

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG100721\  
 Data File : BG050486.D  
 Acq On : 7 Oct 2021 16:49  
 Operator : CG/JU  
 Sample : PB139688BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB139688BL

Quant Time: Oct 07 17:32:06 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 06 15:51:01 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.259  | 152  | 36211    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.085 | 136  | 153620   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.874 | 164  | 104670   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.618 | 188  | 260087   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.919 | 240  | 265564   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.333 | 264  | 251620   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.791  | 112  | 343804   | 141.99 | ng    | 0.00     |
| 7) Phenol-d6                | 7.395  | 99   | 466044   | 132.94 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.428  | 82   | 333680   | 89.92  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.361 | 330  | 140485   | 140.71 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.505 | 172  | 615872   | 88.56  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.209 | 244  | 1174340  | 86.18  | ng    | 0.00     |

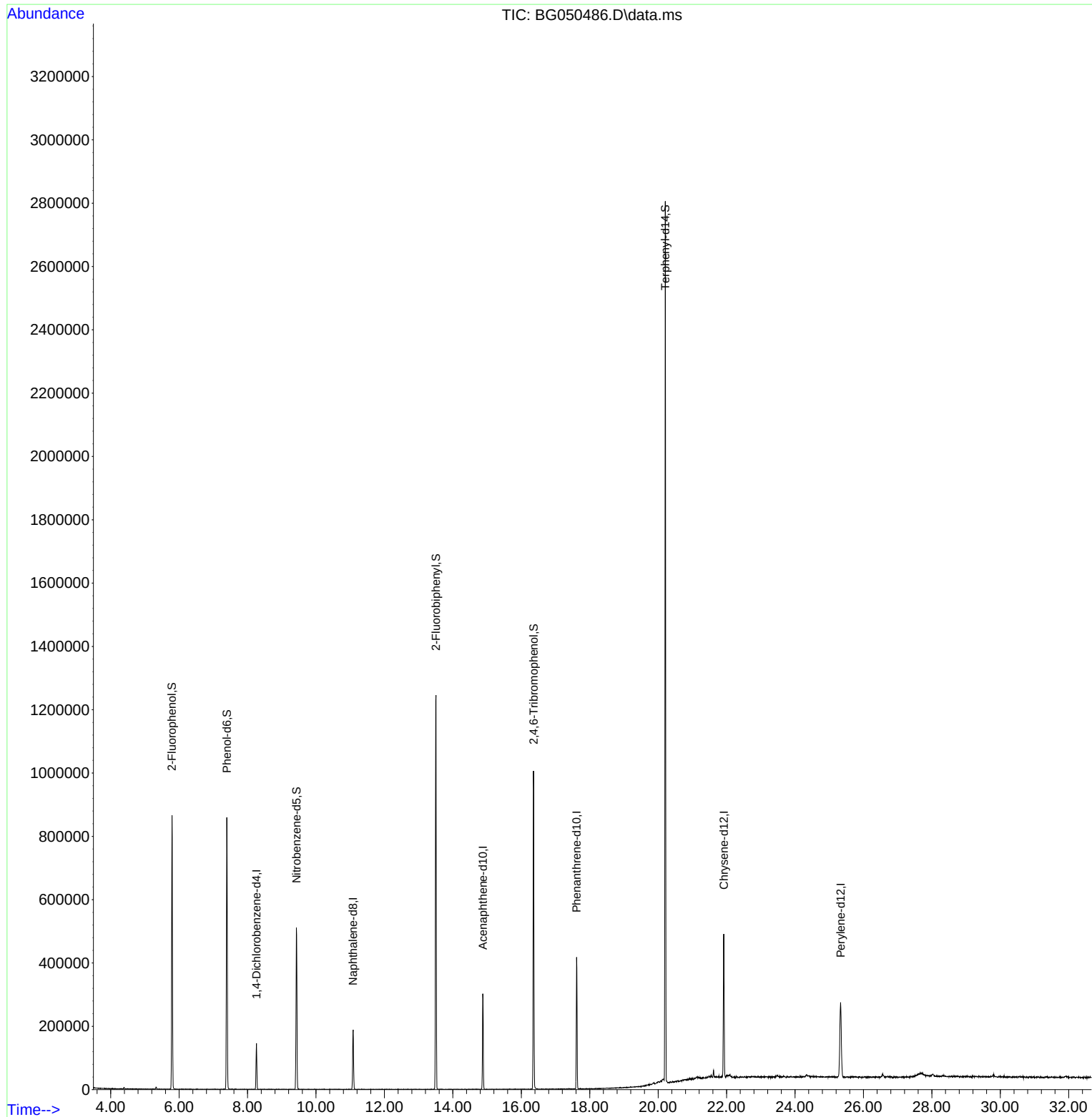
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

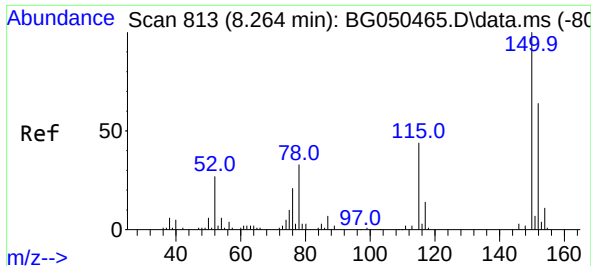
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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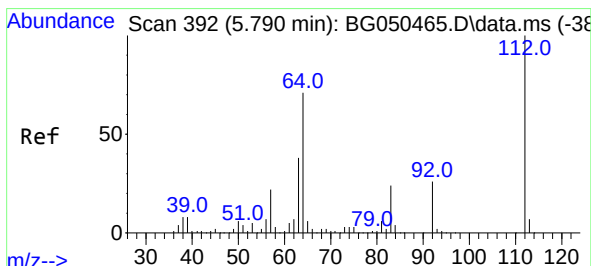
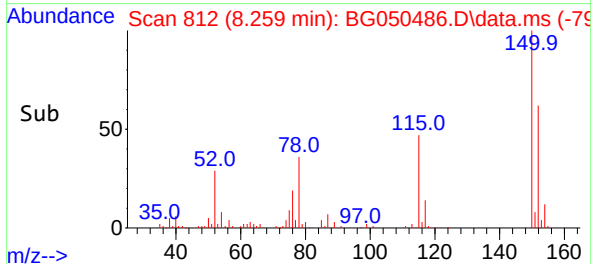
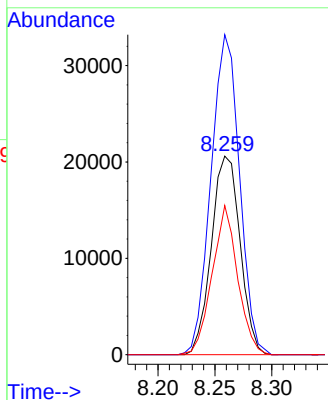
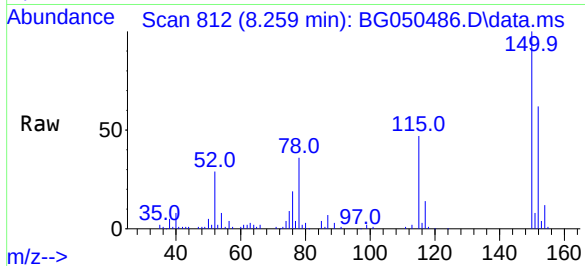




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.259 min Scan# 812  
Delta R.T. -0.005 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

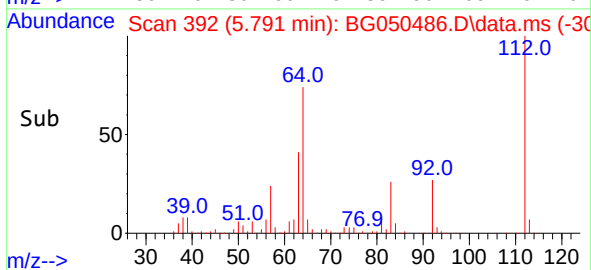
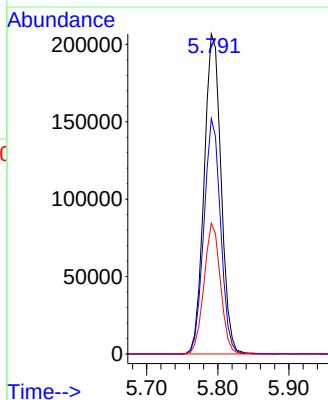
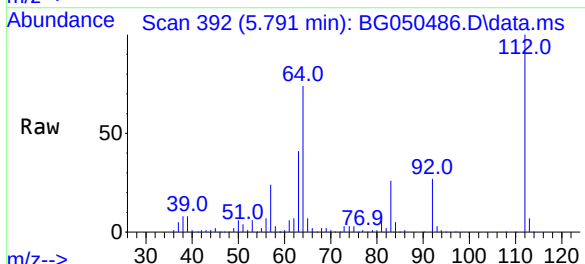
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BNA\_G  
ClientSampleId :  
PB139688BL

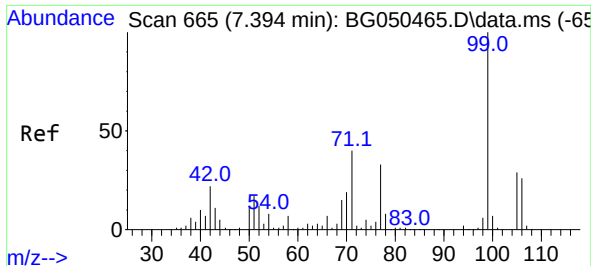
Tgt Ion:152 Resp: 36211  
Ion Ratio Lower Upper  
152 100  
150 161.1 119.4 179.0  
115 75.1 60.2 90.4



#5  
2-Fluorophenol  
Concen: 141.99 ng  
RT: 5.791 min Scan# 392  
Delta R.T. 0.001 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

Tgt Ion:112 Resp: 343804  
Ion Ratio Lower Upper  
112 100  
64 73.6 46.7 70.1#  
63 40.9 35.3 52.9

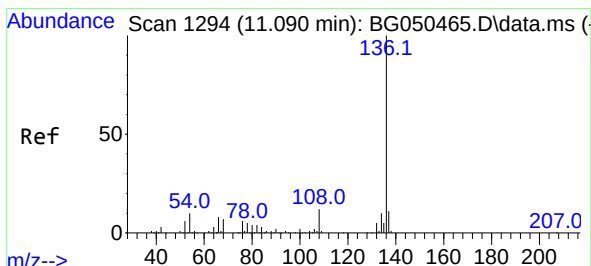
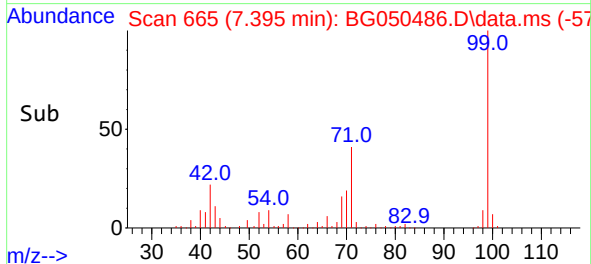
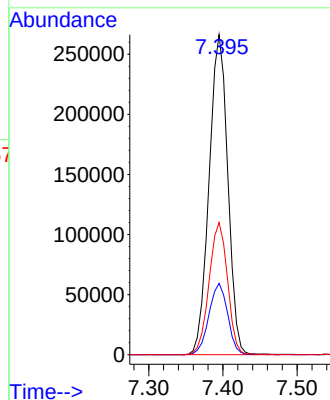
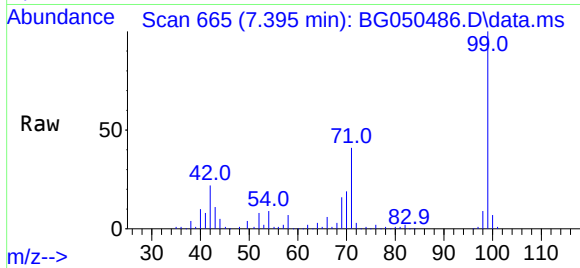




#7  
Phenol-d6  
Concen: 132.94 ng  
RT: 7.395 min Scan# 665  
Delta R.T. 0.001 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

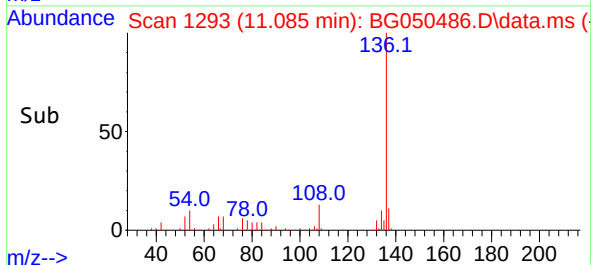
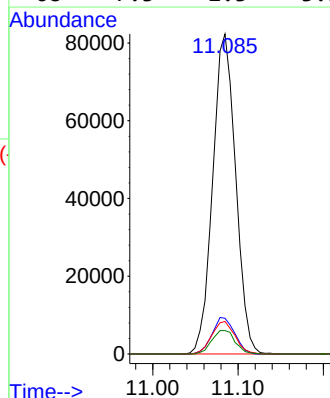
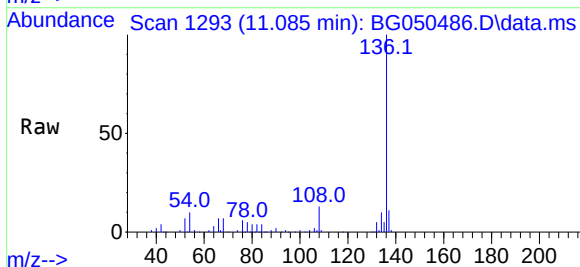
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BNA\_G  
ClientSampleId :  
PB139688BL

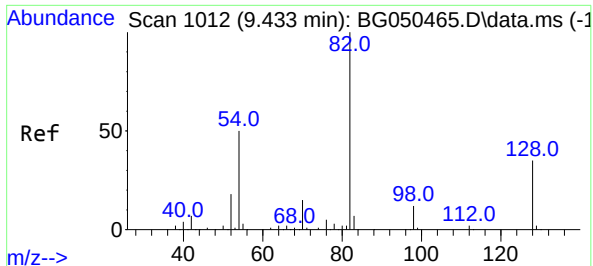
Tgt Ion: 99 Resp: 466044  
Ion Ratio Lower Upper  
99 100  
42 22.3 20.5 30.7  
71 41.3 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.085 min Scan# 1293  
Delta R.T. -0.005 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

Tgt Ion:136 Resp: 153620  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.2 12.2  
54 10.1 5.5 8.3#  
68 7.3 2.3 3.5#

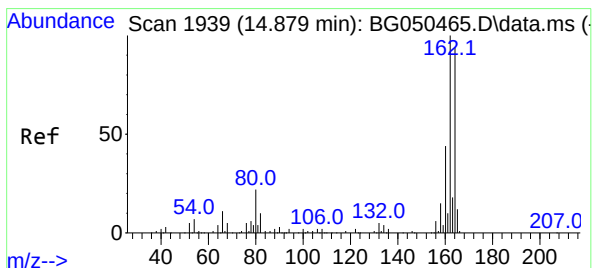
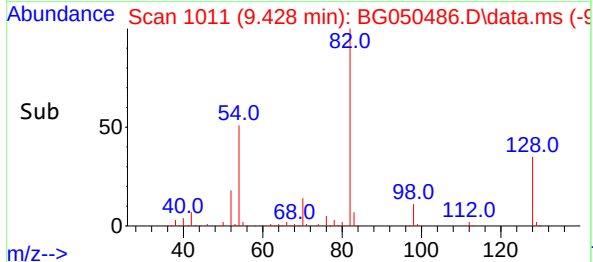
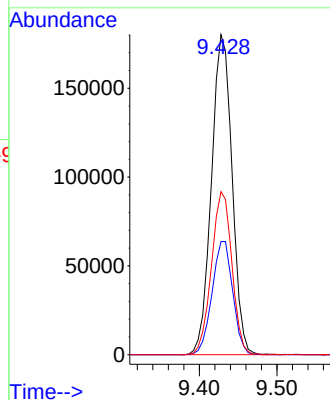
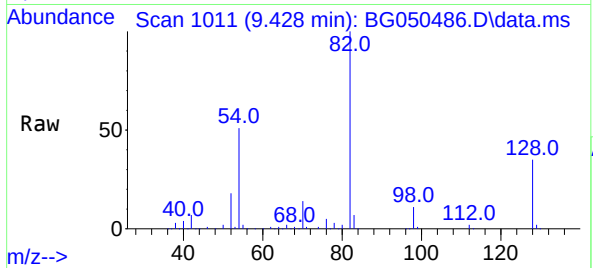




#23  
Nitrobenzene-d5  
Concen: 89.92 ng  
RT: 9.428 min Scan# 1011  
Delta R.T. -0.005 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

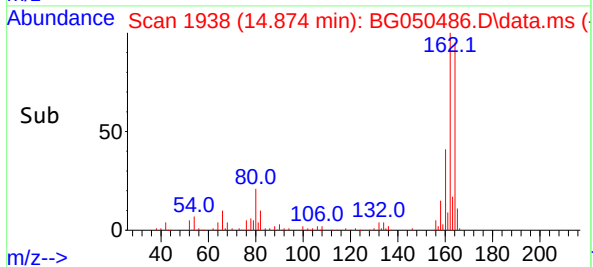
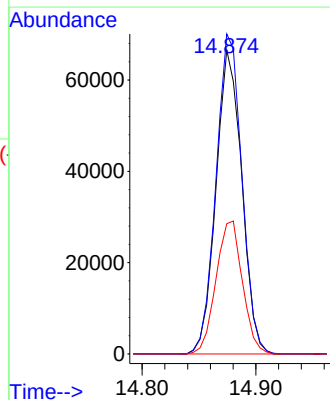
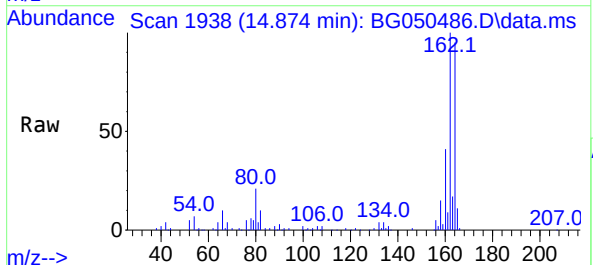
Instrument :  
BNA\_G  
ClientSampleId :  
PB139688BL

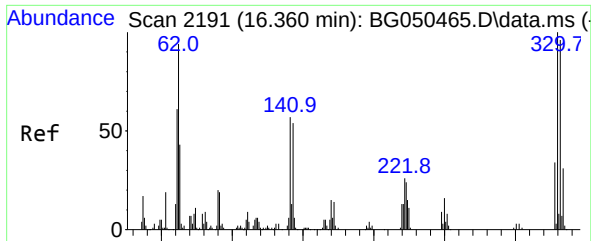
Tgt Ion: 82 Resp: 333680  
Ion Ratio Lower Upper  
82 100  
128 35.3 29.8 44.6  
54 50.9 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.874 min Scan# 1938  
Delta R.T. -0.005 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

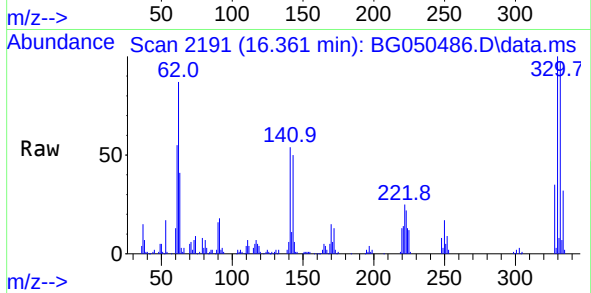
Tgt Ion:164 Resp: 104670  
Ion Ratio Lower Upper  
164 100  
162 105.3 81.4 122.0  
160 42.9 34.9 52.3



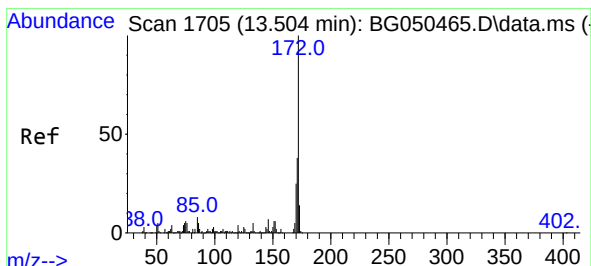
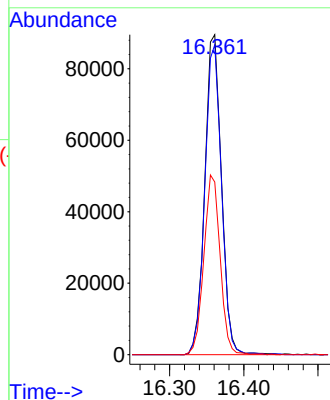
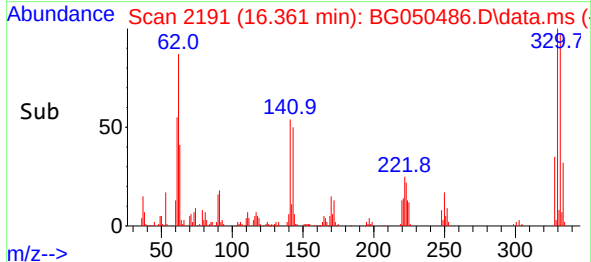


#42  
2,4,6-Tribromophenol  
Concen: 140.71 ng  
RT: 16.361 min Scan# 2191  
Delta R.T. 0.001 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

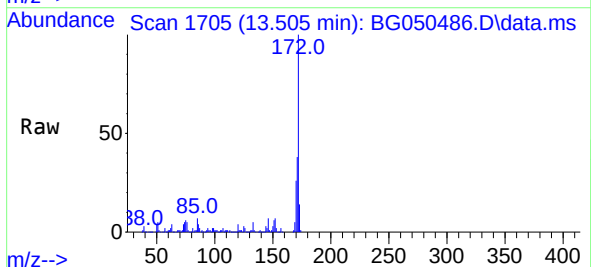
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ClientSampleId :  
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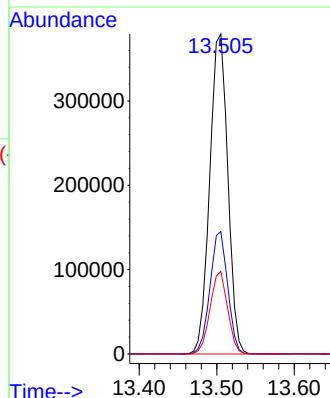
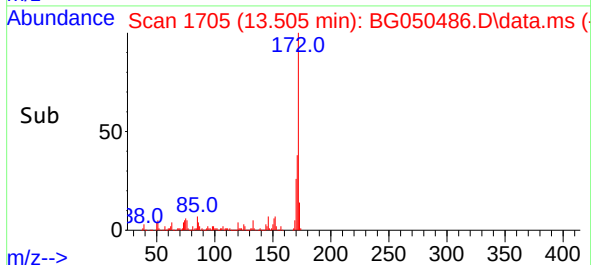
Tgt Ion:330 Resp: 140485  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.3 115.9  
141 54.9 35.6 53.4#

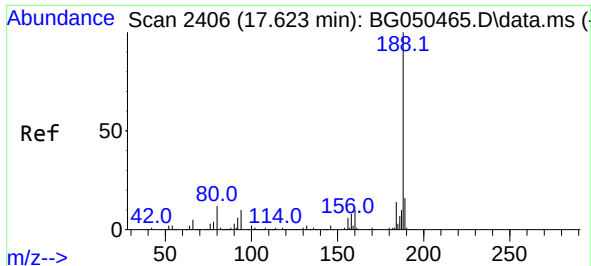


#45  
2-Fluorobiphenyl  
Concen: 88.56 ng  
RT: 13.505 min Scan# 1705  
Delta R.T. 0.001 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49



Tgt Ion:172 Resp: 615872  
Ion Ratio Lower Upper  
172 100  
171 38.2 28.6 43.0  
170 25.8 18.6 27.8

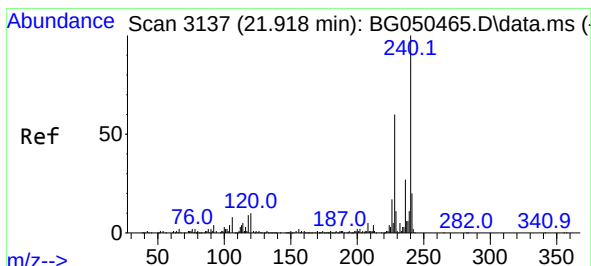
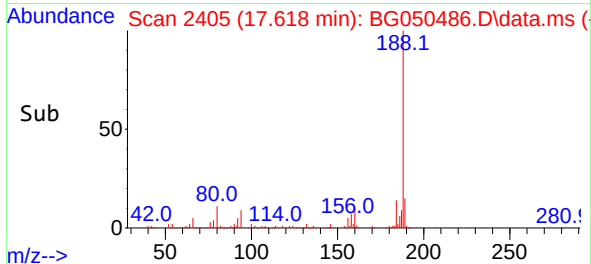
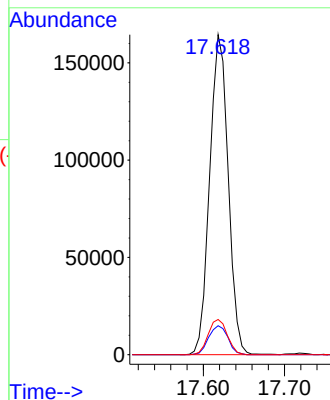
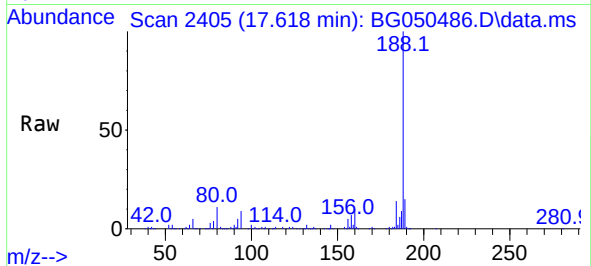




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.618 min Scan# 2405  
Delta R.T. -0.005 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

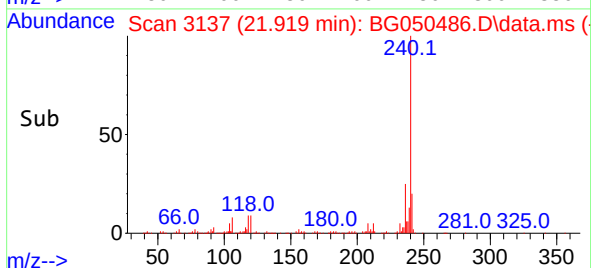
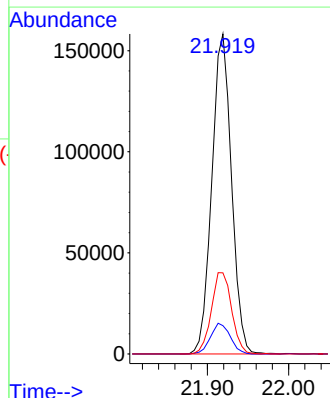
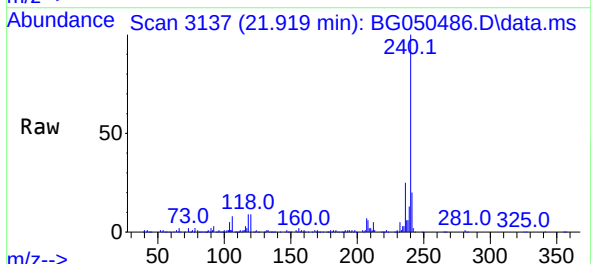
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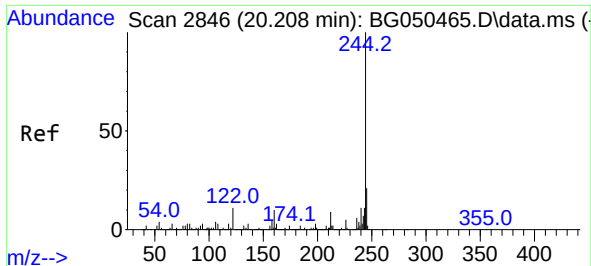
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Ion Ratio Lower Upper  
188 100  
94 9.1 5.4 8.0#  
80 11.0 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.919 min Scan# 3137  
Delta R.T. 0.001 min  
Lab File: BG050486.D  
Acq: 7 Oct 2021 16:49

Tgt Ion:240 Resp: 265564  
Ion Ratio Lower Upper  
240 100  
120 8.9 4.2 6.2#  
236 25.4 21.8 32.6

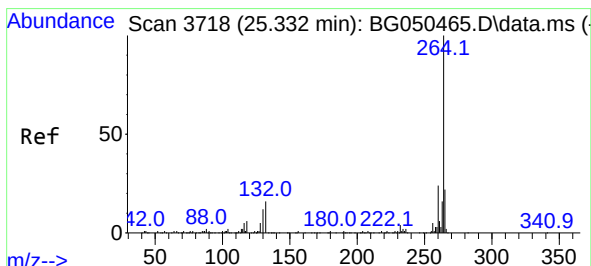
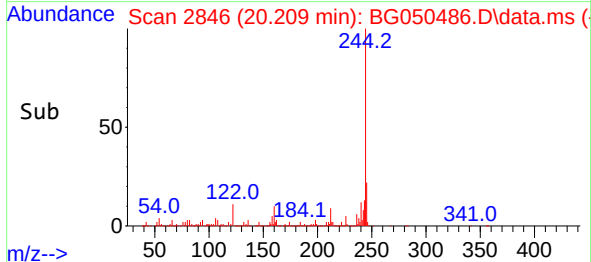
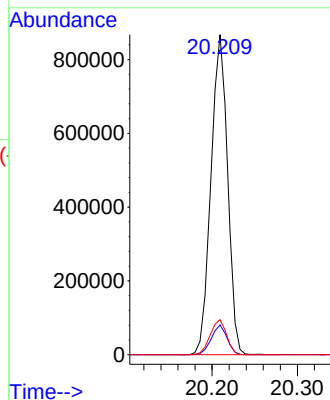
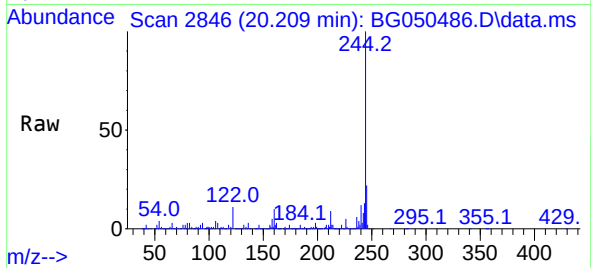




#79  
 Terphenyl-d14  
 Concen: 86.18 ng  
 RT: 20.209 min Scan# 2846  
 Delta R.T. 0.001 min  
 Lab File: BG050486.D  
 Acq: 7 Oct 2021 16:49

Instrument :  
 BNA\_G  
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Tgt Ion:244 Resp: 1174340  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 6.9 10.3  
 122 11.0 5.0 7.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.333 min Scan# 3718  
 Delta R.T. 0.001 min  
 Lab File: BG050486.D  
 Acq: 7 Oct 2021 16:49

Tgt Ion:264 Resp: 251620  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 19.4 29.2  
 265 22.2 16.9 25.3

