

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082922\  
 Data File : BG054771.D  
 Acq On : 29 Aug 2022 13:52  
 Operator : CG/JU  
 Sample : N4355-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-35

Quant Time: Aug 30 02:46:52 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

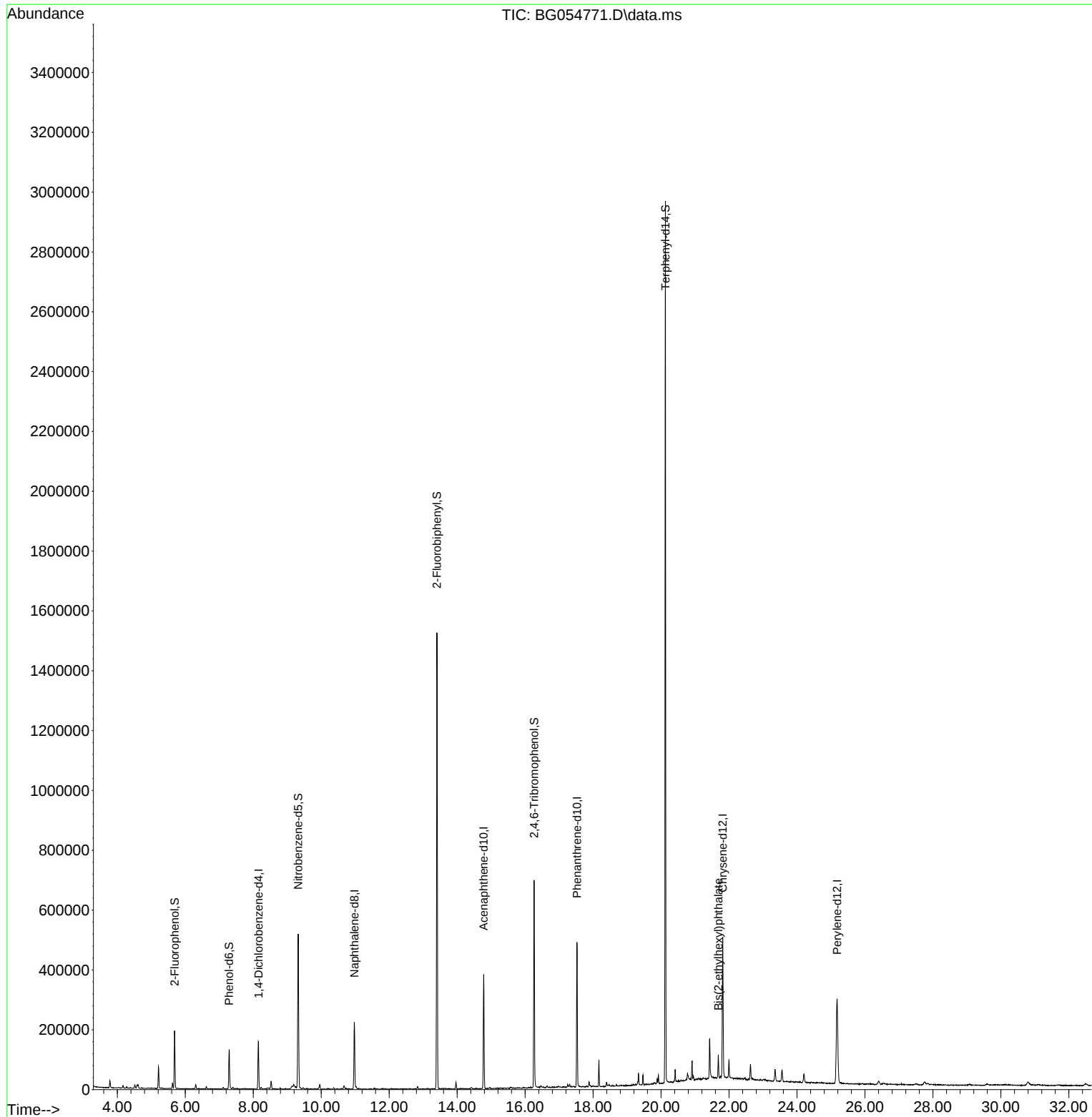
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|--------|-------|-----------|
| -----                         |        |      |          |        |       |           |
| Internal Standards            |        |      |          |        |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 8.152  | 152  | 47668    | 20.000 | ng    | 0.00      |
| 21) Naphthalene-d8            | 10.972 | 136  | 195405   | 20.000 | ng    | 0.00      |
| 39) Acenaphthene-d10          | 14.780 | 164  | 134007   | 20.000 | ng    | 0.00      |
| 64) Phenanthrene-d10          | 17.523 | 188  | 312377   | 20.000 | ng    | 0.00      |
| 76) Chrysene-d12              | 21.812 | 240  | 300964   | 20.000 | ng    | -0.01     |
| 86) Perylene-d12              | 25.179 | 264  | 318445   | 20.000 | ng    | -0.02     |
| System Monitoring Compounds   |        |      |          |        |       |           |
| 5) 2-Fluorophenol             | 5.684  | 112  | 89286    | 32.617 | ng    | 0.00      |
| 7) Phenol-d6                  | 7.288  | 99   | 81848    | 21.863 | ng    | 0.00      |
| 23) Nitrobenzene-d5           | 9.321  | 82   | 328628   | 88.287 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol      | 16.266 | 330  | 149835   | 89.480 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl          | 13.405 | 172  | 808050   | 90.630 | ng    | 0.00      |
| 79) Terphenyl-d14             | 20.126 | 244  | 1411738  | 92.941 | ng    | 0.00      |
| Target Compounds              |        |      |          |        |       |           |
| 84) Bis(2-ethylhexyl)phtha... | 21.683 | 149  | 32037    | 2.540  | ng    | Qvalue 99 |
| -----                         |        |      |          |        |       |           |

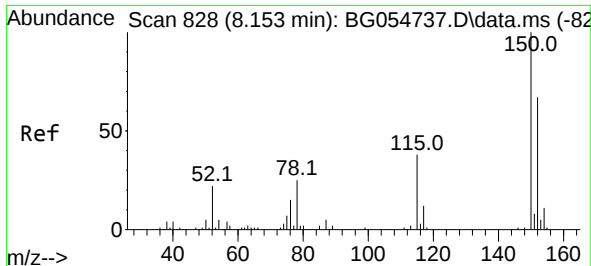
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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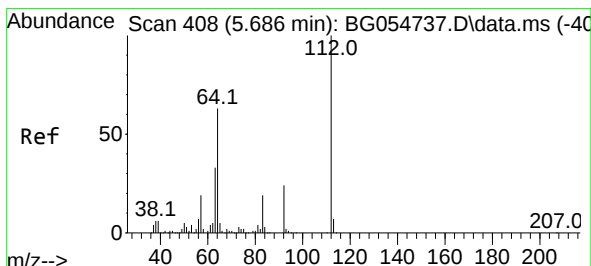
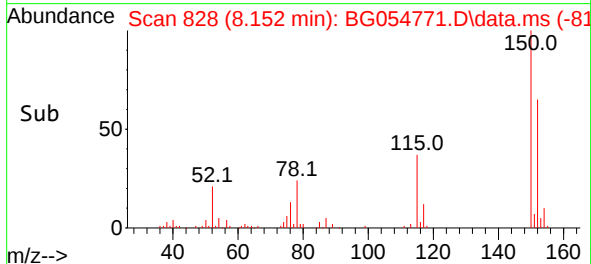
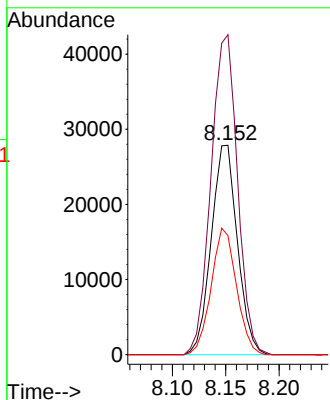
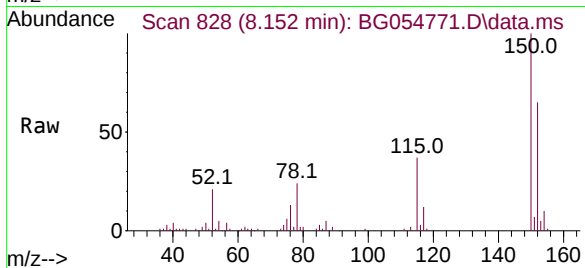




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.152 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

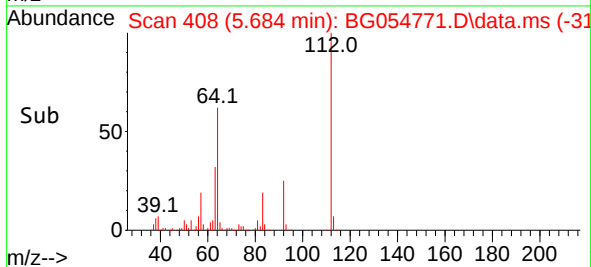
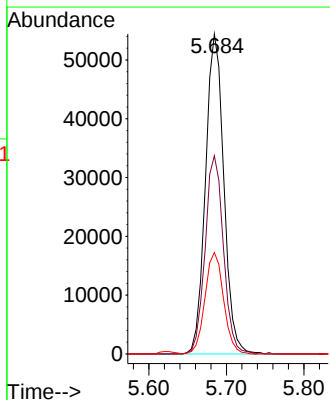
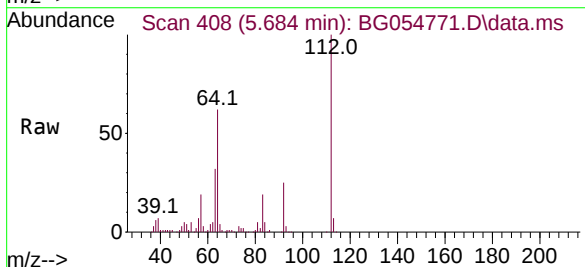
Instrument :  
BNA\_G  
ClientSampleId :  
MW-35

Tgt Ion:152 Resp: 47668  
Ion Ratio Lower Upper  
152 100  
150 152.9 125.2 187.8  
115 56.9 47.9 71.9



#5  
2-Fluorophenol  
Concen: 32.617 ng  
RT: 5.684 min Scan# 408  
Delta R.T. -0.001 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

Tgt Ion:112 Resp: 89286  
Ion Ratio Lower Upper  
112 100  
64 61.9 49.3 73.9  
63 31.7 26.3 39.5

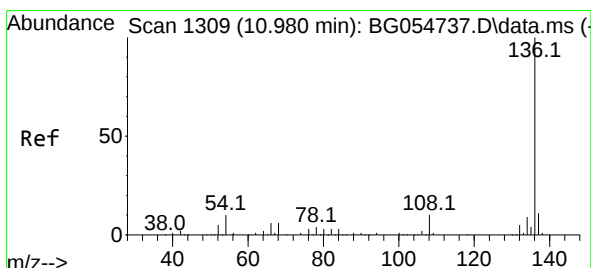
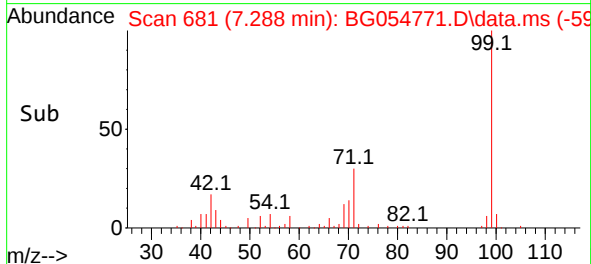
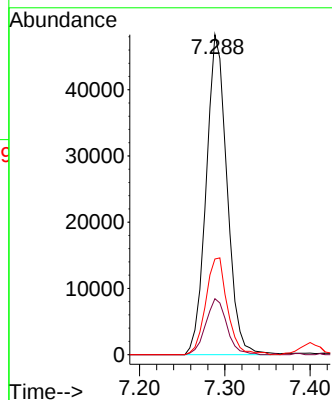
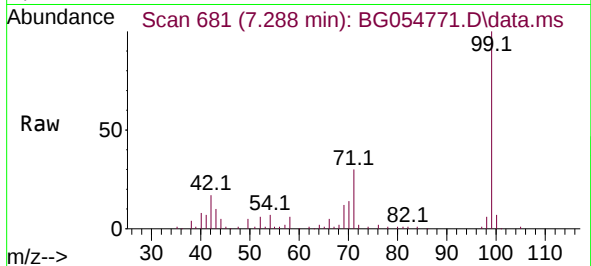




#7  
Phenol-d6  
Concen: 21.863 ng  
RT: 7.288 min Scan# 681  
Delta R.T. -0.007 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

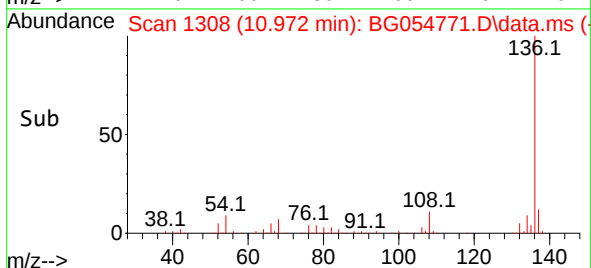
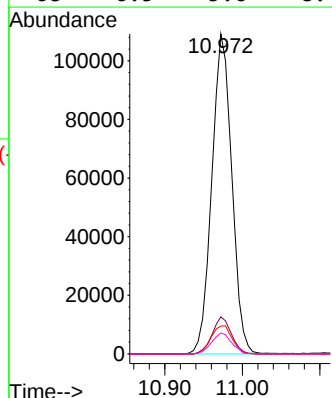
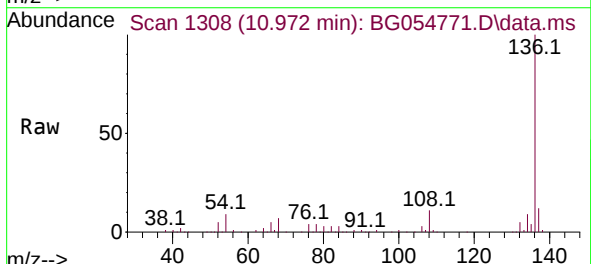
Instrument :  
BNA\_G  
ClientSampleId :  
MW-35

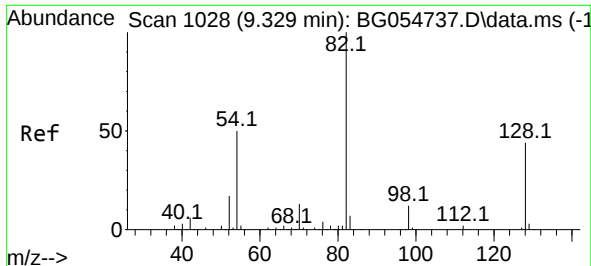
Tgt Ion: 99 Resp: 81848  
Ion Ratio Lower Upper  
99 100  
42 17.5 14.6 22.0  
71 29.9 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.972 min Scan# 1308  
Delta R.T. -0.008 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

Tgt Ion: 136 Resp: 195405  
Ion Ratio Lower Upper  
136 100  
137 11.6 9.2 13.8  
54 8.7 7.7 11.5  
68 6.5 5.6 8.4

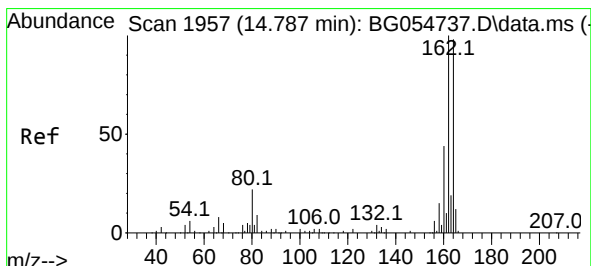
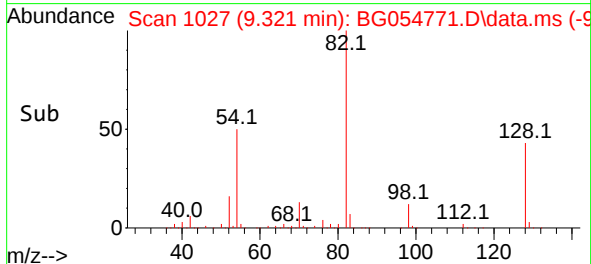
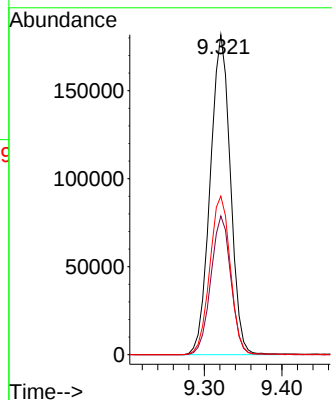
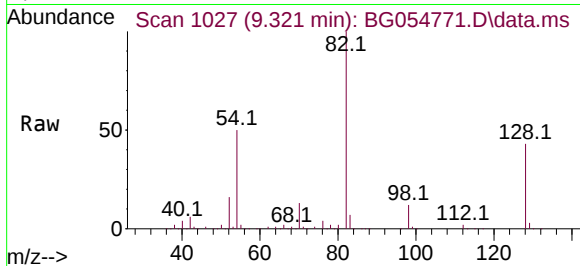




#23  
Nitrobenzene-d5  
Concen: 88.287 ng  
RT: 9.321 min Scan# 1027  
Delta R.T. -0.007 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

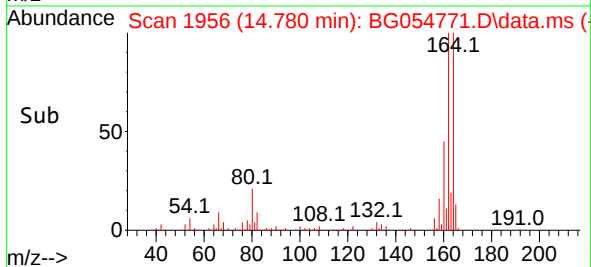
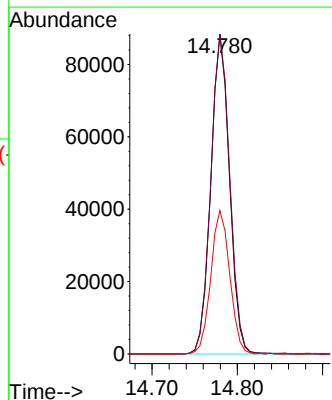
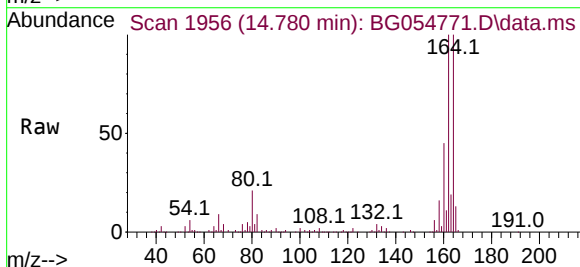
Instrument :  
BNA\_G  
ClientSampleId :  
MW-35

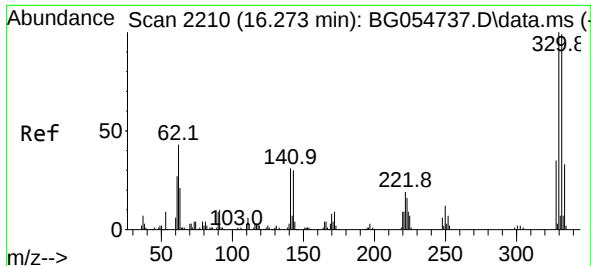
Tgt Ion: 82 Resp: 328628  
Ion Ratio Lower Upper  
82 100  
128 43.3 32.2 48.2  
54 49.5 41.4 62.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.780 min Scan# 1956  
Delta R.T. -0.007 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

Tgt Ion:164 Resp: 134007  
Ion Ratio Lower Upper  
164 100  
162 100.3 83.0 124.4  
160 44.9 38.0 57.0

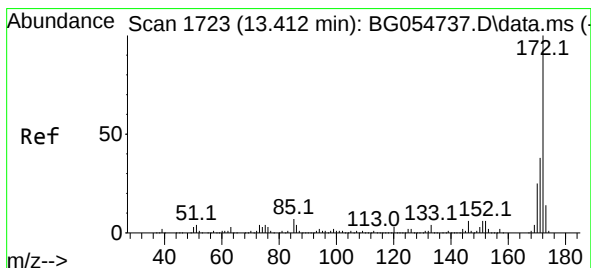
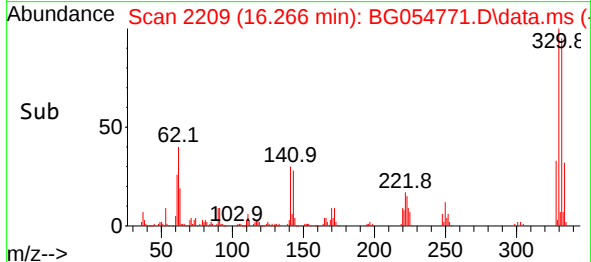
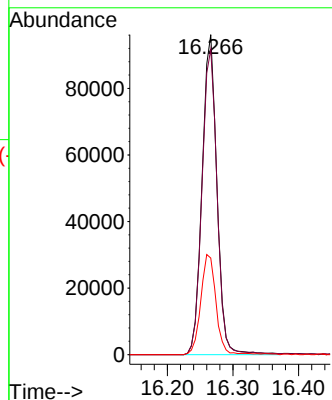
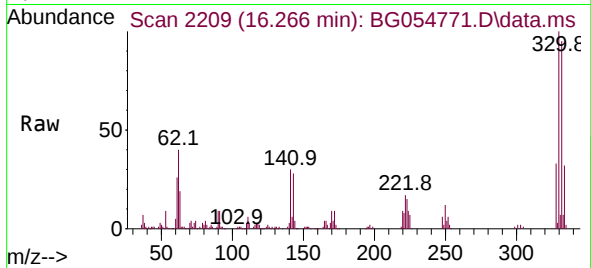




#42  
2,4,6-Tribromophenol  
Concen: 89.480 ng  
RT: 16.266 min Scan# 21  
Delta R.T. -0.007 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

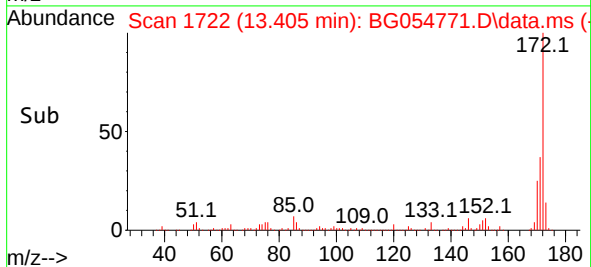
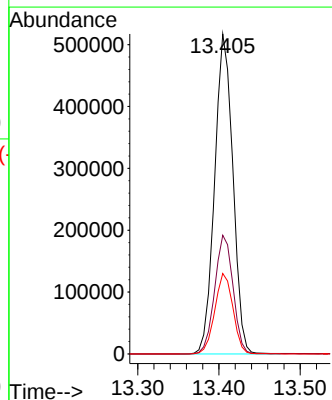
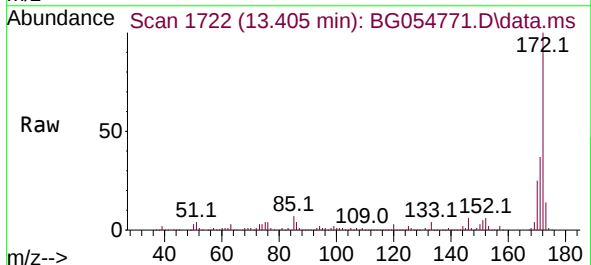
Instrument :  
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ClientSampleId :  
MW-35

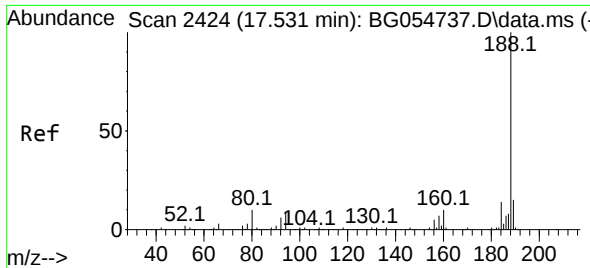
Tgt Ion:330 Resp: 149835  
Ion Ratio Lower Upper  
330 100  
332 97.6 79.8 119.6  
141 32.0 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 90.630 ng  
RT: 13.405 min Scan# 1722  
Delta R.T. -0.007 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

Tgt Ion:172 Resp: 808050  
Ion Ratio Lower Upper  
172 100  
171 37.1 31.2 46.8  
170 25.1 20.6 30.8

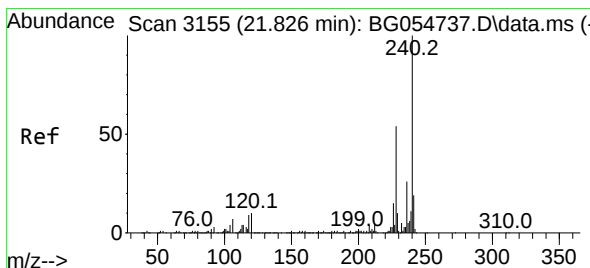
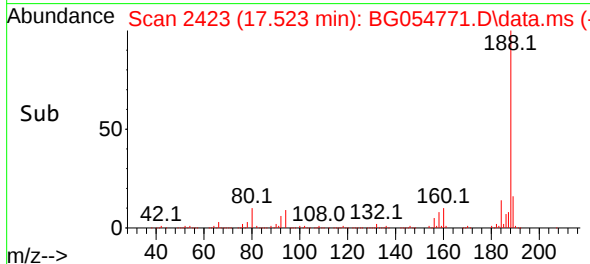
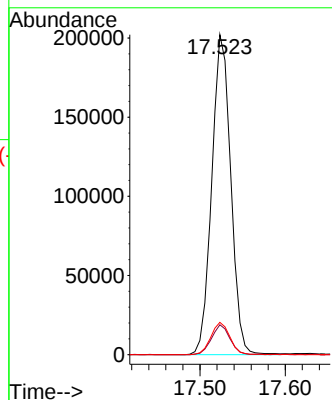
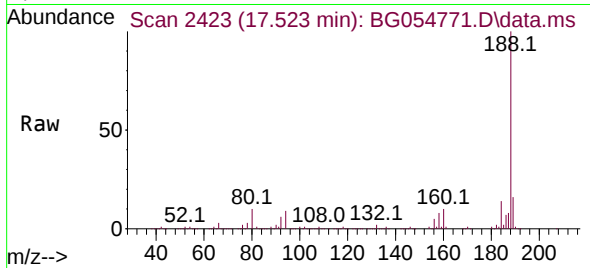




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.523 min Scan# 24  
Delta R.T. -0.007 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

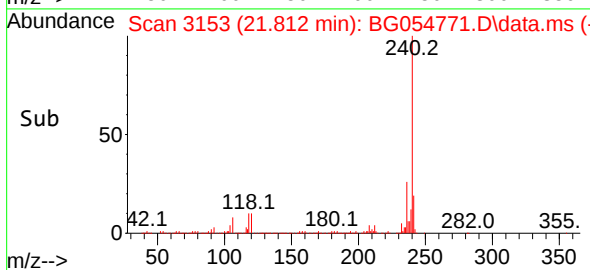
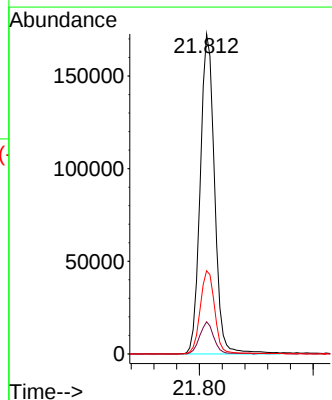
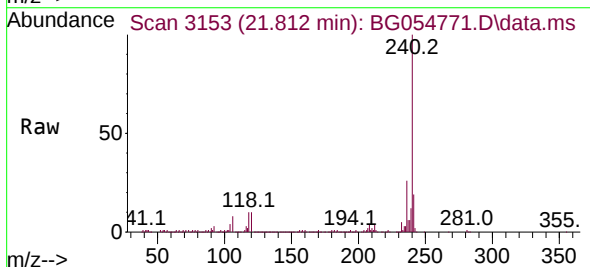
Instrument :  
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ClientSampleId :  
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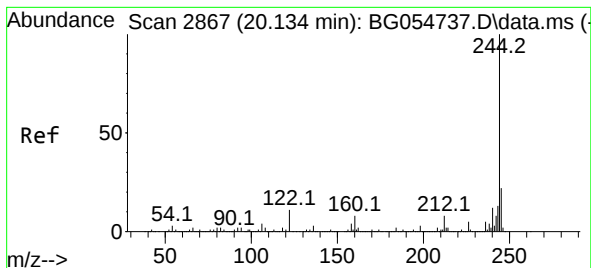
Tgt Ion:188 Resp: 312377  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.0 10.4  
80 10.1 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.812 min Scan# 3153  
Delta R.T. -0.013 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

Tgt Ion:240 Resp: 300964  
Ion Ratio Lower Upper  
240 100  
120 10.0 8.2 12.4  
236 26.0 21.2 31.8





#79

Terphenyl-d14

Concen: 92.941 ng

RT: 20.126 min Scan# 2866

Delta R.T. -0.007 min

Lab File: BG054771.D

Acq: 29 Aug 2022 13:52

Instrument :

BNA\_G

ClientSampleId :

MW-35

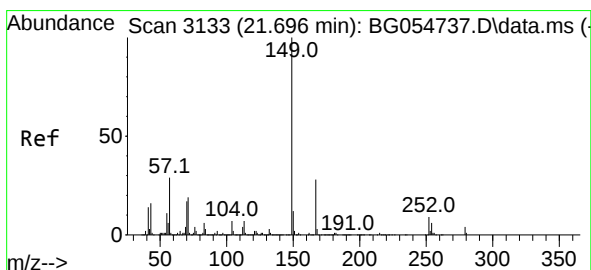
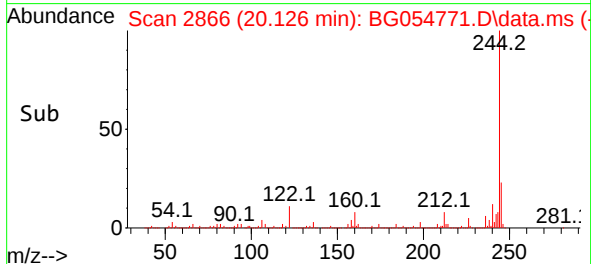
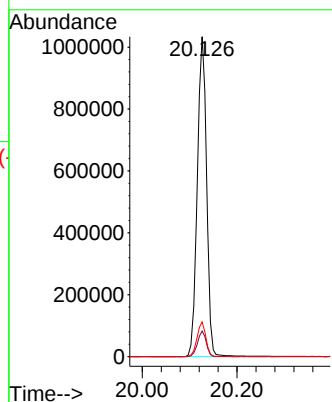
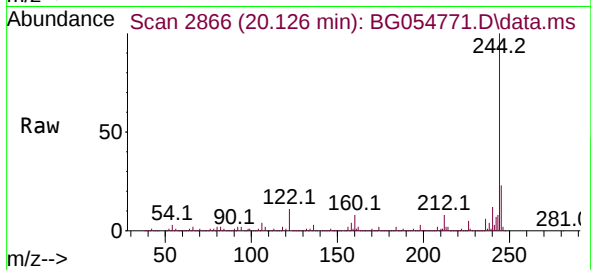
Tgt Ion:244 Resp: 1411738

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 10.8 9.0 13.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.540 ng

RT: 21.683 min Scan# 3131

Delta R.T. -0.013 min

Lab File: BG054771.D

Acq: 29 Aug 2022 13:52

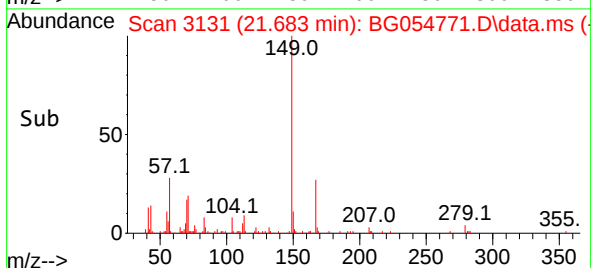
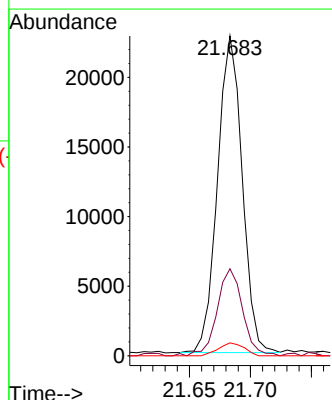
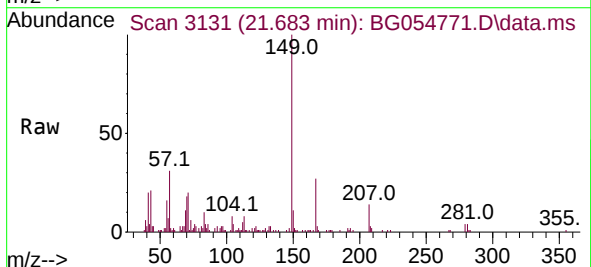
Tgt Ion:149 Resp: 32037

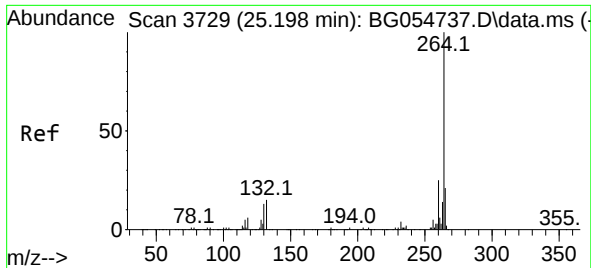
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

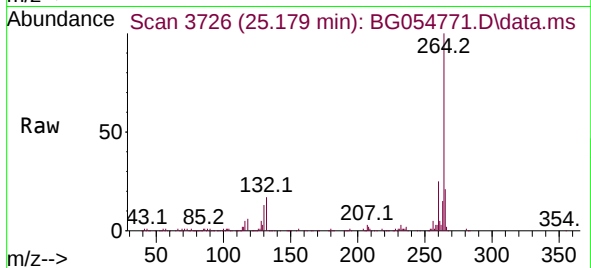
279 4.1 3.1 4.7





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.179 min Scan# 31  
Delta R.T. -0.019 min  
Lab File: BG054771.D  
Acq: 29 Aug 2022 13:52

Instrument :  
BNA\_G  
ClientSampleId :  
MW-35



|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:264 | Resp: | 318445      |
| Ion         | Ratio | Lower Upper |
| 264         | 100   |             |
| 260         | 24.8  | 19.9 29.9   |
| 265         | 21.4  | 16.9 25.3   |

