

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG092122\  
 Data File : BG055002.D  
 Acq On : 21 Sep 2022 20:46  
 Operator : CG/JU  
 Sample : N4723-16  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-27-COMP

Quant Time: Sep 22 04:44:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG091922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 19 17:41:40 2022  
 Response via : Initial Calibration

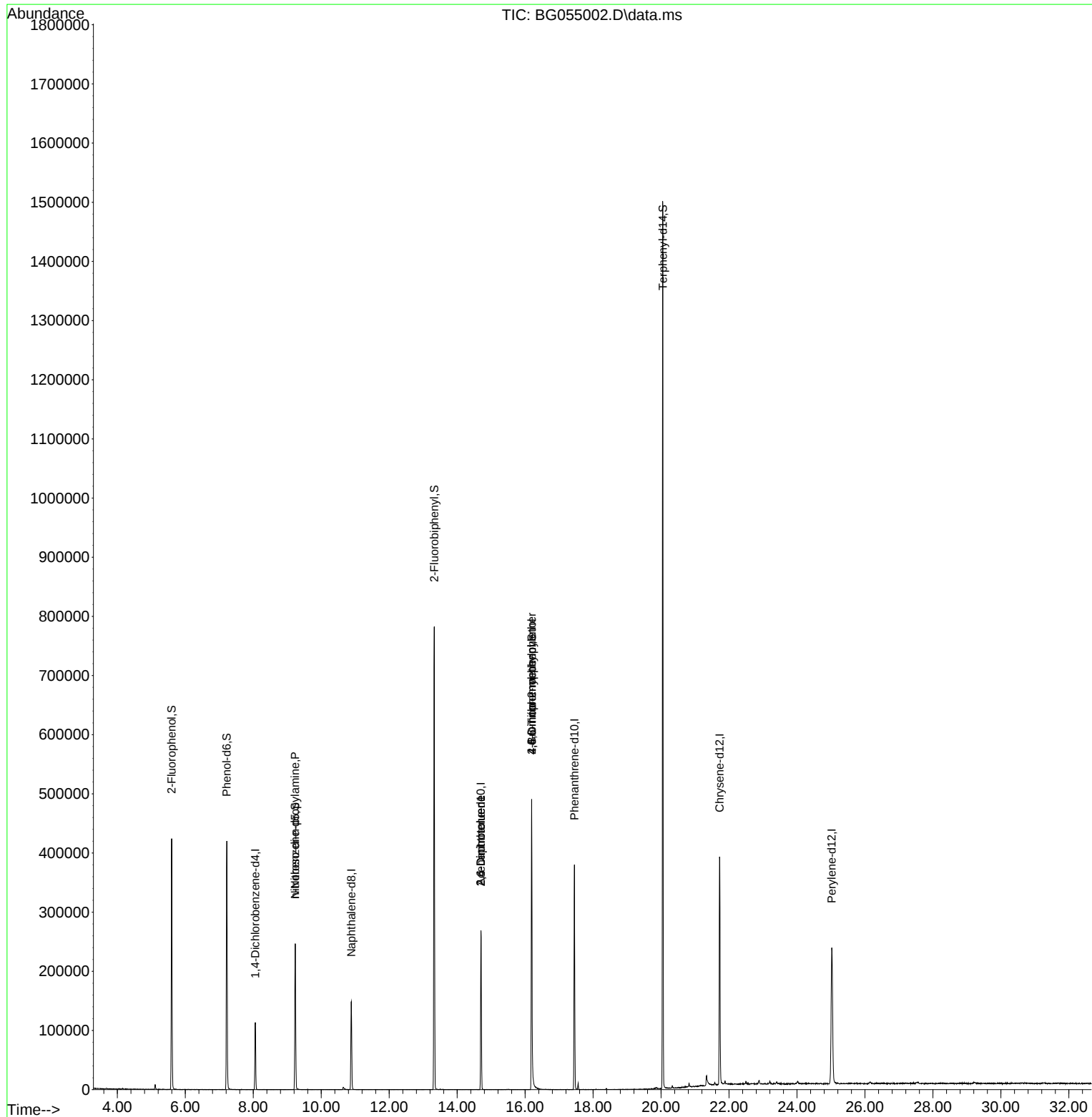
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.060  | 152  | 36230    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.886 | 136  | 145670   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.699 | 164  | 101510   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.449 | 188  | 250570   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.720 | 240  | 263459   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.022 | 264  | 277103   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.598  | 112  | 214293   | 115.734 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.220  | 99   | 280412   | 112.986 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.235  | 82   | 160272   | 63.772  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.191 | 330  | 126922   | 106.730 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.324 | 172  | 434134   | 67.401  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.052 | 244  | 817177   | 64.882  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.235  | 70   | 19703    | 11.534  | ng    | # 78     |
| 51) 2,6-Dinitrotoluene        | 14.699 | 165  | 13408    | 8.204   | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 14.699 | 165  | 13408    | 5.768   | ng    | # 18     |
| 65) 4,6-Dinitro-2-methylph... | 16.191 | 198  | 147      | 5.092   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 16.191 | 248  | 7737     | 2.800   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

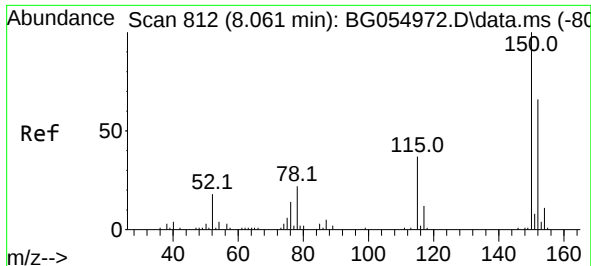
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 19 17:41:40 2022  
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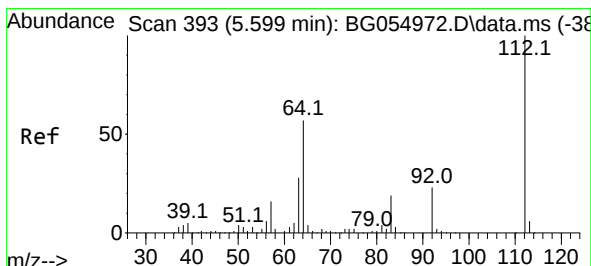
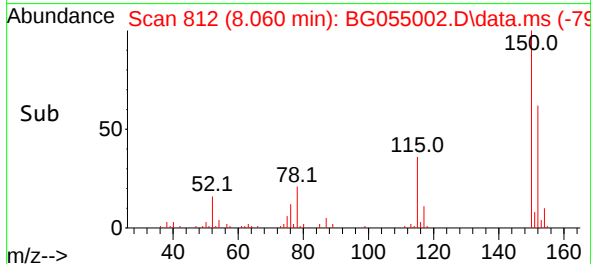
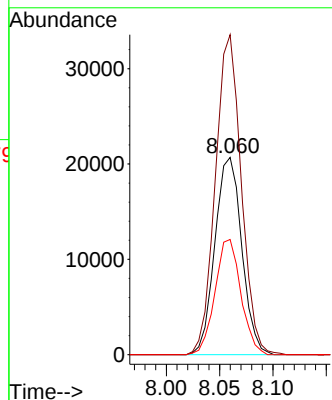
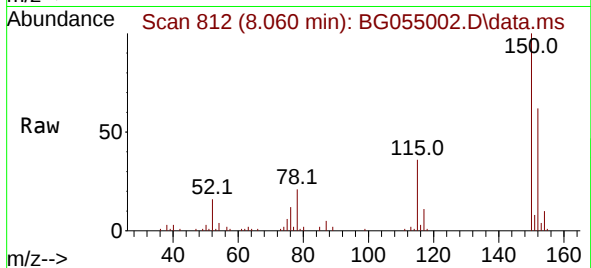




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.060 min Scan# 812  
Delta R.T. -0.001 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

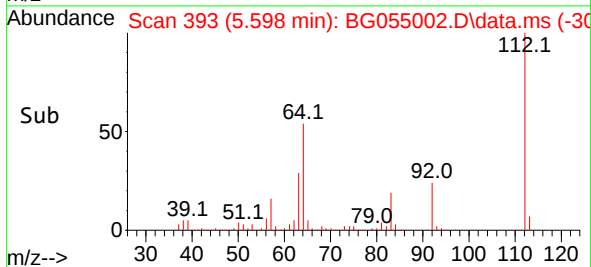
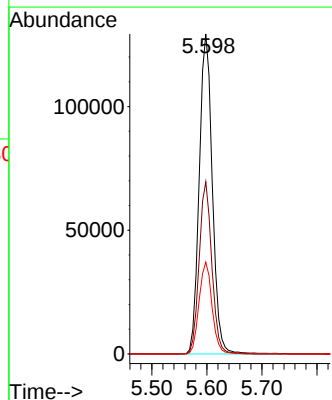
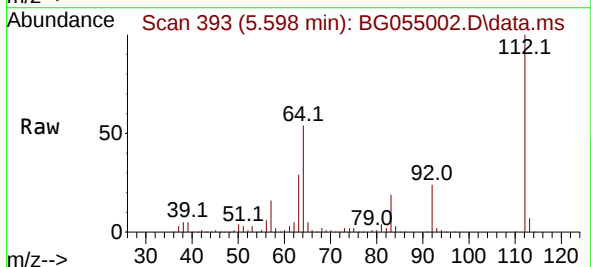
Instrument :  
BNA\_G  
ClientSampleId :  
SB-27-COMP

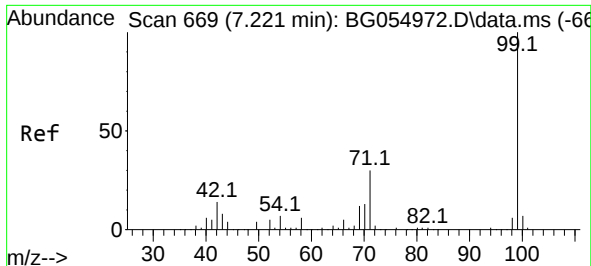
Tgt Ion:152 Resp: 36230  
Ion Ratio Lower Upper  
152 100  
150 162.3 125.2 187.8  
115 58.4 47.9 71.9



#5  
2-Fluorophenol  
Concen: 115.734 ng  
RT: 5.598 min Scan# 393  
Delta R.T. -0.001 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

Tgt Ion:112 Resp: 214293  
Ion Ratio Lower Upper  
112 100  
64 53.8 49.3 73.9  
63 28.7 26.3 39.5

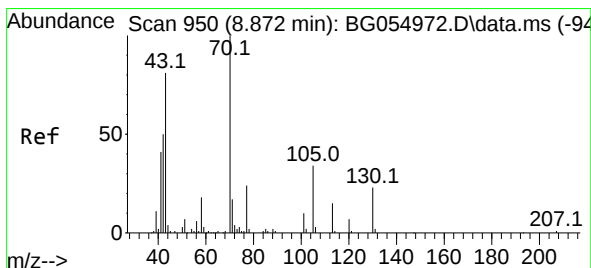
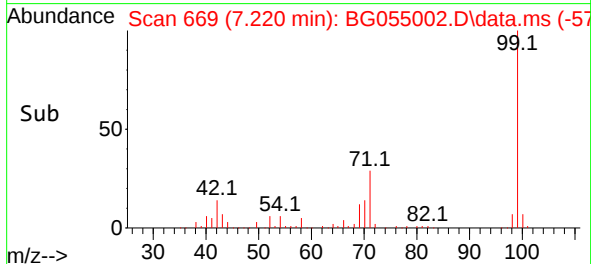
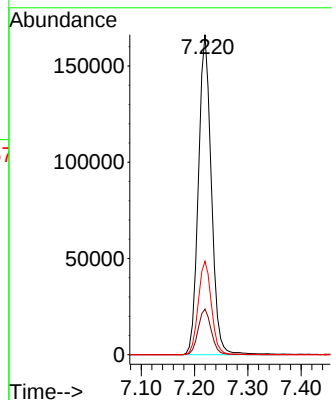
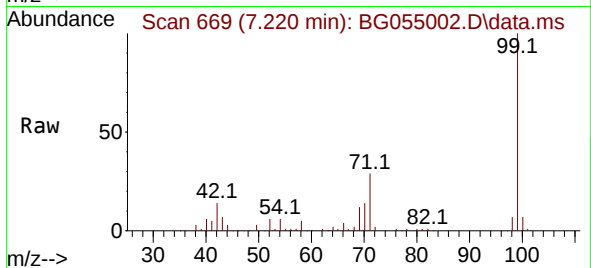




#7  
Phenol-d6  
Concen: 112.986 ng  
RT: 7.220 min Scan# 60  
Delta R.T. -0.001 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

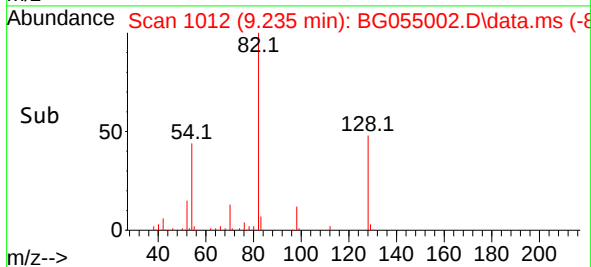
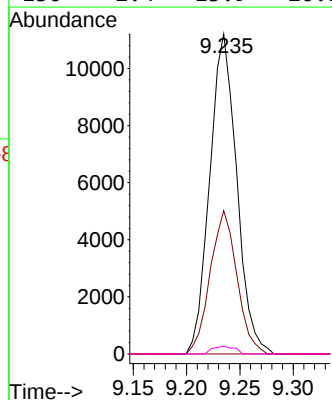
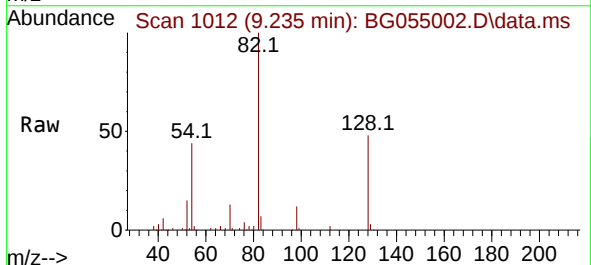
Instrument :  
BNA\_G  
ClientSampleId :  
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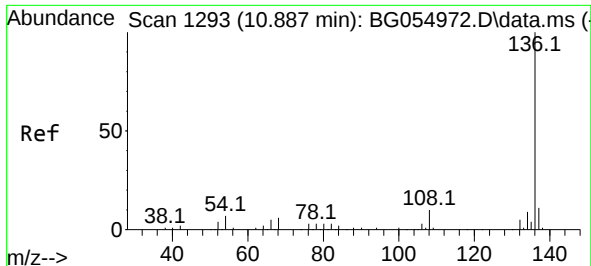
Tgt Ion: 99 Resp: 280412  
Ion Ratio Lower Upper  
99 100  
42 14.3 14.6 22.0#  
71 29.2 24.6 37.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 11.534 ng  
RT: 9.235 min Scan# 1012  
Delta R.T. 0.363 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

Tgt Ion: 70 Resp: 19703  
Ion Ratio Lower Upper  
70 100  
42 44.8 46.6 69.8#  
101 0.0 7.7 11.5#  
130 2.4 13.9 20.9#





#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.886 min Scan# 1012  
Delta R.T. -0.001 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

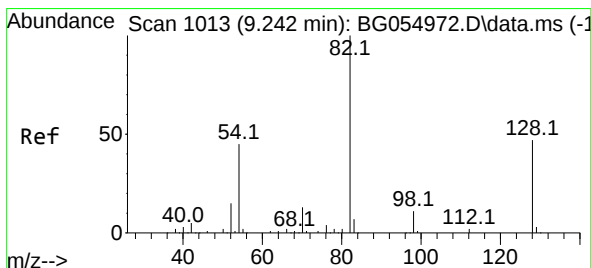
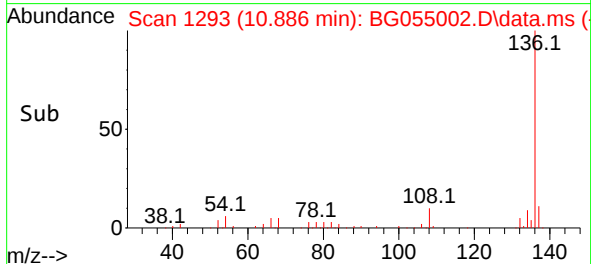
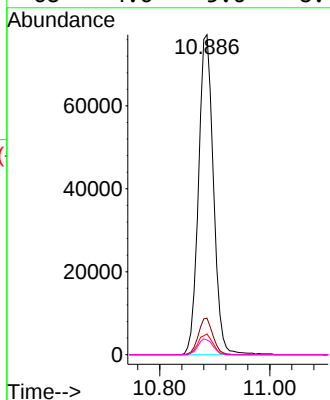
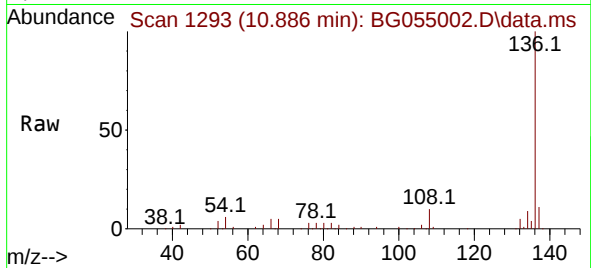
Instrument :

BNA\_G

ClientSampleId :

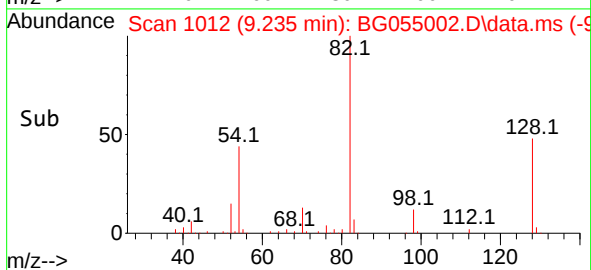
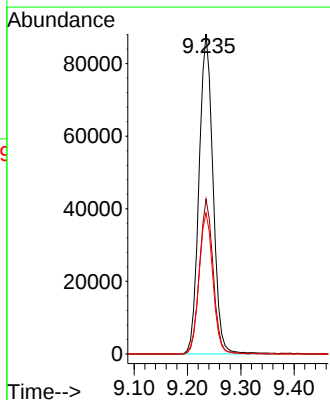
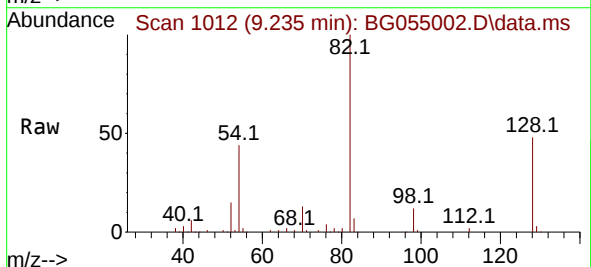
SB-27-COMP

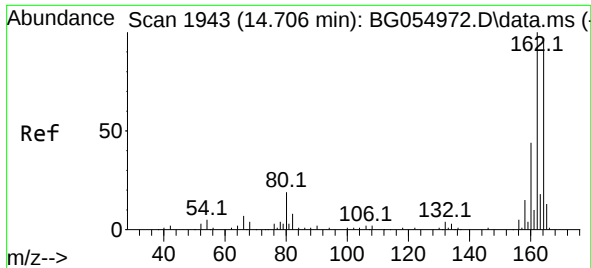
Tgt Ion:136 Resp: 145670  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.2 13.8  
54 6.5 7.7 11.5#  
68 4.6 5.6 8.4#



#23  
Nitrobenzene-d5  
Concen: 63.772 ng  
RT: 9.235 min Scan# 1012  
Delta R.T. -0.007 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

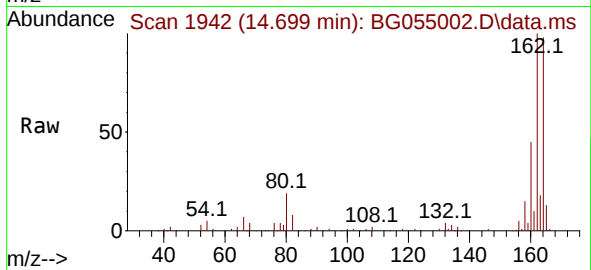
Tgt Ion: 82 Resp: 160272  
Ion Ratio Lower Upper  
82 100  
128 48.4 32.2 48.2#  
54 44.0 41.4 62.0



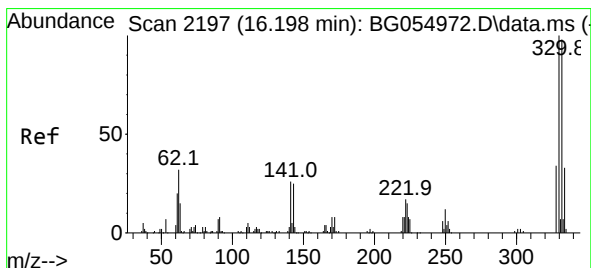
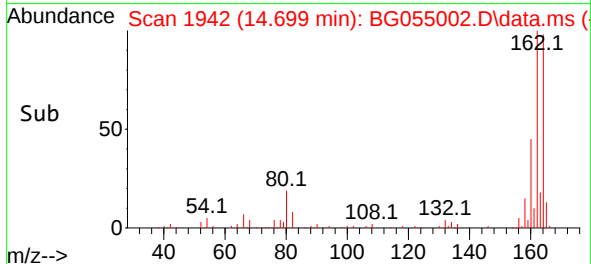
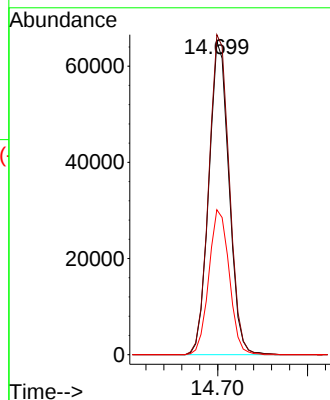


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.699 min Scan# 1942  
Delta R.T. -0.007 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

Instrument :  
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SB-27-COMP

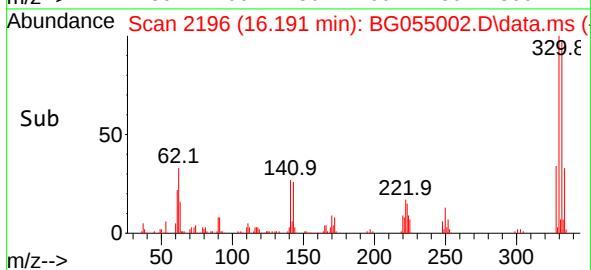
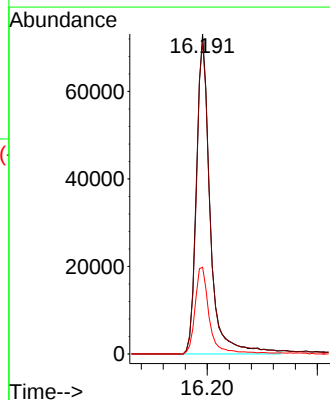
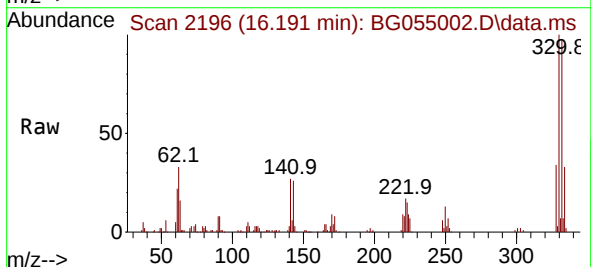


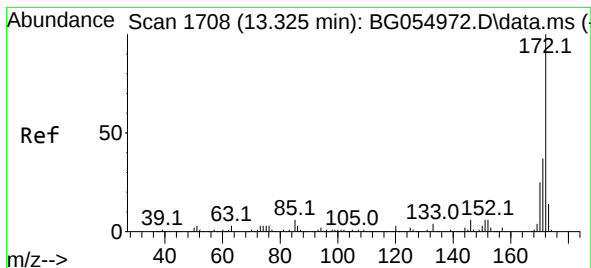
Tgt Ion:164 Resp: 101510  
Ion Ratio Lower Upper  
164 100  
162 102.1 83.0 124.4  
160 46.2 38.0 57.0



#42  
2,4,6-Tribromophenol  
Concen: 106.730 ng  
RT: 16.191 min Scan# 2196  
Delta R.T. -0.007 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

Tgt Ion:330 Resp: 126922  
Ion Ratio Lower Upper  
330 100  
332 98.1 79.8 119.6  
141 27.8 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 67.401 ng

RT: 13.324 min Scan# 1

Delta R.T. -0.001 min

Lab File: BG055002.D

Acq: 21 Sep 2022 20:46

Instrument :

BNA\_G

ClientSampleId :

SB-27-COMP

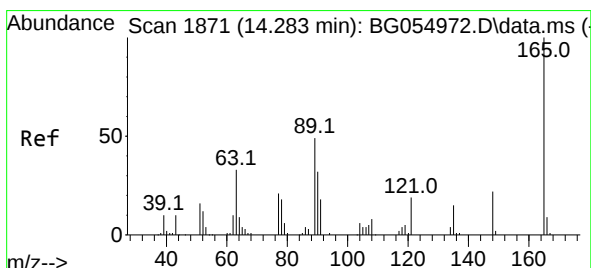
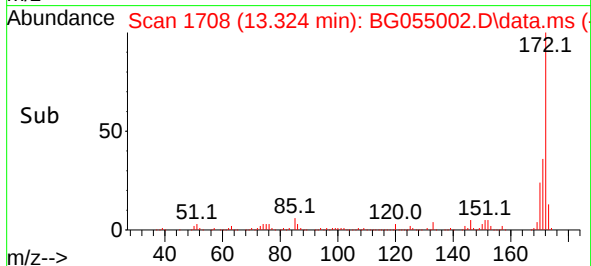
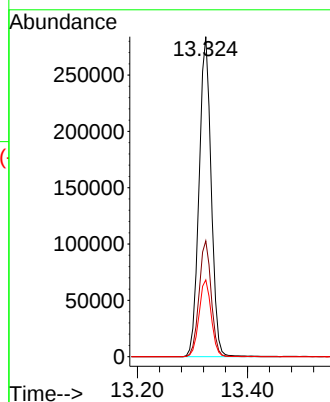
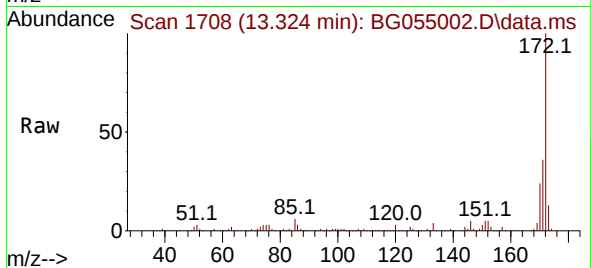
Tgt Ion:172 Resp: 434134

Ion Ratio Lower Upper

172 100

171 36.2 31.2 46.8

170 24.0 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.204 ng

RT: 14.699 min Scan# 1942

Delta R.T. 0.416 min

Lab File: BG055002.D

Acq: 21 Sep 2022 20:46

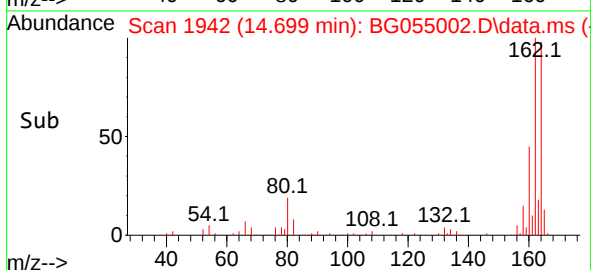
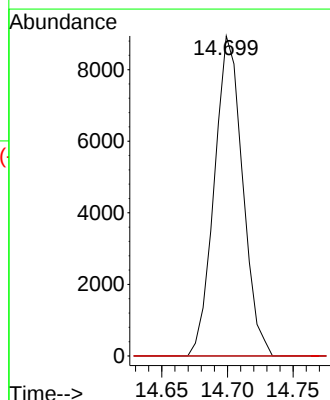
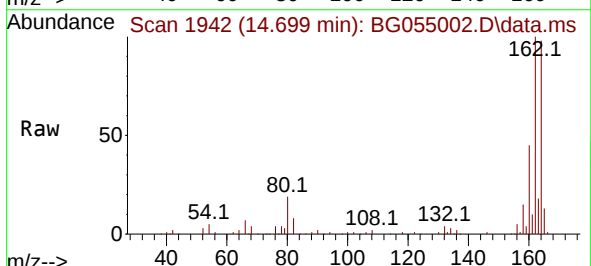
Tgt Ion:165 Resp: 13408

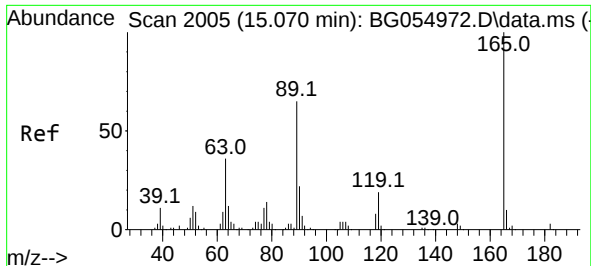
Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.768 ng

RT: 14.699 min Scan# 1942

Delta R.T. -0.371 min

Lab File: BG055002.D

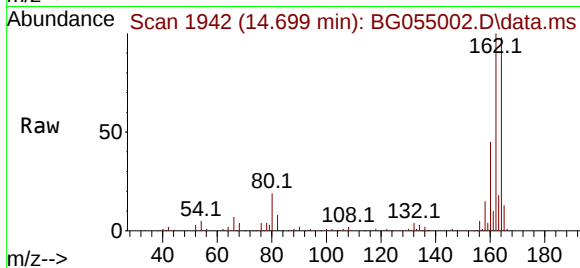
Acq: 21 Sep 2022 20:46

Instrument :

BNA\_G

ClientSampleId :

SB-27-COMP



Tgt Ion:165 Resp: 13408

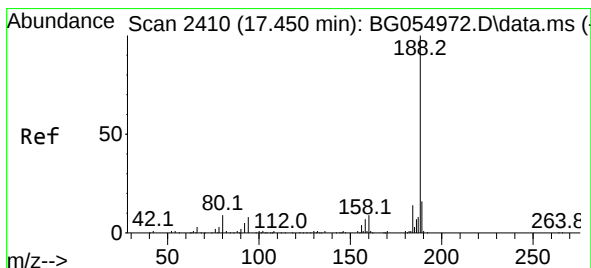
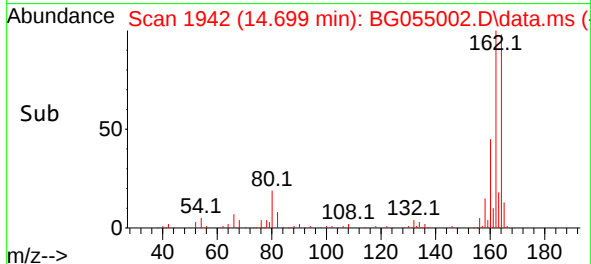
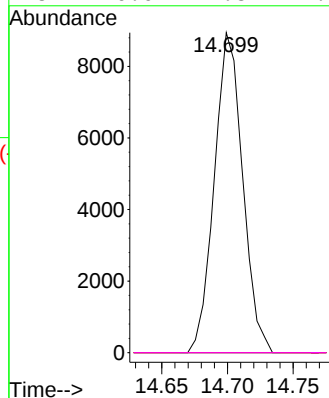
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.449 min Scan# 2410

Delta R.T. -0.001 min

Lab File: BG055002.D

Acq: 21 Sep 2022 20:46

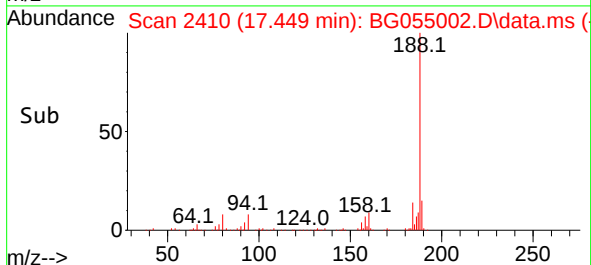
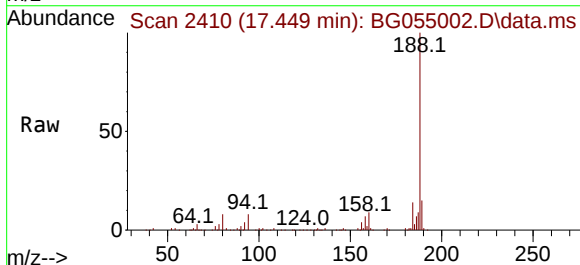
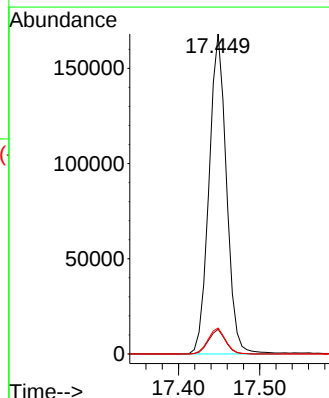
Tgt Ion:188 Resp: 250570

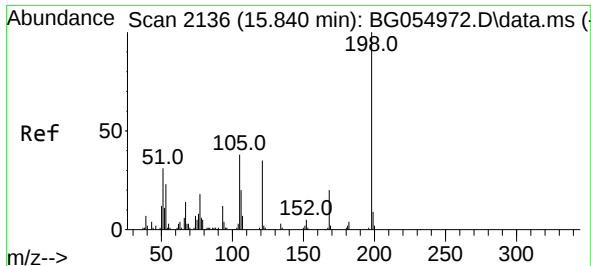
Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

80 8.1 7.9 11.9





#65  
4,6-Dinitro-2-methylphenol  
Concen: 5.092 ng  
RT: 16.191 min Scan# 2196  
Delta R.T. 0.351 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

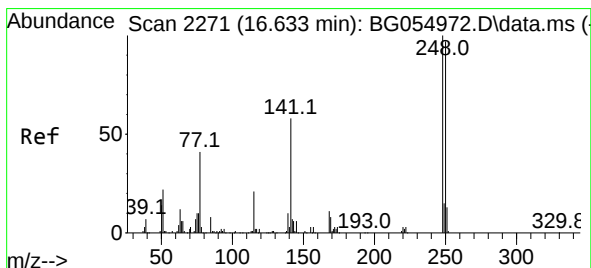
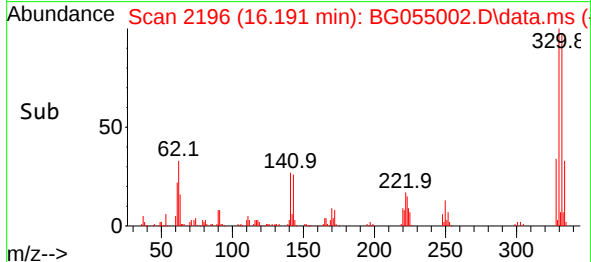
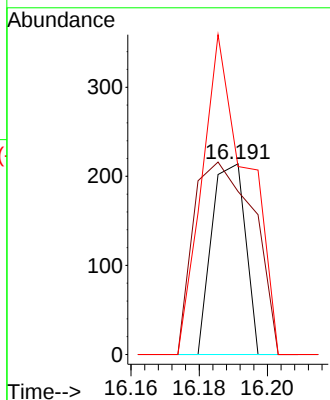
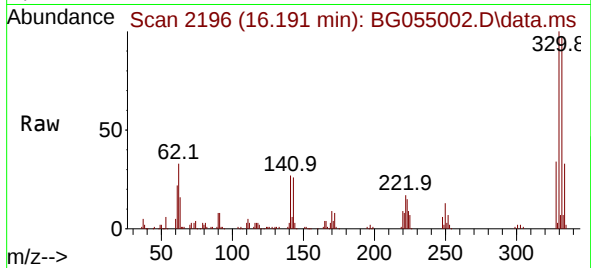
Instrument :

BNA\_G

ClientSampleId :

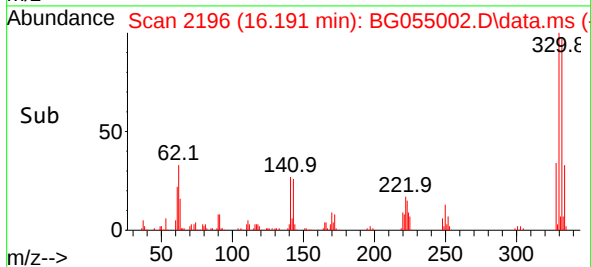
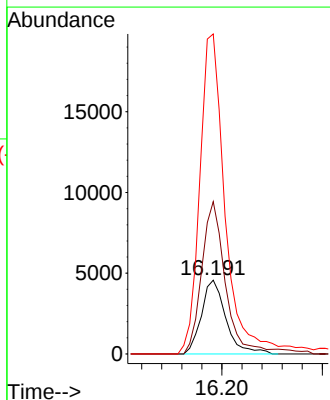
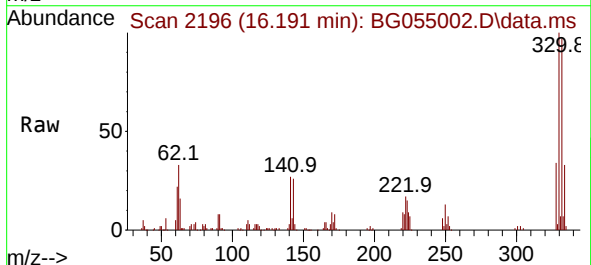
SB-27-COMP

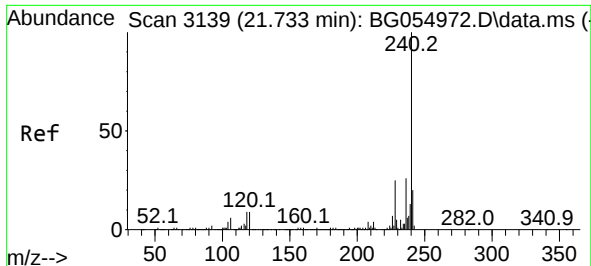
Tgt Ion:198 Resp: 147  
Ion Ratio Lower Upper  
198 100  
51 85.5 19.9 59.9#  
105 98.6 20.3 60.3#



#67  
4-Bromophenyl-phenylether  
Concen: 2.800 ng  
RT: 16.191 min Scan# 2196  
Delta R.T. -0.442 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

Tgt Ion:248 Resp: 7737  
Ion Ratio Lower Upper  
248 100  
250 206.6 78.8 118.2#  
141 434.1 51.9 77.9#

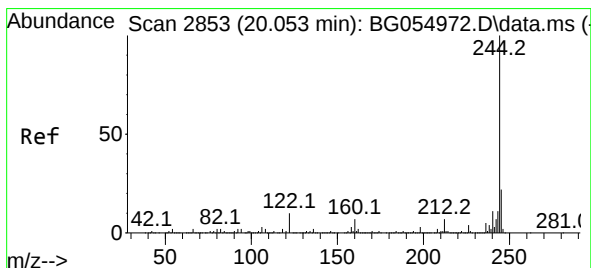
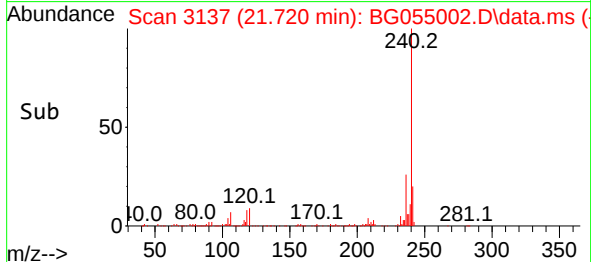
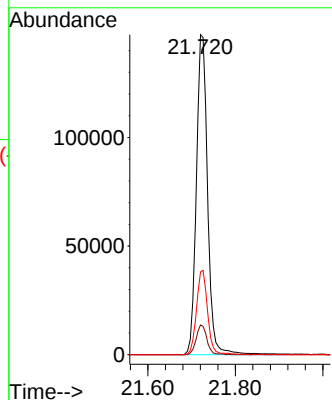
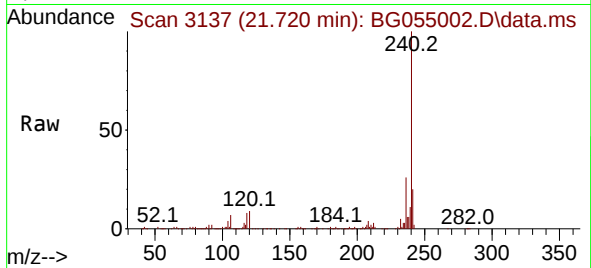




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.720 min Scan# 3139  
Delta R.T. -0.013 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

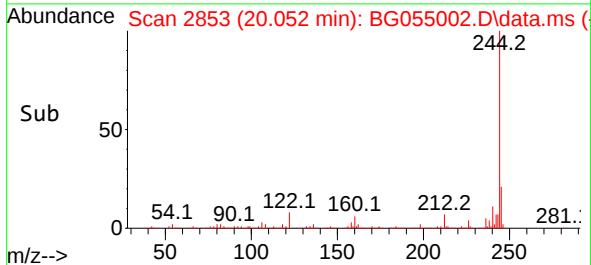
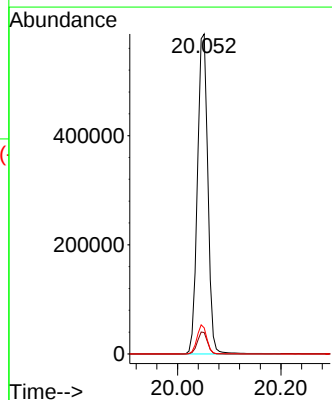
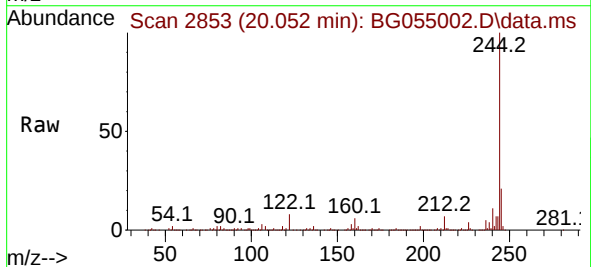
Instrument :  
BNA\_G  
ClientSampleId :  
SB-27-COMP

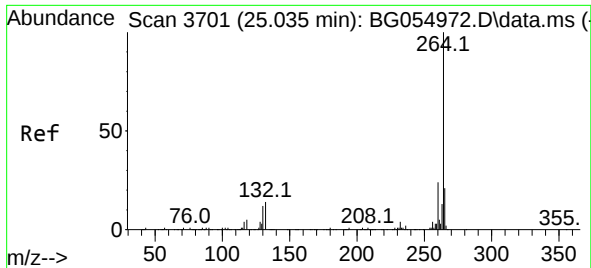
Tgt Ion:240 Resp: 263459  
Ion Ratio Lower Upper  
240 100  
120 9.3 8.2 12.4  
236 25.9 21.2 31.8



#79  
Terphenyl-d14  
Concen: 64.882 ng  
RT: 20.052 min Scan# 2853  
Delta R.T. -0.001 min  
Lab File: BG055002.D  
Acq: 21 Sep 2022 20:46

Tgt Ion:244 Resp: 817177  
Ion Ratio Lower Upper  
244 100  
212 6.7 6.2 9.2  
122 8.1 9.0 13.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.022 min Scan# 3

Delta R.T. -0.013 min

Lab File: BG055002.D

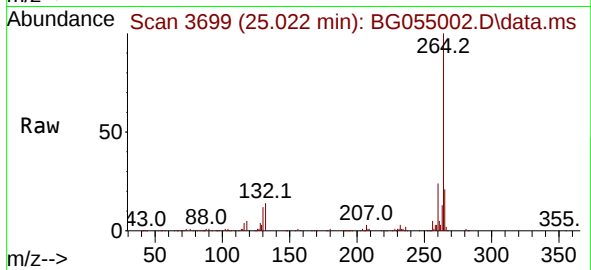
Acq: 21 Sep 2022 20:46

Instrument :

BNA\_G

ClientSampleId :

SB-27-COMP



Tgt Ion:264 Resp: 277103

Ion Ratio Lower Upper

264 100

260 23.6 19.9 29.9

265 21.0 16.9 25.3

