

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011724\
 Data File : BG060346.D
 Acq On : 17 Jan 2024 17:08
 Operator : MA/JU
 Sample : P1155-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BB-TESTPITS

Quant Time: Jan 17 17:45:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

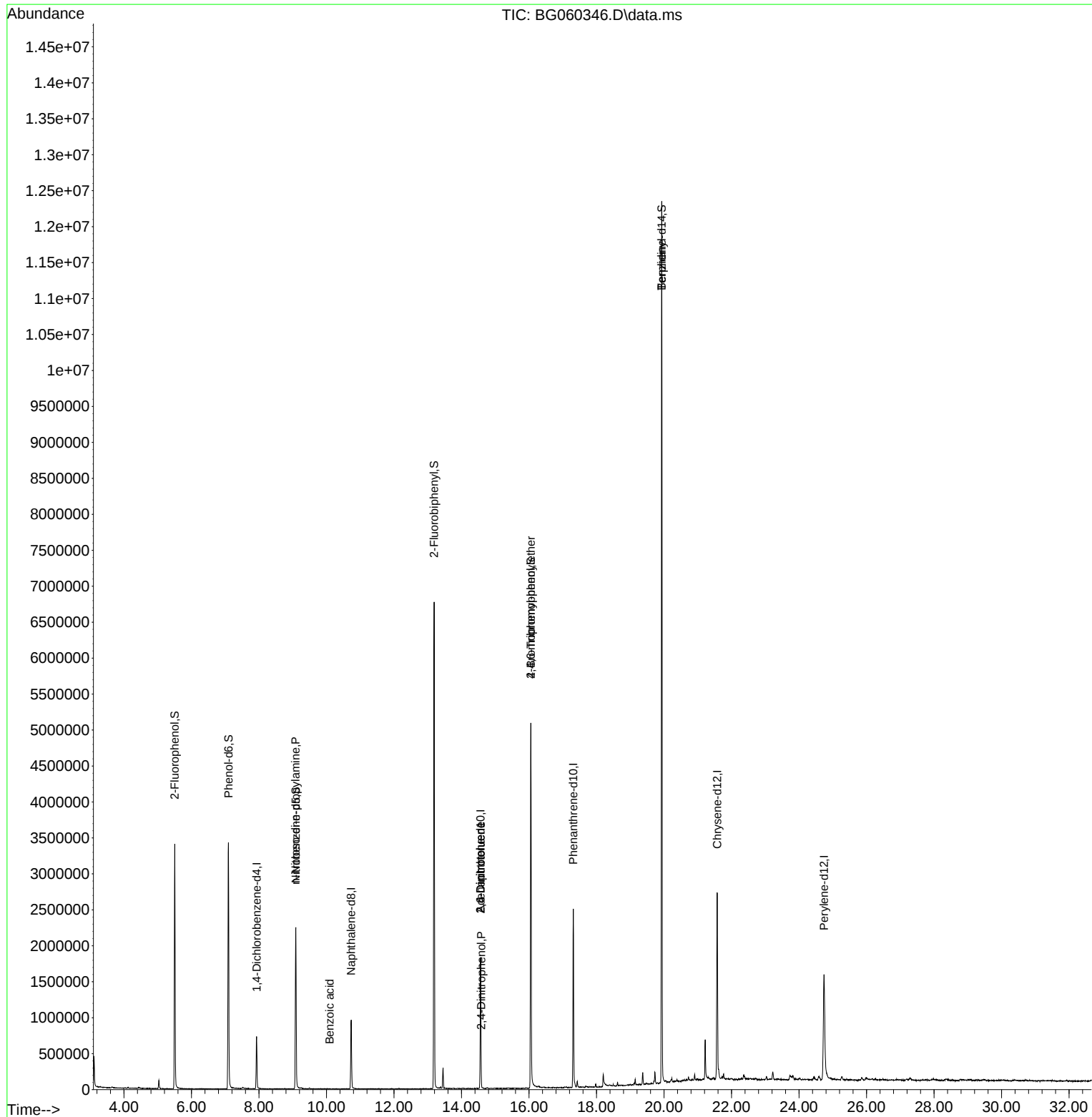
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	229664	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	886255	20.000	ng	0.00
39) Acenaphthene-d10	14.562	164	653522	20.000	ng	0.00
64) Phenanthrene-d10	17.311	188	1693666	20.000	ng	0.00
76) Chrysene-d12	21.577	240	1663280	20.000	ng	0.00
86) Perylene-d12	24.738	264	1888218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	1616600	115.776	ng	0.00
7) Phenol-d6	7.094	99	2383102	115.258	ng	0.00
23) Nitrobenzene-d5	9.091	82	1586594	84.534	ng	0.00
42) 2,4,6-Tribromophenol	16.054	330	1197272	124.519	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	3717217	79.081	ng	0.00
79) Terphenyl-d14	19.932	244	5498763	82.438	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.086	70	193146	13.497	ng	# 79
32) Benzoic acid	10.090	122	193	10.219	ng	# 60
51) 2,6-Dinitrotoluene	14.562	165	86598	8.126	ng	# 32
54) 2,4-Dinitrophenol	14.585	184	164	8.609	ng	# 18
57) 2,4-Dinitrotoluene	14.562	165	86598	5.926	ng	# 24
67) 4-Bromophenyl-phenylether	16.054	248	72139	3.876	ng	# 1
77) Benzidine	19.932	184	94590	2.618	ng	# 95

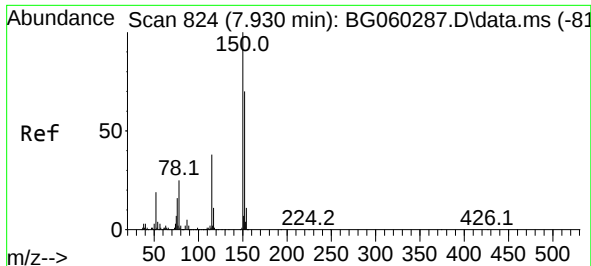
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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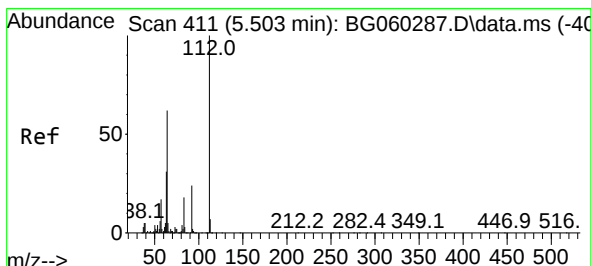
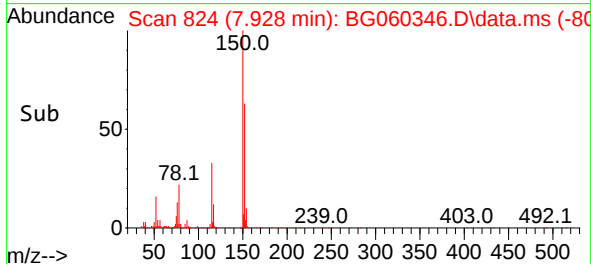
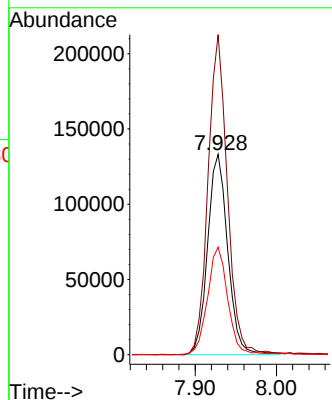
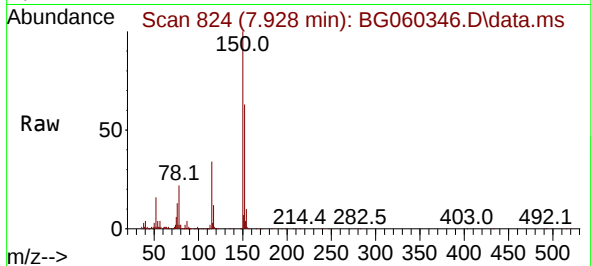




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

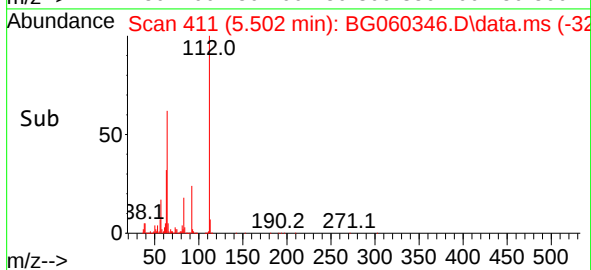
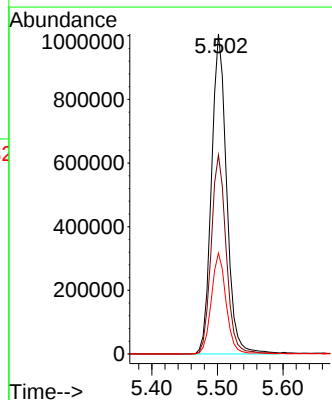
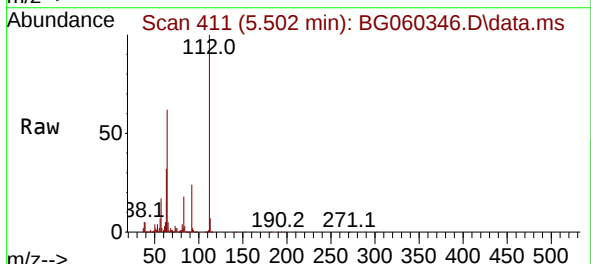
Instrument :
BNA_G
ClientSampleId :
BB-TESTPITS

Tgt Ion:152 Resp: 229664
Ion Ratio Lower Upper
152 100
150 159.8 114.5 171.7
115 53.6 43.0 64.6



#5
2-Fluorophenol
Concen: 115.776 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Tgt Ion:112 Resp: 1616600
Ion Ratio Lower Upper
112 100
64 62.2 49.8 74.6
63 31.6 24.4 36.6



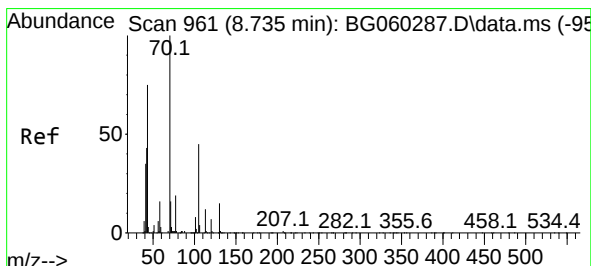
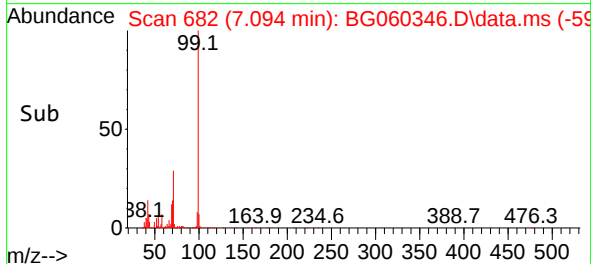
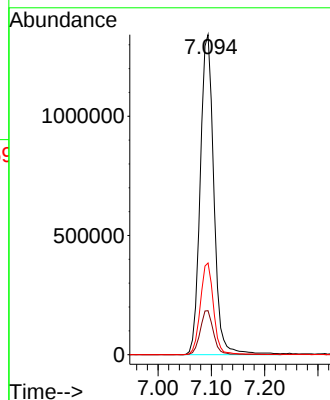
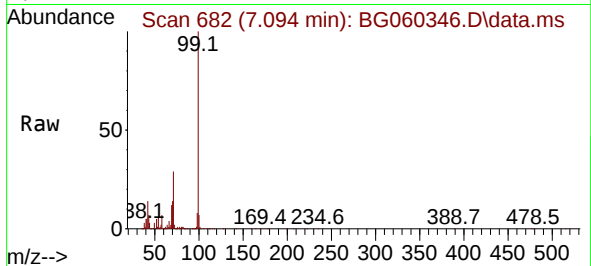


#7
Phenol-d6
Concen: 115.258 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Instrument :
BNA_G
ClientSampleId :
BB-TESTPITS

Tgt Ion: 99 Resp: 2383102

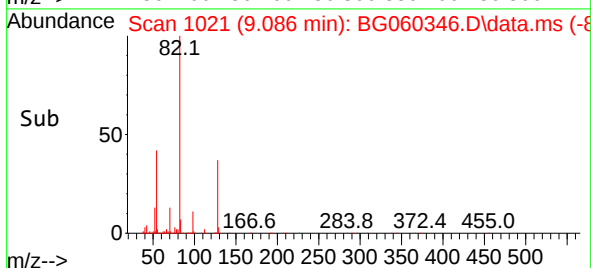
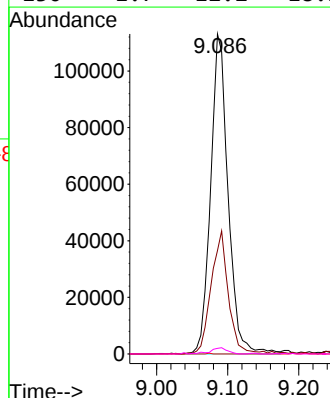
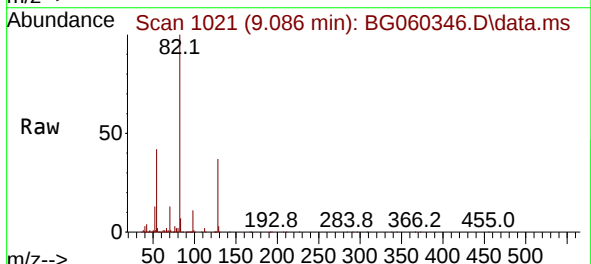
Ion	Ratio	Lower	Upper
99	100		
42	13.7	10.9	16.3
71	28.7	21.5	32.3

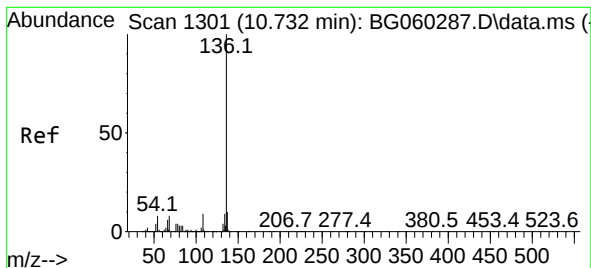


#19
n-Nitroso-di-n-propylamine
Concen: 13.497 ng
RT: 9.086 min Scan# 1021
Delta R.T. 0.351 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Tgt Ion: 70 Resp: 193146

Ion	Ratio	Lower	Upper
70	100		
42	32.3	34.3	51.5#
101	0.0	6.2	9.2#
130	1.7	12.2	18.2#

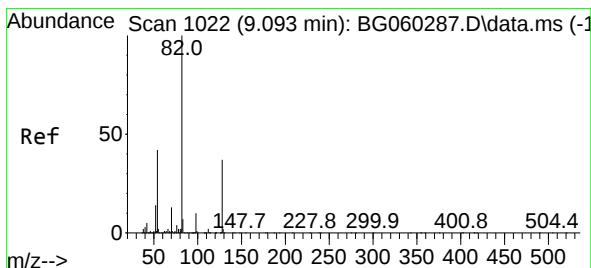
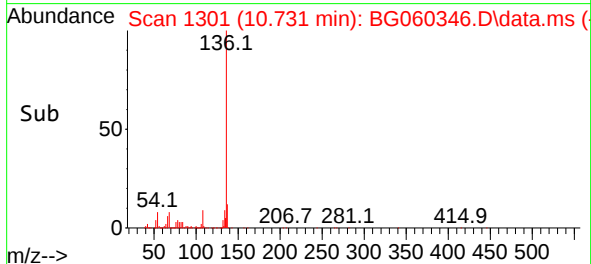
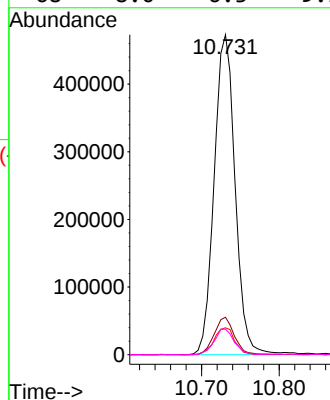
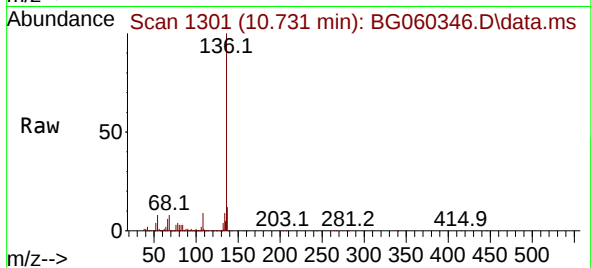




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

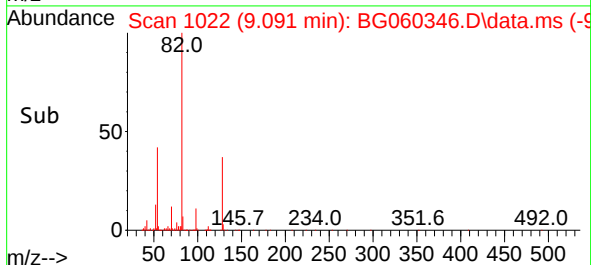
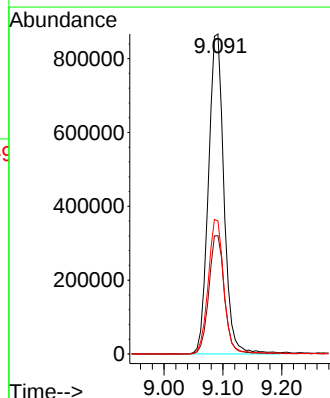
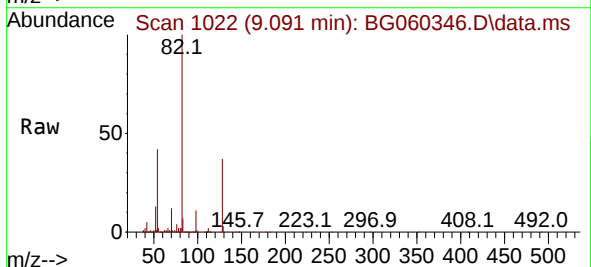
Instrument :
BNA_G
ClientSampleId :
BB-TESTPITS

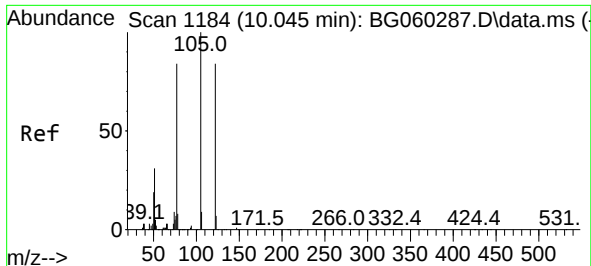
Tgt Ion:	136	Resp:	886255
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.4
54	8.4	6.2	9.2
68	8.0	6.3	9.5



#23
Nitrobenzene-d5
Concen: 84.534 ng
RT: 9.091 min Scan# 1022
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Tgt Ion:	82	Resp:	1586594
Ion	Ratio	Lower	Upper
82	100		
128	37.0	29.6	44.4
54	41.5	33.6	50.4

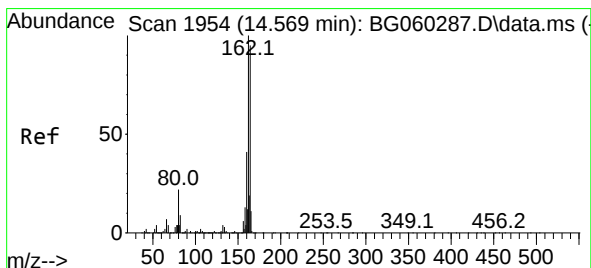
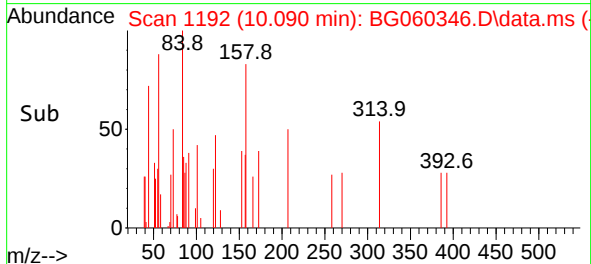
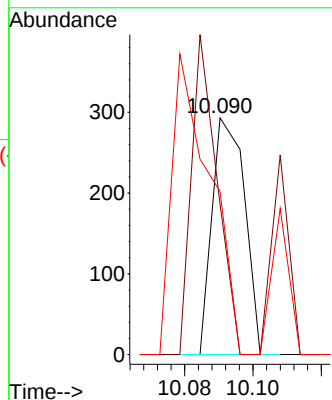
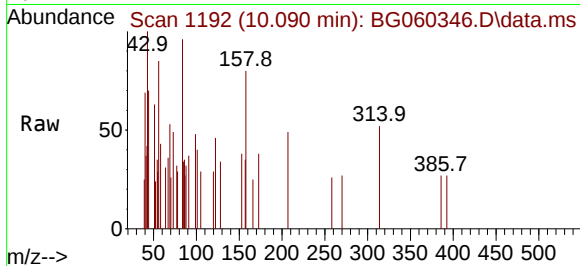




#32
Benzoic acid
Concen: 10.219 ng
RT: 10.090 min Scan# 1184
Delta R.T. 0.045 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

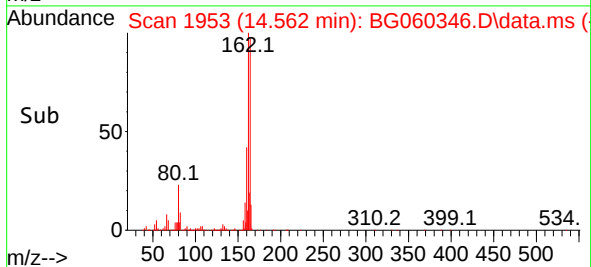
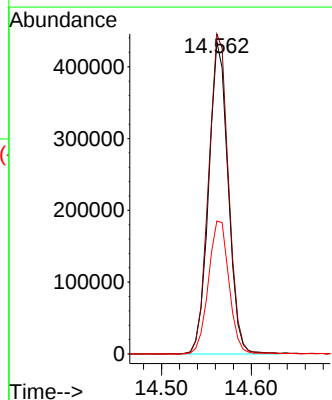
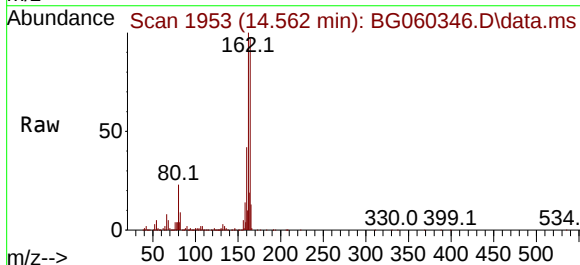
Instrument :
BNA_G
ClientSampleId :
BB-TESTPITS

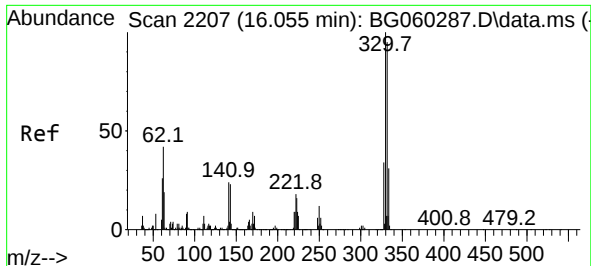
Tgt Ion:122 Resp: 193
Ion Ratio Lower Upper
122 100
105 63.5 96.0 136.0#
77 68.9 80.1 120.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.007 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Tgt Ion:164 Resp: 653522
Ion Ratio Lower Upper
164 100
162 102.6 84.4 126.6
160 42.6 34.6 52.0

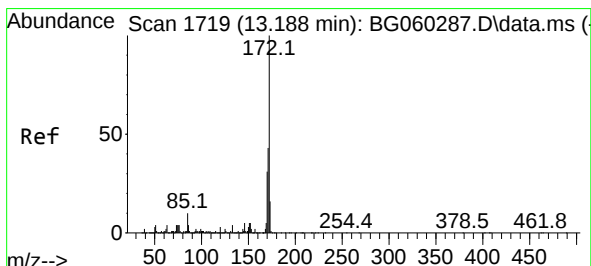
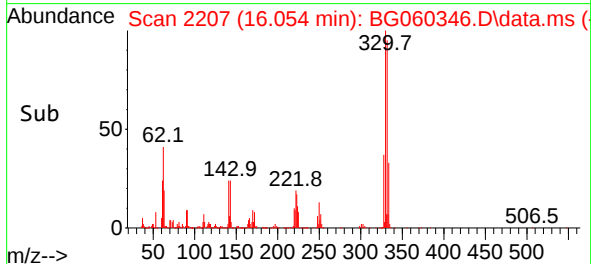
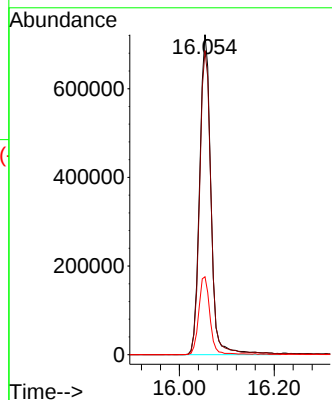
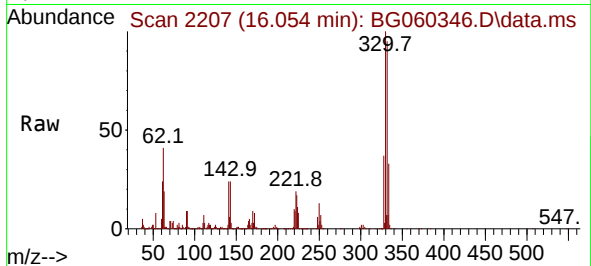




#42
2,4,6-Tribromophenol
Concen: 124.519 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

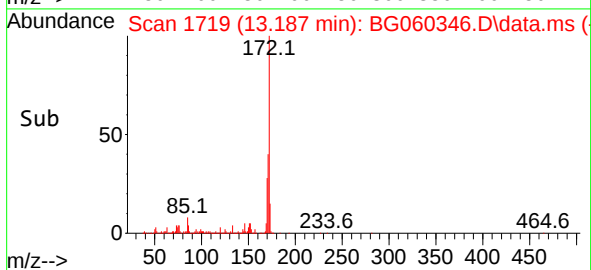
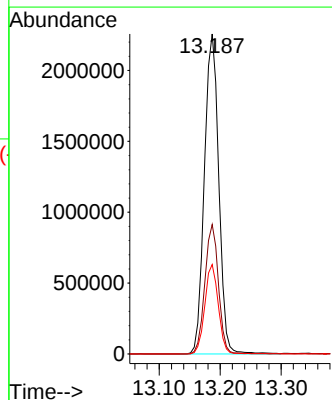
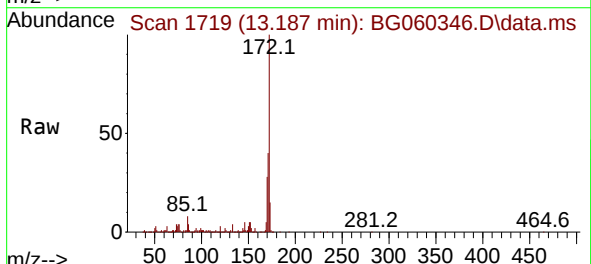
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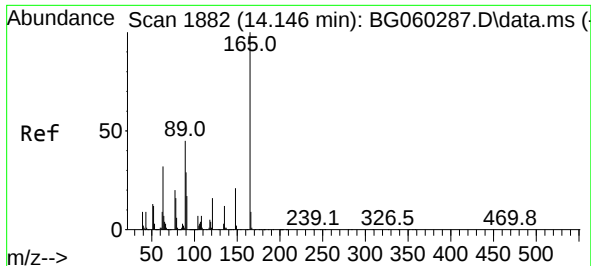
Tgt Ion:330 Resp: 1197272
Ion Ratio Lower Upper
330 100
332 95.8 76.7 115.1
141 24.3 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 79.081 ng
RT: 13.187 min Scan# 1719
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Tgt Ion:172 Resp: 3717217
Ion Ratio Lower Upper
172 100
171 40.5 34.6 51.8
170 28.0 24.4 36.6





#51

2,6-Dinitrotoluene

Concen: 8.126 ng

RT: 14.562 min Scan# 1953

Delta R.T. 0.416 min

Lab File: BG060346.D

Acq: 17 Jan 2024 17:08

Instrument :

BNA_G

ClientSampleId :

BB-TESTPITS

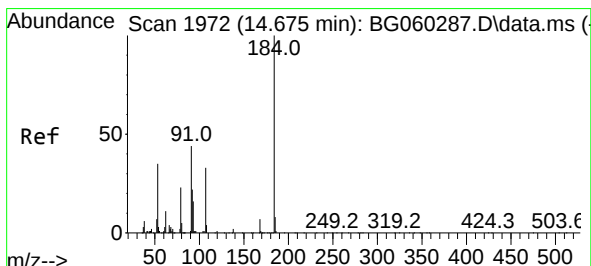
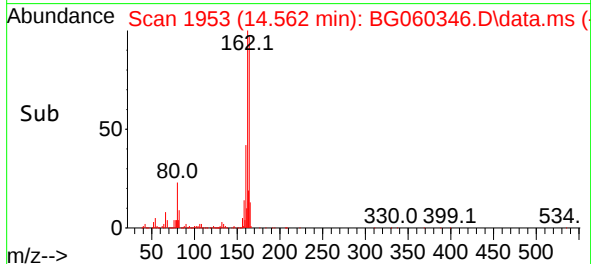
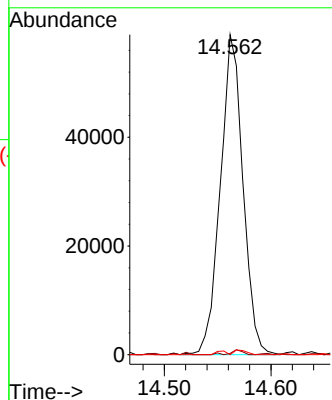
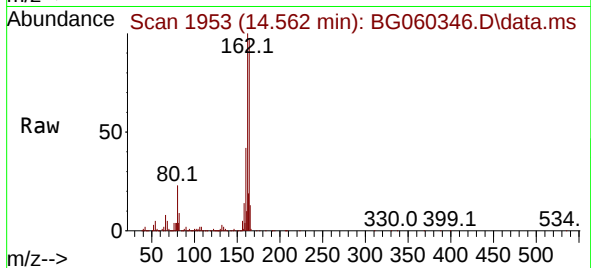
Tgt Ion:165 Resp: 86598

Ion Ratio Lower Upper

165 100

63 0.4 35.0 52.4#

89 0.0 36.2 54.2#



#54

2,4-Dinitrophenol

Concen: 8.609 ng

RT: 14.585 min Scan# 1957

Delta R.T. -0.090 min

Lab File: BG060346.D

Acq: 17 Jan 2024 17:08

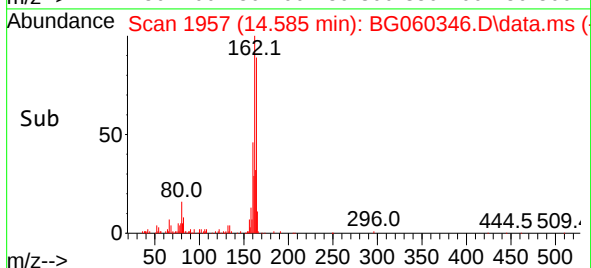
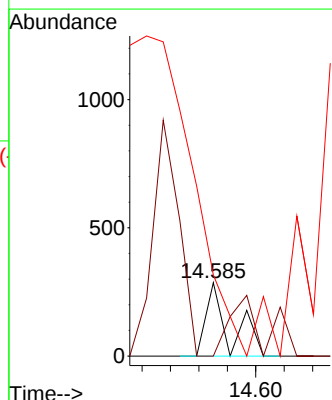
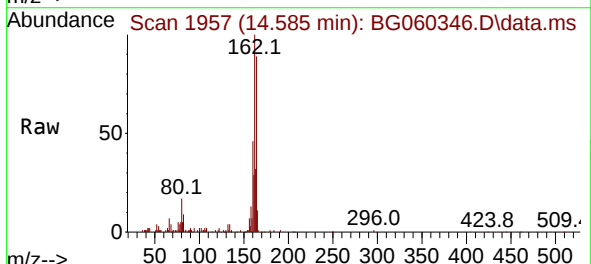
Tgt Ion:184 Resp: 164

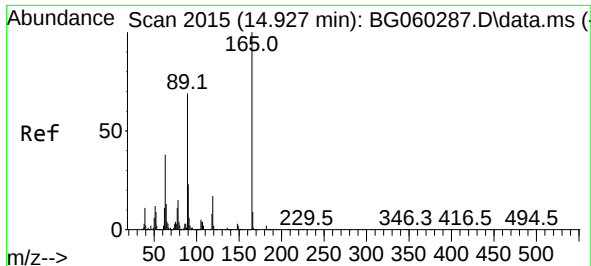
Ion Ratio Lower Upper

184 100

63 0.0 41.0 61.4#

154 110.8 39.2 58.8#

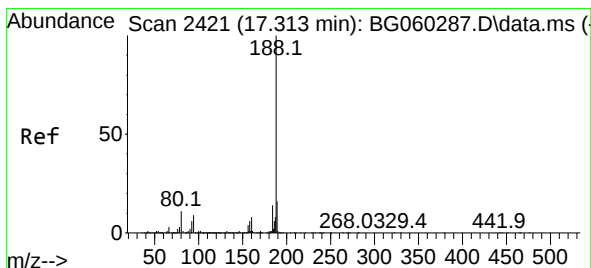
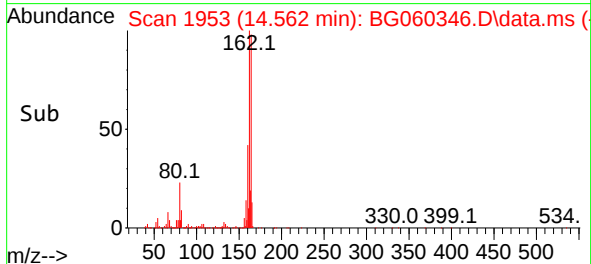
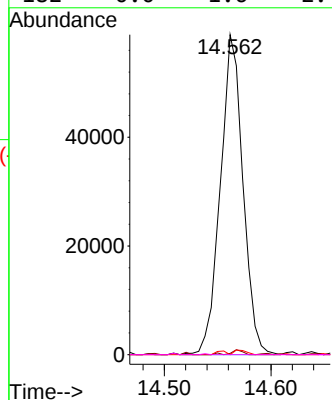
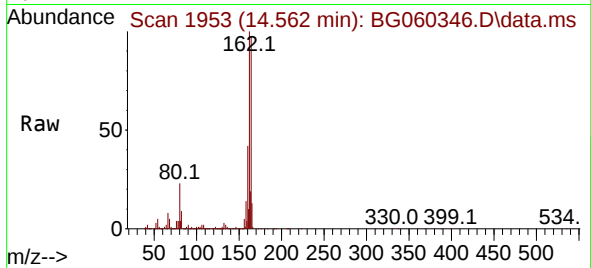




#57
2,4-Dinitrotoluene
Concen: 5.926 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.366 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

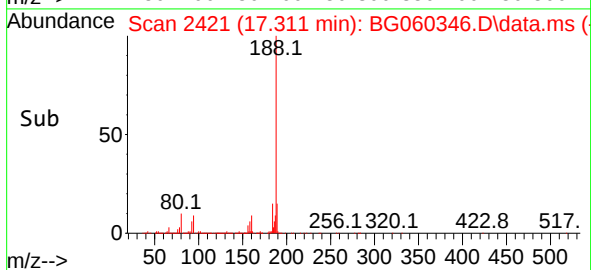
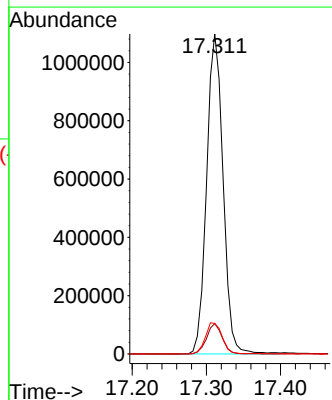
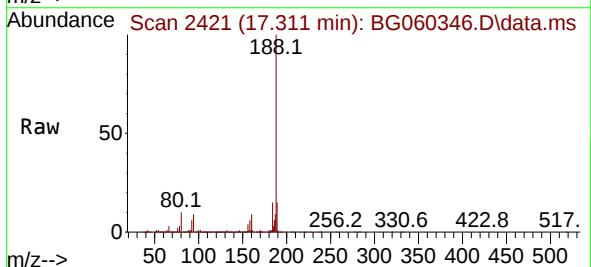
Instrument :
BNA_G
ClientSampleId :
BB-TESTPITS

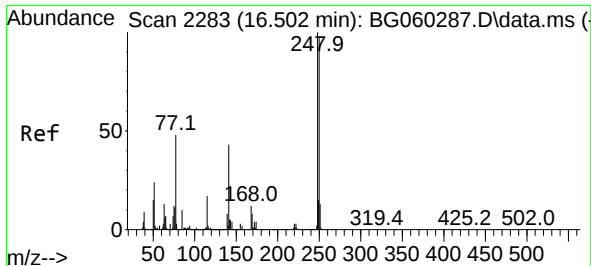
Tgt Ion:165 Resp: 86598
Ion Ratio Lower Upper
165 100
63 0.4 30.4 45.6#
89 0.0 55.4 83.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.311 min Scan# 2421
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Tgt Ion:188 Resp: 1693666
Ion Ratio Lower Upper
188 100
94 9.5 7.1 10.7
80 9.5 8.5 12.7

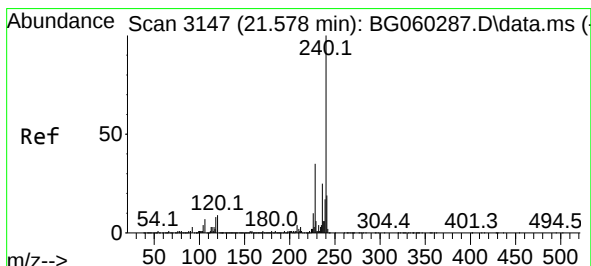
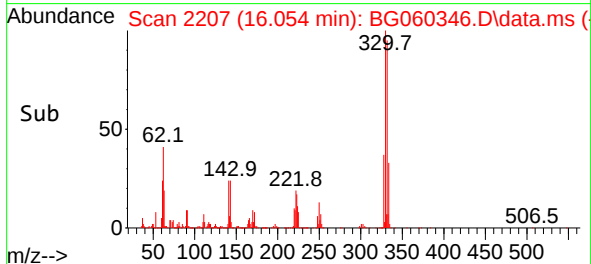
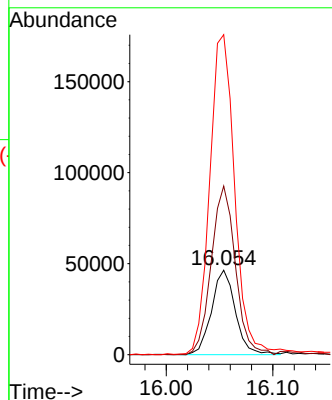
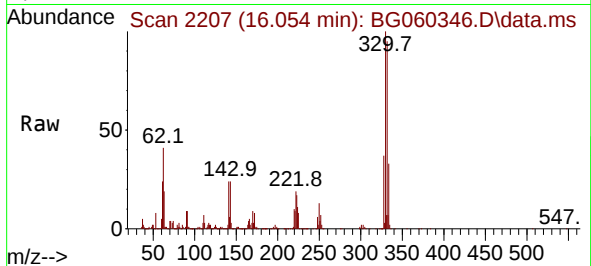




#67
4-Bromophenyl-phenylether
Concen: 3.876 ng
RT: 16.054 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

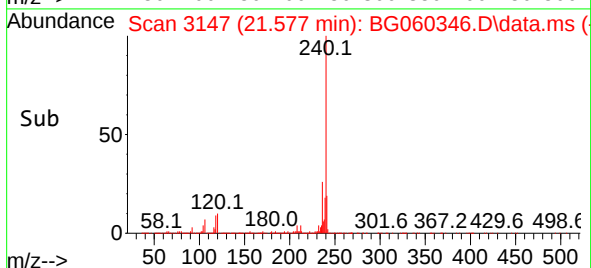
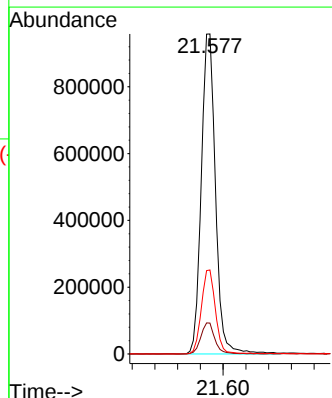
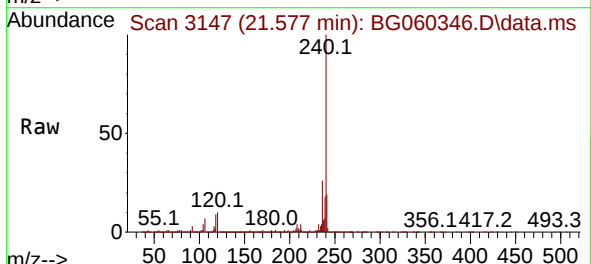
Instrument :
BNA_G
ClientSampleId :
BB-TESTPITS

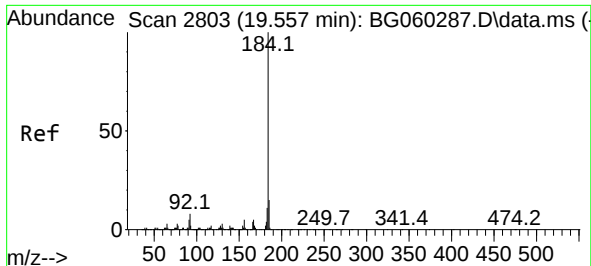
Tgt Ion:248 Resp: 72139
Ion Ratio Lower Upper
248 100
250 154.0 77.6 116.4#
141 292.2 34.2 51.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Tgt Ion:240 Resp: 1663280
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.2 20.3 30.5

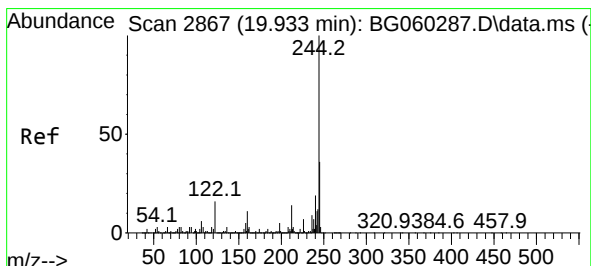
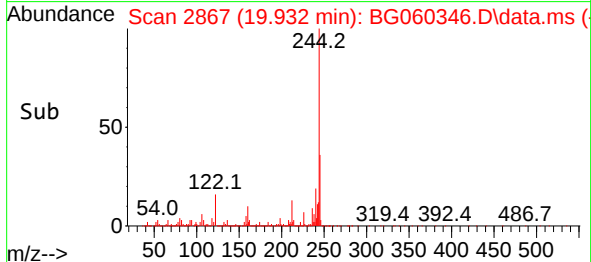
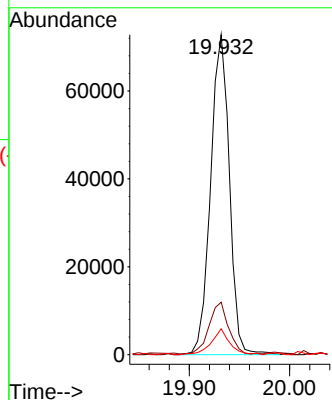
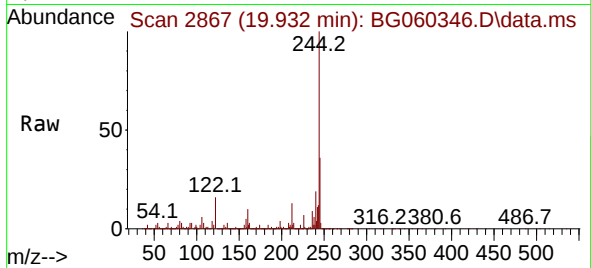




#77
Benzidine
Concen: 2.618 ng
RT: 19.932 min Scan# 2867
Delta R.T. 0.375 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

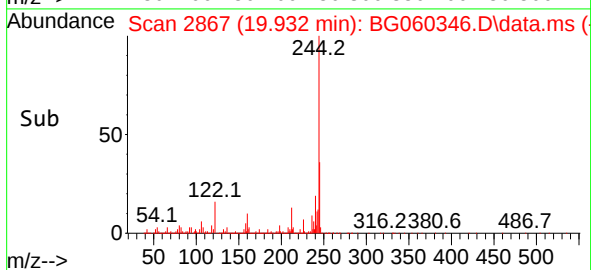
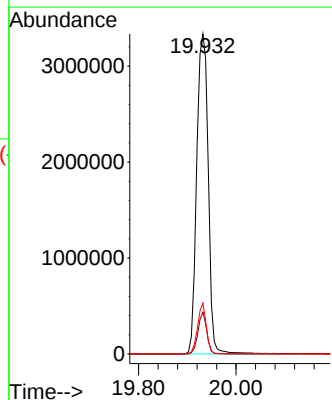
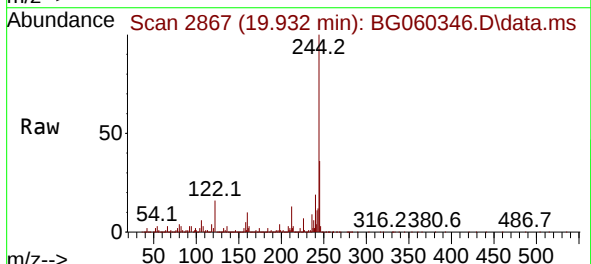
Instrument :
BNA_G
ClientSampleId :
BB-TESTPITS

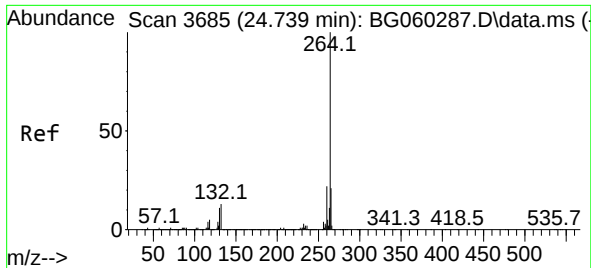
Tgt Ion:184 Resp: 94590
Ion Ratio Lower Upper
184 100
185 16.4 12.2 18.4
183 8.1 9.0 13.4#



#79
Terphenyl-d14
Concen: 82.438 ng
RT: 19.932 min Scan# 2867
Delta R.T. -0.001 min
Lab File: BG060346.D
Acq: 17 Jan 2024 17:08

Tgt Ion:244 Resp: 5498763
Ion Ratio Lower Upper
244 100
212 13.1 10.9 16.3
122 15.9 12.6 18.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.738 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG060346.D
 Acq: 17 Jan 2024 17:08

Instrument :
 BNA_G
 ClientSampleId :
 BB-TESTPITS

Tgt Ion:264 Resp: 1888218
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.8 26.6
 265 22.0 16.8 25.2

