

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
 Data File : BG056671.D
 Acq On : 20 Feb 2023 13:13
 Operator : CG/JU
 Sample : PB150904TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150904TB

Quant Time: Feb 20 14:34:34 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)

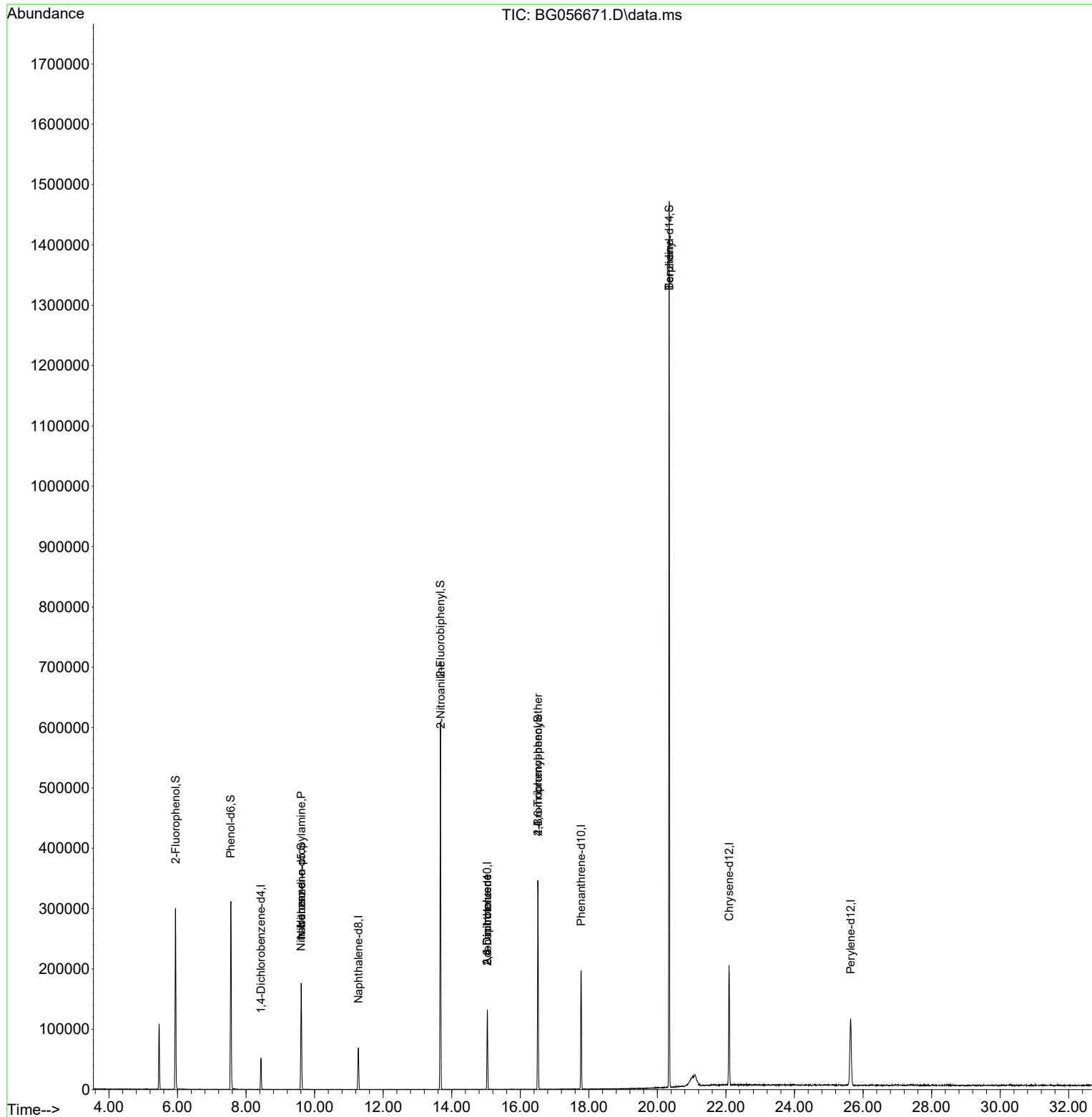
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.435	152	14097	20.000	ng	# 0.00
21) Naphthalene-d8	11.278	136	59137	20.000	ng	0.00
39) Acenaphthene-d10	15.039	164	46609	20.000	ng	0.00
64) Phenanthrene-d10	17.777	188	133189	20.000	ng	0.00
76) Chrysene-d12	22.089	240	133914	20.000	ng	-0.01
86) Perylene-d12	25.638	264	144784	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.944	112	127651	147.334	ng	0.00
7) Phenol-d6	7.553	99	182463	142.570	ng	0.00
23) Nitrobenzene-d5	9.610	82	103446	89.564	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	77908	122.087	ng	0.00
45) 2-Fluorobiphenyl	13.670	172	299725	86.110	ng	0.00
79) Terphenyl-d14	20.344	244	751150	91.773	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.610	70	13995	14.607	ng	# 74
24) Nitrobenzene	9.604	77	161	2.801	ng	# 43
48) 2-Nitroaniline	13.676	65	581	5.882	ng	# 1
51) 2,6-Dinitrotoluene	15.039	165	6028	10.217	ng	# 21
57) 2,4-Dinitrotoluene	15.039	165	6028	6.415	ng	# 24
67) 4-Bromophenyl-phenylether	16.514	248	5059	2.958	ng	# 1
77) Benzidine	20.344	184	12605	3.935	ng	# 95

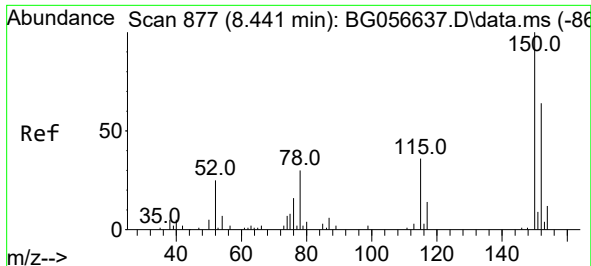
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022023\
Data File : BG056671.D
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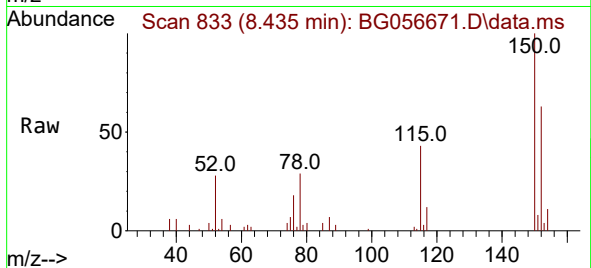
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 01:33:33 2023
Response via : Initial Calibration



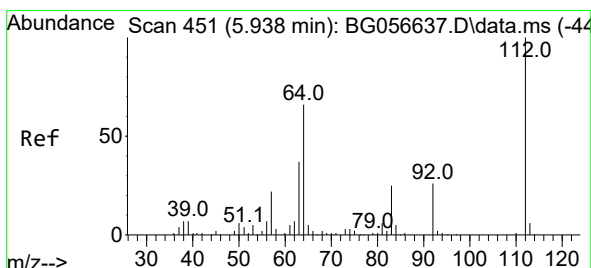
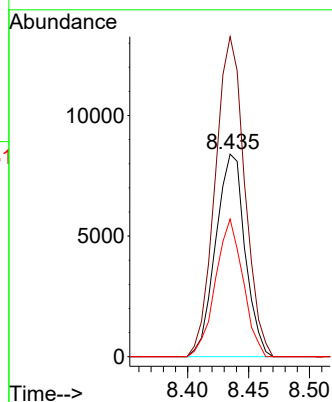
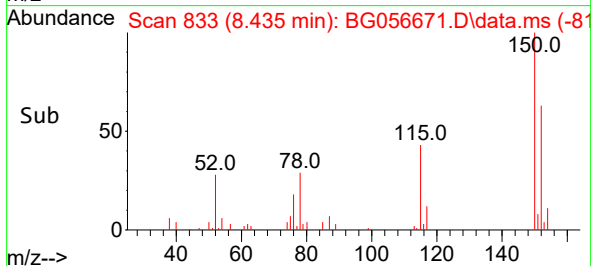


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.435 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

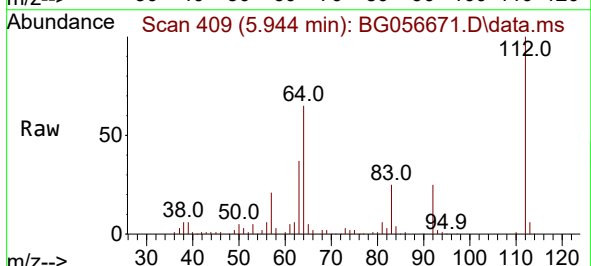
Instrument :
BNA_G
ClientSampleId :
PB150904TB



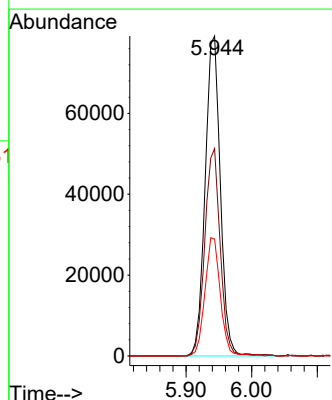
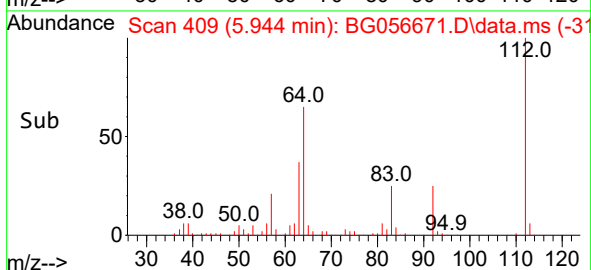
Tgt Ion:152 Resp: 14097
Ion Ratio Lower Upper
152 100
150 158.0 124.8 187.2
115 67.9 44.7 67.1#

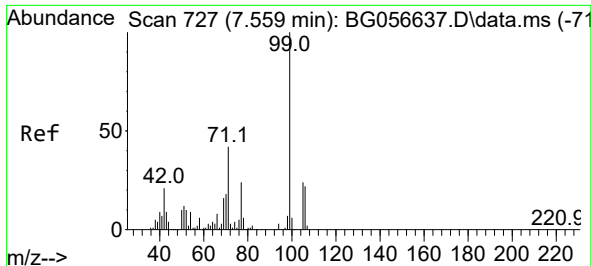


#5
2-Fluorophenol
Concen: 147.334 ng
RT: 5.944 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13



Tgt Ion:112 Resp: 127651
Ion Ratio Lower Upper
112 100
64 64.8 52.6 78.8
63 36.6 29.8 44.6

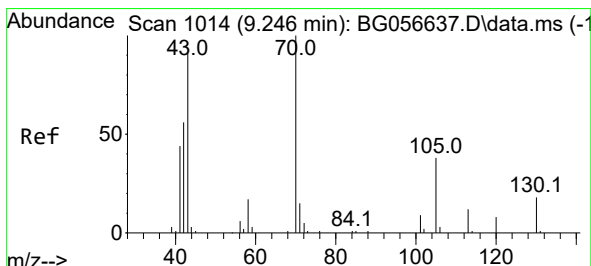
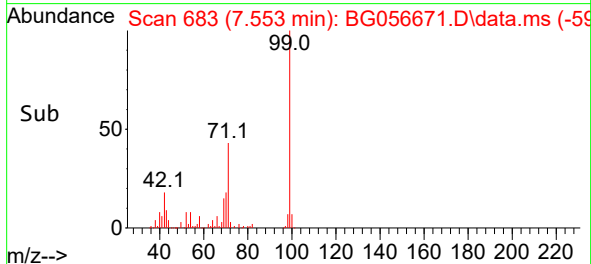
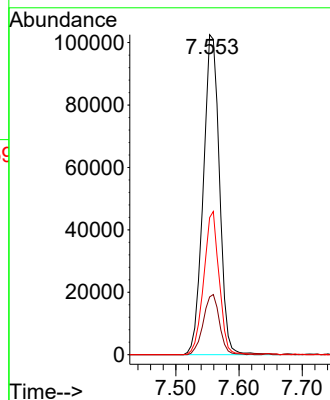
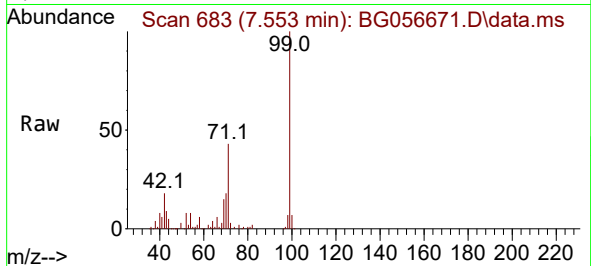




#7
Phenol-d6
Concen: 142.570 ng
RT: 7.553 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

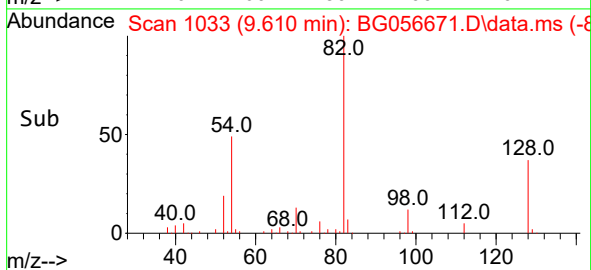
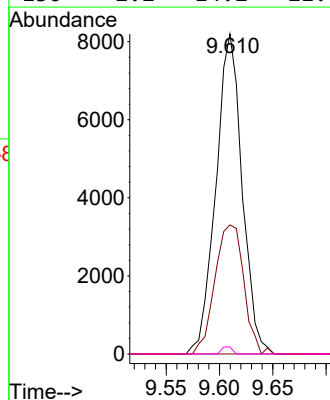
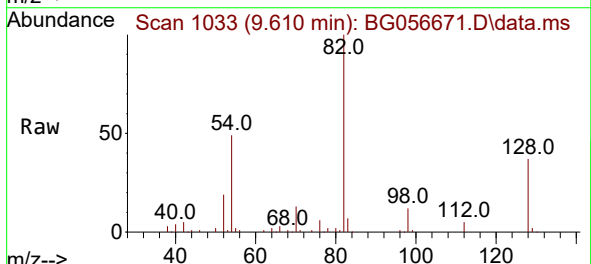
Instrument :
BNA_G
ClientSampleId :
PB150904TB

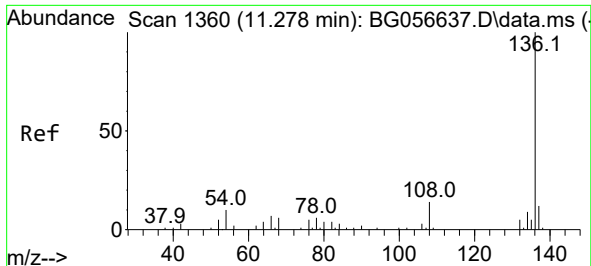
Tgt Ion: 99 Resp: 182463
Ion Ratio Lower Upper
99 100
42 18.1 16.8 25.2
71 42.9 33.9 50.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.607 ng
RT: 9.610 min Scan# 1033
Delta R.T. 0.364 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion: 70 Resp: 13995
Ion Ratio Lower Upper
70 100
42 40.4 45.7 68.5#
101 0.0 7.4 11.0#
130 2.2 14.2 21.4#

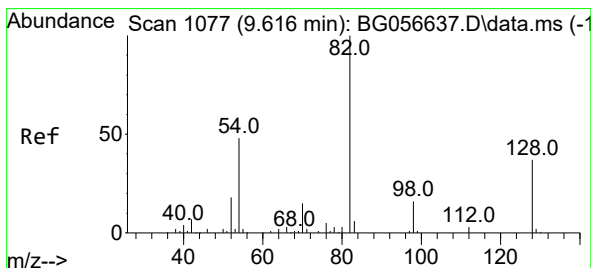
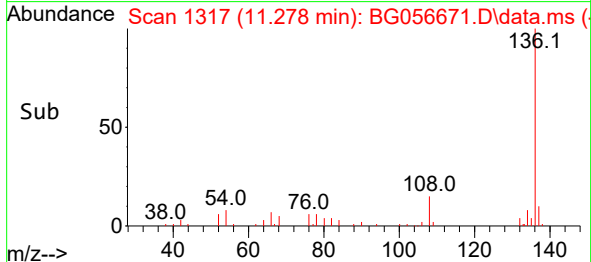
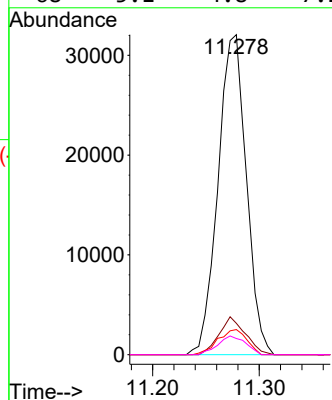
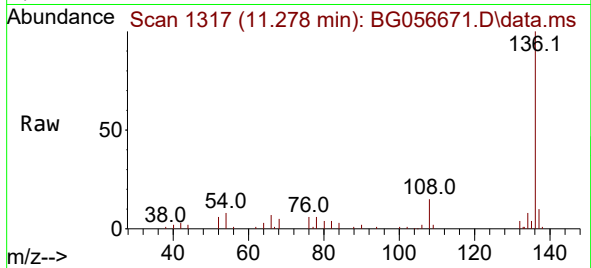




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.278 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

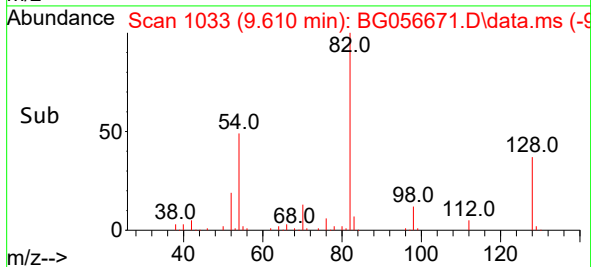
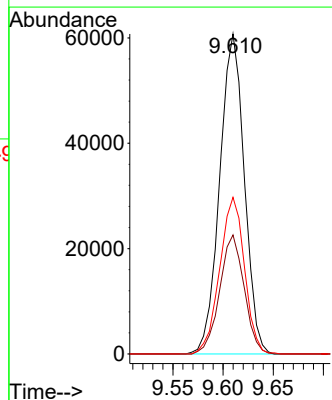
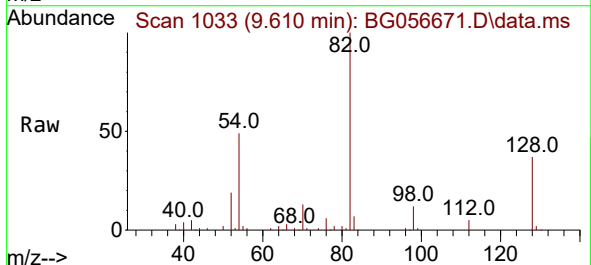
Instrument :
BNA_G
ClientSampleId :
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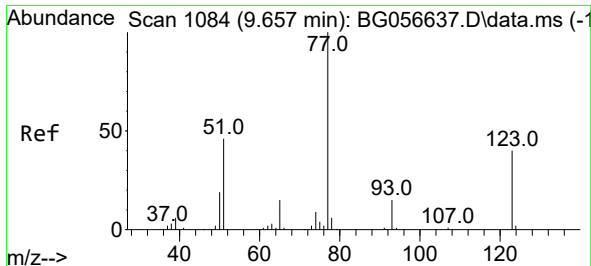
Tgt Ion:136	Resp:	59137
Ion Ratio	Lower	Upper
136	100	
137	9.8	9.7 14.5
54	7.9	7.7 11.5
68	5.1	4.8 7.2



#23
Nitrobenzene-d5
Concen: 89.564 ng
RT: 9.610 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion: 82	Resp:	103446
Ion Ratio	Lower	Upper
82	100	
128	37.2	29.4 44.2
54	49.0	37.8 56.6

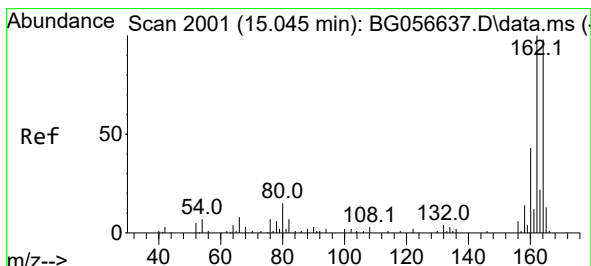
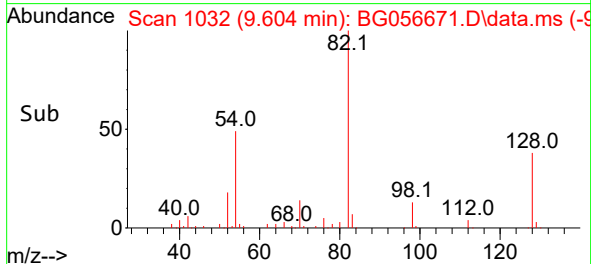
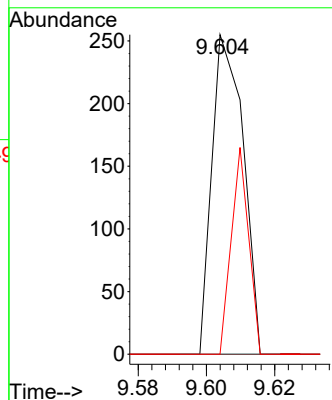
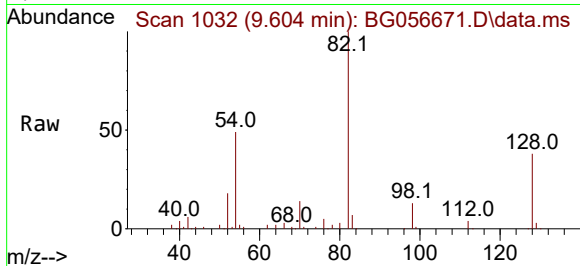




#24
Nitrobenzene
Concen: 2.801 ng
RT: 9.604 min Scan# 1084
Delta R.T. -0.053 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

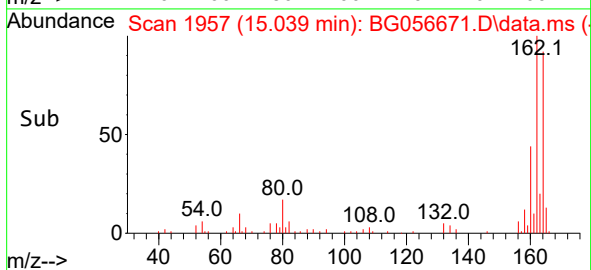
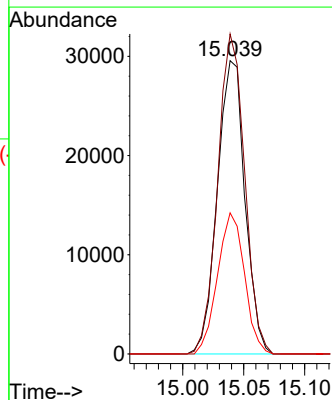
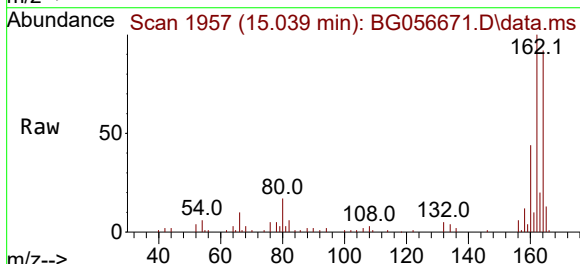
Instrument :
BNA_G
ClientSampleId :
PB150904TB

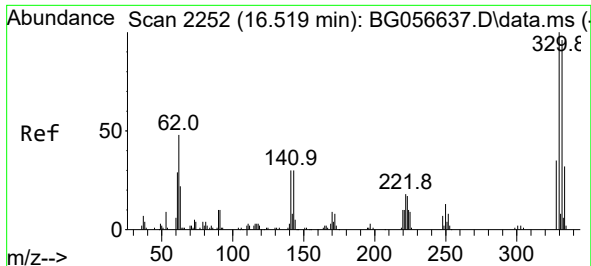
Tgt Ion: 77 Resp: 161
Ion Ratio Lower Upper
77 100
123 0.0 31.8 47.8#
65 0.0 12.0 18.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.039 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion:164 Resp: 46609
Ion Ratio Lower Upper
164 100
162 109.1 81.3 121.9
160 48.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 122.087 ng

RT: 16.514 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056671.D

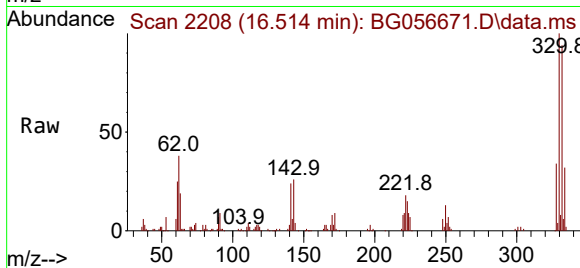
Acq: 20 Feb 2023 13:13

Instrument :

BNA_G

ClientSampleId :

PB150904TB



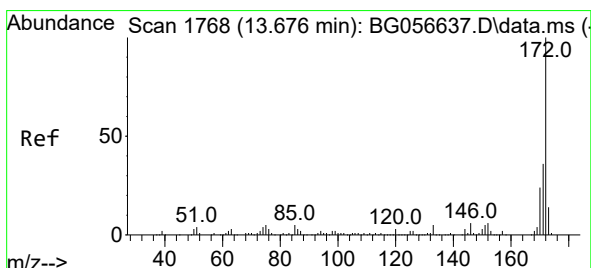
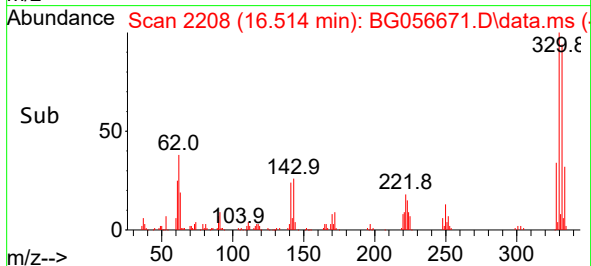
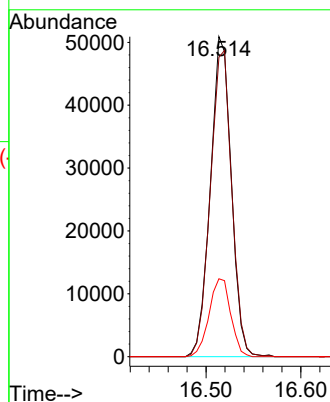
Tgt Ion:330 Resp: 77908

Ion Ratio Lower Upper

330 100

332 98.0 75.7 113.5

141 25.2 24.6 37.0



#45

2-Fluorobiphenyl

Concen: 86.110 ng

RT: 13.670 min Scan# 1724

Delta R.T. -0.006 min

Lab File: BG056671.D

Acq: 20 Feb 2023 13:13

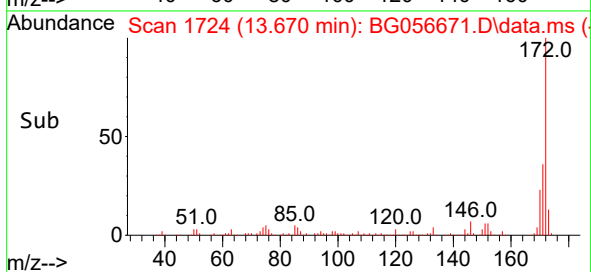
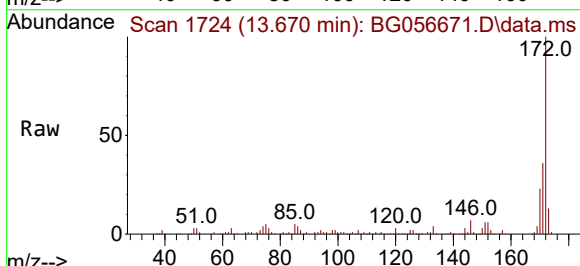
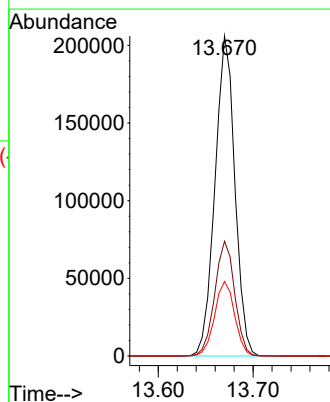
Tgt Ion:172 Resp: 299725

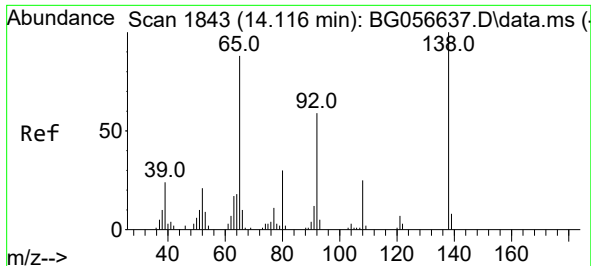
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.3 19.4 29.0

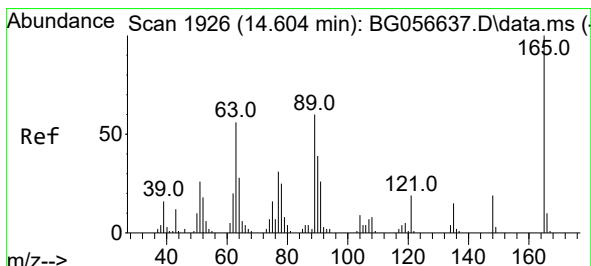
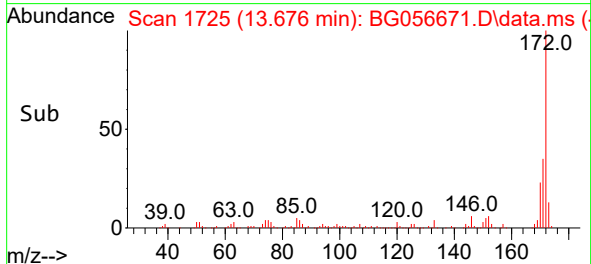
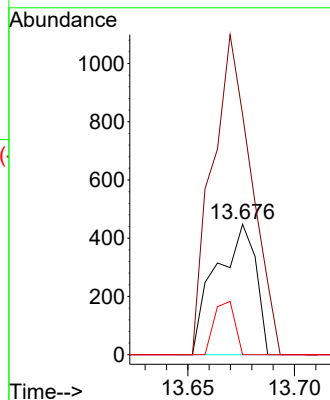
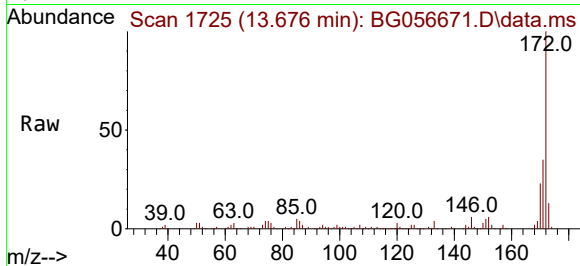




#48
2-Nitroaniline
Concen: 5.882 ng
RT: 13.676 min Scan# 11
Delta R.T. -0.440 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

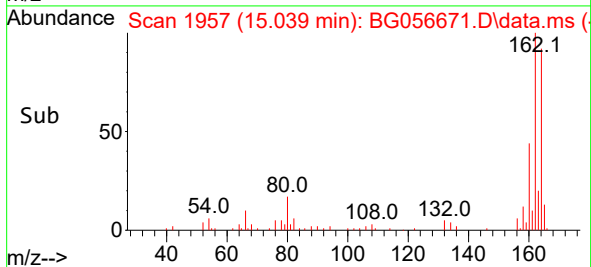
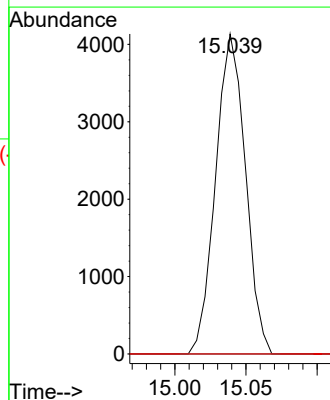
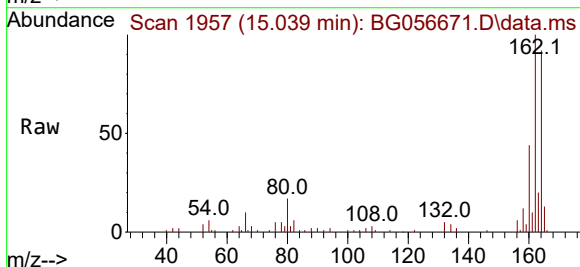
Instrument :
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PB150904TB

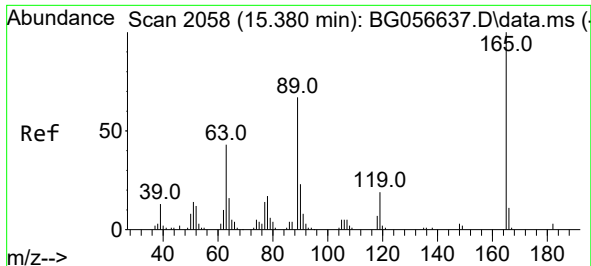
Tgt Ion: 65 Resp: 581
Ion Ratio Lower Upper
65 100
92 184.2 53.8 80.6#
138 0.0 90.6 135.8#



#51
2,6-Dinitrotoluene
Concen: 10.217 ng
RT: 15.039 min Scan# 1957
Delta R.T. 0.435 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion:165 Resp: 6028
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 48.2 72.2#

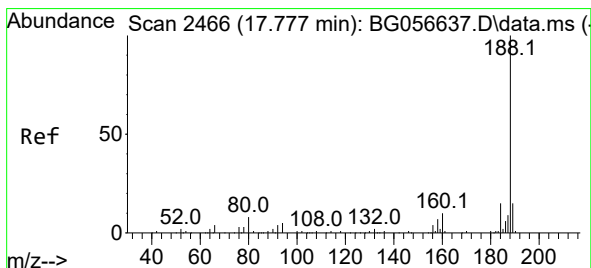
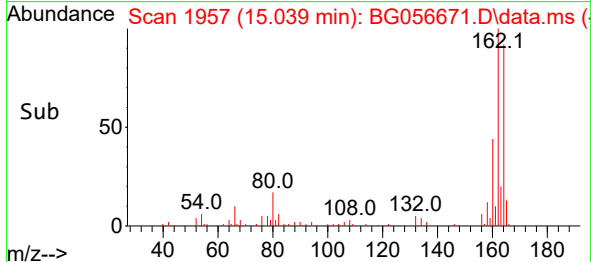
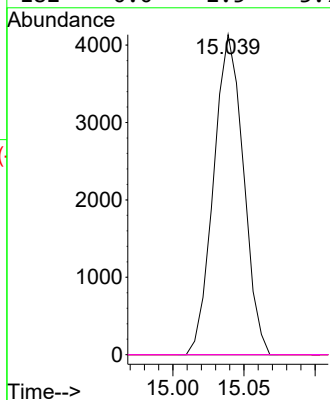
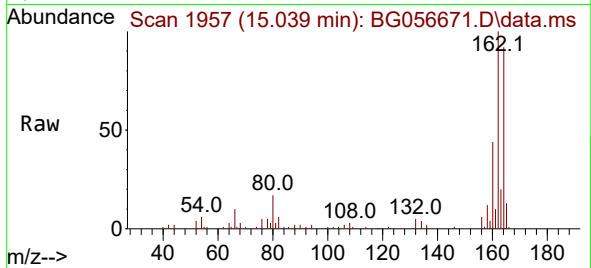




#57
2,4-Dinitrotoluene
Concen: 6.415 ng
RT: 15.039 min Scan# 1957
Delta R.T. -0.341 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

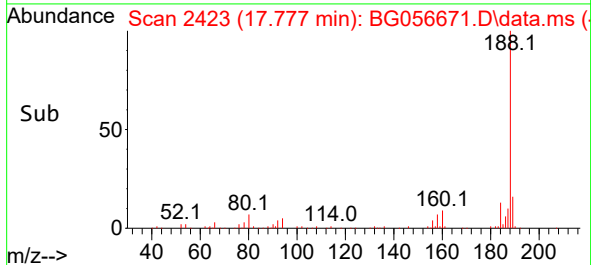
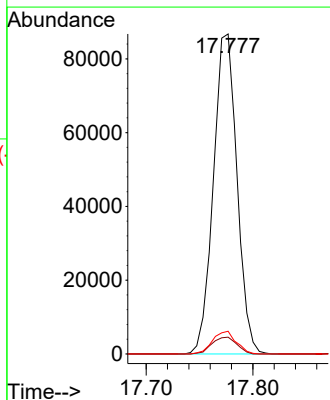
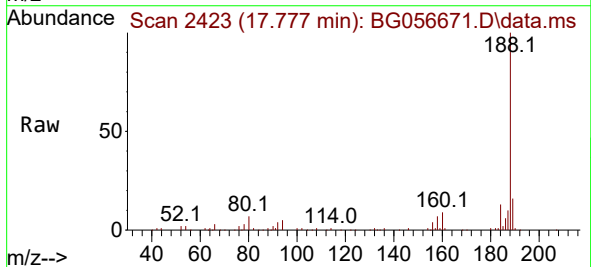
Instrument :
BNA_G
ClientSampleId :
PB150904TB

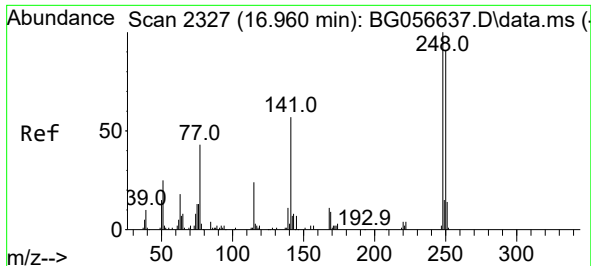
Tgt Ion:165 Resp: 6028
Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 53.8 80.8#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.777 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion:188 Resp: 133189
Ion Ratio Lower Upper
188 100
94 5.3 4.0 6.0
80 7.1 6.3 9.5

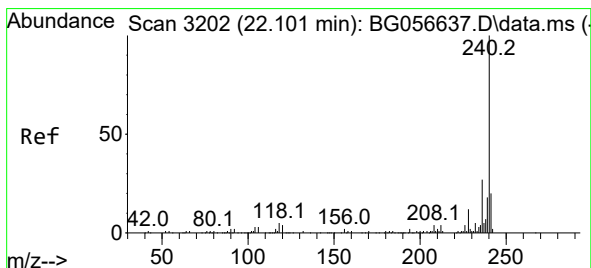
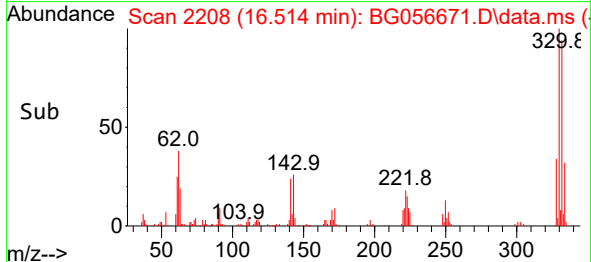
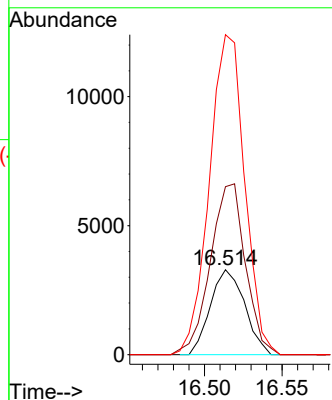
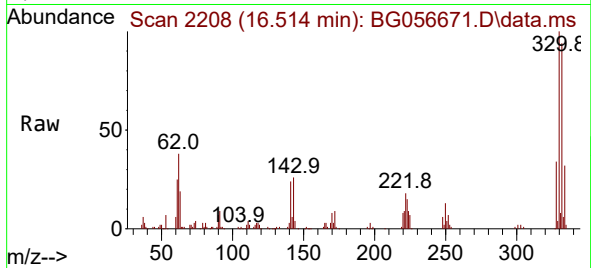




#67
4-Bromophenyl-phenylether
Concen: 2.958 ng
RT: 16.514 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

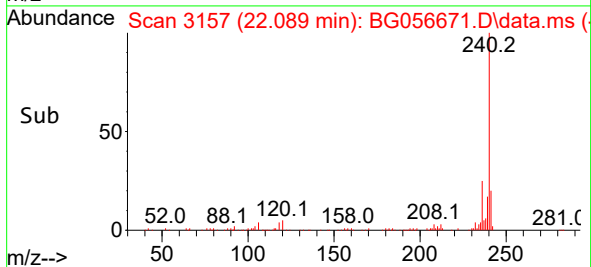
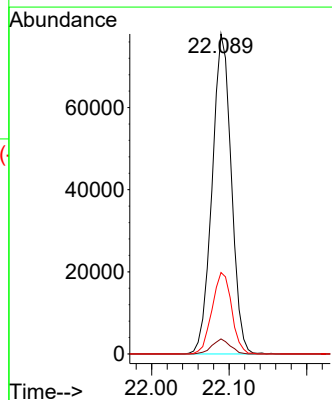
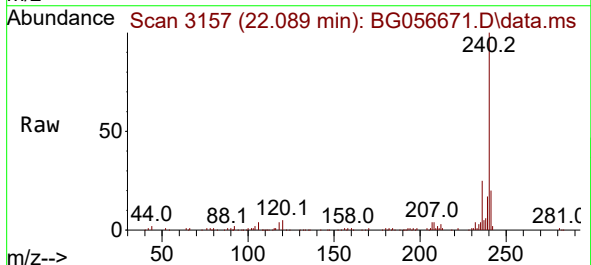
Instrument :
BNA_G
ClientSampleId :
PB150904TB

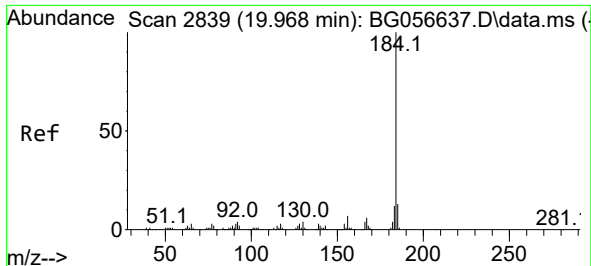
Tgt Ion:248 Resp: 5059
Ion Ratio Lower Upper
248 100
250 197.7 73.0 109.6#
141 376.7 45.6 68.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

Tgt Ion:240 Resp: 133914
Ion Ratio Lower Upper
240 100
120 4.7 3.5 5.3
236 25.4 21.5 32.3

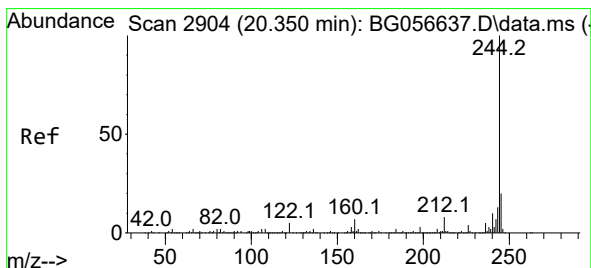
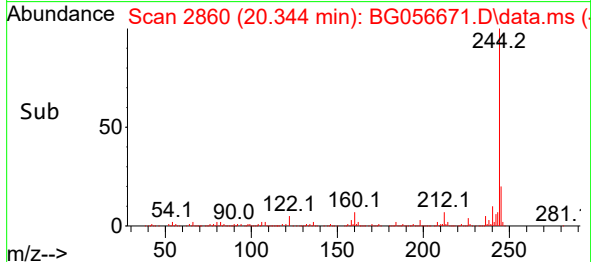
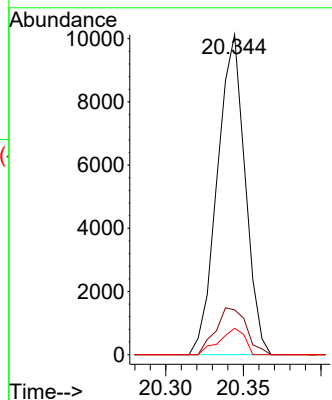
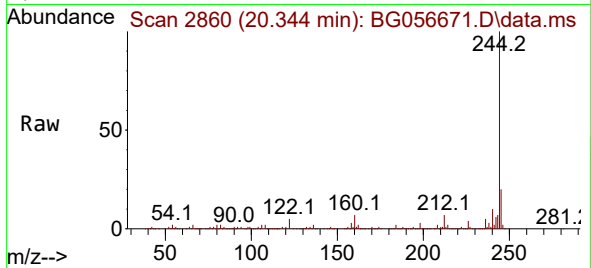




#77
Benzidine
Concen: 3.935 ng
RT: 20.344 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

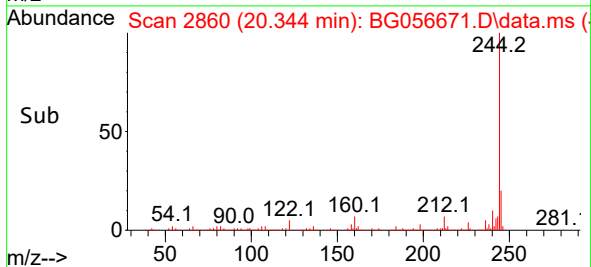
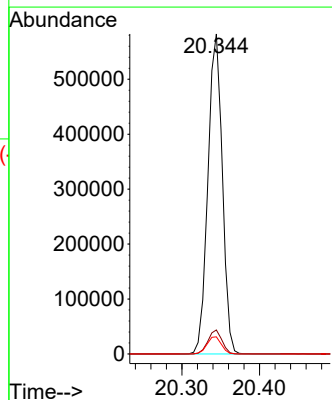
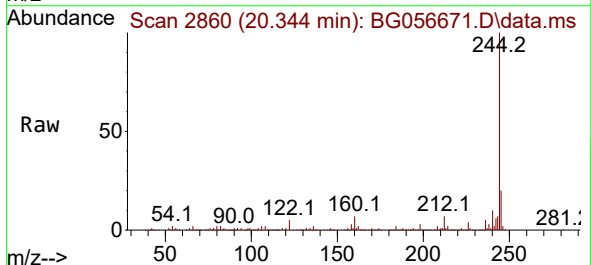
Instrument :
BNA_G
ClientSampleId :
PB150904TB

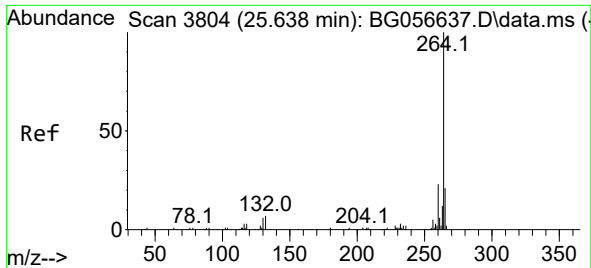
Tgt Ion:184 Resp: 12605
Ion Ratio Lower Upper
184 100
185 14.0 10.6 15.8
183 8.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 91.773 ng
RT: 20.344 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BG056671.D
Acq: 20 Feb 2023 13:13

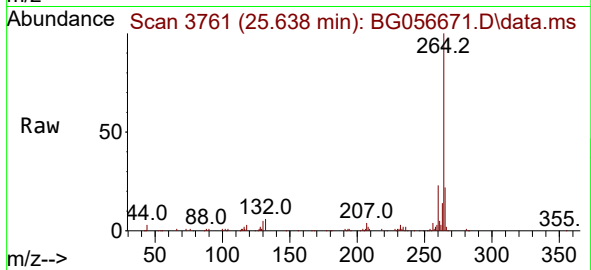
Tgt Ion:244 Resp: 751150
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 5.4 3.8 5.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.638 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BG056671.D
 Acq: 20 Feb 2023 13:13

Instrument :
 BNA_G
 ClientSampleId :
 PB150904TB



Tgt Ion:264 Resp: 144784
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.9 17.0 25.4

