

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
 Data File : BG056933.D
 Acq On : 30 Mar 2023 21:35
 Operator : CG/JU
 Sample : PB151793BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151793BL

Quant Time: Mar 31 04:06:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

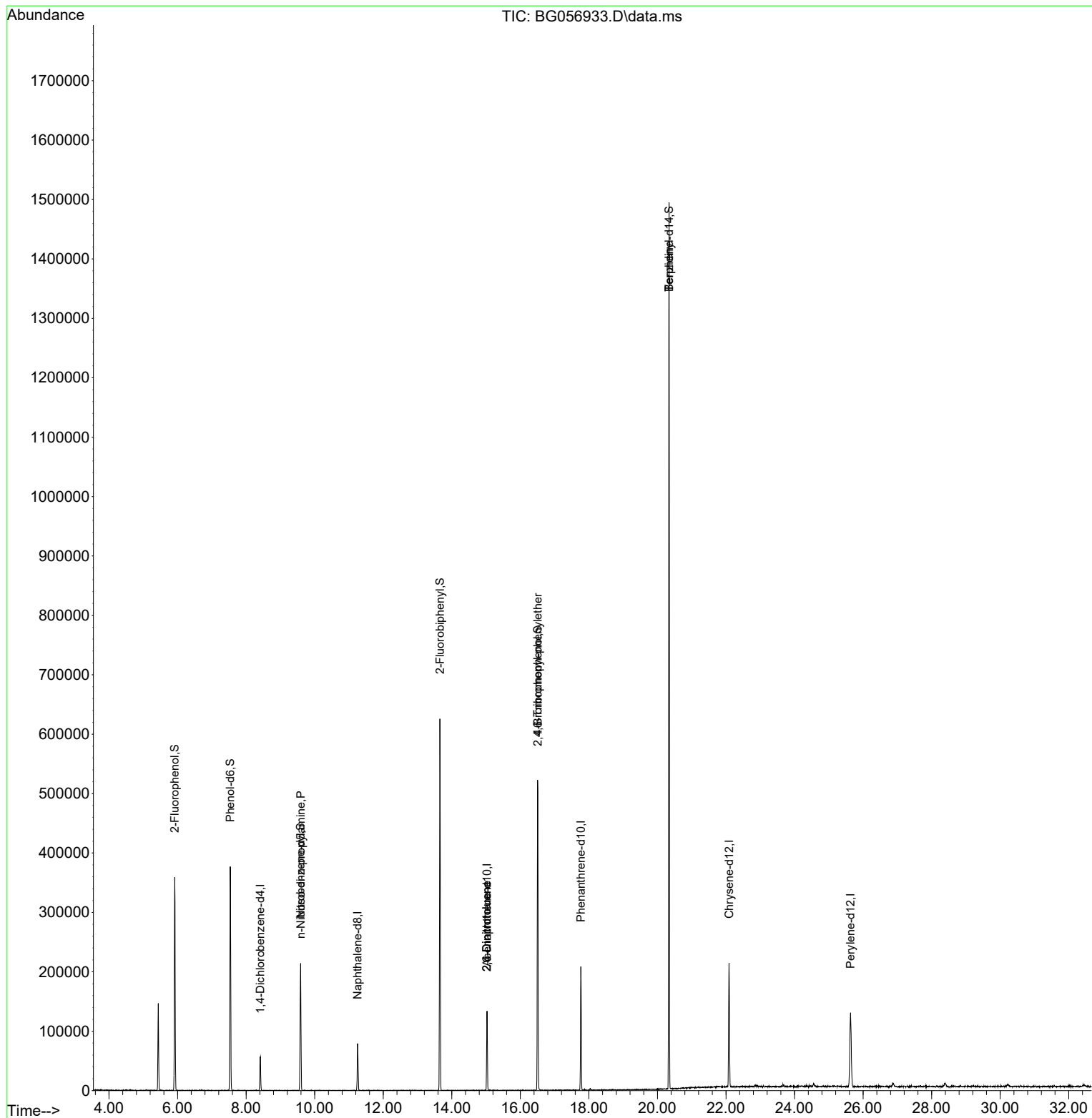
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.409	152	15451	20.000	ng	0.00
21) Naphthalene-d8	11.252	136	63362	20.000	ng	0.00
39) Acenaphthene-d10	15.029	164	49246	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	136213	20.000	ng	0.00
76) Chrysene-d12	22.090	240	135175	20.000	ng	0.00
86) Perylene-d12	25.632	264	145253	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.918	112	143564	148.707	ng	0.00
7) Phenol-d6	7.539	99	205621	142.406	ng	0.00
23) Nitrobenzene-d5	9.589	82	130864	84.509	ng	0.00
42) 2,4,6-Tribromophenol	16.509	330	106184	134.970	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	321063	88.406	ng	0.00
79) Terphenyl-d14	20.339	244	731646	91.590	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.595	70	18945	18.344	ng	# 74
51) 2,6-Dinitrotoluene	15.023	165	6266	7.474	ng	# 18
57) 2,4-Dinitrotoluene	15.023	165	6266	5.299	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	6795	4.032	ng	# 1
77) Benzidine	20.339	184	12546	3.396	ng	# 79

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
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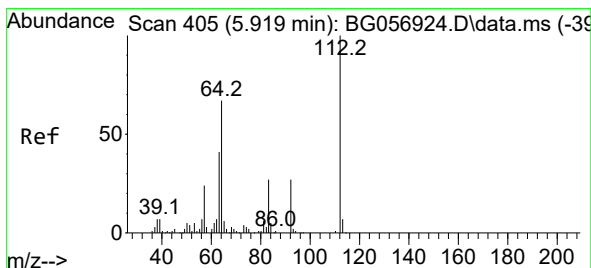
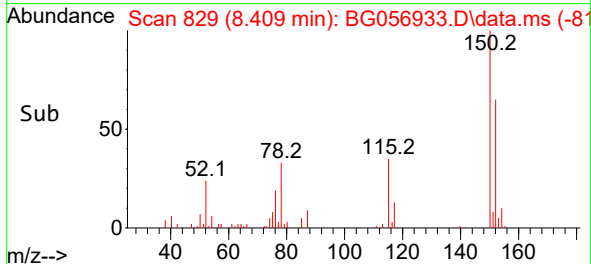
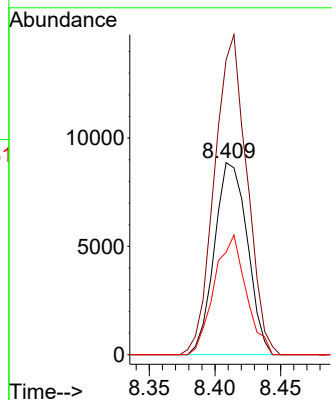
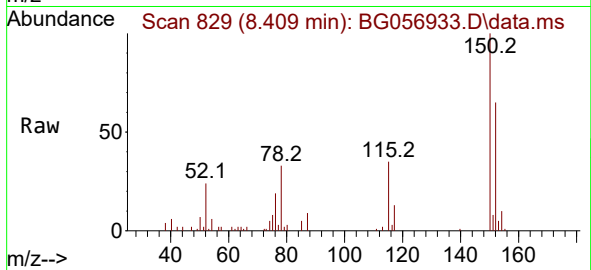




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.409 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

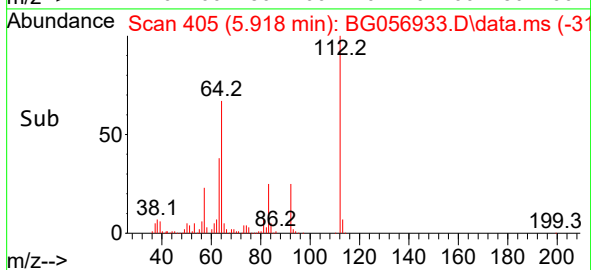
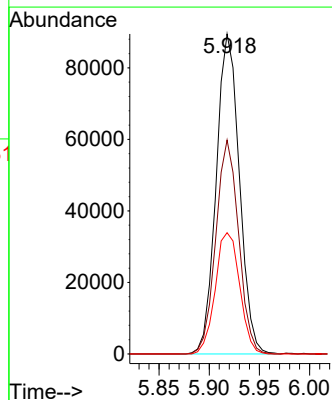
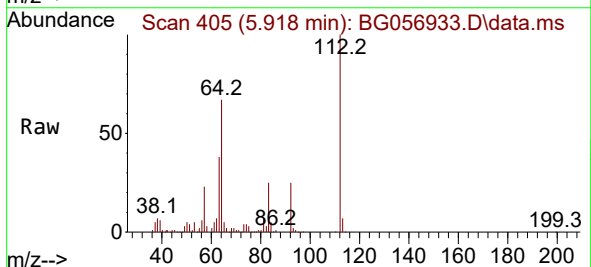
Instrument :
BNA_G
ClientSampleId :
PB151793BL

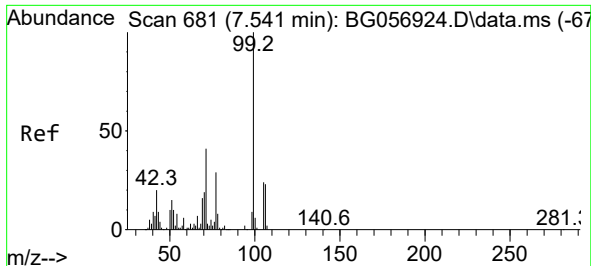
Tgt Ion:152 Resp: 15451
Ion Ratio Lower Upper
152 100
150 153.7 124.1 186.1
115 53.4 49.1 73.7



#5
2-Fluorophenol
Concen: 148.707 ng
RT: 5.918 min Scan# 405
Delta R.T. -0.002 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

Tgt Ion:112 Resp: 143564
Ion Ratio Lower Upper
112 100
64 66.9 53.2 79.8
63 37.9 32.6 48.8

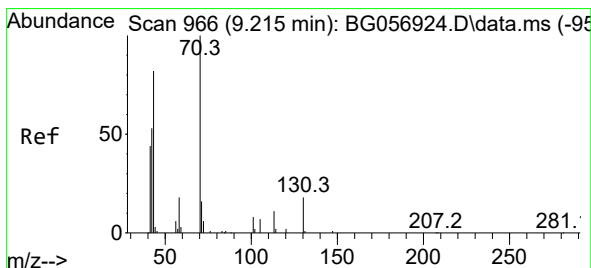
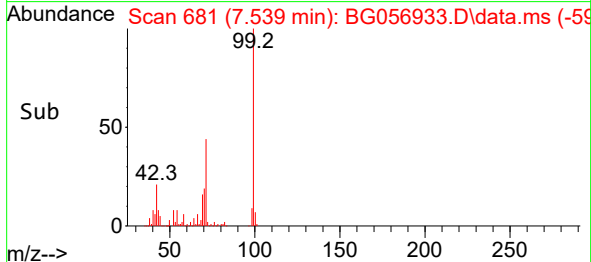
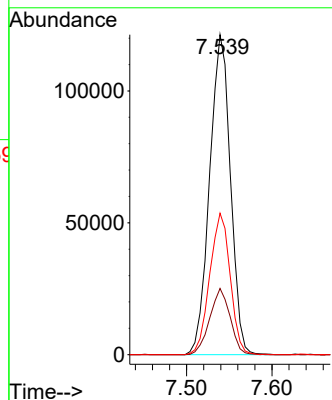
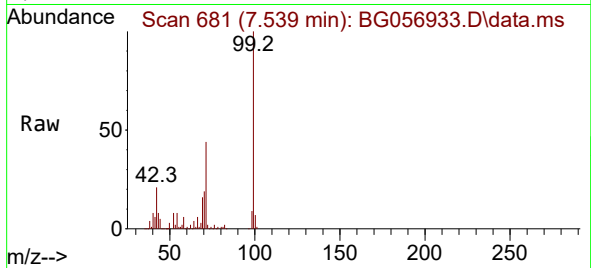




#7
Phenol-d6
Concen: 142.406 ng
RT: 7.539 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

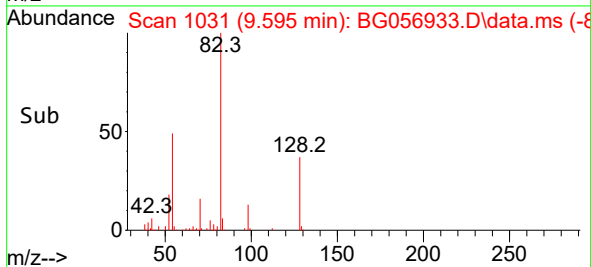
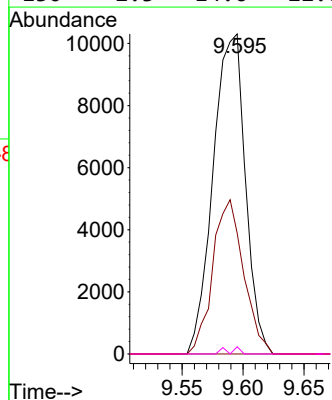
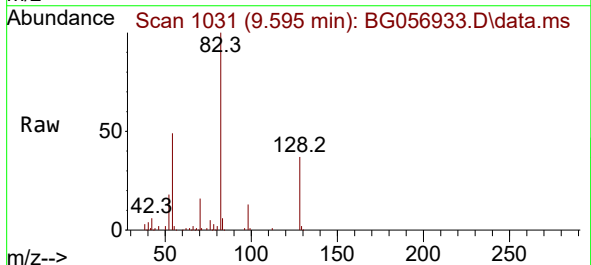
Instrument :
BNA_G
ClientSampleId :
PB151793BL

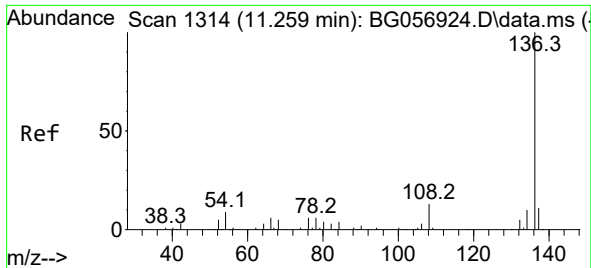
Tgt Ion: 99 Resp: 205621
Ion Ratio Lower Upper
99 100
42 20.7 15.7 23.5
71 44.2 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.344 ng
RT: 9.595 min Scan# 1031
Delta R.T. 0.380 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 70 Resp: 18945
Ion Ratio Lower Upper
70 100
42 37.8 43.4 65.0#
101 0.0 6.2 9.2#
130 2.3 14.6 22.0#

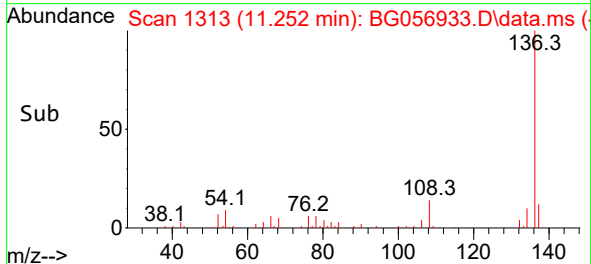
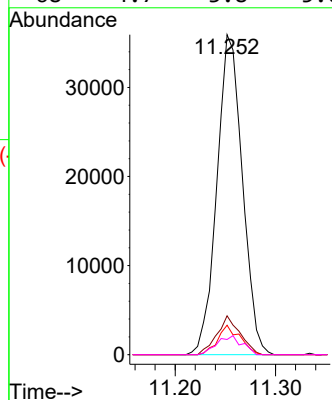
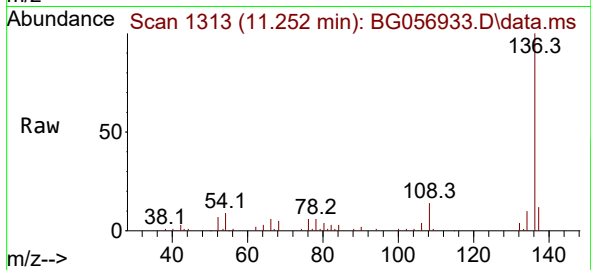




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.252 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

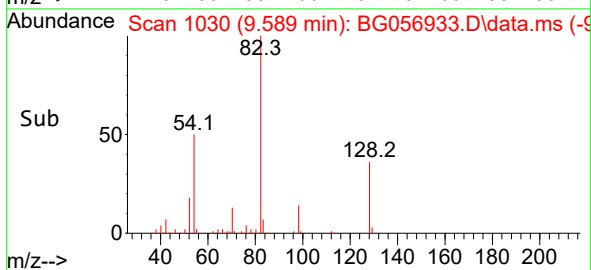
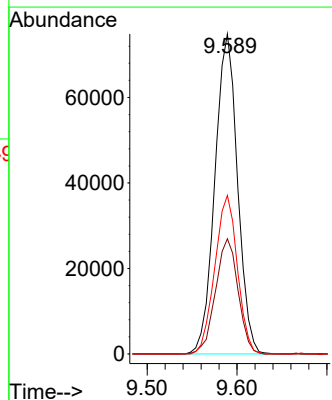
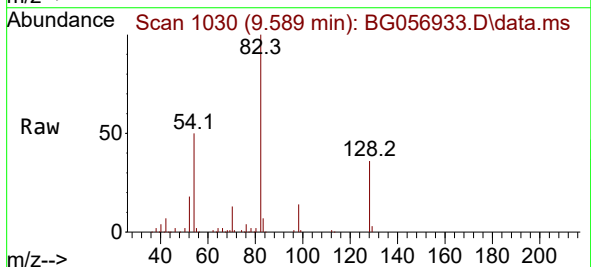
Instrument :
BNA_G
ClientSampleId :
PB151793BL

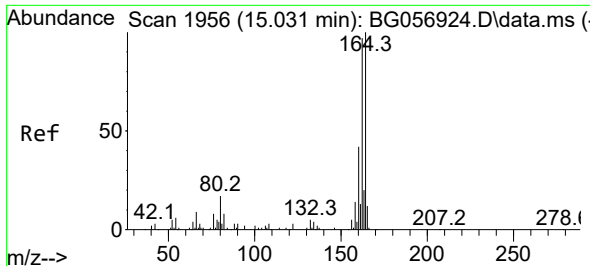
Tgt Ion:136	Resp:	63362
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.6 13.0
54	9.2	6.9 10.3
68	4.7	3.8 5.6



#23
Nitrobenzene-d5
Concen: 84.509 ng
RT: 9.589 min Scan# 1030
Delta R.T. -0.007 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

Tgt Ion: 82	Resp:	130864
Ion Ratio	Lower	Upper
82	100	
128	36.0	27.9 41.9
54	49.5	39.4 59.2

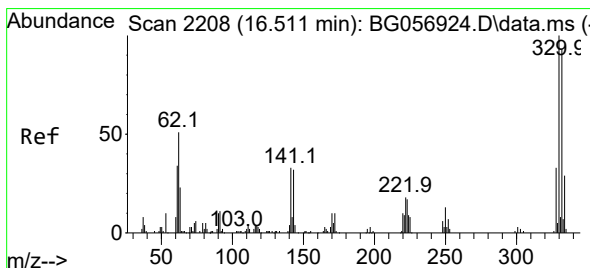
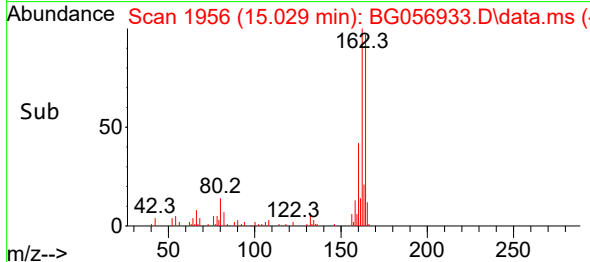
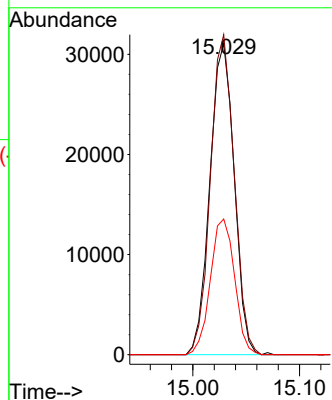
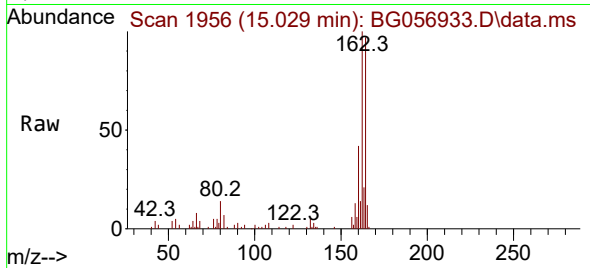




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.029 min Scan# 1956
Delta R.T. -0.002 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

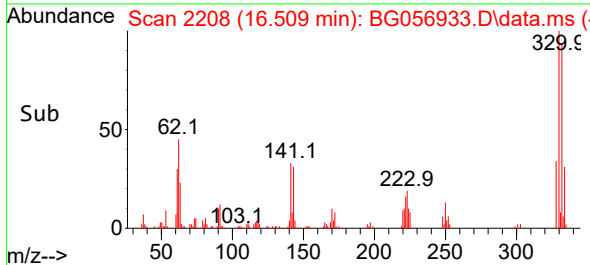
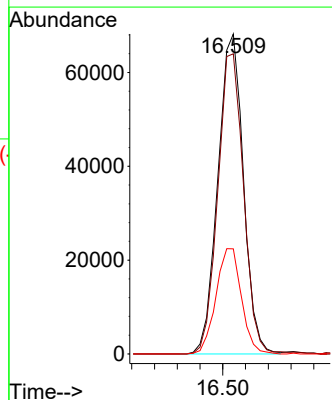
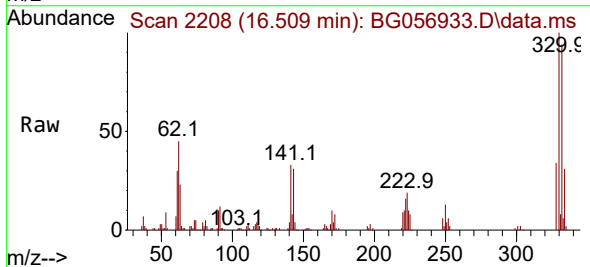
Instrument :
BNA_G
ClientSampleId :
PB151793BL

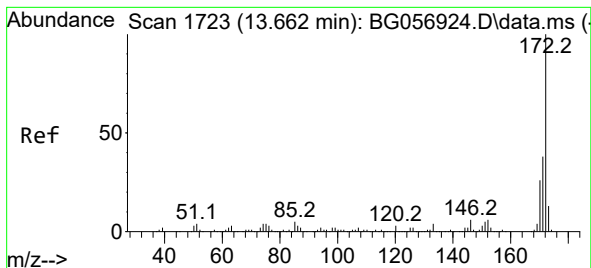
Tgt Ion:164 Resp: 49246
Ion Ratio Lower Upper
164 100
162 102.8 77.8 116.8
160 43.6 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 134.970 ng
RT: 16.509 min Scan# 2208
Delta R.T. -0.002 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

Tgt Ion:330 Resp: 106184
Ion Ratio Lower Upper
330 100
332 94.8 76.1 114.1
141 32.9 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 88.406 ng

RT: 13.654 min Scan# 1

Delta R.T. -0.007 min

Lab File: BG056933.D

Acq: 30 Mar 2023 21:35

Instrument :

BNA_G

ClientSampleId :

PB151793BL

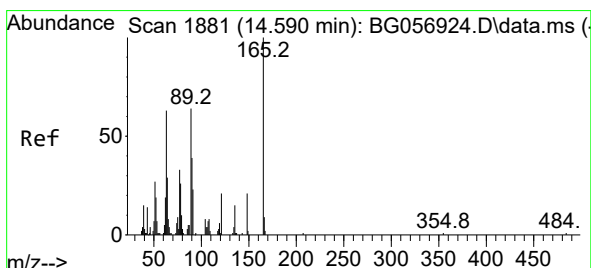
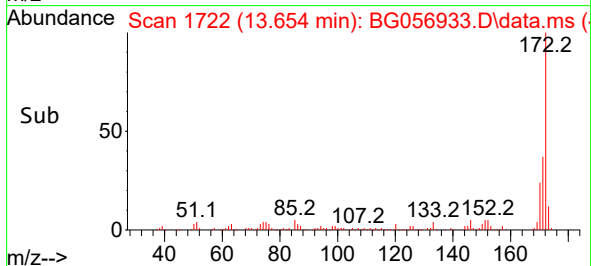
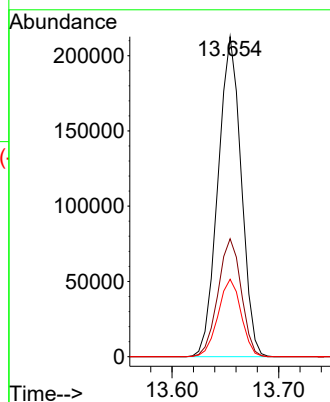
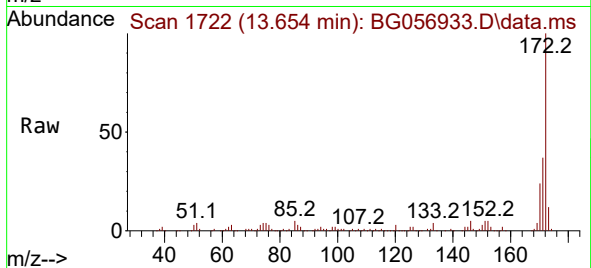
Tgt Ion:172 Resp: 321063

Ion Ratio Lower Upper

172 100

171 36.9 30.6 46.0

170 24.2 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 7.474 ng

RT: 15.023 min Scan# 1955

Delta R.T. 0.433 min

Lab File: BG056933.D

Acq: 30 Mar 2023 21:35

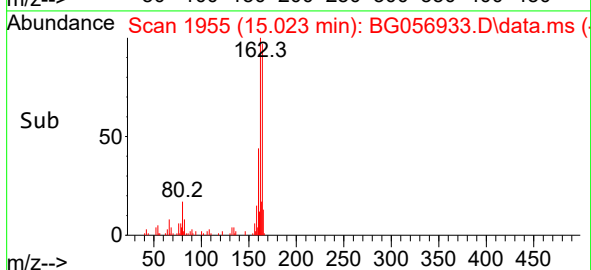
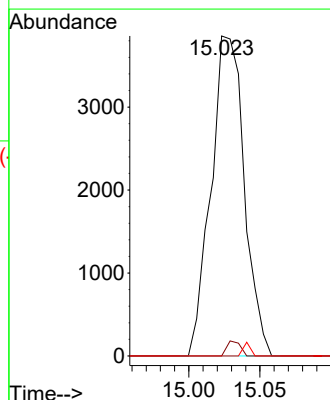
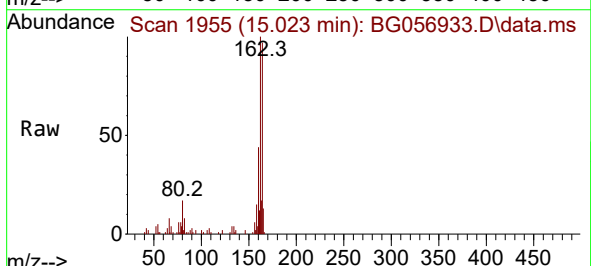
Tgt Ion:165 Resp: 6266

Ion Ratio Lower Upper

165 100

63 0.0 53.0 79.6#

89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.299 ng

RT: 15.023 min Scan# 1955

Delta R.T. -0.354 min

Lab File: BG056933.D

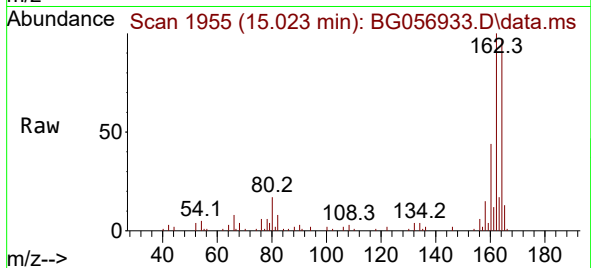
Acq: 30 Mar 2023 21:35

Instrument :

BNA_G

ClientSampleId :

PB151793BL



Tgt Ion:165 Resp: 6266

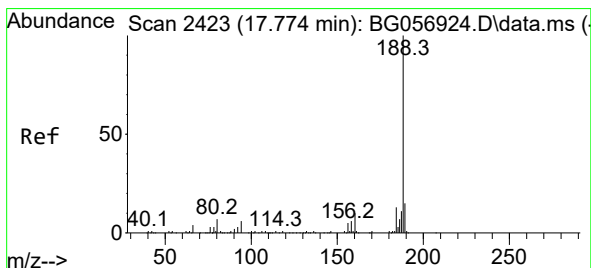
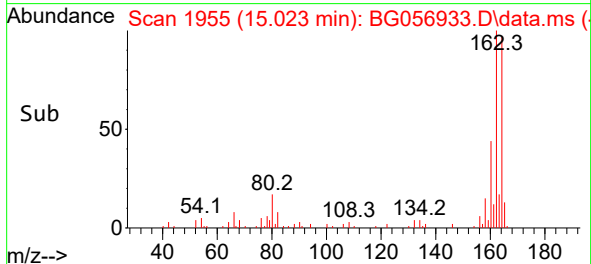
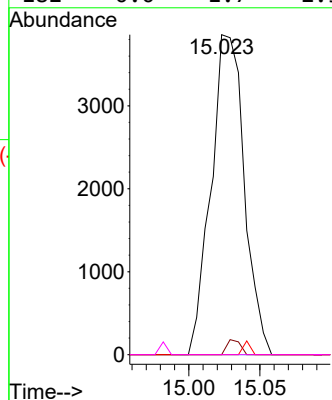
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.766 min Scan# 2422

Delta R.T. -0.007 min

Lab File: BG056933.D

Acq: 30 Mar 2023 21:35

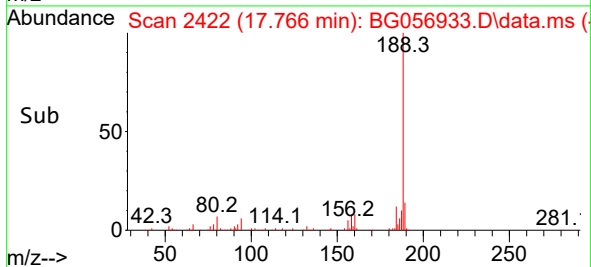
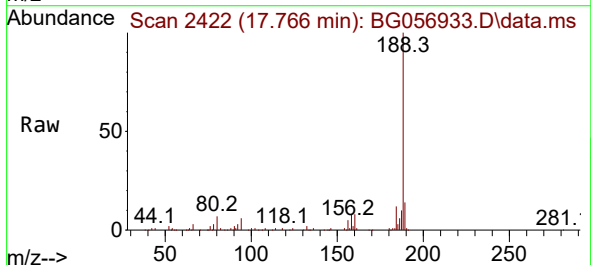
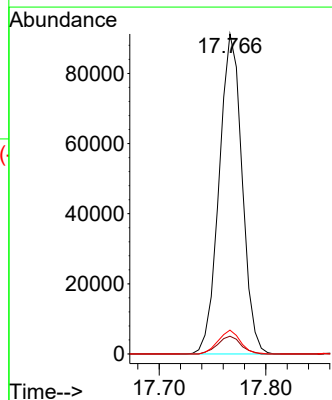
Tgt Ion:188 Resp: 136213

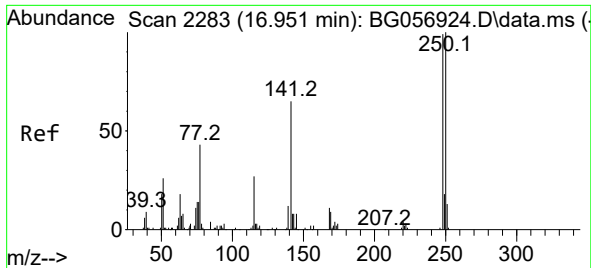
Ion Ratio Lower Upper

188 100

94 5.6 4.6 6.8

80 7.4 5.5 8.3

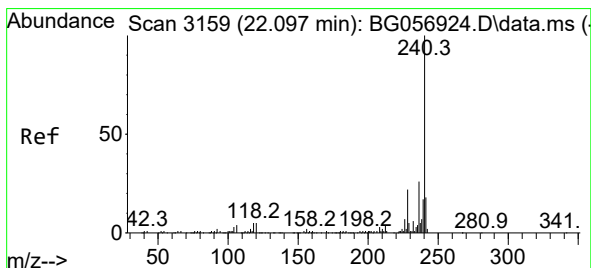
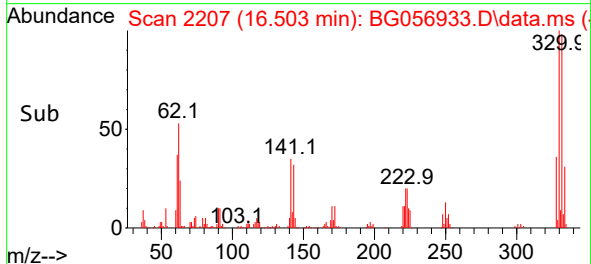
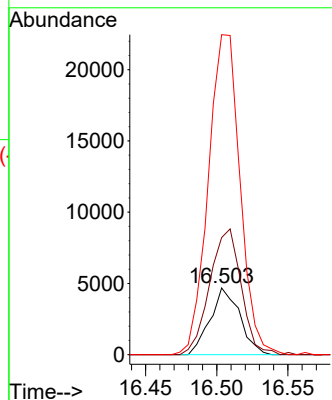
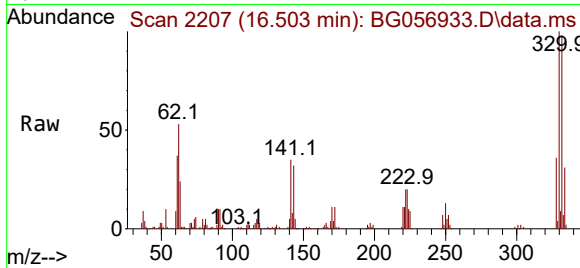




#67
4-Bromophenyl-phenylether
Concen: 4.032 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

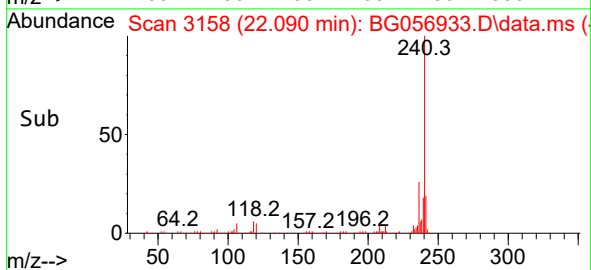
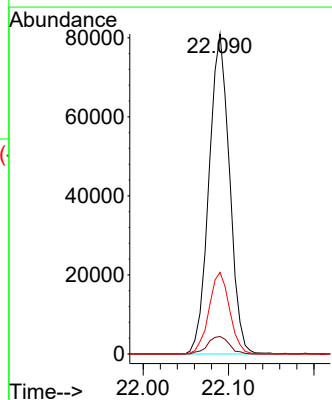
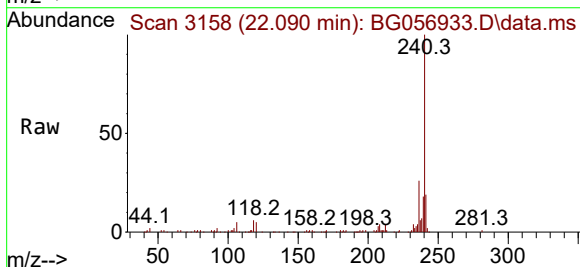
Instrument :
BNA_G
ClientSampleId :
PB151793BL

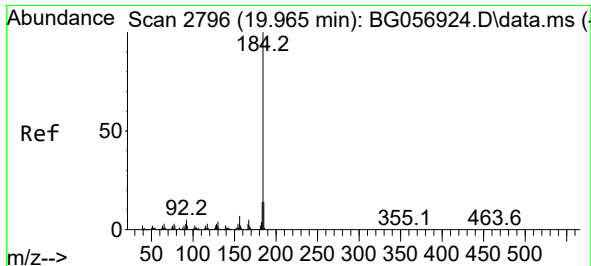
Tgt Ion:248 Resp: 6795
Ion Ratio Lower Upper
248 100
250 175.5 80.5 120.7#
141 479.6 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.090 min Scan# 3158
Delta R.T. -0.007 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

Tgt Ion:240 Resp: 135175
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.6
236 25.5 21.0 31.6

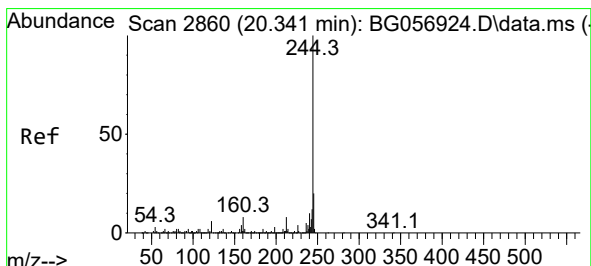
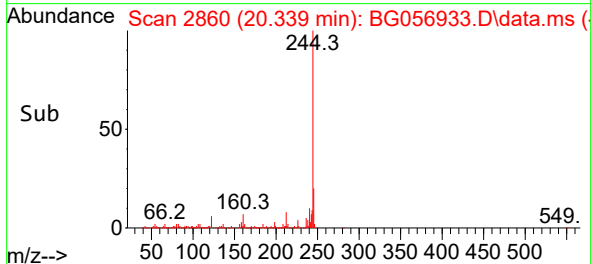
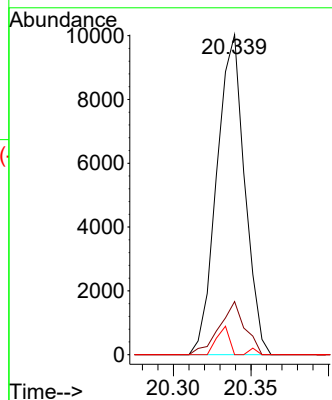
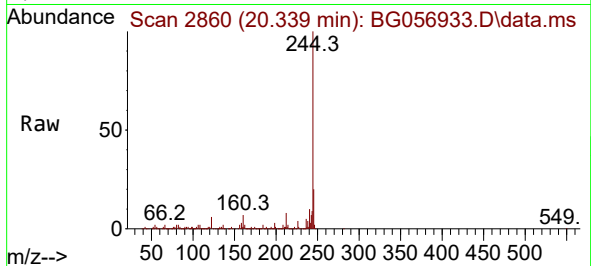




#77
Benzidine
Concen: 3.396 ng
RT: 20.339 min Scan# 2860
Delta R.T. 0.374 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

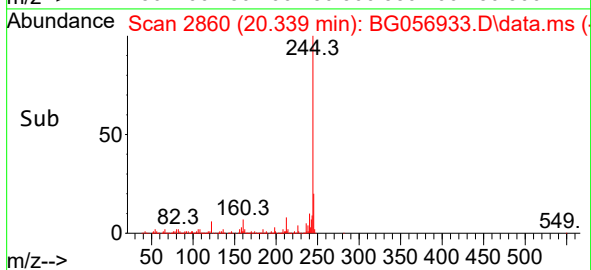
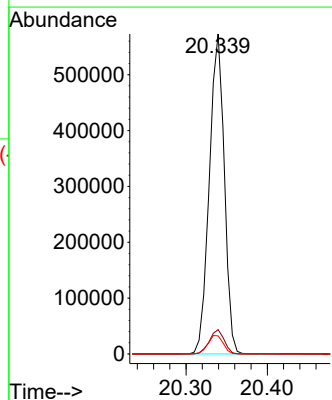
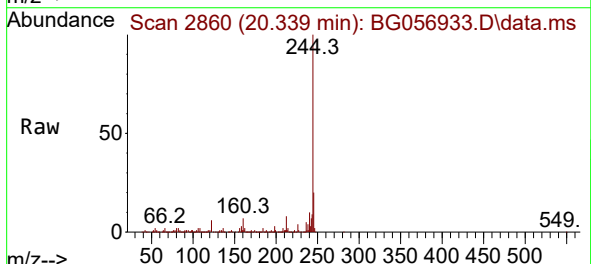
Instrument :
BNA_G
ClientSampleId :
PB151793BL

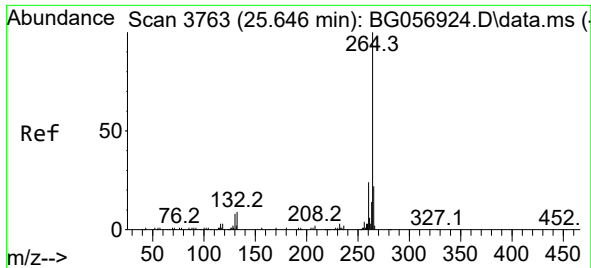
Tgt Ion:184 Resp: 12546
Ion Ratio Lower Upper
184 100
185 16.6 11.0 16.4#
183 0.0 11.4 17.0#



#79
Terphenyl-d14
Concen: 91.590 ng
RT: 20.339 min Scan# 2860
Delta R.T. -0.002 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

Tgt Ion:244 Resp: 731646
Ion Ratio Lower Upper
244 100
212 7.6 6.1 9.1
122 5.7 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.632 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG056933.D
Acq: 30 Mar 2023 21:35

Instrument :
BNA_G
ClientSampleId :
PB151793BL

Tgt Ion:264 Resp: 145253

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	21.2	17.8	26.6

