

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101221\  
 Data File : BG050561.D  
 Acq On : 12 Oct 2021 20:34  
 Operator : CG/JU  
 Sample : M4169-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P287-DITCH

Quant Time: Oct 13 04:43:37 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  | 48785    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.085 | 136  | 224482   | 20.00 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.875 | 164  | 152169   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.619 | 188  | 315331   | 20.00 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.919 | 240  | 275835   | 20.00 | ng    | # 0.00   |
| 86) Perylene-d12            | 25.327 | 264  | 270477   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 5) 2-Fluorophenol           | 5.797  | 112  | 121791   | 37.34 | ng    | 0.00     |
| 7) Phenol-d6                | 7.401  | 99   | 120348   | 25.48 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.428  | 82   | 419217   | 77.31 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.355 | 330  | 77381    | 53.31 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.500 | 172  | 741326   | 73.32 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.210 | 244  | 1009549  | 71.33 | ng    | 0.00     |

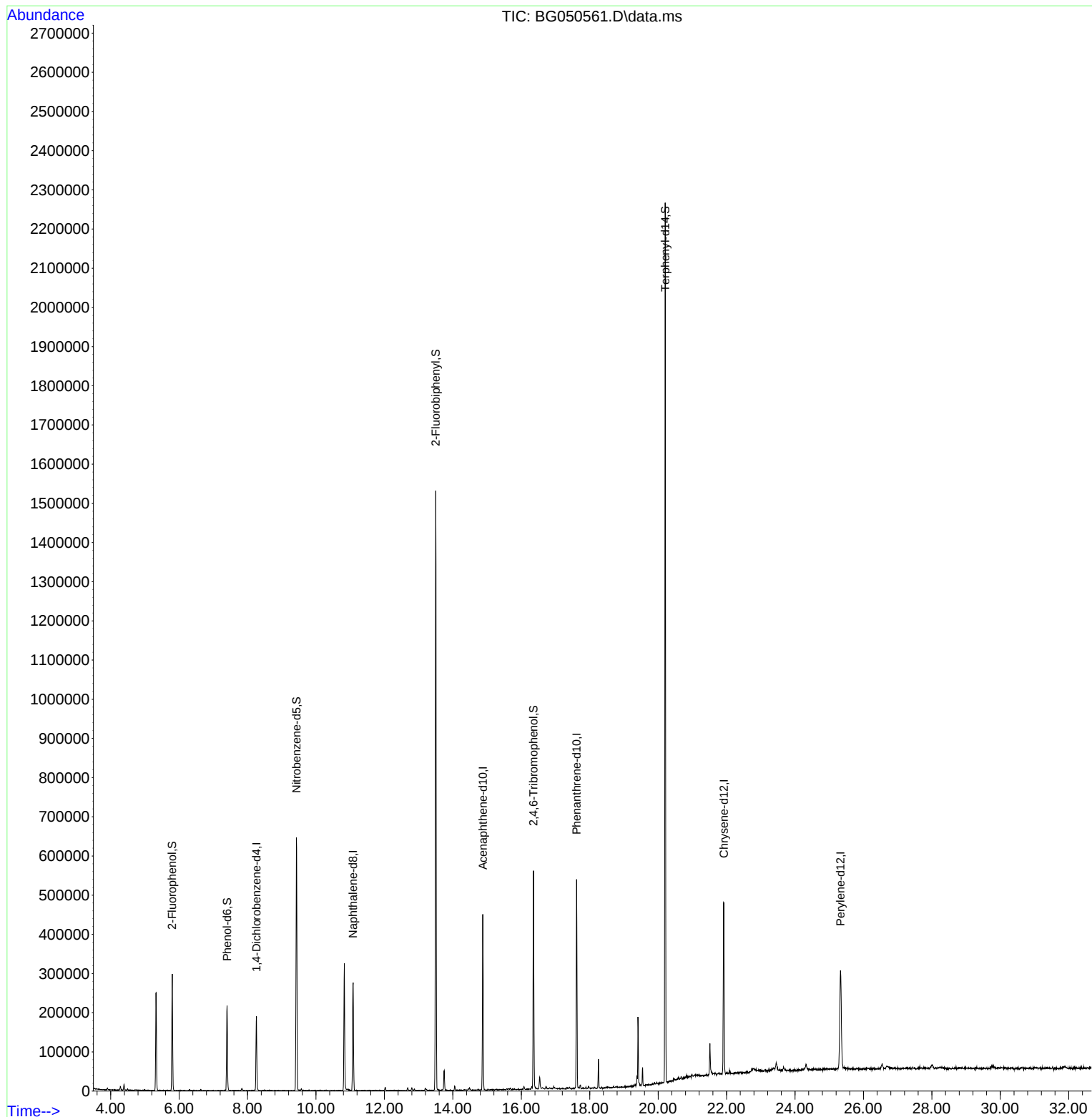
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

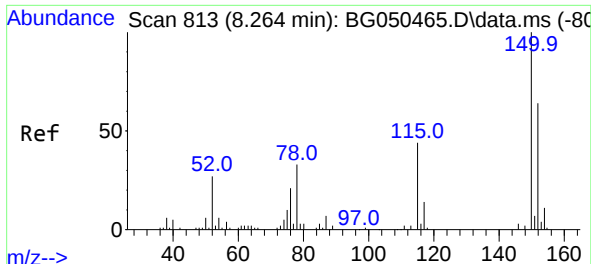
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 06 15:51:01 2021  
Response via : Initial Calibration

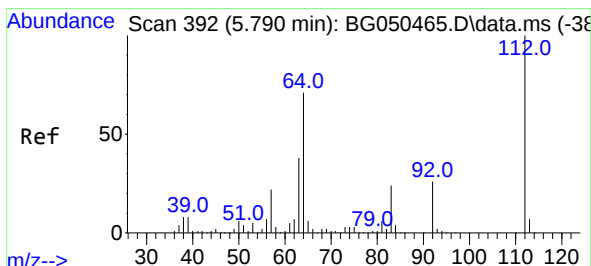
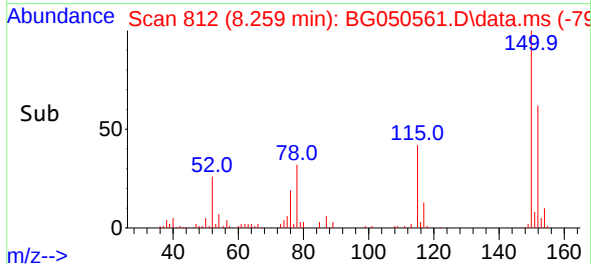
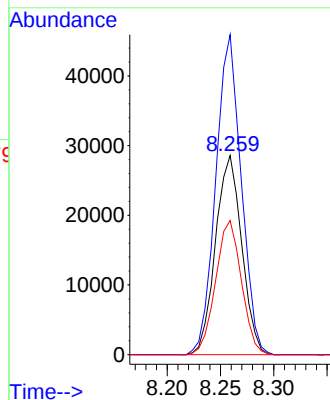
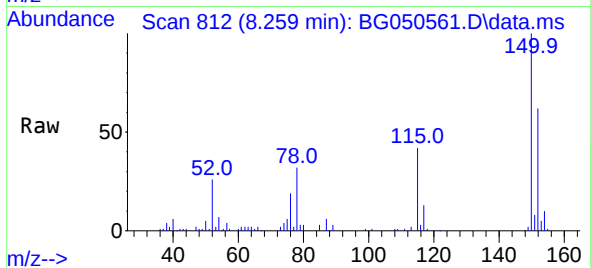




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.259 min Scan# 812  
Delta R.T. -0.005 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

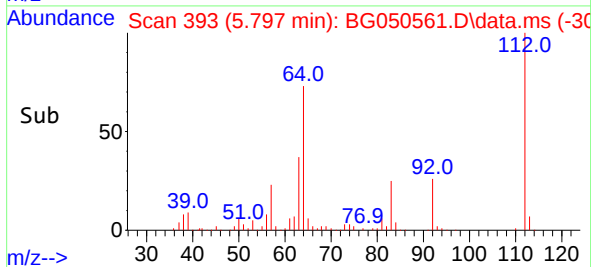
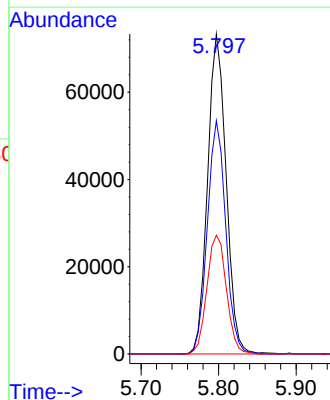
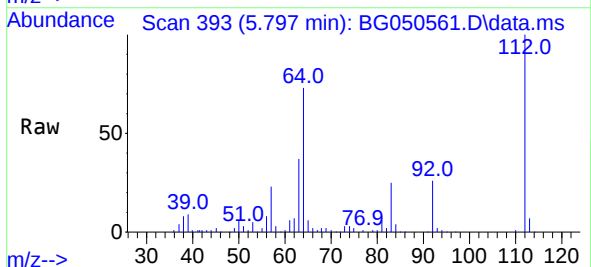
Instrument :  
BNA\_G  
ClientSampleId :  
P287-DITCH

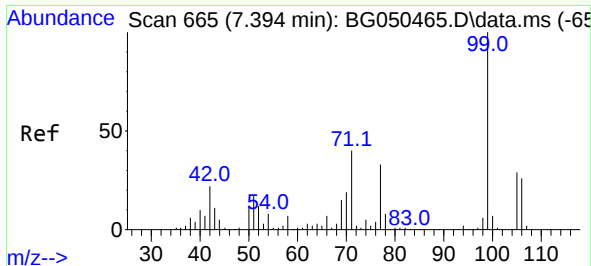
Tgt Ion:152 Resp: 48785  
Ion Ratio Lower Upper  
152 100  
150 160.6 119.4 179.0  
115 67.4 60.2 90.4



#5  
2-Fluorophenol  
Concen: 37.34 ng  
RT: 5.797 min Scan# 393  
Delta R.T. 0.007 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

Tgt Ion:112 Resp: 121791  
Ion Ratio Lower Upper  
112 100  
64 72.9 46.7 70.1#  
63 37.2 35.3 52.9

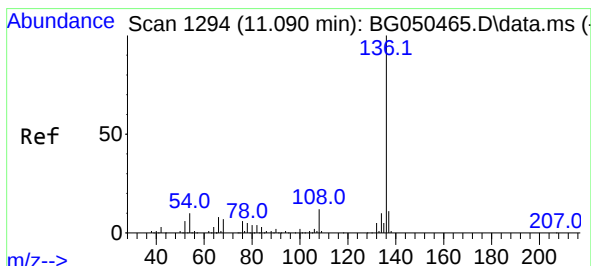
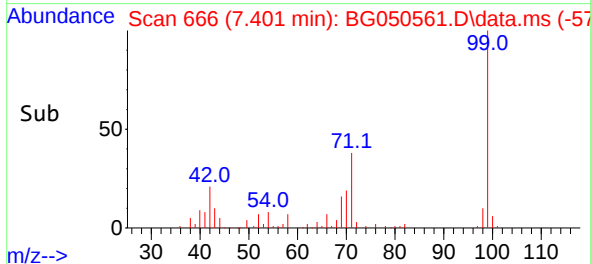
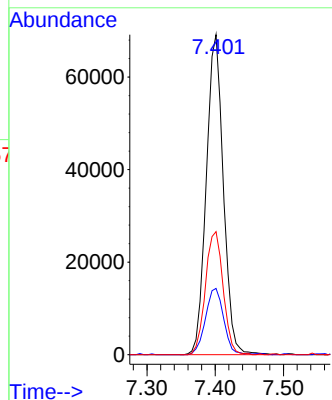
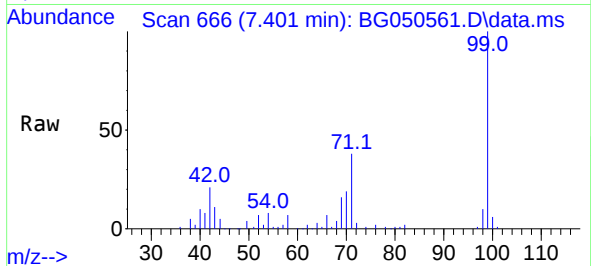




#7  
Phenol-d6  
Concen: 25.48 ng  
RT: 7.401 min Scan# 666  
Delta R.T. 0.007 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

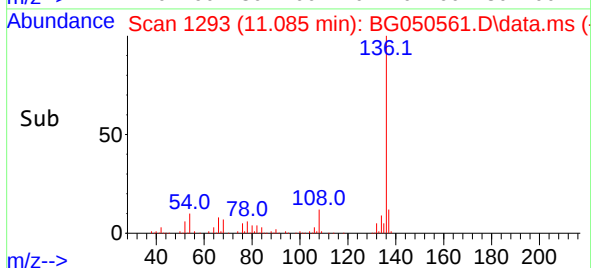
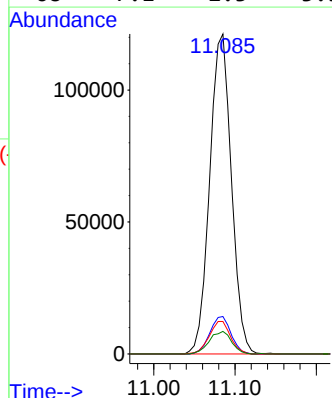
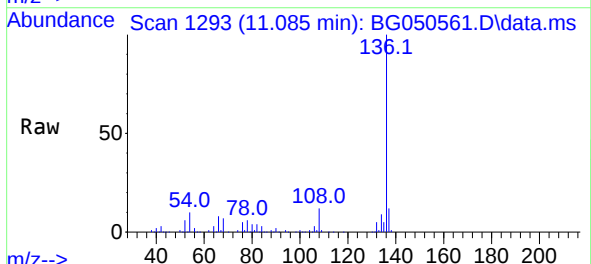
Instrument :  
BNA\_G  
ClientSampleId :  
P287-DITCH

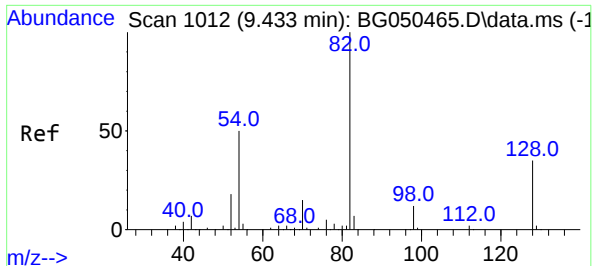
Tgt Ion: 99 Resp: 120348  
Ion Ratio Lower Upper  
99 100  
42 20.7 20.5 30.7  
71 38.4 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.085 min Scan# 1293  
Delta R.T. -0.005 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

Tgt Ion:136 Resp: 224482  
Ion Ratio Lower Upper  
136 100  
137 11.7 8.2 12.2  
54 10.1 5.5 8.3#  
68 7.1 2.3 3.5#



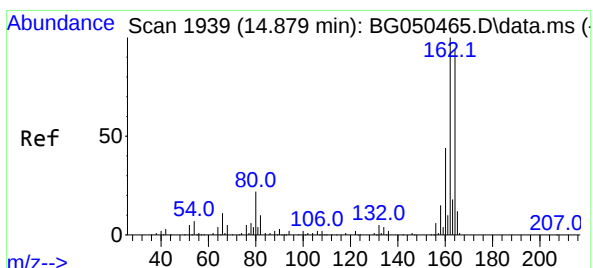
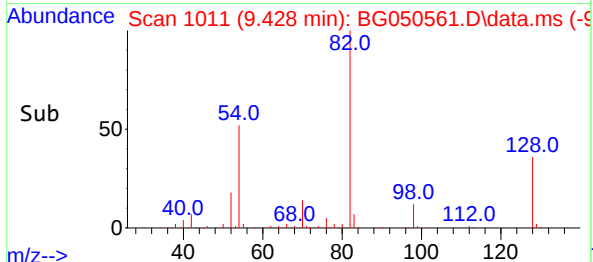
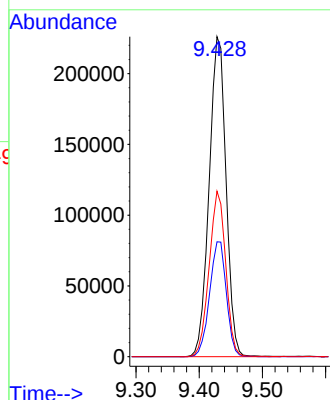
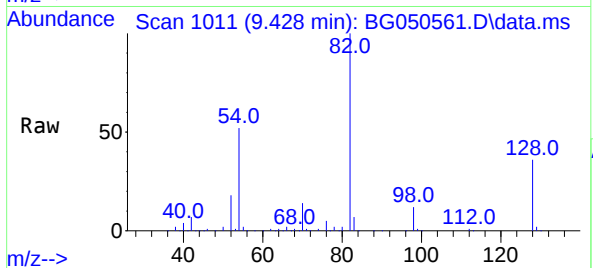


#23  
Nitrobenzene-d5  
Concen: 77.31 ng  
RT: 9.428 min Scan# 1011  
Delta R.T. -0.005 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

Instrument :  
BNA\_G  
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Tgt Ion: 82 Resp: 419217

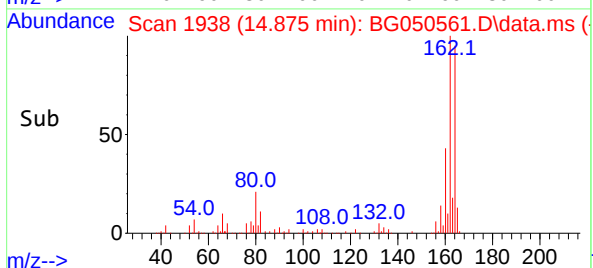
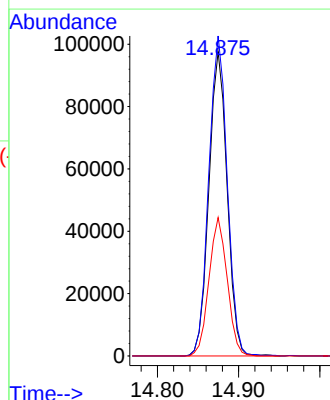
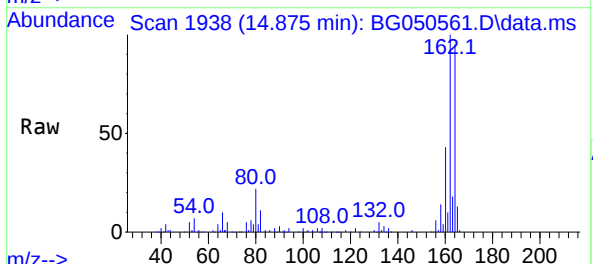
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 35.9  | 29.8  | 44.6  |
| 54  | 51.7  | 45.8  | 68.8  |

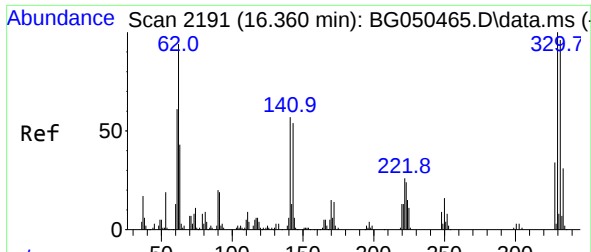


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.875 min Scan# 1938  
Delta R.T. -0.005 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

Tgt Ion: 164 Resp: 152169

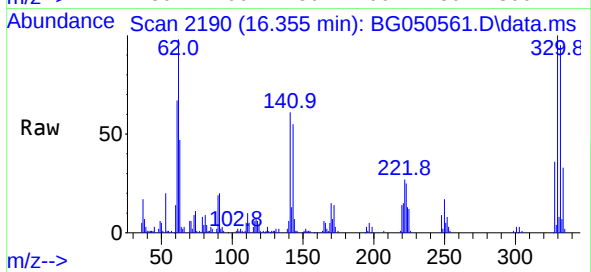
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 105.2 | 81.4  | 122.0 |
| 160 | 45.5  | 34.9  | 52.3  |



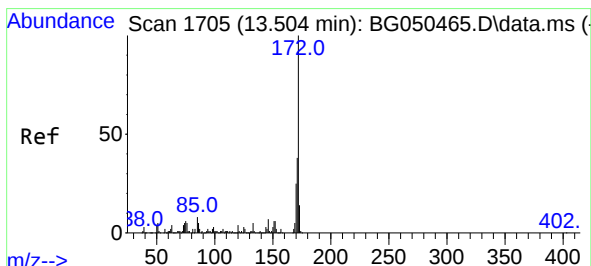
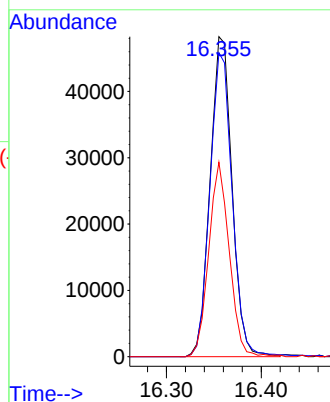
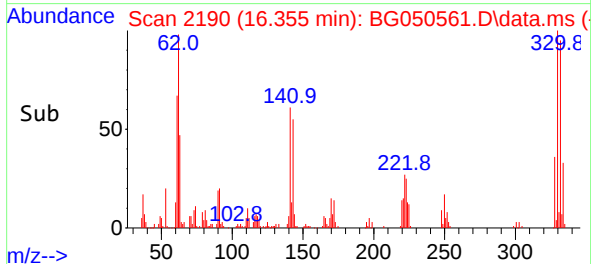


#42  
2,4,6-Tribromophenol  
Concen: 53.31 ng  
RT: 16.355 min Scan# 2190  
Delta R.T. -0.005 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

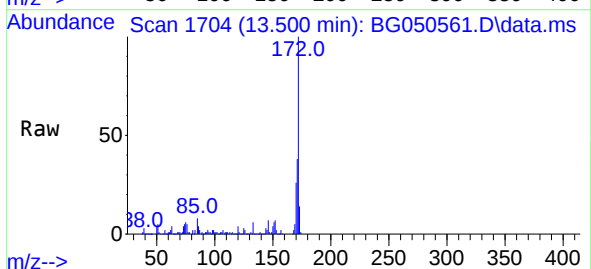
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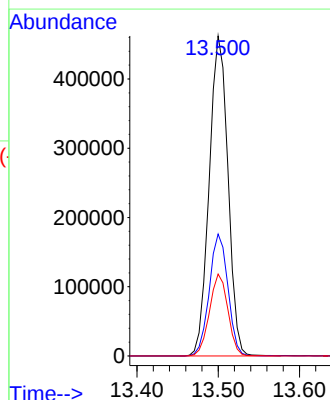
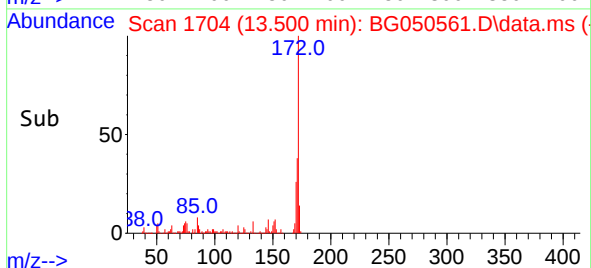
Tgt Ion:330 Resp: 77381  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.3 115.9  
141 57.0 35.6 53.4#

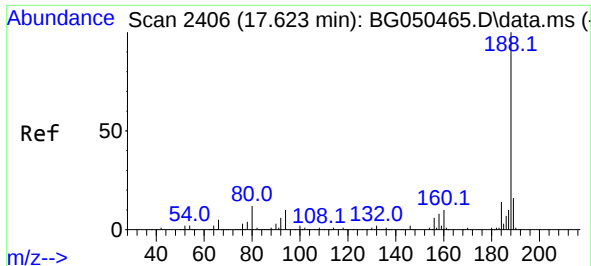


#45  
2-Fluorobiphenyl  
Concen: 73.32 ng  
RT: 13.500 min Scan# 1704  
Delta R.T. -0.005 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34



Tgt Ion:172 Resp: 741326  
Ion Ratio Lower Upper  
172 100  
171 38.1 28.6 43.0  
170 25.6 18.6 27.8

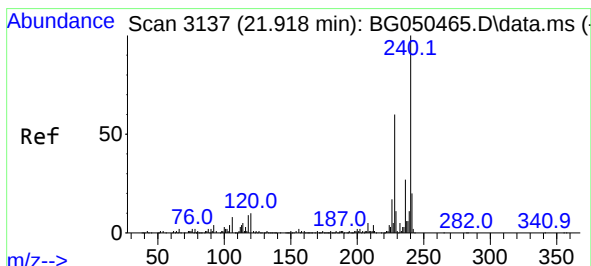
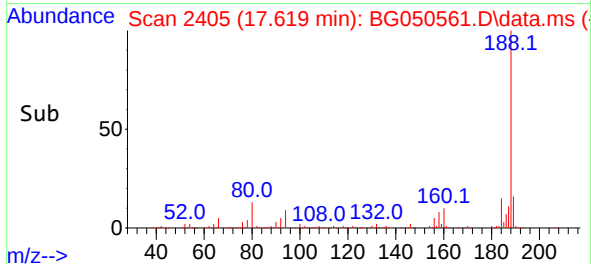
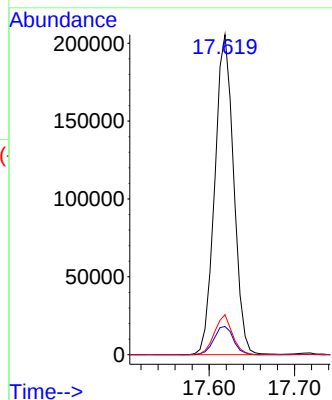
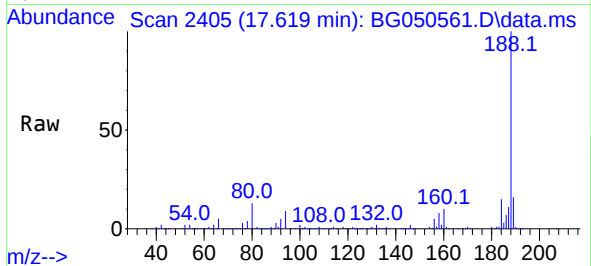




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.619 min Scan# 2405  
Delta R.T. -0.005 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

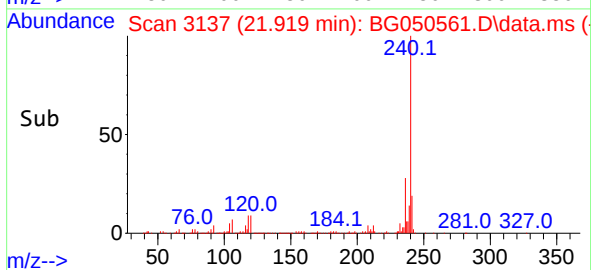
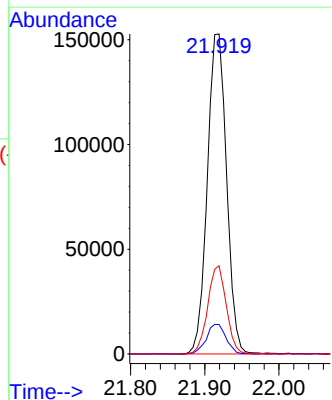
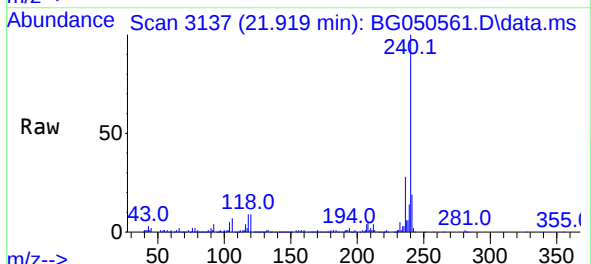
Instrument :  
BNA\_G  
ClientSampleId :  
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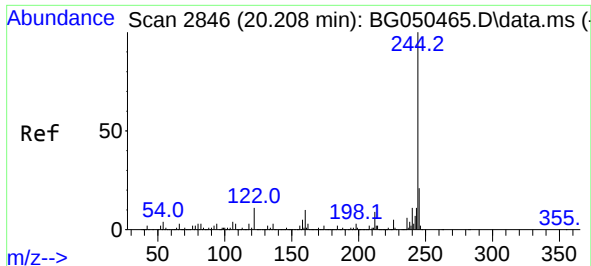
Tgt Ion:188 Resp: 315331  
Ion Ratio Lower Upper  
188 100  
94 8.8 5.4 8.0#  
80 12.5 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.919 min Scan# 3137  
Delta R.T. 0.001 min  
Lab File: BG050561.D  
Acq: 12 Oct 2021 20:34

Tgt Ion:240 Resp: 275835  
Ion Ratio Lower Upper  
240 100  
120 9.2 4.2 6.2#  
236 27.6 21.8 32.6

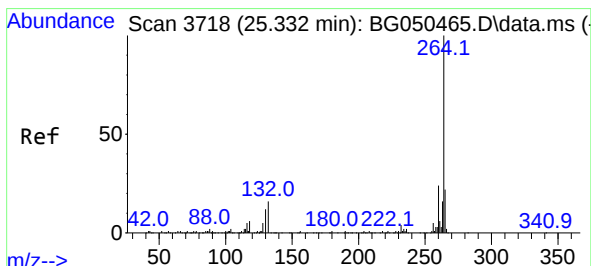
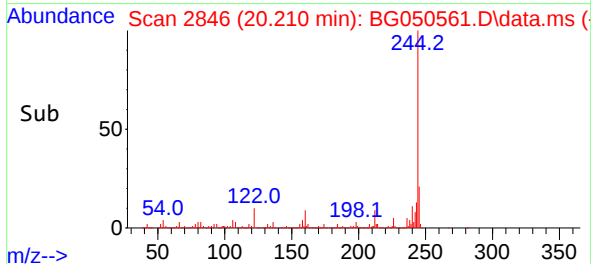
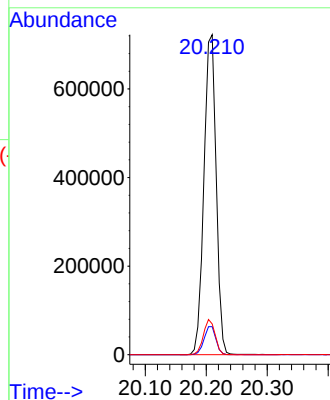
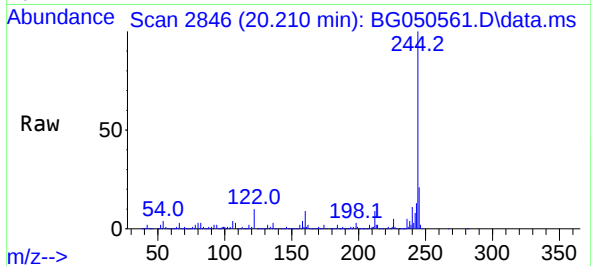




#79  
 Terphenyl-d14  
 Concen: 71.33 ng  
 RT: 20.210 min Scan# 2846  
 Delta R.T. 0.001 min  
 Lab File: BG050561.D  
 Acq: 12 Oct 2021 20:34

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P287-DITCH

Tgt Ion:244 Resp: 1009549  
 Ion Ratio Lower Upper  
 244 100  
 212 8.7 6.9 10.3  
 122 9.6 5.0 7.6#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.327 min Scan# 3717  
 Delta R.T. -0.005 min  
 Lab File: BG050561.D  
 Acq: 12 Oct 2021 20:34

Tgt Ion:264 Resp: 270477  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.4 29.2  
 265 21.1 16.9 25.3

