

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
 Data File : BG054691.D
 Acq On : 22 Aug 2022 21:37
 Operator : CG/JU
 Sample : PB147074TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147074TB

Quant Time: Aug 23 05:20:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 23 03:09:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

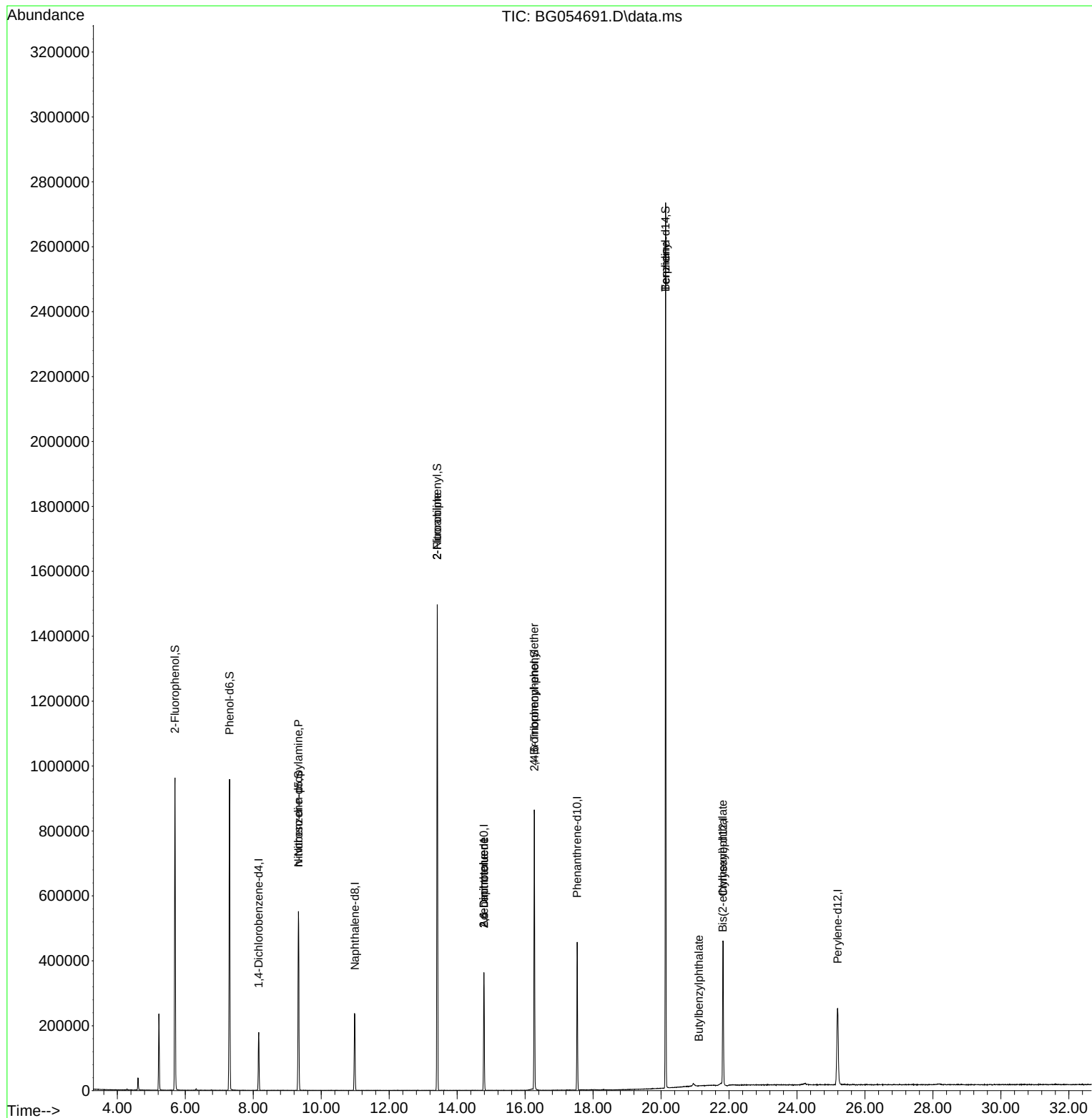
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.159	152	52376	20.000	ng	0.00
21) Naphthalene-d8	10.985	136	211878	20.000	ng	0.00
39) Acenaphthene-d10	14.787	164	132437	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	294386	20.000	ng	0.00
76) Chrysene-d12	21.820	240	282159	20.000	ng	0.00
86) Perylene-d12	25.192	264	282114	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.697	112	436037	156.880	ng	0.00
7) Phenol-d6	7.301	99	573544	147.269	ng	0.00
23) Nitrobenzene-d5	9.328	82	344286	92.603	ng	0.00
42) 2,4,6-Tribromophenol	16.273	330	171670	161.860	ng	0.00
45) 2-Fluorobiphenyl	13.412	172	791679	88.155	ng	0.00
79) Terphenyl-d14	20.133	244	1305305	91.897	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.328	70	42711	15.587	ng	# 78
48) 2-Nitroaniline	13.412	65	1199	4.155	ng	# 1
51) 2,6-Dinitrotoluene	14.787	165	17240	10.629	ng	# 22
57) 2,4-Dinitrotoluene	14.787	165	17240	10.773	ng	# 19
67) 4-Bromophenyl-phenylether	16.267	248	11157	3.937	ng	# 1
77) Benzidine	20.133	184	20282	3.311	ng	# 94
80) Butylbenzylphthalate	21.115	149	57	5.160	ng	# 22
84) Bis(2-ethylhexyl)phtha...	21.814	149	68	4.209	ng	# 53

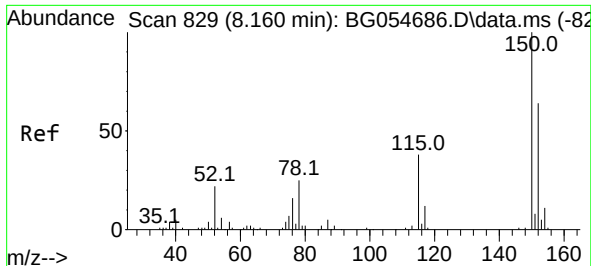
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082222\
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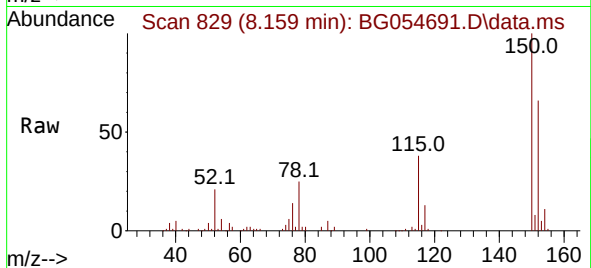
Quant Time: Aug 23 05:20:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration



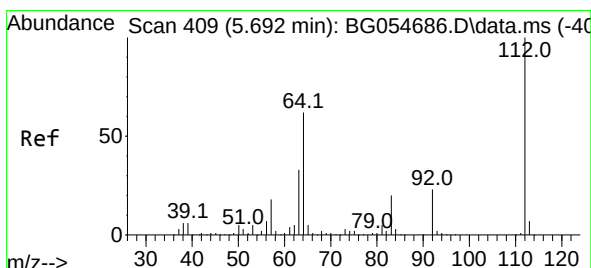
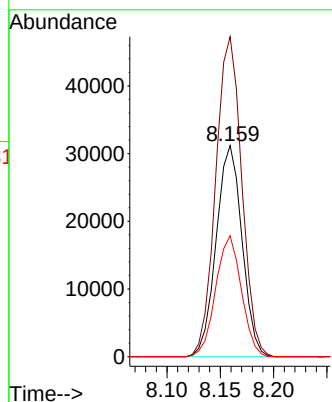
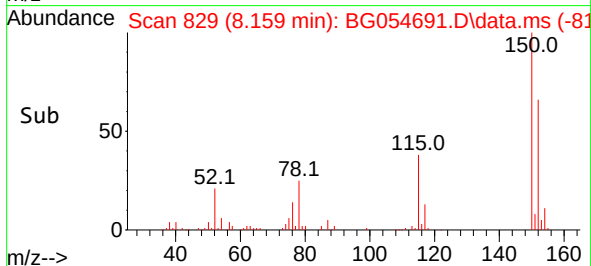


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.159 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

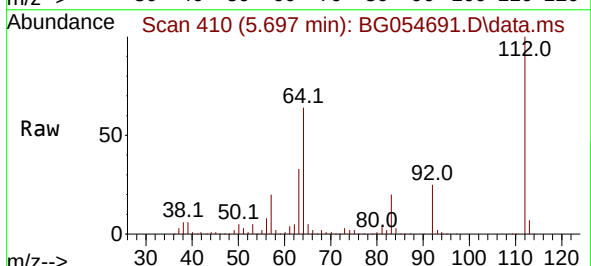
Instrument :
BNA_G
ClientSampleId :
PB147074TB



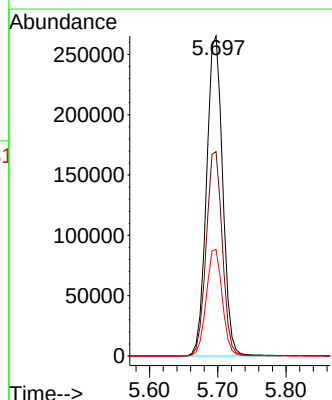
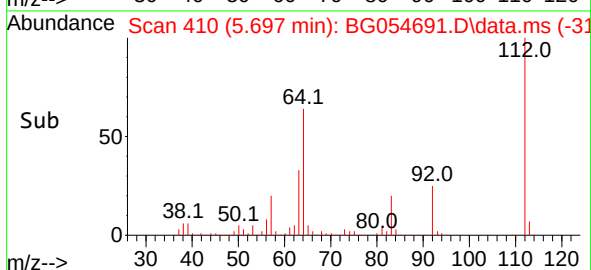
Tgt Ion:152 Resp: 52376
Ion Ratio Lower Upper
152 100
150 151.6 125.2 187.8
115 57.3 47.9 71.9

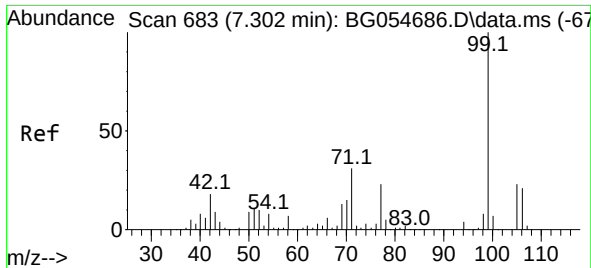


#5
2-Fluorophenol
Concen: 156.880 ng
RT: 5.697 min Scan# 410
Delta R.T. 0.005 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37



Tgt Ion:112 Resp: 436037
Ion Ratio Lower Upper
112 100
64 63.9 49.3 73.9
63 33.2 26.3 39.5

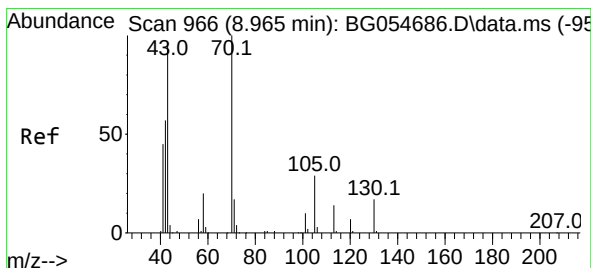
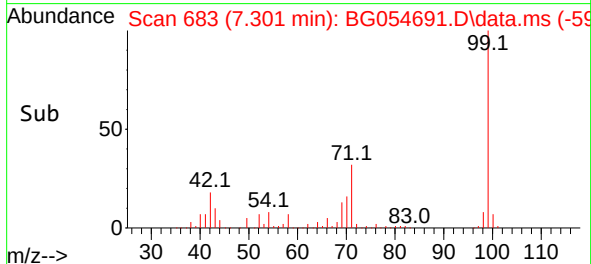
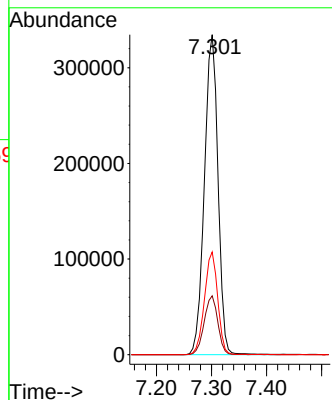
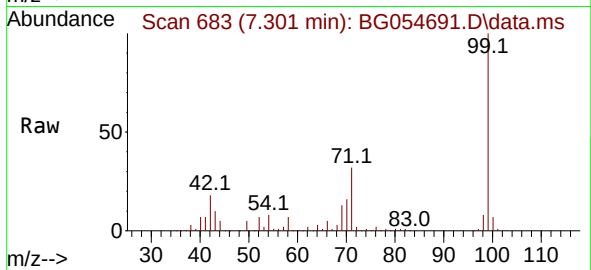




#7
Phenol-d6
Concen: 147.269 ng
RT: 7.301 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

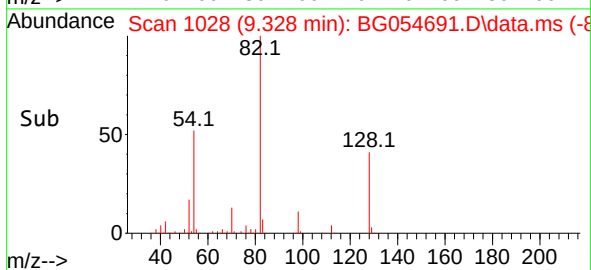
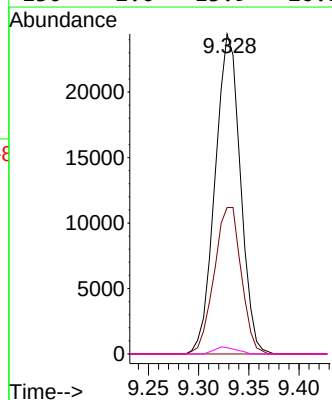
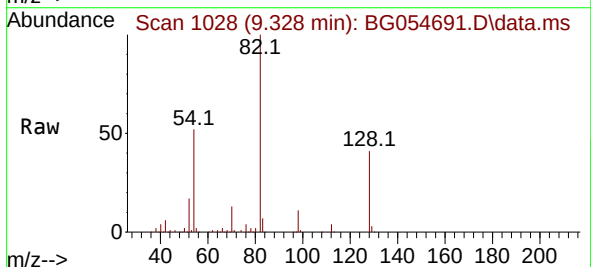
Instrument :
BNA_G
ClientSampleId :
PB147074TB

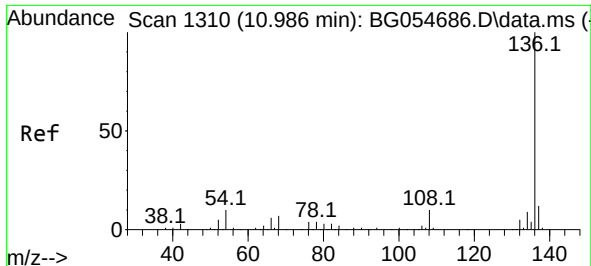
Tgt Ion: 99 Resp: 573544
Ion Ratio Lower Upper
99 100
42 18.4 14.6 22.0
71 32.1 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.587 ng
RT: 9.328 min Scan# 1028
Delta R.T. 0.364 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

Tgt Ion: 70 Resp: 42711
Ion Ratio Lower Upper
70 100
42 45.8 46.6 69.8#
101 0.0 7.7 11.5#
130 2.0 13.9 20.9#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.985 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

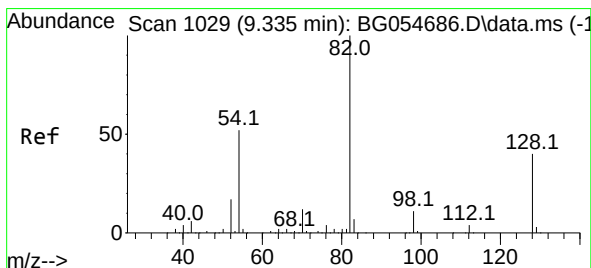
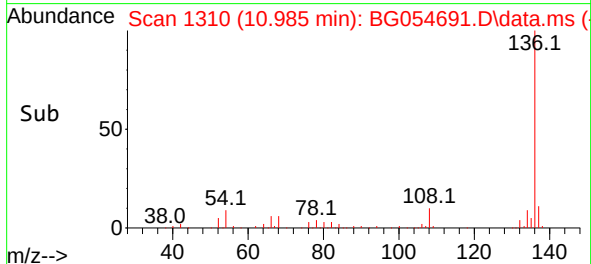
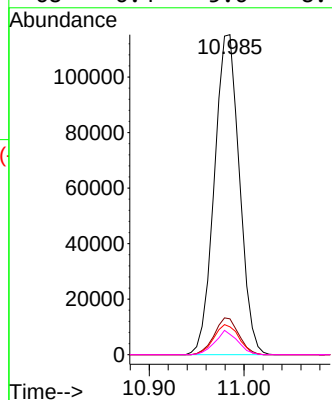
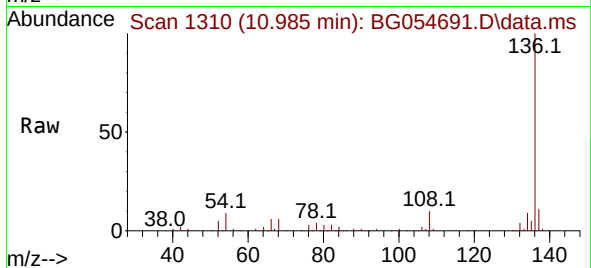
Instrument :

BNA_G

ClientSampleId :

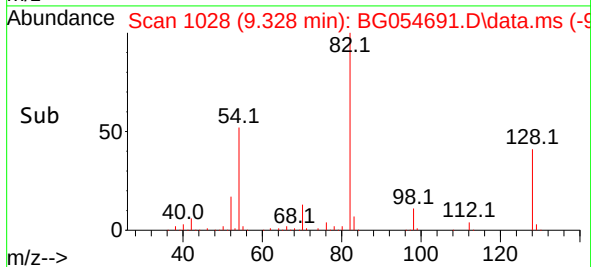
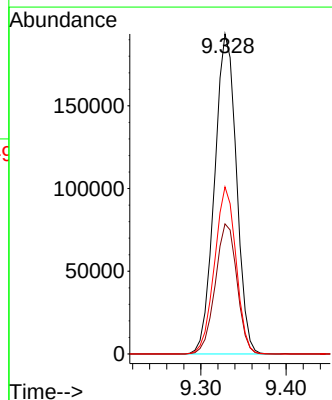
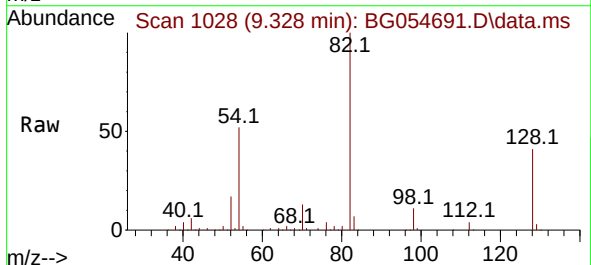
PB147074TB

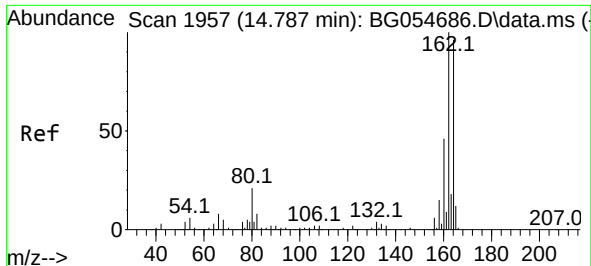
Tgt Ion:136 Resp: 211878
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.7 7.7 11.5
68 6.4 5.6 8.4



#23
Nitrobenzene-d5
Concen: 92.603 ng
RT: 9.328 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

Tgt Ion: 82 Resp: 344286
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.2
54 52.2 41.4 62.0

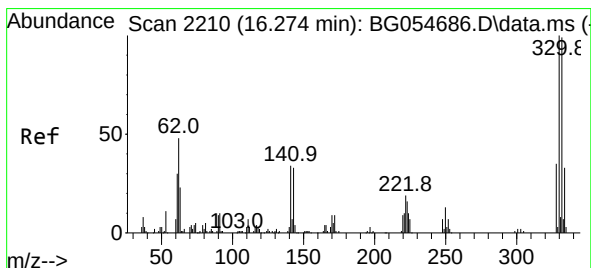
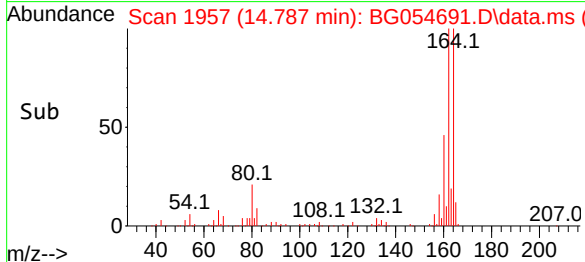
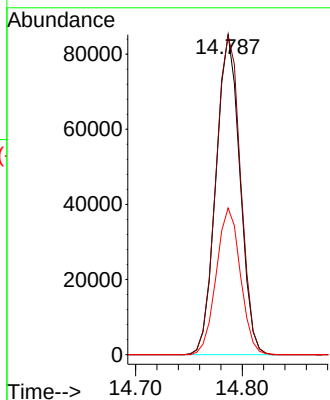
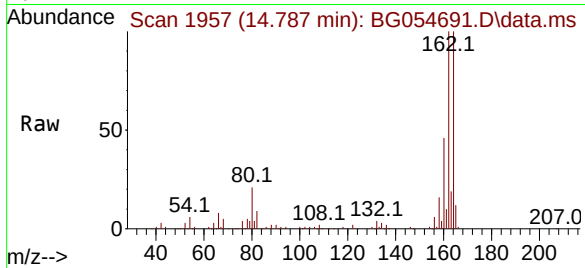




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.787 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

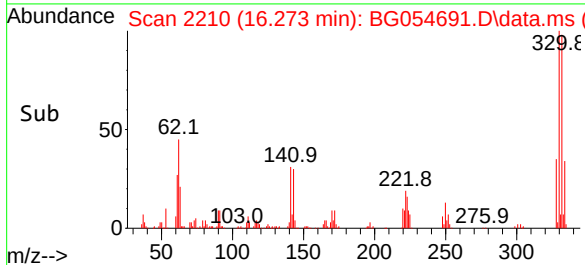
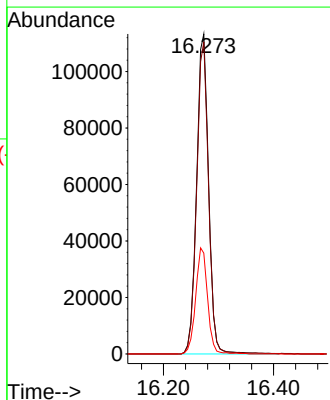
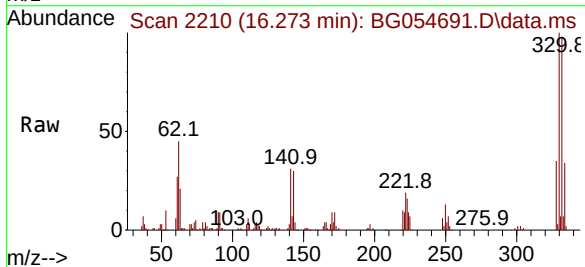
Instrument :
BNA_G
ClientSampleId :
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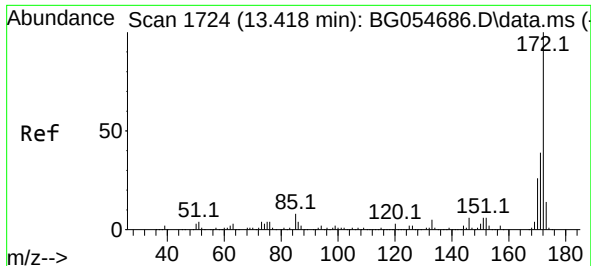
Tgt Ion:164 Resp: 132437
Ion Ratio Lower Upper
164 100
162 99.8 83.0 124.4
160 45.9 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 161.860 ng
RT: 16.273 min Scan# 2210
Delta R.T. -0.000 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

Tgt Ion:330 Resp: 171670
Ion Ratio Lower Upper
330 100
332 96.1 79.8 119.6
141 32.8 26.8 40.2

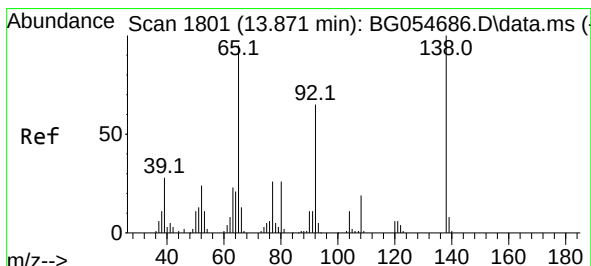
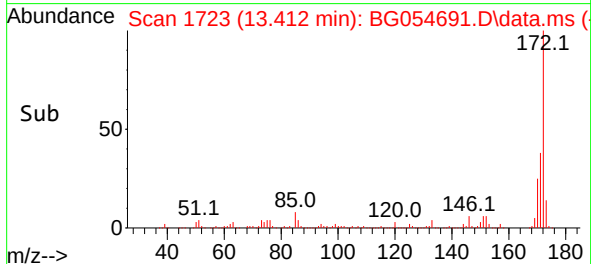
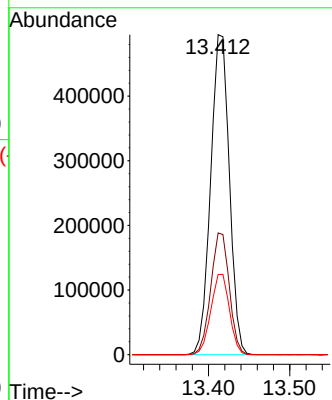
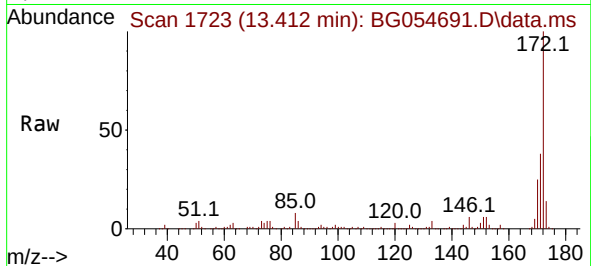




#45
2-Fluorobiphenyl
Concen: 88.155 ng
RT: 13.412 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

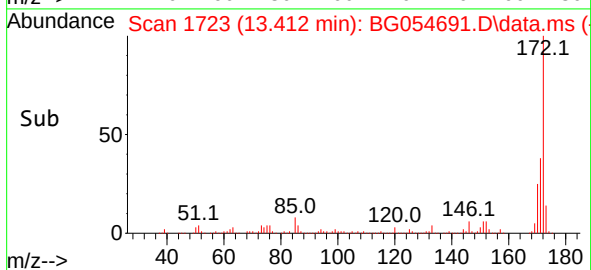
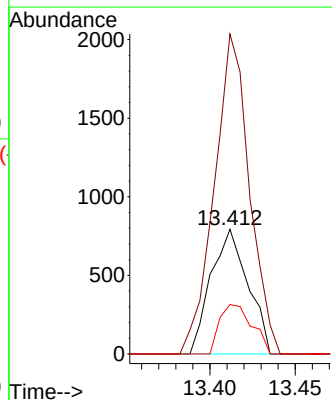
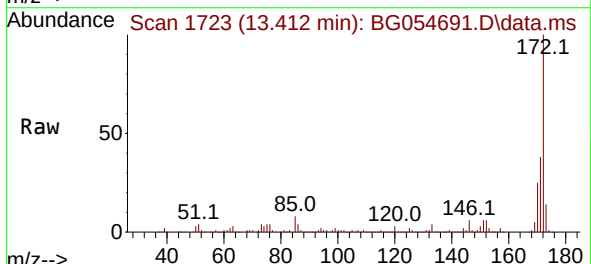
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BNA_G
ClientSampleId :
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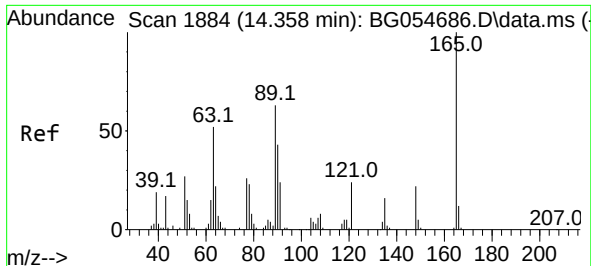
Tgt Ion:172 Resp: 791679
Ion Ratio Lower Upper
172 100
171 38.0 31.2 46.8
170 25.1 20.6 30.8



#48
2-Nitroaniline
Concen: 4.155 ng
RT: 13.412 min Scan# 1723
Delta R.T. -0.459 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

Tgt Ion: 65 Resp: 1199
Ion Ratio Lower Upper
65 100
92 256.7 54.7 82.1#
138 39.7 84.1 126.1#

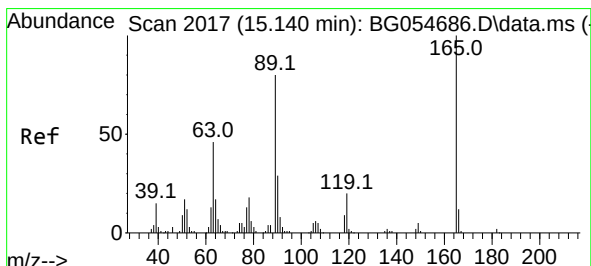
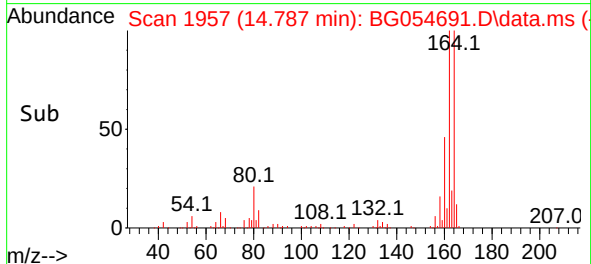
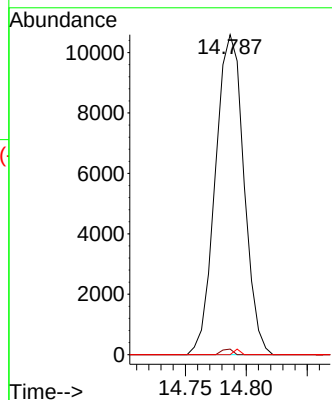
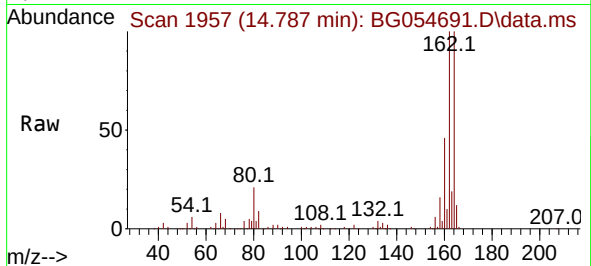




#51
2,6-Dinitrotoluene
Concen: 10.629 ng
RT: 14.787 min Scan# 1957
Delta R.T. 0.429 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

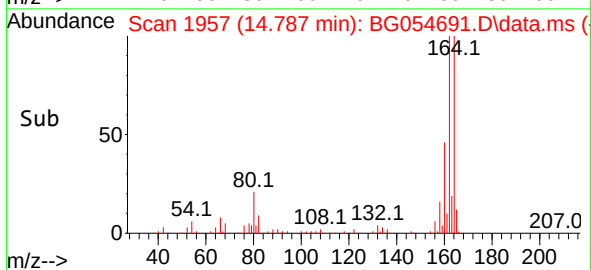
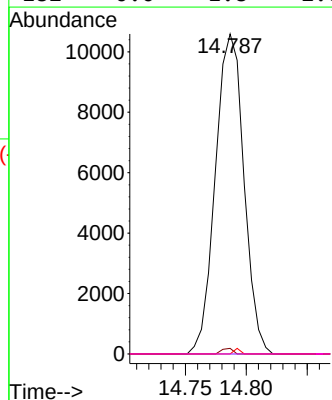
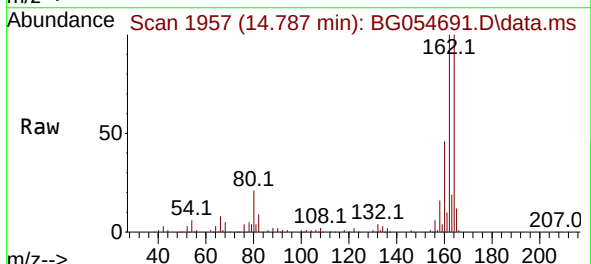
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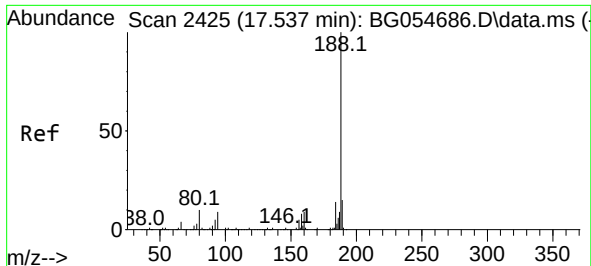
Tgt Ion:165 Resp: 17240
Ion Ratio Lower Upper
165 100
63 1.7 46.0 69.0#
89 0.0 50.3 75.5#



#57
2,4-Dinitrotoluene
Concen: 10.773 ng
RT: 14.787 min Scan# 1957
Delta R.T. -0.353 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

Tgt Ion:165 Resp: 17240
Ion Ratio Lower Upper
165 100
63 1.7 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#

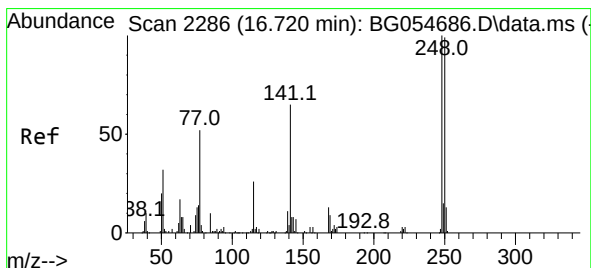
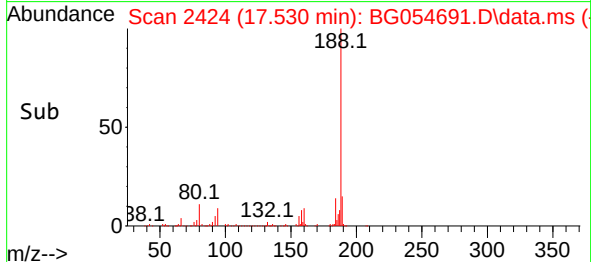
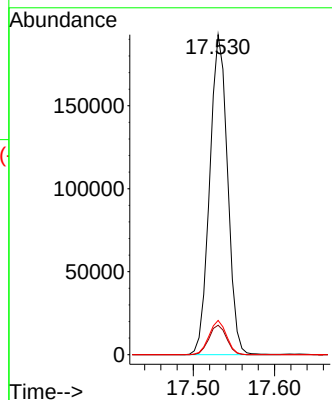
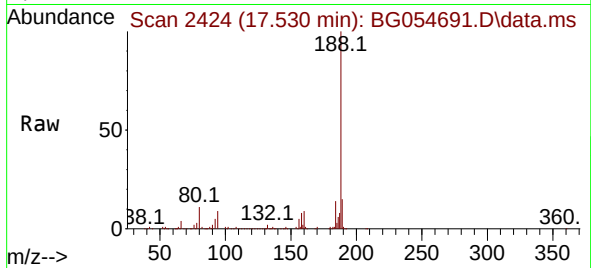




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.530 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

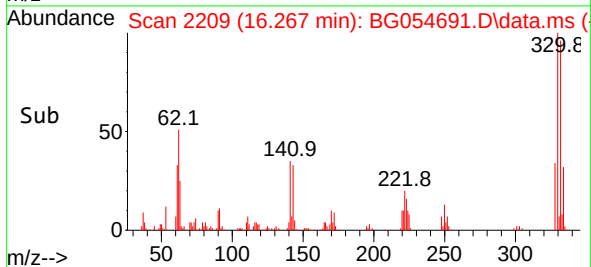
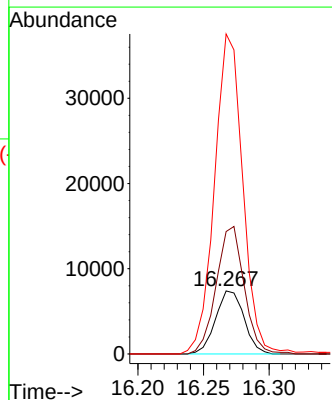
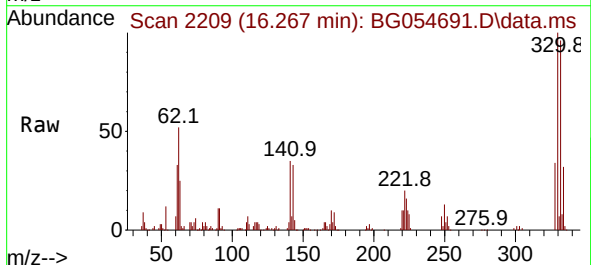
Instrument :
BNA_G
ClientSampleId :
PB147074TB

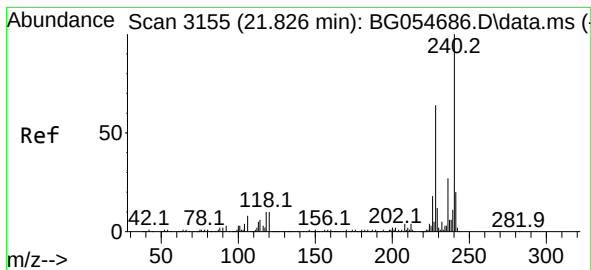
Tgt Ion:188 Resp: 294386
Ion Ratio Lower Upper
188 100
94 9.2 7.0 10.4
80 10.7 7.9 11.9



#67
4-Bromophenyl-phenylether
Concen: 3.937 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.453 min
Lab File: BG054691.D
Acq: 22 Aug 2022 21:37

Tgt Ion:248 Resp: 11157
Ion Ratio Lower Upper
248 100
250 194.0 78.8 118.2#
141 506.9 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.820 min Scan# 3154

Delta R.T. -0.006 min

Lab File: BG054691.D

Acq: 22 Aug 2022 21:37

Instrument :

BNA_G

ClientSampleId :

PB147074TB

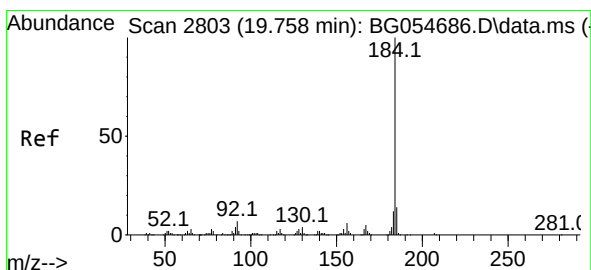
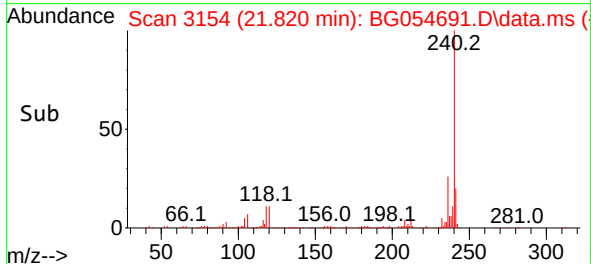
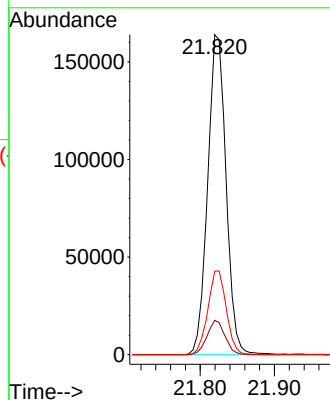
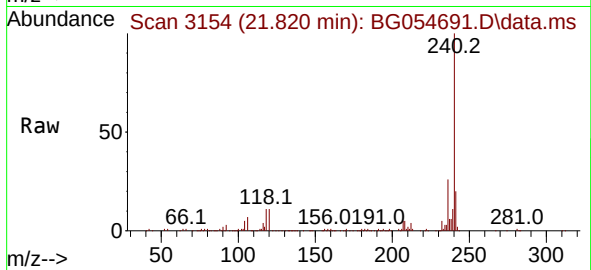
Tgt Ion:240 Resp: 282159

Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.4

236 26.1 21.2 31.8



#77

Benzidine

Concen: 3.311 ng

RT: 20.133 min Scan# 2867

Delta R.T. 0.376 min

Lab File: BG054691.D

Acq: 22 Aug 2022 21:37

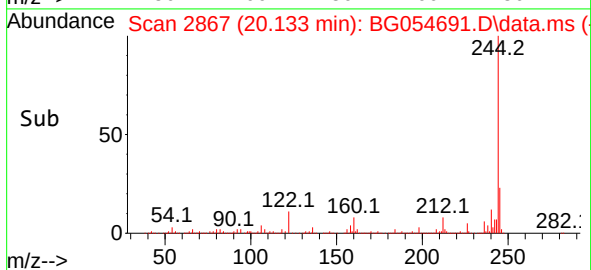
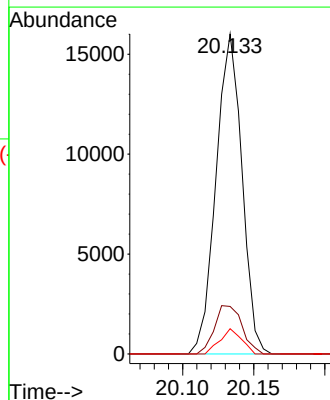
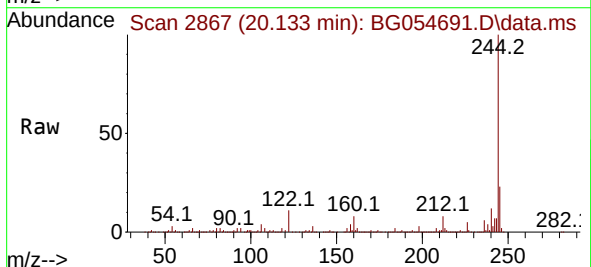
Tgt Ion:184 Resp: 20282

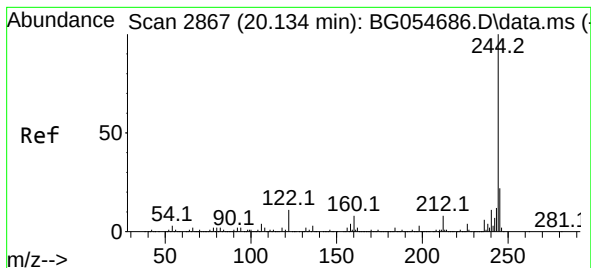
Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.0

183 7.9 9.8 14.8#





#79

Terphenyl-d14

Concen: 91.897 ng

RT: 20.133 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG054691.D

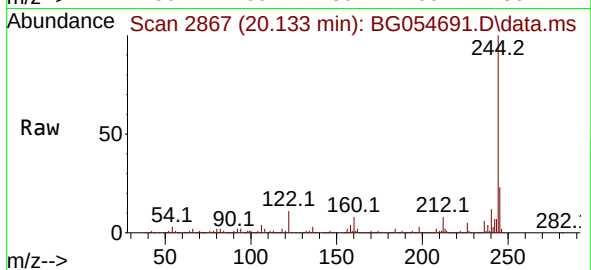
Acq: 22 Aug 2022 21:37

Instrument :

BNA_G

ClientSampleId :

PB147074TB



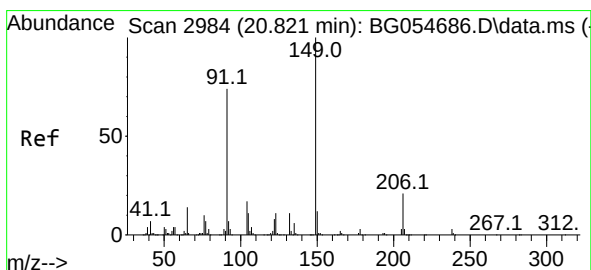
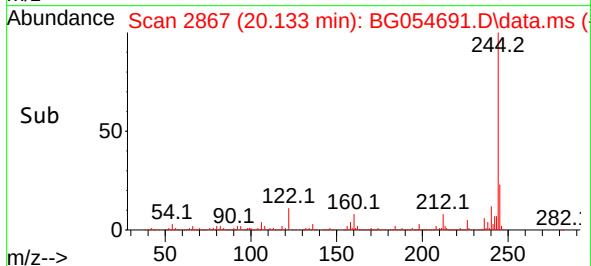
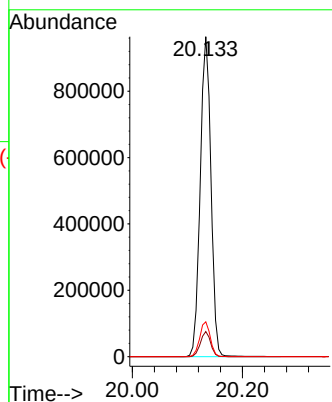
Tgt Ion:244 Resp: 1305305

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 10.9 9.0 13.6



#80

Butylbenzylphthalate

Concen: 5.160 ng

RT: 21.115 min Scan# 3034

Delta R.T. 0.293 min

Lab File: BG054691.D

Acq: 22 Aug 2022 21:37

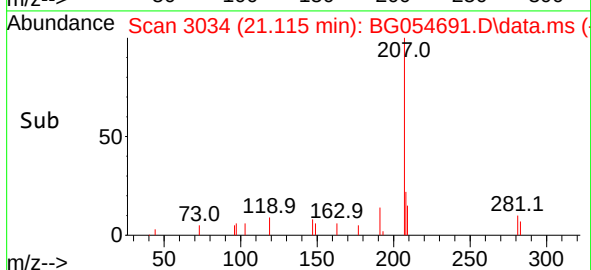
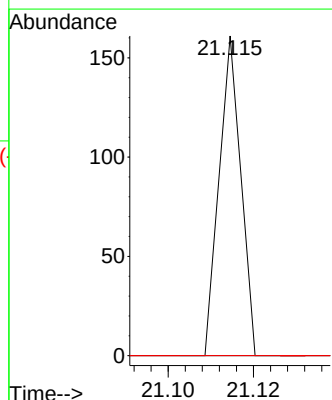
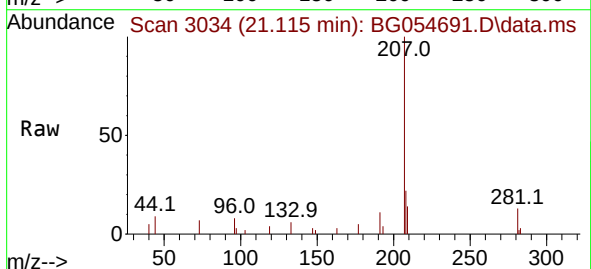
Tgt Ion:149 Resp: 57

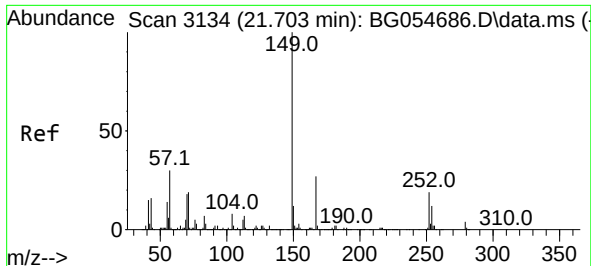
Ion Ratio Lower Upper

149 100

91 0.0 59.5 89.3#

206 0.0 16.6 25.0#

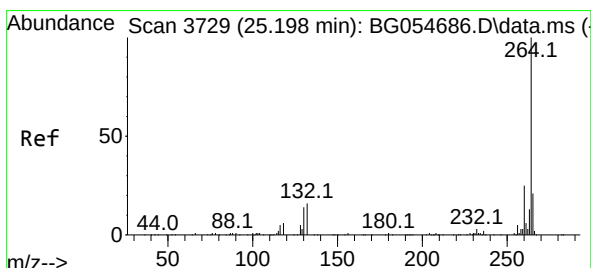
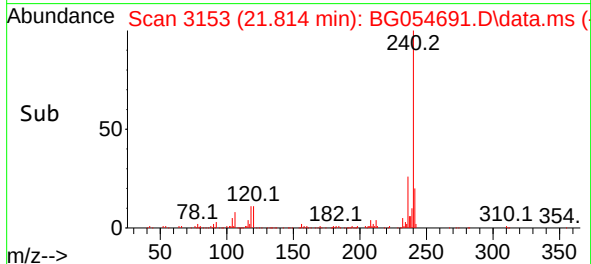
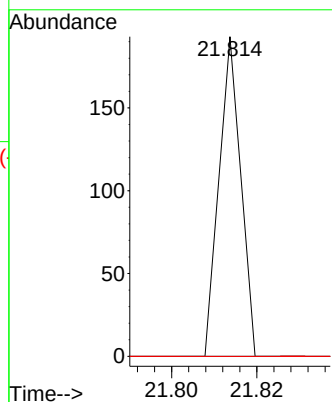
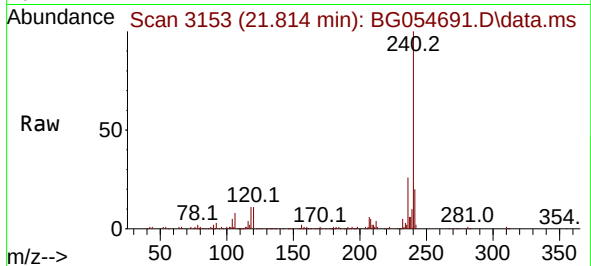




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.209 ng
 RT: 21.814 min Scan# 3153
 Delta R.T. 0.111 min
 Lab File: BG054691.D
 Acq: 22 Aug 2022 21:37

Instrument :
 BNA_G
 ClientSampleId :
 PB147074TB

Tgt Ion:149 Resp: 68
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.4 32.0#
 279 0.0 3.1 4.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.192 min Scan# 3728
 Delta R.T. -0.006 min
 Lab File: BG054691.D
 Acq: 22 Aug 2022 21:37

Tgt Ion:264 Resp: 282114
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.9 29.9
 265 21.6 16.9 25.3

