

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
 Data File : BG056670.D
 Acq On : 20 Feb 2023 12:32
 Operator : CG/JU
 Sample : PB150882TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150882TB

Quant Time: Feb 20 14:34:19 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)

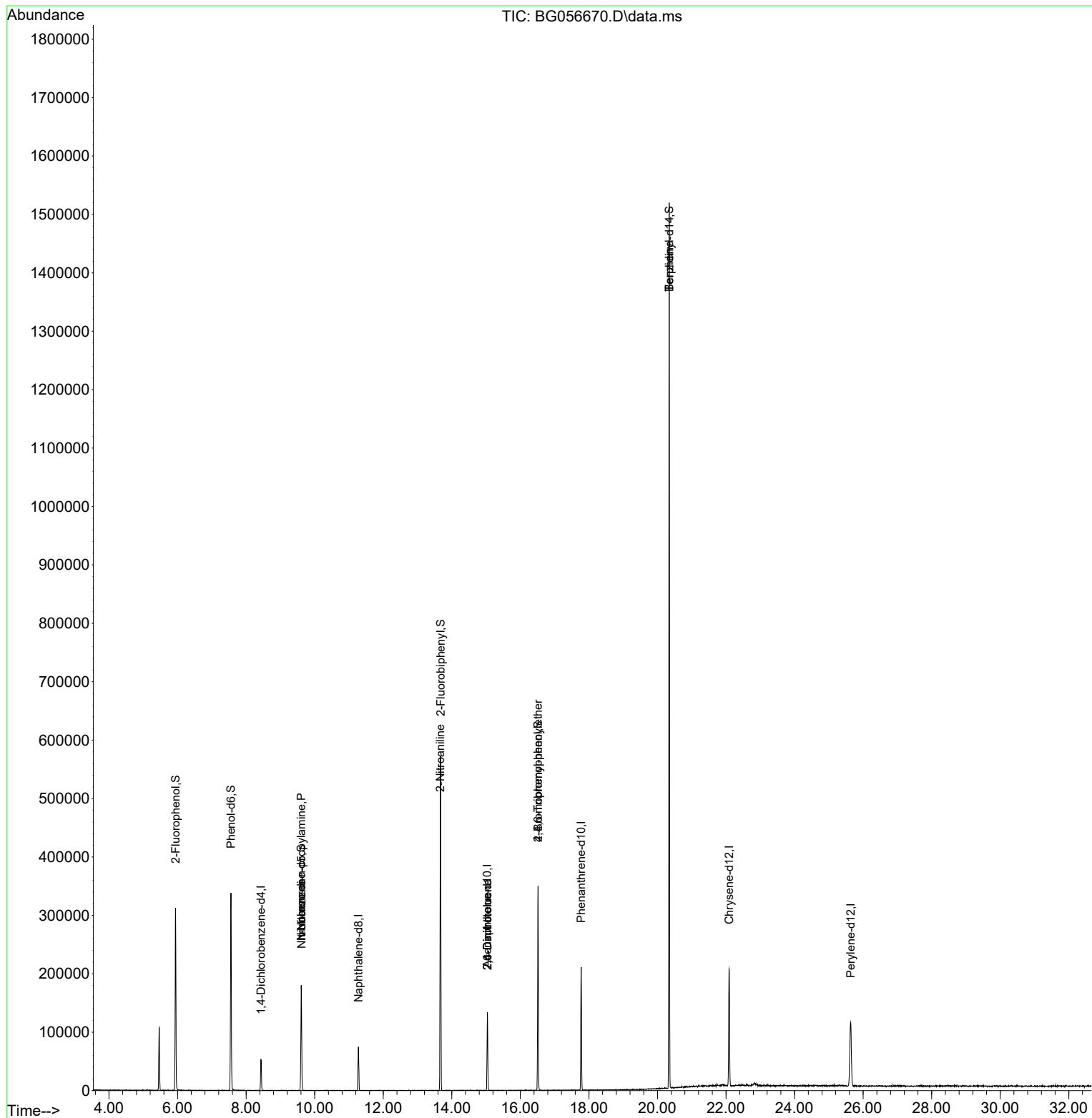
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.433	152	14610	20.000	ng	0.00
21) Naphthalene-d8	11.277	136	61605	20.000	ng	0.00
39) Acenaphthene-d10	15.037	164	48266	20.000	ng	0.00
64) Phenanthrene-d10	17.775	188	135842	20.000	ng	0.00
76) Chrysene-d12	22.087	240	138778	20.000	ng	#-0.01
86) Perylene-d12	25.636	264	145906	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.942	112	134341	149.611	ng	0.00
7) Phenol-d6	7.557	99	188199	141.889	ng	0.00
23) Nitrobenzene-d5	9.608	82	106661	88.648	ng	0.00
42) 2,4,6-Tribromophenol	16.518	330	78689	119.078	ng	0.00
45) 2-Fluorobiphenyl	13.674	172	307112	85.203	ng	0.00
79) Terphenyl-d14	20.342	244	768410	90.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.608	70	13988	14.087	ng	# 82
24) Nitrobenzene	9.614	77	233	2.845	ng	# 43
48) 2-Nitroaniline	13.662	65	584	5.864	ng	# 1
51) 2,6-Dinitrotoluene	15.043	165	6417	10.430	ng	# 21
57) 2,4-Dinitrotoluene	15.043	165	6417	6.594	ng	# 24
67) 4-Bromophenyl-phenylether	16.518	248	5039	2.889	ng	# 1
77) Benzidine	20.342	184	12413	3.740	ng	# 91

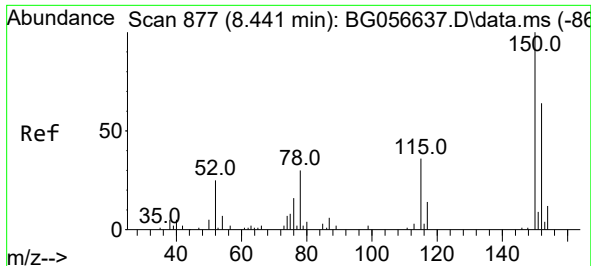
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
Data File : BG056670.D
Acq On : 20 Feb 2023 12:32
Operator : CG/JU
Sample : PB150882TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB150882TB

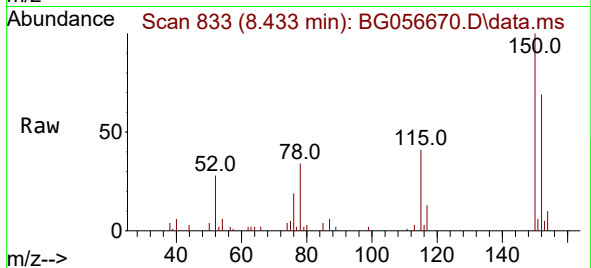
Quant Time: Feb 20 14:34:19 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration



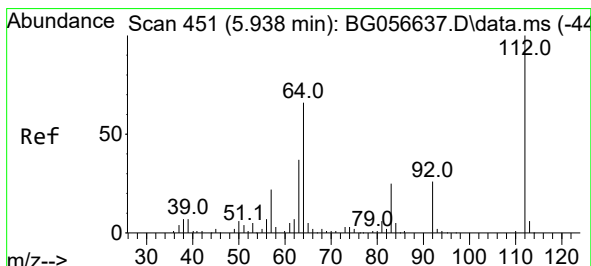
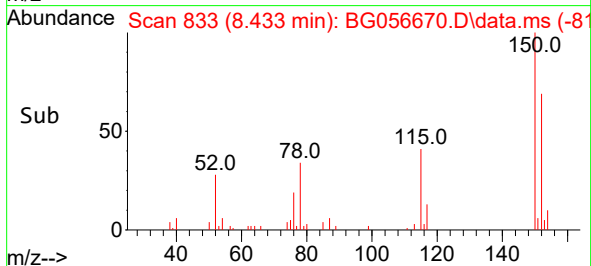
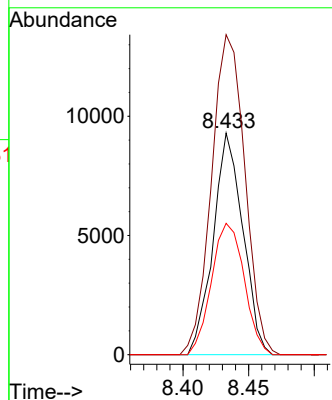


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.433 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Instrument :
BNA_G
ClientSampleId :
PB150882TB

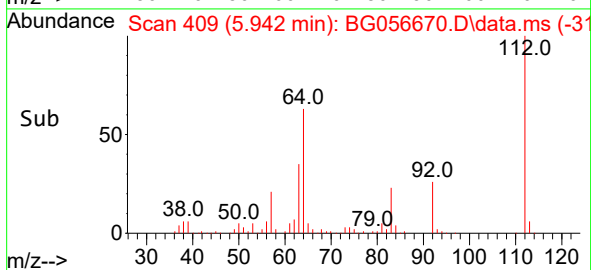
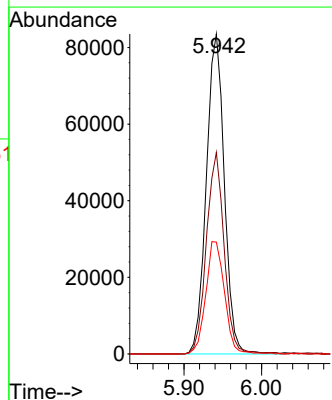
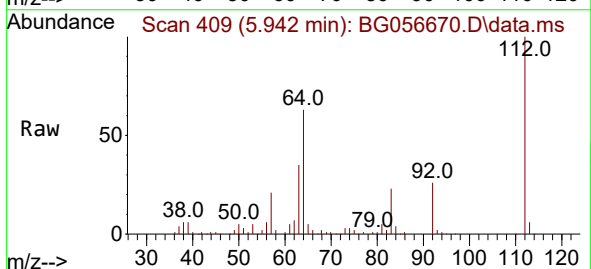


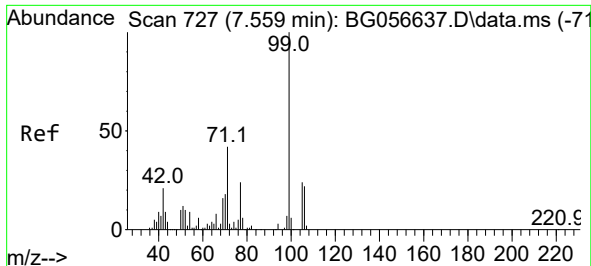
Tgt Ion:152 Resp: 14610
Ion Ratio Lower Upper
152 100
150 144.4 124.8 187.2
115 59.3 44.7 67.1



#5
2-Fluorophenol
Concen: 149.611 ng
RT: 5.942 min Scan# 409
Delta R.T. 0.004 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion:112 Resp: 134341
Ion Ratio Lower Upper
112 100
64 63.0 52.6 78.8
63 34.9 29.8 44.6

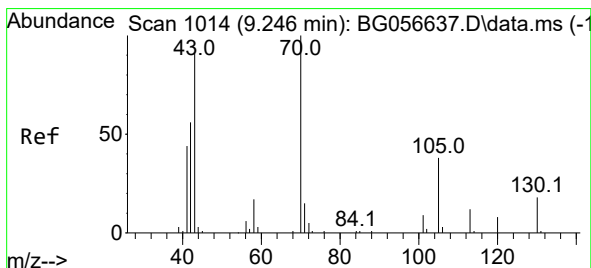
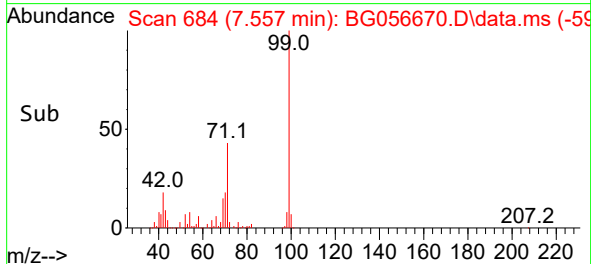
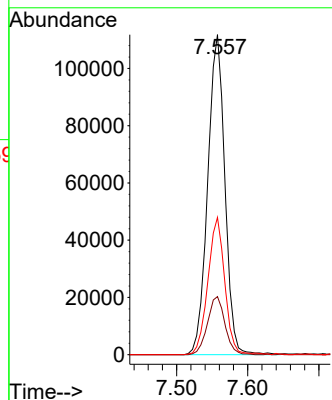
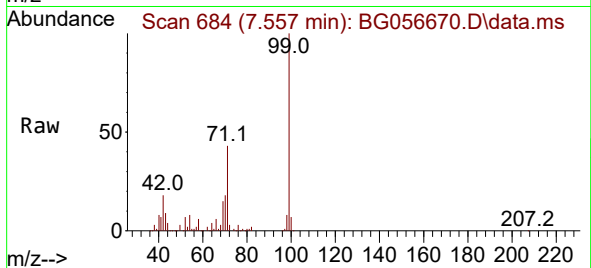




#7
Phenol-d6
Concen: 141.889 ng
RT: 7.557 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

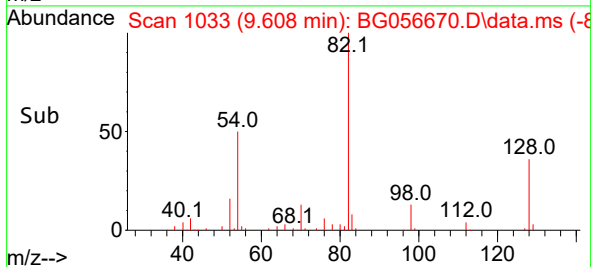
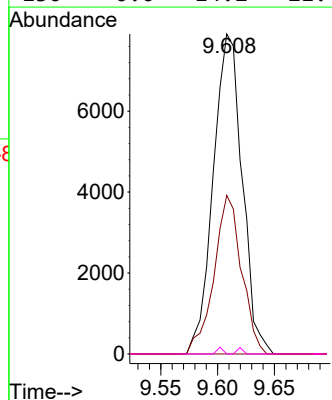
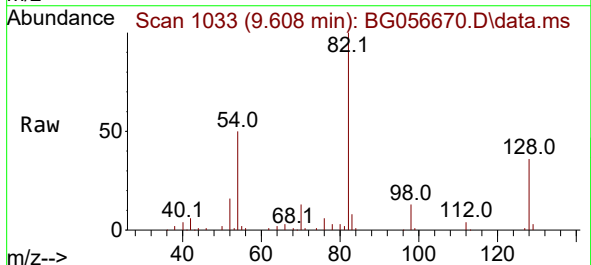
Instrument :
BNA_G
ClientSampleId :
PB150882TB

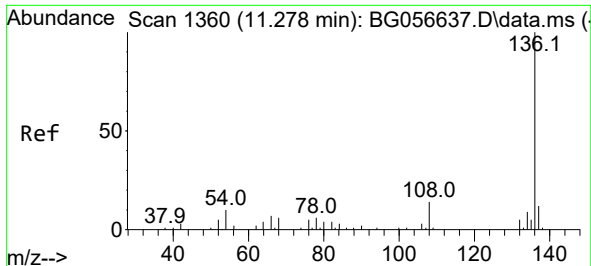
Tgt Ion: 99 Resp: 188199
Ion Ratio Lower Upper
99 100
42 18.1 16.8 25.2
71 42.9 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.087 ng
RT: 9.608 min Scan# 1033
Delta R.T. 0.362 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion: 70 Resp: 13988
Ion Ratio Lower Upper
70 100
42 49.5 45.7 68.5
101 0.0 7.4 11.0#
130 0.0 14.2 21.4#

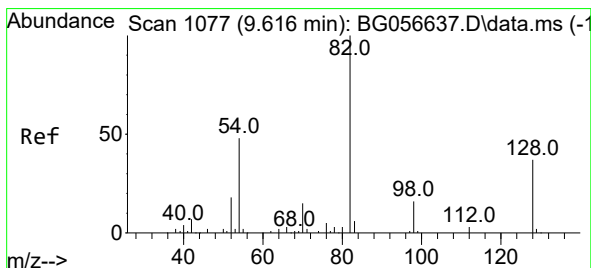
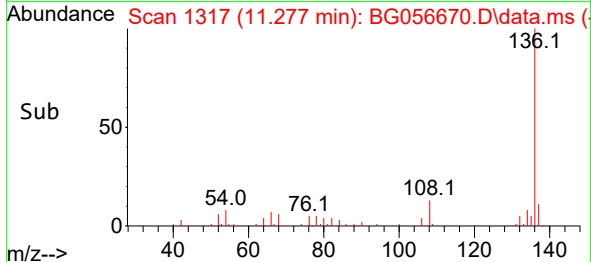
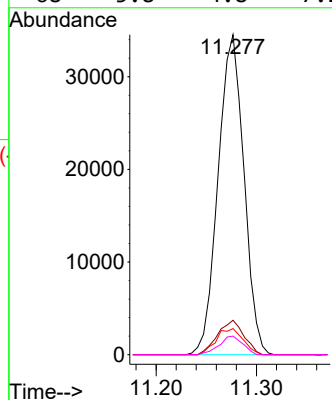
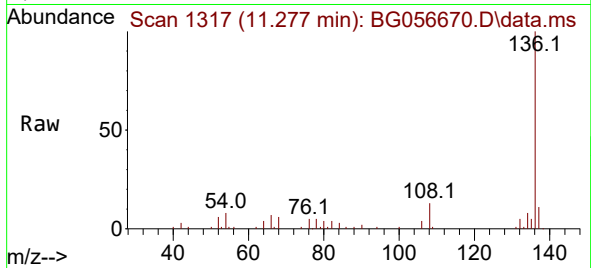




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.277 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

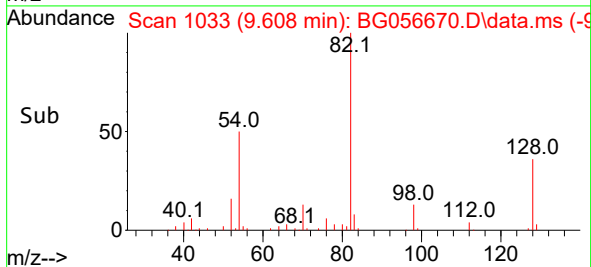
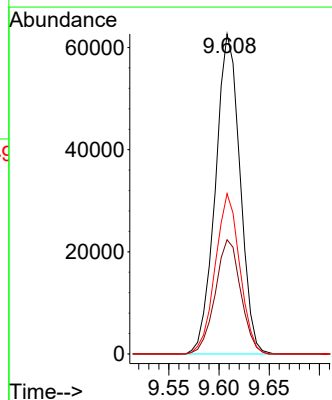
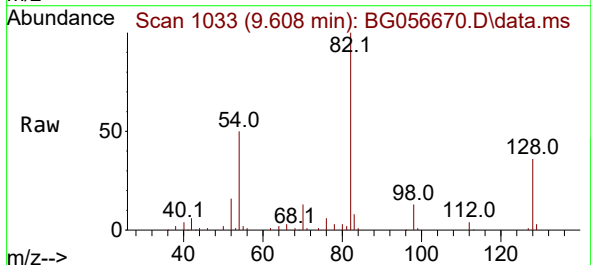
Instrument :
BNA_G
ClientSampleId :
PB150882TB

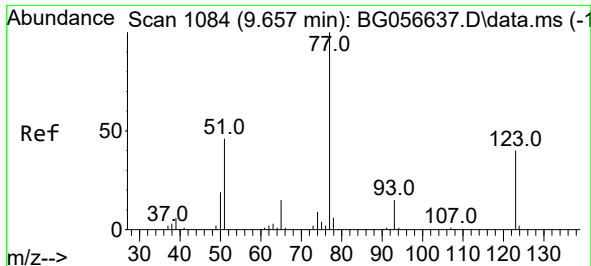
Tgt Ion:136	Resp:	61605
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.7 14.5
54	8.1	7.7 11.5
68	5.8	4.8 7.2



#23
Nitrobenzene-d5
Concen: 88.648 ng
RT: 9.608 min Scan# 1033
Delta R.T. -0.008 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion: 82	Resp:	106661
Ion Ratio	Lower	Upper
82	100	
128	35.7	29.4 44.2
54	50.1	37.8 56.6

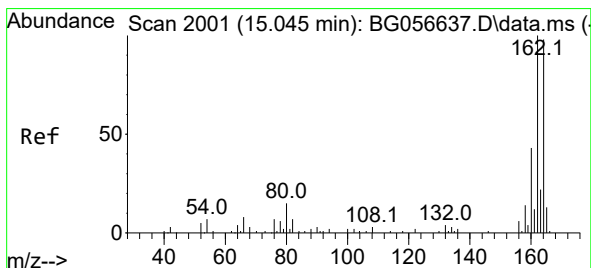
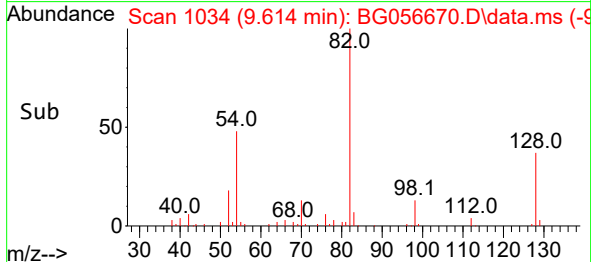
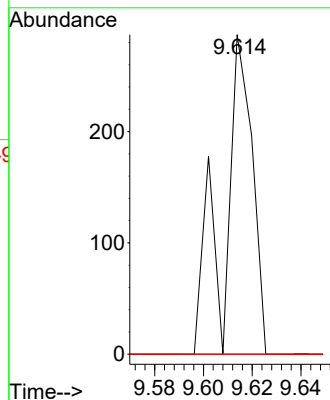
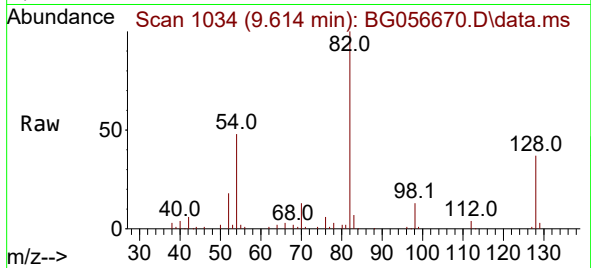




#24
Nitrobenzene
Concen: 2.845 ng
RT: 9.614 min Scan# 1084
Delta R.T. -0.043 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

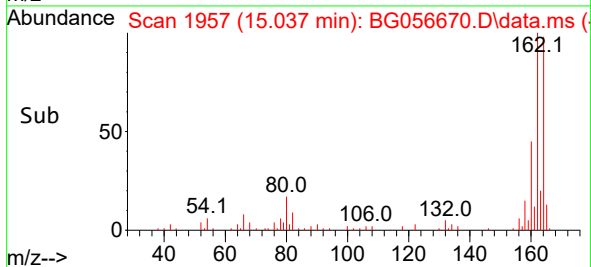
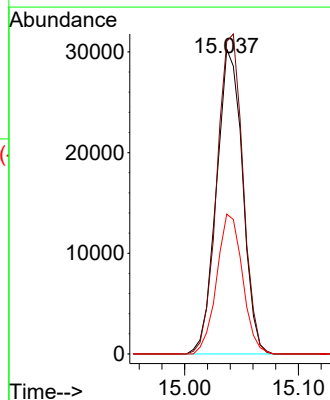
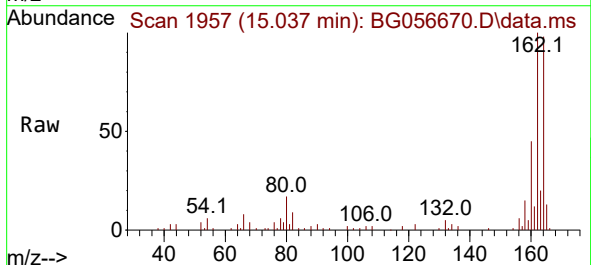
Instrument :
BNA_G
ClientSampleId :
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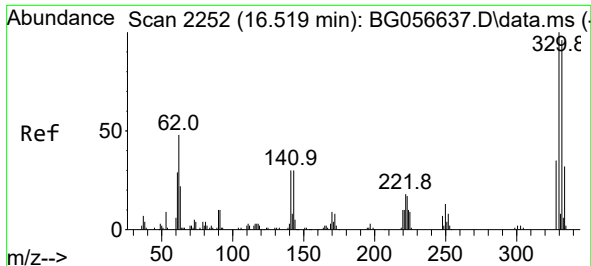
Tgt Ion: 77 Resp: 233
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.037 min Scan# 1957
Delta R.T. -0.008 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion: 164 Resp: 48266
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 119.078 ng

RT: 16.518 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG056670.D

Acq: 20 Feb 2023 12:32

Instrument :

BNA_G

ClientSampleId :

PB150882TB

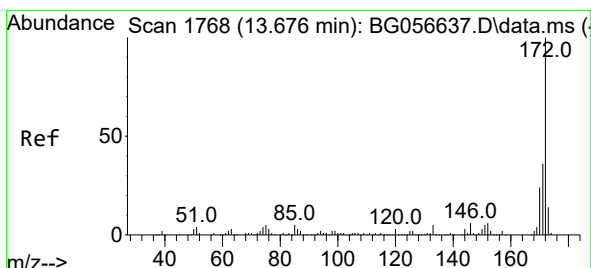
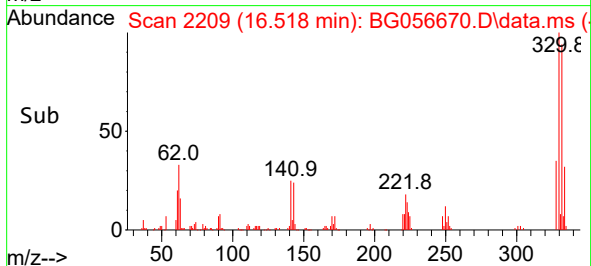
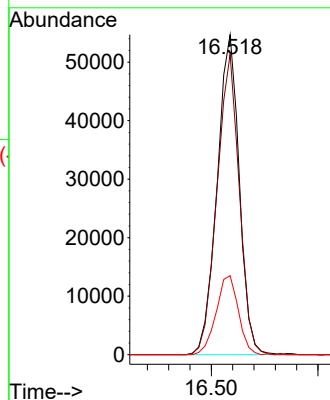
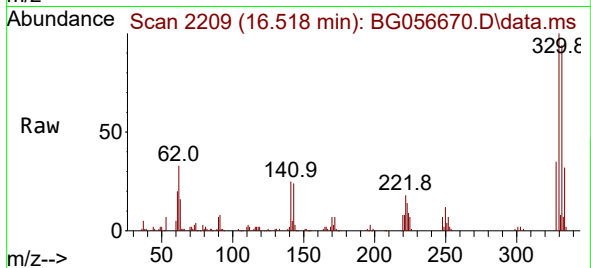
Tgt Ion:330 Resp: 78689

Ion Ratio Lower Upper

330 100

332 94.3 75.7 113.5

141 24.8 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 85.203 ng

RT: 13.674 min Scan# 1725

Delta R.T. -0.002 min

Lab File: BG056670.D

Acq: 20 Feb 2023 12:32

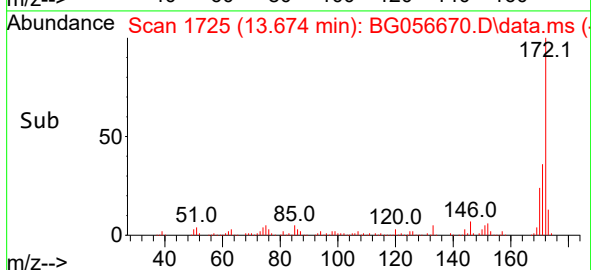
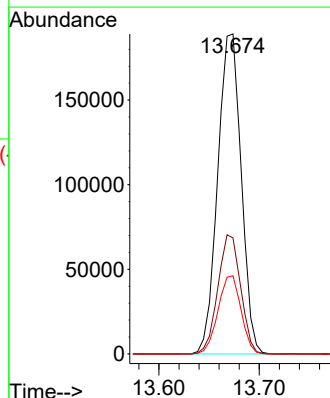
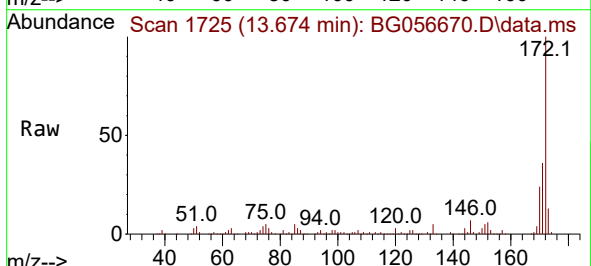
Tgt Ion:172 Resp: 307112

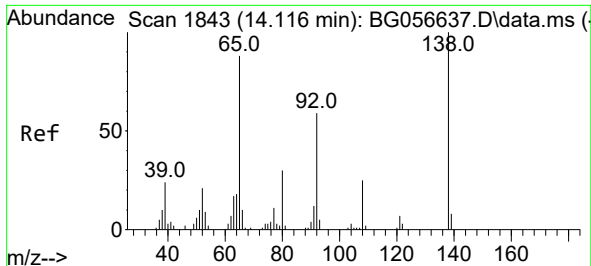
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 24.5 19.4 29.0

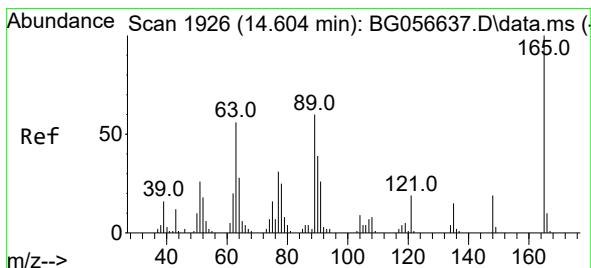
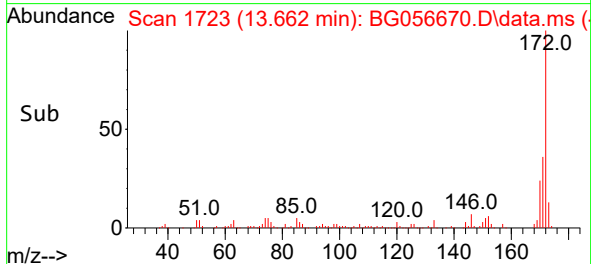
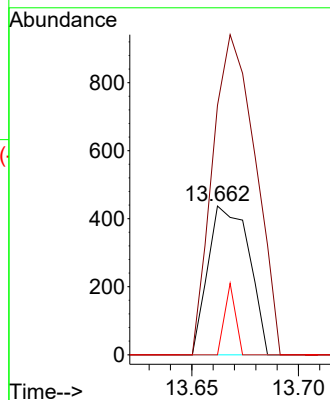
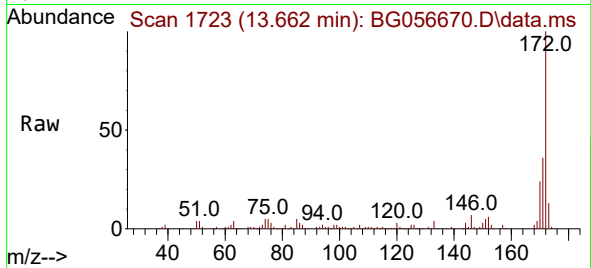




#48
2-Nitroaniline
Concen: 5.864 ng
RT: 13.662 min Scan# 11
Delta R.T. -0.454 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

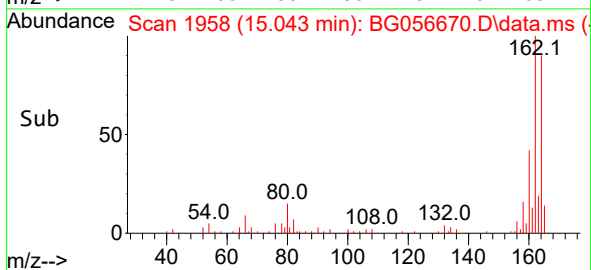
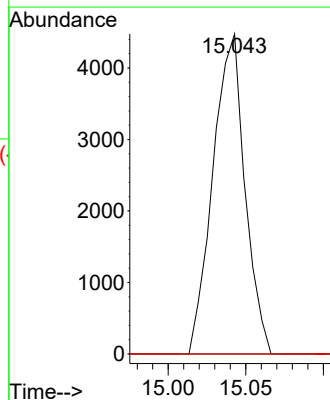
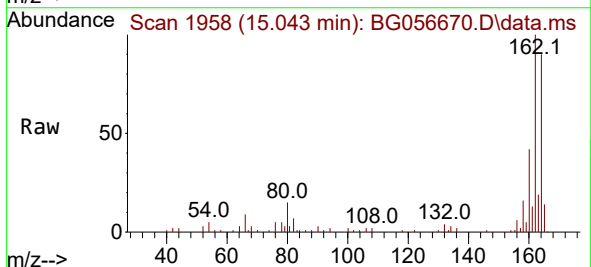
Instrument :
BNA_G
ClientSampleId :
PB150882TB

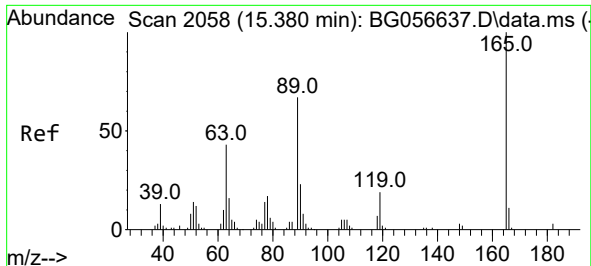
Tgt Ion: 65 Resp: 584
Ion Ratio Lower Upper
65 100
92 167.7 53.8 80.6#
138 0.0 90.6 135.8#



#51
2,6-Dinitrotoluene
Concen: 10.430 ng
RT: 15.043 min Scan# 1958
Delta R.T. 0.439 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion:165 Resp: 6417
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: 6.594 ng

RT: 15.043 min Scan# 1958

Delta R.T. -0.337 min

Lab File: BG056670.D

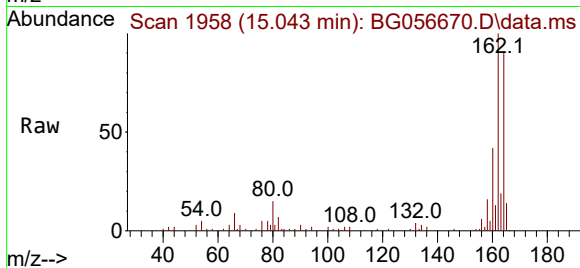
Acq: 20 Feb 2023 12:32

Instrument :

BNA_G

ClientSampleId :

PB150882TB



Tgt Ion:165 Resp: 6417

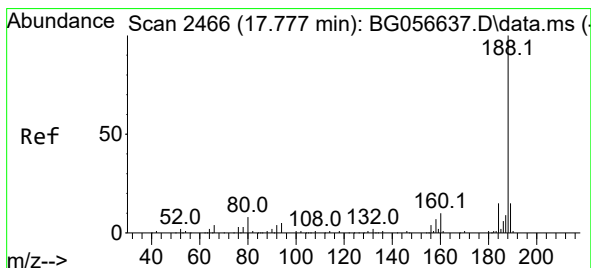
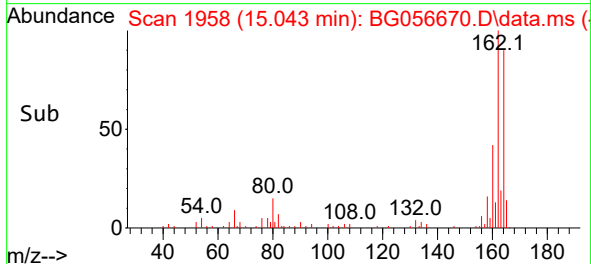
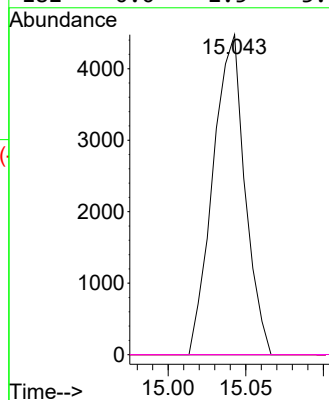
Ion Ratio Lower Upper

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: BG056670.D

Acq: 20 Feb 2023 12:32

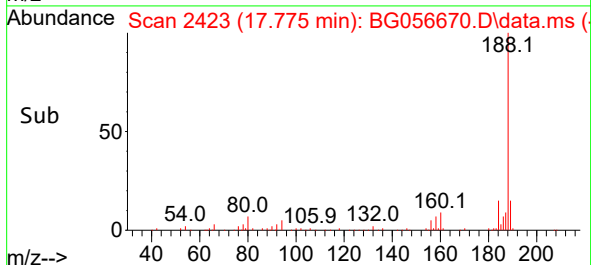
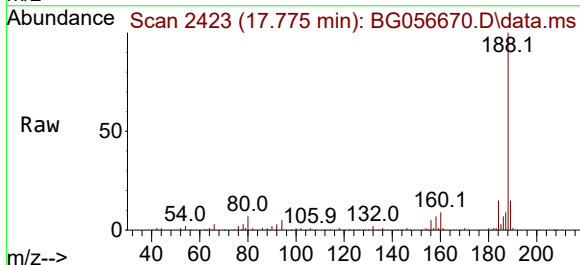
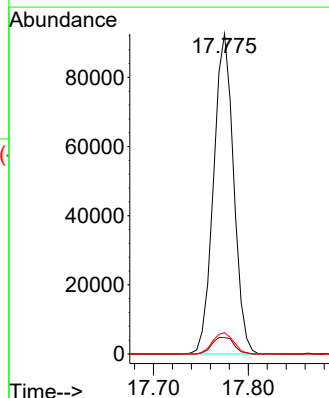
Tgt Ion:188 Resp: 135842

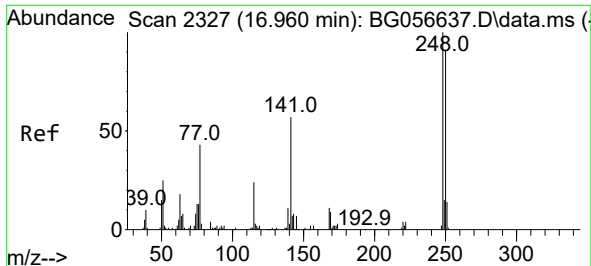
Ion Ratio Lower Upper

188 100

94 5.1 4.0 6.0

80 6.6 6.3 9.5

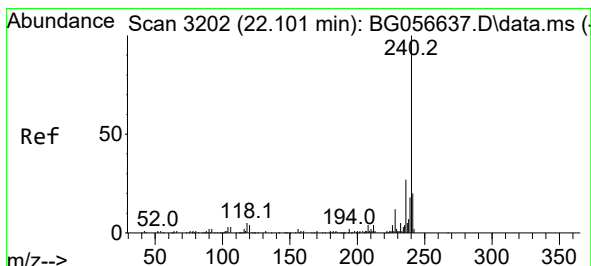
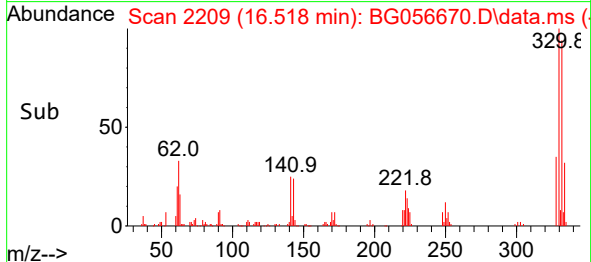
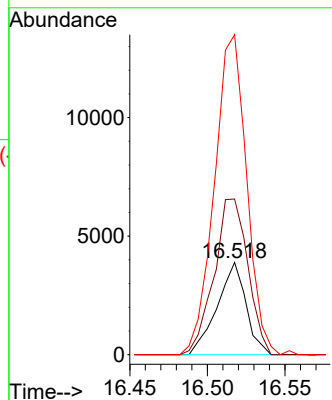
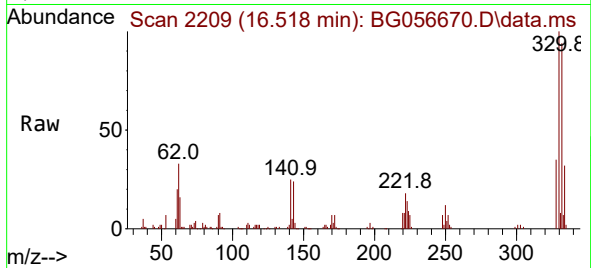




#67
4-Bromophenyl-phenylether
Concen: 2.889 ng
RT: 16.518 min Scan# 21
Delta R.T. -0.443 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

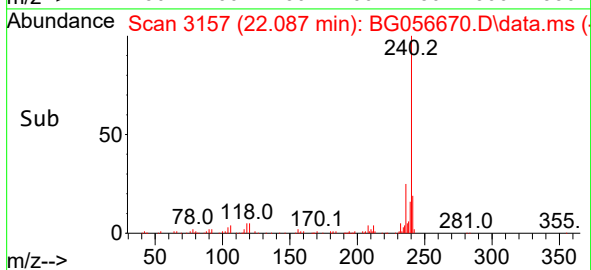
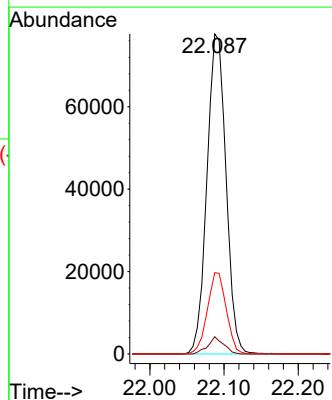
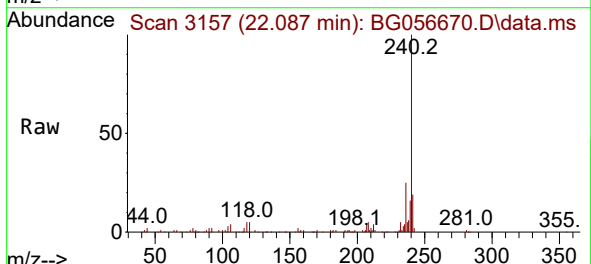
Instrument :
BNA_G
ClientSampleId :
PB150882TB

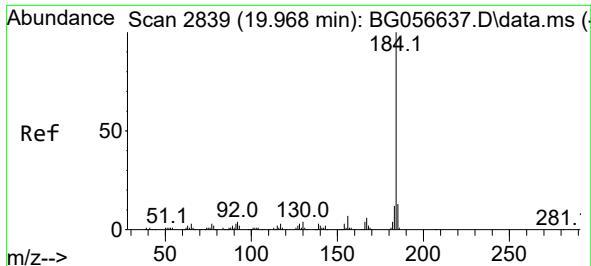
Tgt Ion:248 Resp: 5039
Ion Ratio Lower Upper
248 100
250 168.9 73.0 109.6#
141 346.9 45.6 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. -0.014 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Tgt Ion:240 Resp: 138778
Ion Ratio Lower Upper
240 100
120 5.4 3.5 5.3#
236 25.4 21.5 32.3

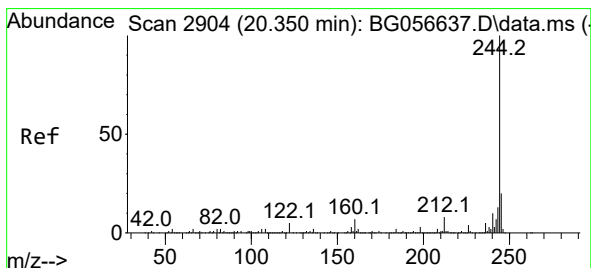
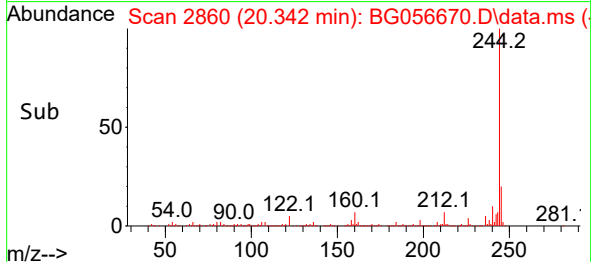
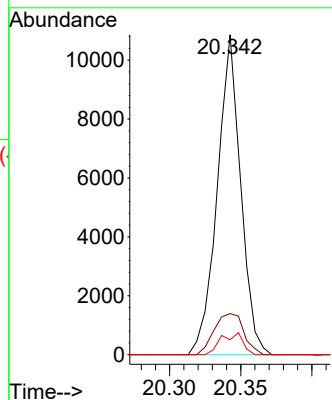
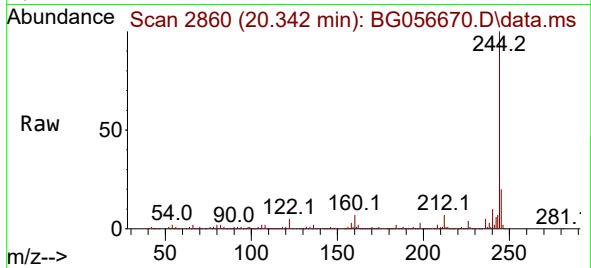




#77
Benzidine
Concen: 3.740 ng
RT: 20.342 min Scan# 2860
Delta R.T. 0.374 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

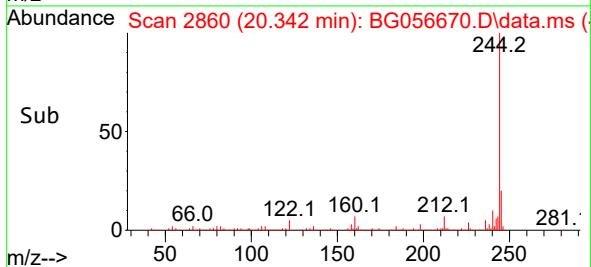
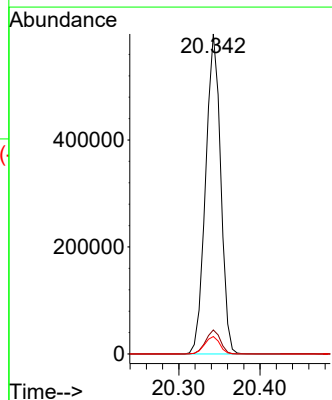
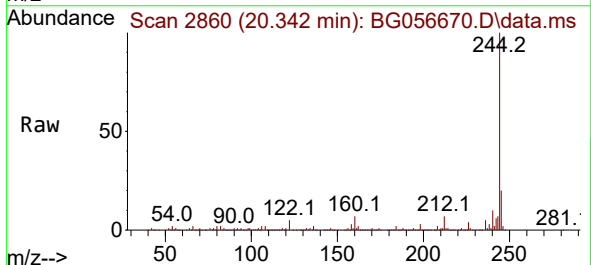
Instrument :
BNA_G
ClientSampleId :
PB150882TB

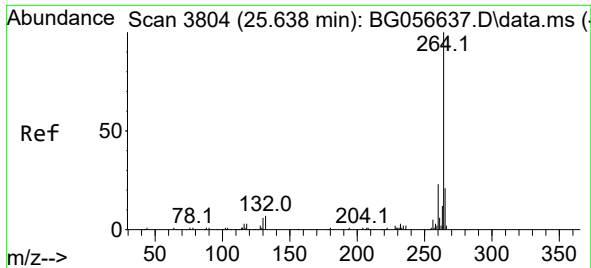
Tgt Ion:184 Resp: 12413
Ion Ratio Lower Upper
184 100
185 12.8 10.6 15.8
183 4.7 9.4 14.0#



#79
Terphenyl-d14
Concen: 90.591 ng
RT: 20.342 min Scan# 2860
Delta R.T. -0.008 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

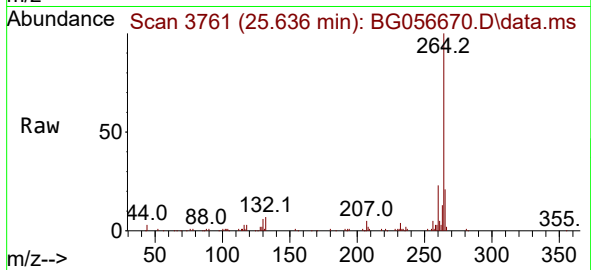
Tgt Ion:244 Resp: 768410
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 5.5 3.8 5.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.636 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG056670.D
Acq: 20 Feb 2023 12:32

Instrument :
BNA_G
ClientSampleId :
PB150882TB



Tgt Ion:264	Resp:	145906
Ion	Ratio	Lower Upper
264	100	
260	22.8	18.6 27.8
265	21.4	17.0 25.4

