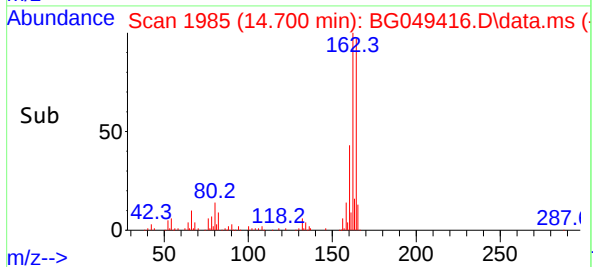
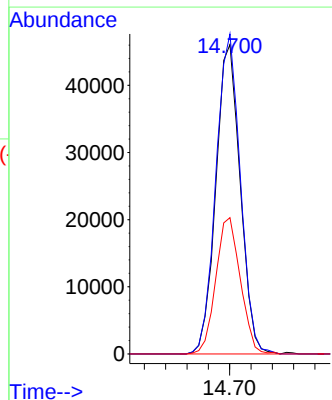
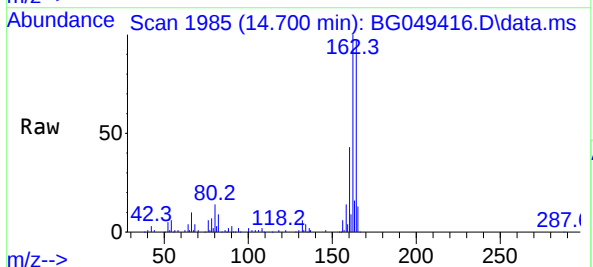
Instrument :  
BNA\_G  
ClientSampleId :  
PB137646BL

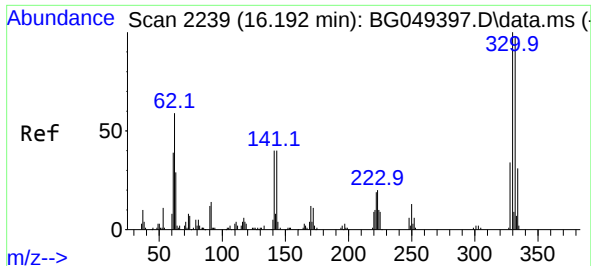
Tgt Ion: 82 Resp: 205808  
Ion Ratio Lower Upper  
82 100  
128 36.5 29.8 44.6  
54 51.8 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.700 min Scan# 1985  
Delta R.T. -0.006 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

Tgt Ion:164 Resp: 72918  
Ion Ratio Lower Upper  
164 100  
162 103.4 81.4 122.0  
160 44.0 34.9 52.3

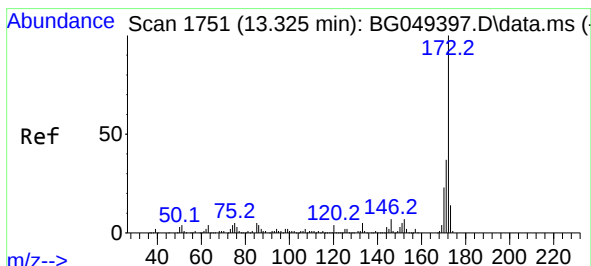
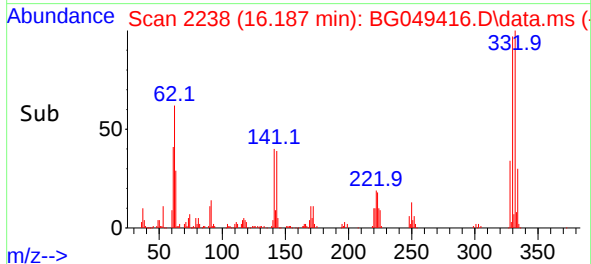
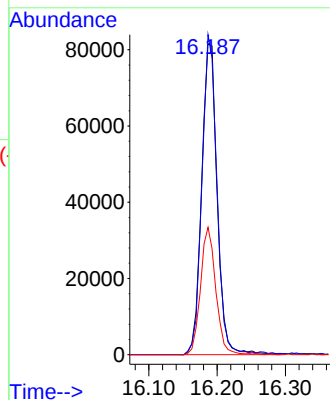
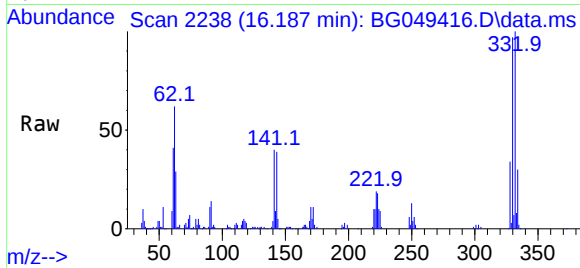




#42  
2,4,6-Tribromophenol  
Concen: 132.543 ng  
RT: 16.187 min Scan# 2238  
Delta R.T. -0.005 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

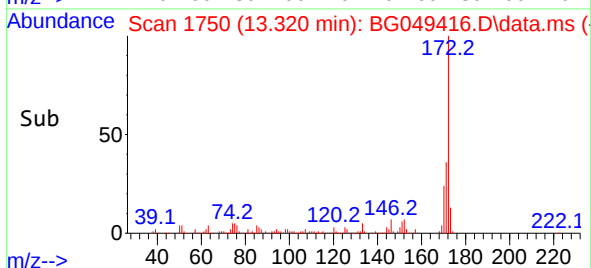
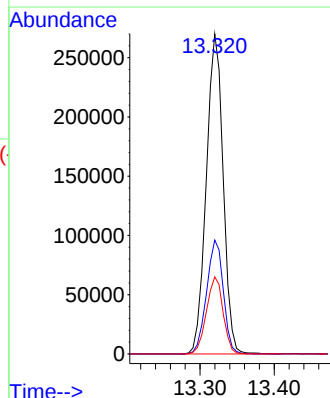
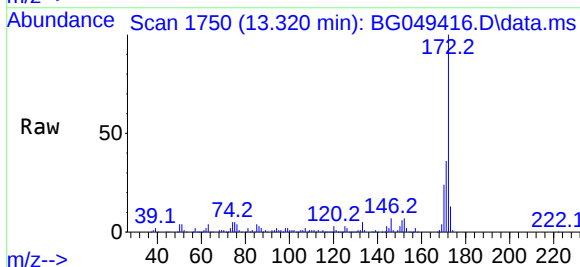
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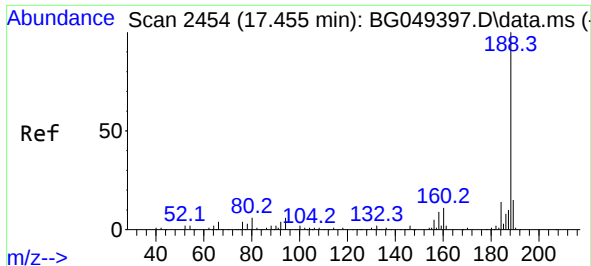
Tgt Ion:330 Resp: 129429  
Ion Ratio Lower Upper  
330 100  
332 98.6 77.3 115.9  
141 40.1 35.6 53.4



#45  
2-Fluorobiphenyl  
Concen: 84.208 ng  
RT: 13.320 min Scan# 1750  
Delta R.T. -0.005 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

Tgt Ion:172 Resp: 426727  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.6 43.0  
170 24.1 18.6 27.8

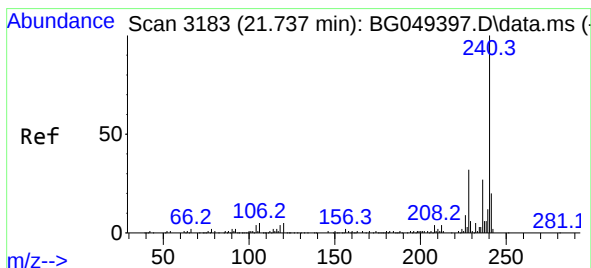
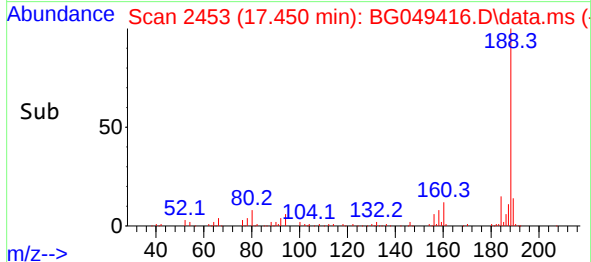
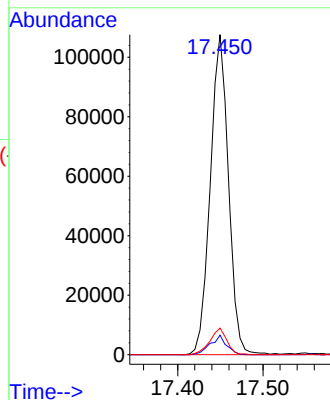
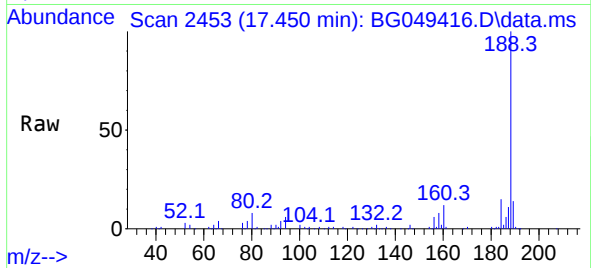




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.450 min Scan# 2453  
Delta R.T. -0.005 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

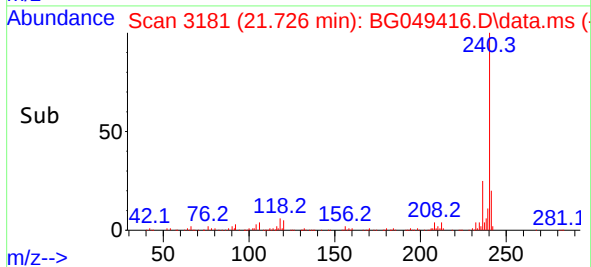
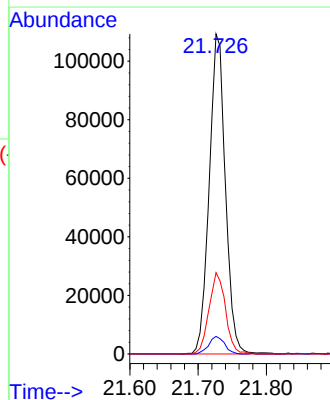
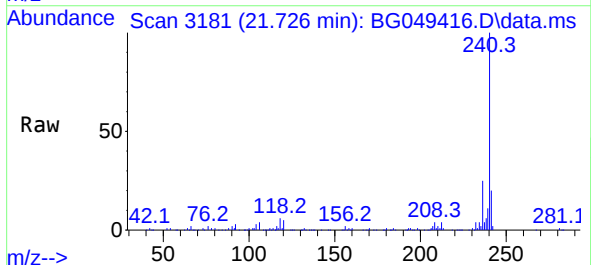
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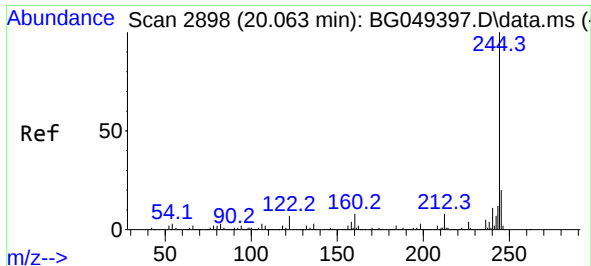
Tgt Ion:188 Resp: 159400  
Ion Ratio Lower Upper  
188 100  
94 6.1 5.4 8.0  
80 8.3 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.726 min Scan# 3181  
Delta R.T. -0.011 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

Tgt Ion:240 Resp: 180274  
Ion Ratio Lower Upper  
240 100  
120 5.5 4.2 6.2  
236 25.4 21.8 32.6

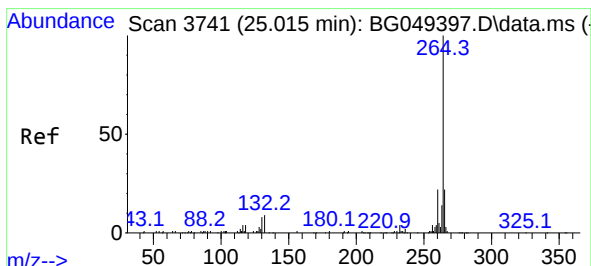
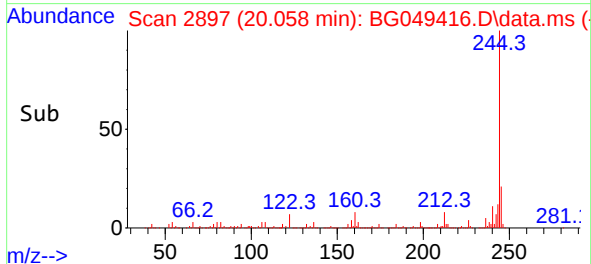
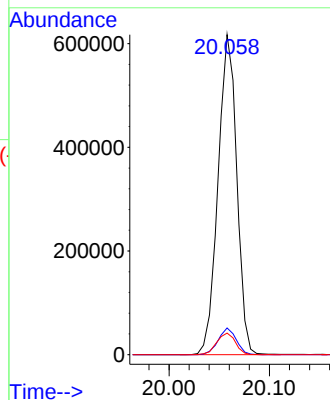
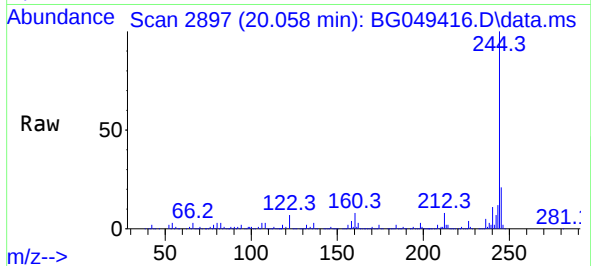




#79  
Terphenyl-d14  
Concen: 86.663 ng  
RT: 20.058 min Scan# 2897  
Delta R.T. -0.005 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

Instrument :  
BNA\_G  
ClientSampleId :  
PB137646BL

Tgt Ion:244 Resp: 799971  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.9 10.3  
122 6.8 5.0 7.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.004 min Scan# 3739  
Delta R.T. -0.011 min  
Lab File: BG049416.D  
Acq: 22 Jul 2021 22:19

Tgt Ion:264 Resp: 185758  
Ion Ratio Lower Upper  
264 100  
260 25.2 19.4 29.2  
265 22.8 16.9 25.3

