

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
 Data File : BG056658.D
 Acq On : 17 Feb 2023 16:13
 Operator : CG/JU
 Sample : PB150923BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150923BL

Quant Time: Feb 18 00:04:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 16 01:33:33 2023
 Response via : Initial Calibration

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

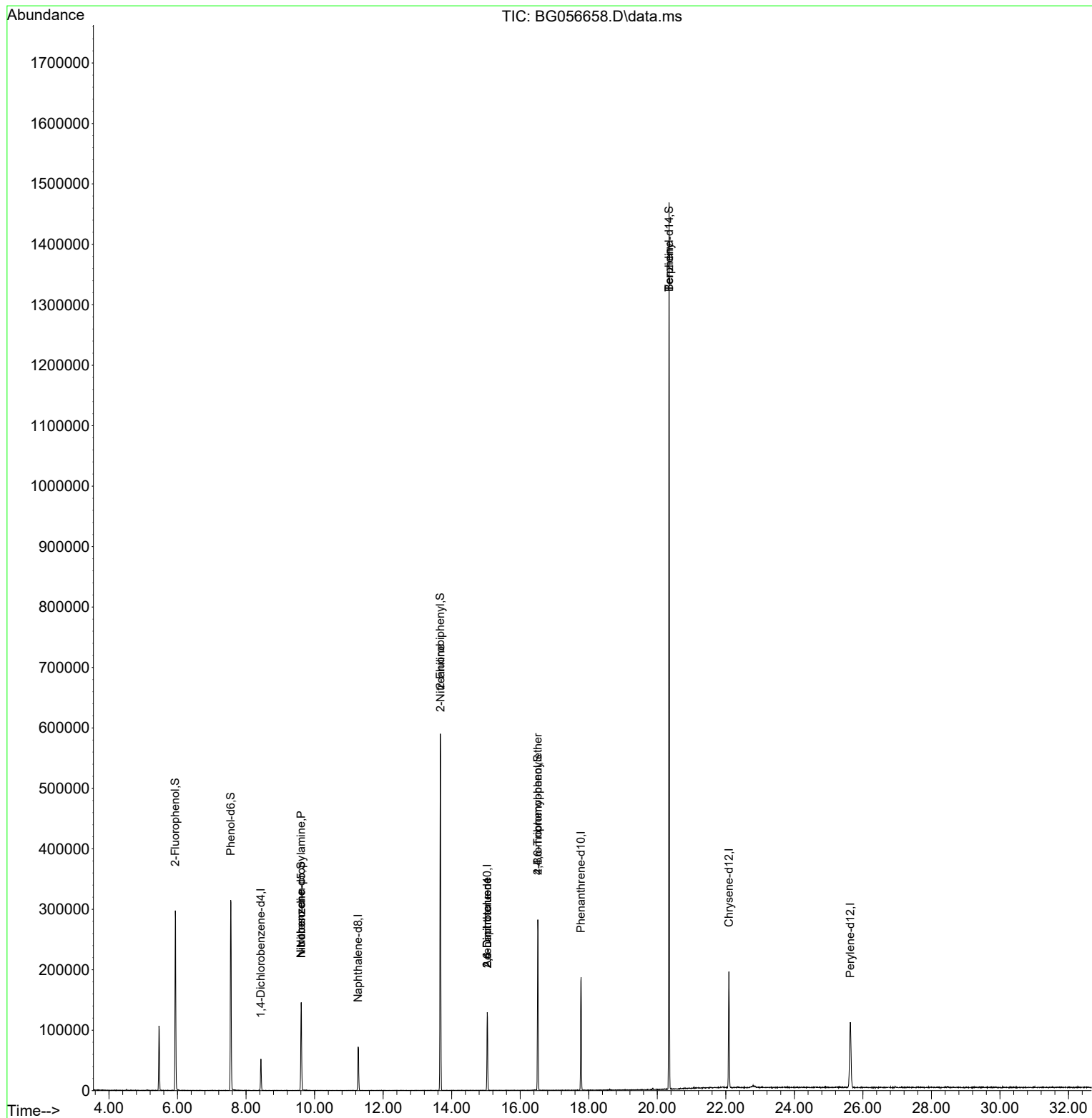
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.427	152	14398	20.000	ng	-0.01
21) Naphthalene-d8	11.271	136	59496	20.000	ng	0.00
39) Acenaphthene-d10	15.037	164	47591	20.000	ng	0.00
64) Phenanthrene-d10	17.775	188	129203	20.000	ng	0.00
76) Chrysene-d12	22.088	240	130731	20.000	ng	-0.01
86) Perylene-d12	25.631	264	139415	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.936	112	127943	144.584	ng	0.00
7) Phenol-d6	7.552	99	183551	140.422	ng	0.00
23) Nitrobenzene-d5	9.608	82	87204	75.046	ng	0.00
42) 2,4,6-Tribromophenol	16.512	330	68194	104.660	ng	0.00
45) 2-Fluorobiphenyl	13.668	172	310836	87.459	ng	0.00
79) Terphenyl-d14	20.343	244	738472	92.421	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.608	70	11000	11.241	ng	# 78
24) Nitrobenzene	9.608	77	132	2.780	ng	# 43
48) 2-Nitroaniline	13.674	65	527	5.811	ng	# 5
51) 2,6-Dinitrotoluene	15.037	165	5936	9.947	ng	# 21
57) 2,4-Dinitrotoluene	15.037	165	5936	6.187	ng	# 24
67) 4-Bromophenyl-phenylether	16.512	248	4216	2.542	ng	# 1
77) Benzidine	20.343	184	12070	3.860	ng	# 86

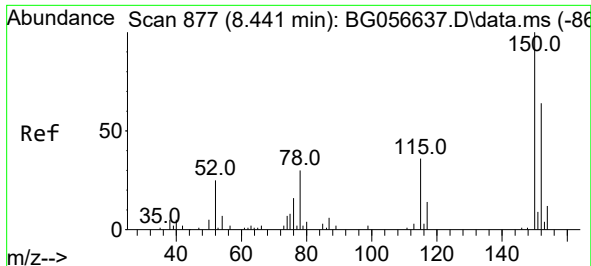
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021723\
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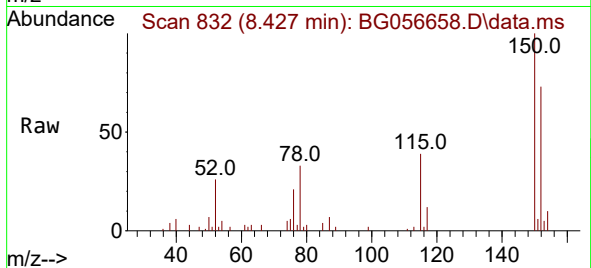
Quant Time: Feb 18 00:04:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration



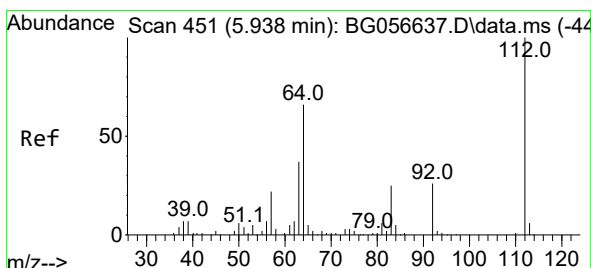
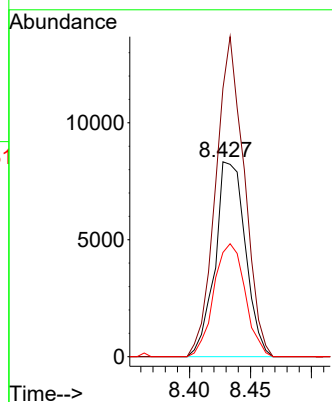
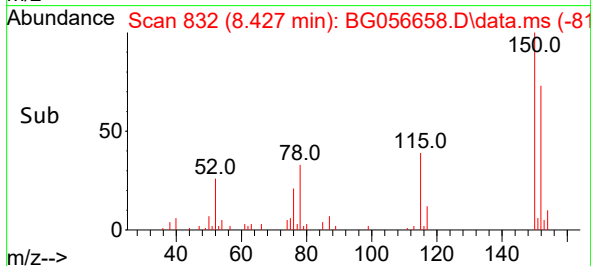


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.427 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

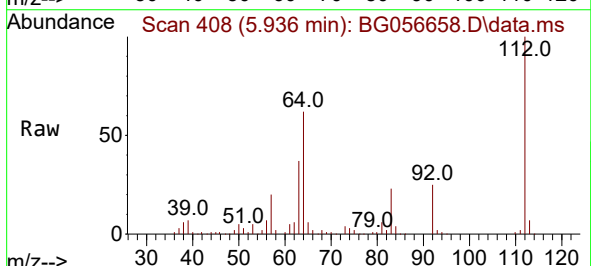
Instrument :
BNA_G
ClientSampleId :
PB150923BL



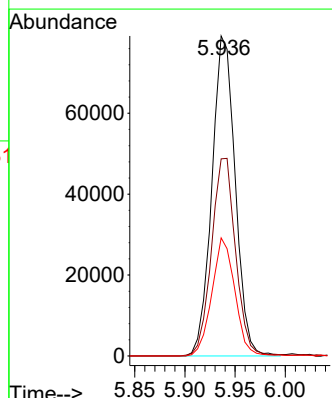
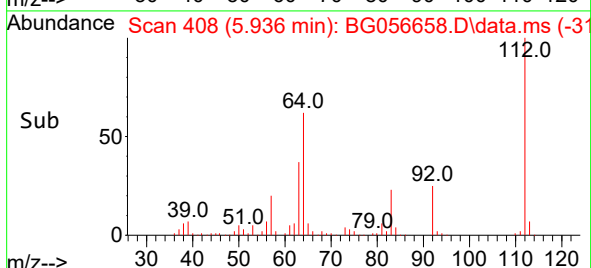
Tgt Ion:152 Resp: 14398
Ion Ratio Lower Upper
152 100
150 137.6 124.8 187.2
115 53.5 44.7 67.1

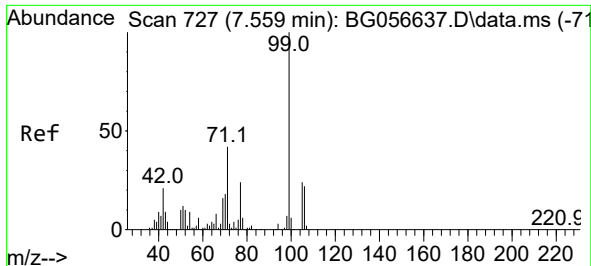


#5
2-Fluorophenol
Concen: 144.584 ng
RT: 5.936 min Scan# 408
Delta R.T. -0.002 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13



Tgt Ion:112 Resp: 127943
Ion Ratio Lower Upper
112 100
64 61.6 52.6 78.8
63 36.9 29.8 44.6

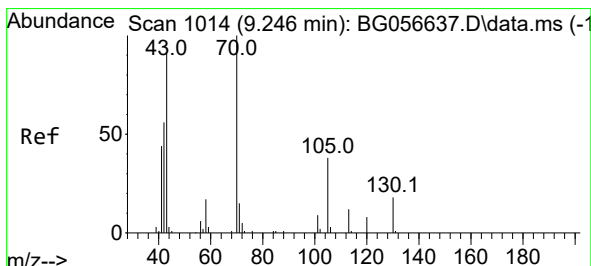
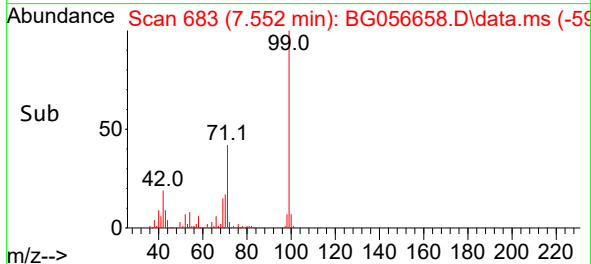
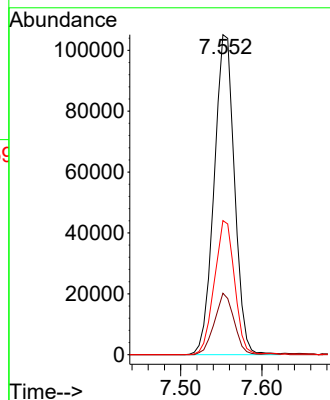
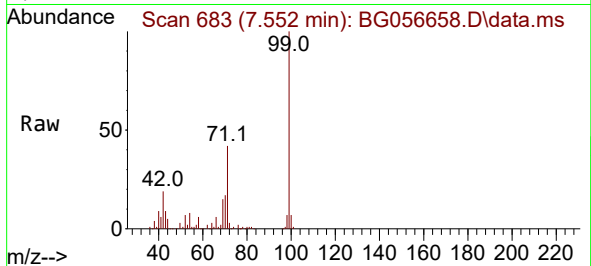




#7
Phenol-d6
Concen: 140.422 ng
RT: 7.552 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

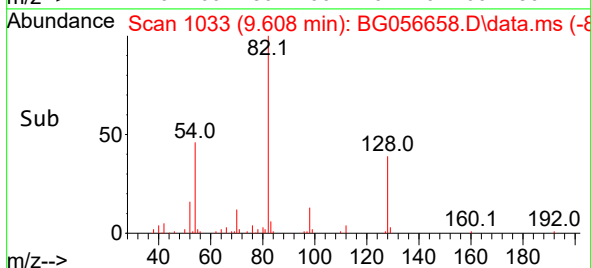
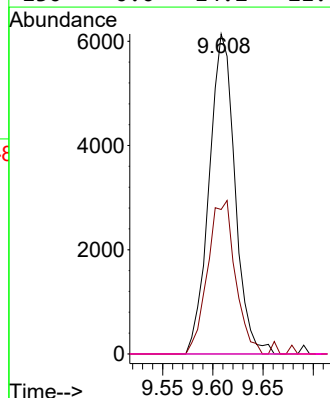
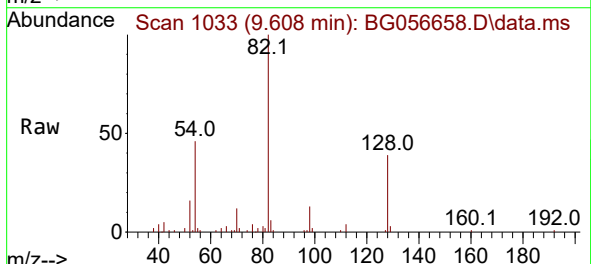
Instrument :
BNA_G
ClientSampleId :
PB150923BL

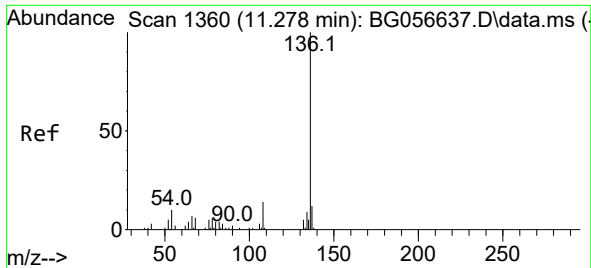
Tgt Ion: 99 Resp: 183551
Ion Ratio Lower Upper
99 100
42 19.2 16.8 25.2
71 41.9 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.241 ng
RT: 9.608 min Scan# 1033
Delta R.T. 0.363 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

Tgt Ion: 70 Resp: 11000
Ion Ratio Lower Upper
70 100
42 45.1 45.7 68.5#
101 0.0 7.4 11.0#
130 0.0 14.2 21.4#

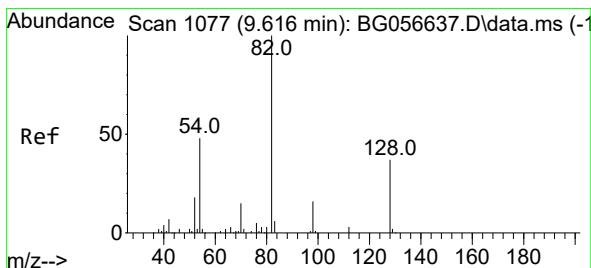
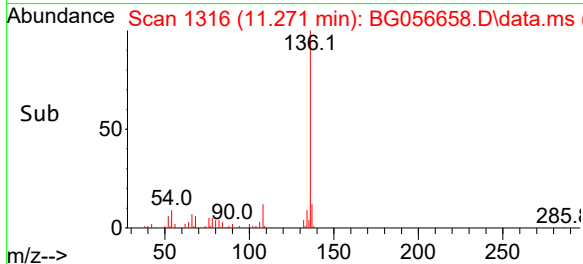
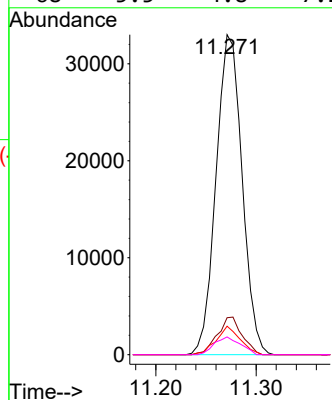
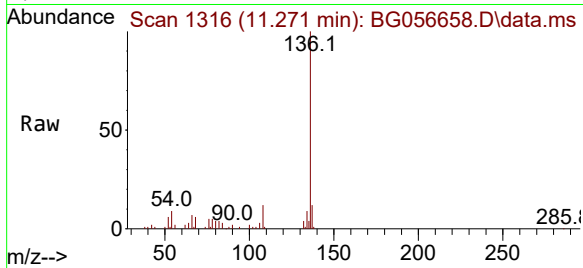




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.271 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

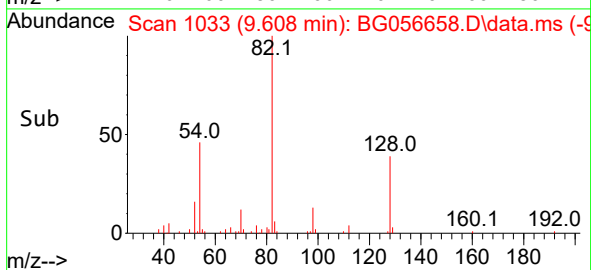
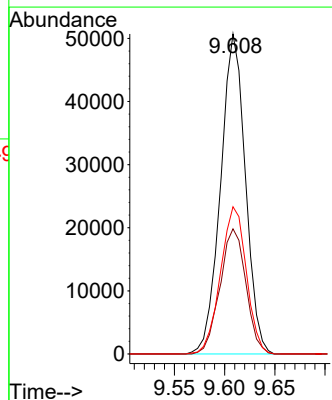
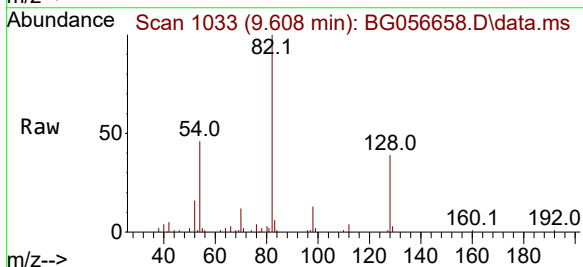
Instrument :
BNA_G
ClientSampleId :
PB150923BL

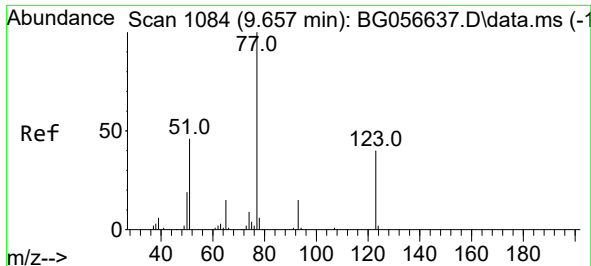
Tgt Ion:	136	Resp:	59496
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.7	14.5
54	8.9	7.7	11.5
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 75.046 ng
RT: 9.608 min Scan# 1033
Delta R.T. -0.008 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

Tgt Ion:	82	Resp:	87204
Ion Ratio	Lower	Upper	
82	100		
128	39.1	29.4	44.2
54	46.0	37.8	56.6

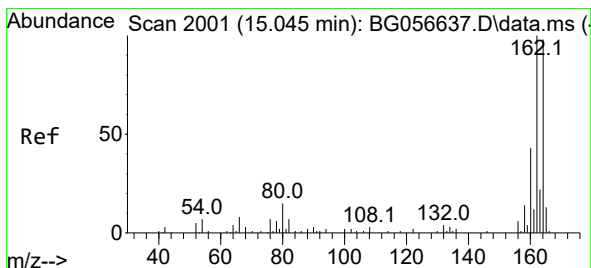
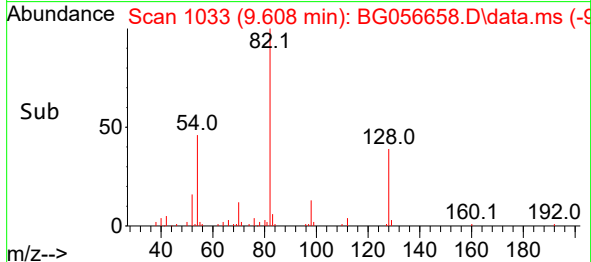
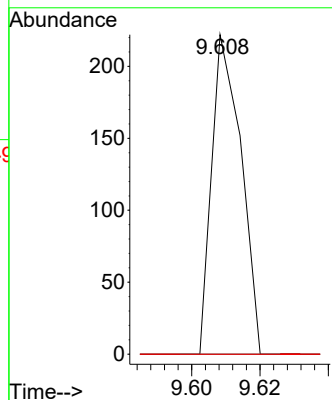
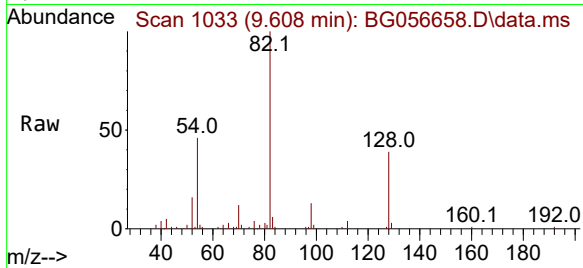




#24
Nitrobenzene
Concen: 2.780 ng
RT: 9.608 min Scan# 10
Delta R.T. -0.049 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

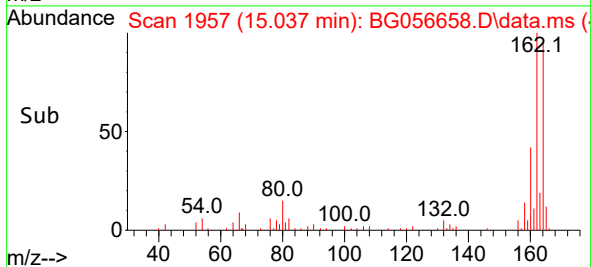
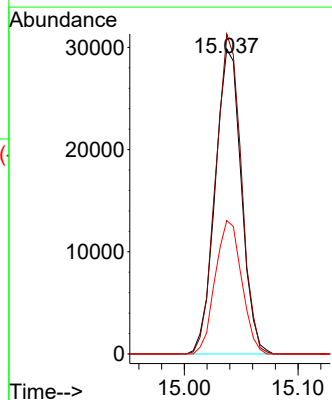
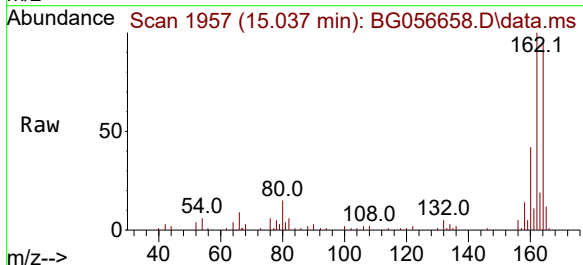
Instrument :
BNA_G
ClientSampleId :
PB150923BL

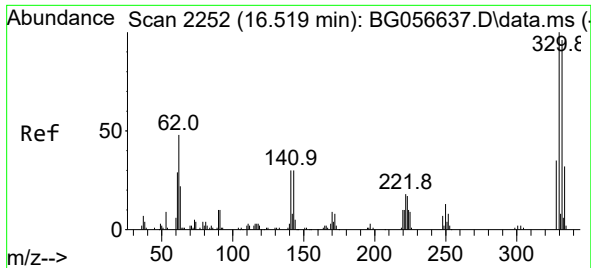
Tgt Ion: 77 Resp: 132
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.037 min Scan# 1957
Delta R.T. -0.007 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

Tgt Ion: 164 Resp: 47591
Ion Ratio Lower Upper
164 100
162 104.9 81.3 121.9
160 43.8 35.2 52.8

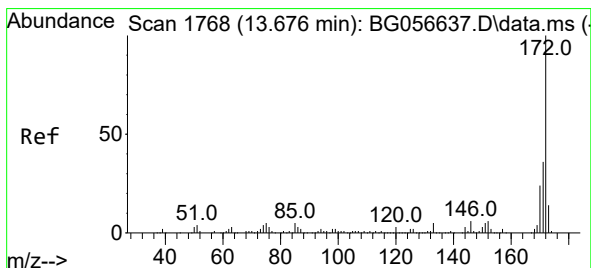
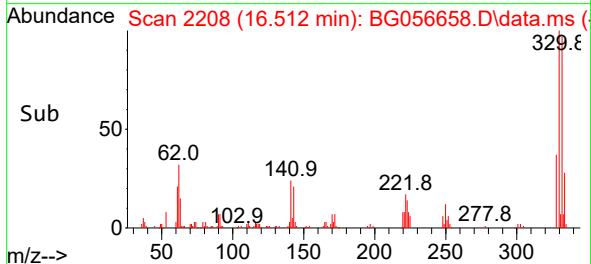
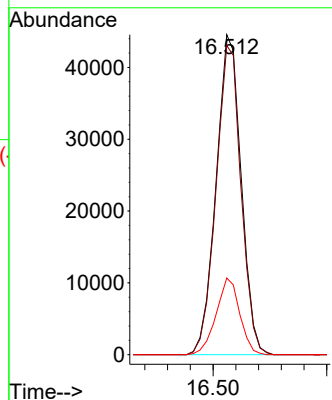
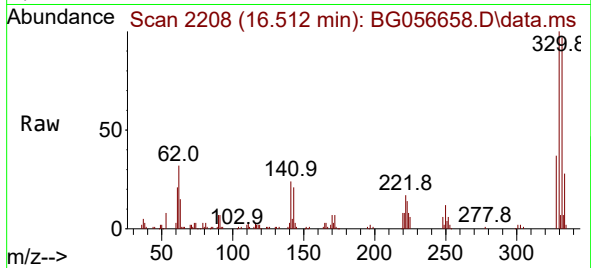




#42
2,4,6-Tribromophenol
Concen: 104.660 ng
RT: 16.512 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

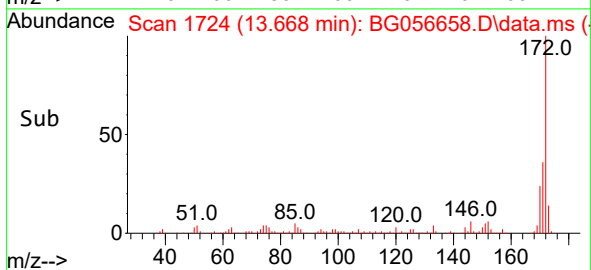
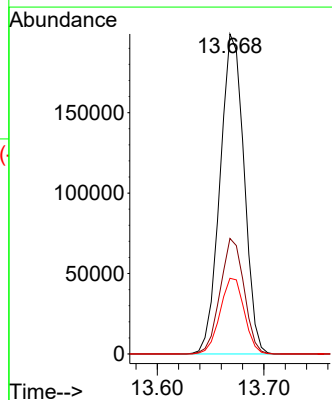
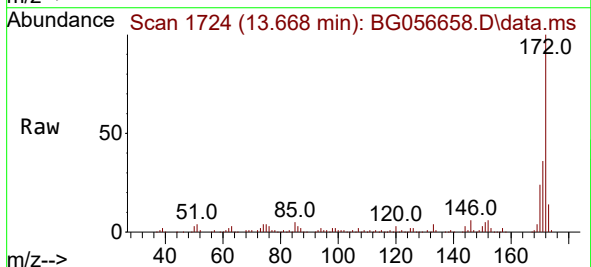
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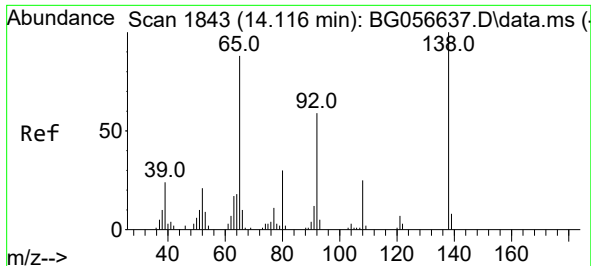
Tgt Ion:330 Resp: 68194
Ion Ratio Lower Upper
330 100
332 96.0 75.7 113.5
141 22.5 24.6 37.0#



#45
2-Fluorobiphenyl
Concen: 87.459 ng
RT: 13.668 min Scan# 1724
Delta R.T. -0.007 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

Tgt Ion:172 Resp: 310836
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.7 19.4 29.0

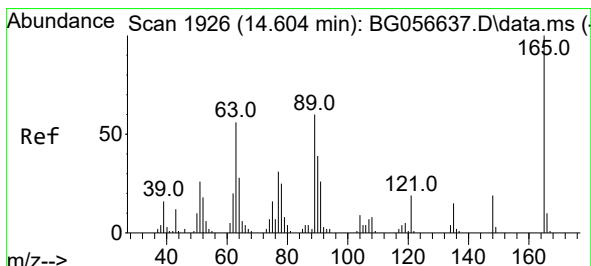
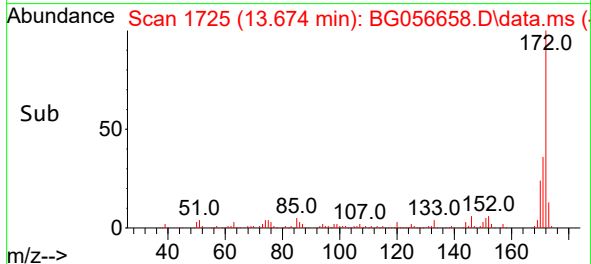
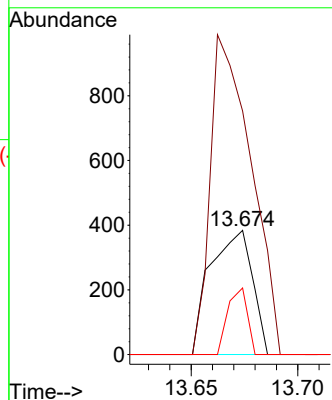
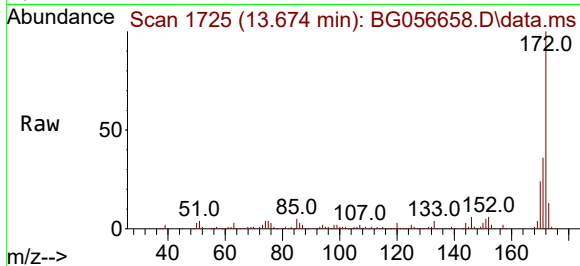




#48
2-Nitroaniline
Concen: 5.811 ng
RT: 13.674 min Scan# 11
Delta R.T. -0.442 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

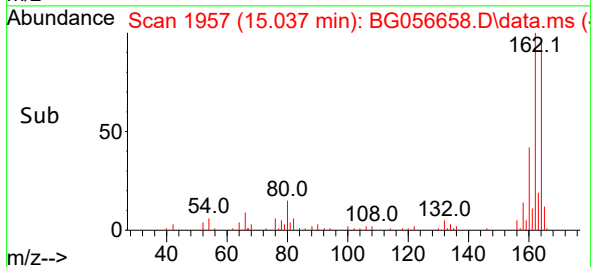
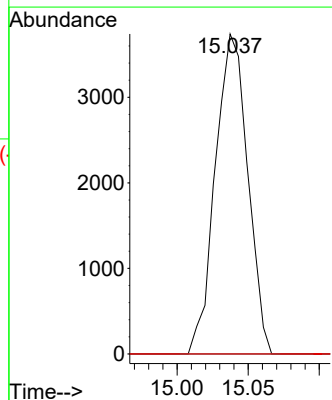
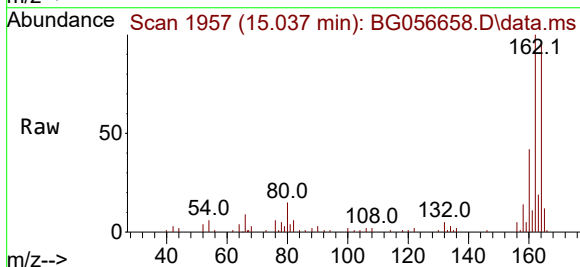
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PB150923BL

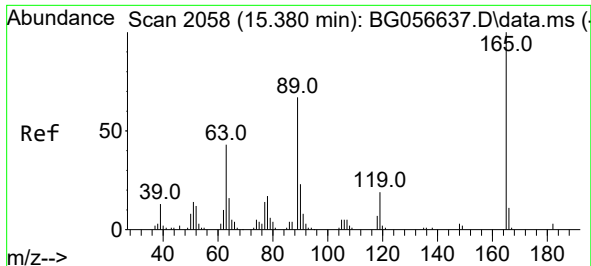
Tgt Ion: 65 Resp: 527
Ion Ratio Lower Upper
65 100
92 196.1 53.8 80.6#
138 53.6 90.6 135.8#



#51
2,6-Dinitrotoluene
Concen: 9.947 ng
RT: 15.037 min Scan# 1957
Delta R.T. 0.433 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

Tgt Ion:165 Resp: 5936
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.2 72.2#





#57

2,4-Dinitrotoluene

Concen: 6.187 ng

RT: 15.037 min Scan# 14

Delta R.T. -0.342 min

Lab File: BG056658.D

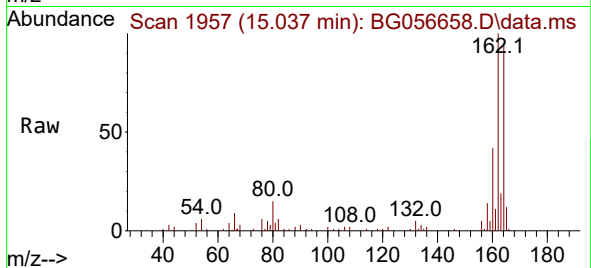
Acq: 17 Feb 2023 16:13

Instrument :

BNA_G

ClientSampleId :

PB150923BL



Tgt Ion:165 Resp: 5936

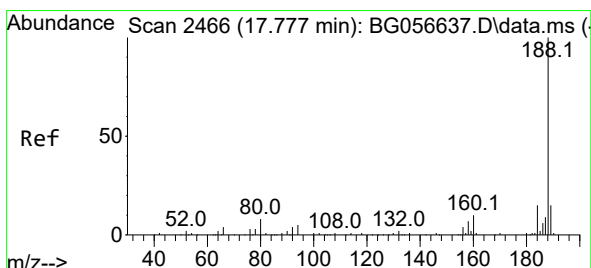
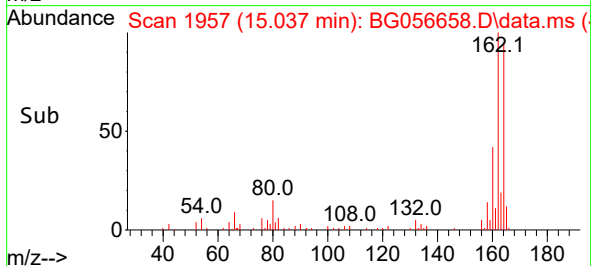
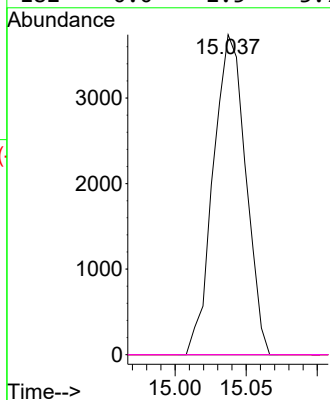
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 53.8 80.8#

182 0.0 2.5 3.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.775 min Scan# 2423

Delta R.T. -0.002 min

Lab File: BG056658.D

Acq: 17 Feb 2023 16:13

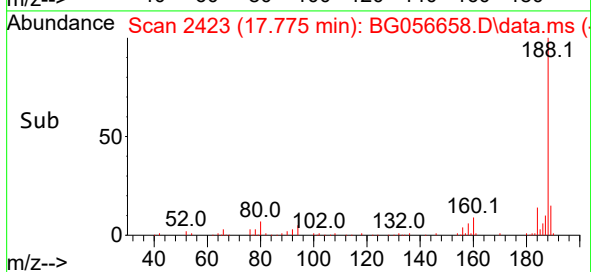
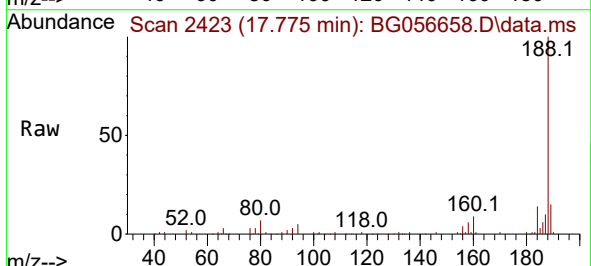
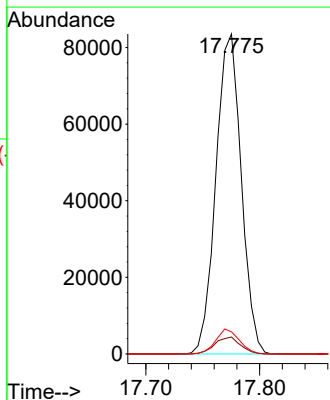
Tgt Ion:188 Resp: 129203

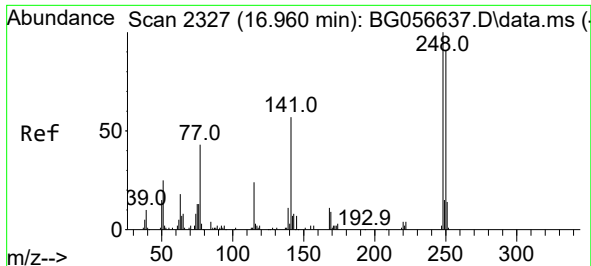
Ion Ratio Lower Upper

188 100

94 5.3 4.0 6.0

80 6.9 6.3 9.5

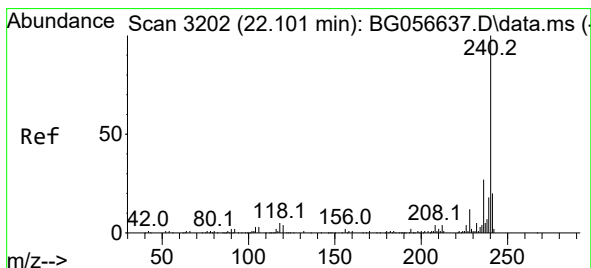
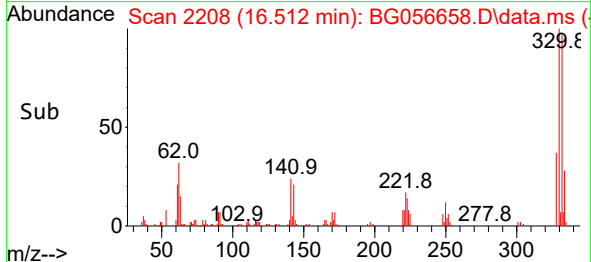
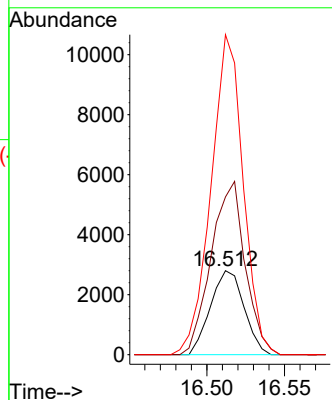
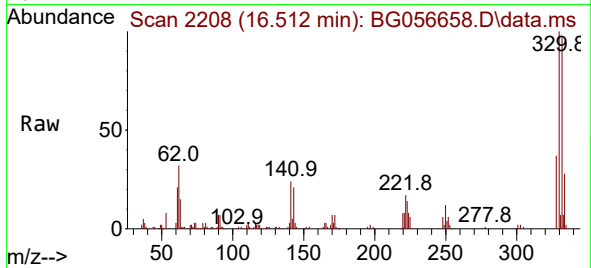




#67
4-Bromophenyl-phenylether
Concen: 2.542 ng
RT: 16.512 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

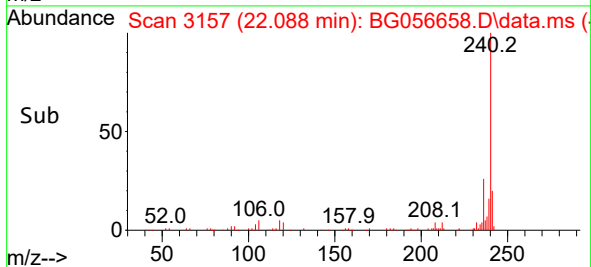
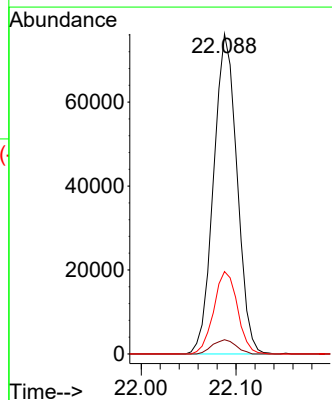
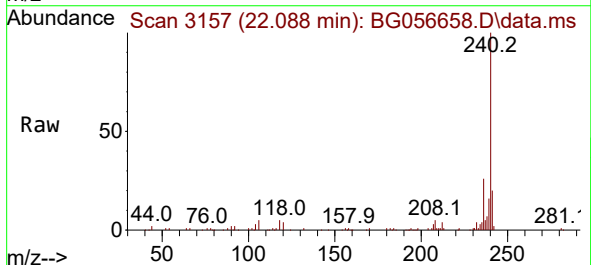
Instrument :
BNA_G
ClientSampleId :
PB150923BL

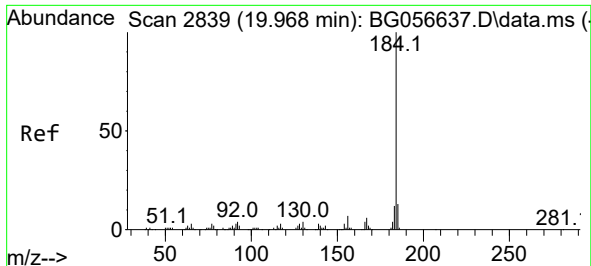
Tgt Ion:248 Resp: 4216
Ion Ratio Lower Upper
248 100
250 187.9 73.0 109.6#
141 381.2 45.6 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.088 min Scan# 3157
Delta R.T. -0.013 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

Tgt Ion:240 Resp: 130731
Ion Ratio Lower Upper
240 100
120 4.5 3.5 5.3
236 25.7 21.5 32.3

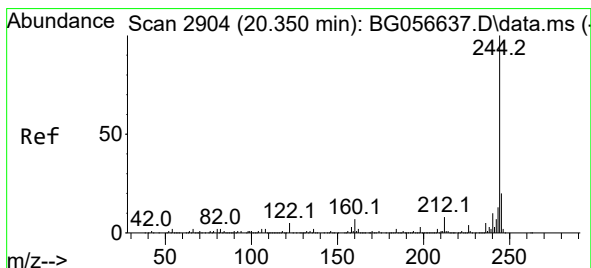
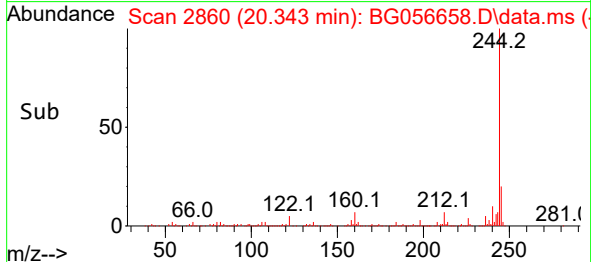
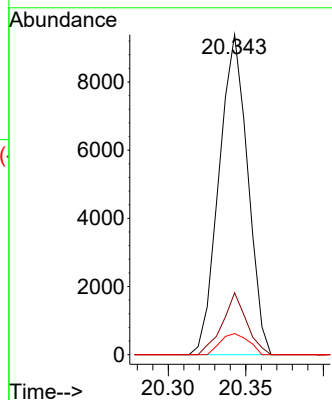
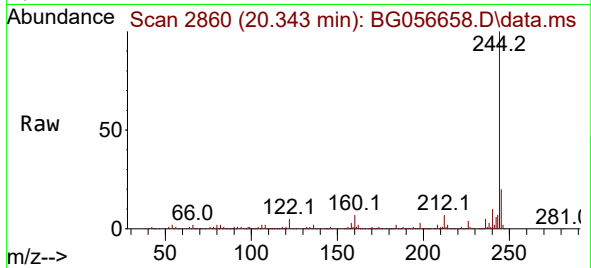




#77
Benzidine
Concen: 3.860 ng
RT: 20.343 min Scan# 2860
Delta R.T. 0.374 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

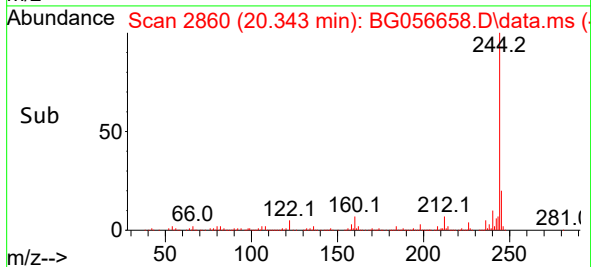
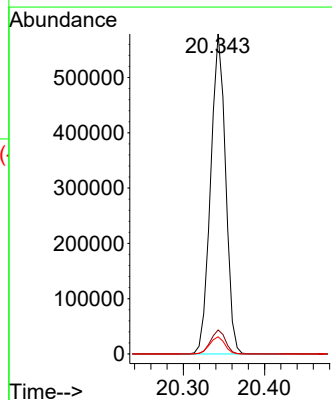
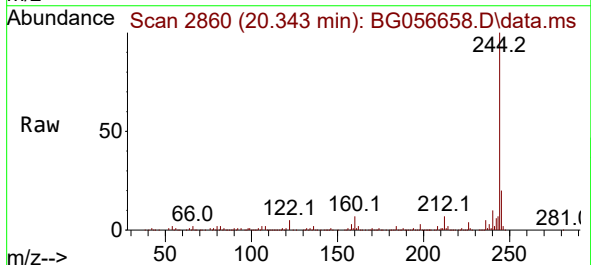
Instrument :
BNA_G
ClientSampleId :
PB150923BL

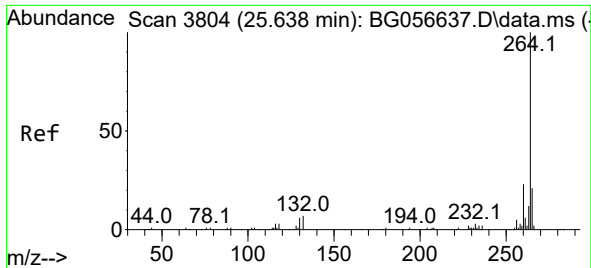
Tgt Ion:184 Resp: 12070
Ion Ratio Lower Upper
184 100
185 19.4 10.6 15.8#
183 6.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 92.421 ng
RT: 20.343 min Scan# 2860
Delta R.T. -0.007 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

Tgt Ion:244 Resp: 738472
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 5.4 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.631 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG056658.D
Acq: 17 Feb 2023 16:13

Instrument :
BNA_G
ClientSampleId :
PB150923BL

Tgt Ion:264 Resp: 139415
Ion Ratio Lower Upper
264 100
260 23.4 18.6 27.8
265 20.5 17.0 25.4

