

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081023\
 Data File : BG058679.D
 Acq On : 10 Aug 2023 14:55
 Operator : MA/JU
 Sample : PB154742BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB154742BL

Quant Time: Aug 11 01:55:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

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

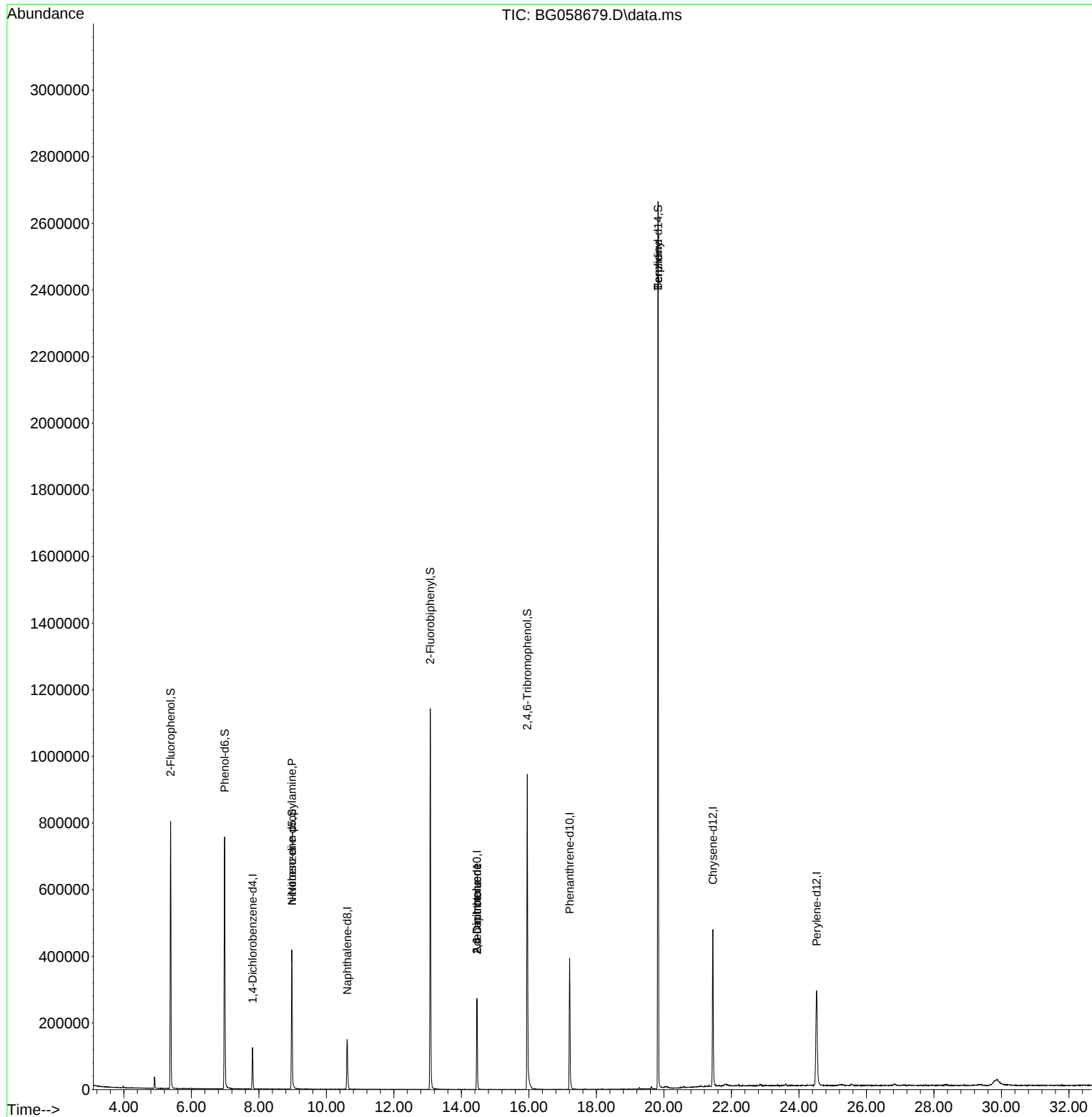
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.813	152	35577	20.000	ng	0.00
21) Naphthalene-d8	10.615	136	144951	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	107234	20.000	ng	0.00
64) Phenanthrene-d10	17.208	188	294773	20.000	ng	0.00
76) Chrysene-d12	21.450	240	291321	20.000	ng	0.00
86) Perylene-d12	24.523	264	354629	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	343699	147.660	ng	0.00
7) Phenol-d6	6.984	99	467941	144.476	ng	0.00
23) Nitrobenzene-d5	8.976	82	271764	92.103	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	235180	133.804	ng	0.00
45) 2-Fluorobiphenyl	13.077	172	641984	89.717	ng	0.00
79) Terphenyl-d14	19.828	244	1455626	93.963	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.976	70	32770	15.664	ng	Qvalue # 81
51) 2,6-Dinitrotoluene	14.458	165	13982	7.912	ng	# 24
57) 2,4-Dinitrotoluene	14.458	165	13982	5.707	ng	# 24
77) Benzidine	19.828	184	18572	4.204	ng	# 94

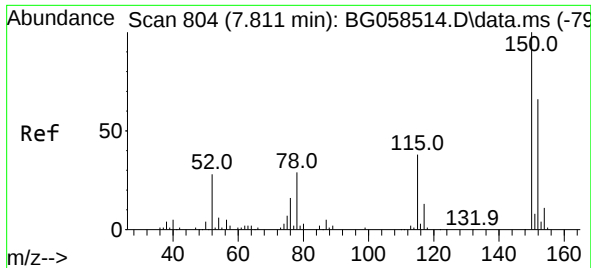
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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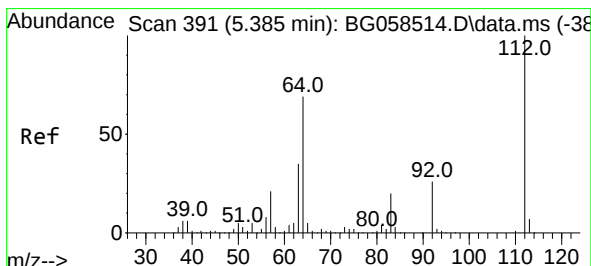
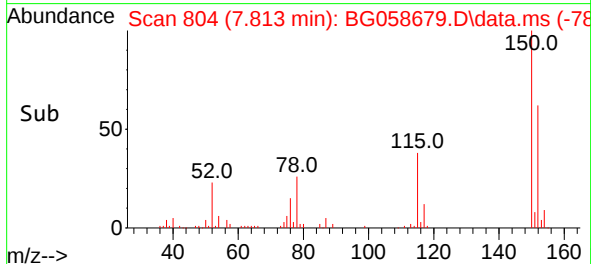
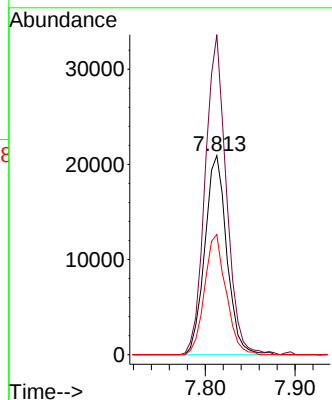
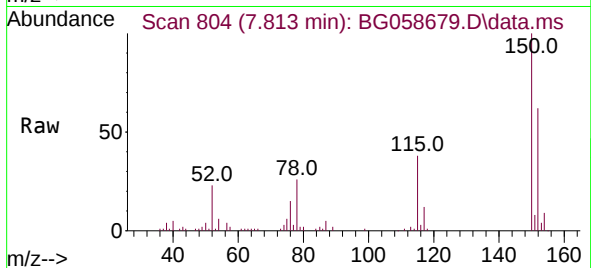




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.813 min Scan# 804
Delta R.T. 0.002 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

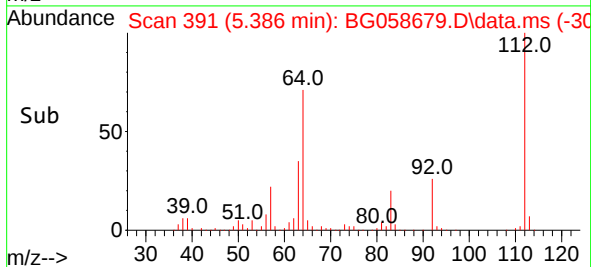
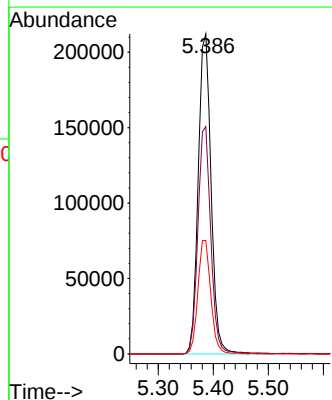
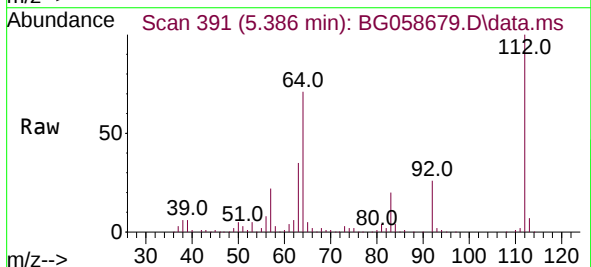
Instrument :
BNA_G
ClientSampleId :
PB154742BL

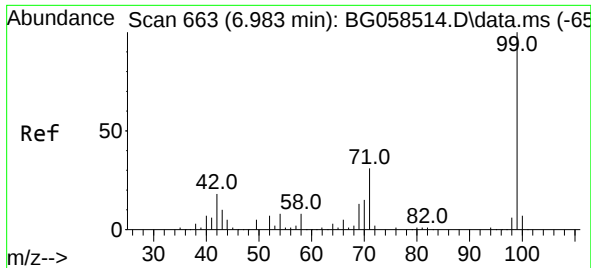
Tgt Ion:152 Resp: 35577
Ion Ratio Lower Upper
152 100
150 160.8 120.5 180.7
115 60.3 45.9 68.9



#5
2-Fluorophenol
Concen: 147.660 ng
RT: 5.386 min Scan# 391
Delta R.T. 0.002 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

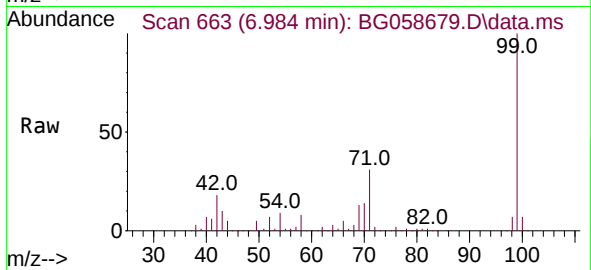
Tgt Ion:112 Resp: 343699
Ion Ratio Lower Upper
112 100
64 71.0 55.3 82.9
63 35.5 28.3 42.5



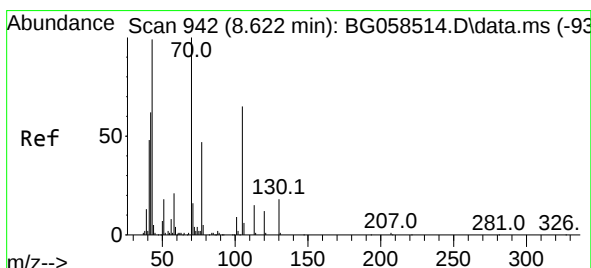
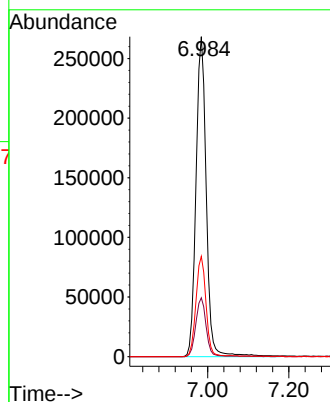
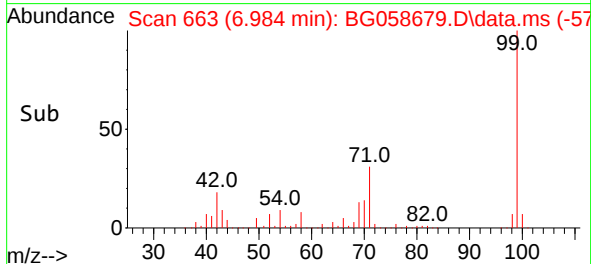


#7
Phenol-d6
Concen: 144.476 ng
RT: 6.984 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

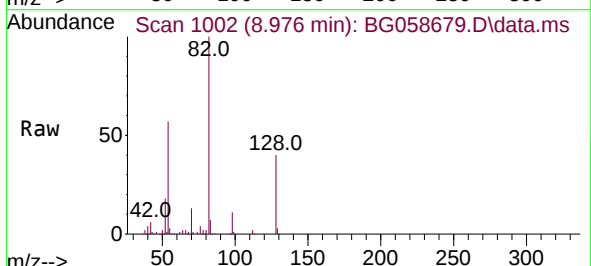
Instrument :
BNA_G
ClientSampleId :
PB154742BL



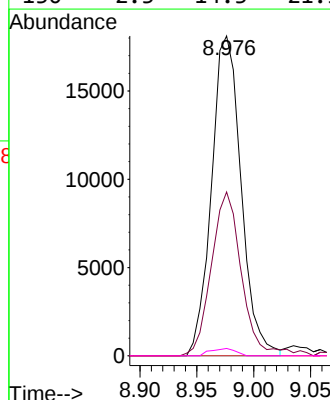
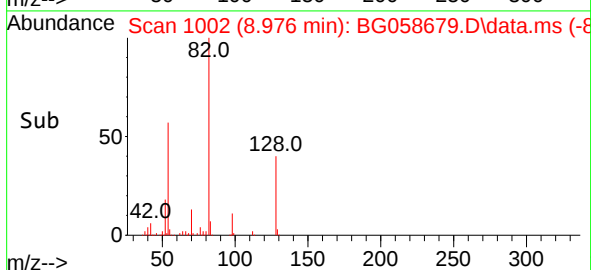
Tgt Ion: 99 Resp: 467941
Ion Ratio Lower Upper
99 100
42 18.4 14.6 21.8
71 31.3 25.0 37.4

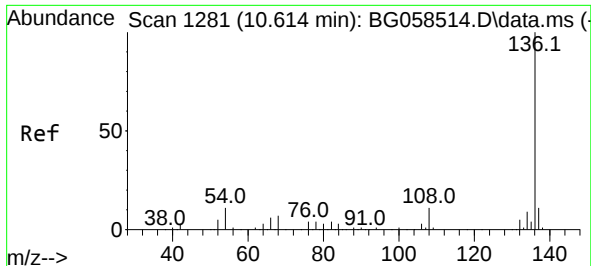


#19
n-Nitroso-di-n-propylamine
Concen: 15.664 ng
RT: 8.976 min Scan# 1002
Delta R.T. 0.354 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55



Tgt Ion: 70 Resp: 32770
Ion Ratio Lower Upper
70 100
42 51.2 49.7 74.5
101 0.0 7.0 10.4#
130 2.3 14.3 21.5#

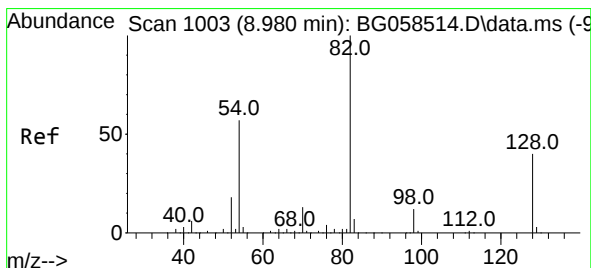
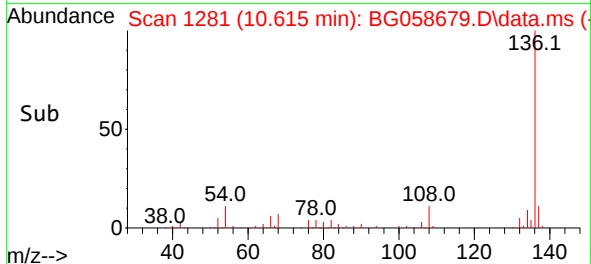
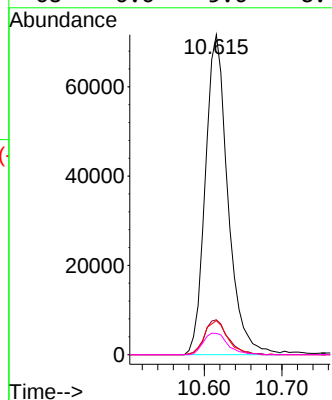
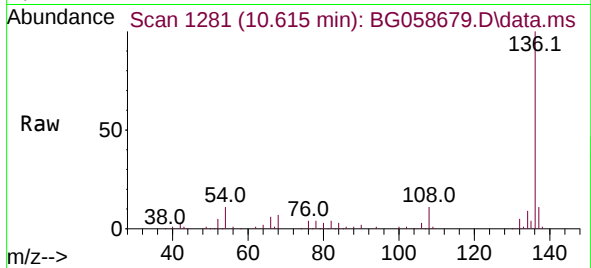




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.615 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

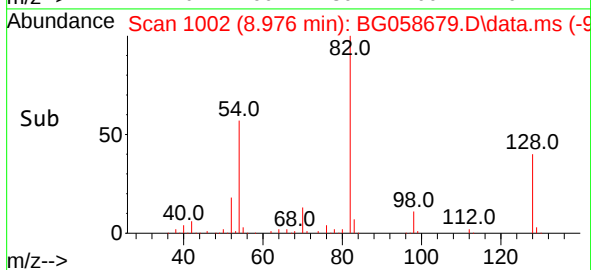
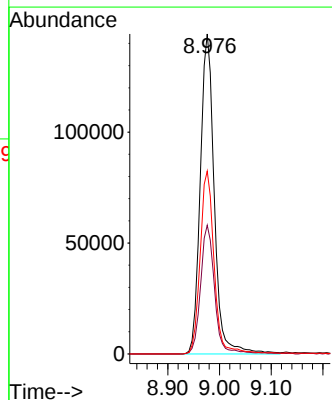
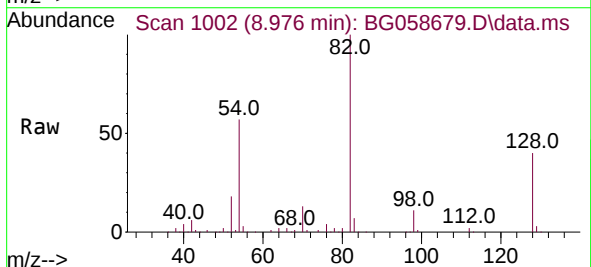
Instrument :
BNA_G
ClientSampleId :
PB154742BL

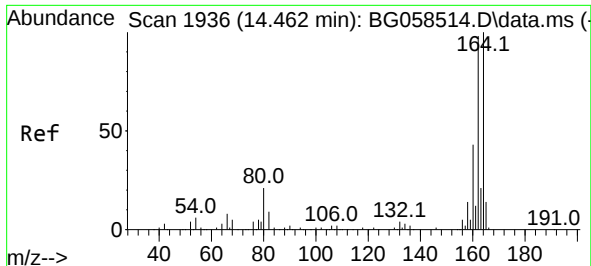
Tgt Ion:	136	Resp:	144951
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	10.6	8.9	13.3
68	6.6	5.6	8.4



#23
Nitrobenzene-d5
Concen: 92.103 ng
RT: 8.976 min Scan# 1002
Delta R.T. -0.004 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

Tgt Ion:	82	Resp:	271764
Ion Ratio	Lower	Upper	
82	100		
128	40.2	32.2	48.2
54	57.1	46.0	69.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1936

Delta R.T. -0.004 min

Lab File: BG058679.D

Acq: 10 Aug 2023 14:55

Instrument :

BNA_G

ClientSampleId :

PB154742BL

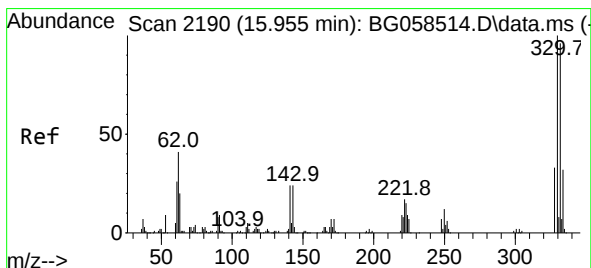
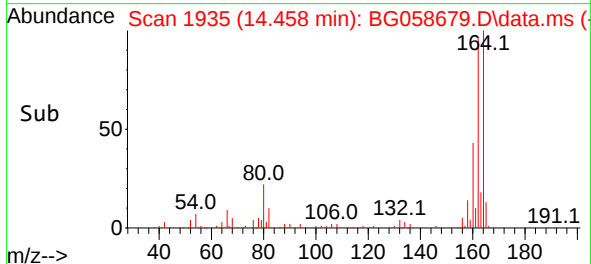
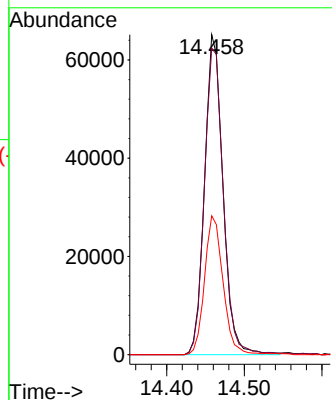
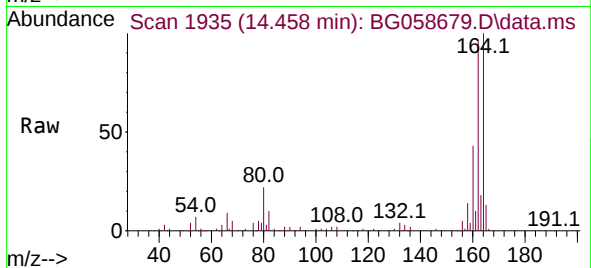
Tgt Ion:164 Resp: 107234

Ion Ratio Lower Upper

164 100

162 95.8 78.3 117.5

160 43.4 34.1 51.1



#42

2,4,6-Tribromophenol

Concen: 133.804 ng

RT: 15.950 min Scan# 2189

Delta R.T. -0.004 min

Lab File: BG058679.D

Acq: 10 Aug 2023 14:55

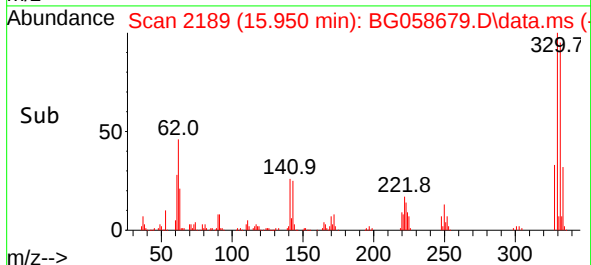
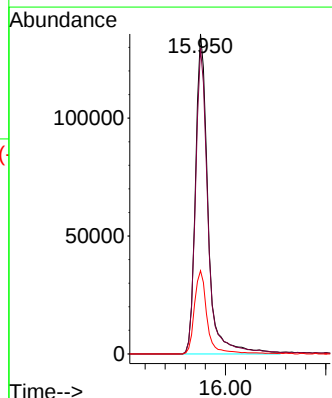
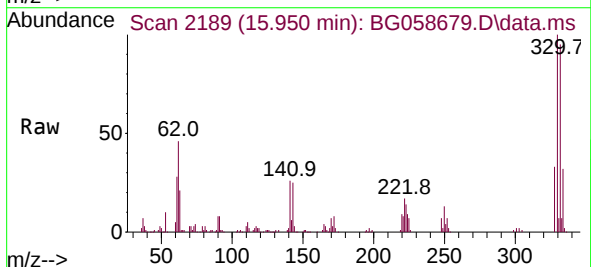
Tgt Ion:330 Resp: 235180

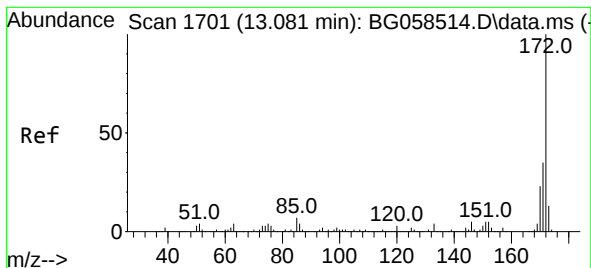
Ion Ratio Lower Upper

330 100

332 95.8 77.5 116.3

141 26.4 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 89.717 ng

RT: 13.077 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG058679.D

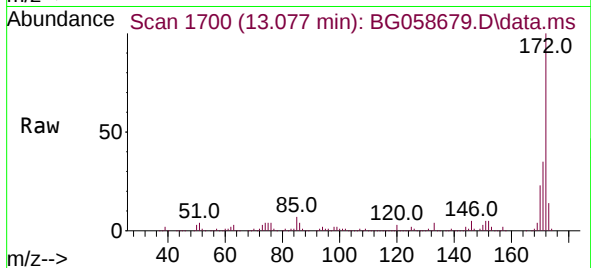
Acq: 10 Aug 2023 14:55

Instrument :

BNA_G

ClientSampleId :

PB154742BL



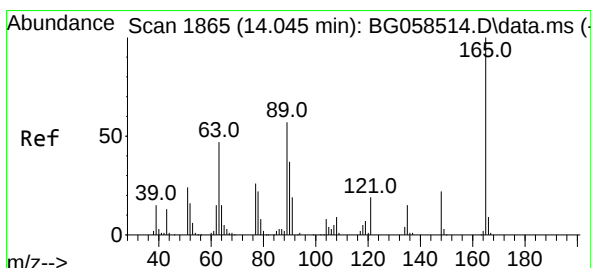
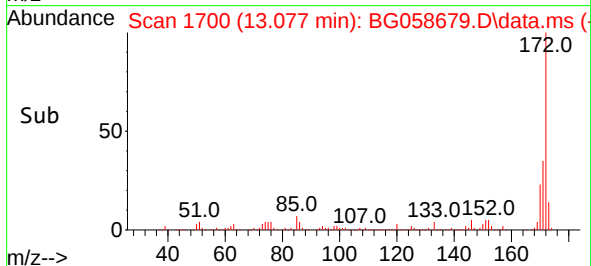
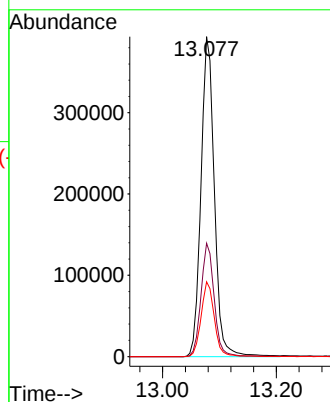
Tgt Ion:172 Resp: 641984

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.4 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.912 ng

RT: 14.458 min Scan# 1935

Delta R.T. 0.413 min

Lab File: BG058679.D

Acq: 10 Aug 2023 14:55

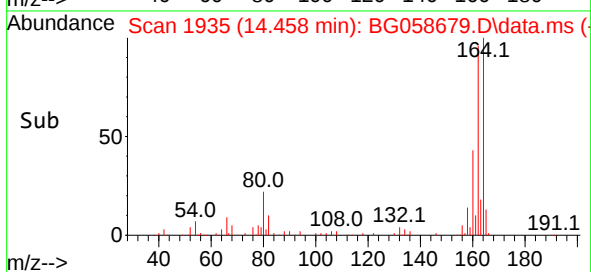
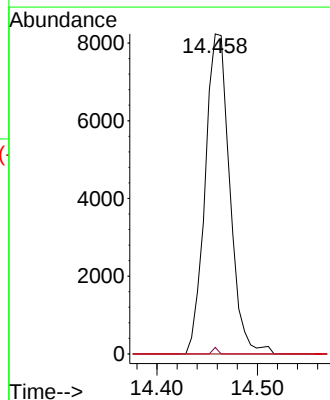
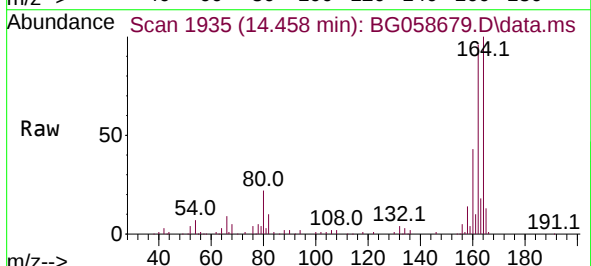
Tgt Ion:165 Resp: 13982

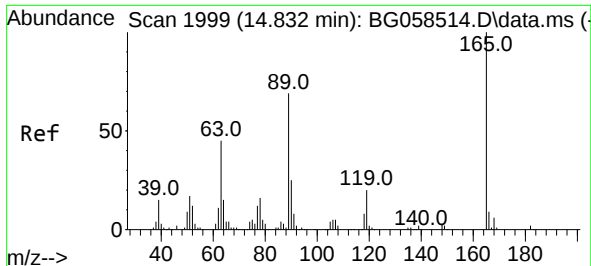
Ion Ratio Lower Upper

165 100

63 2.0 46.4 69.6#

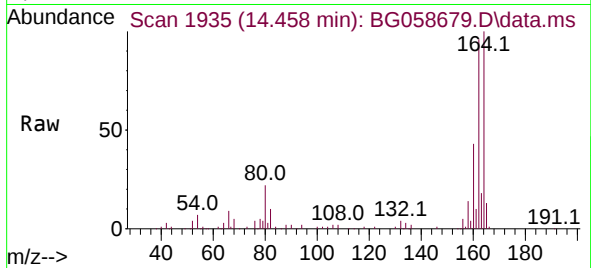
89 0.0 45.3 67.9#



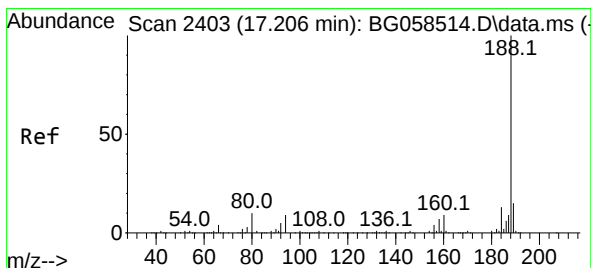
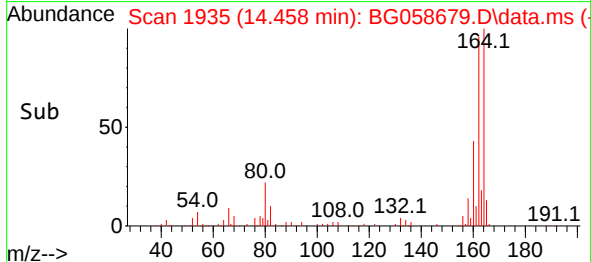
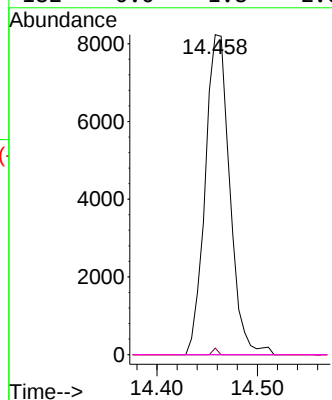


#57
2,4-Dinitrotoluene
Concen: 5.707 ng
RT: 14.458 min Scan# 1999
Delta R.T. -0.374 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

Instrument :
BNA_G
ClientSampleId :
PB154742BL

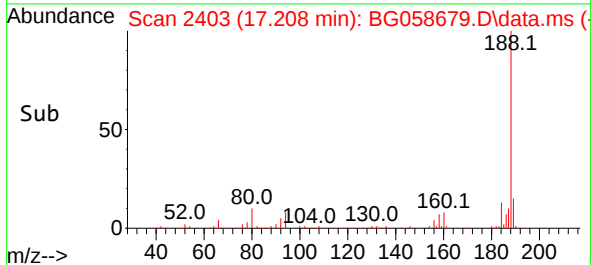
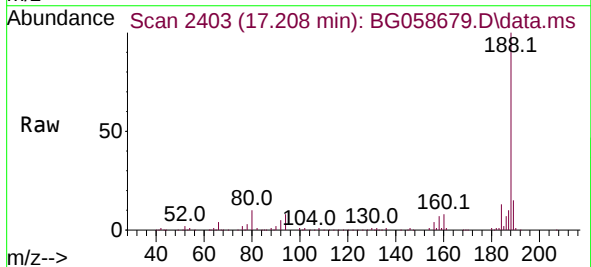
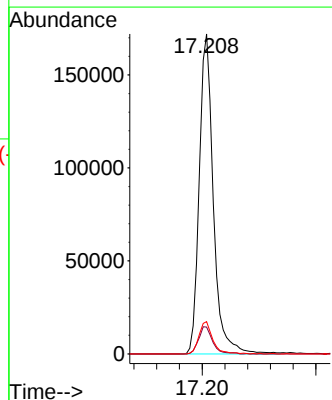


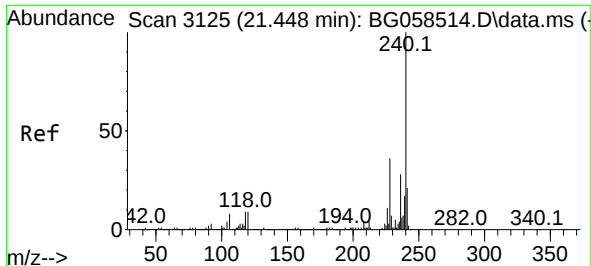
Tgt Ion:165 Resp: 13982
Ion Ratio Lower Upper
165 100
63 2.0 36.6 54.8#
89 0.0 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.208 min Scan# 2403
Delta R.T. 0.002 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

Tgt Ion:188 Resp: 294773
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 10.1 8.1 12.1

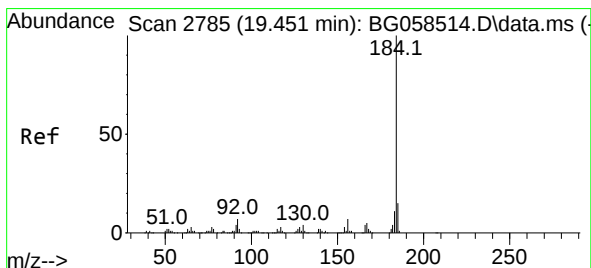
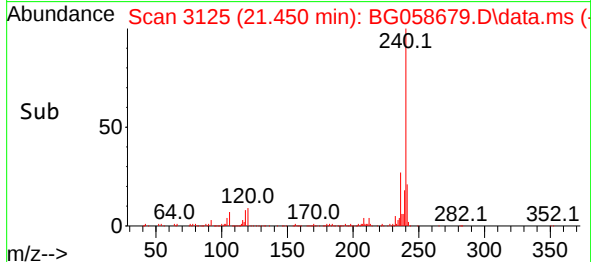
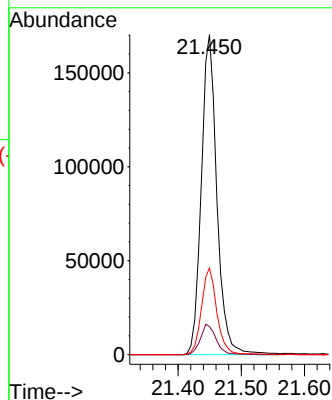
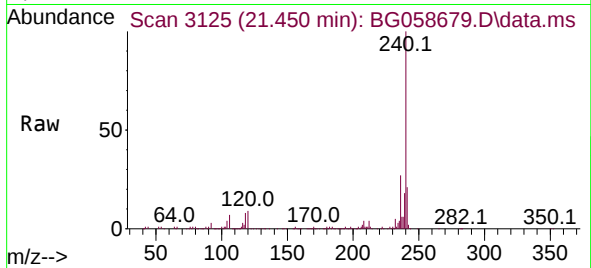




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. 0.002 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

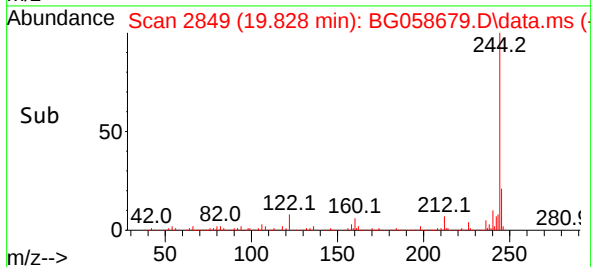
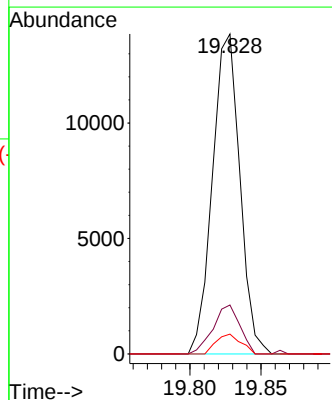
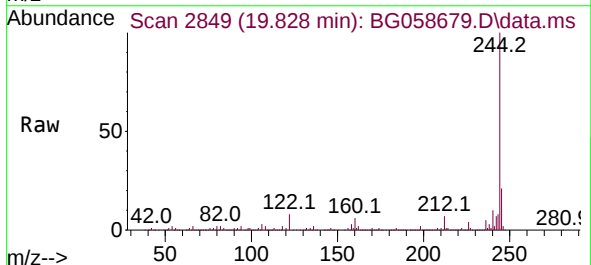
Instrument :
BNA_G
ClientSampleId :
PB154742BL

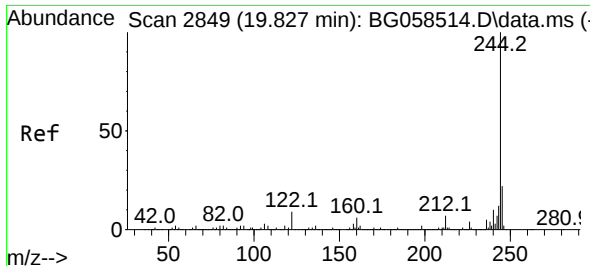
Tgt Ion:240 Resp: 291321
Ion Ratio Lower Upper
240 100
120 8.8 7.4 11.0
236 27.0 22.2 33.4



#77
Benzidine
Concen: 4.204 ng
RT: 19.828 min Scan# 2849
Delta R.T. 0.378 min
Lab File: BG058679.D
Acq: 10 Aug 2023 14:55

Tgt Ion:184 Resp: 18572
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 6.2 8.7 13.1#





#79

Terphenyl-d14

Concen: 93.963 ng

RT: 19.828 min Scan# 2849

Delta R.T. 0.002 min

Lab File: BG058679.D

Acq: 10 Aug 2023 14:55

Instrument :

BNA_G

ClientSampleId :

PB154742BL

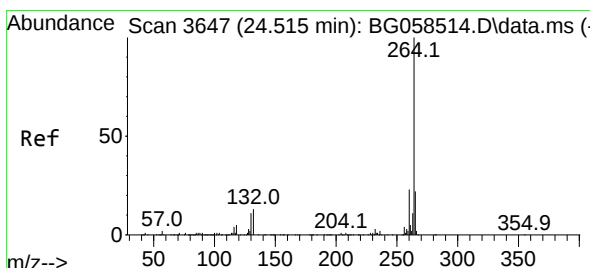
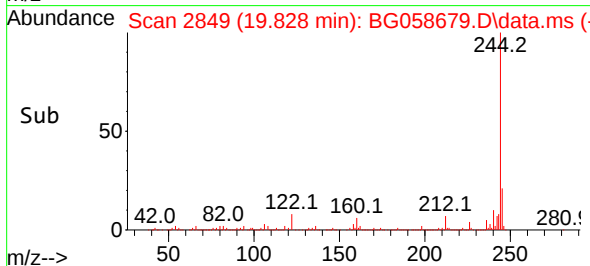
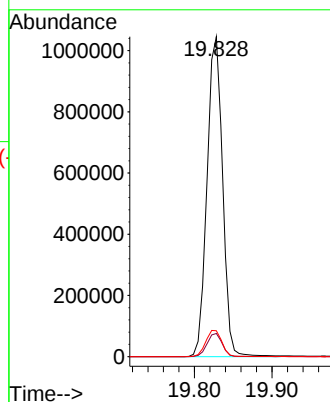
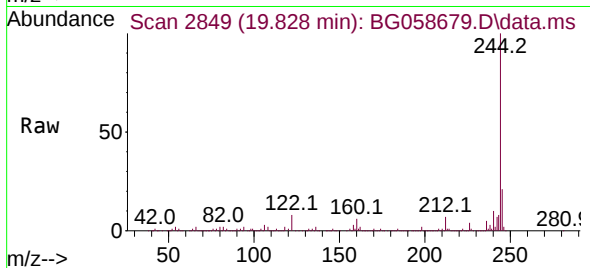
Tgt Ion:244 Resp: 1455626

Ion Ratio Lower Upper

244 100

212 7.2 5.9 8.9

122 8.1 6.8 10.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.523 min Scan# 3648

Delta R.T. 0.007 min

Lab File: BG058679.D

Acq: 10 Aug 2023 14:55

Tgt Ion:264 Resp: 354629

Ion Ratio Lower Upper

264 100

260 22.6 18.4 27.6

265 21.0 17.9 26.9

