

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057084.D
 Acq On : 13 Apr 2023 16:21
 Operator : CG/JU
 Sample : PB151998TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151998TB

Quant Time: Apr 13 17:06:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

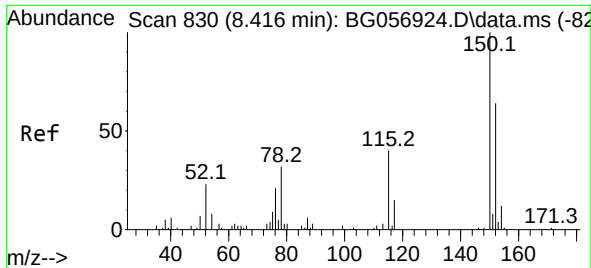
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	14172	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	60467	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	45823	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	127138	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	114146	20.000	ng	# 0.00
86) Perylene-d12	25.608	264	117656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	137775	155.590	ng	0.00
7) Phenol-d6	7.538	99	192525	145.370	ng	0.00
23) Nitrobenzene-d5	9.583	82	123351	83.471	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	100834	137.744	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	292589	86.584	ng	0.00
79) Terphenyl-d14	20.327	244	640812	94.997	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.583	70	17881	18.876	ng	# 80
51) 2,6-Dinitrotoluene	15.016	165	5639	7.229	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	5639	5.125	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	6126	3.894	ng	# 1
77) Benzidine	20.327	184	10565	3.386	ng	# 91

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

Quant Time: Apr 13 17:06:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

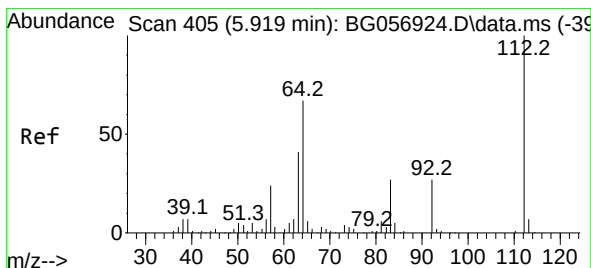
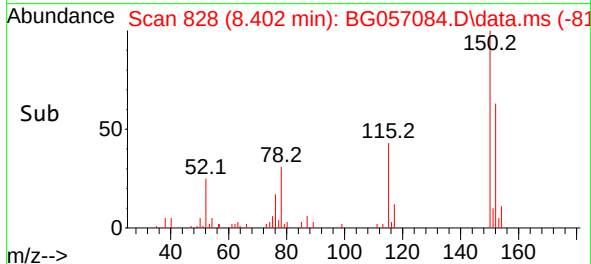
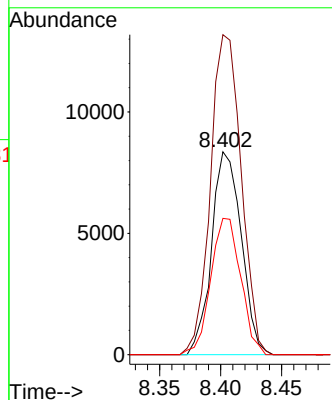
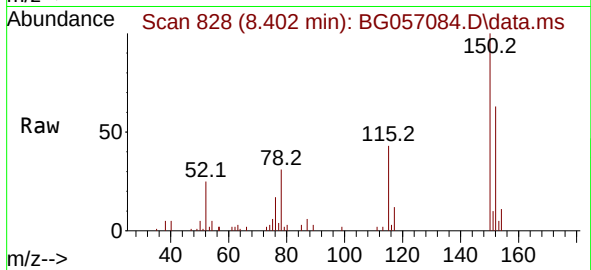




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

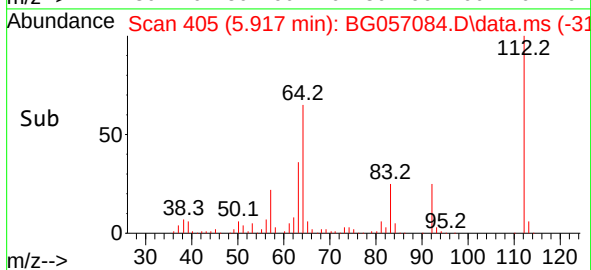
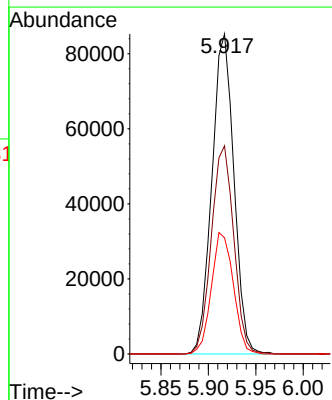
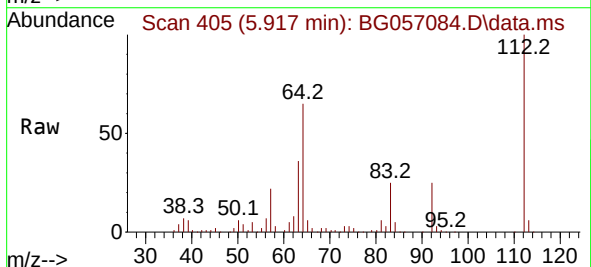
Instrument :
BNA_G
ClientSampleId :
PB151998TB

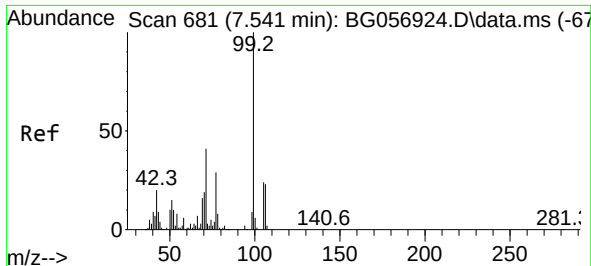
Tgt Ion:152 Resp: 14172
Ion Ratio Lower Upper
152 100
150 157.7 124.1 186.1
115 67.1 49.1 73.7



#5
2-Fluorophenol
Concen: 155.590 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion:112 Resp: 137775
Ion Ratio Lower Upper
112 100
64 65.1 53.2 79.8
63 36.3 32.6 48.8

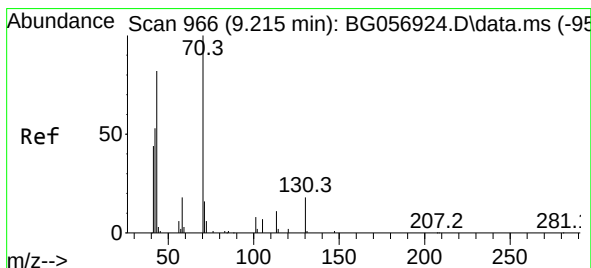
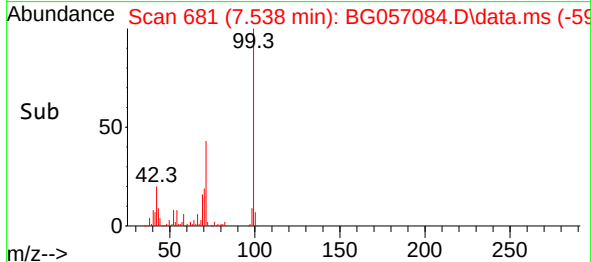
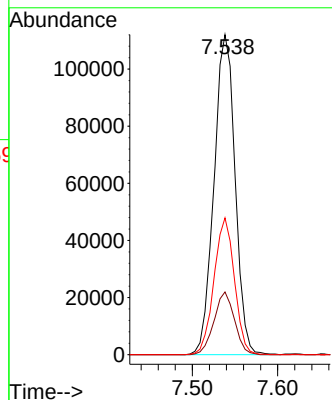
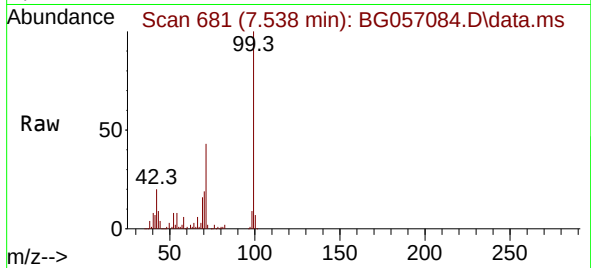




#7
Phenol-d6
Concen: 145.370 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

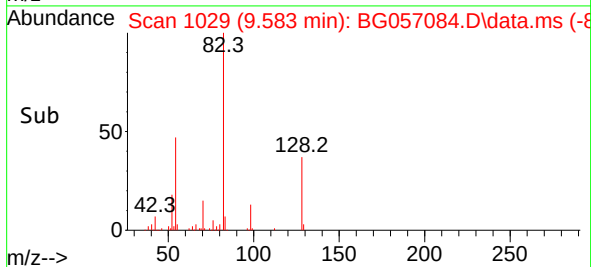
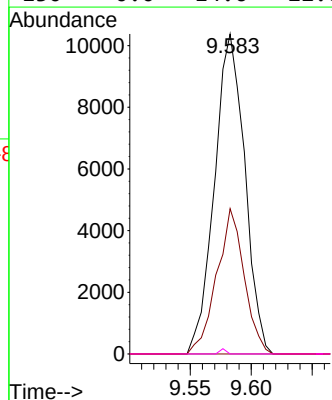
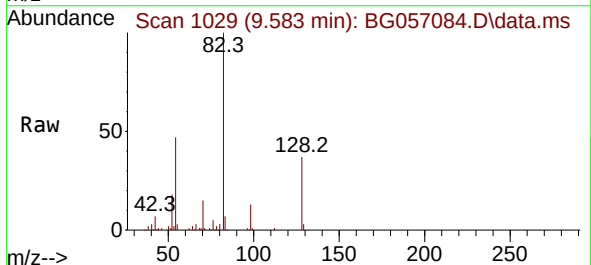
Instrument :
BNA_G
ClientSampleId :
PB151998TB

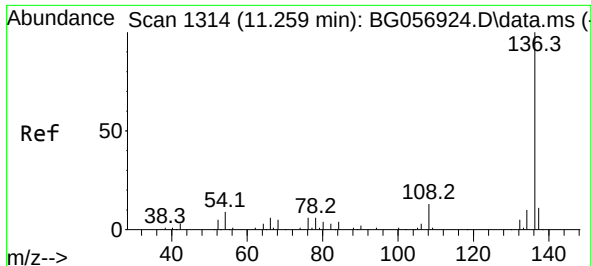
Tgt Ion: 99 Resp: 192525
Ion Ratio Lower Upper
99 100
42 19.6 15.7 23.5
71 42.7 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.876 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.372 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion: 70 Resp: 17881
Ion Ratio Lower Upper
70 100
42 45.4 43.4 65.0
101 0.0 6.2 9.2#
130 0.0 14.6 22.0#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

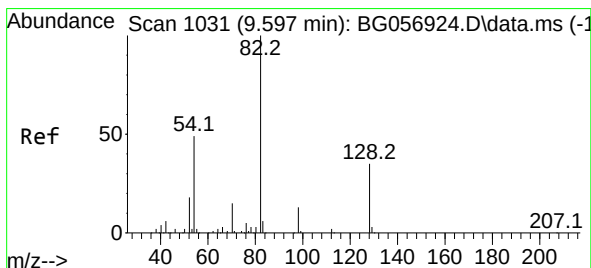
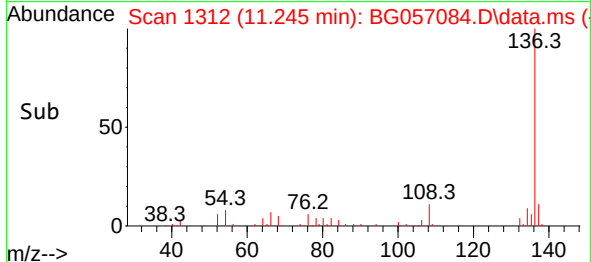
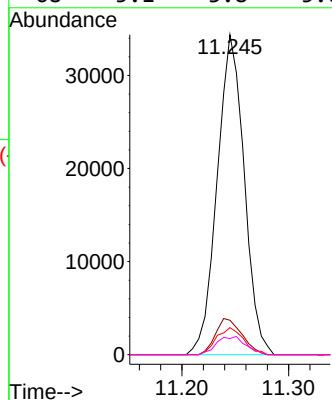
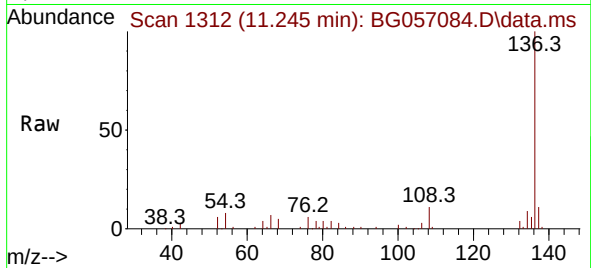
Instrument :

BNA_G

ClientSampleId :

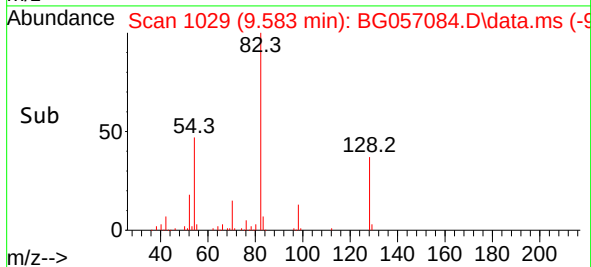
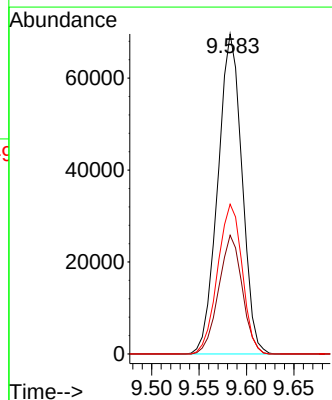
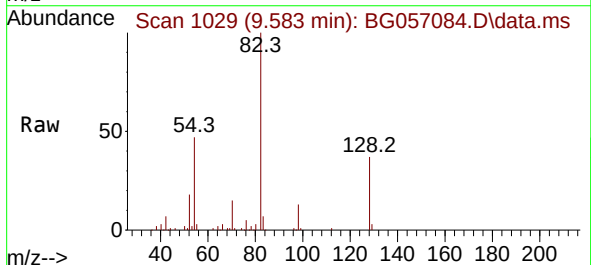
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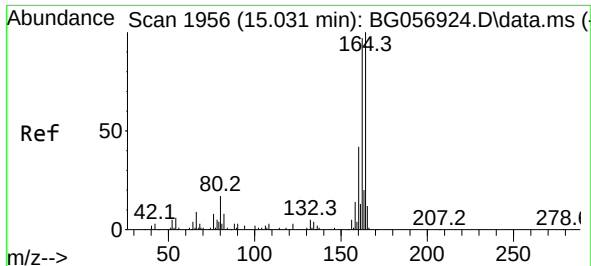
Tgt Ion:136 Resp: 60467
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.4 6.9 10.3
68 5.1 3.8 5.6



#23
Nitrobenzene-d5
Concen: 83.471 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.003 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

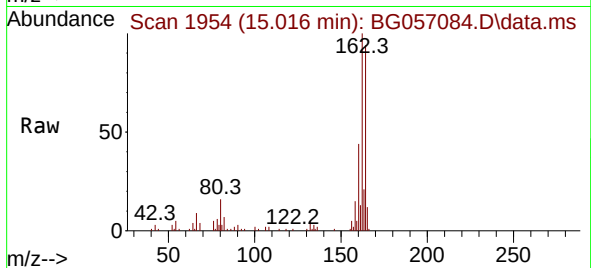
Tgt Ion: 82 Resp: 123351
Ion Ratio Lower Upper
82 100
128 37.1 27.9 41.9
54 46.8 39.4 59.2



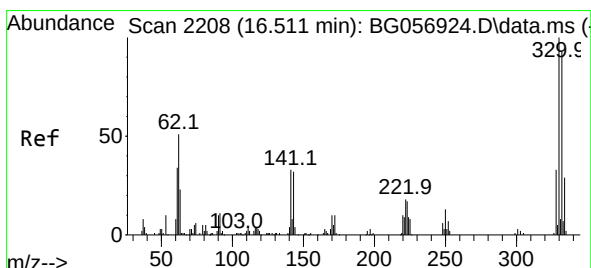
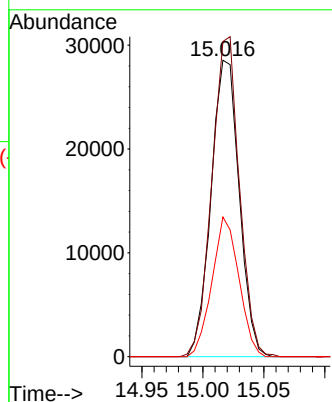
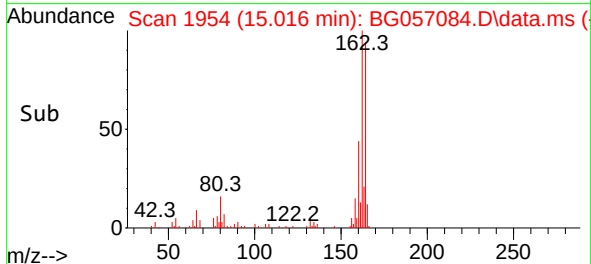


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.003 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

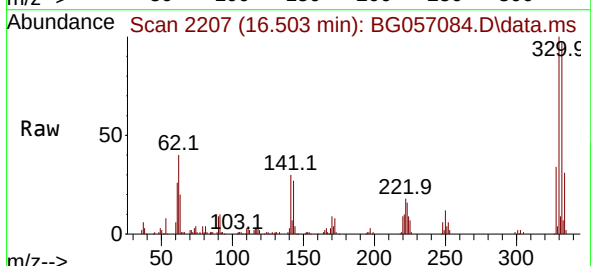
Instrument :
BNA_G
ClientSampleId :
PB151998TB



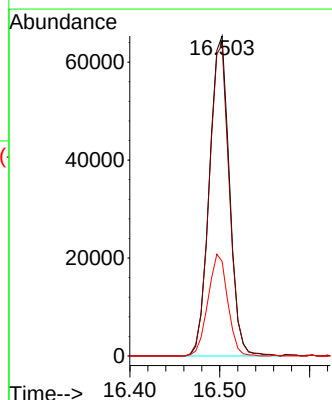
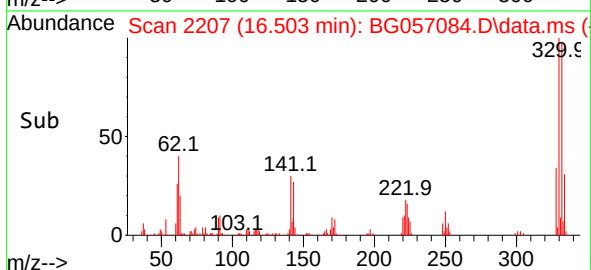
Tgt Ion:164 Resp: 45823
Ion Ratio Lower Upper
164 100
162 106.3 77.8 116.8
160 47.1 33.5 50.3

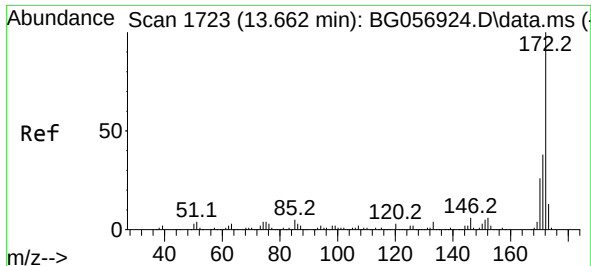


#42
2,4,6-Tribromophenol
Concen: 137.744 ng
RT: 16.503 min Scan# 2207
Delta R.T. 0.002 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21



Tgt Ion:330 Resp: 100834
Ion Ratio Lower Upper
330 100
332 97.9 76.1 114.1
141 31.3 25.8 38.6

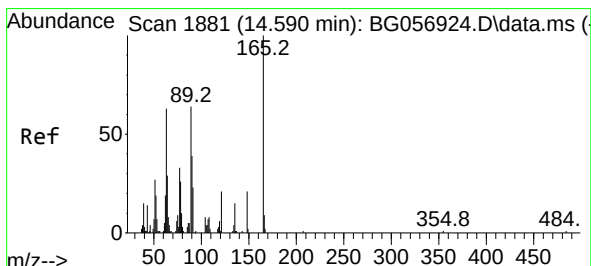
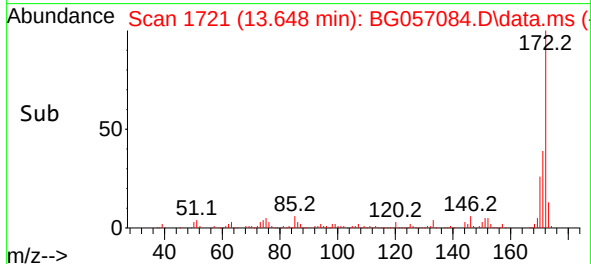
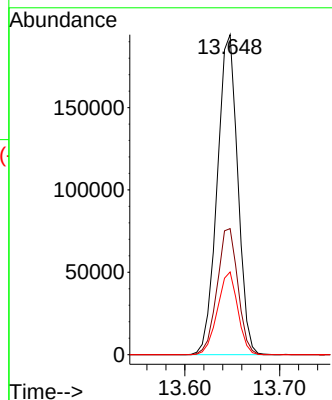
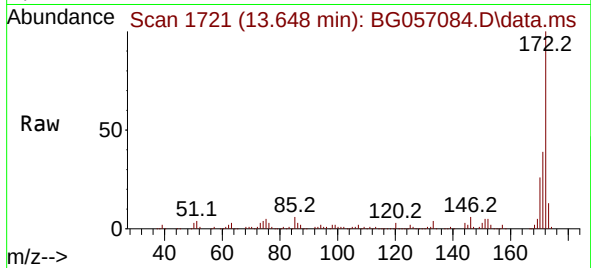




#45
2-Fluorobiphenyl
Concen: 86.584 ng
RT: 13.648 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

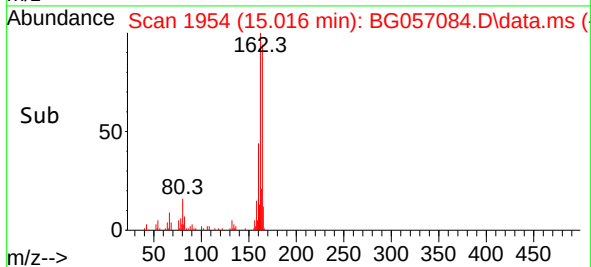
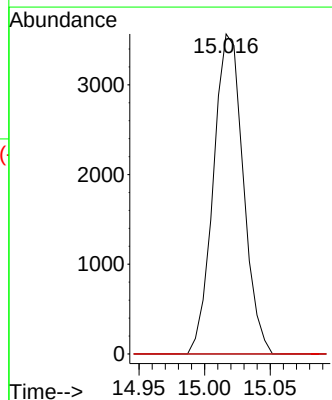
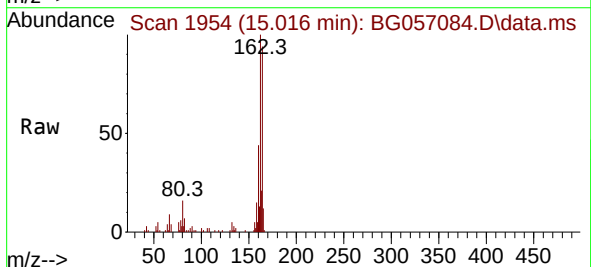
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BNA_G
ClientSampleId :
PB151998TB

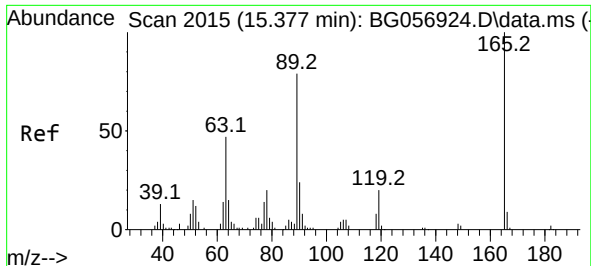
Tgt Ion:172 Resp: 292589
Ion Ratio Lower Upper
172 100
171 39.4 30.6 46.0
170 25.9 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.229 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion:165 Resp: 5639
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: 5.125 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.350 min

Lab File: BG057084.D

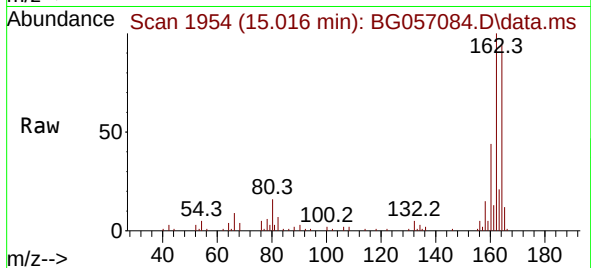
Acq: 13 Apr 2023 16:21

Instrument :

BNA_G

ClientSampleId :

PB151998TB



Tgt Ion:165 Resp: 5639

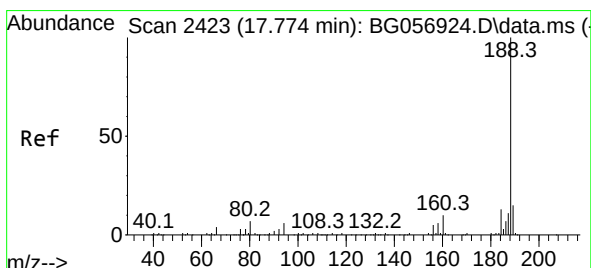
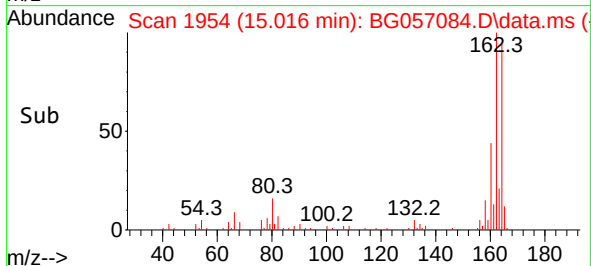
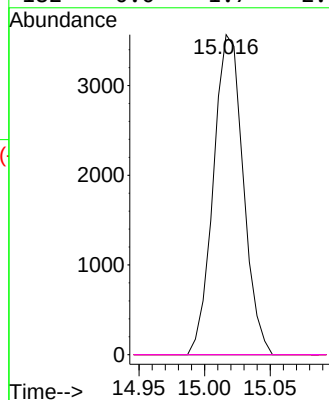
Ion Ratio Lower Upper

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: 17.754 min Scan# 2420

Delta R.T. -0.009 min

Lab File: BG057084.D

Acq: 13 Apr 2023 16:21

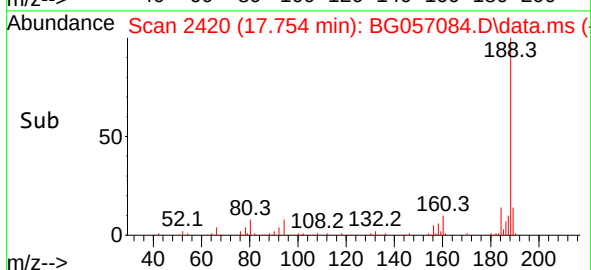
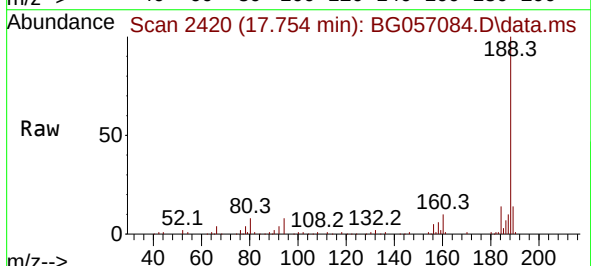
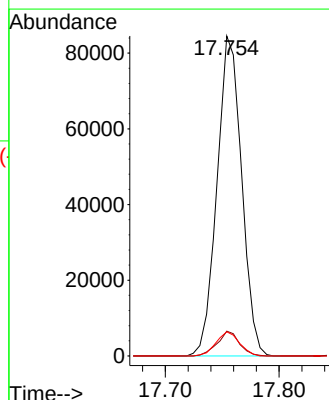
Tgt Ion:188 Resp: 127138

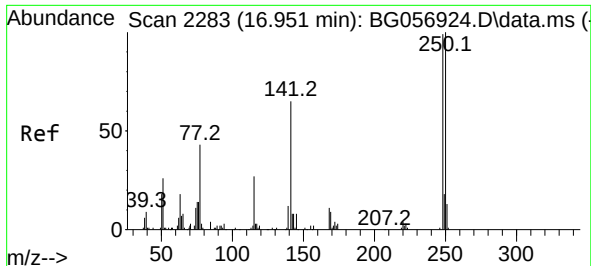
Ion Ratio Lower Upper

188 100

94 7.7 4.6 6.8#

80 7.5 5.5 8.3

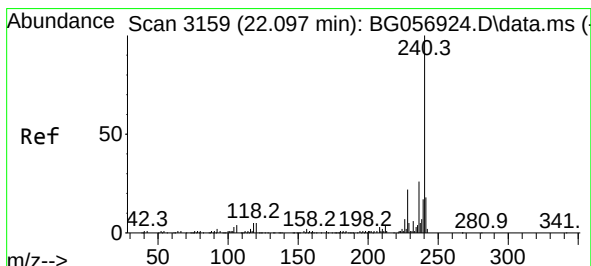
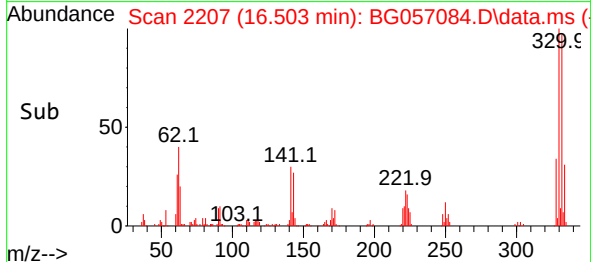
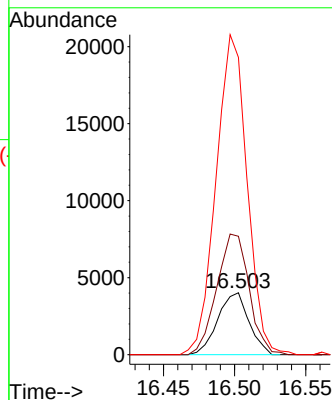
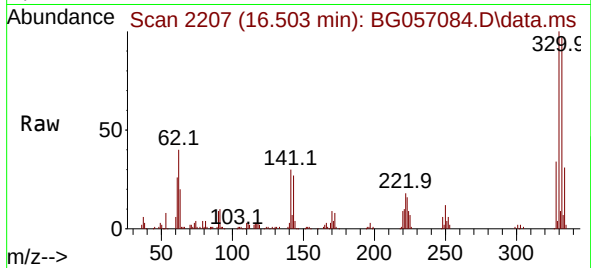




#67
4-Bromophenyl-phenylether
Concen: 3.894 ng
RT: 16.503 min Scan# 211
Delta R.T. -0.432 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

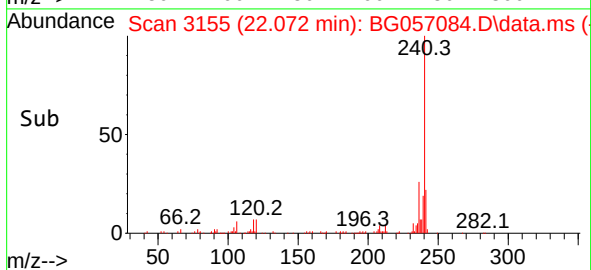
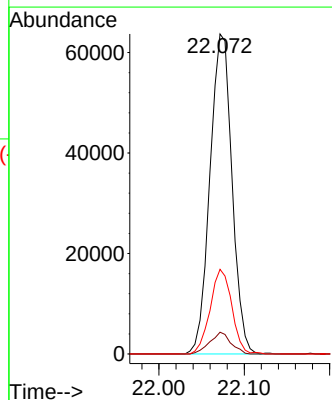
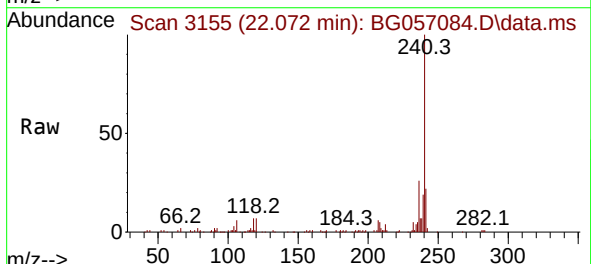
Instrument :
BNA_G
ClientSampleId :
PB151998TB

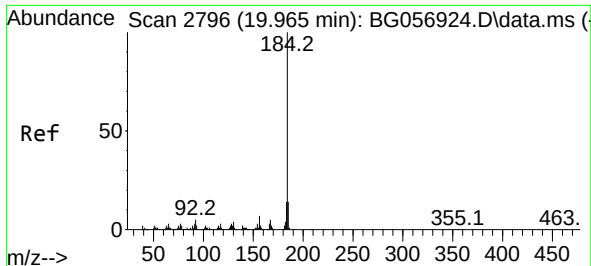
Tgt Ion:248 Resp: 6126
Ion Ratio Lower Upper
248 100
250 191.3 80.5 120.7#
141 480.3 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion:240 Resp: 114146
Ion Ratio Lower Upper
240 100
120 6.8 3.8 5.6#
236 26.4 21.0 31.6

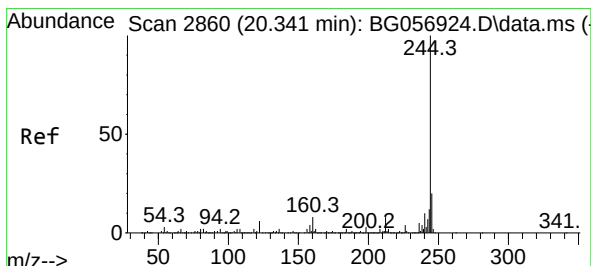
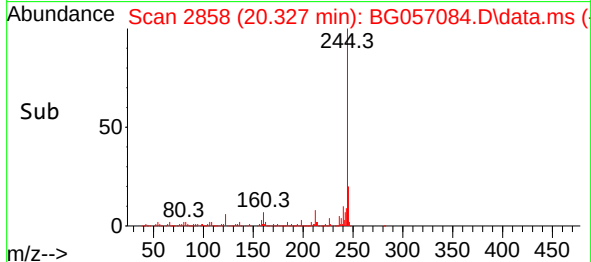
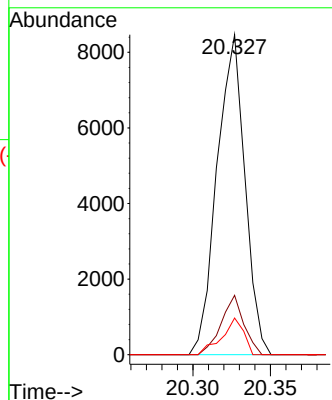
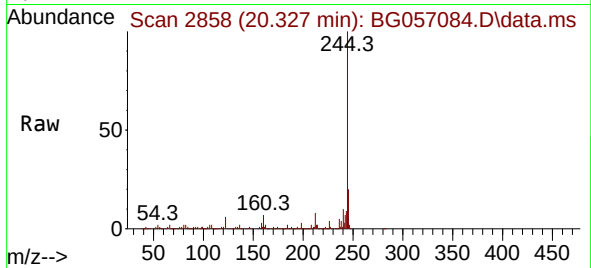




#77
Benzidine
Concen: 3.386 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.372 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

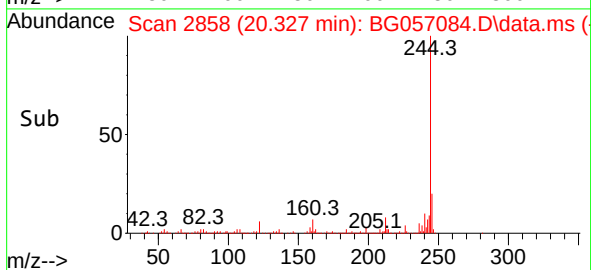
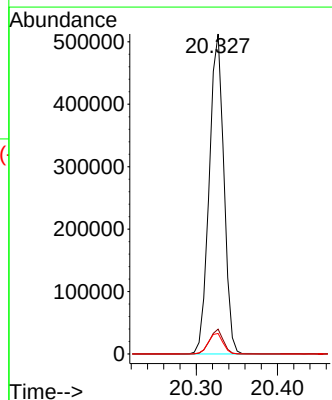
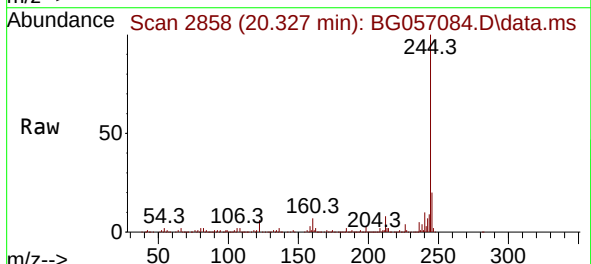
Instrument :
BNA_G
ClientSampleId :
PB151998TB

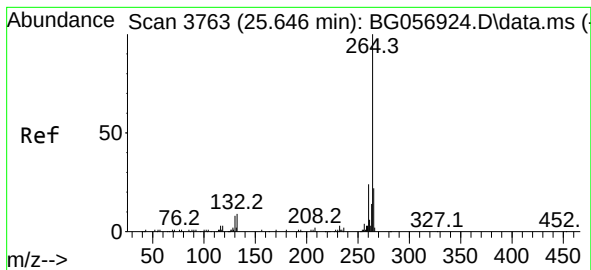
Tgt Ion:184 Resp: 10565
Ion Ratio Lower Upper
184 100
185 18.5 11.0 16.4#
183 11.4 11.4 17.0



#79
Terphenyl-d14
Concen: 94.997 ng
RT: 20.327 min Scan# 2858
Delta R.T. 0.002 min
Lab File: BG057084.D
Acq: 13 Apr 2023 16:21

Tgt Ion:244 Resp: 640812
Ion Ratio Lower Upper
244 100
212 7.8 6.1 9.1
122 6.4 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.608 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057084.D

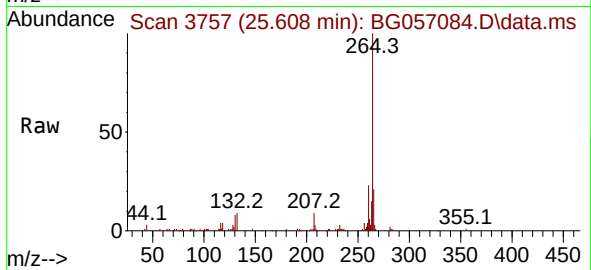
Acq: 13 Apr 2023 16:21

Instrument :

BNA_G

ClientSampleId :

PB151998TB



Tgt Ion:264 Resp: 117656

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

265 20.7 17.8 26.6

