

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092122\
 Data File : BG055003.D
 Acq On : 21 Sep 2022 21:28
 Operator : CG/JU
 Sample : N4723-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-28-COMP

Quant Time: Sep 22 04:45:06 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)

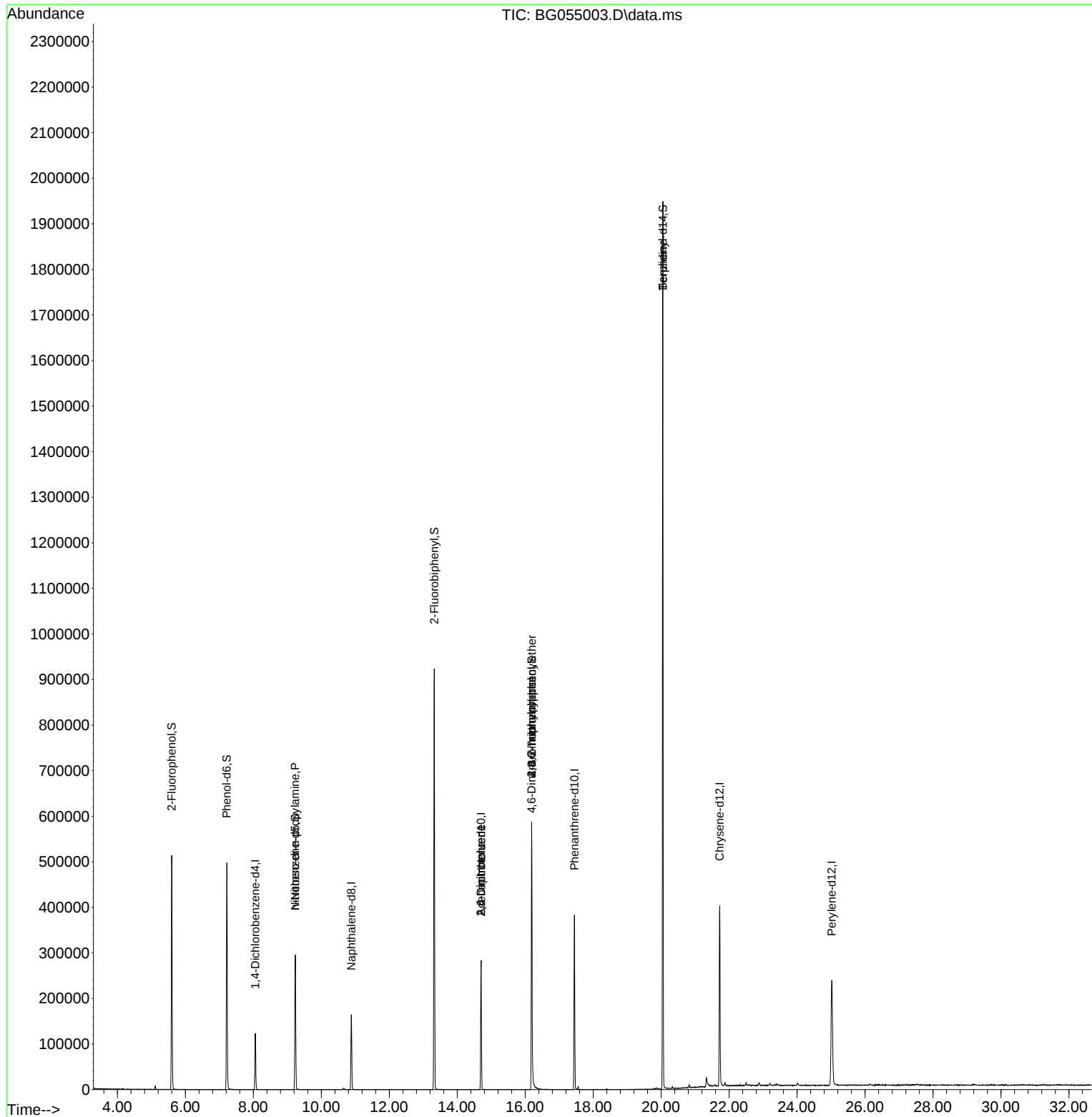
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	38798	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	154548	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	106888	20.000	ng	0.00
64) Phenanthrene-d10	17.447	188	258130	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	264465	20.000	ng	0.00
86) Perylene-d12	25.021	264	277088	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	261570	131.916	ng	0.00
7) Phenol-d6	7.218	99	334683	125.927	ng	0.00
23) Nitrobenzene-d5	9.234	82	193998	72.757	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	154025	123.005	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	525718	77.513	ng	0.00
79) Terphenyl-d14	20.050	244	1016687	80.416	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.234	70	24186	13.222	ng	# 75
51) 2,6-Dinitrotoluene	14.704	165	13853	8.050	ng	# 20
57) 2,4-Dinitrotoluene	14.704	165	13853	5.659	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.184	198	182	5.113	ng	# 1
67) 4-Bromophenyl-phenylether	16.190	248	9205	3.233	ng	# 1
77) Benzdine	20.050	184	13886	2.119	ng	# 92

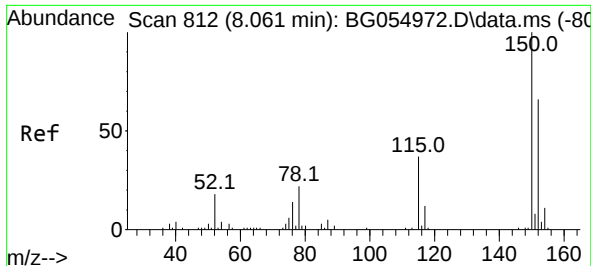
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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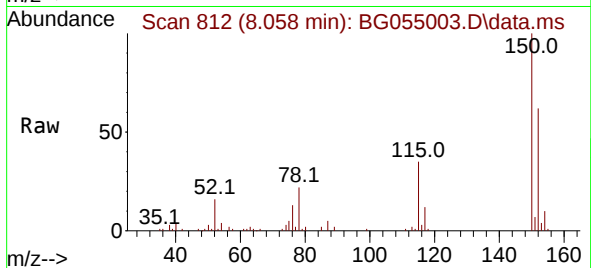
Quant Time: Sep 22 04:45:06 2022
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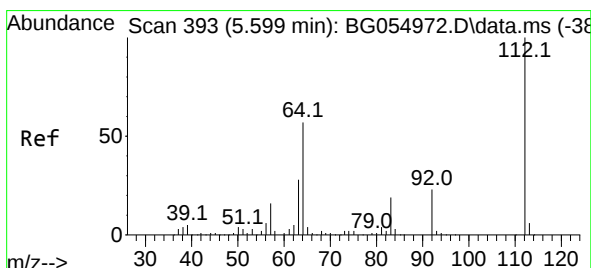
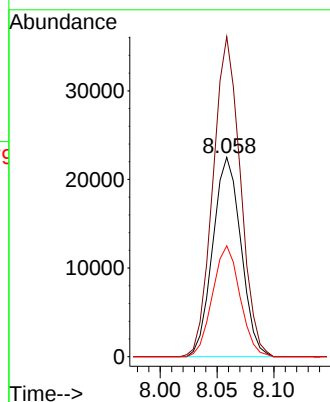
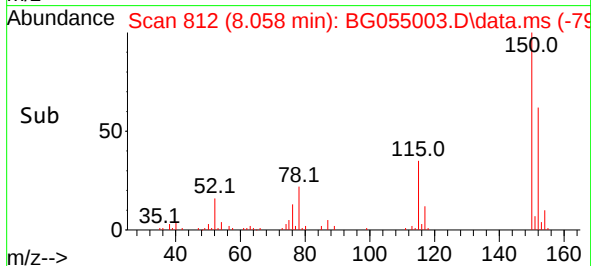


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.058 min Scan# 812
Delta R.T. -0.003 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

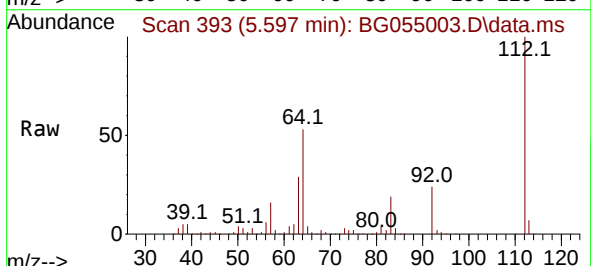
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BNA_G
ClientSampleId :
SB-28-COMP



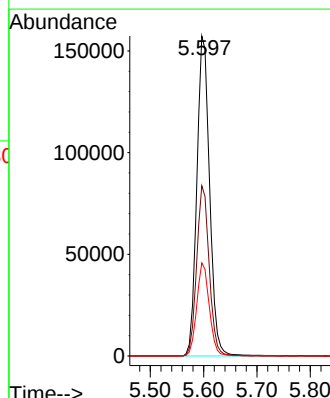
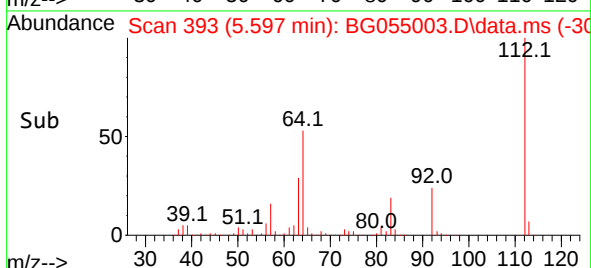
Tgt Ion:152 Resp: 38798
Ion Ratio Lower Upper
152 100
150 160.5 125.2 187.8
115 55.6 47.9 71.9

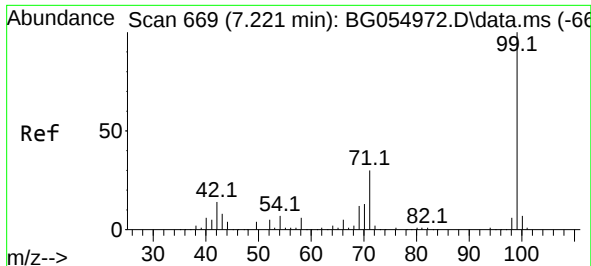


#5
2-Fluorophenol
Concen: 131.916 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28



Tgt Ion:112 Resp: 261570
Ion Ratio Lower Upper
112 100
64 53.2 49.3 73.9
63 29.1 26.3 39.5

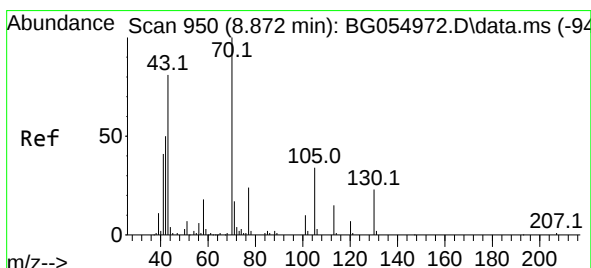
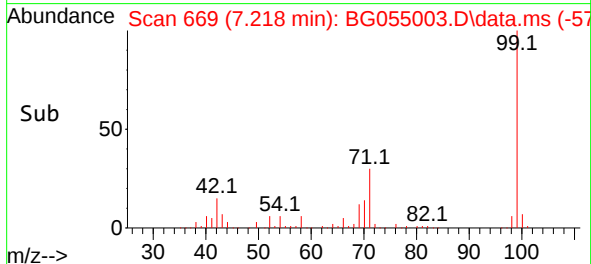
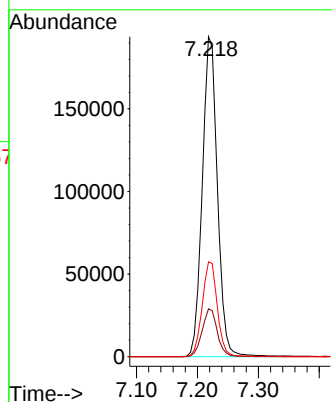
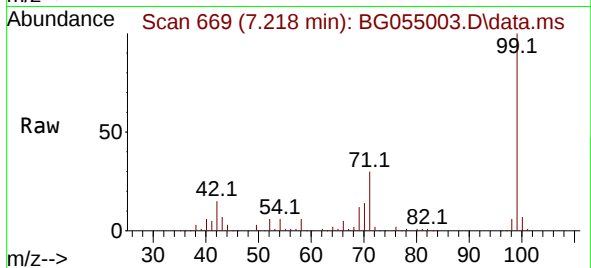




#7
Phenol-d6
Concen: 125.927 ng
RT: 7.218 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

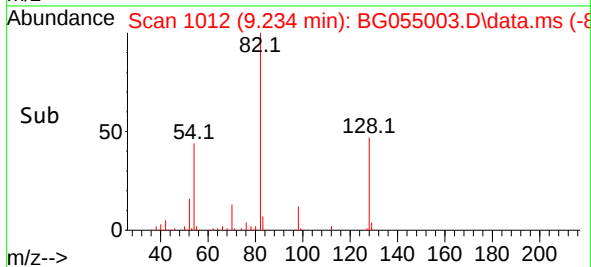
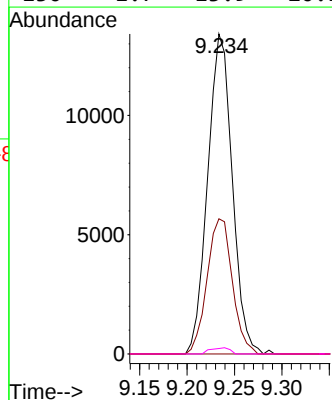
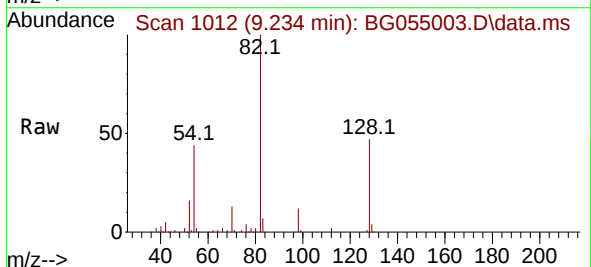
Instrument :
BNA_G
ClientSampleId :
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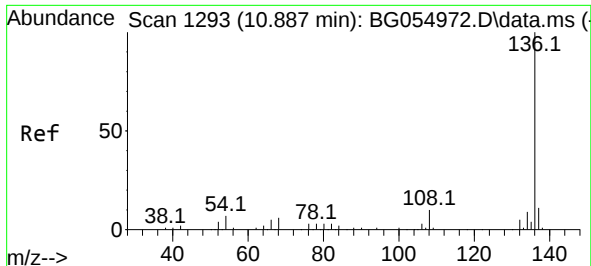
Tgt Ion: 99 Resp: 334683
Ion Ratio Lower Upper
99 100
42 15.0 14.6 22.0
71 29.6 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.222 ng
RT: 9.234 min Scan# 1012
Delta R.T. 0.362 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

Tgt Ion: 70 Resp: 24186
Ion Ratio Lower Upper
70 100
42 42.2 46.6 69.8#
101 0.0 7.7 11.5#
130 1.7 13.9 20.9#





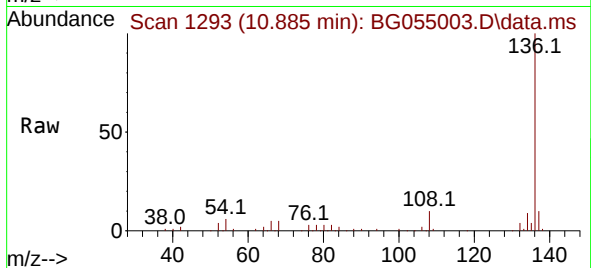
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 1012
Delta R.T. -0.002 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

Instrument :

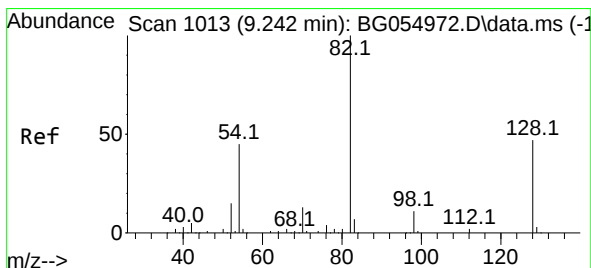
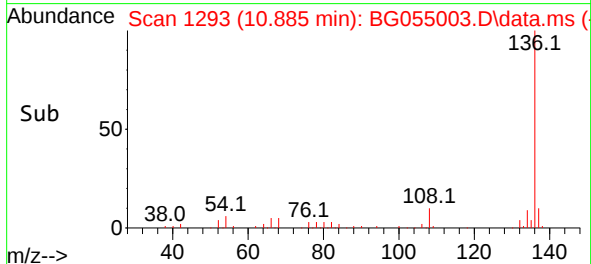
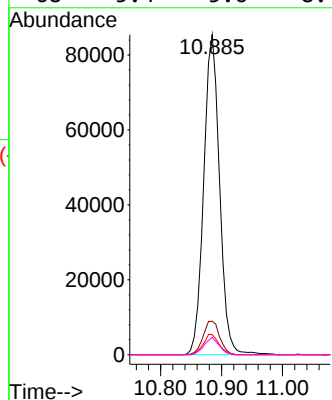
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ClientSampleId :

SB-28-COMP

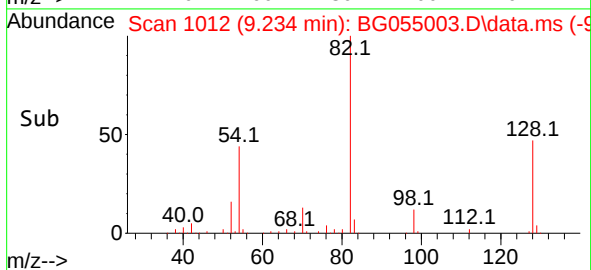
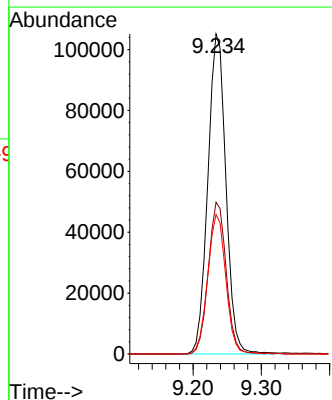
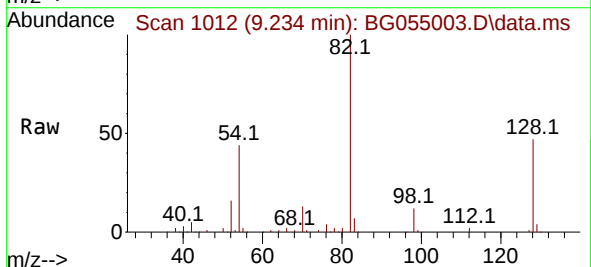


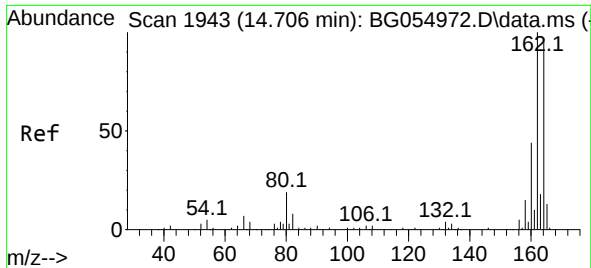
Tgt Ion:136 Resp: 154548
Ion Ratio Lower Upper
136 100
137 10.4 9.2 13.8
54 6.3 7.7 11.5#
68 5.4 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 72.757 ng
RT: 9.234 min Scan# 1012
Delta R.T. -0.008 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

Tgt Ion: 82 Resp: 193998
Ion Ratio Lower Upper
82 100
128 47.4 32.2 48.2
54 43.6 41.4 62.0

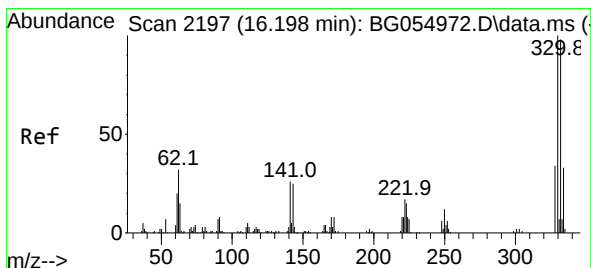
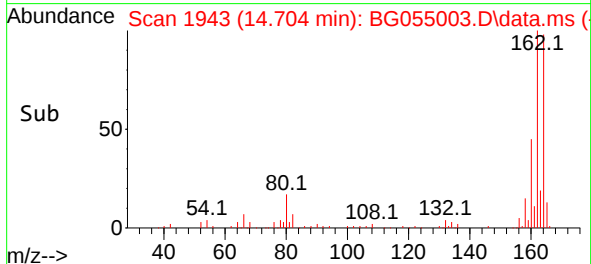
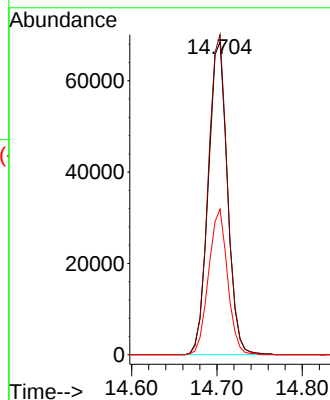
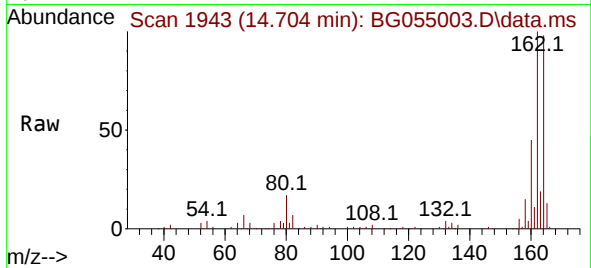




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

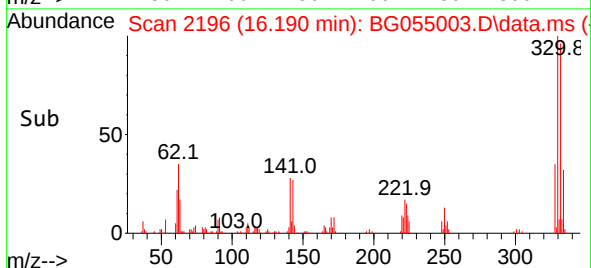
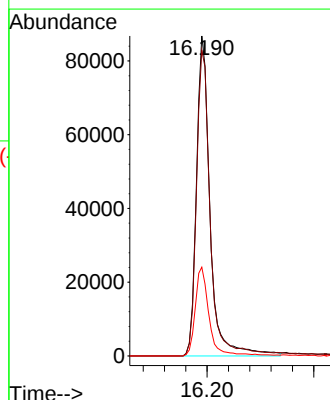
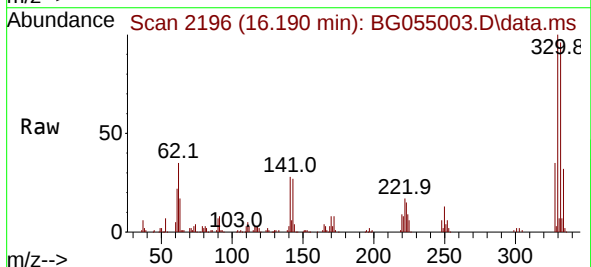
Instrument :
BNA_G
ClientSampleId :
SB-28-COMP

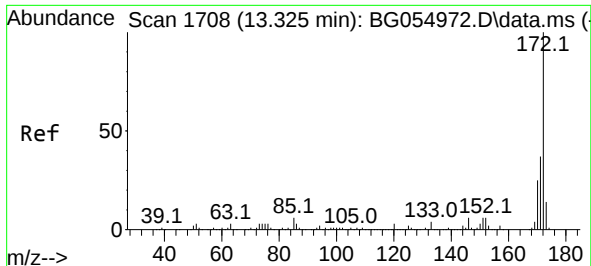
Tgt Ion:164 Resp: 106888
Ion Ratio Lower Upper
164 100
162 102.3 83.0 124.4
160 46.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 123.005 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

Tgt Ion:330 Resp: 154025
Ion Ratio Lower Upper
330 100
332 96.5 79.8 119.6
141 28.2 26.8 40.2

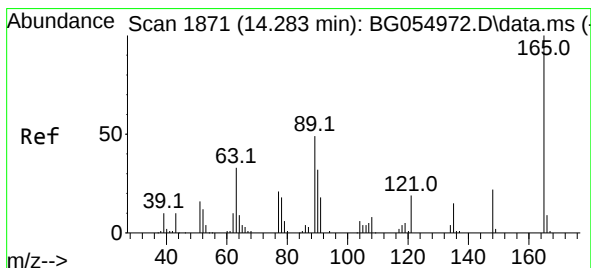
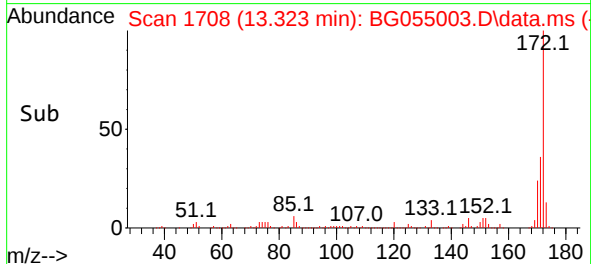
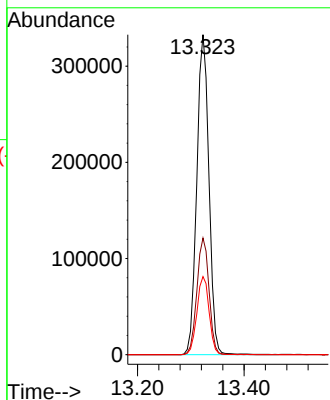
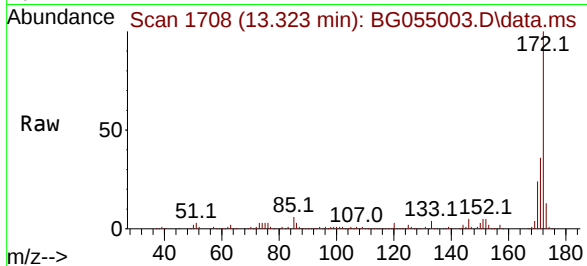




#45
2-Fluorobiphenyl
Concen: 77.513 ng
RT: 13.323 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

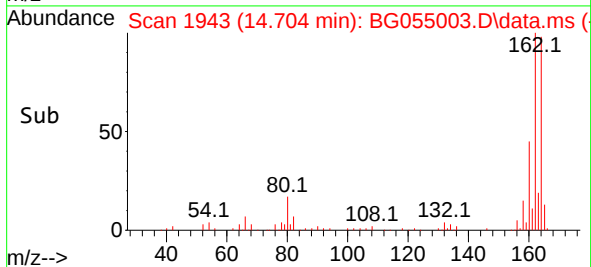
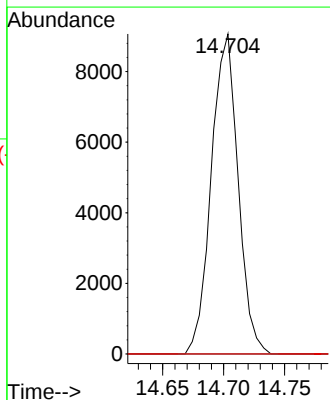
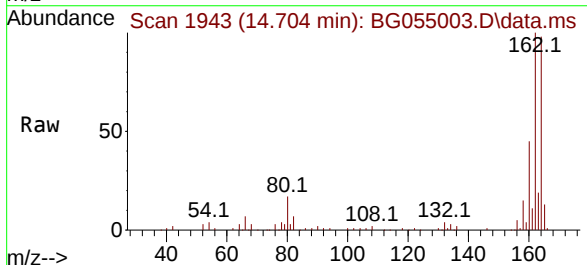
Instrument :
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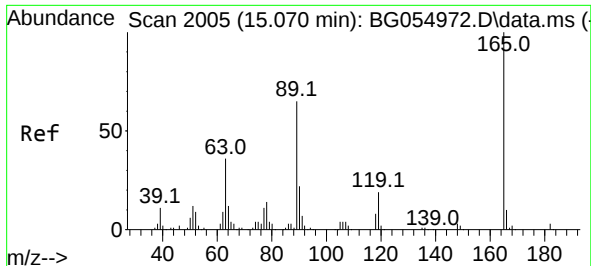
Tgt Ion:172 Resp: 525718
Ion Ratio Lower Upper
172 100
171 36.5 31.2 46.8
170 24.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.050 ng
RT: 14.704 min Scan# 1943
Delta R.T. 0.421 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

Tgt Ion:165 Resp: 13853
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: 5.659 ng

RT: 14.704 min Scan# 1943

Delta R.T. -0.367 min

Lab File: BG055003.D

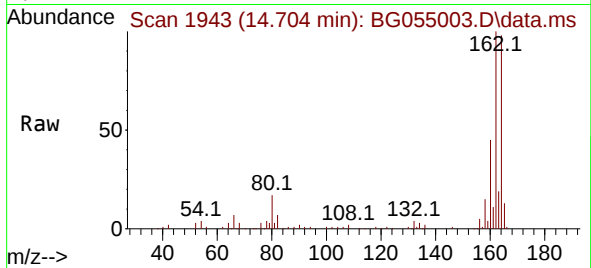
Acq: 21 Sep 2022 21:28

Instrument :

BNA_G

ClientSampleId :

SB-28-COMP



Tgt Ion:165 Resp: 13853

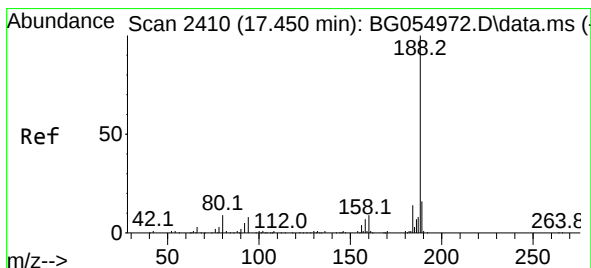
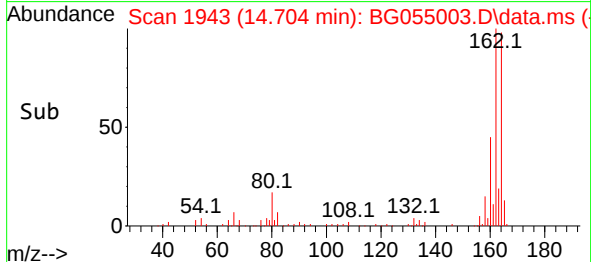
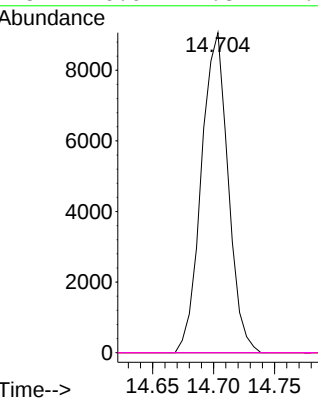
Ion Ratio Lower Upper

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: 17.447 min Scan# 2410

Delta R.T. -0.003 min

Lab File: BG055003.D

Acq: 21 Sep 2022 21:28

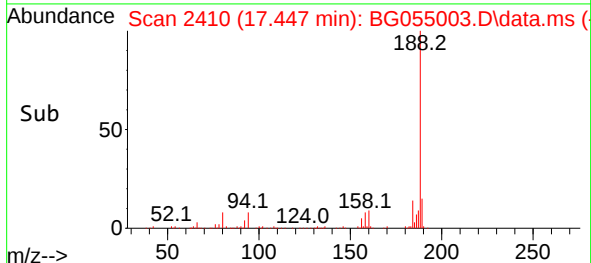
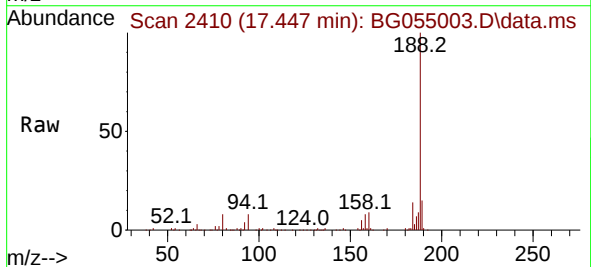
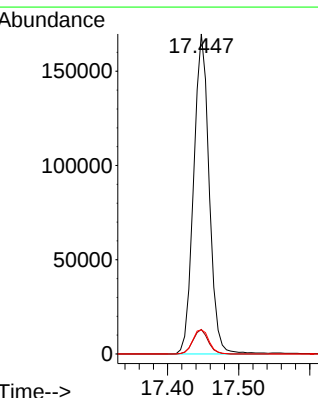
Tgt Ion:188 Resp: 258130

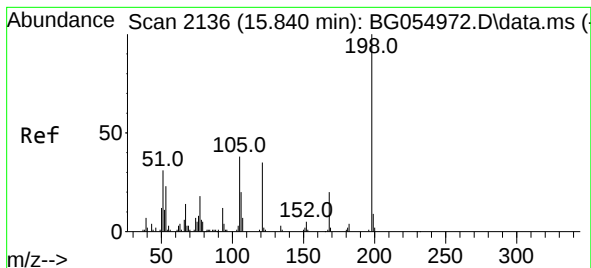
Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

80 7.6 7.9 11.9#

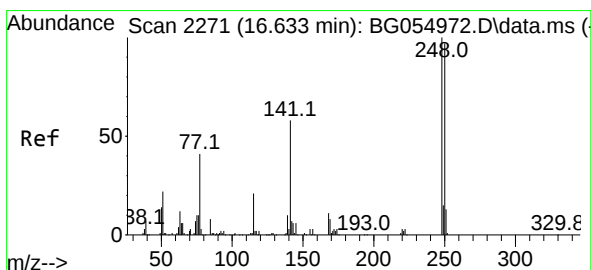
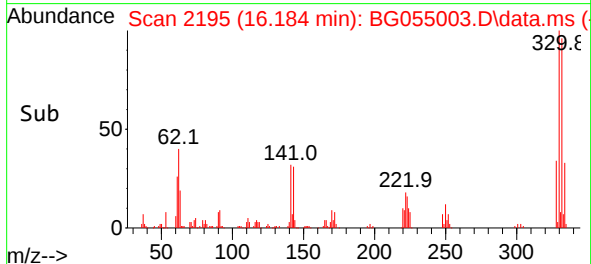
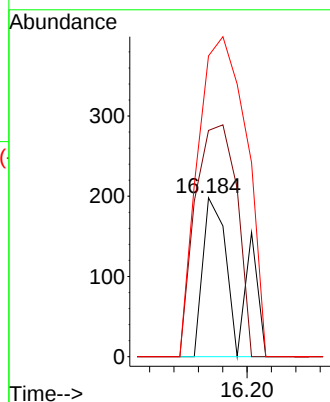
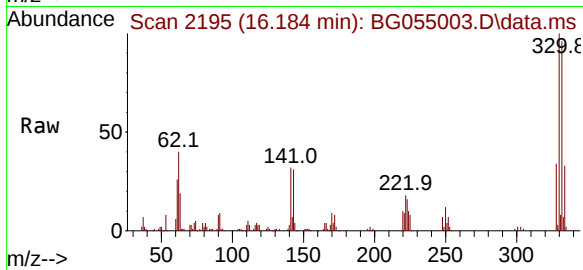




#65
4,6-Dinitro-2-methylphenol
Concen: 5.113 ng
RT: 16.184 min Scan# 2119
Delta R.T. 0.344 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

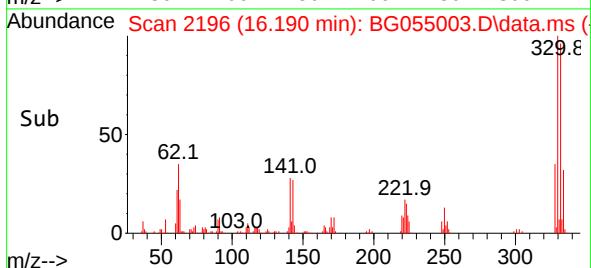
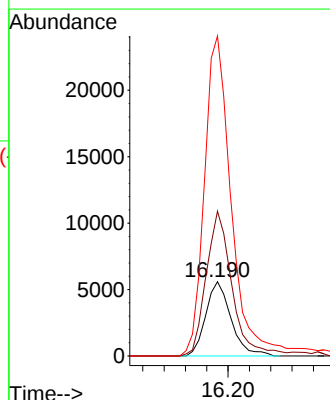
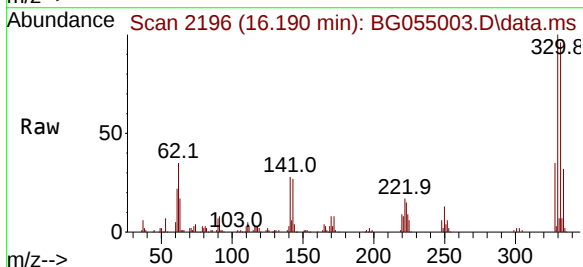
Instrument :
BNA_G
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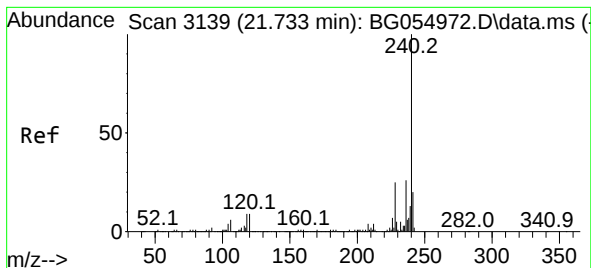
Tgt Ion:198 Resp: 182
Ion Ratio Lower Upper
198 100
51 142.4 19.9 59.9#
105 189.4 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.233 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.443 min
Lab File: BG055003.D
Acq: 21 Sep 2022 21:28

Tgt Ion:248 Resp: 9205
Ion Ratio Lower Upper
248 100
250 195.3 78.8 118.2#
141 431.4 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.725 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG055003.D

Acq: 21 Sep 2022 21:28

Instrument :

BNA_G

ClientSampleId :

SB-28-COMP

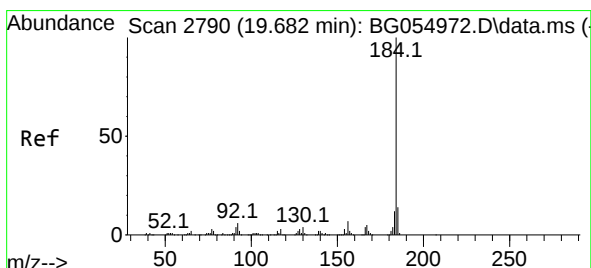
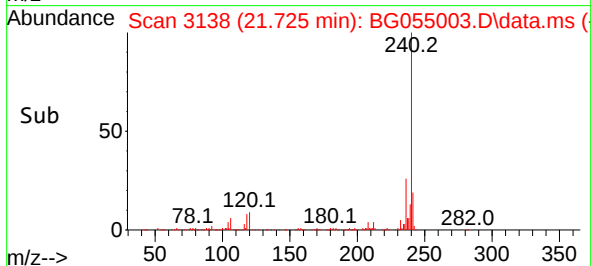
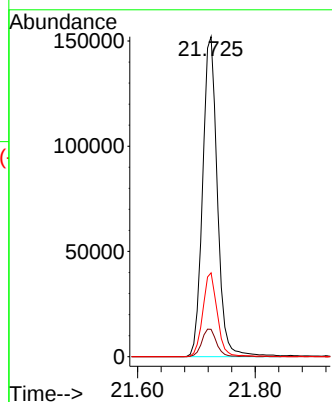
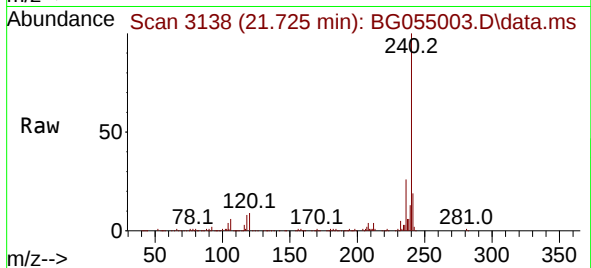
Tgt Ion:240 Resp: 264465

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.4

236 26.2 21.2 31.8



#77

Benzidine

Concen: 2.119 ng

RT: 20.050 min Scan# 2853

Delta R.T. 0.368 min

Lab File: BG055003.D

Acq: 21 Sep 2022 21:28

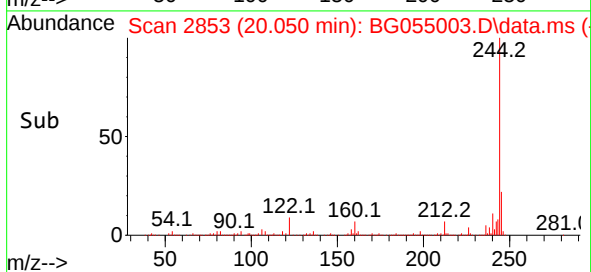
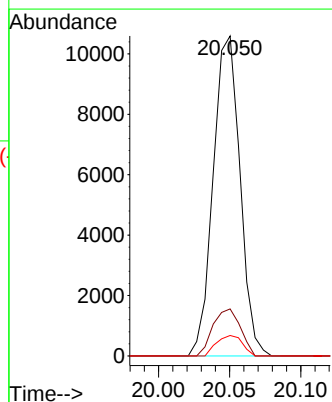
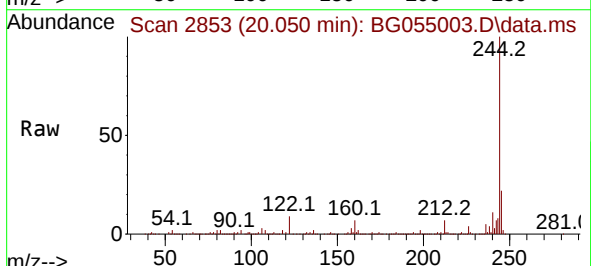
Tgt Ion:184 Resp: 13886

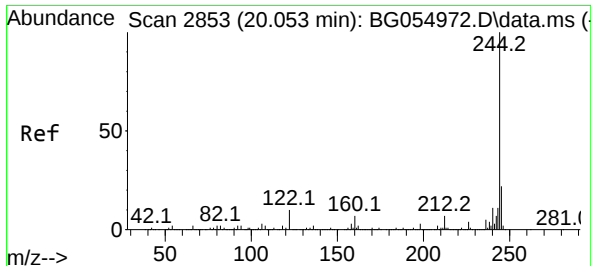
Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.0

183 6.4 9.8 14.8#

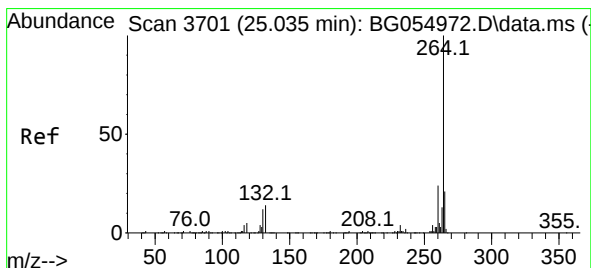
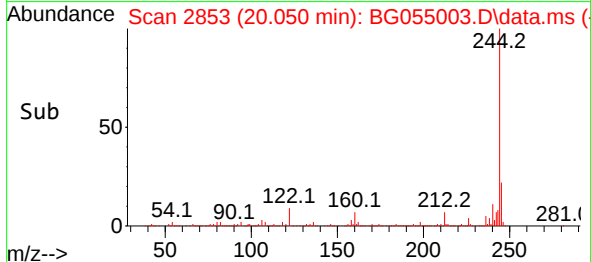
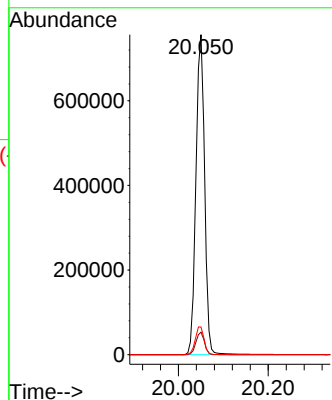
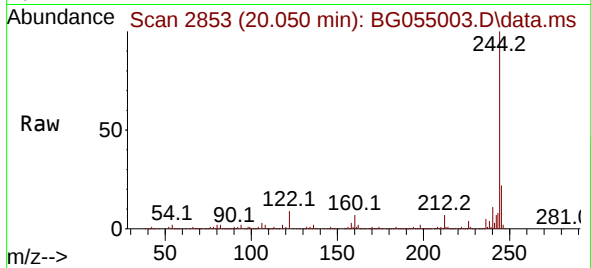




#79
 Terphenyl-d14
 Concen: 80.416 ng
 RT: 20.050 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055003.D
 Acq: 21 Sep 2022 21:28

Instrument :
 BNA_G
 ClientSampleId :
 SB-28-COMP

Tgt Ion:244 Resp: 1016687
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 8.7 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.021 min Scan# 3699
 Delta R.T. -0.014 min
 Lab File: BG055003.D
 Acq: 21 Sep 2022 21:28

Tgt Ion:264 Resp: 277088
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.9 29.9
 265 20.8 16.9 25.3

