

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055828.D
 Acq On : 29 Nov 2022 14:37
 Operator : CG/JU
 Sample : N5787-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-24-STOCK

Quant Time: Nov 30 02:04:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

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

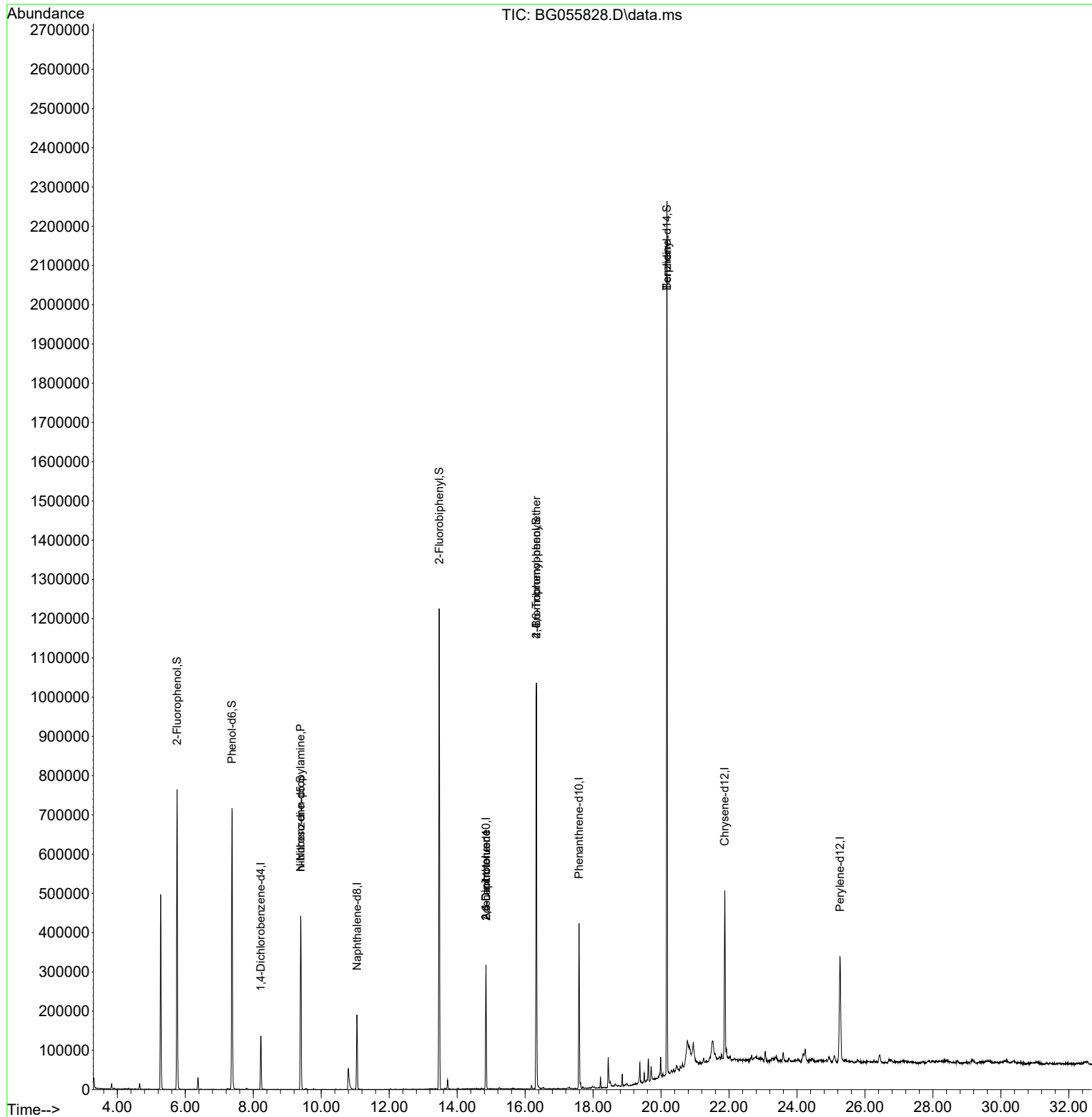
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	39618	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	161307	20.000	ng	0.00
39) Acenaphthene-d10	14.847	164	114180	20.000	ng	0.00
64) Phenanthrene-d10	17.585	188	277963	20.000	ng	0.00
76) Chrysene-d12	21.874	240	273392	20.000	ng	0.00
86) Perylene-d12	25.264	264	294240	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.758	112	324011	147.826	ng	0.00
7) Phenol-d6	7.373	99	416298	142.680	ng	0.00
23) Nitrobenzene-d5	9.395	82	264320	86.609	ng	0.00
42) 2,4,6-Tribromophenol	16.334	330	227626	141.576	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	640066	83.981	ng	0.00
79) Terphenyl-d14	20.176	244	1143730	83.675	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.395	70	35848	15.991	ng	# 73
51) 2,6-Dinitrotoluene	14.847	165	14790	7.947	ng	# 24
57) 2,4-Dinitrotoluene	14.847	165	14790	5.637	ng	# 22
67) 4-Bromophenyl-phenylether	16.334	248	14744	4.655	ng	# 1
77) Benzidine	20.176	184	18625	2.945	ng	# 90

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

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QLast Update : Wed Nov 30 02:01:09 2022
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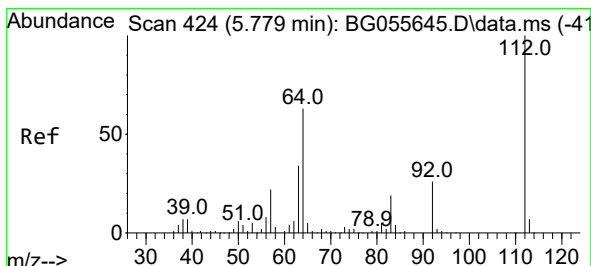
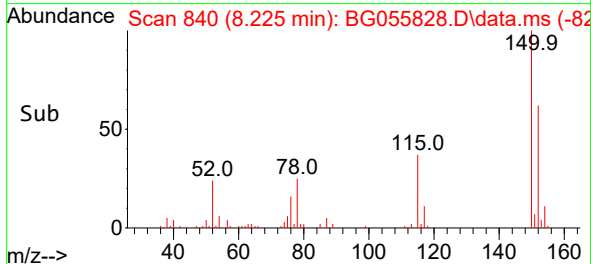
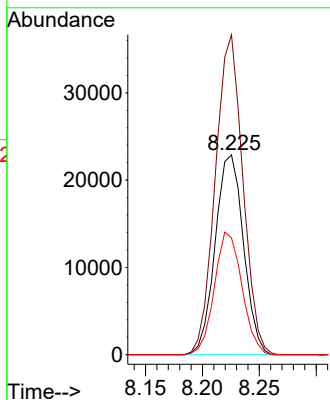
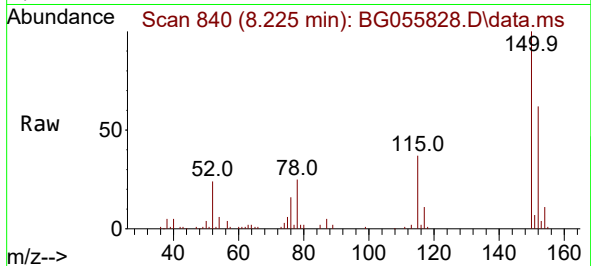




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

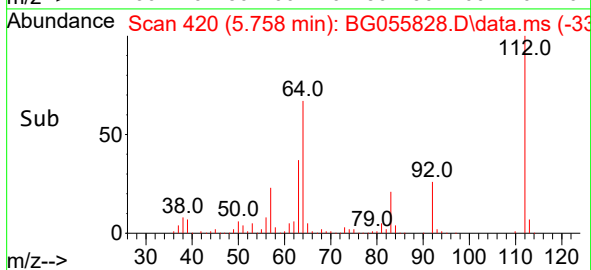
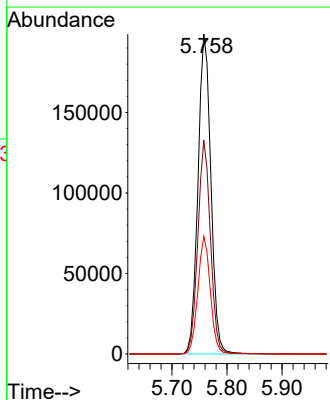
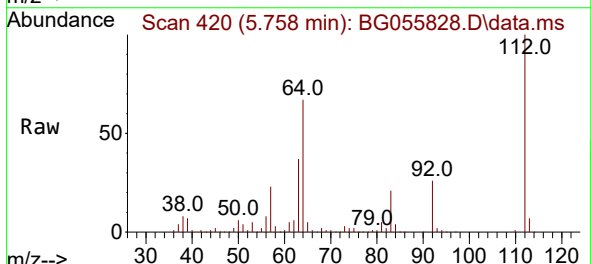
Instrument :
BNA_G
ClientSampleId :
SB-24-STOCK

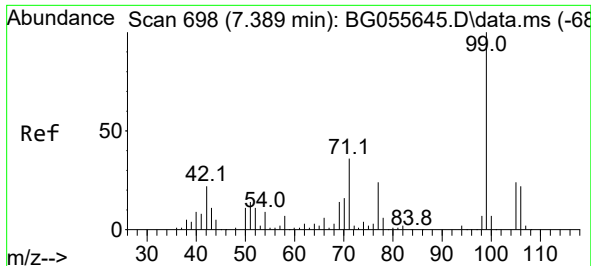
Tgt Ion:152 Resp: 39618
Ion Ratio Lower Upper
152 100
150 160.1 123.0 184.6
115 58.5 47.0 70.4



#5
2-Fluorophenol
Concen: 147.826 ng
RT: 5.758 min Scan# 420
Delta R.T. -0.000 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

Tgt Ion:112 Resp: 324011
Ion Ratio Lower Upper
112 100
64 66.8 50.6 76.0
63 36.7 27.5 41.3

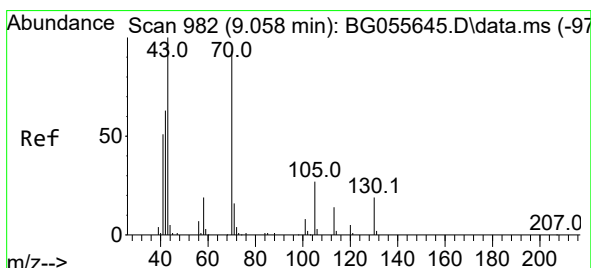
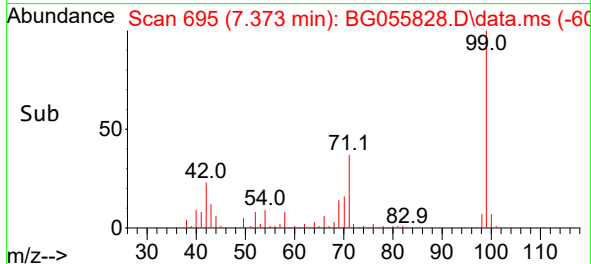
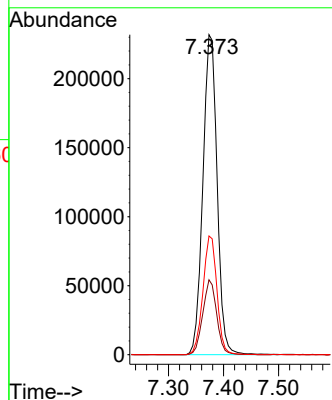
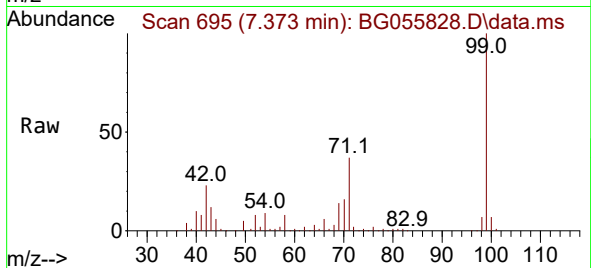




#7
Phenol-d6
Concen: 142.680 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

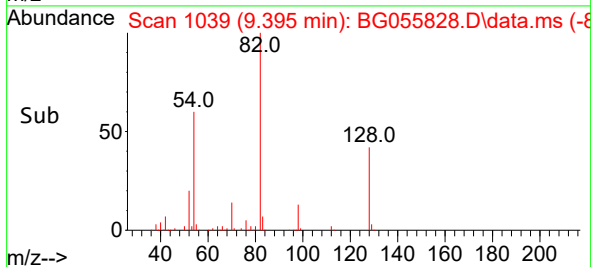
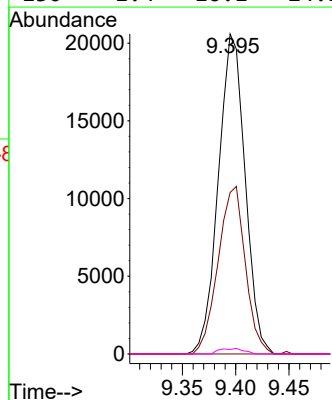
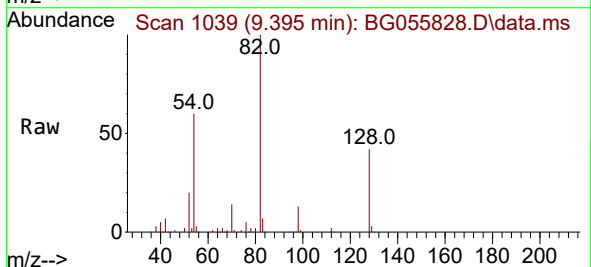
Instrument :
BNA_G
ClientSampleId :
SB-24-STOCK

Tgt Ion: 99 Resp: 416298
Ion Ratio Lower Upper
99 100
42 23.4 18.0 27.0
71 37.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.991 ng
RT: 9.395 min Scan# 1039
Delta R.T. 0.364 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

Tgt Ion: 70 Resp: 35848
Ion Ratio Lower Upper
70 100
42 50.5 55.2 82.8#
101 0.0 7.1 10.7#
130 1.4 16.1 24.1#

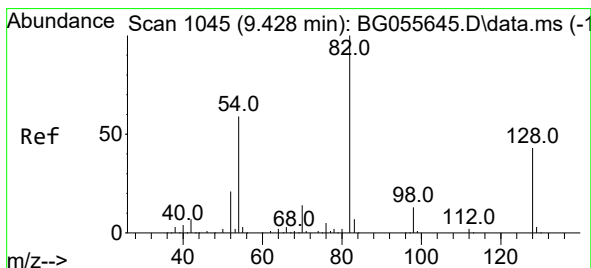
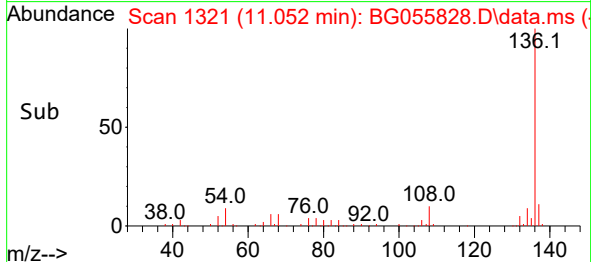
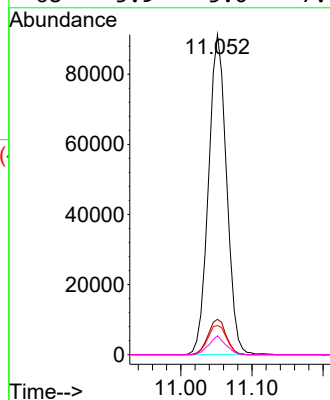
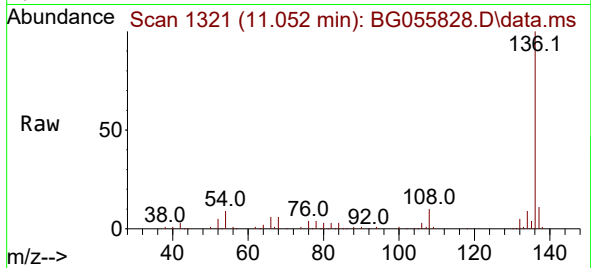




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

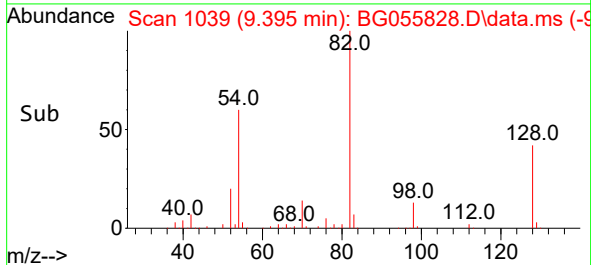
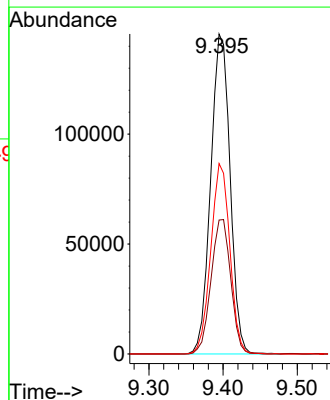
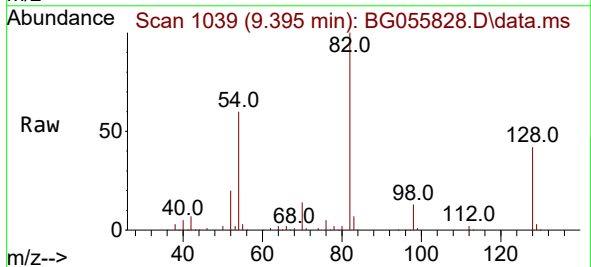
Instrument :
BNA_G
ClientSampleId :
SB-24-STOCK

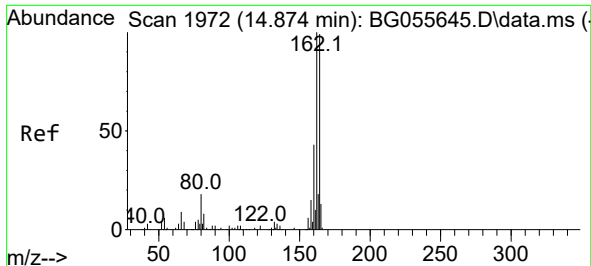
Tgt Ion:	136	Resp:	161307
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	9.1	7.8	11.6
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.609 ng
RT: 9.395 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

Tgt Ion:	82	Resp:	264320
Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.1	51.1
54	59.5	47.3	70.9

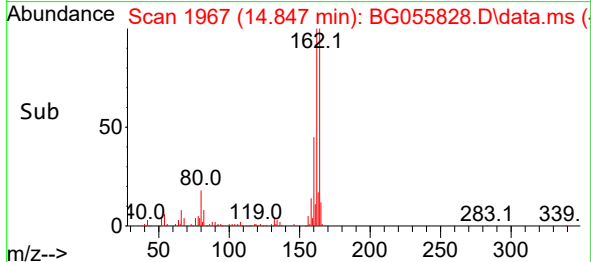
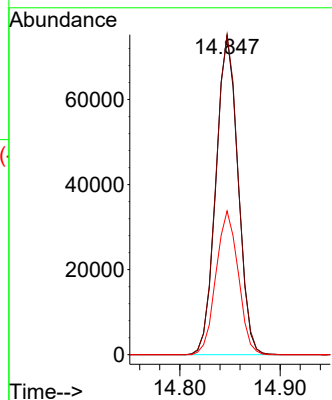
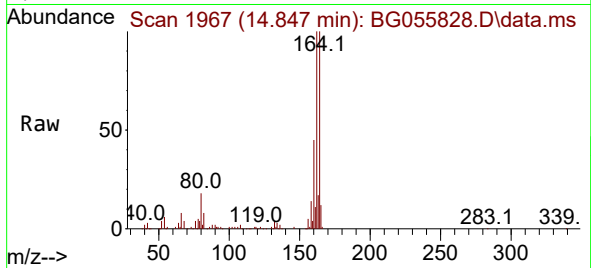




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.847 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

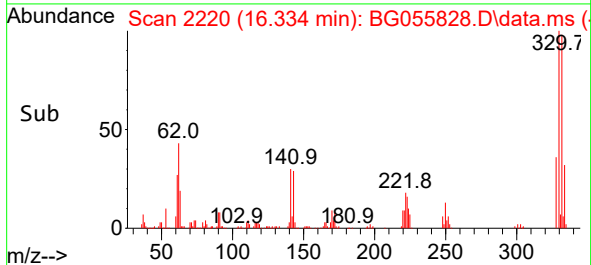
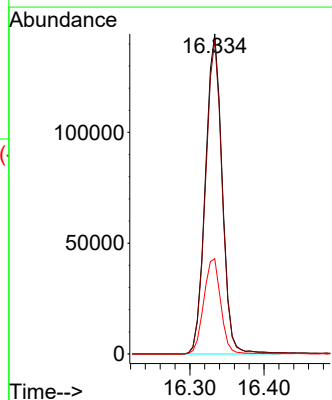
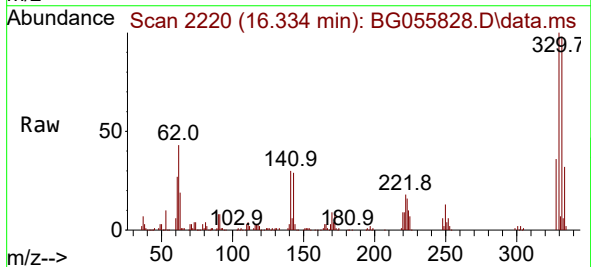
Instrument :
BNA_G
ClientSampleId :
SB-24-STOCK

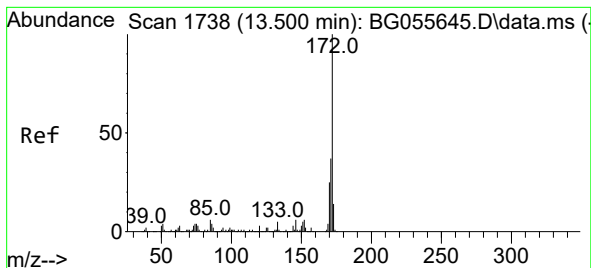
Tgt Ion:164 Resp: 114180
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 45.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 141.576 ng
RT: 16.334 min Scan# 2220
Delta R.T. -0.000 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

Tgt Ion:330 Resp: 227626
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 30.3 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 83.981 ng

RT: 13.472 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG055828.D

Acq: 29 Nov 2022 14:37

Instrument :

BNA_G

ClientSampleId :

SB-24-STOCK

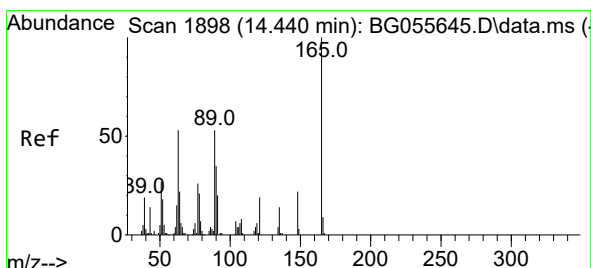
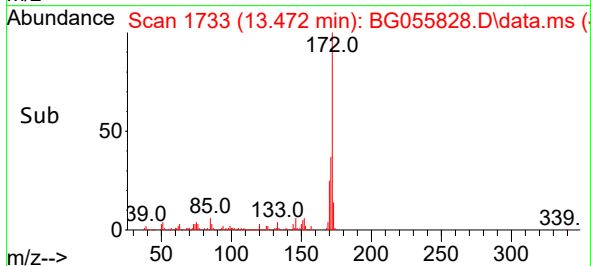
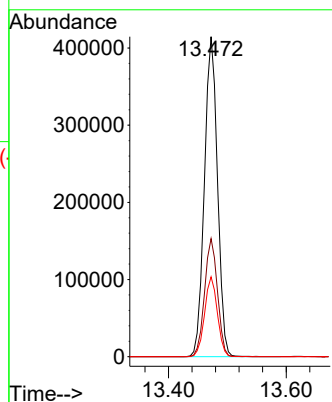
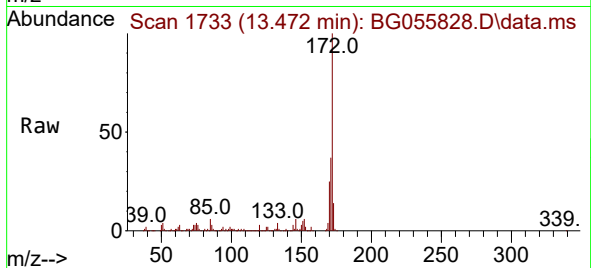
Tgt Ion:172 Resp: 640066

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

170 24.9 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.947 ng

RT: 14.847 min Scan# 1967

Delta R.T. 0.429 min

Lab File: BG055828.D

Acq: 29 Nov 2022 14:37

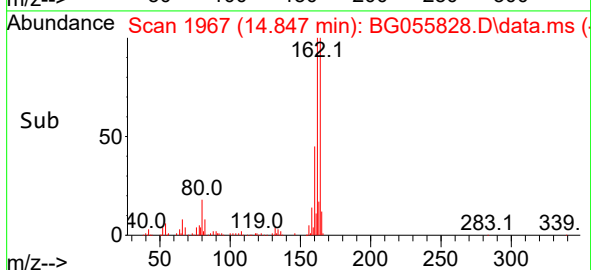
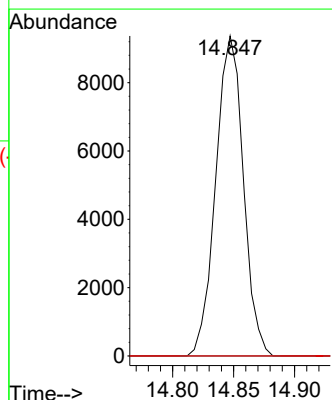
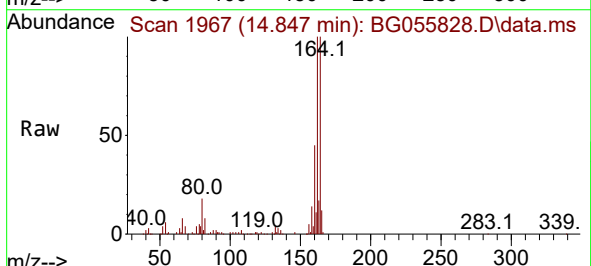
Tgt Ion:165 Resp: 14790

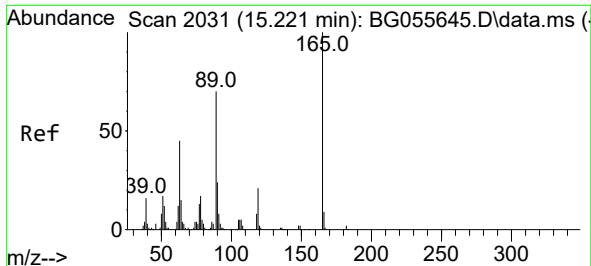
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 42.2 63.4#

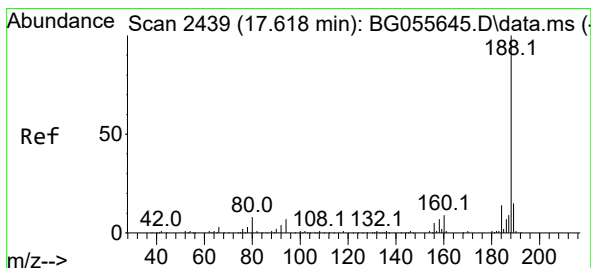
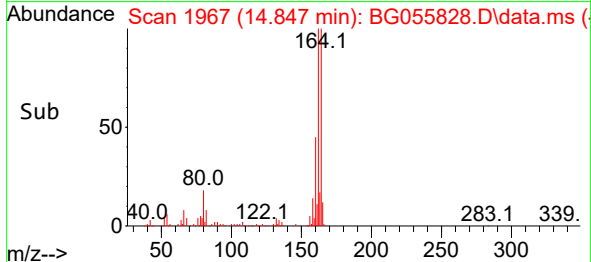
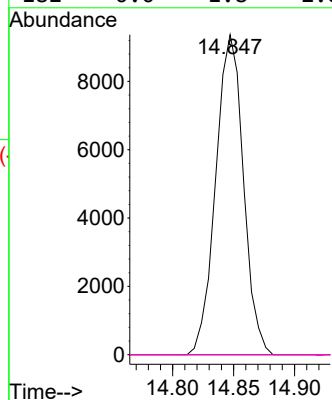
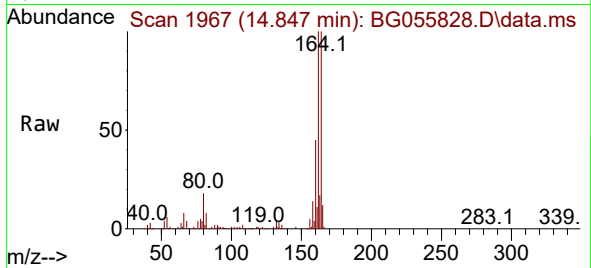




#57
2,4-Dinitrotoluene
Concen: 5.637 ng
RT: 14.847 min Scan# 1967
Delta R.T. -0.359 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

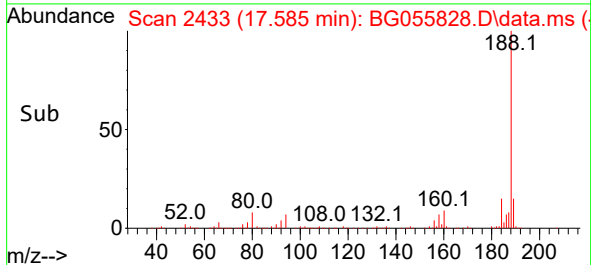
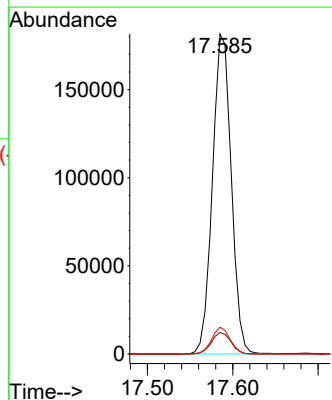
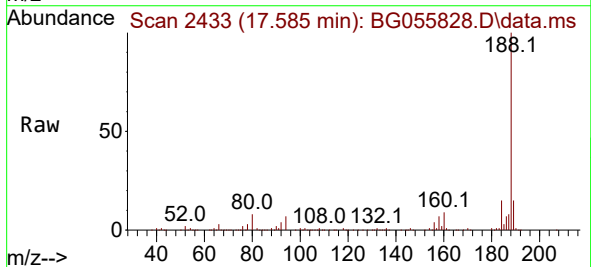
Instrument :
BNA_G
ClientSampleId :
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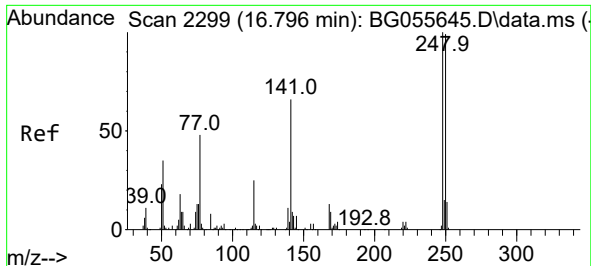
Tgt Ion:165 Resp: 14790
Ion Ratio Lower Upper
165 100
63 0.0 35.8 53.8#
89 0.0 56.2 84.4#
182 0.0 1.8 2.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.585 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

Tgt Ion:188 Resp: 277963
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.2
80 8.3 6.6 10.0

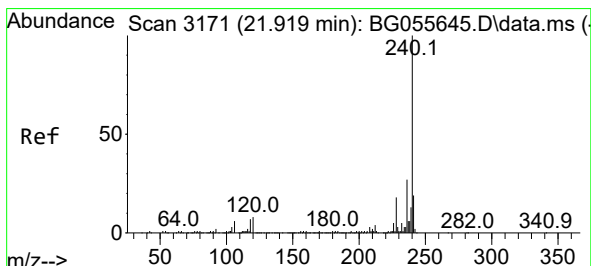
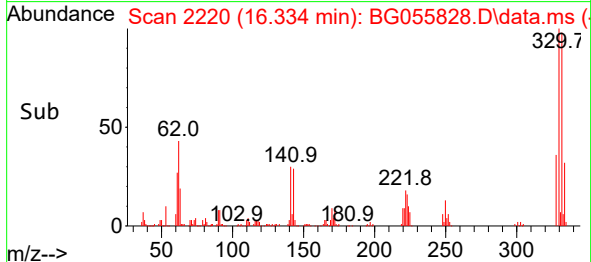
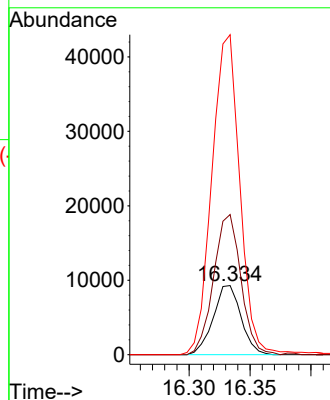
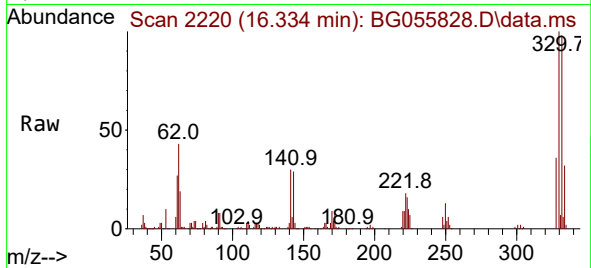




#67
4-Bromophenyl-phenylether
Concen: 4.655 ng
RT: 16.334 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

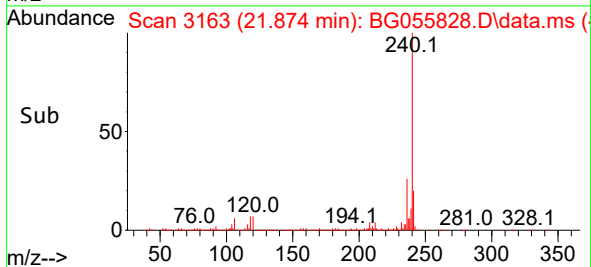
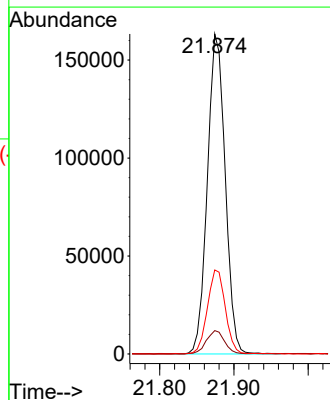
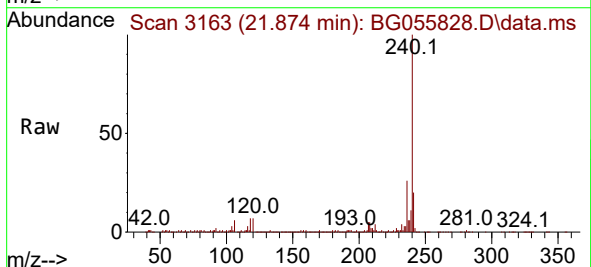
Instrument :
BNA_G
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SB-24-STOCK

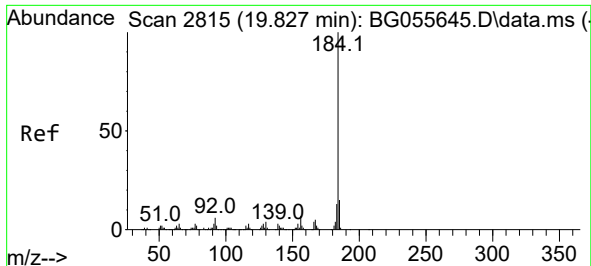
Tgt Ion:248 Resp: 14744
Ion Ratio Lower Upper
248 100
250 202.9 79.0 118.4#
141 463.1 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.874 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

Tgt Ion:240 Resp: 273392
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 26.3 21.9 32.9

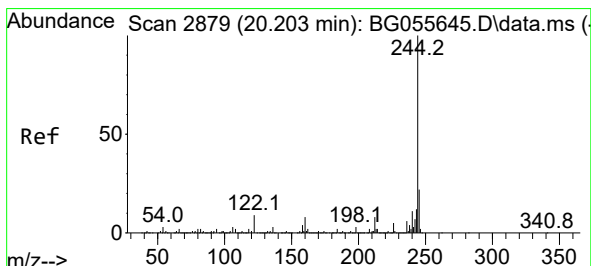
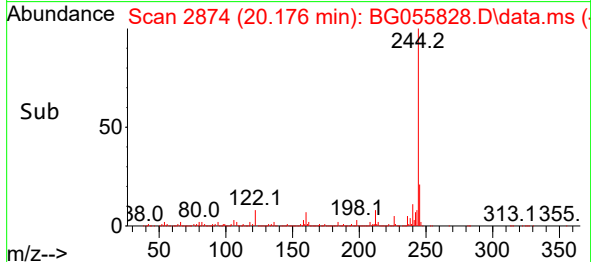
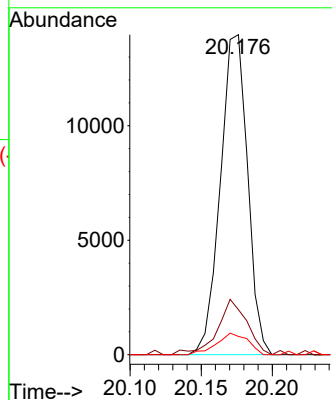
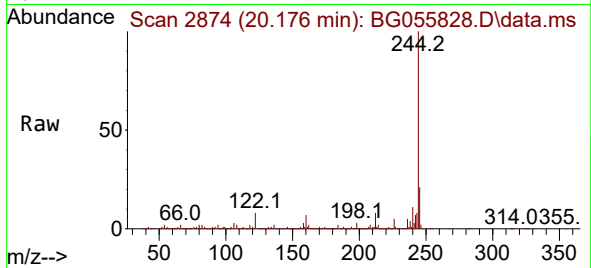




#77
Benzidine
Concen: 2.945 ng
RT: 20.176 min Scan# 2874
Delta R.T. 0.376 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

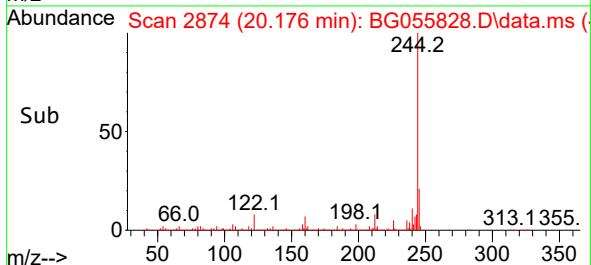
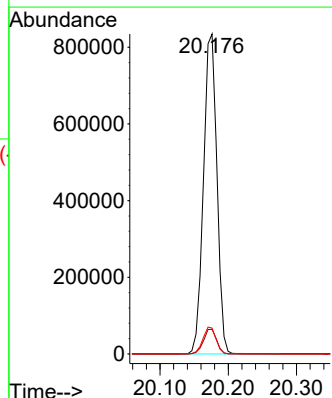
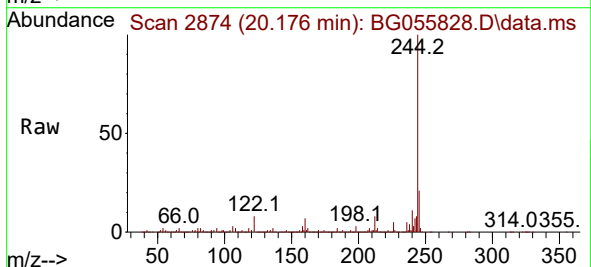
Instrument :
BNA_G
ClientSampleId :
SB-24-STOCK

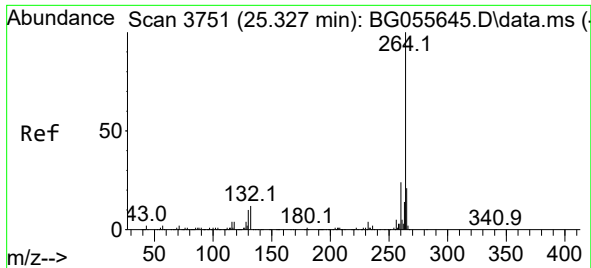
Tgt Ion:184 Resp: 18625
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.8
183 5.7 10.6 15.8#



#79
Terphenyl-d14
Concen: 83.675 ng
RT: 20.176 min Scan# 2874
Delta R.T. -0.000 min
Lab File: BG055828.D
Acq: 29 Nov 2022 14:37

Tgt Ion:244 Resp: 1143730
Ion Ratio Lower Upper
244 100
212 7.7 6.3 9.5
122 8.1 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.264 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055828.D
 Acq: 29 Nov 2022 14:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-24-STOCK

Tgt Ion:264 Resp: 294240
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 22.7 17.1 25.7

